2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Finance Committee

Meeting Agenda - Final

Thursday, April 14, 2022 **11:00 AM** **Virtual**

The New Orleans Regional Transit Authority's Board of Commissioners hereby certifies that it will convene a meeting on Thursday, April 14, 2022 electronically via Zoom in accordance with the provisions of La. R.S. 42:17.1(A)(2)(a)-(c).

1. Call To Order

2. Roll Call

3. Consideration of Meeting Minutes (March 10, 2022)

[Finance Committee Minutes - March 10, 2022] **22-073**

4. Committee Chairman's Report

5. Chief Executive Officer's Report

6. Chief Financial Officer's Report

[February 2022 Financials] **22-074**

7. DBE Report

8. Infrastructure & Planning Report

9. Procurements:

Out of Shop Bus Diagnostic and Repairs **22-031**

Leadership & Change Management Training **22-040**

Clever Device Maintenance Agreement **22-050**

Temporary Janitorial Services Contract	22-055
CY2021 Louisiana Compliance Questionnaire	22-061
FY 2022 Bus and Bus Facilities Grant Application	22-062
Canal Street Ferry Terminal Project: Amendment to Woodward-APC's Contract	22-065
Mobile Application Replacement	22-070

10. New Business

11. Audience Questions & Comments

12. Adjournment

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-073 **Board of Commissioners**

[Finance Committee Minutes - March 10, 2022]

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Operations & Administration Committee

Meeting Minutes

Thursday, March 10, 2022	9:00 AM	Virtual

The New Orleans Regional Transit Authority's Board of Commissioners hereby certifies that it will convene a meeting on Thursday, March 10, 2022 electronically via Zoom in accordance with the provisions of La. R.S. 42:17.1(A)(2)(a)-(c).

1. Call To Order

The meeting was called to order at 9:04 am.

2. Roll Call

3. Consideration of Meeting Minutes

[Operations and Administration Committee Meeting Minutes from February 10, 2022] **22-054**

adopted

4. Committee Chairman's Report

Commissioner Neal thanked everyone for joining and pointed out the full agenda.

5. Chief Executive Officer's Report

Alex Wiggins reported that the impact of COVID considerably decreased with fewer than 20 employees affected.

Mr. Wiggins reported the TSA mask mandate may be lifted on March 18, 2022, and that if that turns out to be the case, employees would be allowed to take precautions with which they feel comfortable.

Regarding the Ukraine/Russia situation, Mr. Wiggins reported that one current and one retired employee each successfully transported a relative from the Ukraine to Poland. Mr. Wiggins reported the conflict has driven up fuel costs nationwide, the current price of Diesel impacted the operating budget, but the agency is able to absorb the increased costs short-term.

Ridership may increase as the public considers public transit, and the agency will make every effort possible to maintain operations and provide maximum mobility.

Commissioner Neal asked Mr. Wiggins if federal funding could be utilized for increased fuel costs, to which Mr. Wiggins replied that RTA has budgeted accordingly for such unforeseen circumstances -- short term. To Commissioner Neal's point regarding the need for equitable transit, Mr. Wiggins underscored RTA's commitment to provide transportation if fuel costs become a constraint for the public.

Commissioner Tillery asked if RTA could accommodate increased ridership, to which Alex Wiggins replied that the agency could indeed accommodate, given the New Links implementation and ridership numbers that remain below pre-COVID-19 numbers.

6. Chief Operations Officer's Monthly Status Report

Gerard Guter presented the Chief Operations Officer's report for January 2022.

Mr. Guter reported 495K Total Monthly Ridership: System Wide for January 2022, and attributed the decrease from 610K for December 2021 to winter weather and the holidays.

Regarding On-time Performance (Fixed Route), Mr. Guter reported a positive increase for January 2022 for Bus and Streetcar service lines from December 2021. Construction on the commercial loop was completed the first week of March 2022, and both streetcar lines are now fully operational.

Regarding On-time Performance (Paratransit), Mr. Guter reported the agency exceeded the goal for January 2022.

Regarding Boardings per Revenue Hour (Bus), Mr. Guter reported an increase from December 2021 for January 2022 despite the ridership decrease.

Regarding Boardings per Revenue Hour (Streetcar), Trips Completed (Paratransit), and Total Passengers (Paratransit), Mr. Guter reported a decrease from December 2021, for January 2022.

Regarding Preventable Accidents, Mr. Guter reported Bus and Paratransit exceeded the goal for January 2022. Right-hand accidents continue to be a challenge for busses and will be addressed in first quarter safety training. Left-hand accidents continue to be a challenge for the St. Charles Streetcar given the number of intersections.

Regarding Road Calls per 100,000 miles, Mr. Guter reported the Streetcar and Paratransit goals were exceeded for January 2022. The Bus goal was narrowly missed due to an aging Bus fleet.

Mr. Guter reviewed the January 2022 results for Rideline and Paratransit Customer Service.

The Ferry Operations report followed the Chief Operations Officer's report per Commissioner Neal's request.

7. New Links Update

Dwight Norton provided an update regarding the New Links implementation, touched upon the timeline, budget, organization of implementation, network review, scheduling, communications, and advised the update will be provided until September 2022.

Mr. Norton reported that formal Title VI work continues to progress to ensure regulatory requirements are met and that the network redesign does not have a disparate impact. The team has been conducting a network review, is working on scheduling the series of changes, building out the infrastructure necessary to roll out said changes, establishing a communications strategy, and scheduling safety training that will carry the team through operational execution.

Mr. Norton reported a few changes to the initial budget, including sign blade replacement, annunciator recording, clever devices, printed outreach and training materials. Mr. Norton reported a total budget of $892,860 for one-time implementation costs, including $116,460 in contingency funds, summarized sources for the funds, and reported the project remains under budget.

Mr. Norton explained Network Review components, and underscored their importance as a framework to evaluate budget impact, operational feasibility of newly-planned routes, and to ensure access to jobs and services.

Regarding the New Links Plan - Algiers Network, Mr. Norton reported a request for RTA to not extend service into Gretna via Route 103, to which Mr. Wiggins added that he is working with the Mayor on this.

Regarding the finalized Algiers Plan, Mr. Norton reported the extension of branching lines 114, 114-A, and 105 to address access issues; adjustments to Operations to utilize safer roads for more consistent routing; and an investment in additional busses that will be offset with savings.

To Commissioner Neal's point regarding the need to address reduced headway, Mr. Norton confirmed that the more equitable allocation of funds/resources was taken into account when resolving the issue of headway.

Regarding Communications, Mr. Norton reported the Rider Survey Results indicated most users find out about permanent changes via the GoMobile app and word of mouth, and would prefer permanent changes be communicated via Text Message alerts and physical media. Only a quarter of those surveyed were aware of the bus route redesign, indicating the need to reintroduce upcoming changes particularly regarding transfers.

Commissioner Neal asked that the New Links update be forwarded to the Commissioners and that Dwight Norton schedule conversations with other transit agencies that have successfully implemented route redesign.

Commissioner Bryan asked if New Link updates will be relayed monthly at the Operations and Administration Committee meetings in addition to the RTA website. Mr. Norton confirmed and clarified the website would be updated in April 2022 to include easily digestible content for the public.

Resolutions for Consideration followed the New Links Update.

8. Ferry Operations Report

Jose Ruiz-Garcia reported that completed trips exceeded the goal in January 2022, for both services, missed trips were minimal, and over half of which were related to fog delays.

Mr. Ruiz-Garcia reported a decrease in Ridership for January 2022, most notably for the Canal Street Ferry. The reduced Ridership was reflected in the number of Passengers per Trip.

Regarding the RTA II vessel, Mr. Ruiz-Garcia reported that repairs were slightly ahead of schedule, and the vessel could return to service as early as mid-April 2022.

9. Public Safety Report

Robert Hickman reported that no Felonies took place in February 2022; and that Misdemeanors had considerably decreased compared to February 2021.

Mr. Hickman reported that 260 Boarding Inspections took place in February 2022 during the 10 days of Mardi Gras.

Mr. Hickman reported that one occurrence of contact with a Homeless person was referred to RTA's Crisis Intervention Coordinator Dominique Stuart in February 2022. Alex Wiggins underscored the challenge of homelessness across the nation and assured Commissioners that Ms. Stuart is working closely with social service providers to address underlying issues.

The New Links Implementation Update followed.

10. Resolutions for Consideration:

RTA Work Policies New and Amended **22-045**

Commissioner Neal requested that Darwyn Anderson review the RTA Work Policies -- New and Amended during the March 22, 2022 Board of Commissioners meeting, to which Mr. Anderson agreed.
referred to Consent Agenda

Enactment No: 22-017

Amendments to Fixed Route Service Standards **22-049**

Commissioner Neal asked if the amendments applied to Paratransit, to which Vivek Shah replied that the proposed amendments only apply to Fixed Route Service Standards.

Given the current average On-time Performance (OTP) goal of 85%, Commissioner Neal asked when the change to 90% would become effective. Mr Wiggins replied that based on industry standards, the Board of Commissioners established 90% as the goal for 2022, across service lines at the January Board Retreat, and that documents would be updated to reflect the revised standard of 90%. Commissioner Neal asked that it be expressly stated when the baseline goes into effect at the next meeting.

To Commissioner Neal's point, Mr. Wiggins stated that the five agency priorities would be incorporated in the April Operations and Administration Committee meeting.

Commissioner Bryan asked at what point after the entire Board of Commissioners has approved would the changes be implemented, to which Vivek Shah replied the changes would be applied to February 2022 reporting and reviewed at the April Operations and Administration Committee Meeting.

referred to Consent Agenda

Enactment No: 22-019

Cooperative Endeavor Agreement (CEA) Between the City of Kenner and the Regional Transit Authority (RTA) **22-053**

Commissioner Bryan asked if the agreement was a standard agreement that RTA renews annually. Yolanda Rodriguez confirmed.

Commissioner Bryan asked if the same practice outlined therein would apply to Orleans Parish or the City of New Orleans, to which Mr. Wiggins replied that CEAs are in place with the City of New Orleans, as well as with the City of Kenner.

referred to Consent Agenda

Enactment No: 22-020

11. New Business

None.

12. Audience Questions & Comments

Jim Goodwin was called to speak.

Commissioner Neal answered one of Mr. Goodwin's questions, and Mr. Wiggins answered

four.

Mr. Goodwin asked if RTA is looking at the mask mandate. The TSA mask mandate dictates RTA's policy, and currently the TSA mask mandate remains in place.

13. Adjournment

adjourned

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-074 **Board of Commissioners**

[February 2022 Financials]

February 2022
Analysis of Financials

Budget	Actuals	$ Variance	% Var.	Explanation of Variance
Passenger Revenue				
1,341,371	1,288,310	(53,061)	(3.96%)	Passenger Fares were 4% ($53k) below projections through February while ridership was 21.7% (310k) under budget. Ridership being under budget is primarily due to the Omicron breakout in February and February. The discrepancy in variances, 4% below in fares compared to 21.7% below in ridership, is mainly due to Pass Sales being 35.1% ($120k) over projections. For the same time period in 2021, passenger fares are up $333k (35%).
Sales Tax				
12,230,462	15,287,517	3,057,055	25.00%	Actual CNO sales tax collections (General Use and Hotel/Motel) for February have been received. These collections reflect a $2.8 million positive variance. When compared to February 2021 these collections are $4.3 million higher.
Labor				
9,227,527	8,835,651	391,876	4.25%	Labor is under budget. ATU contract negotiations are ongoing and will likely impact these numbers once settled.
Fringe Benefits				
3,168,714	2,621,453	547,261	17.27%	Fringe Benefitss are 17.3% below projections in February. Analysis continues with Fringe Benefits. Retirement is $668k under budget (90.53%).
Services				
2,183,074	785,148	1,397,926	64.03%	Professional/Technical Services (legal fees, other outside services, etc.) are under budget $1.1m.
Materials and Supplies				
2,133,923	1,543,080	590,843	27.69%	Diesel fuel prices for the month of February were budgeted at $2.75/gal. (excl. $0.21/gal. tax). Actual diesel fuel prices for February averaged $2.90/gal. (before taxes), which was $0.15/gal. over budget and $0.14/gal. more than the average price for January. Diesel fuel consumption for February was 48,000 gallons under budget.
Miscellaneous				
94,449	44,033	50,416	53.38%	All line items comprising Miscellaneous Expenses are under budget in February but Travel and Meetings which includes the training budget was the primary reason for the positive variance comprising $31k, 62% of the $50k positive variance.

REGIONAL TRANSIT AUTHORITY
CONSOLIDATED INCOME STATEMENT
BUDGET TO ACTUAL COMPARISON
February 28, 2022
Unaudited

	Current Month				Year to Date				CY2022 Annual
	Budget	Actual	$ Var.	%Var.	Budget	Actual	$ Var.	%Var.	Budget
Operating Revenues									
Passenger Fares	670,688	634,385	(36,303)	(5.41%)	1,341,371	1,289,750	(51,621)	(3.85%)	9,581,381
General Use Sales Tax	5,360,611	4,393,111	(967,500)	(18.05%)	10,536,373	13,552,841	3,016,468	28.63%	73,939,458
State Motor Vehicle Sales Tax	420,965	420,965	0	0.00%	827,414	827,414	0	0.00%	5,806,420
Hotel/Motel Sales Tax	490,063	302,124	(187,939)	(38.35%)	866,675	907,262	40,587	4.68%	5,380,176
Other Revenue	95,743	287,501	191,758	200.28%	183,591	431,534	247,943	135.05%	1,606,070
Total Operating Revenues	**7,038,070**	**6,038,085**	**(999,985)**	**(14.21%)**	**13,755,424**	**17,008,802**	**3,253,378**	**23.65%**	**96,313,505**
Operating Expenses									
Labor	4,562,033	4,162,816	399,217	8.75%	9,227,527	8,835,651	391,876	4.25%	58,071,805
Fringe Benefits	1,584,975	1,200,572	384,403	24.25%	3,168,714	2,621,453	547,261	17.27%	19,843,771
Services	1,094,037	408,757	685,280	62.64%	2,183,074	785,148	1,397,926	64.03%	13,142,656
Materials and Supplies	1,046,673	790,610	256,063	24.46%	2,133,923	1,543,080	590,843	27.69%	13,309,650
Utilities	167,229	29,834	137,395	82.16%	341,844	129,722	212,122	62.05%	1,854,193
Casualty & Liability	660,776	663,560	(2,784)	(0.42%)	1,321,552	1,313,201	8,351	0.63%	8,268,000
Taxes	33,837	21,643	12,194	36.04%	69,247	61,592	7,655	11.05%	438,803
Miscellaneous	47,125	27,383	19,742	41.89%	94,449	44,033	50,416	53.38%	584,930
Leases and Rentals	20,667	11,615	9,052	43.80%	41,334	11,615	29,719	71.90%	248,000
Total Operating Expenses (excl. Depr.)	**9,217,352**	**7,316,791**	**1,900,561**	**20.62%**	**18,581,664**	**15,345,496**	**3,236,168**	**17.42%**	**115,761,808**
Net Operating Revenue	**(2,179,282)**	**(1,278,705)**	**900,577**	**(41.32%)**	**(4,826,240)**	**1,663,306**	**6,489,546**	**(134.46%)**	**(19,448,303)**
TMSEL Legacy Costs									
TMSEL Pension Costs	0	0	0	0.00%	0	0	0	0.00%	0
TMSEL Health Benefit Costs	114,125	94,432	19,693	17.26%	228,250	174,501	53,749	23.55%	1,369,500
TMSEL Workers' Compensation Costs	18,000	90,751	(72,751)	(404.17%)	36,000	145,505	(109,505)	(304.18%)	216,000
TMSEL All Other Costs	44,925	121,754	(76,829)	(171.02%)	89,850	155,208	(65,358)	(72.74%)	539,100
Total TMSEL Legacy Costs	**177,050**	**306,938**	**(129,888)**	**(73.36%)**	**354,100**	**475,215**	**(121,115)**	**(34.20%)**	**2,124,600**
Net Revenue (Before Gov't. Asst.)	**(2,356,332)**	**(1,585,643)**	**770,689**	**(32.71%)**	**(5,180,340)**	**1,188,091**	**6,368,431**	**(122.93%)**	**(21,572,903)**
Maritime Operations									
Passenger Fares	86,932	88,710	1,778	2.04%	173,864	151,065	(22,799)	(13.11%)	1,241,890
Labor and Fringe Benefits	(35,851)	(17,417)	(18,434)	51.42%	(71,767)	(39,555)	(32,212)	44.88%	(462,684)
Services	(823,986)	(714,545)	(109,441)	13.28%	(1,647,973)	(1,267,329)	(380,644)	23.10%	(9,887,843)
Materials and Supplies	(50,843)	(31,363)	(19,480)	38.31%	(106,993)	(52,792)	(54,201)	50.66%	(731,011)
Casualty and Liability	0	0	0	0.00%	0	0	0	0.00%	0
Other Operating Expenses	(2,536)	(369)	(2,167)	85.43%	(5,076)	(404)	(4,672)	92.03%	(30,535)
Grant Expenses	(1,568,143)	584,701	(2,152,844)	137.29%	(3,136,286)	(2,676,840)	(459,446)	14.65%	(18,817,687)
Preventive Maintenance	41,250	0	(41,250)	0.00%	82,500	0	(82,500)	0.00%	499,800
Grant Revenues	1,223,004	539,947	(683,057)	(55.85%)	2,446,008	1,494,159	(951,849)	(38.91%)	14,675,998
State Subsidy	428,333	428,333	0	0.00%	856,666	856,667	1	0.00%	5,140,000
Total Maritime Operations	**(701,840)**	**877,997**	**(1,579,837)**	**225.10%**	**(1,409,057)**	**(1,535,030)**	**125,973**	**(8.94%)**	**(8,372,072)**
Government Operating Assistance									
Preventive Maintenance	1,097,998	1,063,544	(34,454)	(3.14%)	2,195,996	2,127,087	(68,909)	(3.14%)	13,175,975
State Parish Transportation	148,541	148,541	0	0.00%	297,082	297,082	0	0.00%	1,782,493
COVID Funding - RTA	1,331,927	0	(1,331,927)	(100.00%)	1,331,927	0	(1,331,927)	(100.00%)	14,651,195
COVID Funding - Ferries	761,097	0	(761,097)	(100.00%)	761,097	0	(761,097)	(100.00%)	8,372,072
Total Government Operating Assistance	**3,339,563**	**1,212,085**	**(2,127,478)**	**(63.71%)**	**4,586,102**	**2,424,169**	**(2,161,933)**	**(47.14%)**	**37,981,735**
Net Revenue (After Gov't. Asst.)	**281,391**	**504,439**	**(2,936,626)**	**(1043.61%)**	**(2,003,295)**	**2,077,230**	**4,332,471**	**(216.27%)**	**8,036,760**

REGIONAL TRANSIT AUTHORITY
CONSOLIDATED INCOME STATEMENT
BUDGET TO ACTUAL COMPARISON
February 28, 2022
Unaudited

	Current Month				Year to Date				CY2022 Annual
	Budget	Actual	$ Var.	%Var.	Budget	Actual	$ Var.	%Var.	Budget
Net Revenue (After Gov't. Asst.)	**281,391**	**504,439**	**(2,936,626)**	**-1043.61%**	**(2,003,295)**	**2,077,230**	**4,332,471**	**-216.27%**	**8,036,760**
Government Non-Operating Rev. (Exp.)									
Federal - Capital	3,229,318	2,254,415	(974,903)	(30.19%)	11,860,062	4,701,779	(7,158,283)	(60.36%)	19,416,339
Local - Capital	1,226,930	(1,701,044)	(2,927,974)	(238.64%)	3,804,217	2,977,312	(826,905)	(21.74%)	9,830,282
Capital Expenditures	(4,456,248)	(553,372)	3,902,876	(87.58%)	(15,664,279)	(7,679,091)	7,985,188	(50.98%)	(29,246,621)
FEMA Project Worksheets	0	0	0	0.00%	0	0	0	0.00%	984,562
FEMA Project Worksheet Expenditures	0	0	0	0.00%	0	0	0	0.00%	(984,562)
Loss on Valuation of Assets	0	0	0	0.00%	0	0	0	0.00%	0
Total Gov't. Non-Operating Rev. (Exp.)	**0**	**0**	**0**	**0.00%**	**0**	**0**	**0**	**0.00%**	**0**
Total Revenues (Expenses) Before Capital Expenditures and Debt	**281,391**	**504,439**	**223,048**	**79.27%**	**(2,003,295)**	**2,077,230**	**4,080,525**	**(203.69%)**	**8,036,760**
Capital Expenditures									
Interest Income - Capital (bonds)	2,040	674	(1,366)	(66.98%)	4,080	3,187	(893)	(21.88%)	24,480
Debt Service	(671,770)	(777,041)	(105,271)	(15.67%)	(1,343,540)	(1,553,741)	(210,201)	(15.65%)	(8,061,240)
Total Capital Expenditures	**(669,730)**	**(776,367)**	**(106,637)**	**(15.92%)**	**(1,339,460)**	**(1,550,554)**	**(211,094)**	**(15.76%)**	**(8,036,760)**
Net Revenue less Capital Expenditures and Principal on Long Term Debt	**(388,339)**	**(271,928)**	**116,411**	**29.98%**	**(3,342,755)**	**526,677**	**3,869,432**	**115.76%**	**0**
Other Funding Sources									
Restricted Operating / Capital Reserve	388,339	271,928	116,411	29.98%	3,342,755	(526,677)	3,869,432	115.76%	0
Total Other Funding	**388,339**	**271,928**	**116,411**	**29.98%**	**3,342,755**	**(526,677)**	**3,869,432**	**115.76%**	**0**
Net Revenue / Expense	**0**	**0**	**0**	**0.00%**	**0**	**0**	**0**	**0.00%**	**0**
Depreciation - Local	11,220	96,653	(85,433)	(761.43%)	11,220	188,591	(177,371)	(1580.85%)	134,640
Depreciation - Federal	1,887,000	1,770,374	116,626	6.18%	1,887,000	3,545,462	(1,658,462)	(87.89%)	22,644,000
Total Depreciation	**1,898,220**	**1,867,027**	**31,193**	**1.64%**	**1,898,220**	**3,734,053**	**(1,835,833)**	**(96.71%)**	**22,778,640**

REGIONAL TRANSIT AUTHORITY
CONSOLIDATED INCOME STATEMENT
ACTUAL TO ACTUAL COMPARISON
February 28, 2022
Unaudited

	Current Month				Year to Date			
	Prior Yr.	Current Yr.	$ Var.	%Var.	Prior Yr.	Current Yr.	$ Var.	%Var.
Operating Revenues								
Passenger Fares	456,417	634,385	177,968	38.99%	955,223	1,289,750	334,528	35.02%
General Use Sales Tax	4,131,974	4,393,111	261,137	6.32%	9,839,368	13,552,841	3,713,473	37.74%
State Motor Vehicle Sales Tax	439,084	420,965	(18,119)	(4.13%)	863,027	827,414	(35,613)	(4.13%)
Hotel/Motel Sales Tax	151,229	302,124	150,895	99.78%	302,820	907,262	604,442	199.60%
Other Revenue	144,943	287,501	142,558	98.35%	238,801	431,534	192,733	80.71%
Total Operating Revenues	**5,323,647**	**6,038,085**	**714,439**	**13.42%**	**12,199,239**	**17,008,802**	**4,809,563**	**39.43%**
Operating Expenses								
Labor	5,549,081	4,162,816	1,386,265	24.98%	9,339,306	8,835,651	503,655	5.39%
Fringe Benefits	1,322,822	1,200,572	122,249	9.24%	2,322,564	2,621,453	(298,889)	(12.87%)
Services	383,531	408,757	(25,226)	(6.58%)	1,078,045	785,148	292,896	27.17%
Materials and Supplies	593,933	790,610	(196,677)	(33.11%)	1,177,168	1,543,080	(365,912)	(31.08%)
Utilities	127,641	29,834	97,806	76.63%	252,181	129,722	122,460	48.56%
Casualty & Liability	614,635	663,560	(48,925)	(7.96%)	1,242,235	1,313,201	(70,967)	(5.71%)
Taxes	23,433	21,643	1,791	7.64%	46,568	61,592	(15,024)	(32.26%)
Miscellaneous	26,457	27,383	(926)	(3.50%)	36,928	44,033	(7,105)	(19.24%)
Leases and Rentals	17,729	11,615	6,114	34.48%	35,331	11,615	23,715	67.12%
Total Operating Expenses (excl. Depr.)	**8,659,262**	**7,316,791**	**1,342,472**	**15.50%**	**15,530,325**	**15,345,496**	**184,830**	**1.19%**
Net Operating Revenue	**(3,335,615)**	**(1,278,705)**	**2,056,910**	**(61.67%)**	**(3,331,087)**	**1,663,306**	**4,994,392**	**(149.93%)**
TMSEL Legacy Costs								
TMSEL Pension Costs	0	0	0	0.00%	0	0	0	0.00%
TMSEL Health Benefit Costs	134,879	94,432	(40,447)	(29.99%)	308,575	174,501	(134,074)	(43.45%)
TMSEL Workers' Compensation Costs	22,356	90,751	68,395	305.93%	32,043	145,505	113,463	354.10%
TMSEL All Other Costs	43,649	121,754	78,105	178.94%	87,298	155,208	67,910	77.79%
Total TMSEL Legacy Costs	**200,884**	**306,938**	**106,053**	**52.79%**	**427,916**	**475,215**	**47,299**	**11.05%**
Net Revenue (Before Gov't. Asst.)	**(3,536,500)**	**(1,585,643)**	**1,950,857**	**(55.16%)**	**(3,759,003)**	**1,188,091**	**4,947,094**	**(131.61%)**
Maritime Operations								
Passenger Fares	59,467	88,710	29,243	49.17%	127,307	151,065	23,758	18.66%
Labor and Fringe Benefits	(25,439)	(17,417)	8,022	(31.53%)	(32,649)	(39,555)	(6,907)	21.16%
Services	(605,064)	(714,545)	(109,480)	18.09%	(1,481,717)	(1,267,329)	214,388	(14.47%)
Materials and Supplies	(15,267)	(31,363)	(16,096)	105.43%	69,942	(52,792)	(122,734)	(175.48%)
Casualty and Liability	0	0	0	0.00%	0	0	0	0.00%
Other Operating Expenses	(136)	(369)	(234)	172.32%	(306)	(404)	(98)	32.14%
Grant Expenses	(509,613)	584,701	1,094,314	(214.73%)	(554,456)	(2,676,840)	(2,122,384)	382.79%
Preventive Maintenance	0	0	0	0.00%	0	0	0	0.00%
Grant Revenues	388,135	539,947	151,811	39.11%	401,724	1,494,159	1,092,435	271.94%
State Subsidy	707,916	428,333	(279,583)	(39.49%)	1,470,154	856,667	(613,488)	(41.73%)
Total Maritime Operations	**0**	**877,997**	**877,997**	**100.00%**	**0**	**(1,535,030)**	**(1,535,030)**	**100.00%**
Government Operating Assistance								
Preventive Maintenance	1,076,910	1,063,544	(13,366)	(1.24%)	2,439,713	2,127,087	(312,626)	(12.81%)
State Parish Transportation	162,798	148,541	(14,257)	(8.76%)	325,596	297,082	(28,514)	(8.76%)
COVID Funding - RTA	0	0	0	0.00%	0	0	0	0.00%
COVID Funding - Ferries	0	0	0	0.00%	0	0	0	0.00%
Total Government Operating Assistance	**1,239,708**	**1,212,085**	**(27,623)**	**(2.23%)**	**2,765,309**	**2,424,169**	**(341,140)**	**(12.34%)**
Net Revenue (After Gov't. Asst.)	**(2,296,792)**	**504,439**	**2,801,231**	**(121.96%)**	**(993,693)**	**2,077,230**	**3,070,924**	**(309.04%)**

REGIONAL TRANSIT AUTHORITY
CONSOLIDATED INCOME STATEMENT
ACTUAL TO ACTUAL COMPARISON
February 28, 2022
Unaudited

	Current Month				Year to Date			
	Prior Yr.	Current Yr.	$ Var.	%Var.	Prior Yr.	Current Yr.	$ Var.	%Var.
Net Revenue (After Gov't. Asst.)	**(2,296,792)**	**504,439**	**2,801,231**	**-121.96%**	**(993,693)**	**2,077,230**	**3,070,924**	**-309.04%**
Government Non-Operating Rev. (Exp.)								
Federal - Capital	101,245	2,254,415	2,153,171	2126.70%	357,826	4,701,779	4,343,953	1213.99%
Local - Capital	47,400	(1,701,044)	(1,748,443)	(3688.73%)	(206,542)	2,977,312	3,183,854	(1541.51%)
Capital Expenditures	(148,644)	(553,372)	(404,728)	272.28%	(151,284)	(7,679,091)	(7,527,807)	4975.94%
FEMA Project Worksheets	0	0	0	100.00%	(38,100)	0	38,100	(100.00%)
FEMA Project Worksheets Expenditures	0	0	0	100.00%	38,100	0	(38,100)	(100.00%)
Loss on Valuation of Assets	0	0	0	0.00%	0	0	0	0.00%
Total Gov't. Non-Operating Rev. (Exp.)	**0**	**(0)**	**(0)**	**0.00%**	**0**	**0**	**0**	**0.00%**
Total Revenues (Expenses) Before Capital Expenditures and Debt	**(2,296,792)**	**504,439**	**2,801,231**	**(121.96%)**	**(993,693)**	**2,077,230**	**3,070,924**	**(309.04%)**
Capital Expenditures								
Interest Income - Capital (bonds)	5,094	674	(4,421)	(86.78%)	10,646	3,187	(7,459)	(70.06%)
Debt Service	(661,570)	(777,041)	(115,471)	17.45%	(1,323,139)	(1,553,741)	230,602	(17.43%)
Total Capital Expenditures	**(656,475)**	**(776,367)**	**(119,892)**	**18.26%**	**(1,312,493)**	**(1,550,554)**	**(238,060)**	**18.14%**
Net Revenue less Capital Expenditures and Principal on Long Term Debt	**(2,953,267)**	**(271,928)**	**2,681,339**	**90.79%**	**(2,306,187)**	**526,677**	**2,832,863**	**122.84%**
Other Funding Sources								
Restricted Operating / Capital Reserve	2,953,267	271,928	(2,681,339)	(90.79%)	2,306,187	(526,677)	(2,832,863)	(122.84%)
Total Other Funding	**2,953,267**	**271,928**	**(2,681,339)**	**(90.79%)**	**2,306,187**	**(526,677)**	**(2,832,863)**	**(122.84%)**
Net Revenue / Expense	**0**	**0**	**0**	**0.00%**	**0**	**0**	**0**	**0.00%**
Depreciation - Local	94,288	96,653	(2,365)	(2.51%)	188,575	188,591	(16)	(0.01%)
Depreciation - Federal	1,727,050	1,770,374	(43,324)	(2.51%)	3,545,160	3,545,462	(302)	(0.01%)
Total Depreciation Expense	**1,821,338**	**1,867,027**	**(45,689)**	**(2.51%)**	**3,733,735**	**3,734,053**	**(318)**	**(0.01%)**

REGIONAL TRANSIT AUTHORITY
STATEMENT OF NET POSITION
AS OF FEBRUARY 28, 2022 AND 2021

	2022	2021
ASSETS AND DEFERRED OUTFLOW OF RESOURCES		
CURRENT ASSETS:		
Cash	$ 52,390,087	51,165,715
Accounts Receivable (net)	48,801,998	44,476,599
Prepaid Expenses and other assets	2,785,545	2,550,939
Inventory	739,163	563,560
Total Current Assets	104,716,793	98,756,814
Restricted assets, cash and investments		
Ferry Operating Subsidy	0	0
1991 series bond trustee accounts	0	0
2020 series bond trustee accounts	(1)	(1)
2000 series bond trustee accounts	0	0
2010 series bond trustee accounts	396,045	396,017
Self-Insurance Reserve	1,415,000	1,415,000
Total restricted assets	1,811,044	1,811,016
Net Pension Assets	7,541,497	7,541,497
Net OPEB Assets	0	0
Property, buildings and equipment, net	294,567,618	272,954,602
Total noncurrent assets	302,109,115	280,496,099
TOTAL ASSETS	408,636,951	381,063,928
DEFERRED OUTFLOW OF RESOURCES		
Deferred charges - prepaid bond	364,588	364,588
Pension deferrals	131,355	131,355
OPEB deferrals	1,079,252	1,079,252
Total Deferred Outflows of Resources	1,575,195	1,575,195
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	$ 410,212,144	$ 382,639,121

REGIONAL TRANSIT AUTHORITY
STATEMENT OF NET POSITION
AS OF FEBRUARY 28, 2022 AND 2021

	2022	2021
LIABILITIES, DEFERRED INFLOW OF RESOURCES AND NET POSITION		
CURRENT LIABILITIES (PAYABLE FROM CURRENT ASSETS)		
Accounts payable, accrued expenses, and deferred credits	$ 38,777,493	27,907,386
Current portion of legal and small claims	2,772,120	2,772,120
Current portion of OPEB Liability	1,207,351	1,207,351
Due to Transdev	235,614	235,614
Total Current Liabilities (payable from current assets)	42,992,578	32,122,471
CURRENT LIABILITIES (PAYABLE FROM RESTRICTED ASSETS)		
Current portion of accrued bond interest	(4,203,619)	1,343,540
Current portion of bonds payable net	-	0
Current portion of debt service assistance fund loan		
Total Current Liabilities (payable from restricted assets)	(4,203,619)	1,343,540
LONG-TERM LIABILITIES		
Accrued bond interest less current portion	-	0
Legal and small claims less current portion	14,784,842	15,911,349
Bonds-Payable less current portion net	95,079,739	99,368,080
Net Pension Liability		0
Total OPEB Liability	5,783,026	5,783,026
Debt service assistance fund loan less current portion	-	
Total long-term liabilities	115,647,606	121,062,455
TOTAL LIABILITIES	154,436,565	154,528,466
DEFERRED INFLOW OF RESOURCES		
Pension Deferrals	11,196,614	11,196,614
OPEB Deferrals	186,423	186,423
Deferred Refunding Gain	2,627,278	2,627,278
TOTAL DEFERRED INFLOWS OF RESOURCES	14,010,315	14,010,315
NET POSITION		
Invested in capital assets, net of related debt	203,691,498	172,242,982
Restricted for Debt Service	1,811,044	1,811,016
Unrestricted	36,262,722	40,046,345
Total net position	241,765,264	214,100,340
TOTAL LIABILITIES, DEFERRED INFLOW OF RESOURCES, AND NET POSITION	$ 410,212,144	$ 382,639,121

Regional Transit Authority
Financial Performance Indicators
November 30, 2021
(Excludes Ferry Operations)

	Company-wide		Fixed Route Bus		Streetcar		Paratransit	
	Current Mo.	Year-to-date	Current Mo.	Year-to-date	Current Mo.	Year-to-date	Current Mo.	Year-to-date
Ridership (Unlinked Trips)	611,517	1,118,429	434,449	776,153	164,303	317,277	12,765	24,999
Total Platform Hours	63,245	111,836	41,383	69,475	13,388	25,216	8,475	17,145
Passenger Revenue	634,385	1,295,321	431,639	897,872	183,727	360,952	19,019	36,497
Operating Expenses	7,316,791	15,345,496	4,711,780	9,185,419	1,615,682	3,781,694	989,329	2,378,382
Operating Cost Per Platform Hour	115.69	137.21	113.86	132.21	120.69	149.97	116.74	138.72
Annual Budgeted Cost Per Platform Hour		140.47		132.69		185.29		119.88
Farebox Recovery Rate	8.67%	8.44%	9.16%	9.77%	11.37%	9.54%	1.92%	1.53%
Operating Cost Per Unlinked Trip	11.96	13.72	10.85	11.83	9.83	11.92	77.50	95.14
Passenger Revenue Per Unlinked Trip	1.04	1.16	0.99	1.16	1.12	1.14	1.49	1.46
Subsidy per Unlinked Trip	10.92	12.56	9.86	10.67	8.71	10.78	76.01	93.68

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-031 **Finance Committee**

Out of Shop Bus Diagnostic and Repairs

DESCRIPTION: Authorized Dealer Cummins out of Shop Diagnostics and Repair	AGENDA NO: Click or tap here to enter text.
ACTION REQUEST: ☒ Approval ☐ Review Comment ☐ Information Only ☐ Other	

RECOMMENDATION:

To authorize the Chief Executive Officer to award a contract to Kenworth of Southeast Louisiana for diagnostics and repair services.

ISSUE/BACKGROUND:

The RTA has a fleet of buses that all utilize Cummins engines. There are times that the agency needs to use authorized Cummins dealers to assist with repairs; this could be due to special skillsets or dealer proprietary software. While the agency is working on training our in-house technicians, outside resources are needed.

DISCUSSION:

The RTA is currently working to hire qualified mechanics; however, finding qualified individuals takes time in our current post-pandemic environment. The agency is also pursuing specialized training for current technicians. This procurement will fill gaps with advanced diagnostics that will be provided through the services of an authorized Cummings dealer.

FINANCIAL IMPACT:

The estimated cost for this procurement is $150,000. The contract period is for two years, supplying services as needed. Funding is available from the local Fixed Route Account: 143002.7360.06101

NEXT STEPS:

Upon RTA Board approval, staff will assign a purchase order.

ATTACHMENTS:

1. Board Resolution
2. Procurement Summary

3. Out of Shop Solicitation Request
4. Administrative Review Form

Prepared By: Jacques Robichaux Sr.
Title: Interim Director of Maintenance

Reviewed By: Gerard Guter
Title: Deputy Chief Operating Officer

Reviewed By: Gizelle Banks
Title: Chief Financial Officer

4/7/2022

Alex Wiggins
Chief Executive Officer

Date

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

RESOLUTION NO. _____

STATE OF LOUISIANA

PARISH OF ORLEANS

AUTHORIZATION TO AWARD A CONTRACT TO KENWORTH OF SOUTHEAST LOUISIANA FOR DIAGNOSTIC BUS REPAIRS

Introduced by Commissioner _____, seconded by Commissioner _____.

WHEREAS, the Chief Executive Officer of the RTA has the need for diagnostic repair services by an authorized Cummins dealer; and

WHEREAS, the diagnostic repair services program will enable the RTA to effectively carry out its day-to-day operations; and

WHEREAS, staff has evaluated and determined that the purchase of repair services from Kenworth of Southeast Louisiana through local funding is the most cost-effective way to maintain revenue vehicles; and

WHEREAS, RTA's Disadvantage Business Compliance Manager determined that there was no DBE goal set for this project since there are no subcontracting opportunities; and

WHEREAS, staff evaluated all cost components submitted by the vendor and determined the price to be fair and reasonable; and

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

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WHEREAS, it is the opinion of the RTA Board of Commissioners that the purchase of diagnostic repair services is critical to maintaining the function, reliability, and support of bus revenue service on behalf of the Regional Transit Authority; and

WHEREAS, funding for the above-stated project is made available through local funding in the amount of value of ONE HUNDRED FIFTY THOUSAND DOLLARS.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the RTA that the Chairman of the Board, or his designee, is authorized to execute a contract with Kenworth of Southeast Louisiana.

THE FOREGOING WAS READ IN FULL; THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

AND THE RESOLUTION WAS ADOPTED ON THE ___ DAY OF _____.

_____

FLOZELL DANIELS
CHAIRMAN
BOARD OF COMMISSIONERS

PROCUREMENT SUMMARY IFB 2021-029

REQUIREMENTS

A Solicit Request Routing Sheet for Outside Bus Maintenance with attached scope of work was received by Procurement from Executive Office on August 24, 2021.

There was no DBE goal for this solicitation.

Procurement Policy:
The Independent Cost Estimate for this procurement is $150,000.00, which exceeds the Small Purchase threshold, therefore in compliance with the Regional Transit Authority of New Orleans Procurement Policies and Procedures Manual, Section VII.B. This procurement shall be conducted through formal advertisement (competitive means).

Procurement Method:
More than one responsive and responsible offeror can meet the solicitation requirements. Specifications furnished by the user department are complete, adesxquate, precise and realistic. No discussions or negotiations will be needed to address technical requirements, award will be made on lowest responsible/responsive bidder. Therefore, the IFB method of solicitation is selected as the method of procurement.

SOLICITATION

Invitation for Bids (IFB) No. 2021-029 Public Notice was published in the The Advocate. The Public Notice and the IFB 2021-029 were posted on the RTA website beginning 10/07/2021. The IFB submittal deadline was 11/2/2021 at 2:00pm.

IFB SUBMITTAL

Bid Opening was held on 11/2/2021 at 2:00pm. Briana Howze handled the receipt of all submissions received. Two (2) bids were received.

DETERMINATION

One (1) bid was determined responsive and provided all required documents. One (1) bid was determinded non-responsive due to not submitting any of the required documents.

SUBMITTAL ANALYSIS

Kenworth	$138 Hourly Rate
Cummins	$136 Hourly Rate (non responsive)

SUMMARY

Based on the information above the Bids received were prepared and sent to Produrement Director for further review. An Administrative Review Form was prepared by Briana Howze. Market research determined that the hourly rate of $138 is fair and reasonable.

Procurement Department: Recommend award be made to lowest responsive/responsible bidder, Kenworth is the lowest responsible bidder and it is in the best interest of RTA to award this contract to Kenworth.

Regional Transit Authority
Solicitation Request Routing Sheet

INSTRUCTION: The user department is responsible for providing all information requested below and securing the requisite signatures.

Attachments
(*Indicates Required Items)

* Scope of Work	Project Schedule/Delivery Date *
Technical Specifications	Selection Criteria (RFQ/RFP Only)
DBE/SBE Goal Calculation	

A. I have reviewed this form and the attachments provided and by signing below I give authority to the below stated Department Representative to proceed as lead in the procurement process.

Raymundo Delgadillo — Director of Bus Maintenanace — 8359
Name — Title — Ext.

B. Name of Project, Service or Product: Out of Shop Repairs

C. Justification of Procurement:

Our Bus Maintenance Department currently has multiple open vacancies, along with 5 mehcanis out on Short Term Disability or Workers Compensation. This reduction in labor has made it difficult to keep up with our aging fleet , and while we are getting newer buses, large majority of our fleet is still form 2008, or 2010.

Many of our Technicians have recently retired, it has become necessary to reach out for assistance from Authorized dealers to assist with diagnostics and advanced bus repairs.

D. Certification of Authorized Grant:

Is this item/specification consistent with the Authorized Grant? Yes No

Director of Grants/ Federal Compliance — **Date** 8/19/21

E. Safety: Include Standard Safety Provisions Only

Additional Safety Requirements Attached

Michael J. Smith — 8/19/21
Safety Director — **Date**

Risk Management: Include Standard Insurance Provisions Only? Yes No

Include Additional Insurance Requirements Attached N/A

RTA

Risk Management Analyst — Date: 8/24/2021

F. Funding Source: Federal State (Local) Other:_____

Funds are specifically allocated in the Department's current fiscal year budget or in a grant to cover this expenditure as follows:

Total Available Funding: $_____

Estimated Cost: $ $150,000

FTA Grant No.(s) _____

Line Item(s) _____

Operations/Department Code _____

Budget Code(s) 1430002.7360.06101

Budget Analyst — Date: 8/20/2021

G. DBE/SBE Goal: 0 % DBE 0 % Small Business

Director of Small Business Development — Date: 8/19/2021

DBE/EEO Compliance Manager — Date: 8/19/2021

H. Authorizations: I have reviewed and approved the final solicitation document.

Department Head — Date: 8-19-2021

Division Manager — Date: 8/24/2021

Director of Procurement — Date: 8/24/21

FOR PROCUREMENT USE ONLY

Type of Procurement Requested: (circle one) **IFB** **RFQ** **RFP** **SS** **TWO-STEP**

Invitation for Bid (IFB) This competitive method of awarding contracts is used for procurements of more than $25,000 in value. The agency knows exactly what and how many of everything it needs in the contract, as well as when and how the products and services are to be delivered. The award is generally based on price.

Request for Quote (RFQ) This type of solicitation is often used to determine current market pricing.

Request for Proposal (RFP) This approach to contracting occurs when the agency isn't certain about what it wants and is looking to you to develop a solution and cost estimate.

Sole Source (SS) this procurement can be defined as any contract entered into without a competitive process, based on a justification that only one known source exists or that only one single supplier can fulfill the requirements.

Two-step Procurment - request for qualifications step-one used in the formal process of procuring a product or service, It is typically used as a screening step to establish a pool of vendors that are then qualified, and thus eligible to submit

responses to a request for price proposal (RFP). In this two-step process, the response to the RFQ will describe the company or individual's general qualifications to perform a service or supply a product, and RFP will describe specific details or price proposals.

Chief Financial Officer	**Date** 8/02/21
Chief Executive Officer	**Date** 8/24/21

Independent Cost Estimate (ICE)

INDEPENDENT COST ESTIMATE SUMMARY FORM

Project Name/Number:

Date of Estimate:

Description of Goods/Services:

Out of Shop Repairs

_X__ New Procurement
___ Contract Modification (Change Order)
___ Exercise of Option

Method of Obtaining Estimate:

Attach additional documentation such as previous pricing, documentation, emails, internet screen shots, estimates on letterhead, etc.

___ Published Price List (attach source and date)

_X_ Historical Pricing (attach copy of documentation from previous PO/Contract)

___ Comparable Purchases by Other Agencies (attach email correspondence)

___ Engineering or Technical Estimate (attach)
___ Independent Third-Party Estimate (attach)

___ Other (specify) _____ attach documentation

___ Pre-established pricing resultingfrom competition (Contract Modification only)

Through the method(s) stated above, it has been determined the estimated

total cost of the goods/services is $ $ 150,000 Per Year

The preceding independent cost estimate was prepared by:

Name

Raymundo Delgadillo

Signature

Regional Transit Authority may, 27, 2021

Scope of work for Cummins, Allison, and Thermoking Engine Diagnostics and repair

NORTA Bus maintenance needs diagnostic services from an authorized Cummins, Allison, & Thermoking. We are looking for on-site diagnostic services and minor repairs, and when needed we could send the vehicle to a local shop or they can do it in our shop. We need 590 hours of labor for a cost 220 per hour including traveling cost. At total cost of $ 130,000 and an estimated miscellaneous expense of $20,000 for a total budget of $150,000.

Thanks,

Raymundo Delgadillo
Director of Bus Maintenance
504-827-8400
Rmoser@rtaforward.org

TECHNICAL SPECIFICATIONS
FOR BUS DIAGNOSTIC AND REPAIRS

1. SCOPE

The RTA requires vehicle diagnostic and repair services for their bus fleet. This service is on an as-needed basis; this includes but is not limited to the following vehicle systems; engines, transmissions, A/C HVAC.

Multiple vendors may be selected if needed to complete the needs of the agency. The term of this agreement would be two years, with a one-year option to renew.

The contractor must be an authorized Cummins, Thermo King, or Allison dealer.

2. APPLICATION AND SIZE

Vehicles include 2008-2012 Orion VII buses (35ft and 40ft buses). New Flyer 60ft Articulated buses. 2019-2021 New Flyer Xcelcior (35 and 40ft buses).

All units are equipped with Allison Transmissions, Thermo King A/C units, and Cummins ISL engines.

3. PERFORMANCE

The specified component shall perform to all Cummins, Tristate, Or Allison OEM standards and specifications upon completion of diagnostics or repairs.

4. QUALITY

Repairs

Only the original manufacturer's parts (OEM) will be allowed. No substitutions or modifications will be allowed or accepted.

OEM engine components parts that have been modified or misapplied, according to the OEM engine supplier's original design and intention, will not be allowed or accepted.

5. DOCUMENTATION

All bidders shall furnish the Regional Transit Authority with their bid, complete with descriptive literature covering and identifying the items to be supplied, including specification sheets and performance data.
Failure to submit the required information and to complete attachment incorrectly shall render a bid non-responsive and shall cause its rejection.

7. DELIVERIES
The contractor must be able to supply on sight support service and diagnostics within 24 hours of being notified of needed services.

RTA agrees to deliver and pick up buses from the Contractor place of business located within fifty (50) miles of the RTA's garage if on sight repairs are not possible.

8. REPAIR
The contractor agrees to complete repairs in a first-class manner within ten (10) business days from delivery.

If a project takes longer than 10 days due to unforeseeable circumstances, RTA must be notified immediately and negotiate a new and acceptable timeline in good faith;.

If the RTA is not notified, the contractor agrees to pay $100 for each day after the ten days the vehicle is not available.

9. PRICING

The price for the supplied specified item shall be a fixed labor rate for the length of the contract period.

Engine hourly labor rate total: _____
Transmission hourly labor rate total: _____
A/C, HVAC hourly labor rate total: _____

Fees:

On Sight Service call charge: _____
Shop Supply fee: _____
Additional Fees: : _____

FLEET COPY: 1
POSTED: 08/06/21 09:52 am CDT

Kenworth of Louisiana - Harahan

1001 Edwards Ave Harahan, Louisiana 70123
Phone: (504) 818-0100

Case Number: 9099724 - Repair Order Number: 11450
Purchase Order Number: n/a
Service Writer: Lovell, Rob - Case Date: 08/04/21 11:12 am CDT

Regional Transit Auth	Unit #: **209**
Address: ATTN:CARMEN CAMPBELL 2817 CANAL BLVD NEW ORLEANS, LA 70119 **Phone:** 0000000000 **Fax:** (504) 648-5239 **Cust #:** 06109	**Asset:** 2010 ORION BUS ORION VII [URBAN 40] **Miles** 500,611 **Serial #:** A6706507 **VIN:** 1VHFH3G23A6706507 **Engine:** Not Supported **Engine Hours:** 5859 A6706507

Complaint:
C/S unit is popping back through the intake. Check and advise.

Operation	Operation	Labor	Parts	Core Charge	Total
1	SANITATION PROCESS	$0.00	$0.00	$0.00	$0.00
2	TRIAGE - DOWNLOAD FAULT CODES CHECK FOR CAMPAIGNS TRIAGE--TRIAGE **Complaint:** C/S unit is popping back through the intake. Check and advise.	$36.90	$0.00	$0.00	$36.90
3	DIAGNOSE DIAGNOSE--099-107-000 **Complaint:** Diagnostic/troubleshooting time for engine related complaints **Cause:** Installed driveshaft. Batteries dead, will not start. Jump started. Ran engine and inspected. Verified engine popping through intake. Removed crossover tube and valve cover. Found #6 exhaust push tube out of line with the exhaust rocker. The top of the push tube was damage and the push tube was bent. Replaced push tube with one on hand. **Correction:** Need to run overhead & run unit at idle to see if popping still occurs.	$258.30	$0.00	$0.00	$258.30
4	CYLINDER HEAD 040--045-007-000 **Complaint:** Run overhead/check & set valve lash **Cause:** Ran the overhead adjustment. All overhead components appeared to be ok. Overhead was slightly out of adjustment. **Correction:** Installed the valve cover and the crossover tube.	$0.00	$0.00	$0.00	$500.00
5	ROAD TEST - VERIFY REPAIR VERIFICATI--ROAD TEST **Complaint:** Regen & road test to verify repairs	$184.50	$0.00	$0.00	$184.50

Notes: *[8/4/2021 at 11:14 am CDT] - Unit was checked in at Kenworth of Louisiana - Harahan, arrival time: .*
Repair status set to Checked-in.

[8/6/2021 at 09:52 am CDT] - Approval Requested for the estimate version 1, total $1,131.36. View the estimate. NOTE: Please review the attached estimate. Let us know if you have any questions. Reply to this case or call us directly with approval. Thank you!
Repair status set to Hold (auth).

Parts:	$0.00
Labor:	$479.70
Core:	$0.00
Haz. Waste:	$14.39
Shop:	$43.17
Freight:	$0.00
Tax:	$94.10
TOTAL:	$1,131.36

NOTICE: The undersigned being the owner or authorized agent for the owner of the above described vehicle, part, or equipment does hereby authorize Kenworth of South Louisiana and its agents, herein after, The Dealer, to perform the above described work and furnish the necessary material on said vehicle part and/or equipment and does herby authorize The Dealer and its agents to operate said vehicle and/or equipment on the streets, highways, or elsewhere as needed to correct complaints described above. The customer is responsible for payment of and for all work performed. Failure to provide payment immediately upon completion of repairs shall result in charges equal to legal interest starting on the date of arrival to The Dealer. In addition to any interest for unpaid repairs, The Dealer shall be entitled to attorney's fees, costs, and expenses. The dealer is not responsible for any valuables left in the vehicle and shall be held harmless for any and all property. The dealer is not responsible for any trailers whatsoever even if left on premises. The shop rate is $140.00 per hour; minimum two hours on all diagnostic work.

ATTENTION CUSTOMERS: Please be aware that if it is determined that in the process of repairing your vehicle your vehicle has been modified from original equipment as approved by its EPA certification Kenworth of Louisiana is required to assemble your unit back into compliance. At this time you will be provided with an estimate to bring the unit into compliance. If you choose not to bring your vehicle into compliance, all additional work on your vehicle will cease and you will be required to pay any and all associated costs for work performed to your vehicle up to that point, even if the repair is incomplete. Failure to accept this estimate of repairs will release Kenworth of Louisiana from any and all liability for workmanship or additional costs and expenses due to the illegal emissions modifications to your vehicle. We are also required by law to report these modifications to the truck OEM and engine manufacturer, both of which will void your warranty and those parties may choose to report the modifications to the EPA.

FLEET COPY: 1
POSTED: 08/03/21 12:15 pm CDT

Kenworth of Louisiana - Harahan

1001 Edwards Ave Harahan, Louisiana 70123
Phone: (504) 818-0100

PACCAR SOLUTIONS

Case Number: 9058221 - Repair Order Number: 11396
Purchase Order Number: n/a
Service Writer: Stokes, Justin - Case Date: 07/28/21 01:55 pm CDT

Regional Transit Auth	Unit #: **706381** 194
Address: ATTN:CARMEN CAMPBELL 2817 CANAL BLVD NEW ORLEANS, LA 70119	**Asset:** 2010 ORION BUS **Miles** 189,565 **Serial #:** A6706381 **VIN:** 1VHFH3G27A6706381 **Engine:** ISL **Engine Hours:** 2743
Phone: 0000000000 **Fax:** (504) 648-5239 **Cust #:** 06109	A6706381

Complaint:
C/R please inspect and advise the following concerns. 1. Head gasket is leaking.

Operation	Operation	Labor	Parts	Core Charge	Total
1	SANITATION PROCESS	$0.00	$0.00	$0.00	$0.00
2	TRIAGE - DOWNLOAD FAULT CODES CHECK FOR CAMPAIGNS TRIAGE--TRIAGE **Complaint:** C/R please inspect and advise the following concerns. 1. Head gasket is leaking.	$36.90	$0.00	$0.00	$36.90
3	DIAGNOSE DIAGNOSE--099-107-000 **Complaint:** Diagnostic/troubleshooting time for head gasket leak	$258.30	$0.00	$0.00	$258.30
4	CYLINDER HEAD 040--045-007-000 **Parts:** (1.0) ELEMENT-CRANKCASE VENTILATIO, (1.0) FILTER-LUBE, (1.0) GASKET,CYLINDER HEAD, (1.0) KIT, (6.0) CLEANER -NON-CHLORINATED BRK HIGH V.O, (6.0) ROTELLA 15W40 CJ4 GALLON **Complaint:** Replace head gasket set	$4,489.50	$353.56	$0.00	$4,843.06

Notes: *[7/28/2021 at 02:06 pm CDT] - Unit was checked in at Kenworth of Louisiana - Harahan, arrival time: .*
Repair status set to Checked-in.

[7/29/2021 at 11:59 am CDT] - Good evening Team. We are currently waiting on a tech to become available to proceed with repairs.

[8/3/2021 at 12:15 pm CDT] - Approval Requested for the estimate version 1, total $5,908.98. View the estimate. NOTE: Please review the attached estimate to replace head gasket.. Let us know if you have any questions. Reply to this case or call us directly with approval. Thank you!
Repair status set to Hold (auth).

Parts:	$353.56
Labor:	$4,784.70
Core:	$0.00
Haz. Waste:	$25.00
Shop:	$250.00
Freight:	$0.00
Tax:	$495.72
TOTAL:	$5,908.98

NOTICE: The undersigned being the owner or authorized agent for the owner of the above described vehicle, part, or equipment does hereby authorize Kenworth of South Louisiana and its agents, herein after, The Dealer, to perform the above described work and furnish the necessary material on said vehicle part and/or equipment and does herby authorize The Dealer and its agents to operate said vehicle and/or equipment on the streets, highways, or elsewhere as needed to correct complaints described above. The customer is responsible for payment of and for all work performed. Failure to provide payment immediately upon completion of repairs shall result in charges equal to legal interest starting on the date of arrival to The Dealer. In addition to any interest for unpaid repairs, The Dealer shall be entitled to attorney's fees, costs, and expenses. The dealer is not responsible for any valuables left in the

Tri State Refrigeration, Inc.

334 Butterworth Street - Jefferson, LA 70121
Phone: (504) 733-9581 - Fax: (504) 733-4631
www.tsrtk.com

THERMO KING

Remit To:
7387 E. Industrial Ave.
Baton Rouge, LA 70805

NET 30 DAYS

SOLD TO
S0423 RTA
COST CENTER#460
2817 CANAL STREET
NEW ORLEANS, LA 70119

SHIP TO
TRI STATE REFRIGERATION INC.
334 BUTTERWORTH ST.
JEFFERSON, LA 70121

INVOICE#

TK ATHENIA SN: 3000153298 HR 1944.0 W:00
Sold By: 25 PO #: 913319 Date 7/22/21 WORK ORDER WS41913
Ship By: Tax #: 13:41:04 PRT: 3

Tax	D	Qty	Description		Price	Amount
			Customer Unit: 274 Group: 01			
			COMPLAINT:			
			CHECK AND ADVISE			
			CORRECTION:			
			06/01/2021-CUSTOMER CAME INTO SHOP. INSPECTED OVER AND FOUND CONDENSER LEAKING AND BOTH BAD EXPANSION VALVES. MADE UP QUOTE FOR REPAIRS AND SENT TO CUSTOMER FOR APPROVAL. GOT APPROVAL AND ORDERED PARTS.			
			07/21/2021-REPAIR AS PER QS03879. R/R CURBSIDE CONDENSER AND BOTH EXPANSION VALVES. R/R DRIER. LEAK CHECKED SYSTEM WITH NITROGEN. EVACUATED AND CHARGED SYSTEM. RAN AND CHECKED OPERATIONS.			
			LABOR A/C			
				** TOTAL LABOR A/C		1374.11
			PARTS SHOP			
00000		1	TK 67-2503	COIL ASSY C	3094.71	3094.71
00000		1	TK 306-221	DRIER FILTE J-6-8	70.09	70.09
00000		25	CG 2030743	FREON,R407C	18.00	450.00
00000		2	TK 61-5328	VALVE, EXP H 5-0	236.63	473.26
00000		1	TK 880007	NITROGEN	9.50	9.50
00000		1	JS 562-010	ROD,BLUE-45	47.00	47.00
00000		4	MEI 8990	A/C INSUL T M 3-4	.48	1.92
				** TOTAL PARTS SHOP		4146.48
			SHOP SUPPLIES			
00000			SUPPLIES			50.00
			ENVIRO FEES			
00000		1	ENVIRONMENTAL FEES		21.50	21.50

CORES MUST BE RETURNED WITHIN 30 DAYS TO RECEIVE CREDIT

** SUBTOTAL 5592.09

X_____ Charge Sale

Phone: (504)827-8478

PAY THIS AMOUNT $5592.09

World Leader In Transport Refrigeration

ACCOUNTS RECEIVABLE
P.O. Box 377
Brandon, FL 33509-0377
(813) 540 1919
ar@rtsallison.com

NEW ORLEANS BRANCH
129 Industrial Drive
Slidell, LA
(985) 200-0400
www.rtsallison.com

RELIABLE TRANSMISSION SERVICE, INC
BECAUSE ALLISON IS ALL WE DO.™

*** Customer Review ***

Date / Time: 7/15/2021 8:18:56AM
Repair Order: 107
Customer: 12047
Branch: SLA
Invoice Total: $ 8,824.00

Charge

Bill To: NEW ORLEANS REGIONAL TRANSIT AUTHORITY
2817 CANAL ST.
NEW ORLEANS, LA 70119
Shop: 504-827-8400 Fax: 504-648-5080

Ship To: NEW ORLEANS REGIONAL TRANSIT AUTHO
2817 CANAL ST.
NEW ORLEANS, LA 70119

Customer P/O: REQUIRED nschmitt

Completion Date:

Unit Number: 266 **Model Year: 2022** **Make/Model: Van Hool Bus C2405**
Type: Tour Bus **VIN: 1VHFH3G23A6706877**

Task: 1 SC **Service Call** **Department: Field Svc**

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
	Labor Quote: 222.00					

Task Subtotals

Parts:	$0.00
Core Chg:	$0.00
Core Ret:	$0.00
EHC:	$0.00
Labor:	$222.00
Miscellaneous:	$0.00
Task 1 Subtotals:	$222.00

Task: 2 R&R **Remove Or Replace Trans** **Department: Field Svc**
Complaint: CUSTOMER REQUESTS AN EXCHANGE TRANSMISSION WITH LABOR

Supp.	Part	Description / Ref Number		U/M	Quantity	Price	Extended Price
	E017124	Transmission	Part	EA	1.00	4,825.00	4,825.00
	Stocking Number: E017124-C	Serial Number:					
		Transmission -Core	Inherent		1.00	1,600.00	1,600.00
	Labor Quote: 1,600.00						

Task Subtotals

Parts:	$4,825.00
Core Chg:	$1,600.00
Core Ret:	$0.00
EHC:	$0.00
Labor:	$1,600.00
Miscellaneous:	$0.00
Task 2 Subtotals:	$8,025.00

Task: 3 SR **Service Or Repair Of Trans** **Department: Field Svc**
Complaint: REMOVE FAILED UNIT AND TAKE BACK TO OUR SHOP AND CHECK COOLER.

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price

ACCOUNTS RECEIVABLE
P.O. Box 377
Brandon, FL 33509-0377
(813) 540 1919
ar@rtsallison.com

NEW ORLEANS BRANCH
129 Industrial Drive
Slidell, LA
(985) 200-0400
www.rtsallison.com

RELIABLE TRANSMISSION SERVICE, INC
"BECAUSE ALLISON IS ALL WE DO!"

*** Customer Review ***

Date / Time:	7/15/2021 8:18:56AM
Repair Order:	107
Customer:	12047
Branch:	SLA
Invoice Total:	$ 8,824.00

Charge

Bill To: NEW ORLEANS REGIONAL TRANSIT AUTHORITY
2817 CANAL ST.
NEW ORLEANS, LA 70119
Shop: 504-827-8400 Fax: 504-648-5080

Ship To: NEW ORLEANS REGIONAL TRANSIT AUTHO
2817 CANAL ST.
NEW ORLEANS, LA 70119

Customer P/O: REQUIRED nschmitt Completion Date:

Labor Quote: 280.00

Task Subtotals

Parts:	$0.00
Core Chg:	$0.00
Core Ret:	$0.00
EHC:	$0.00
Labor:	$280.00
Miscellaneous:	$0.00
Task 3 Subtotals:	$280.00

Task: 4 SC **Service Call** **Department: Field Svc**

Complaint: TRAVEL BACK TO CUSTOMERS LOCATION AND INSTALL NEXT DAY.

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price

Labor Quote: 222.00

Task Subtotals

Parts:	$0.00
Core Chg:	$0.00
Core Ret:	$0.00
EHC:	$0.00
Labor:	$222.00
Miscellaneous:	$0.00
Task 4 Subtotals:	$222.00

ACCOUNTS RECEIVABLE
P.O. Box 377
Brandon, FL 33509-0377
(813) 540 1919
ar@rtsallison.com

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129 Industrial Drive
Slidell, LA
(985) 200-0400
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RELIABLE TRANSMISSION SERVICE, INC
BECAUSE ALLISON IS ALL WE DO!

*** Customer Review ***

Date / Time:	7/15/2021 8:18:56AM
Repair Order:	107
Customer:	12047
Branch:	SLA
Invoice Total:	$ 8,824.00

Charge

Bill To: NEW ORLEANS REGIONAL TRANSIT AUTHORITY
2817 CANAL ST.
NEW ORLEANS, LA 70119
Shop: 504-827-8400 Fax: 504-648-5080

Ship To: NEW ORLEANS REGIONAL TRANSIT AUTHO
2817 CANAL ST.
NEW ORLEANS, LA 70119

Customer P/O: REQUIRED nschmitt

Completion Date:

Customer Tax ID:

Totals

Total Parts:	**$4,825.00**
Total Core Chg:	**$1,600.00**
Total Core Ret:	**$0.00**
Total EHC:	**$0.00**
Total Labor:	**$2,324.00**
Total Miscellaneous:	**$0.00**
Total Shop Supplies:	**$75.00**
Invoice Subtotal:	**$8,824.00**
Total Tax:	**$0.00**
Invoiced Total:	**$8,824.00**

Payment Method

Charge

Regional Transit Authority
Administrative Review Form

Project Name: Outside Bus Maintenance

Type of Solicitation: IFB 2021-029 DBE/SBE Participation Goal: 0% Number of Respondents: 2

Prime, Primary Contact and Phone Number	DBE and Non-DBE Subconsultants	DBE Commitment Percentage	Price (RFP and ITB ONLY)
Prime KENWORTH	N/A	0%	$138 Hourly Rate
Prime Cummins	N/A	0%	$136 Hourly Rate

*Indicates certified DBE or SLDBE firm that will contribute to the project's participation goal

Prime Firm Name	Required Items								
	LA Uniform Public Work Bid	Non-Collusion	Debarment Prime	Debarment Lower	Restrictions on Lobbying	Buy America Compliance	Participant Info	Affidavit of Fee Disposition	Addenda
Kenworth	Y	Y	Y	Y	Y	N/A	Y	N/A	Y
Cummins	N	N	N	N	N	N/A	N	N/A	N

Review and verification of the above required forms, the below listed vendor is hereby found responsive to this procurement.

Vendor Name: KENWORTH.

Certified by: Name and Title Briana Howze, Contract Administrator I

Procurement Personnel Only

Prime Firm Name	Bid Bond	Insurance	Responsiveness Determination	Responsible Determination					
			Certifications /Licenses	Facilities/ Personnel	SAM.Gov	Previous Experience	Years in Business	Financial Stability	LA License No. if required
KENWORTH	N/A	Y	Y	N/A	Y	Y	50	Y	N/A
Cummins	N/A	N	N	N/A		Y		Y	

Review and verification of the above "checked" forms, the below listed vendor is hereby found responsible for award of this procurement.

Vendor Name: KENWORTH.

Certified by: Name and Title Briana Howze, Contract Administrator I

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-040 **Finance Committee**

Leadership & Change Management Training

DESCRIPTION: Leadership & Change Management Training	AGENDA NO: Click or tap here to enter text.
ACTION REQUEST: ☒ Approval ☐ Review Comment ☐ Information Only ☐ Other	

RECOMMENDATION:

Authorize the Chief Executive Officer to award a contract for leadership & change management training to the Omni Group for a not-to-exceed amount of $270,000.00.

ISSUE/BACKGROUND:

The RTA is in need of developing required strategies and resources when it comes to leadership & change management training since the transition of operations and maintenance which warrants a consulting firm to assist and lead the New Orleans Regional Transit Authority (NORTA) with (1) developing change management strategies associated with creating a training pipeline for supervisors to mid-level managers and (2) implementing an internal leadership academy to prepare their employees for future leadership opportunities within the organization and (3) developing change management strategies for executives to incorporate into daily operations and work plans.

DISCUSSION:

The RTA has a new leadership team that requires foundational leadership training that will be developed and implemented over the next eighteen months for current leaders and continuous for new leaders within the agency to ensure all leaders are operating from the same or similar leadership knowledge, skills and ability while incorporating change management into our daily work to be effective leaders to construct and permanently operate a high-capacity system of transportation infrastructure and services to meet regional public transportation needs in the New Orleans region.

FINANCIAL IMPACT:

The fiscal impact will be $270,000.00 that has been budgeted via HR to complete

NEXT STEPS:

Upon approval let the contract to plan, initiate and complete the Leadership and Change Management training

ATTACHMENTS:

1. Resolution

2. Administrative Review From
3. ICE Form
4. Procurement Summary
5. Solicitation Request Routing Sheet

Prepared By: Darwyn Anderson
Title: Chief Human Resources Officer

Reviewed By: Gizelle Banks
Title: Chief Financial Officer

3/18/2022

Alex Wiggins
Chief Executive Officer

Date

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6307

RESOLUTION NO. _____

STATE OF LOUISIANA
PARISH OF ORLEANS

AUTHORIZATION FOR CONTRACT SERVICES FOR LEADERSHIP AND CHANGE MANAGEMENT TRAINING

Introduced by Commissioner _____, seconded by Commissioner _____.

A RESOLUTION of the Board of the Regional Transit Authority (RTA) adopting a contract for Leadership and Change Management training for agency leaders to include executives.

WHEREAS, the RTA's CEO is authorized to contract with the Omni Group not to exceed $270,000.00 to assist the RTA with developing leadership and change management strategies; and

WHEREAS, the firm must utilize research-based best practices/trends in the public transportation industry to impact institutional change within the RTA; and

WHEREAS, the leadership training will create a training pipeline for supervisors to mid-level managers and implementing an internal leadership academy to prepare RTA's employees for future leadership opportunities within the organization and developing change management strategies for executives to incorporate into daily operations and workplans; and

WHEREAS, the design and development of an internal RTA Leadership Academy that will focus on effective communication, quality customer service, core business processes, essential management skills, team building, adequate accident/incident report writing, and managing conflict in the workplace; and

WHEREAS, RTA's employees will engage in job embedded activities designed to meet the various learning styles through individualized and small group instruction, transit-oriented role-playing, scenarios, case studies, discussions, and videos; and

WHEREAS, the firm will determine the effectiveness of the training by conducting a pre- and post-evaluation inclusive of a self-evaluation method, data collection, and an analysis of outcomes/results; and

WHEREAS, the leadership and change management training will assist the RTA in accomplishing World-class rider experience, Innovation, Regionalization, Equity, and Workforce Development; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of the Regional Transit Authority hereby approves the attached Leadership and Change Management procurement.

THE FOREGOING WAS READ IN FULL; THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____
NAYS: _____
ABSTAIN: _____
ABSENT: _____

AND THE RESOLUTION WAS ADOPTED ON THE __th DAY OF MONTH, 2021.

_____
FLOZELL DANIELS, JR.
CHAIRMAN
RTA BOARD OF COMMISSIONERS

Regional Transit Authority
Administrative Review Form

Project Name: Leadership Change Management

Type of Solicitation: RFP 2021-027 DBE/SBE Participation Goal: 100% Number of Respondents: 5

Prime, Primary Contact and Phone Number	DBE and Non-DBE Subconsultants	DBE Commitment Percentage	Price (RFP and IFB ONLY)
C. Robinson	N/A	100% SB	
Center for Strategy & Realization	N/A	100% SB	194,000.00
Lumenor Consulting	N/A	100% SB	500,000.00
Omni Group	N/A	100% SB	257,197.05
Robert Bobb Group	N/A	100% SB	

*Indicates certified DBE or SLDBE firm that will contribute to the project's participation goal

Prime Firm Name	Required Items								
	LA Uniform Public Work Bid	Non-Collusion	Debarment Prime	Debarment Lower	Restrictions on Lobbying	Buy America Compliance	Participant Info	Affidavit of Fee Disposition	Addenda
C. Robinson	Y	Y	Y	Y	Y	N/A	Y	Y	Y
Center for Strategy & Realization	Y	Y	Y	Y	Y	N/A	Y	Y	Y
Lumenor Consulting	Y	Y	Y	Y	Y	N/A	Y	Y	Y
Omni Group	Y	Y	Y	Y	Y	N/A	Y	Y	Y
Robert Bobb Group	Y	Y	Y	Y	Y	N/A	Y	Y	Y

Review and verification of the above required forms, the below listed vendor is hereby found responsive to this procurement.

Vendor Name: Omni Group .

Certified by: Name and Title Briana Howze, Contract Administrator

Procurement Personnel Only

Prime Firm Name	Bid Bond	Insurance	Responsiveness Determination	Responsible Determination					
			Certifications /Licenses	Facilities/ Personnel	SAM.Gov	Previous Experience	Years in Business	Financial Stability	LA License No. if required
C. Robinson	N/A	Y	Y	N/A	Y	Y		N/A	N/A
Center for Strategy & Realization	N/A	Y	Y	N/A	Y	Y		N/A	N/A
Lumenor Consulting	N/A	Y	Y	N/A	Y	Y		N/A	N/A
Omni Group	N/A	Y	Y	N/A	Y	Y		N/A	N/A
Robert Bobb Group	N/A	Y	Y	N/A	Y	Y		N/A	N/A

Review and verification of the above "checked" forms, the below listed vendor is hereby found responsible for award of this procurement.

Vendor Name: Omni Group.

Certified by: Name and Title Briana Howze, Contract Administrator

Independent Cost Estimate (ICE)

INDEPENDENT COST ESTIMATE SUMMARY FORM

Project Name/Number: Organizational Leadership Training and Change Management

Date of Estimate:

Description of Goods/Services: Training for leadership to include change management

_____

_X__ New Procurement
___ Contract Modification (Change Order)
___ Exercise of Option

Method of Obtaining Estimate: Estimate based on price received by NICE Bus solicitation number E3263R for similar item.

Attach additional documentation such as previous pricing, documentation, emails, internet screen shots, estimates on letterhead, etc.

___ Published Price List (attach source and date)

___ Historical Pricing (attach copy of documentation from previous PO/Contract)

___ Comparable Purchases by Other Agencies (attach email correspondence)

___ Engineering or Technical Estimate (attach)
___ Independent Third-Party Estimate (attach)

XX___ Other (specify) _after contacting transit agencies via APTA and research an estimation was determined and may need to adjust based on bids.

___ Pre-established pricing resulting from competition (Contract Modification only)

Through the method(s) stated above, it has been determined the estimated total cost of the goods/services is $_150,000.00_____

The preceding independent cost estimate was prepared by:

Darwyn Anderson
_____
Name

_____
Signature 9/30/2021

PROCUREMENT SUMMARY-RFP 2021-027

REQUIREMENTS

A Solicit Request Routing Sheet for Leadership Change Management with attached scope of work was received by Procurement from Executive Office on April 7, 2021.

SOLICITATION

Request for Proposal (RFP) No. 2021-027 Public Notice was published in The Advocate. The Public Notice and the RFP 2021-027 was posted on the RTA website beginning 10/1/21. The RFP submittal deadline was 11/2/21 at 4:00pm.

RFP SUBMITTAL

Submittal deadline was on 11/2/21 at 4:00pm. Briana Howze handled the receipt of all submissions received. Five (5) proposals were received.

DETERMINATION

Five (5) responsive proposals were received.

SUBMITTAL ANALYSIS

Respondents	Required Forms
C. Robinson	ALL SUBMITTED
Center for Strategy & Realization	ALL SUBMITTED
Lumenor Consulting	ALL SUBMITTED
Omni Group	ALL SUBMITTED
Robert Bobb Group	ALL SUBMITTED

SUMMARY

An Administrative Review was prepared by Briana Howze.

The Technical Evaluation Committee meeting was held on Thursday, February 3, 2022 at 11:00 AM in the via Teams.

The Technical Evaluation Committee was selected and authorized by Gizelle Banks and was comprised of:

Helen Valenzuela
Lona Hankins
Gisele Williams

The Technical Evaluation Committee scoring was as follows:

C. Robinson	203
Center for Strategy & Realization	246
Lumenor Consulting	180
Omni Group	244
Robert Bobb Group	208

A second Technial Evaluation was completed on February 17, 2022 at 1:00 PM via Teams with interviews and presentations by the top 2 highest scoring bidders.

The Technical Evaluation Committee scoring for stage 2 was as follows:

Center for Strategy & Realization	246
Omni Group	274

Omni Group was the highest scorer in stage 2 of evaluations. Omin Group cost has been determined to be fair and reasonable and is recommended for award.

RTA

Regional Transit Authority
Solicitation Request Routing Sheet

INSTRUCTION: The user department is responsible for providing all information requested below and securing the requisite signatures.

Attachments
(*Indicates Required Items)

* Scope of Work	Project Schedule/Delivery Date *
Technical Specifications	Selection Criteria (RFQ/RFP Only)
DBE/SBE Goal Calculation	

A. I have reviewed this form and the attachments provided and by signing below I give authority to the below stated Department Representative to proceed as lead in the procurement process.

Darwyn Anderson/Helen Valenzuela _____ Chief Human Resources Officer/ Director of Professional Standards & Training _____
Name Title Ext.

_____ March 26, 2021
Department Head Signature **Date**

B. Name of Project, Service or Product: Leadership & Change Management Training

- Justification of Procurement: since the transition of operations and maintenance is now under the complete authority of the New Orleans Regional Transit Authority (NORTA) requires the professional services of a qualified consultant, with transit industry experience, to advise the agency on Change Management strategies, and to create structured processes with complete toolsets for addressing change management at the individual and organizational level for its employees, supervisors, and mid-level managers to assist the RTA in accomplishing the following goals -World-class rider experience, Innovation, Regionalization, Equity, and Workforce Development.

C.

D. Certification of Authorized Grant: NA

Is this item/specification consistent with the Authorized Grant? Yes (No)

_____ 4-7-21
Director of Grants/ Federal Compliance **Date**

E. Safety: Include (Standard) Safety Provisions Only

Additional Safety Requirements Attached

_____ 3/26/21

RTA

Safety Director

Date

Risk Management: Include Standard Insurance Provisions Only? Yes No

Include Additional Insurance Requirements Attached N/A

Risk Management Analyst

3/26/2021

Date

F. Funding Source: Federal State Local Other:

Funds are specifically allocated in the Department's current fiscal year budget or in a grant to cover this expenditure as follows:

Total Amount Available $

Projected Cost $ $150,000

Previous Cost (if applicable) $

FTA Grant No.(s)

Line Item(s)

Operations/Department Code

Budget Code(s) 1210002.7070.176

EA

Budget Analyst

4/7/21

Date

G. DBE/SBE Goal: 0 % DBE 100 % Small Business

Director of Small Business Development

Date

Kozah L. Cauthorne

DBE/EEO Compliance Manager

4/8/21

Date

H. Authorizations: I have reviewed and approved the final solicitation document.

*

Department Head Signature

Date

*

Division Manager

Date

Director of Procurement

4/7/21

Date

FOR PROCUREMENT USE ONLY

Type of Procurement Requested: (circle one) **IFB** **RFQ** **RFP** **SS** **TWO-STEP**

Invitation for Bid (IFB) This competitive method of awarding contracts is used for procurements of more than $25,000 in value. The agency knows exactly what and how many of everything it needs in the contract, as well as when and how the products and services are to be delivered. The award is generally based on price.

Request for Quote (RFQ) This type of solicitation is often used to determine current market pricing.

* see page #1 & 8; section A

Request for Proposal (RFP) This approach to contracting occurs when the agency isn't certain about what it wants and is looking to you to develop a solution and cost estimate.
Sole Source (SS) this procurement can be defined as any contract entered into without a competitive process, based on a justification that only one known source exists or that only one single supplier can fulfill the requirements.
Two-step Procurment - request for qualifications step-one used in the formal process of procuring a product or service, It is typically used as a screening step to establish a pool of vendors that are then qualified, and thus eligible to submit responses to a request for price proposal (RFP). In this two-step process, the response to the RFQ will describe the company or individual's general qualifications to perform a service or supply a product, and RFP will describe specific details or price proposals.

Chief Financial Officer — **Date** 4/8/21

See email dated 4/9/21 Attached
Chief Executive Officer — **Date**

Scope of Work

Objective: The New Orleans Regional Transit Authority (NORTA) requires the professional services of a qualified consultant, with transit industry experience, to advise the agency on Change Management strategies, and to create structured processes with complete toolsets for addressing change management at the individual and organizational level for its employees, supervisors, and mid-level managers.

This scope seeks the services of a management consultant with transit industry experience to work with the executive leadership team to prioritize and implement change management strategies with a focus of structured and intentional deployment of change management across and throughout the agency.

Independent Cost Estimate (ICE)

INDEPENDENT COST ESTIMATE SUMMARY FORM

Project Name/Number: Leadership and Change Management Training

Date of Estimate:

Description of Goods/Services: Training for leadership to include change management

_____

_X__ New Procurement
___ Contract Modification (Change Order)
___ Exercise of Option

Method of Obtaining Estimate: Estimate based on price received by NICE Bus solicitation number E3263R for similar item.

Attach additional documentation such as previous pricing, documentation, emails, internet screen shots, estimates on letterhead, etc.

___ Published Price List (attach source and date)

___ Historical Pricing (attach copy of documentation from previous PO/Contract)

___ Comparable Purchases by Other Agencies (attach email correspondence)

___ Engineering or Technical Estimate (attach)
___ Independent Third-Party Estimate (attach)

XX___ Other (specify) _after contacting transit agencies via APTA and research an estimation was determined and may need to adjust based on bids.

___ Pre-established pricing resulting from competition (Contract Modification only)

Through the method(s) stated above, it has been determined the estimated

total cost of the goods/services is $_150,000.00_____

The preceding independent cost estimate was prepared by:

Darwyn Anderson
_____
Name

_____

4/6/2021
Signature

Baptiste, Ronald Jr

From: Anderson, Darwyn
Sent: Friday, April 9, 2021 2:37 PM
To: Wiggins, Alex
Cc: Baptiste, Ronald Jr
Subject: RE: RFP - Training & Class/Comp

Thanks
dba

From: Wiggins, Alex <awiggins@rtaforward.org>
Sent: Friday, April 9, 2021 2:36 PM
To: Anderson, Darwyn <danderson@rtaforward.org>
Cc: Baptiste, Ronald Jr <rbaptistejr@rtaforward.org>
Subject: Re: RFP - Training & Class/Comp

Absolutely. I approve and can sign on Monday. Let's publish today if we can. Thanks

Alex Z. Wiggins
Chief Executive Officer
New Orleans Regional Transit Authority

Sent from my iPhone

On Apr 9, 2021, at 12:28 PM, Anderson, Darwyn <danderson@rtaforward.org> wrote:

Alex,
The last signature is yours before the above RFPs move forward. I'm hoping that you can give the okay by email to move forward and we obtain your signature upon your return to the office. I did not want to reach out to Donna or Katherine because of the family matters each are dealing with today.
Thanks
dba

Darwyn B. Anderson
Chief Human Resources Officer

<image001.png>
New Orleans *R*egional *T*ransit *A*uthority
2817 Canal Street • New Orleans, LA 70119
Office: 504.827.8409
danderson@rtaforward.org

<Classification Compensation Health Benefits Retirement.pdf>
<Leadership Training and Change Management.pdf>

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-050 **Finance Committee**

Clever Device Maintenance Agreement

DESCRIPTION: Clever Device Maintenance Agreements	AGENDA NO: Click or tap here to enter text.
ACTION REQUEST: ☒ Approval ☐ Review Comment ☐ Information Only ☐ Other	

RECOMMENDATION:

Authorize the Chief Executive Officer to award a contract to Clever Devices Intelligent Transportation Systems (ITS) Hardware and software products for maintenance.

ISSUE/BACKGROUND:

The Clever Devices system was installed four years ago, and our current maintenance contract has expired. It is incumbent upon the agency to have a standing software and hardware maintenance agreement to ensure the reliability of our CAD/Clever device system.

DISCUSSION:

Clever Devices provides RTA with Computer Aid Dispatch and Automatic Vehicle Locations. This system will allow dispatchers to remotely monitor drivers and passengers on our buses and streetcars via cameras or captured data through the installed technology. The system provides data that will determine the vehicle's health in real-time, location, how many passengers are on board, what driver is assigned to the vehicle, speed, and on-time performance.

The maintenance agreement will provide the agency with software updates and support, hardware repair or replacement on vehicles, technical support on all modules of Clever Devices, GTFS uploads for schedules. This contract will be managed by the Information Technology Department.

FINANCIAL IMPACT:

The cost of this contract will be $354,466.80 and will be funded from the multi-modal account 1.1117.

NEXT STEPS:

Upon RTA Board approval, staff will assign a purchase order.

ATTACHMENTS:

1. Board Resolution
2. Sole Source/Routing sheet
3. Clever Devices Terms of Agreement

Prepared By: Ryan Moser
Title: Fleet Technology Manager

Reviewed By: Sterlin Stevens
Title: Director of Information Technology

Reviewed By: Gizelle Banks
Title: Chief Financial Officer

3/11/2022

Alex Wiggins
Chief Executive Officer

Date

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

RESOLUTION NO. _____

STATE OF LOUISIANA

PARISH OF ORLEANS

AUTHORIZATION TO AWARD A CONTRACT TO CLEVER DEVICE FOR HARDWARE AND SOFTWARE MAINTENANCE

Introduced by Commissioner _____, seconded by Commissioner _____.

WHEREAS, the Chief Executive Officer of the RTA has the need to purchase a maintenance contract for our Clever Devices Systems; and

WHEREAS, This system will allow our dispatchers to remotely monitor drivers and passengers on all modes of transportation via cameras or captured data through onboard technology; and

WHEREAS, this maintenance agreement will provide the agency with software updates and support, hardware replacement on vehicles, technical support on all modes of the Clever Devices, GTFS uploads for schedules; and

WHEREAS, RTA's Disadvantage Business Compliance Manager determined that there was no DBE goal set for this project since there are no subcontracting opportunities; and

WHEREAS, staff evaluated all cost components submitted by vendor and determined the price to be fair and reasonable; and

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

WHEREAS, it is the opinion of the RTA Board of Commissioners that the purchase of a Clever Devices Maintenace contract is critical to maintaining the function, reliability, and support of the revenue services on behalf of the Regional Transit Authority; and

WHEREAS, funding for the above-stated project is made available through local funding in the amount of THREE HUNDRED FIFTY-FOUR THOUSAND FOUR HOUNDRED SIXTY-SIX DOLLARS AND EIGHTY CENTS.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the RTA that the Chairman of the Board, or his designee, is authorized to execute a contract with Clever Devices for hardware warranty and software maintenance.

THE FOREGOING WAS READ IN FULL, THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

AND THE RESOLUTION WAS ADOPTED ON THE ____ DAY OF _____.

_____

FLOZELL DANIELS
CHAIRMAN
BOARD OF COMMISSIONERS

Regional Transit Authority
SOLE SOURCE JUSTIFICATION FORM
FOR TRANSACTION OVER $25,000

FOR PROCUREMENT USE ONLY:
FTA C 4220.1F states: Sole Source Justification - If the recipient decides to solicit an offer from only one source, the recipient must justify its decision adequately considering the standards of subparagraph 3.i(1)(b) of this Chapter. This procurement can be defined as any contract entered without a competitive process. based on a justification that only one known source exists or that only one single supplier can fulfill the requirements. FTA expects this sole source justification to be in writing.

1. The materials/services listed on Requisition number 105662 is available from only one source and competition is precluded for reasons indicated below. There are no substitutes available.

2. This acquisition is restricted to the following source:

Manufacturer: Clever Devices
Manufacturer Address: 300 Crossways Park Dr. Woodbury, NY 11797
Manufacturer's Dealer/Representative: Walter Weichselbaumer
Dealer/Representative Address and Phone Number: 516-433-6100

3. Description of the materials/service required, the estimated cost, and required delivery date. Clever Device Maintenance is used to maintain our software version, trouble issues, warranty replacement on all Clever equipment and uploading new schedule changes.

4. Specific characteristics of the materials/service that limit the availability to a sole source are unique features and functionality of the system. This application is customized to our specific needs.

5. Check and fill in all that are applicable:

- ☐ The material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed. Describe the equipment you have now and how the new materials/service must coordinate, connect, or interface with the existing system:
- ☑ A patent, copyright, or proprietary data limits competition. The proprietary data are described as follows:
- ☐ These are "direct replacement" parts/components for existing equipment.
- ☐ Other information to support a sole source buy:

(a) Sole Source. When the recipient requires supplies or services available from only one responsible source, and no other supplies or services will satisfy its requirements, the recipient may make a sole source award. When the recipient requires an existing contractor to make a change to its contract that is beyond the scope of that contract, the recipient has made a sole source award that must be justified.

Unique Capability or Availability. The property or services are available from one source if one of the conditions described below is present:

Unique or Innovative Concept. The offeror demonstrates a unique or innovative concept or capability not available from another source. Unique or innovative concept means a new, novel, or changed concept, approach, or method that is the product of original thinking, the details of which are kept confidential or are patented or copyrighted and is available to the recipient only from one source and has not in the past been available to the recipient from another source.

Patents or Restricted Data Rights. Patent or data rights restrictions preclude competition.

Substantial Duplication Costs. In the case of a follow-on contract for the continued development or production of highly specialized equipment and major components thereof, when it is likely that award to another contractor would result in substantial duplication of costs that are not expected to be recovered through competition.

Unacceptable Delay. In the case of a follow-on contract for the continued development or production of a highly specialized equipment and major components thereof, when it is likely that award to another contractor would result in unacceptable delays in fulfilling the recipient's needs.

CERTIFICATION

I certify that statements checked, and information provided above are complete and correct to the best of my knowledge. I understand that the processing of this Sole-Source Justification precludes the use of full and open competition.

Stuart J Stu — 2/11/2022

Requestor **Date**

A. I have reviewed this form and the attachments provided and by signing below I give authority to the above stated department representative to proceed as lead in the procurement process.

Stuart J Stu — 2/11/2 Director of I.T.

Department Head **Title**

B. Certification of Authorized Grant:

Is this item/specification consistent with the Authorized Grant? Yes No

RTA

Director of Grants/ Federal Compliance — **Date**

C. Safety: Include Standard Safety Provisions Only

Additional Safety Requirements Attached

Safety Director — **Date** 2/11/22

Risk Management: Include Standard Insurance Provisions Only? Yes No

Include Additional Insurance Requirements Attached N/A

Risk Management Analyst — **Date** 2/11/2022

D. Funding Source: Federal State Local Other:_____

Funds are specifically allocated in the Department's current fiscal year budget or in a grant to cover this expenditure as follows:

Total Available Funding:	$354,466.80
Estimated Cost:	$354,468.80
FTA Grant No.(s)	
Budget Code(s)	1.1117

Budget Analyst — **Date** 2/14/22

E. DBE/SBE Goal: 0 % DBE 0 % Small Business

Director of Small Business Development — **Date** 2/15/2022

DBE/EEO Compliance Manager — **Date** 2/15/2022

F. Authorizations: I have reviewed and approved this sole source justification request.

Chief/Deputy CEO — **Date** 2/10/2022

Director of Procurement — **Date** 2/14/22

Chief Financial Officer — **Date** 2/15/22

Chief Executive Officer — **Date** 2/22/2022

CLEVER DEVICES'
HARDWARE WARRANTY
AND
SOFTWARE MAINTENANCE AGREEMENT
FOR
NEW ORLEANS REGIONAL TRANSIT AUTHORITY

NOVEMBER 5, 2021

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CLEVER DEVICES' TRADEMARKS

Clever Devices®
AVM®
BusLink®
BusLink Switch®
BusTime®
BusTools®
BusWare™
CleverAnalytics®
CleverCAD®
CleverCare®
CleverCERT®
CleverCounter™
CleverReports®
CleverWare™
CleverWorks®
GH7™
GreyHawk 7™
IncidentAnalytics™
Incident Management™
IdleMonitor®
Intelligent Vehicle Network®
IVN®
Mtram®
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TurnWarning®

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DEFINITIONS

As used in this Agreement, the following capitalized terms shall have the meanings set forth below:

TERM	DEFINITION
"Additional Services"	Any future service not defined in this Agreement or included in the Statement of Work or Scope of Work.
"Agreement"	Means this Hardware Warranty and Software Maintenance Agreement, consisting of the signature pages, the Terms and Conditions, all exhibits, annexes, appendices, addenda and schedules, and each Amendment, if any.
"Category 1 Issue(s)"	Are/is a major systems failure(s). This includes any issue that prevents the full system or a subsystem from being used reliably.
"Category 2 Issue(s)"	Are / is a minor system failure(s). A minor system failure is any failure that prevents a subsystem from being used efficiently.
"Customer"	Refers to the Transit Authority who is a party to this Agreement.
"General Field Service Rates"	Rates for services not covered under a service agreement.
"Hardware Product(s)"	Means the Clever Devices' goods provided to Customer per the initial agreement between Customer and Clever Devices.
"Hardware Warranty"	It is the repair or replacement of returned faulty hardware during the specified Warranty Period. This applies to onboard equipment provided by Clever Devices.
"Intelligent Transportation System" or "ITS"	The Hardware and software comprising the Clever Devices solution deployed at Customer.
"Maintenance Period"	The duration of the maintenance subject to the terms and conditions as specified in Section 3.2 of this Agreement.
"No Problem Found" or "NPF"	A fully functional product with no need for repair.
"Non-Warranty Repairs"	Any causes defined in the Agreement as not covered by the Hardware Warranty.
"Non-Warranty Product" or "Non-Warranty Parts"	Are products or parts provided that are not covered under this Agreement or any other existing agreement between Clever Devices and Customer.
"Owner of Failure"	Determination of responsible for product fault based on diagnostics.
"Remote Support"	Any support in which Clever Devices accesses the Customer's system or network using a secure Virtual Private Network (VPN) connection.

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"Resolution Tracking Number"	A categorized number assigned to a particular defect in the issue-tracking system.
"Scope of Work"	Referring to the scope of services offered in accordance with the Statement of Work.
"Software Enhancement(s)"	A change in Software functionality or graphical user interface
"Software Error(s)"	A flaw in Software that causes it to produce an incorrect or unintended result.
"Software Defect(s)"	A flaw in Software that causes it to produce an incorrect or unintended result.
"Software License(s)"	Means the rights granted to Customer in accordance with Clever Devices' EULA, provided with the initial agreement between Clever Devices and Customer.
"Software Maintenance"	The maintenance provided for all components of the Software Product(s) purchased.
"Software Product(s)"	The specific Clever Devices' licensed product(s).
"Software Service(s)"	Referring to acts of service by Clever Devices regarding the software deployed at Customer's.
"Software Update(s)"	Either a modification or addition that, when made or added to the Software Product, brings the Software Product into material conformity with its published specifications. Software Updates are applied to Customer's existing version of software and include bug fixes.
"Software Upgrade(s)"	New, standalone versions of a Software Product that may include major improvements and enhancements. An upgrade advances the product to a level of features or other enhancements which are above the original published and agreed specification, or product manual.
"Statement of Work"	The description of the services to be provided under this agreement between Clever Devices and Customer.
"Warranty Period"	Means, in relation to any Goods, the warranty period specified in this Agreement or in accordance with the proposal submitted in response to the Request for Proposal.

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1 OVERVIEW

This document sets forth Terms and Conditions of the basic Hardware Warranty Agreement and the Software Maintenance Agreement (the "Agreement") between NEW ORLEANS REGIONAL TRANSIT AUTHORITY and Clever Devices Ltd.

2 COMPANIES INVOLVED

2.1 CLEVER DEVICES LTD.

Clever Devices Ltd. ("Clever Devices") is a service provider to NEW ORLEANS REGIONAL TRANSIT AUTHORITY.

Clever Devices' Contact
Michael Medici
Senior Vice President, Service
Clever Devices
516-433-8165
mmedici@cleverdevices.com

2.2 TRANSIT AUTHORITY

NEW ORLEANS REGIONAL TRANSIT AUTHORITY ("Customer", "NORTA") is the end user entity of Clever Devices' Intelligent Transportation Systems (ITS) Hardware and Software Products.

NEW ORLEANS REGIONAL TRANSIT AUTHORITY Contact
Sterlin Stevens
2817 Canal Street
New Orleans, LA 70119
504-606-3354
sstevens@rtaforward.org

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3 TERMS OF AGREEMENT

3.1 SCOPE OF AGREEMENT

This Agreement includes a Hardware Warranty and a Software Maintenance Agreement for the listed products, and a process for obtaining warranty service for the listed hardware products.

3.2 TERMS OF AGREEMENT

3.2.1 HARDWARE

The term of this Agreement is one (1) years from December 1, 2021 to November 30, 2022 starting during the deployment stage and the contracted warranty phase of this Agreement. Hardware Products no longer under Warranty or not covered by a current, valid Hardware Warranty Agreement will require a full technical audit to determine the system's functionality and health.

3.2.2 SOFTWARE

The term of this Agreement is one (1) years from December 1, 2021 to November 30, 2022 starting once the Software Warranty or previous Software Maintenance Agreement has expired. Support for licensed Software Products no longer under Warranty or not covered by a current, valid Software Maintenance Agreement will require repurchase of the Software License(s) or as otherwise mutually agreed upon between the parties in a signed writing.

3.3 ANNUAL RENEWAL AND EARLY TERMINATION

Clever Devices' Hardware Warranty and Software Maintenance Agreements renew automatically for one-year upon expiration of the current term, unless written notice is provided prior to the expiration date. Ninety (90) days before the expiration date, Clever Devices will invoice the renewal at an increase to the expiring Agreement at a rate no greater than 3%.

If early termination of this Agreement is exercised, a cancellation penalty of the cost of the remaining balance of this Agreement will apply.

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4 HARDWARE WARRANTY AGREEMENT

This Hardware Warranty Agreement provides warranty Terms and Conditions that include scope, policies, and procedures for maintenance of Hardware Product(s) supplied by Clever Devices and identified herein.

4.1 COVERED HARDWARE PRODUCTS

The Clever Devices Hardware Products covered by this Agreement is referenced in Attachment A. If the quantity of products changes during the term of this Agreement, the resulting additional fee will be prorated for the remaining portion of this Agreement.

See attached Attachment A.

4.2 NEW MANUFACTURED PRODUCTS LIMITED WARRANTY

Clever Devices guarantees that each product is free from defects in material and workmanship. Clever Devices also guarantees the performance of this product for the contracted terms.

If the product fails to operate as specified and has not been tampered with or abused during this warranty period, Clever Devices or its authorized service agents will have the option to repair or replace the defective part or the product at no cost to the Customer. Bench fees will apply to any product received by Clever Devices with a "No Problem Found" (NPF) condition. NPF condition is defined as a fully functional product with no need for repair. Products returned with failures caused by improper use will be repaired and the appropriate charges will apply. Such services by Clever Devices will be the original purchaser's sole and exclusive remedy.

It is the Customer's responsibility to make certain new products are not being purchased for the replacement of defective products under warranty.

Clever Devices will not honor credit requests on any defective or used product. Product replacement will be the only option available to the Customer. At the discretion of Clever Devices, limited quantities of restockable product may be returned for credit; the product must be unused and in the original unopened containers. A 25% restocking fee will be charged and a credit will be issued only after the product has been received and inspected.

This warranty does not apply to: (a) damage caused by accident, abuse, misuse, misapplication or improper installation (b) damage caused by conditions outside Clever Devices' specifications, including but not limited to vandalism, fire, water, temperature, humidity, dust or other perils (c) to damage caused by service (including upgrades) performed outside the product specifications in documentation provided and by anyone who is not a Clever Devices authorized Technician (d) a product or a part that has been modified without the written permission of Clever Devices or (e) if any Clever Devices' serial number has been removed or defaced, (f) expendable or consumable parts, such as batteries and flashcards.
Clever Devices will not be liable for any special, incidental, or consequential damages for loss, damage directly or indirectly arising from Customer's use or inability to use the equipment either separately or in combination with other equipment, or for personal injury or loss or destruction of other property, or from any other cause.

4.3 WARRANTY REPAIR POLICY

A replacement or repaired product assumes the remaining warranty of the original product or 90 days post repair, whichever provides longer coverage. When a product is exchanged, the replacement product becomes the Customer's property and the replaced product becomes the property of Clever Devices.

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4.4 Spare Parts Inventory

In support of this Agreement, the Customer should maintain an inventory of Clever Devices' system components at the recommended level for use during completion of repairs. The Customer's Technician shall remove and replace a defective component with a spare and send the defective component to Clever Devices for analysis and repair or replacement. Shipping fees for repair units are covered on an individual event basis and not included in the service price. If there is no unit in the spares pool to support remove/replace/restoration activity, the repair will be delayed until spare equipment is delivered to the property.

4.5 Obtaining Warranty Service

The Customer is responsible for returning any defective products to Clever Devices. Products will not be accepted without a Return Merchandise Authorization (RMA) number. The Customer shall obtain an RMA number by contacting Clever Devices' Customer Service Department using the below. Clever Devices will respond to RMA requests within two (2) business days.

Customer Service Telephone: 1-888-478-3359

Customer Service Email Address: CSReturns@CleverDevices.com

In order to provide an RMA number, Clever Devices will need the following information:

- Item Description
- Clever Devices Part Number
- Serial Number
- Quantity being returned
- Reason for Return
- Bus Number, if applicable

Upon receipt of an RMA number, the Customer may send the product(s) to Clever Devices using the address indicated below. The Customer is responsible to ensure secure packaging of the product in the original box in which it was received. Boxes and shipping materials can be purchased from Clever Devices for a nominal fee. Clever Devices is not responsible for any damage to the product caused during transit or for any package lost in transit. The Customer shall assume the cost of all defective product shipments made to Clever Devices.

Return Shipping Address:

Clever Devices Ltd.
300 Crossways Park Drive
Woodbury, NY 11797
Attn: Customer Service Department
RMA Returns: RMA#....

4.6 Failure Analysis

A Clever Devices' Bench Technician will evaluate products received and complete a Failure Analysis. If the product is repairable, Clever Devices will repair the product. If the product is not repairable, Clever Devices will replace the product with another from Clever Devices' inventory. The "Owner of Failure" will be assessed during evaluation and shall be reported to the Customer at time of completion. Clever Devices will make a best effort to return the repaired product or provide a replacement within 30 days of receiving it from the Customer. Clever Devices will provide the Customer with a detailed quotation and/or invoice for all costs associated with Non-Warranty Repairs.

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4.7 Repair

Upon a completed Failure Analysis and repair, if applicable, product(s) will be shipped back to the Customer Clever Devices will only incur the cost for shipping products under warranty; the Customer is responsible for shipping cost for all Non-Warranty Repairs or replacements and/or "No Problem Found" conditions.

Customers may contact Clever Devices at any time during the warranty service process, for information regarding status.

4.8 Non-Warranty Repair Policy

A Non-Warranty Repair is a repair made outside the scope of this maintenance Agreement and includes vandalism. Non-Warranty Products and Parts that are returned to a Clever Devices facility for repair are subject to a bench fee on a time and materials basis. Clever Devices will invoice the Customer at a bench technician labor rate of $170.00 per hour for the first hour, and $85.00 per hour for each additional hour. A minimum of 1 hour will be charged for labor; after the first hour, labor will be charged to the nearest ½ hour. Non-warranty Repairs made in the field will be subject to the General Field Service Rates detailed below.

Repairs made by Clever Devices on products not under warranty carry a limited repair warranty of 90 days on services and replacement parts only. Defects in repair work or any parts replaced by Clever Devices will be corrected at no charge if the defect occurs within 90 days from shipment from our facility.

4.9 General Field Service Rates

Field Service rates include actual cost of transportation using commercial coach, air, rail, bus, rental car, and cab facilities as applicable, including transportation to and from the airport. Receipts are required.

Mileage Allowance:	IRS Allowable rates
Personal Expenses:	Per Diem rates
Basic Rates:	$150.00** per hour flat fee for actual time in Customer's plant and for round-trip travel time for a Field Service Technician.
Miscellaneous:	Actual charges for other necessary items such as tolls, parking and freight charges.

**Rates for Field Service Technicians may vary because of weekend/holiday rates. Overtime rates are billed at time and a half. Requests for service which require personnel other than a Field Service Technician will be provided at time of request.

4.10 Non-Clever Devices Product Received for Repair

Product(s) received by Clever Devices for repair that were not manufactured or supplied by Clever Devices shall be returned to Customer. Customer shall be responsible for the shipping cost(s) associated with of each product, along with a processing fee.

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5 SOFTWARE MAINTENANCE AGREEMENT

This Software Maintenance Agreement provides Terms and Conditions that include definitions and maintenance procedures for the Software Product(s) supplied by Clever Devices and identified under section 5.1, Covered Software Products. This Agreement is subject to the End User License Agreement (EULA) for these product(s) and performance of features and functions as outlined in the User Manual or Acceptance Test Procedure document.

5.1 COVERED SOFTWARE PRODUCTS

The Clever Devices Software Products covered by this Agreement is referenced in Attachment B. If the quantity of products changes during the term of this Agreement, the resulting additional fee will be prorated for the remaining portion of this Agreement.

See attached Attachment B.

5.2 GENERAL DEFINITIONS

Customer:	The single end–user organization (license holder of the Software Product) signing this Agreement and authorized to use the Program(s).
Software Product:	The specific Clever Devices licensed product(s).
Software Update(s):	Either a modification or addition that, when made or added to the Software Product, brings the Product into material conformity with its published specifications. Software Updates are applied to Customer's existing version of software and include bug fixes.
Software Upgrade(s):	New, standalone versions of a Software Product that may include major improvement and enhancements. An upgrade advances the product to a level of features or other enhancements which are above the original published and agreed specification, or product manual.
Software Maintenance:	The maintenance provided for all components of the Software Product purchased.
Maintenance Period:	The duration of the maintenance subject to the terms and conditions as specified in section 3 "Terms of Agreement".

5.3 SCOPE OF MAINTENANCE SUPPORT

During the maintenance term, Clever Devices agrees to provide basic maintenance services in support of the licensed Software Product. Maintenance services shall consist of:

Software Update(s):	Customers with valid Software Maintenance Agreements are entitled to Software Updates for all licensed products. Software Updates may incorporate corrections of any substantial defects or fixes of any minor malfunction. In addition, Software Updates may include Software Enhancements to the Software that are implemented at the sole discretion of Clever Devices. Software Updates do not cover Clever Devices' *deployment labor, training, hardware upgrades, data or data backups.
Software Upgrade(s):	Customers with valid Software Maintenance Agreements are entitled to Software Upgrades for all licensed products. Software Upgrades do not cover Clever Devices' *deployment labor, training, hardware upgrades, data or data backups.

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Software Error and Defect Corrections: Clever Devices shall be responsible for using all reasonable diligence to correct verifiable and reproducible errors when reported to Clever Devices in accordance with its standard reporting procedures. Reported defects will be reviewed by Clever Devices. Reported defects are defined as:

- ***Defect:** To be corrected by the next maintenance release. Deployment labor will not be charged to correct any defects, including bugs fixes.
- **Enhancement:** Desirable enhancement which will be reviewed for inclusion in the next maintenance release.

Error and release testing will be performed at Clever Devices' offices. Reported errors will be tested on a test platform in a controlled environment. If applicable, NORTA will supply Clever Devices with a copy of the most current database associated with software version for which errors have been reported.

5.4 Technical Support

For all Clever Devices' products covered under warranty or by a current, valid Maintenance Agreement, Clever Devices' service organization provides technical support 24 hours a day, 7 days a week, 365 days a year. Regular business hours are Monday through Friday, 8:30am to 5:30pm Eastern Time. All other times are considered "after-hours". Clever Devices will escalate issues to third-party vendors for Clever Devices' Products running third-party application software.

5.4.1 Issue Reporting

NORTA is responsible for reporting all discovered issues to Clever Devices' Technical Support Department. Once Clever Devices is contacted by phone or email, a Technical Support Representative and the Technical Supervisor are notified; if necessary, the Vice President of Service and OEM are also notified.

Clever Devices routinely provides agencies two methods for requesting technical support: using a toll-free number or email to our Technical Support service. Contacts for Clever Devices' service and support during regular business hours are as follows:

Technical Support Number: 1-888-478-3359

Email Address: TechnicalSupport@CleverDevices.com

All after-hour calls should only be made to the Technical Support Department phone. After-hour calls will be forwarded to an answering service and then to a Clever Devices on-call Technical Support Representative.

5.5 Issue Tracking and Resolution

Upon receipt of a support request, our Technical Support Department proceeds to resolve the issue as follows below.

5.5.1 Determine Priority

A Technical Support Representative determines the issue's priority using the categories described below.

Category 1 Issue: Category 1 Issues are defined as major systems failures. Category 1 Issues includes any issue that prevents the full system or a subsystem from being used reliably. Category 1 Issues are assigned the highest priority, and patches are provided as quickly as possible. Workaround concepts are considered and put in place to minimize operational impact to the agency.

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Category 2 Issue: Category 2 Issues are defined as minor system failure(s). A minor system failure is defined as any failure that prevents a subsystem from being used efficiently. Category 2 Issues are assigned a lower priority (than Category 1) and when resolved, will be corrected by a patch included in the next maintenance update release.

5.6 Track and Resolve Issue

Clever Devices utilize a tracking system to manage and store Customer issues, reported defects and any new features, and improvements made during our software development lifecycle. Once categorized, issues will be entered into the tracking system and monitored through closure. The issue-tracking system will assign a Resolution Tracking Number that will be provided to Customer. Upon discovery of an error, and if requested by Clever Devices, Customer agrees to submit a listing of any data, including data log files, so we may reproduce the error and the operating conditions under which the error occurred or was discovered.

5.7 Remote Support

With permission from NORTA, Clever Devices will provide Customer with Remote Support as necessary, using a secure Virtual Private Network (VPN) connection. Through this connection Clever Devices will have the ability to logon to Customer's internal network and then access the deployed system(s) to assess and diagnose issues, update code, or deliver bug fixes.

Clever Devices agrees to comply with the Customer's ITS connection policy, barring the policy and procedure does not impede troubleshooting or functionality of Clever Devices' system. Clever Devices will not access Customer's internal network for any purpose other than technical online support, as provided in this proposal.

5.8 Additional Services

In support of the Software Product(s), Clever Devices may provide Additional services, per Agreement with the Customer, subject to payment of their normal charges and expenses. Additional Services may include

Upgrade and Update Installation/ Deployment Labor: Clever Devices can offer assistance to help NORTA test, install and operate each new release of licensed Software Products. This assistance will be quoted at the time of each request unless contracted for on an annual basis.

Custom Enhancements: Clever Devices will consider and evaluate the development of additional enhancements for specific use and will respond to requests for Additional services pertaining to the Software Product. Each response for an enhancement will include a cost to produce the enhancement.

Integration: Integration with third-party software initially, or resulting from changes or updates to those products, will be quoted upon request.

5.9 Exceptions

The following are not covered by this Software Maintenance Agreement:

- Any problems resulting from failures of the hardware platform on which the software is installed, or problems resulting from hardware or network devices connected or installed on the hardware platform on which the software is installed.
- Any problem resulting from misuse, improper use, alteration, or damage of the Software Product(s).
- Errors in any version of the Software Product(s) other than the most recent update delivered and deployed to Customer.

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- Problems and errors resulting from improper installation of the delivered Software Product by the end user, or problems and errors resulting from the installation of software or hardware products not approved by Clever Devices for use with this product.

NORTA will be responsible for paying Clever Devices' normal charges and expenses for time or other resources provided by Clever Devices to diagnose or attempt to correct any such problem. In addition, NORTA will be responsible for procuring, installing, and maintaining all equipment, communication interfaces, and other hardware or software necessary to operate the Software Product(s) and to obtain maintenance services from Clever Devices. Clever Devices will not be responsible for delays caused by events or circumstances beyond its reasonable control.

Requests for support for licensed Software Products no longer under Warranty or not covered by a current, valid Software Maintenance Agreement will require repurchase of the Software License(s).

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6 ADDITIONAL SCOPE OF WORK

Please see Attachment C, if applicable.

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7 SIGNATURE PAGE

IN WITNESS WHEREOFF, the parties hereto have executed this Contract on the day and year first above written.

Clever Devices Ltd.
CONTRACTOR

By: _____
(Signature)

Name: _____
(Print)

Title: _____

Dated: _____

NEW ORLEANS REGIONAL TRANSIT AUTHORITY
CUSTOMER

By: _____
(Signature) Authorized Representative

Name: _____
(Print)

Title: _____

Dated: _____

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Attachment A

Itemized list of covered Hardware Products

Quantity	Product Name
134	IVN Controller
66	IVN-R Controller
200	Transit Control Head
200	EA Switch
200	PA Plate Assembly
200	Exterior Speakers
200	AVC Microphone
200	Multi-Band Antenna
283	CleverVision (217 Primary & 66 Secondary Monitors)
200	URLC
200	Handset
134	Interior LED Sign

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Attachment B

Itemized list of covered Software Products

Product Name
On-Board Software
CAD/AVL
AVA
BusTime
CleverWorks
CleverReports
DCC
BusLink
RideCheck+
DVR License
Pre-Trip Inspection
Text-To-Speech (English & Spanish)
CleverCAD Mobile
CleverVision
AVM (134 Vehicles)
Radio Licenses (159 Vehicles)

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8 PRICING

8.1 CONFIDENTIAL QUOTATION

ATTN:	Sterlin Stevens	DATE:	November 5, 2021
COMPANY:	New Orleans Transit Authority	FAX:	
EMAIL:	sstevens@rtaforward.org	OPP ID #	0063s00000GUq7a
		PR # in SF	5990
ADDRESS: PHONE:	504-606-3354	RE:	Fixed Route SW Maintenance & HW Warranty

Clever Devices is pleased to submit the following quotation, subject to the terms and conditions listed below.

Item	Qty	Description	Unit Price	Extended Price
Original Contract Warranty Renewal				
1	1	Clever Devices 5th Year Warranty: Base Project	$148,325.00	$148,325.00
2	1	DVR System Annual Software Maintenance	$41,237.00	$41,237.00
			Total	**$189,562.00**
Change Order Warranty Renewal				
Item	**Qty**	**Description**	**Unit Price**	**Extended Price**
Automatic Passenger Counting (APC) - Buses				
3	1	Bus APC SW Maintenance	$19,460.00	$19,460.00
Pre-Trip Inspection				
4	1	Pre-Trip SW Maintenance	$2,946.00	$2,946.00
Radio Integration - Buses				
5	1	Radio Integration HW Warranty & SW Maintenance	$9,233.00	$9,233.00
Automatic Vehicle Monitoring (AVM) - Buses				
6	1	AVM SW Maintenance	$17,784.00	$17,784.00
Text-To-Speech (TTS) in English				
7	1	Text-To-Speech (TTS) SW Maintenance	$278.00	$278.00
CleverCAD Mobile				
8	1	CleverCAD Mobile SW Maintenance	$10,290.00	$10,290.00
Audio Recordings in Spanish and Vietnamese and Text-To-Speech (TTS) in Spanish (add-on to English)				
9	1	Text-To-Speech (TTS) Spanish (add-on to English) SW Maintenance	$61.80	$61.80
Fixed Route Buses - CleverVision				
10	1	Fixed Route Buses CleverVision HW Warranty & SW Maintenance	$44,667.00	$44,667.00

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IVN-R Change - Streetcars				
11	1	Change in StreetCar On-Board Hardware Warranty	$3,852.00	$3,852.00
Radio Integration - Streetcars				
12	1	Radio Integration HW Warranty & SW Maintenance	$4,522.00	$4,522.00
CleverVision - Streetcars				
13	1	Streetcar CleverVision HW Warranty & SW Maintenance	$43,926.00	$43,926.00
Video Licenses & vMax Commander				
14	1	Video Licenses & vMax Commander	$7,885.00	$7,885.00
			Total	**$164,904.80**
			Grand Total	**$354,466.80**
Optional Training				
15	1	Web-based Training (remote, 40 Hours)	$6,000.00	$6,000.00

Notes:

- Cellular is removed from the pricing above and NORTA is responsible for all cellular purchases moving forward.
- The following items are no longer covered in the agreement:
  - Trapeze interface
  - APC-R
  - Phoenix Power Supplies
- Line item #5 includes only 6 months of the 2nd URLC Image Maintenance
- SEON DVRs are removed from the maintenance contract due to the manufacturer not extending warranty to Clever Devices.
- Phoenix Contact Power Supply and APC Systems are end of life and not included in the pricing above.
- In light of the current COVID-19 pandemic, Clever Devices and our suppliers are subject to Federal mandates which may slow production. Emergency Federal and State mandates, such as "shelter in place" or self-isolation requirements, may affect our ability to provide support and service at an optimal level. If circumstances outside our control force us to revise the schedule or impact support and service levels, we will communicate this to NORTA immediately and work with you to mitigate any disruption to the project and operations.
- Clever Devices is experiencing disruptions due to the global supply chain crisis, resulting in price increases and extended lead times. While we are working closely with our suppliers to optimize our inventory and negotiate pricing, changes are happening so rapidly that we are unable to control these issues to the extent that we have in the past. In the event of changes in the market conditions which impact costs and lead times, Clever Devices reserves the right to revise quoted prices and lead times prior to acceptance of a purchase order. Customers will be notified and afforded an opportunity to confirm purchase orders within five (5) business days from receipt of notice. We appreciate your patience and collaboration as we work through these challenges together.

Payment Milestones:

- Project milestones will be defined and agreed upon prior to acceptance of purchase order.

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8.2 Clever Devices' Standard Terms And Conditions Of Sale

8.2.1 Software License

Requirement for End-User License Agreement

- Purchaser acknowledges that all Clever Devices Ltd. ("Clever Devices") software is sold subject to acceptance of the terms of the End User Licensing Agreement ("EULA") http://www.cleverdevices.com/wp-content/uploads/2021/04/Clever-Devices_EULA_RV20210428.pdf
- Any entity procuring Clever Devices licensed products which is not the end-user of the licensed product ("Non End-User"), such as but not limited to an Original Equipment Manufacturer to which Clever Devices is a supplier, is obligated to provide Clever Devices with the End-User License Agreement (covering the software licenses associated with the contents of this quotation/proposal) signed by an authorized official of the End-User. Failure by a Non End-User to provide such a properly executed Clever Devices EULA to Clever Devices shall make the Non End-User liable for any misappropriation or misuse of Clever Devices' products.

Obligations of Non End-User Procuring Entities

- Non End-Users are granted the right to install the licensed products and to test their functionality in the End-User designated space or equipment. Non End-Users do not have licenses to otherwise use or operate Clever Devices' products and no other licenses or rights to use are provided or implied by this Agreement

8.2.2 General

- All Purchase Orders must be sent to the following email address: customerPO@cleverdevices.com
- Prices are quoted in US$ unless otherwise specified
- Prices do not include shipping, sales tax or duties, which will be added if applicable
- Unit Prices are good only for the total number of units quoted. Lesser quantities may command a higher per unit cost because of certain fixed costs contained in the quote
- Prices quoted herein are valid for ninety (90) days from the date of quotation or proposal, and are applicable to the quantities covered by this quotation; any change in quantity, delivery or elimination of one or more items may require a revision to the prices quoted
- Orders for one bus set (i.e. pilot bus) must be part of a complete quantity order or must be accompanied by a Letter of Intent to order the entire quoted quantity
- Three percent (3%) Annual Escalation will apply for shipments and services beyond 2021
- Clever Devices shall be paid for the items quoted above as follows:
    - Payment terms are Net 30 days, subject to prior approval of our Credit Department
    - Unless otherwise specified, Clever Devices shall be paid for all deliverable items, terms Net 30 days from the date of shipment from Clever Devices, or when services rendered by Clever Devices are completed
    - No customer account shall be credited for parts returned without prior written authorization from Clever Devices and receipt of such goods
    - Clever Devices' General Terms and Limits of Liability apply
- Unless specifically advised in the quote, lead time for Hardware and Services will be as advised by Clever Devices upon receipt of order. Standard lead time for hardware is sixteen (16) weeks from receipt of order, but Clever Devices stocks standard parts and if available will be shipped earlier. Delivery is F.O.B. Clever Devices Ltd., 300 Crossways Park Drive, Woodbury, NY 11797

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- Clever Devices reserves the right, without advance notice, to make engineering or production changes, to include substitution of part numbers and/or vendor sources for components that may affect the design or specifications of its products, provided said modifications will not materially affect the performance of the product
- Unless negotiated and agreed to otherwise in writing, in no event is Clever Devices liable for consequential damage from late or non-delivery, malfunction or failure of its products, nor is Clever Devices liable for damage resulting from faulty installation. If Clever Devices performs repairs resulting from damage caused by installation, it will invoice the original installer for the cost of such repair
- Unless negotiated and otherwise agreed to in a signed writing by an authorized representative, the pricing is exclusive of any liquidated damages and is not an acceptance of any prime contract flow downs that are not regulatory in nature and applicable to Clever Devices' scope of work

8.2.3 Clever Devices' Warranty Policy

Clever Devices' warranty obligations are limited to the terms set forth below:

1) New Manufactured Products Limited Warranty
    a) Clever Devices guarantees for a period of one (1) year from original factory shipment that each product is free from defects in material and workmanship.
    b) If the product fails to operate as specified and has not been tampered with or abused during this warranty period, Clever Devices or its authorized service agents shall either repair or replace any defective part or the product free of charge.
    c) Bench fees will apply to any product received by Clever Devices with no-trouble-found. Products returned with failures caused by improper use or installation will be repaired and the appropriate charges will apply. Such services by Clever Devices shall be the original purchaser's sole and exclusive remedy. Clever Devices shall not be responsible for the cost of removal or installation of warranted products unless a prior written agreement has been reached at the time of the original purchase contract. Clever Devices' labor rate table will apply for all product replacement time.
    d) Clever Devices will repair or replace, at Clever Devices' option, any defective product under warranty. Clever Devices will not honor credit requests on any defective used product. Product repair or replacement will be the only option available to the original Purchaser.
    e) This warranty does not apply: (a) to damage caused by accident, abuse, misuse, misapplication or improper installation (b) to damage caused by conditions outside Clever Devices specifications including but not limited to vandalism, fire, water, temperature, humidity, dust or other perils (c) to damage caused by service (including upgrades) performed by anyone who is not a Clever Devices Authorized Technician (d) to a product or a part that has been modified without the written permission of Clever Devices or (e) if any of Clever Devices' serial number has been removed or defaced, or (f) expendable or consumable parts, such as batteries and flashcards.
    f) Clever Devices shall not be liable for any special, incidental or consequential damages for loss, damage directly or indirectly arising from customer's use or inability to use the equipment either separately or in combination with other equipment, or for personal injury or loss or destruction of other property, or from any other cause.
2) Warranty Repair Policy
    a) A replacement or repaired product assumes the remaining warranty of the original product or 90 days, whichever provides longer coverage for the original purchaser. When a product

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is exchanged, any replacement product becomes the original purchaser's property and the replaced product becomes Clever Devices' property.

3) Obtaining Warranty Service
   a) The original purchaser is responsible for returning any defective products to Clever Devices after obtaining a Returned Merchandise Authorization (RMA) number from Clever Devices' Customer Service Department at 888-478-3359. No products will be accepted without an RMA number. When requesting an RMA number, be sure to have the serial number of the equipment available.
   b) The original purchaser must package the product properly for return shipment. Clever Devices is not responsible for any damage to the product caused during transit or for any package lost by the shipping company.
   c) The original purchaser assumes all cost in shipping the defective product to Clever Devices and Clever Devices will assume the cost in shipping back to the customer. All replacement/repaired products are shipped UPS Ground unless a rush is requested. The cost of shipping using any mode other than UPS Ground is to be paid by the original purchaser.

Ship to:

Clever Devices Ltd.
Attn: Service Department RMA # _____
300 Crossways Park Drive
Woodbury, NY 11797

8.2.4 Clever Devices' Return and Exchange Policy

Clever Devices does not accept returns without a Returned Material Authorization. Custom-built equipment or merchandise specifically ordered for you is not returnable.

Where return of unused merchandise is at the request or convenience of the customer, a 25% restocking fee will be charged. No unused merchandise will be accepted for return later than thirty (30) days after shipment. All returned merchandise shall be sent freight prepaid and properly insured by the customer. Clever Devices reserves the right to select the method of shipment. Should you receive merchandise damaged in shipment, it is your responsibility to file a damage claim immediately with the delivery carrier.

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1.2.5 Clever Devices' Non-Warranty Service Policy

1) Non-Warranty Repair Policy
   Non-warranty repairs made by Clever Devices carry a limited repair warranty of 90 days on services and replacement parts only. Defects in our repair work or any parts replaced will be corrected at no charge if the defect occurs within 90 days from shipment from our facility.
2) Field Service
   Field service calls will be made to customer's facility upon request. Time, expenses, and materials will be charged, as outlined below, unless other arrangements are made in advance. Field Service is treated as any repair. All travel must be pre-approved and is based upon actual prevailing airfare, hotel/motel rooms and Per Diem rates. Contact Clever Devices for current Per Diem rates.

GENERAL FIELD SERVICE RATES:	
Transportation	Actual cost* using commercial coach or business class air, first class rail, bus, rental car, and cab facilities as applicable, including transportation to and from the airport.
Mileage Allowance	IRS allowable rates
Personal Expenses	Per Diem rates
Basic Rates	150.00** per hour for actual time in customer's plant, plus a flat rate for round-trip travel time.
Miscellaneous	Actual charges for other necessary items such as tolls, parking and freight charges*.

* Charges may be subject to a 12% administrative fee.

** Rates may vary because of weekend/holiday rates, the type of service required, a previously negotiated rate and/or personnel involved.

3) Non-Clever Devices Product Received for Repair
   Product received for repair that were not manufactured or supplied by Clever Devices will be logged in and Clever Devices will require that the customer supply us with their shipper number in order to return the product. Such product will be held for a period of up to 90 days and will then be subject to discard, unless alternative arrangements have been agreed to in advance.

XXXXXXXXX

Walter Weichselbaumer
Strategic Account Manager
516-967-3498

ad

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2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-055 **Finance Committee**

Temporary Janitorial Services Contract

DESCRIPTION: Post PROCUREMENT SUMMARY-IFB 2022-005 contract for Janitorial Services	AGENDA NO: Click or tap here to enter text.
ACTION REQUEST: ☒ Approval ☐ Review Comment ☐ Information Only ☐ Other	

RECOMMENDATION:

Authorize the Chief Executive Officer to execute a contract for emergency temporary janitorial services amounting to $270,000.00.

ISSUE/BACKGROUND:

At the January 2022 meeting the Board approved Resolution No. 22-005 in the amount of $200,000.00 however, after publicly advertising IFB No. 2022-005, for temporary janitorial services, all bids received on February 14, 2022, were higher than the amount the Board had authorized limit for the CEO.

There was a 100% small business goal established for this solicitation.

DISCUSSION:

RTA's Procurement Department recommends this bid be awarded to August Building Maintenance (ABM).

FINANCIAL IMPACT:

This contract will be charged to the accounts established for Custodial Services for the buildings and rotating fleet based on the cost for each location. Custodial services are part of the approved 2022 budget and the accounts are the following, 1284302.7621, 1284316.7621 and 1284399.76100.

NEXT STEPS:

Upon RTA Board approval, staff will execute a short-term janitorial service contract to ABM in the amount of $270,000.00.

ATTACHMENTS:

1. Resolution
2. Procurement Summary

Prepared By: Lona Edwards Hankins,lhankins@rtaforward.org
Title: Deputy CEO of Planning, Infrastructure, and Information Technology

Reviewed By: Lona Edwards Hankins, lhankins@rtaforward.org
Title: Deputy CEO of Planning, Infrastructure, and Information Technology

Reviewed By: Gizelle Johnson Banks
Title: Chief Financial Officer

4/6/2022

Alex Wiggins
Chief Executive Officer

Date

PROCUREMENT SUMMARY-IFB 2022-005

REQUIREMENTS

The CEO approved Solicitation Request Routing Sheet dated 1/27/2022 with attached technical specifications was received by the Procurement Department to procure Temporary Janitorial Services. There was a 100% small business goal established for this solicitation per the RTA Routing Sheet.

Procurement Policy:
The Independent Cost Estimate for this procurement is $200,000.00 for three months, which exceeds the Small Purchase threshold of $25,000 therefore in compliance with the Regional Transit Authority of New Orleans Procurement Policies and Procedures Manual, Section VII.B. This procurement shall be conducted through formal advertisement (competitive means).

Procurement Method:
More than one responsive and responsible offeror can meet the solicitation requirements. Specifications furnished by the user department are complete, adesxquate, precise and realistic. No discussions or negotiations will be needed to address technical requirements, award will be made on lowest responsible/responsive bidder. Therefore, the IFB method of solicitation is selected as the method of procurement.

SOLICITATION

Invitation for Bids (IFB) No. 2022-005 Public Notice was published in the The Advocate. The Public Notice and the IFB 2022-005 were posted on the RTA website beginning 1/28/2022. The IFB submittal deadline was 2/14/2022 at 11:00am.

IFB SUBMITTAL

Bid Opening was held on 2/14/2022 at 11:00am. Natalie Ballard handled the receipt of all submissions received. Five (5) bids were received.

DETERMINATION

Five (5) bids were received. Four (4) bids were determined responsive and provided all required documents.

SUBMITTAL ANALYSIS

New Again Mobile Detailing	$250,000 (non responsive)
Sky's Janitorial LLC	$364,227.54
Cleaning Concierge LLC	$333,711.00
August Building Maintenance	$270,000.00
Dirt Diva	$578,868.42

SUMMARY

Based on the information above the Bids received were prepared and sent to Procurement Director for further review. An Administrative Review Form was prepared by Briana Howze – Contract Administrator.

Procurement Department: Recommend award be made to lowest responsive/responsible bidder, August Building Maintenance is the lowest responsible bidder and it is in the best interest of RTA to award this bid to August Building Maintenance. I recommend this bid be award to August Building Maintenance.

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

RESOLUTION NO. _____

STATE OF LOUISIANA

PARISH OF ORLEANS

AUTHORIZATION TO APPROVE AN EMERGENCY TEMPORARY JANITORIAL SERVICE CONTRACT

Introduced by Commissioner _____, seconded by Commissioner _____.

WHEREAS, at the January 2022 meeting the Board approved Resolution No. 22-005 in the amount of $200,000.00. However, after publicly advertising IFB 2022-005, for temporary janitorial services, all bids received on February 14, 2022, were higher than the Board had authorized limit for the CEO; and

WHEREAS, there was a 100% small business goal established for this solicitation; and

WHEREAS, the RTA procurement department recommends this bid be awarded to August Building Maintenance (ABM); and

WHEREAS, this contract will be charged $270,000.00 to the accounts established for Custodial Services for the buildings and rotating fleet based on the cost for each location. Custodial services are part of the approved 2022 budget and the accounts are the following, 1284302.7621, 1284316.7621 and 1284399.7600; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Regional Transit Authority (RTA) that the Chairman of the Board, or his designee, authorize to CEO to approve the emergency temporary Janitorial Service Contract to August building Maintenance (ABM).

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

THE FOREGOING WAS READ IN FULL, THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

AND THE RESOLUTION WAS ADOPTED ON THE 26th DAY OF APRIL 2022.

_____
FLOZELL DANIELS
CHAIRMAN
BOARD OF COMMISSIONERS

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-061 **Finance Committee**

CY2021 Louisiana Compliance Questionnaire

DESCRIPTION: The purpose of this resolution is to obtain Board approval for the completion and submittal of the Louisiana Compliance Questionnaire in conjunction with the RTA's calendar year 2021 financial audit.	AGENDA NO: Click or tap here to enter text.
ACTION REQUEST: ☒ Approval ☐ Review Comment ☐ Information Only ☐ Other	

RECOMMENDATION:

Authorize the Chief Executive Officer to complete, submit, and execute the 2021 Louisiana Compliance Questionnaire.

ISSUE/BACKGROUND:

The Louisiana Compliance Questionnaire is a required part of a financial audit of Louisiana state and local government and quasi-public agencies.

DISCUSSION:

The State Legislative Auditor requires that the Louisiana Compliance Questionnaire be presented to and adopted by the governing body of the New Orleans Regional Transit Authority by means of a formal resolution in an open meeting.

FINANCIAL IMPACT:

There are no costs associated with completing the CY2021 Louisiana Compliance Questionnaire. Annual audits can significantly reduce costs related to unnecessary expenses and help track and solve internal issues. Additionally, the fundamental purpose of the audit is to provide independent assurance that management has, in its financial statements, presented a "true and fair" view of RTA's financial performance and position.

NEXT STEPS:

Staff will be authorized and directed to submit the adopted and executed 2021 Louisiana Compliance Questionnaire to the auditing firm Carr, Riggs & Ingram, LLC. as required by the State Legislative Auditor.

ATTACHMENTS:

1. LA Compliance Questionnaire
2. Resolution Adopting CY2021 LLA Compliance Questionnaire

Prepared By: Dacia Johnson
Title: Administrative Analyst

Reviewed By: Mark A. Major
Title: Deputy CEO Administration & Finance

Reviewed By: Gizelle Johnson-Banks
Title: Chief Financial Officer

3/31/2022

Alex Wiggins
Chief Executive Officer

Date

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6307

RESOLUTION NO. _____

STATE OF LOUISIANA
PARISH OF ORLEANS

LOUISIANA COMPLIANCE QUESTIONNAIRE
IN ASSOCIATION WITH CALENDAR YEAR 2021
FINANCIAL AUDIT

Introduced by Commissioner _____, seconded by Commissioner _____.

WHEREAS, the Board of Commissioners of the Regional Transit Authority (hereinafter "Board") considered the matter of adoption of the Louisiana Compliance Questionnaire as completed by Regional Transit Authority (hereinafter RTA); and

WHEREAS, the Legislative Auditor requires that this questionnaire be completed as part of the financial and compliance audits of Louisiana governmental units and quasi-public entities, the completed questionnaire must be presented to and adopted by the governing body; and

WHEREAS, the completed questionnaire and the copy of the adoption instrument must be given to auditors when performing audits of RTA records and activities; and

WHEREAS, the Board of Commissioners has reviewed this questionnaire and agrees with the statements contained therein; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Regional Transit Authority that the completed questionnaire as attached hereto is adopted and along with this resolution is provided to the auditing firm Carr, Riggs & Ingram, LLC.

THE FOREGOING WAS READ IN FULL; THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____
NAYS: _____
ABSTAIN: _____
ABSENT: _____

AND THE RESOLUTION WAS ADOPTED ON THE 26th DAY OF APRIL 2022.

_____

FLOZELL DANIELS, JR.
CHAIRMAN
RTA BOARD OF COMMISSIONERS

LOUISIANA COMPLIANCE QUESTIONNAIRE
(For Audit Engagements of Governments)

Dear Chief Executive Officer:

Attached is the Louisiana Compliance Questionnaire that is to be completed by you or your staff. This questionnaire is a required part of a financial audit of Louisiana state and local government agencies. The completed and signed questionnaire must be presented to and adopted by the governing body, if any, of your organization by means of a formal resolution in an open meeting. Independently elected officials should sign the document, in lieu of such a resolution.

The completed and signed questionnaire and a copy of the adoption instrument, if appropriate, **must be given to the auditor at the beginning of the audit.** The auditor will, during the course of his/her regular audit, test the accuracy of the responses in the questionnaire. It is not necessary to return the questionnaire to the Legislative Auditor's office.

Certain portions of the questionnaire may not be applicable to your organization. In such cases, it is appropriate to mark the representation "not applicable." However, you must respond to each applicable representation. A 'yes' answer indicates that you have complied with the applicable law or regulation. A 'no' answer to any representation indicates a possible violation of law or regulation and, as such, should be fully explained. These matters will be reviewed by the auditor during the course of his/her audit. Please feel free to attach a further explanation of any representation.

Your cooperation in this matter will be greatly appreciated.

Sincerely,

Michael J Waguespack, CPA
Louisiana Legislative Auditor

Enclosure

LOUISIANA COMPLIANCE QUESTIONNAIRE
(For Audit Engagements of Government Agencies)

_____ (Date Transmitted)

Carr, Riggs & Ingram, LLC (CPA Firm Address)

111 Veterans Blvd. Suite 350 (CPA Firm Address)

Metairie, LA 70005 (City, State Zip)

In connection with your audit of our financial statements as of December 31, 2021 and for January 1, 2021 to December 31, 2021 (period of audit) for the purpose of expressing an opinion as to the fair presentation of our financial statements in accordance with accounting principles generally accepted in the United States of America, to assess our internal control structure as a part of your audit, and to review our compliance with applicable laws and regulations, we confirm, to the best of our knowledge and belief, the following representations. These representations are based on the information available to us as of

April 26,2022 (date completed/date of the representations).

PART I. AGENCY PROFILE

1. Name and address of the organization.

Regional Transit Authority

2817 Canal Street

New Orleans, LA 70119

2. List the population of the municipality or parish based upon the last official United States Census or most recent official census (municipalities and police juries only). Include the source of the information.

NOT APPLICABLE

3. List names, addresses, and telephone numbers of entity officials. Include elected/appointed members of the governing board, chief executive and fiscal officer, and legal counsel.

Commissioner Flozell Daniels	2817 Canal Street	New Orleans, LA 70119	(504) 827-8341
Commissioner Mark Raymond	2817 Canal Street	New Orleans, LA 70119	(504) 827-8341
Commissioner Laura Bryan	2817 Canal Street	New Orleans, LA 70119	(504) 827-8341
Commissioner Fred Neal, Jr.	2817 Canal Street	New Orleans, LA 70119	(504) 827-8341
Commissioner Dr. Mostofa Sarwar	2817 Canal Street	New Orleans, LA 70119	(504) 827-8341
Commissioner Art Walton	2817 Canal Street	New Orleans, LA 70119	(504) 827-8341
Commissioner Walter Tillery	2817 Canal Street	New Orleans, LA 70119	(504) 827-8341
Commissioner Sharon Wegner	2817 Canal Street	New Orleans, LA 70119	(504) 827-8341
Alex Z. Wiggins, CEO	2817 Canal Street	New Orleans, LA 70119	(504) 827-8302

Gizelle Johnson – Banks, CFO 2817 Canal Street New Orleans, LA 70119 (504) 827-8488

Haley Law Firm LLC., Sundiata Haley, General Counsel of RTA, 650 Poydras Street, Suite 2015, New Orleans, LA 70130

4. Period of time covered by this questionnaire.

January 1, 2021 – December 31, 2021

5. The entity has been organized under the following provisions of the Louisiana Revised Statute(s) (R.S.) and, if applicable, local resolutions/ordinances.

Regional Transit Authority Act of 1979. Added by Acts 1979, No. 439 effective August 1, 1979 revised Statute 48:1651

6. Briefly describe the public services provided.

Since July 1, 1983, the Regional Transit Authority (RTA) provides, bus, streetcar and paratransit services in the City of New Orleans. Additionally, since October 1985, the RTA provides bus services in the City of Kenner.

Lastly, since February 2014, operated ferry services in Orleans and St. Bernard Parishes.

7. Expiration date of current elected/appointed officials' terms.

In 1989, the State Legislature amended the RTA enabling legislation to provide that all members appointed to the Board shall serve at the pleasure of the appointing Authority (R.S. 48:1655C).

LEGAL COMPLIANCE

PART II. PUBLIC BID LAW

8. The provisions of the public bid law, R.S. Title 38:2211-2296, and, where applicable, the regulations of the Division of Administration, State Purchasing Office have been complied with.
   A) All public works purchases exceeding $250,000 have been publicly bid.
   B) All material and supply purchases exceeding $30,000 have been publicly bid.

Yes [X] No [ ] N/A [ ]

PART III. CODE OF ETHICS LAW FOR PUBLIC OFFICIALS AND PUBLIC EMPLOYEES

9. It is true that no employees or officials have accepted anything of value, whether in the form of a service, loan, or promise, from anyone that would constitute a violation of R.S. 42:1101-1124.

Yes [X] No [ ] N/A [ ]

10. It is true that no member of the immediate family of any member of the governing authority, or the chief executive of the governmental entity, has been employed by the governmental entity after April 1, 1980, under circumstances that would constitute a violation of R.S. 42:1119.

Yes [X] No [ ] N/A [ ]

PART IV. LAWS AFFECTING BUDGETING

11. We have complied with the budgeting requirements of the Local Government Budget Act (R.S. 39:1301-15) R.S. 39:33, or R.S. 39:1331-1342, as applicable:

A. Local Budget Act

1. We have adopted a budget for the general fund and all special revenue funds (R.S. 39:1305).
2. The chief executive officer, or equivalent, has prepared a proposed budget that included a budget message, a proposed budget for the general fund and each special revenue fund, and a budget adoption instrument that defined the authority of the chief executive and administrative officers to make budgetary amendments within various budget classifications without approval by the governing authority, as well as those powers reserved solely to the governing authority. Furthermore, the proposed expenditures did not exceed estimated funds to be available during the period (R.S. 39:1305).
3. The proposed budget was submitted to the governing authority and made available for public inspection at least 15 days prior to the beginning of the budget year (R.S. 39:1306).
4. To the extent that proposed expenditures were greater than $500,000, we have made the budget available for public inspection and have advertised its availability in our official journal. The advertisement included the date, time, and place of the public hearing on the budget. Notice has also been published certifying that all actions required by the Local Government Budget Act have been completed (R.S. 39:1307).
5. If required, the proposed budget was made available for public inspection at the location required by R.S. 39:1308.
6. All action necessary to adopt and finalize the budget was completed prior to the date required by state law. The adopted budget contained the same information as that required for the proposed budget (R.S. 39:1309).
7. After adoption, a certified copy of the budget has been retained by the chief executive officer or equivalent officer (R.S. 39:1309).
8. To the extent that proposed expenditures were greater than $500,000, the chief executive officer or equivalent notified the governing authority in writing during the year when actual receipts plus projected revenue collections for the year failed to meet budgeted revenues by five percent or more, or when actual expenditures plus projected expenditures to year end exceeded budgeted expenditures by five percent or more (R.S. 39:1311).
9. The governing authority has amended its budget when notified, as provided by R.S. 39:1311. (Note, general and special revenue fund budgets should be amended, regardless of the amount of expenditures in the fund, when actual receipts plus projected revenue collections for the year fail to meet budgeted revenues by five percent or more; or when actual expenditures plus projected expenditures to year end exceed budgeted expenditures by five percent or more. State law exempts from the amendment requirements special revenue funds with anticipated expenditures of $500,000 or less, and exempts special revenue funds whose revenues are expenditure-driven - primarily federal funds-from the requirement to amend revenues.)

Yes [X] No [ ] N/A [ ]

B. State Budget Requirements

1. The state agency has complied with the budgetary requirements of R.S. 39:33.

Yes [X] No [ ] N/A [ ]

C. Licensing Boards

1. The licensing board has complied with the budgetary requirements of R.S. 39:1331-1342.

Yes [ ] No [ ] N/A [X]

PART V. ACCOUNTING, AUDITING, AND FINANCIAL REPORTING LAWS

12. We have maintained our accounting records in such a manner as to provide evidence of legal compliance and the preparation of annual financial statements to comply with R.S. 24:513 and 515, and/or 33:463.

Yes [X] No [ ] N/A [ ]

13. All non-exempt governmental records are available as a public record and have been retained for at least three years, as required by R.S. 44:1, 44:7, 44:31, and 44:36.

Yes [X] No [ ] N/A [ ]

14. We have filed our annual financial statements in accordance with R.S. 24:514, and 33:463 where applicable. Yes [X] No [ ] N/A [ ]

15. We have had our financial statements audited in a timely manner in accordance with R.S. 24:513.
Yes [X] No [ ] N/A [ ]

16. We did not enter into any contracts that utilized state funds as defined in R.S. 39:72.1 A. (2); and that were subject to the public bid law (R.S. 38:2211, et seq.), while the agency was not in compliance with R.S. 24:513 (the audit law).

Yes [X] No [ ] N/A [ ]

17. We have complied with R.S. 24:513 A. (3) regarding disclosure of compensation, reimbursements, benefits and other payments to the agency head, political subdivision head, or chief executive officer.

Yes [X] No [ ] N/A [ ]

18. We have remitted all fees, fines, and court costs collected on behalf of other entities, in compliance with applicable Louisiana Revised Statutes or other laws.

Yes [ ] No [ ] N/A [X]

19. We have complied with R.S. 24:515.2 regarding reporting of pre- and post- adjudication court costs, fines and fees assessed or imposed; the amounts collected; the amounts outstanding; the amounts retained; the amounts disbursed, and the amounts received from disbursements.

Yes [ ] No [ ] N/A [X]

PART VI. MEETINGS

20. We have complied with the provisions of the Open Meetings Law, provided in R. S. 42:11 through 42:28.
Yes [X] No [ ] N/A [ ]

PART VII. ASSET MANAGEMENT LAWS

21. We have maintained records of our fixed assets and movable property records, as required by R.S. 24:515 and/or 39:321-332, as applicable.
Yes [X] No [ ] N/A [ ]

PART VIII. FISCAL AGENCY AND CASH MANAGEMENT LAWS

22. We have complied with the fiscal agency and cash management requirements of R.S. 39:1211-45 and 49:301-327, as applicable.
Yes [X] No [ ] N/A [ ]

PART IX. DEBT RESTRICTION LAWS

23. It is true we have not incurred any long-term indebtedness without the approval of the State Bond Commission, as provided by Article VII, Section 8 of the 1974 Louisiana Constitution, Article VI, Section 33 of the 1974 Louisiana Constitution, and R.S. 39:1410.60-1410.65.
Yes [X] No [ ] N/A [ ]

24. We have complied with the debt limitation requirements of state law (R.S. 39:562).
Yes [X] No [ ] N/A [ ]

25. We have complied with the reporting requirements relating to the Fiscal Review Committee of the State Bond Commission (R.S. 39:1410.62).
Yes [X] No [ ] N/A [ ]

PART X. REVENUE AND EXPENDITURE RESTRICTION LAWS

26. We have restricted the collections and expenditures of revenues to those amounts authorized by Louisiana statutes, tax propositions, and budget ordinances.

Yes [X] No [ ] N/A [ ]

27. It is true we have not advanced wages or salaries to employees or paid bonuses in violation of Article VII, Section 14 of the 1974 Louisiana Constitution, R.S. 14:138, and AG opinion 79-729.

Yes [X] No [ ] N/A [ ]

28. It is true that no property or things of value have been loaned, pledged, or granted to anyone in violation of Article VII, Section 14 of the 1974 Louisiana Constitution.

Yes [X] No [ ] N/A [ ]

PART XI. ISSUERS OF MUNICIPAL SECURITIES

29. It is true that we have complied with the requirements of R.S. 39:1438.C.

Yes [X] No [ ] N/A [ ]

PART XI. QUESTIONS FOR SPECIFIC GOVERNMENTAL UNITS

Parish Governments

30. We have adopted a system of road administration that provides as follows:

A. Approval of the governing authority of all expenditures, R.S. 48:755(A).
B. Development of a capital improvement program on a selective basis, R.S. 48:755.
C. Centralized purchasing of equipment and supplies, R.S. 48:755.
D. Centralized accounting, R.S. 48:755.
E. A construction program based on engineering plans and inspections, R.S. 48:755.
F. Selective maintenance program, R.S. 48:755.
G. Annual certification of compliance to the auditor, R.S. 48:758.

Yes [ ] No [ ] N/A [X]

School Boards

31. We have complied with the general statutory, constitutional, and regulatory provisions of the Louisiana Department of Education, R.S. 17:51-400.

Yes [ ] No [ ] N/A [X]

32. We have complied with the regulatory circulars issued by the Louisiana Department of Education that govern the Minimum Foundation Program.

Yes [ ] No [ ] N/A [X]

33. We have, to the best of our knowledge, accurately compiled the performance measurement data contained in the following schedules and recognize that your agreed-upon procedures will be applied to such schedules and performance measurement data:

Parish school boards are required to report, as part of their annual financial statements, measures of performance. These performance indicators are found in the supplemental schedules:

- Schedule 1, General Fund Instructional and Support Expenditures and Certain Local Revenue Sources
- Schedule 2, Class Size Characteristics

We have also, to the best of our knowledge, accurately compiled the performance measurement data contained in the following schedules, and recognize that although the schedules will not be included in the agreed-upon procedures report, the content of the schedules will be tested and reported upon by school board auditors in the school board performance measures agreed-upon procedures report:

- Education Levels of Public School Staff
- Experience of Public Principals, Assistant Principals, and Full-time Classroom Teachers
- Public School Staff Data: Average Salaries

We understand that the content of the first two schedules will be tested and reported upon together.

Yes [ ] No [ ] N/A [X]

Tax Collectors

34. We have complied with the general statutory requirements of R.S. 47.
Yes [ ] No [ ] N/A [X]

Sheriffs

35. We have complied with the state supplemental pay regulations of R.S. 40:1667.7.
Yes [ ] No [ ] N/A [X]

36. We have complied with R.S. 13:5535 relating to the feeding and keeping of prisoners.
Yes [ ] No [ ] N/A [X]

District Attorneys

37. We have complied with the regulations of the DCFS that relate to the Title IV-D Program.
Yes [ ] No [ ] N/A [X]

Assessors

38. We have complied with the regulatory requirements found in R.S. Title 47.
Yes [ ] No [ ] N/A [X]

39. We have complied with the regulations of the Louisiana Tax Commission relating to the reassessment of property.
Yes [ ] No [ ] N/A [X]

Clerks of Court

40. We have complied with R.S. 13:751-917 and applicable sections of R.S. 11:1501-1562.
Yes [ ] No [ ] N/A [X]

Libraries

41. We have complied with the regulations of the Louisiana State Library.
Yes [ ] No [ ] N/A [X]

Municipalities

42. Minutes are taken at all meetings of the governing authority (R.S. 42:20).
Yes [ ] No [ ] N/A [X]

43. Minutes, ordinances, resolutions, budgets, and other official proceedings of the municipalities are published in the official journal (R.S. 43:141-146 and A.G. 86-528).
Yes [ ] No [ ] N/A [X]

44. All official action taken by the municipality is conducted at public meetings (R.S. 42:11 to 42:28).
Yes [ ] No [ ] N/A [X]

Airports

45. We have submitted our applications for funding airport construction or development to the Department of Transportation and Development as required by R.S. 2:802.
Yes [ ] No [ ] N/A [X]

46. We have adopted a system of administration that provides for approval by the department for any expenditures of funds appropriated from the Transportation Trust Fund, and no funds have been expended without department approval (R.S. 2:810).
Yes [ ] No [ ] N/A [X]

47. All project funds have been expended on the project and for no other purpose (R.S. 2:810).
Yes [ ] No [ ] N/A [X]

48. We have certified to the auditor, on an annual basis, that we have expended project funds in accordance with the standards established by law (R.S. 2:811).
Yes [ ] No [ ] N/A [X]

Ports

49. We have submitted our applications for funding port construction or development to the Department of Transportation and Development as required by R.S. 34:3452.

Yes [ ] No [ ] N/A [X]

50. We have adopted a system of administration that provides for approval by the department for any expenditures of funds made out of state and local matching funds, and no funds have been expended without department approval (R.S. 34:3460).

Yes [ ] No [ ] N/A [X]

51. All project funds have been expended on the project and for no other purpose (R.S. 34:3460).

Yes [ ] No [ ] N/A [X]

52. We have established a system of administration that provides for the development of a capital improvement program on a selective basis, centralized purchasing of equipment and supplies, centralized accounting, and the selective maintenance and construction of port facilities based upon engineering plans and inspections (R.S. 34:3460).

Yes [ ] No [ ] N/A [X]

53. We have certified to the auditor, on an annual basis, that we have expended project funds in accordance with the standards established by law (R.S. 34:3461).

Yes [ ] No [ ] N/A [X]

Sewerage Districts

54. We have complied with the statutory requirements of R.S. 33:3881-4159.10.

Yes [ ] No [ ] N/A [X]

Waterworks Districts

55. We have complied with the statutory requirements of R.S. 33:3811-3837.

Yes [ ] No [ ] N/A [X]

Utility Districts

56. We have complied with the statutory requirements of R.S. 33:4161-4546.21.

Yes [ ] No [ ] N/A [X]

Drainage and Irrigation Districts

57. We have complied with the statutory requirements of R.S. 38:1601-1707 (Drainage Districts); R.S. 38:1751-1921 (Gravity Drainage Districts); R.S. 38:1991-2048 (Levee and Drainage Districts); or R.S. 38:2101-2123 (Irrigation Districts), as appropriate.

Yes [ ] No [ ] N/A [X]

Fire Protection Districts

58. We have complied with the statutory requirements of R.S. 40:1491-1509.

Yes [ ] No [ ] N/A [X]

Other Special Districts

59. We have complied with those specific statutory requirements of state law applicable to our district.

Yes [ ] No [ ] N/A [X]

The previous responses have been made to the best of our belief and knowledge. We have disclosed to you all known noncompliance of the foregoing laws and regulations, as well as any contradictions to the foregoing representations. We have made available to you documentation relating to the foregoing laws and regulations.

We have provided you with any communications from regulatory agencies or other sources concerning any possible noncompliance with the foregoing laws and regulations, including any communications received between the end of the period under examination and the issuance of this report. We acknowledge our responsibility to disclose to you and the Legislative Auditor any known noncompliance that may occur subsequent to the issuance of your report.

Commissioner Flozell Daniels, Chairman Regional Transit Authority	Date
Alex Z. Wiggins, Chief Executive Officer Regional Transit Authority	Date
Gizelle Johnson-Banks, Chief Financial Officer Regional Transit Authority	Date

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-062 **Finance Committee**

FY 2022 Bus and Bus Facilities Grant Application

DESCRIPTION: Application for grant funding to purchase replacement fleet vehicles for fixed routes and paratransit service systems	AGENDA NO: Click or tap here to enter text.
ACTION REQUEST: ☒ Approval ☐ Review Comment ☐ Information Only ☐ Other	

RECOMMENDATION:

Authorize the Chief Executive Officer to seek federal funds not to exceed the amount of $ 8,000,000 to purchase replacement vehicles that have exceeded their useful life. The total project amount is estimated at $10,000,000; the local match is 20%, $2,000,000.

ISSUE/BACKGROUND:

The RTA has 70 fixed route vehicles that are at the end of their useful life and need to be replaced. Simultaneously the FTA is restructuring many of the competitive grant programs because of the Bipartisan Infrastructure Law (BIL). The RTA will have to develop a long term zero emission transition plan to be competitive for any federal funds as a result BIL.

DISCUSSION:

Staff is determining the appropriate size and number of busses required for each route. New Links and the fleet condition assessment of the Transit Asset Management (TAM) will inform the estimate needed for the grant application.

Below is a potential scenario of the number of buses that may be requested.

Potential Scenario				80%	20%
Item	**Quantity**	**Estimate**	**Total**		
40' Bus	10	$620,000	$6,200,000	$4,960,000	$1,240,000
27' Bus	10	$275,000	$2,750,000	$2,200,000	$550,000
Subtotal			**$8,950,000**	$7,160,000	$1,790,000
Escalation	5%		$447,500	$358,000	$89,500
Project Admin/Management	3%		$268,500	$214,800	$53,700
Total			**$9,666,000**	**$7,732,800**	**$1,933,200**

FINANCIAL IMPACT:

The RTA will be responsible for the local match of $2,000,000. There is an expectation that maintenance cost will be reduced, by retiring the older vehicles.

NEXT STEPS:

Once the grant is awarded, the actual procurement of the vehicles will require Board approval.

ATTACHMENTS:

1. Resolution
2. Application Request

Prepared By: Lona Edwards Hankins, lhankins@rtaforward.org
Title: Deputy CEO of Infrastructure, Planning and Information Technology

Reviewed By: Lona Edwards Hankins, lhankins@rtaforward.org
Title: Deputy CEO of Infrastructure, Planning and Information Technology

Reviewed By: Gizelle Johnson Banks
Title: Chief Financial Officer

3/31/2022

Alex Wiggins
Chief Executive Officer

Date

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

RESOLUTION NO. _____

STATE OF LOUISIANA

PARISH OF ORLEANS

AUTHORIZATION TO ALLOW STAFF TO SUBMIT A GRANT APPLICATION FOR FEDERAL FUNDS TO PURCHASE REPLACEMENT FLEET VEHICLES FOR FIXED ROUTE AND PARA-TRANSIT SERVICE SYSTEMS

Introduced by Commissioner _____, seconded by Commissioner _____.

WHEREAS, the RTA has 70 fixed route vehicles that are at the end of their useful life and need to be replaced; and

WHEREAS, simultaneously the FTA is restructuring many of the competitive grant programs because of the Bipartisan Infrastructure Law (BIL); and

WHEREAS, the RTA will have to develop a long term zero emission transition plan to be competitive for any federal funds as a result BIL; and

WHEREAS, staff is determining the appropriate size and number of busses required for each route; and

WHEREAS, New Links and the fleet condition assessment of the Transit Asset Management (TAM) will inform the estimate needed for the grant application; and

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

RESOLUTION NO. _____
Page 2

WHEREAS, below is a potential scenario of the number of buses that may be requested; and.

Potential Scenario				80%	20%
Item	**Quantity**	**Estimate**	**Total**		
40' Bus	10	$620,000	$6,200,000	$4,960,000	$1,240,000
27' Bus	10	$275,000	$2,750,000	$2,200,000	$550,000
Subtotal			**$8,950,000**	$7,160,000	$1,790,000
Escalation	5%		$447,500	$358,000	$89,500
Project Admin/Management	3%		$268,500	$214,800	$53,700
Total			**$9,666,000**	**$7,732,800**	**$1,933,200**

WHEREAS, the RTA will be responsible for the local match of $2,000,000. There is an expectation that maintenance cost will be reduced, by retiring the older vehicles; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Regional Transit Authority (RTA) that the Chairman of the Board, or his designee, is authorized to allow staff to submit a Grant Application for Federal Funds to purchase replacement fleet vehicles for fixed and para-transit service systems.

THE FOREGOING WAS READ IN FULL, THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

AND THE RESOLUTION WAS ADOPTED ON THE 19TH DAY OF APRIL, 2022.

FLOZELL DANIELS
CHAIRMAN
BOARD OF COMMISSIONERS

2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-065 **Finance Committee**

Canal Street Ferry Terminal Project: Amendment to Woodward-APC's Contract

DESCRIPTION: Requesting Board Authorization to Amend Woodward-APC's contract to include the Time Delay Claim	AGENDA NO: Click or tap here to enter text.
ACTION REQUEST: ☒ Approval ☐ Review Comment ☐ Information Only ☐ Other	

RECOMMENDATION:

Authorize the Chief Executive Officer to amend Woodward-APC's contract for a not-to-exceed amount of $500.000.00 to include the Time Delay Claim.

ISSUE/BACKGROUND:

Shortly after the Notice to Proceed (NTP) was issued the RTA had to issue a notice to Woodward-APC (WAJV) to put the fabrication of the new gangway and modification of the temporary berthing barge on hold. This hold was in response to operational needs, a community request for a wider gangway, and a detailed condition assessment of the then dry-docked temporary barge. These items required redesign and approval by the various regulatory agencies.

These items were on the critical path because demolition of the existing terminal could not take place until the temporary berthing location was open.

This hold lasted from September 11, 2020, until March 11, 2021, when the design for the last item was completed. The original delay claim was 205 days for $950,000.00 it was recognized that the initial time impact analysis did not accurately forecast the completion date. The revised delay is 122 days and not to exceed $500,000.00.

DISCUSSION:

This change order delay claim request is for additional contract time and cost owed to Woodward/APC due to the owner's responsible delays to the critical path of the project.

The original Change Order Request (COR) including 209 days for $950,000.00 was negotiated down based on the following factors.

- Staff performed a critical review of the WAJC schedule submitted with the COR to more accurately account for the schedule acceleration provided by the RTA to drive piles in advance of the high river.
- The number of float days in the schedule was reduced by 22.
- Changed the way the General Conditions were calculated for this change order.

FINANCIAL IMPACT:

The total cost for this work is not to exceed $500,000.00 and will be funded through 1FERRY.1047 and other local sources if needed. Staff will continue to negotiate this price down as the pricing is finalized. If costs exceed $500,000.00, staff will resubmit a Board Agenda Item for reconsideration.

NEXT STEPS:

Upon Board approval, staff will amend Woodward-APC's contract to include the Time Delay Claim. If the pricing exceeds $500,000.00, staff will resubmit a Board Agenda Item for ratification. During the performance of this contract, staff will conduct ongoing dialogue with the Board during the project development.

ATTACHMENTS:

1. Resolution
2. Time Impact Analysis

Prepared By: Darrell LaFrance, dlafrance@rtaforward.org
Title: Project Manager, III

Reviewed By: Lona Edwards Hankins, lhankins@rtaforward.org
Title: Deputy CEO of Infrastructure, Planning and Information Technology

Reviewed By: Gizelle Johnson Banks
Title: Chief Financial Officer

4/7/2022

Alex Wiggins
Chief Executive Officer

Date

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

RESOLUTION NO. _____

STATE OF LOUISIANA

PARISH OF ORLEANS

REQUEST AUTHORIZATION TO AMEND WOODWARD-APC'S CONTRACT TO INCLUDE THE TIME DELAY CLAIM

Introduced by Commissioner _____, seconded by Commissioner _____.

WHEREAS, shortly after the Notice to Proceed (NTP) was issued the RTA had to issue a notice to Woodward-APC (WAJV) to put the fabrication of the new gangway and modification of the temporary berthing barge on hold; and

WHEREAS, this hold was in response to operational needs, community request for a wider gangway and detailed condition assessment of the then dry-docked temporary barge; and

WHEREAS, these items required redesign and approval by the various regulatory agencies. These items were on the critical path because demolition of the existing terminal could not take place until the temporary berthing location was open; and

WHEREAS, this hold lasted from September 11, 2020, until March 11, 2021, when the design for the last item was completed; and

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WHEREAS, the original delay claim was 205 days for $950,000.00 it was recognized that the initial time impact analysis did not accurately forecast the completion date. The revised delay is 122 days and not to exceed $500,000.00; and

WHEREAS, this change order delay claim request is for additional contract time and cost owed to Woodward/APC due to the owner's responsible delays to the critical path of the project; and

WHEREAS, the original Change Order Request (COR) including 209 days for $950,000.00 was negotiated down based on the following factors; and

- Staff performed a critical review of the WAJC schedule submitted with the COR to more accurately account for the schedule acceleration provided by the RTA to drive piles in advance of the high river.
- The number of float days in the schedule was reduced by 22.
- Changed the way the General Conditions were calculated for this change order.

WHEREAS, the total cost for this work is not to exceed $500,000.00 and will be funded through. 1FERRY.1047 and other local sources if needed. Staff will continue to negotiate this price down as the pricing is finalized. If costs exceed $500,000.00, RTA staff will resubmit a Board Agenda Item to ratify the Amendment; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Regional Transit Authority (RTA) that the Chairman of the Board, or his designee, authorization to amend Woodward-APC's contract to include the Time Delay Claim.

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THE FOREGOING WAS READ IN FULL, THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

AND THE RESOLUTION WAS ADOPTED ON THE 19th DAY OF APRIL, 2021.

_____
FLOZELL DANIELS
CHAIRMAN
BOARD OF COMMISSIONERS

PCCOR #053

Woodward/APC, A Joint Venture
1000 South Norman C. Francis Parkway
New Orleans, Louisiana 70125
Phone: (504) 822-6443

Project: 1001 - RTA Canal Street Ferry Terminal Project
54 Canal Street (Intersection of Convention Center Blvd. & Canal Street)
New Orleans, Louisiana 70130
Phone: (504) 822-6443

Prime Contract Change Order Request #053: CE #138 - Time Impact Analysis of Temporary Berthing Delays

TO:	Regional Transit Authority 2817 Canal Street New Orleans Louisiana, 70119	**FROM:**	Woodward/APC, A Joint Venture 1000 S Jefferson Davis Parkway New Orleans Louisiana, 70125
DATE:	3/4/2022	**ATTN:**	Darrell LaFrance ***(Regional Transit Authority)***
CHANGE ORDER REQUEST NUMBER / REVISION:	053 / 1	**PRIME CONTRACT CHANGE ORDER:**	None
STATUS:	Pending - Revised	**CREATED BY:**	Tom Abernathy **(Woodward Design+Build, LLC)**
SCHEDULE IMPACT:	174 days	**DATE CREATED:**	11 /1/2021
		TOTAL AMOUNT:	$ 755,983.62

CHANGE ORDER REQUEST TITLE: CE #138 - Time Impact Analysis of Temporary Berthing Delays

CHANGE ORDER REQUEST DESCRIPTION:
CE #138 - Time Impact Analysis of Temporary Berthing Delays

INTRODUCTION
On September 11, 2020, the first day of the Canal Street Ferry Terminal contract, RTA placed the temporary berthing barge on hold. The barge remained on hold until March 11, 2021 when the barge work was released with an increase in scope. The work placed on hold and the work added were on the critical path of the project. These items were on the critical path because it was a project requirement that the demolition of the existing terminal not take place until the temporary berthing location was open. The critical path in the baseline schedule ran through the temporary berthing, to the marine demolition, to the wharf construction, then to the concrete paving and hardscape. The delay in the first item of the critical path had effects on the entire project duration and those effects are itemized and valued in this change order request.

DESCRIPTION
This change order request is for additional contract time and additional general conditions and scheduling consultant cost owed to Woodward/APC, A joint Venture due to the owner responsible delays to the critical path of the project.

The additional contract time owed is 174 calendar days. This is proven through the use of time impact analysis comparing the baseline schedule to project updates #1-#17 covering the time period from September 10, 2020 to February 1, 2022. The time impact analysis was completed by the project's scheduling consultant, PMO Link. A formal report of the analysis with conclusions is attached to this change order request. Note that any delays after February 1, 2022 will be dealt with in a separate change order request.

The additional general conditions cost is calculated by using the 174 calendar days multiplied by the contractual daily general conditions rate (See A201 15.1.6.2.2) of $3,750.00 per day.

The additional scheduling consultant cost is for PMO Link's time to evaluate the delays and prepare the report.

ATTACHMENTS:

POTENTIAL CHANGE ORDERS IN THIS CHANGE ORDER REQUEST:

PCO #	Contract Company	Title	Schedule Impact	Amount
079	Regional Transit Authority	CE #138 - Time Impact Analysis of Temporary Berthing Delays	174 days	$755,983.62
			Total:	**$ 755,983.62**

CHANGE ORDER REQUEST LINE ITEMS:

PCCOR #053

PCO: 079

#	Cost Code	Description	Type	Amount
1	01-01000.00 - WDB General Conditions	General Conditions Cost	Subcontract	$ 652,500.00
2	01-01134.00 - Scheduling Services	Schedule Analysis	Subcontract	$ 8,050.00
			Subtotal:	$660,550.00
			Payment and Performance Bond: ≈ 0.55% Applies to all line item types.	$ 3,606.60
			Pollution, RR, GL, BR, WC, Excess & Auto Insurance: ≈ 4.57% Applies to all line item types.	$ 30,173.92
			Drayage: ≈ 0.18% Applies to all line item types.	$ 1,155.96
			Subcontractor Risk Management: ≈ 0.68% Applies to Subcontract.	$ 4,498.35
			Contractor Fee: 8.00% Applies to all line item types.	$ 55,998.79
			Grand Total:	**$755,983.62**

Imbrie Packard (Royal Engineers and Consultants, LLC)
4298 Elysian Fields Ave Suite B
New Orleans Louisiana 70122

Regional Transit Authority
2817 Canal Street
New Orleans Louisiana 70119
Darrell LaFrance

Woodward/APC, A Joint Venture
1000 S Jefferson Davis Parkway
New Orleans Louisiana 70125
Lane M. Louque

SIGNATURE **DATE**

SIGNATURE **DATE**

SIGNATURE **DATE**

Supplemental Time Impact Analysis
Barge Re-Design on Overall Project

Prepared for:

Woodward/APC, A Joint Venture

March 4, 2022

PMO LINK

Introduction:

PMOLink is supporting Woodward/APC, A Joint Venture ("Contractor" or "WAJV") with the CPM scheduling of the RTA Canal Street Ferry Terminal Project. PMOLink worked with Contractor in development of the initial Project Baseline Schedule (the "Original Baseline"). This Original Baseline is based on a Data Date of September 10, 2020, and has been reviewed and accepted by the project owner's scheduling consultants. A copy of the Original Baseline in native XER format is included as an attachment to this analysis.

This second supplemental TIA is prepared to further analyze the continued impact of the delay sustained to the overall planned completion date as a result of the re-design process related to the new boarding barge and adjacent structures. In the prior (November 1st, 2021) analysis, it was determined by a hybrid analysis that as of Update 11 the project was on track to finish March 23, 2023 -- 195 calendar days behind the original baseline schedule.

This analysis continues the prior review, considering actual schedule progress through February 1, 2022 and focusing on the critical path to completion to determine the currently realized impact on the critical path to completion. The reality of construction means that there have been other interloping events which have had the practical effect of both increasing and reducing the projected path to completion throughout the progression of the project.

Discussion:

The below analysis tracks the project's forecast completion and longest critical path on an update-by-update basis for purposes of determining what events have driven the project's projected completion to February 9, 2023, as of the January 31, 2022 progress update (February 1, 2022, Data Date). Insofar as the most impactful of the delays, the re-design of the temporary barge, began during the initial project update cycle, each update has been considered based upon the schedule as submitted for each of the respective monthly updates.

Update 1: October 1, 2020, Data Date[1]

This update represents the first update made to the project schedule. Given that the Temporary Barge Re-Design had already begun by this point, the delay activities were included. At this point in time, the delay activity that was driving the longest critical path (Impact-1004) was estimated to be completed by Feb 9, 2021. This delay activity directly drove the sequence of original schedule scope activities, pushing the overall projected completion from the Baseline date of September 9, 2022, by 144 calendar days, projecting a new completion of January 31, 2023.

As of this update the following 62 activities comprised the project's longest critical path. These activities and their variance are shown in the included Appendix A. At this point in the project lifecycle, the

[1] It is worth noting that Update 1 was never formally submitted for review. By the time the baseline was completed, the project was already 4-months into the progress period. This Update was created to facilitate tracking of progress achieved on a monthly basis.

schedule's critical path flowed through the fabrication and delivery of the temporary barge, then continued through foundation and piling work for the wharf.

Update 2: November 1, 2020, Data Date[2]

For Update 2, the schedule was progressed to reflect progress achieved through October 31, 2020. At this point in time, the delay activity that was driving the longest critical path remained Impact-1004, which was estimated to be completed by Feb 9, 2021. During this update, the remaining duration on Impact-1004 was reduced to reflect the days elapsed in October of 2020. Accordingly, the project retained a projected completion date of January 31, 2023 (a 144-calendar day variance from the original baseline).

The critical path was still comprised of the same 62 activities from the prior update. The Update 2 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 3: December 1, 2020, Data Date[3]

For Update 3, the schedule was updated to reflect actual progress through November 30, 2020. At this point in time, the delay activity that was driving the longest critical path remained Impact-1004, which was estimated to be completed by Feb 9, 2021. During this update, the remaining duration on Impact-1004 was reduced to reflect the days elapsed in November of 2020. Accordingly, the project retained a projected completion date of January 31, 2023 (a 144-calendar day variance from the original baseline).

The critical path was still comprised of the same 62 activities from the prior update. The Update 3 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 4: January 1, 2021, Data Date[4]

For Update 4, the schedule was updated to reflect actual progress through December 31, 2020. At this point in time, the delay activity that was driving the longest critical path remained Impact-1004. It is of note that during this update, the projected completion date for Impact-1004 shifted from February 9 to February 10 of 2021. This 1-day shift was the byproduct of an arithmetic error in calculation of the remaining duration following December's progress. For the reasons identified in the following paragraph, it is of little consequence for this update period.

The critical path was still comprised of the same 62 activities from the prior update. While the critical path remained unchanged in terms of activity composition during this update cycle, progress was made on activity 8100 – "Flood Side Exploratory Exc & Survey Property". This activity took an earlier than planned, out of sequence start on December 14, 2020, and 5-days of progress out of the originally scheduled 9-day duration was achieved. As a result, the projected completion date shifted inward to January 25, 2023 (a 138-calendar day variance from the original baseline).

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[2] It is worth noting that Update 2 was never formally submitted for review. This Update was created to facilitate tracking of progress achieved on a monthly basis.

[3] It is worth noting that Update 3 was never formally submitted for review. This Update was created to facilitate tracking of progress achieved on a monthly basis.

[4] It is worth noting that Update 4 was never formally submitted for review. This Update was created to facilitate tracking of progress achieved on a monthly basis.

Update 5: February 1, 2021, Data Date

For Update 5, the schedule was updated to reflect actual progress through January 31, 2021. At this point in time, the delay activity that was driving the longest critical path remained Impact-1004, which was estimated to be completed by Feb 10, 2021. During this update, the remaining duration on Impact-1004 was reduced to reflect the days elapsed in January of 2021. Accordingly, the project retained a projected completion date of January 25, 2023 (a 138-calendar day variance from the original baseline).

The critical path was still comprised of the same 62 activities from the prior update. The Update 5 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 6: March 1, 2021, Data Date

For Update 6, the schedule was updated to reflect actual progress through February 28, 2021. At this point in time, the delay activity that was driving the longest critical path remained Impact-1004. During this update, however, the projected completion for this activity was re-forecast to March 10, 2021. This was done based upon information available at the time and the failure of the delay associated with the re-design hold on the temporary barge to resolve by February 10, 2021.

The critical path was still comprised of the same 62 activities from the prior update. The Update 6 critical activities and their variance from the project baseline are shown in the included Appendix A. The failure of Impact-1004 to complete as forecast, and the new forecast date of March 10, 2021, resulted in a slip in the overall projected completion from January 25, 2023, to February 17, 2023 (a 161-calendar day variance from the original baseline).

Update 7: April 1, 2021, Data Date

For Update 7, the schedule was updated to reflect actual progress through March 31, 2021. During this update period, activity Impact-1004 resolved, completing on March 11, 2021. The practical impact of this was that the activity composition of the project's longest critical path was reduced to 61 activities – reflecting the removal of the then completed Impact-1004 activity. Otherwise, the composition of the longest critical path to completion remained unchanged.

The Update 7 critical activities and their variance from the project baseline are shown in the included Appendix A. Additionally, the projected completion of the project shifted inward from February 17, 2023, to February 14, 2023 (a 158-calendar day variance from the original baseline). This inward movement of the completion date derived from the progress made on activity 2260 – "Prepare & Submit Temp Barge Aluminum Platforms & Ramps", which began March 12, 2021 (immediately after the design hold represented by activity Impact-1004 was released). As of Update 7, activity 2260 was progressing toward completion 5-days earlier than its originally forecast 30-day duration. This progress resulted in a 3-calendar day advance in projected completion versus Update 6.

It can also be concluded that as of March 31, 2021, the project schedule had been delayed 158-calendar days from the originally approved baseline as a result of the re-design of the temporary barge and its boarding structure. This is also the point where the scope of the delay as contemplated in the prior TIA submission would have resolved. However, as will be seen in review of subsequent update periods,

additional impacts/delays arose – some directly derivative of the re-design, others arising from unrelated factors.

Update 8: May 1, 2021, Data Date

For Update 8, the schedule was updated to reflect actual progress through April 30, 2021. During this update period, a new delay derivative of the temporary barge re-design occurred. As part of the re-design, additional features were added to the temporary barge and boarding structure, which resulted in additional scope being added into the schedule. This scope was encompassed as part of RFP-002 and required shipyard work to be performed prior to the temporary barge being delivered to the APC yard. These changes are encompassed in an activity Fragnet for RFP-002, which was added into the schedule.

This additional scope impacted the schedule by functionally delaying the delivery of the temporary barge to the APC yard for outfitting. This outfitting began with the critical activity 2032 - "Set Boarding Structure on Temp. Barge". In Update 7, activity 2032 was critical and bore a planned start of June 15, 2021, the day after the shipyard work in activity 2040 finished. For Update 8, however, the additional shipyard work resultant from the re-design caused a shift in the forecast commencement of activity 2032. The new predecessors to activity 2032 (again, representing the additional scope) moved the start date from June 15, 2021, to a new start date of July 29, 2021 (a shift of 44-calendar days). As expected, this shift in the forecast start of a longest critical path activity impacted the overall project's planned completion. The 44-day shift to activity 2032 was also mitigated during this update period such that the full 44-day slip was not realized.

To best figure out how this full variance was not realized, we must walk down the critical path chronologically to identify the mitigating steps:

- First, activity 2350 – "Remove Existing Fendering" was deleted from the project insofar as its scope was subsumed in the new activity RFP-002-1110. Absent removal of this activity, 8-additional calendar days of duration would have remained in the project. Stated another way, barring consideration of any other mitigating factors, the projected completion date would have been March 28, 2023. Removal of activity 2350 alone brought the "would-be" completion into March 21, 2023.
- The second chronological change following removal of 2350, occurred on activity 2032. In Update 7, this activity had a planned duration of 4 working days. This planned duration was increased by 1 working day to a total of 5. This adjustment means the "would-be" completion date would shift to March 22, 2023.
- Next, activity 2050's planned duration of 13 working days was reforecast to 10 working days. This reduction occurred because a few days of scope that was originally in this activity was now going to occur in the added activity RFP-002-1110. This changed the "would-be" completion date to March 17, 2023.
- Next, activity 2030 was re-forecast from a planned duration of 8 working days to a new duration of 13 working days. Addition of these days moved the "would-be" finish date from March 17, 2023, to March 24, 2023.
- Next, activity 3140's duration was adjusted downward from 36 working days to 32 working days. This was done because activity 3140 is the activity used for capturing the adverse weather days.

A total of 4 adverse weather days affecting the critical path were experienced between Updates 7 & 8. This adjustment shifted the "would-be" finish date to March 20, 2023.

- Lastly, a change was made to activity 3150 by reducing the planned duration from 32 to 22 working days. This adjustment shifted the "would-be" completion to March 6, 2023.

Further discussion of this last adjustment to activity 3150 and its duration is warranted. Activity 3150 - "Punchlist at Temporary Berthing" is logically strung between the project's substantial completion and final completion activities. Further, in the original baseline submissions, this activity was allocated 10 working days. In this initial Baseline submission, the project was carrying positive working days of Total Float. However, during the review and comment by the RTA consultants, it was insisted upon that this duration be modified. The modification was sought insofar as owner's consultants expressed concern that showing Total Float on the project's critical path would yield uncertainty.[5]

Given that by this point in the process, the project was already off and running, the interim decision was made to concede the point and simply adjust the duration of 3150 up to 32 working days, thereby causing the project to show 0 days of Total Float.

The above-identified changes to the Update 8 schedule yielded a forecast that the project would reach final conclusion March 6, 2023. Further, and despite WAJV's ability to mitigate some of the additional delay impact due to re-designs initiated by the owner, as of Update 8 the project the project had sustained 179 calendar days of delay. Notably, this includes the giving back of 10 days of "burned" float by reducing the remaining duration of activity 3150 from 32 days to 22 days. This change alone reduced the project's overall projected completion date by 15 calendar days.

The Update 8 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 9: June 1, 2021, Data Date

For Update 9, the schedule was updated to reflect actual progress through May 31, 2021. During this update period progress continued. During this update period, COR 26 was introduced into the schedule to reflect additional owner-initiated scope to the temporary barge fabrication. As a result of this, the critical activity RFP-002-1110 was split into two parts and the additional COR 26 scope activities were logically inserted in between. To accomplish this, RFP-002-1110 was broken into RFP-002-1110a and RFP-002-1110b. The original 75wd duration was allocated such that 45wd (10wd remaining) were attributed to 1110a and 30wd to 1110b. Activities RFP-002-1170 (35wd) and RFP-002-1200 (10wd) were

[5] It also bears noting that the assertion has been made that activities 3280 and 8940 also may have had durations increased to "consume" float. However, even if this were a valid contention, it is of no moment insofar as both of those activities represent a non-arbitrary amount of actual work to be performed. 3280 represents the WAJV demobilization of the job site, an activity that was inadvertently left out from the early baseline versions and which is certainly not an activity that WAJV would allow persist so long as to incur LD's. Regarding 8940, 5 additional days were added to the activity which originally had a 15wd duration and represents the Forming and Pouring of Exposed Aggregate concrete paving. Further, in contracts such as this one, where there is no mention of float ownership and where this additional compensation for early completion, float is typically owned by the contractor. See, e.g., K.Rubenstein & N. Fennessy, *Hurry Up and Wait: Dealing with Delays When the Project Still Finishes Early*, American Bar Association, March 13, 2019.

inserted. For simplicity's sake, this shifted the anticipated delivery of the temporary barge to the APC yard (RFP-002-1140) from July 28, 2021, to September 16, 2021 – shift of 50-calender days.

This same 50-calendar day shift was realized to the project's overall projected completion date, which shifted from March 6, 2023, to April 24, 2023. The critical path of the schedule continued to be driven directly by delay work derivative of the extensive re-design to the temporary barge elements of the overall project. Following Update 9, the project tracked 227-calendar days behind schedule.[6]

The Update 9 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 10: July 1, 2021, Data Date

For Update 10, the schedule was updated to reflect actual progress through June 30, 2021. During this update period progress continued on the temporary barge work. During this update period, COR 35 was submitted and issued for the purpose of authorizing the shipyard to increase their production rate and work overtime in hopes of recouping some of the time lost due the temporary barge re-design and related work scope. This increased production rate shifted the planned completion date for the critical activity RFP-002-1170 from July 20, 2021, to July 9, 2021. It also resulted in a reduced forecast duration of activity RFP-002-1200 from 10wd to 5wd. These combined adjustments accelerated the delivery timeline of the temporary barge to the APC yard from September 16, 2021. to August 30, 2021 – an improvement of 18 calendar days.

The acceleration of the critical path shipyard work caused a practical overall improvement in the project's overall forecast completion date, drawing it in from April 24, 2023, to April 3, 2023 – a realized improvement of 22-calendar days. The critical path of the schedule continued to be driven directly by delay work derivative of the extensive re-design to the temporary barge elements of the overall project. Following Update 10, the project tracked 206-calendar days behind schedule.[7]

The Update 10 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 11: August 1, 2021, Data Date

For Update 11, the schedule was updated to reflect actual progress through July 31, 2021. During this update period progress on the fabrication of the temporary barge continued, however additional delay was experienced insofar as there was delay in approving COR 37 - Fendering and COR 38 - Electrical Changes for the temporary barge. As a result, the shipyard had to stop work. They did not work on the barge from June 29 - Jul 15 – 17-calendar days. The work was released on July 9th, but it took until July 15th for the shipyard to reset the barge for work and get the additional materials. These delays

[6] Also worth noting is that this date ultimately would have been worse had WAJV not previously "burned" 10wd's of float from activity 3150. For purposes of illustration, absent consumption of the float on 3150, the project would have tracked to complete on May 8, 2023 – a total delay 241-calendar days.

[7] Again, it is bears noting that this date ultimately would have been worse had WAJV not previously "burned" 10wd's of float from activity 3150. For purposes of illustration, absent consumption of the float on 3150, the project would have tracked to complete on April 17, 2023 – a total delay 220-calendar days

concerning the temporary barge caused the projected delivery of the temporary barge to the APC yard (activity RFP-002-1140) to shift from August 30, 2021, to September 13, 2021 - a slip of 14-calendar days.

Additionally, during this update period COR 40 was approved. As part of COR 40, the owner agreed to pay APC to accelerate and work 7 days per week on the temporary ferry berthing once the barge was delivered to APC's yard. The owner also agreed to close the existing ferry berthing early, allowing for the existing barge to be removed and clearing up the marine demolition to begin earlier.

The practical effect of the above approach changes was a shift in the critical path moving the marine demolition at the berthing for the existing barge forward in time. As of Update 10, the marine demolition at the existing berthing was slated to begin November 2, 2021. Following the early closure of the existing ferry berthing and the owner's release to begin the marine demolition immediately, the marine demolition activities shifted to a projected start of August 31, 2021 – an improvement of 64-calendar days. However, the full benefit of this shift was not ultimately realized. This is because the change in approach was significant and resulted in a situation where APC would now be faced with two available work fronts – requiring two crew and the associated marine equipment. This resource change presented significant variation from the baseline approach.

For the above reason, the demolition work, while ultimately starting earlier, would still not be able to complete 64-calendar days early. Instead, the schedule forecast the critical marine demolition work (last activity being 1120) to complete November 15, 2021, instead of December 9, 2021, as projected in Update 10. This occurred because the schedule was modified by adjusting the calendar of the marine demolition activities to reflect the APC crew pulling off of the marine demo on September 13, 2021 (the new date for delivery of the temporary barge to the APC yard) and pivoting to work 7-days a week on the activities relating to the preparation and fab of the temporary barge. Essentially, this resulted in the schedule reflecting a suspension of the marine demolition from September 14, 2021, to October 22, 2021 – the date that the owner funded acceleration the APC work scope on the temporary barge work would complete. Essentially, in order to get the temporary berthing open as soon as possible, the critical path of the project remained impacted due to the barge re-design.

In sum, for the Update 11 period, the schedule underwent significant adjustment in terms of workflow orchestration. Following Update 11, the projected completion of the project improved from April 3, 2023, to March 23, 2023 – a improvement of 11-calendar days. However, the critical path of the schedule continued to be impacted directly by delay work derivative of the extensive re-design to the temporary barge elements of the overall project. Following Update 11, the project tracked 195-calendar days behind schedule.[8]

The Update 11 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 12: September 1, 2021, Data Date

[8] Again, it is bears noting that this date ultimately would have been worse had WAJV not previously "burned" 10wd's of float from activity 3150. For purposes of illustration, absent consumption of the float on 3150, the project would have tracked to complete on April 6, 2023 – a total delay 209-calendar days.

For Update 12, the schedule was updated to reflect actual progress through August 31, 2021. During this update period the critical workflow remained largely the same. Following the previous update period, it was projected that the driving critical activity, A1030 – "Mobilization for Marine Demo" was scheduled to complete on August 30, 2021, and showed a remaining duration of 21 working days. Upon completion of A1030, demolition and disconnection of the existing gangway, access platforms and other berthing structures would proceed as critical activities. However, at the end of August, Hurricane Ida struck the New Orleans area. Prior to Ida's landfall, all project work was suspended on August 26, 2021. As a result, no forward construction process was made for the remainder of August 2021.

During the month of August 2021, there were also a handful of activities re-sequenced with respect to the activities driving delivery of the Temporary Barge to the APC yard. This re-sequence became imperative to in an effort to minimize loss of forward progress following an outbreak of Covid-19 and the C&C yard that stopped work on the activity RFP-002-1110b – "Shipyard Coatings & Finish Work" from August 2-12, 2021. In Update 11, Shipyard Coatings & Finish Work was projected to complete on September 10. However, by Update 12, the Shipyard Coatings & Finish Work task's projected completion slipped to September 28, 2021. This slip is a combination of the lost production from the Covid outbreak merged with the Hurricane Ida suspension, which began on August 26th. To mitigate this impact, the sequencing with respect to the installation of the Temporary Barge Access Platform Piles and Mono-Piles was flipped to occur during the timeframe when the APC crew would otherwise have been working on competing the temporary barge at their yard.

In sum, the overall Project varied slightly from an activity composition. Ultimately, Hurricane Ida's impact remained the overall driving force contributing to schedule slippage during Update Period 12. As of Update 12, the projected project completion shifted 6-calendar days, from March 23, 2023 to March 29, 2023. Following Update 12, the project tracked 201-calendar days behind schedule.

Update 12 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 13: October 1, 2021, Data Date.

For Update 13, the schedule was updated to reflect actual progress through September 30, 2021. During this update period the critical workflow remained largely the same. There was rather significant time impact realized during this update. This was due to the continuing impact of Hurricane Ida as well as Hurricane Nicholas, which caused nearly all work on the project to be halted from August 26, 2021 to September 13, 2021. During Update period 13, activity, A1030 – "Mobilization for Marine Demo" completed on September 20, 2021. Additionally, progress to completion was made on activities 2232, 2234, and 2300 – all of which were critical in Update 12.

A minor re-sequence of critical path work was made, beginning with to activity 2062 – "Install Access Platform on Pile Jackets". 2062 was given an additional predecessor relationship to activity 2220 – "Relocate Temp Barge from Yard to Audubon". This relationship was added to reflect that APC's work efforts were prioritized to completion of the outfitting of the temporary barge, which up to this point, had been significantly delayed due to the numerous design changes. This also resulted in a push to the planned start/finish for 2062, which was a driving critical path activity. To mitigate this impact, 2062

was removed as a predecessor to activity 1020 – "Demolish Gangway & Access Platforms" advancing 1020's ability to begin at an earlier date and removing it from the critical path.

The updated critical path as of October 1, 2021, then ran through the completion of the Shipyard Coatings and Finish Work, delivery of the temp barge to APC yard, and the final outfitting of the temp barge prior to delivery at Audubon (activities RFP-002-1110b, RFP-002-1140, 2032, 2050, & 2220 respectively). Thereafter, the critical path remained unchanged from Update 12.

As of Update 13, the projected project completion shifted 22-calendar days, from March 29, 2023 to April 20, 2023. Following Update 13, the project tracked 223-calendar days behind schedule.

The Update 13 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 14: November 1, 2021, Data Date.

For Update 14, the schedule was updated to reflect actual progress through October 31, 2021. During this update period the critical workflow proceeded through the demolition of the previously existing ferry access elements. Demolition of the Vehicle Ramp (activity 1030) began earlier than projected in Update 13. Additionally, sequencing was changed with respect to the demolition of the lifting towers (activity 1050) and the marine arcade wall (activity 1060). Up to this point, the plan was to conduct the demolition of these three attributes sequentially 1030 -> 1050 -> 1060 through the use of Finish to Start logic. However, during month of October a revised approach was determined and the relationships were updated to reflect Start to Start logic. This allowed for the demolition work to be scheduled quasi-concurrently for these tasks. This accelerated approach in logic resulted in a significant projected improvement in the overall project completion date.

As an additional part of this schedule update, two activities were split to accurately reflect the then current construction plan. Activity 2990 – "Procure Perforated Metal Panels" was broken into procurement for the East and West. To achieve this, activity 2992 was added to reflect procurement of the Perforated Metal Panels for the East and 2990 was re-named to reflect procurement for the West. This change had no impact to the flow of critical work. It was simply added to reflect the procurement would be undertaken in two phases to accurately drive the respective successor activities for installation. Additionally, activity 7020a was added to break down the timber pile installation into two separate activities to carve out 11 piles that would be installed at a later point than those actually installed during the October period.

In sum, for the Update 14 period, the schedule realized a meaningful advancement in projected completion date, recovering time lost to the re-design delays and weather from months prior. Following this update, the projected completion of the project improved from April 20, 2023 to March 13, 2023 – an improvement of 38-calendar days. Following Update 14, the project tracked 185-calendar days behind schedule.

The Update 14 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 15: December 1, 2021, Data Date.

For Update 15, the schedule was updated to reflect actual progress through November 30, 2021. During this update period, the critical workflow of the project proceeded largely according to the prior month's projection. Additionally, during this update period APC began working overtime, increasing efforts to 7-days a week on critical activities. This began following a November 11, 2021 email from the owner. The positive benefit of this increased output on APC demolition and pile driving activities scheduled forward further served to show an improvement in the projected completion of the project.

Activity 1030 – "Demolish Vehicle Ramp" was the primary critical activity on which progress was made. In fact, Activity 1030, which had a remaining duration of 32-working days as of Update 14, experienced a greater than anticipated level of progress. This advanced progress actually brought the forecast completion date of 1030 in from December 15, 2021 to an updated projection of December 4, 2021 – a gain of 11-calendar days.

Ordinarily, this duration improvement of to a critical path activity would render a day-for-day gain on the overall project completion. That was almost the case in during Update 15. However, Activity 1062 – "Excavate Bent Lines for Steel Piles" was added into the schedule to capture the scope required to clean up underground obstructions that could interfere with pile driving. Activity 1062 was logically inserted between Arcade Demo Wall (1060) and Marine Demo Demobilization (1070). This extension of the logic passing from 1060 to 1070, coupled with the accelerated completion of 1030 caused a slight shift in the critical path near the data date.

Taken together, the accelerated progress and schedule adjustments still allowed the overall scheduled completion date to move in a total of 10-calendar days rather than the potential 11-calendar days from the early completion of 1030. Following this update, the projected completion of the project improved from March 13, 2023 to March 3, 2023 – an improvement of 10-calendar days. As of Update 15, the project tracked 175-calendar days behind schedule.

The Update 15 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 16: January 1, 2022, Data Date.

For Update 16, the schedule was updated to reflect actual progress through December 31, 2021. During this update period, the critical workflow of the project proceeded through activities affected in resolving underground obstructions uncovered during the pile driving process. Additionally, during this update it was anticipated that the repair to the pile caps (added as Activity A1060) may delay the ability of APC to mobilize its primary crane for the driving of piles. Activity A1050 – "Demolish Underground Obstruction - Planter Pile Area" also delayed Activity 1170 – "Demobilize Marine Demo Equipment". The delay in demob of the marine demolition equipment additionally impacted the ability for APC to mobilize in the pile-driving rig for their primary crane. To stave off as much of the potential impact as possible, activity 6050 was split and 6052 added. The 8 working day duration formerly attributed solely 6050 was split evenly with 6052, leaving each activity with a budget of 4 working days.

Although, the above discussed impacts did delay the activities on the critical path, such delay does not manifest when simply looking at the overall completion dates between Updates 15 and 16. This discrepancy stems from the decision to reflect the progress days lost to Hurricane Ida during this update. These hurricane days were captured by reducing the duration of activity 3140 from 29 to 13 days. Activity 3140 represents the "bucket" activity used to capture the contractually anticipated adverse weather days. Originally set at 36 days, there were 29 days left prior recognizing 16 working days of loss due to Hurricanes Ida and Nicholas. The decision of how to reflect these days was made following a January 4, 2022 meeting between WAJV and the project owner representatives and consultants. Absent this adjustment, the overall project completion date would have slipped 13-calendar days from March 3, 2023 to March 16, 2023. However, following the drawdown of the 16 working days from 3140, an overall improvement in the forecast project completion date was recognized.

Following schedule Update 16, the projected completion of the project improved from March 3, 2023 to February 22, 2023 – a schedule improvement of 9-calendar days over the previous update. As of Update 16, the project tracked 166-calendar days behind schedule.

The Update 16 critical activities and their variance from the project baseline are shown in the included Appendix A.

Update 17: February 1, 2022, Data Date.

For Update 17, the schedule was updated to reflect actual progress through January 31, 2022. Progress continued through critical work, with the completion of the additional pile cap repairs and the demobilization of the marine demolition equipment. The pile driving equipment mobilized in and the pile driving began. This update period is of particular note due to the fact that a considerable advancement in the project's forecast completion is presented. Due to the unique time period remaining, the work spans two significant holiday periods – Mardi Gras 2022 and Mardi Gras 2023. As a result, the minor improvement of roughly 3-calendar days that would have been realized due to earlier than forecast completion of certain critical work during this period yielded a realized improvement of 13-calendar days. These additional 10-days are the result of the projected final completion moving from immediately after the Mardi Gras 2023 holiday to now fall immediately before.

Following schedule Update 17, the projected completion of the project improved from February 22, 2023 to February 9, 2023 – a schedule improvement of 13-calendar days over the previous update. As of Update 17, the project tracked 153-calendar days behind schedule.

The Update 17 critical activities and their variance from the project baseline are shown in the included Appendix A.

Summary of Findings:

As can be clearly discerned from a reading of the above, it is beyond dispute that the project has experienced significant and continuing delay as a result of the re-design to the temporary barge and its components. It is certainly acknowledged that the owner has made continuing efforts to mitigate the overall impact of this delay through paid acceleration to the WAJV as well as sequencing adjustments in

moving up the timeline for closure of the old terminal through relocation of the prior boarding barge. These actions have certainly allowed for meaningful time to be recovered. Likewise, the occurrence of Hurricanes Ida and Nicholas played a role in the progression of work since Update 11.

As of the February 1, 2022 Update, the project is tracking 153-calendar days behind schedule. This translates to a forecast Final Completion date of February 9, 2023. It is of particular note that the current forecast for achieving project Substantial Completion is presently tracking at December 23, 2022.

Ownership of Float:

A continuing issue in this matter revolves around ownership of float. Typically, float on a project is going to fall within one of the following categories: (1) contractor-owned; (2) owner-owned; or (3) shared. The contract for this project is silent on the issue of float ownership. However, this project does include provisions that would allow the contractor to receive a compensation bonus based upon varying early completion metrics. It is generally accepted that contractors reserve the right to complete a project early. In fact, in this case, not only would WAJV have the right, but they are also able to earn compensation bonuses based on such an early completion. For that reason, it would be analytically backwards to assume that ownership of the project float would rest with anyone other than WAJV. In the absence of an express contract provision to the contrary, any other outcome would essentially give the owner the unfettered right to cause delay and consume float effectively robbing a contractor of the ability to earn financial incentive by finishing the job ahead of the contractually required finish date. That is exactly the issue here.

The preliminary baseline submissions of the project clearly indicated that WAJV had a plan that it intended to execute which would allow for a project completion ahead of the contractually required completion date of September 9, 2022. This was also confirmed in the baseline analysis performed by the RTA's schedule consultant in its November 2, 2020, letter. Notably, the schedule upon which the November 2, 2020, letter was based indicated a planned completion date of July 1, 2022. Following subsequent review and discussion both internally and with the project owner, engineer, and consultants, minor amendments were made. Notably, the duration of activity 8940 – "Form and Pour Exposed Aggregate Concrete Paving" was increased from 15wd to 20wd. Activity 3280 – "Final Demob from Site" was also added and logically tied to occur following punch list, but before the final completion milestone.

As briefly addressed in footnote 1 above, the contention has been levied that these activities represent an artificial consumption of float. This assertion, even if is taken as true, is immaterial. Even if these represent the consumption of float, it affords the owner no basis to claim some sort of offset for any owner caused delay. If WAJV modified their approach, thereby finishing "less-early" than they otherwise would have, such choice would be WAJV's prerogative. Functionally, this would be no different than WAJV choosing to slow down the rate of progress and forego the early completion incentive.

Having addressed activities 3280 and 8940, the real complication is found in activity 3150. This activity presents an issue insofar as it was originally assigned a 10wd duration to cover the completion of

remaining punch list items to be addressed in fully decommissioning the temporary berthing after substantial completion. Had the baseline been accepted with WAJV's planned 10wd duration, the baseline project would have yielded a projected completion of August 9, 2022 – 31-calendar days ahead of the contract final completion date. However, WAJV received some pushback from the owners' team and 22wd duration was added to activity 3150. This functioned as a retained float value and established a circumstance where the project would not show any positive float. It was the contention of the owner's team that showing positive float in the schedule would hinder the utility of the schedule when it came to tracking the critical path. However, these 22wd add a layer of complexity that otherwise would not exist in the schedule. These days must be both explained and contended with in determining the number of delay days to which WAJV is entitled to claim.

Claimed Delay:

As noted above, the schedule is tracking 153-calendar days behind schedule through February 1, 2022 (Update 17). It bares noting that this 153-calendar days does not include the time discussed in the Time Impact Analysis dated November 1, 2021. It remains the opinion of the undersigned that WAJV is entitled to the additional 10-work days of "burned" float removed from Activity 3150 during Update 8.[9] Factoring these 10-work days back into Activity 3150 would cause an overall push of the forecast project completion date from February 9, 2023 to March 2, 2023 – a realized shift of 21-calendar days.

Inclusion of these 21-calendar days in the experienced delay to date caused by the significant re-designs would yield a new Contract Completion date of March 2, 2023 following Update 17:

Baseline Finish	Forecast Finish	Variance (CD)
9/9/2022	3/2/2023	-174

Accordingly, WAJV is entitled to a contract extension of 174-calender days based upon the delays stemming from the re-design of the temporary barge and continuing complications that flowed therefrom. This extension of time is necessary to put WAJV back in the same position as they would have been, but for this delay. Again, it is the opinion of the undersigned that an award of any days fewer than 174 places WAJV at a contractual disadvantage with respect to their risk of incurring liquidated damages. Likewise, a lesser adjustment would serve to further hamper WAJV's ability to prosecute the work scope to achieve compensation in the form of the contractually available early completion incentives.

Conclusions:

Building from the previously submitted analyses, and further based upon the above review of the schedule progress from Update 1 through Update 17, it is clear that the project schedule suffered significant delay as a result of the temporary barge re-design and scope adjustments arising therefrom. Following Update 17, the actually realized extent of this delay is calculated at 174-calendar days. Therefore, the contract final completion date should be extended from September 9, 2022 to a revised

[9] See discussion of Activity 3150 and "burned" float in analysis of Update 8 above.

date of March 2, 2023 – reflecting an increase in the original contract duration from 730-calendar days to a new contract duration of 904-calendar days.

Respectfully,

Geoffrey Hingle, Jr.
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2001 Lakeshore Dr.
Mandeville, LA 70448

Appendix A

Critical Paths by Update w/ Original BL Dates

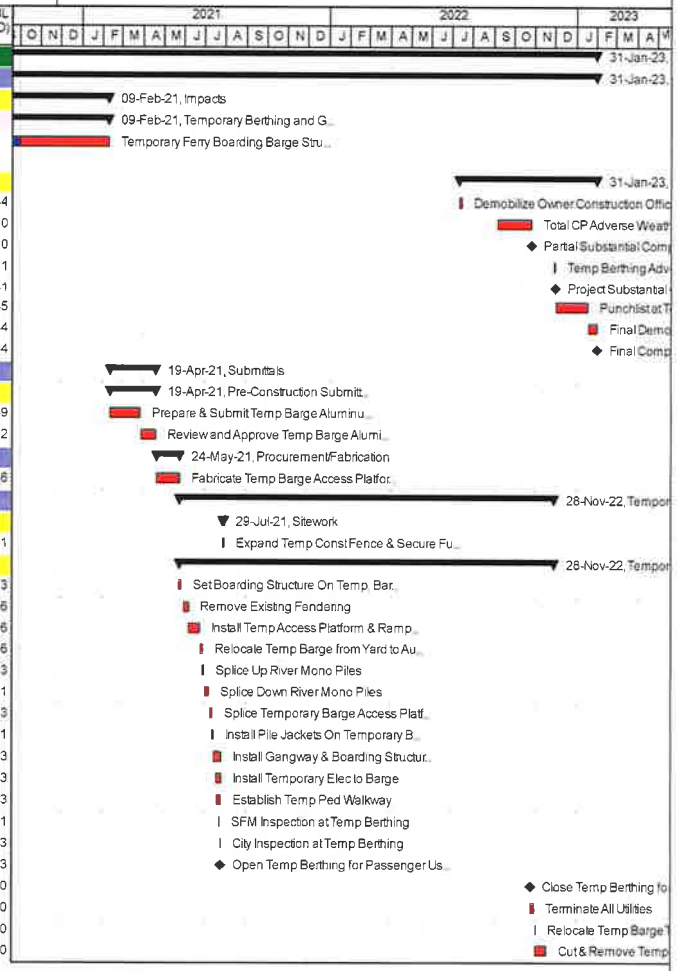
& Calendar Day Variance

Update 1

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP01V01_September 2020 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
General							
Impacts							
Temporary Berthing and Gangway Re-Design							
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Hold	0			11-Sep-20 A	09-Feb-21	
Construction Milestones							
2340	Demobilize Owner Construction Office	4	15-Feb-22	21-Feb-22	12-Jul-22	15-Jul-22	-144
3140	Total CP Adverse Weather Days - 36 workdays	36	18-Apr-22	07-Jun-22	06-Sep-22	25-Oct-22	-140
3050	Partial Substantial Completion -Terminal & Barge	0		07-Jun-22		25-Oct-22	-140
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	11-Jul-22	12-Jul-22	29-Nov-22	30-Nov-22	-141
3170	Project Substantial Completion	0		12-Jul-22		30-Nov-22	-141
3150	Punchlist at Temporary Berthing	32	13-Jul-22	25-Aug-22	01-Dec-22	17-Jan-23	-145
3260	Final Demob from Site	10	26-Aug-22	09-Sep-22	18-Jan-23	31-Jan-23	-144
3090	Final Completion	0		09-Sep-22		31-Jan-23	-144
Submittals							
Pre-Construction Submittals							
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	17-Sep-20	28-Oct-20	10-Feb-21	26-Mar-21	-149
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	29-Oct-20	18-Nov-20	29-Mar-21	19-Apr-21	-152
Procurement/Fabrication							
2040	Fabricate Temp Barge Access Platform & Ramp	25	19-Nov-20	29-Dec-20	20-Apr-21	24-May-21	-146
Temporary Work							
Sitework							
2290	Expand Temp Const Fence & Secure Full Site	3	08-Mar-21	10-Mar-21	27-Jul-21	29-Jul-21	-141
Temporary Barge							
2032	Set Boarding Structure On Temp. Barge	4	30-Dec-20	05-Jan-21	25-May-21	28-May-21	-143
2350	Remove Existing Fendering	5	06-Jan-21	12-Jan-21	01-Jun-21	07-Jun-21	-146
2050	Install Temp Access Platform & Ramp on Barge	13	13-Jan-21	29-Jan-21	08-Jun-21	24-Jun-21	-146
2220	Relocate Temp Barge from Yard to Audubon	2	01-Feb-21	02-Feb-21	25-Jun-21	28-Jun-21	-146
2060	Splice Up River Mono Piles	3	03-Feb-21	08-Feb-21	29-Jun-21	01-Jul-21	-143
2300	Splice Down River Mono Piles	4	09-Feb-21	17-Feb-21	02-Jul-21	08-Jul-21	-141
2232	Splice Temporary Barge Access Platform Piles	2	18-Feb-21	19-Feb-21	09-Jul-21	12-Jul-21	-143
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	22-Feb-21	23-Feb-21	13-Jul-21	14-Jul-21	-141
2030	Install Gangway & Boarding Structure	8	24-Feb-21	05-Mar-21	15-Jul-21	26-Jul-21	-143
2150	Install Temporary Elec to Barge	6	26-Feb-21	05-Mar-21	19-Jul-21	26-Jul-21	-143
2020	Establish Temp Ped Walkway	4	02-Mar-21	05-Mar-21	21-Jul-21	26-Jul-21	-143
I1001	SFM Inspection at Temp Berthing	1	04-Mar-21	04-Mar-21	23-Jul-21	23-Jul-21	-141
I1005	City Inspection at Temp Berthing	1	05-Mar-21	05-Mar-21	26-Jul-21	26-Jul-21	-143
2070	Open Temp Berthing for Passenger Use	0		05-Mar-21		26-Jul-21	-143
2170	Close Temp Berthing for Passenger Use	0		07-Jun-22		25-Oct-22	-140
2164	Terminate All Utilities	4	08-Jun-22	13-Jun-22	26-Oct-22	31-Oct-22	-140
2166	Relocate Temp Barge To RTA	1	14-Jun-22	14-Jun-22	01-Nov-22	01-Nov-22	-140
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	15-Jun-22	30-Jun-22	02-Nov-22	17-Nov-22	-140



Run Date: 28-Oct-21
Data Date: 01-Oct-20
Start Date: 10-Sep-20
Finish Date: 31-Jan-23
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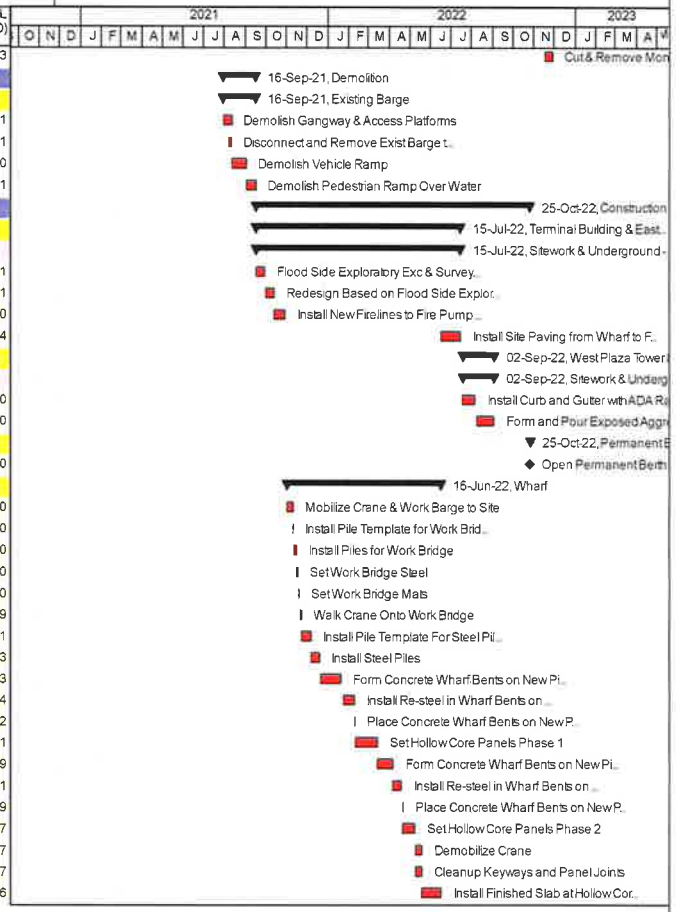
APC Construction Company LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP01V01_September 2020 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
2166	Cut & Remove Mono Piles	5	01-Jul-22	08-Jul-22	18-Nov-22	28-Nov-22	-143
Demolition							
Existing Barge							
1020	Demolish Gangway & Access Platforms	10	11-Mar-21	24-Mar-21	30-Jul-21	12-Aug-21	-141
1000	Disconnect and Remove Exist Barge to RTA Yard	4	19-Mar-21	24-Mar-21	09-Aug-21	12-Aug-21	-141
1030	Demolish Vehicle Ramp	15	25-Mar-21	15-Apr-21	13-Aug-21	02-Sep-21	-140
1120	Demolish Pedestrian Ramp Over Water	9	16-Apr-21	28-Apr-21	03-Sep-21	16-Sep-21	-141
Construction							
Terminal Building & East Tower							
Sitework & Underground - East							
8100	Flood Side Exploratory Exc & Survey Property	9	29-Apr-21	11-May-21	17-Sep-21	29-Sep-21	-141
8110	Redesign Based on Flood Side Exploration Results	10	12-May-21	25-May-21	30-Sep-21	13-Oct-21	-141
7050	Install New Firelines to Fire Pump and Demolish Existing	12	26-May-21	11-Jun-21	14-Oct-21	29-Oct-21	-140
8120	Install Site Paving from Wharf to Flood Wall	20	24-Jan-22	21-Feb-22	17-Jun-22	15-Jul-22	-144
West Plaza Tower & Bridge							
Sitework & Underground - West							
8950	Install Curb and Gutter with ADA Ramps	15	22-Feb-22	16-Mar-22	18-Jul-22	05-Aug-22	-140
8940	Form and Pour Exposed Aggregate Concrete Paving	20	21-Mar-22	15-Apr-22	08-Aug-22	02-Sep-22	-140
Permanent Barge							
5100	Open Permanent Berthing	0		07-Jun-22		25-Oct-22	-140
Wharf							
6050	Mobilize Crane & Work Barge to Site	8	14-Jun-21	23-Jun-21	01-Nov-21	10-Nov-21	-140
6062	Install Pile Template for Work Bridge	1	24-Jun-21	24-Jun-21	11-Nov-21	11-Nov-21	-140
6064	Install Piles for Work Bridge	2	25-Jun-21	28-Jun-21	12-Nov-21	15-Nov-21	-140
6072	Set Work Bridge Steel	3	29-Jun-21	01-Jul-21	16-Nov-21	18-Nov-21	-140
6074	Set Work Bridge Mats	1	02-Jul-21	02-Jul-21	19-Nov-21	19-Nov-21	-140
6076	Walk Crane Onto Work Bridge	1	06-Jul-21	06-Jul-21	22-Nov-21	22-Nov-21	-139
6002	Install Pile Template For Steel Piles	9	07-Jul-21	19-Jul-21	23-Nov-21	07-Dec-21	-141
6004	Install Steel Piles	9	20-Jul-21	30-Jul-21	08-Dec-21	20-Dec-21	-143
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	02-Aug-21	31-Aug-21	21-Dec-21	21-Jan-22	-143
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	01-Sep-21	17-Sep-21	24-Jan-22	08-Feb-22	-144
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	20-Sep-21	20-Sep-21	09-Feb-22	09-Feb-22	-142
6090	Set Hollow Core Panels Phase 1	18	21-Sep-21	14-Oct-21	10-Feb-22	14-Mar-22	-151
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	15-Oct-21	08-Nov-21	15-Mar-22	06-Apr-22	-149
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	09-Nov-21	19-Nov-21	07-Apr-22	19-Apr-22	-151
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	22-Nov-21	22-Nov-21	20-Apr-22	20-Apr-22	-149
6100	Set Hollow Core Panels Phase 2	13	23-Nov-21	13-Dec-21	21-Apr-22	09-May-22	-147
6110	Demobilize Crane	8	14-Dec-21	23-Dec-21	10-May-22	19-May-22	-147
6130	Cleanup Keyways and Panel Joints	8	14-Dec-21	23-Dec-21	10-May-22	19-May-22	-147
6030	Install Finished Slab at Hollow Core	19	27-Dec-21	21-Jan-22	20-May-22	16-Jun-22	-146



Run Date 28-Oct-21
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APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 2

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP02V01_October 20
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP02V01_October 20 Progress Update							
General							
Impacts							
Temporary Berthing and Gangway Re-Design							
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Hold	0			11-Sep-20 A	09-Feb-21	
Construction Milestones							
2340	Demobilize Owner Construction Office	4	15-Feb-22	21-Feb-22	12-Jul-22	15-Jul-22	-144
3140	Total CP Adverse Weather Days - 36 workdays	36	18-Apr-22	07-Jun-22	06-Sep-22	25-Oct-22	-140
3050	Partial Substantial Completion -Terminal & Barge	0		07-Jun-22		25-Oct-22	-140
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	11-Jul-22	12-Jul-22	29-Nov-22	30-Nov-22	-141
3170	Project Substantial Completion	0		12-Jul-22		30-Nov-22	-141
3150	Punchlist at Temporary Berthing	32	13-Jul-22	25-Aug-22	01-Dec-22	17-Jan-23	-145
3280	Final Demob from Site	10	26-Aug-22	09-Sep-22	18-Jan-23	31-Jan-23	-144
3090	Final Completion	0		09-Sep-22		31-Jan-23	-144
Submittals							
Pre-Construction Submittals							
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	17-Sep-20	28-Oct-20	10-Feb-21	26-Mar-21	-149
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	29-Oct-20	18-Nov-20	29-Mar-21	19-Apr-21	-152
Procurement/Fabrication							
2040	Fabricate Temp Barge Access Platform & Ramp	25	19-Nov-20	29-Dec-20	20-Apr-21	24-May-21	-146
Temporary Work							
Sitework							
2290	Expand Temp Const Fence & Secure Full Site	3	08-Mar-21	10-Mar-21	27-Jul-21	29-Jul-21	-141
Temporary Barge							
2032	Set Boarding Structure On Temp. Barge	4	30-Dec-20	05-Jan-21	25-May-21	28-May-21	-143
2350	Remove Existing Fendering	5	06-Jan-21	12-Jan-21	01-Jun-21	07-Jun-21	-146
2050	Install Temp Access Platform & Ramp on Barge	13	13-Jan-21	29-Jan-21	08-Jun-21	24-Jun-21	-146
2220	Relocate Temp Barge from Yard to Audubon	2	01-Feb-21	02-Feb-21	25-Jun-21	28-Jun-21	-146
2060	Splice Up River Mono Piles	3	03-Feb-21	08-Feb-21	29-Jun-21	01-Jul-21	-143
2300	Splice Down River Mono Piles	4	09-Feb-21	17-Feb-21	02-Jul-21	08-Jul-21	-141
2232	Splice Temporary Barge Access Platform Piles	2	18-Feb-21	19-Feb-21	09-Jul-21	12-Jul-21	-143
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	22-Feb-21	23-Feb-21	13-Jul-21	14-Jul-21	-141
2030	Install Gangway & Boarding Structure	8	24-Feb-21	05-Mar-21	15-Jul-21	26-Jul-21	-143
2150	Install Temporary Elec to Barge	6	26-Feb-21	05-Mar-21	19-Jul-21	26-Jul-21	-143
2020	Establish Temp Ped Walkway	4	02-Mar-21	05-Mar-21	21-Jul-21	26-Jul-21	-143
I1001	SFM Inspection at Temp Berthing	1	04-Mar-21	04-Mar-21	23-Jul-21	23-Jul-21	-141
I1005	City Inspection at Temp Berthing	1	05-Mar-21	05-Mar-21	26-Jul-21	26-Jul-21	-143
2070	Open Temp Berthing for Passenger Use	0		05-Mar-21		26-Jul-21	-143
2170	Close Temp Berthing for Passenger Use	0		07-Jun-22		25-Oct-22	-140
2164	Terminate All Utilities	4	08-Jun-22	13-Jun-22	26-Oct-22	31-Oct-22	-140
2166	Relocate Temp Barge To RTA	1	14-Jun-22	14-Jun-22	01-Nov-22	01-Nov-22	-140
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	15-Jun-22	30-Jun-22	02-Nov-22	17-Nov-22	-140
2168	Cut & Remove Mono Piles	5	01-Jul-22	08-Jul-22	18-Nov-22	28-Nov-22	-143

Run Date 28-Oct-21
Data Date 01-Nov-20
Start Date 10-Sep-20
Finish Date 31-Jan-23
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woodward design-build

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critcal Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP02V01_October 20 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Demolition							
Existing Barge							
1020	Demolish Gangway & Access Platforms	10	11-Mar-21	24-Mar-21	30-Jul-21	12-Aug-21	-141
1000	Disconnect and Remove Exist Barge to RTA Yard	4	19-Mar-21	24-Mar-21	09-Aug-21	12-Aug-21	-141
1030	Demolish Vehicle Ramp	15	25-Mar-21	15-Apr-21	13-Aug-21	02-Sep-21	-140
1120	Demolish Pedestrian Ramp Over Water	9	16-Apr-21	28-Apr-21	03-Sep-21	16-Sep-21	-141
Construction							
Terminal Building & East Tower							
Sitework & Underground - East							
8100	Flood Side Exploratory Exc & Survey Property	9	29-Apr-21	11-May-21	17-Sep-21	29-Sep-21	-141
8110	Redesign Based on Flood Side Exploration Results	10	12-May-21	25-May-21	30-Sep-21	13-Oct-21	-141
7050	Install New Firelines to Fire Pump and Demolish Existing	12	26-May-21	11-Jun-21	14-Oct-21	29-Oct-21	-140
8120	Install Site Paving from Wharf to Flood Wall	20	24-Jan-22	21-Feb-22	17-Jun-22	15-Jul-22	-144
West Plaza Tower & Bridge							
Sitework & Underground - West							
8950	Install Curb and Gutter with ADA Ramps	15	22-Feb-22	18-Mar-22	18-Jul-22	05-Aug-22	-140
8940	Form and Pour Exposed Aggregate Concrete Paving	20	21-Mar-22	15-Apr-22	08-Aug-22	02-Sep-22	-140
Permanent Barge							
5100	Open Permanent Berthing	0		07-Jun-22		25-Oct-22	-140
Wharf							
6050	Mobilize Crane & Work Barge to Site	8	14-Jun-21	23-Jun-21	01-Nov-21	10-Nov-21	-140
6062	Install Pile Template for Work Bridge	1	24-Jun-21	24-Jun-21	11-Nov-21	11-Nov-21	-140
6064	Install Piles for Work Bridge	2	25-Jun-21	28-Jun-21	12-Nov-21	15-Nov-21	-140
6072	Set Work Bridge Steel	3	29-Jun-21	01-Jul-21	16-Nov-21	18-Nov-21	-140
6074	Set Work Bridge Mats	1	02-Jul-21	02-Jul-21	19-Nov-21	19-Nov-21	-140
6076	Walk Crane Onto Work Bridge	1	06-Jul-21	06-Jul-21	22-Nov-21	22-Nov-21	-139
6002	Install Pile Template For Steel Piles	9	07-Jul-21	19-Jul-21	23-Nov-21	07-Dec-21	-141
6004	Install Steel Piles	9	20-Jul-21	30-Jul-21	08-Dec-21	20-Dec-21	-143
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	02-Aug-21	31-Aug-21	21-Dec-21	21-Jan-22	-143
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	01-Sep-21	17-Sep-21	24-Jan-22	08-Feb-22	-144
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	20-Sep-21	20-Sep-21	09-Feb-22	09-Feb-22	-142
6090	Set Hollow Core Panels Phase 1	18	21-Sep-21	14-Oct-21	10-Feb-22	14-Mar-22	-151
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	15-Oct-21	08-Nov-21	15-Mar-22	06-Apr-22	-149
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	09-Nov-21	19-Nov-21	07-Apr-22	19-Apr-22	-151
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	22-Nov-21	22-Nov-21	20-Apr-22	20-Apr-22	-149
6100	Set Hollow Core Panels Phase 2	13	23-Nov-21	13-Dec-21	21-Apr-22	09-May-22	-147
6110	Demobilize Crane	8	14-Dec-21	23-Dec-21	10-May-22	19-May-22	-147
6130	Cleanup Keyways and Panel Joints	8	14-Dec-21	23-Dec-21	10-May-22	19-May-22	-147
6030	Install Finished Slab at Hollow Core	19	27-Dec-21	21-Jan-22	20-May-22	16-Jun-22	-146

Run Date: 28-Oct-21
Data Date: 01-Nov-20
Start Date: 10-Sep-20
Finish Date: 31-Jan-23
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APC Construction Company

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Update 3

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP_3V01_November 20 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
General							
Impacts							
Temporary Berthing and Gangway Re-Design							
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Hold	0			11-Sep-20 A	09-Feb-21	
Construction Milestones							
2340	Demobilize Owner Construction Office	4	15-Feb-22	21-Feb-22	12-Jul-22	15-Jul-22	-144
3140	Total CP Adverse Weather Days - 36 workdays	36	18-Apr-22	07-Jun-22	06-Sep-22	25-Oct-22	-140
3050	Partial Substantial Completion -Terminal & Barge	0		07-Jun-22		25-Oct-22	-140
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	11-Jul-22	12-Jul-22	29-Nov-22	30-Nov-22	-141
3170	Project Substantial Completion	0		12-Jul-22		30-Nov-22	-141
3150	Punchlist at Temporary Berthing	32	13-Jul-22	25-Aug-22	01-Dec-22	17-Jan-23	-145
3280	Final Demob from Site	10	26-Aug-22	09-Sep-22	18-Jan-23	31-Jan-23	-144
3090	Final Completion	0		09-Sep-22		31-Jan-23	-144
Submittals							
Pre-Construction Submittals							
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	17-Sep-20	28-Oct-20	10-Feb-21	26-Mar-21	-149
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	29-Oct-20	18-Nov-20	29-Mar-21	19-Apr-21	-152
Procurement/Fabrication							
2040	Fabricate Temp Barge Access Platform & Ramp	25	19-Nov-20	29-Dec-20	20-Apr-21	24-May-21	-146
Temporary Work							
Sitework							
2290	Expand Temp Const Fence & Secure Full Site	3	08-Mar-21	10-Mar-21	27-Jul-21	29-Jul-21	-141
Temporary Barge							
2032	Set Boarding Structure On Temp. Barge	4	30-Dec-20	05-Jan-21	25-May-21	28-May-21	-143
2350	Remove Existing Fendering	5	06-Jan-21	12-Jan-21	01-Jun-21	07-Jun-21	-146
2050	Install Temp Access Platform & Ramp on Barge	13	13-Jan-21	29-Jan-21	08-Jun-21	24-Jun-21	-146
2220	Relocate Temp Barge from Yard to Audubon	2	01-Feb-21	02-Feb-21	25-Jun-21	28-Jun-21	-146
2060	Splice Up River Mono Piles	3	03-Feb-21	08-Feb-21	29-Jun-21	01-Jul-21	-143
2300	Splice Down River Mono Piles	4	09-Feb-21	17-Feb-21	02-Jul-21	08-Jul-21	-141
2232	Splice Temporary Barge Access Platform Piles	2	18-Feb-21	19-Feb-21	09-Jul-21	12-Jul-21	-143
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	22-Feb-21	23-Feb-21	13-Jul-21	14-Jul-21	-141
2030	Install Gangway & Boarding Structure	8	24-Feb-21	05-Mar-21	15-Jul-21	26-Jul-21	-143
2150	Install Temporary Elec to Barge	6	26-Feb-21	05-Mar-21	19-Jul-21	26-Jul-21	-143
2020	Establish Temp Ped Walkway	4	02-Mar-21	05-Mar-21	21-Jul-21	26-Jul-21	-143
I1001	SFM Inspection at Temp Berthing	1	04-Mar-21	04-Mar-21	23-Jul-21	23-Jul-21	-141
I1005	City Inspection at Temp Berthing	1	05-Mar-21	05-Mar-21	26-Jul-21	26-Jul-21	-143
2070	Open Temp Berthing for Passenger Use	0		05-Mar-21		26-Jul-21	-143
2170	Close Temp Berthing for Passenger Use	0		07-Jun-22		25-Oct-22	-140
2164	Terminate All Utilities	4	08-Jun-22	13-Jun-22	26-Oct-22	31-Oct-22	-140
2166	Relocate Temp Barge To RTA	1	14-Jun-22	14-Jun-22	01-Nov-22	01-Nov-22	-140
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	15-Jun-22	30-Jun-22	02-Nov-22	17-Nov-22	-140
2168	Cut & Remove Mono Piles	5	01-Jul-22	08-Jul-22	18-Nov-22	28-Nov-22	-143

Run Date: 28-Oct-21
Data Date: 01-Dec-20
Start Date: 10-Sep-20
Finish Date: 31-Jan-23
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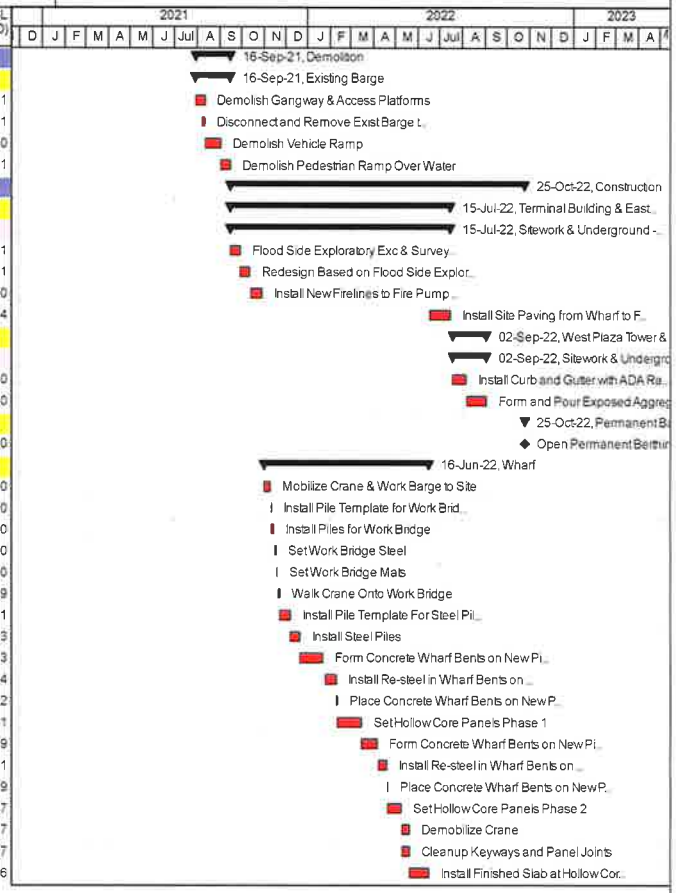
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP_3V01_November 20 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Demolition							
Existing Barge							
1020	Demolish Gangway & Access Platforms	10	11-Mar-21	24-Mar-21	30-Jul-21	12-Aug-21	-141
1000	Disconnect and Remove Exist Barge to RTA Yard	4	19-Mar-21	24-Mar-21	09-Aug-21	12-Aug-21	-141
1030	Demolish Vehicle Ramp	15	25-Mar-21	15-Apr-21	13-Aug-21	02-Sep-21	-140
1120	Demolish Pedestrian Ramp Over Water	9	16-Apr-21	28-Apr-21	03-Sep-21	16-Sep-21	-141
Construction							
Terminal Building & East Tower							
Sitework & Underground - East							
8100	Flood Side Exploratory Exc & Survey Property	9	29-Apr-21	11-May-21	17-Sep-21	29-Sep-21	-141
8110	Redesign Based on Flood Side Exploration Results	10	12-May-21	25-May-21	30-Sep-21	13-Oct-21	-141
7050	Install New Firelines to Fire Pump and Demolish Existing	12	26-May-21	11-Jun-21	14-Oct-21	29-Oct-21	-140
8120	Install Site Paving from Wharf to Flood Wall	20	24-Jan-22	21-Feb-22	17-Jun-22	15-Jul-22	-144
West Plaza Tower & Bridge							
Sitework & Underground - West							
8950	Install Curb and Gutter with ADA Ramps	15	22-Feb-22	18-Mar-22	18-Jul-22	05-Aug-22	-140
8940	Form and Pour Exposed Aggregate Concrete Paving	20	21-Mar-22	15-Apr-22	08-Aug-22	02-Sep-22	-140
Permanent Barge							
5100	Open Permanent Berthing	0		07-Jun-22		25-Oct-22	-140
Wharf							
6050	Mobilize Crane & Work Barge to Site	8	14-Jun-21	23-Jun-21	01-Nov-21	10-Nov-21	-140
6062	Install Pile Template for Work Bridge	1	24-Jun-21	24-Jun-21	11-Nov-21	11-Nov-21	-140
6064	Install Piles for Work Bridge	2	25-Jun-21	28-Jun-21	12-Nov-21	15-Nov-21	-140
6072	Set Work Bridge Steel	3	29-Jun-21	01-Jul-21	16-Nov-21	18-Nov-21	-140
6074	Set Work Bridge Mats	1	02-Jul-21	02-Jul-21	19-Nov-21	19-Nov-21	-140
6076	Walk Crane Onto Work Bridge	1	06-Jul-21	06-Jul-21	22-Nov-21	22-Nov-21	-139
6002	Install Pile Template For Steel Piles	9	07-Jul-21	19-Jul-21	23-Nov-21	07-Dec-21	-141
6004	Install Steel Piles	9	20-Jul-21	30-Jul-21	08-Dec-21	20-Dec-21	-143
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	02-Aug-21	31-Aug-21	21-Dec-21	21-Jan-22	-143
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	01-Sep-21	17-Sep-21	24-Jan-22	08-Feb-22	-144
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	20-Sep-21	20-Sep-21	09-Feb-22	09-Feb-22	-142
6090	Set Hollow Core Panels Phase 1	18	21-Sep-21	14-Oct-21	10-Feb-22	14-Mar-22	-151
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	15-Oct-21	08-Nov-21	15-Mar-22	06-Apr-22	-149
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	09-Nov-21	19-Nov-21	07-Apr-22	19-Apr-22	-151
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	22-Nov-21	22-Nov-21	20-Apr-22	20-Apr-22	-149
6100	Set Hollow Core Panels Phase 2	13	23-Nov-21	13-Dec-21	21-Apr-22	09-May-22	-147
6110	Demobilize Crane	8	14-Dec-21	23-Dec-21	10-May-22	19-May-22	-147
6130	Cleanup Keyways and Panel Joints	8	14-Dec-21	23-Dec-21	10-May-22	19-May-22	-147
6030	Install Finished Slab at Hollow Core	19	27-Dec-21	21-Jan-22	20-May-22	16-Jun-22	-146



Run Date: 28-Oct-21
Data Date: 01-Dec-20
Start Date: 10-Sep-20
Finish Date: 31-Jan-23
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APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 4

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-4V01_December 20 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Critical							
Impacts							
Temporary Berthing and Gangway Re-Design							
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Hold	0			11-Sep-20 A	10-Feb-21	
Construction Milestones							
2340	Demobilize Owner Construction Office	4	15-Feb-22	21-Feb-22	06-Jul-22	11-Jul-22	-140
3140	Total CP Adverse Weather Days - 36 workdays	36	18-Apr-22	07-Jun-22	30-Aug-22	19-Oct-22	-134
3050	Partial Substantial Completion -Terminal & Barge	0		07-Jun-22		19-Oct-22	-134
3160	Temp Berthing Adverse Weather Days - 2 workdays	2	11-Jul-22	12-Jul-22	21-Nov-22	22-Nov-22	-133
3170	Project Substantial Completion	0		12-Jul-22		22-Nov-22	-133
3150	Punchlist at Temporary Berthing	32	13-Jul-22	25-Aug-22	23-Nov-22	11-Jan-23	-139
3280	Final Demob from Site	10	26-Aug-22	09-Sep-22	12-Jan-23	25-Jan-23	-138
3090	Final Completion	0		09-Sep-22		25-Jan-23	-138
Submittals							
Pre-Construction Submittals							
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	17-Sep-20	28-Oct-20	11-Feb-21	29-Mar-21	-152
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	29-Oct-20	18-Nov-20	30-Mar-21	20-Apr-21	-153
Procurement/Fabrication							
2040	Fabricate Temp Barge Access Platform & Ramp	25	19-Nov-20	29-Dec-20	21-Apr-21	25-May-21	-147
Temporary Work							
Sitework							
2290	Expand Temp Const Fence & Secure Full Site	3	08-Mar-21	10-Mar-21	28-Jul-21	30-Jul-21	-142
Temporary Barge							
2032	Set Boarding Structure On Temp. Barge	4	30-Dec-20	05-Jan-21	26-May-21	01-Jun-21	-147
2350	Remove Existing Fendering	5	06-Jan-21	12-Jan-21	02-Jun-21	08-Jun-21	-147
2050	Install Temp Access Platform & Ramp on Barge	13	13-Jan-21	29-Jan-21	09-Jun-21	25-Jun-21	-147
2220	Relocate Temp Barge from Yard to Audubon	2	01-Feb-21	02-Feb-21	28-Jun-21	29-Jun-21	-147
2060	Splice Up River Mono Piles	3	03-Feb-21	08-Feb-21	30-Jun-21	02-Jul-21	-144
2300	Splice Down River Mono Piles	4	09-Feb-21	17-Feb-21	06-Jul-21	09-Jul-21	-142
2232	Splice Temporary Barge Access Platform Piles	2	18-Feb-21	19-Feb-21	12-Jul-21	13-Jul-21	-144
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	22-Feb-21	23-Feb-21	14-Jul-21	15-Jul-21	-142
2030	Install Gangway & Boarding Structure	8	24-Feb-21	05-Mar-21	16-Jul-21	27-Jul-21	-144
2150	Install Temporary Elec to Barge	6	26-Feb-21	05-Mar-21	20-Jul-21	27-Jul-21	-144
2020	Establish Temp Ped Walkway	4	02-Mar-21	05-Mar-21	22-Jul-21	27-Jul-21	-144
I1001	SFM Inspection at Temp Berthing	1	04-Mar-21	04-Mar-21	26-Jul-21	26-Jul-21	-144
I1005	City Inspection at Temp Berthing	1	05-Mar-21	05-Mar-21	27-Jul-21	27-Jul-21	-144
2070	Open Temp Berthing for Passenger Use	0		05-Mar-21		27-Jul-21	-144
2170	Close Temp Berthing for Passenger Use	0		07-Jun-22		19-Oct-22	-134
2164	Terminate All Utilities	4	08-Jun-22	13-Jun-22	20-Oct-22	25-Oct-22	-134
2166	Relocate Temp Barge To RTA	1	14-Jun-22	14-Jun-22	26-Oct-22	26-Oct-22	-134
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	15-Jun-22	30-Jun-22	27-Oct-22	11-Nov-22	-134
2168	Cut & Remove Mono Piles	5	01-Jul-22	08-Jul-22	14-Nov-22	18-Nov-22	-133

Run Date 28-Oct-21
Data Date 01-Jan-21
Start Date 10-Sep-20
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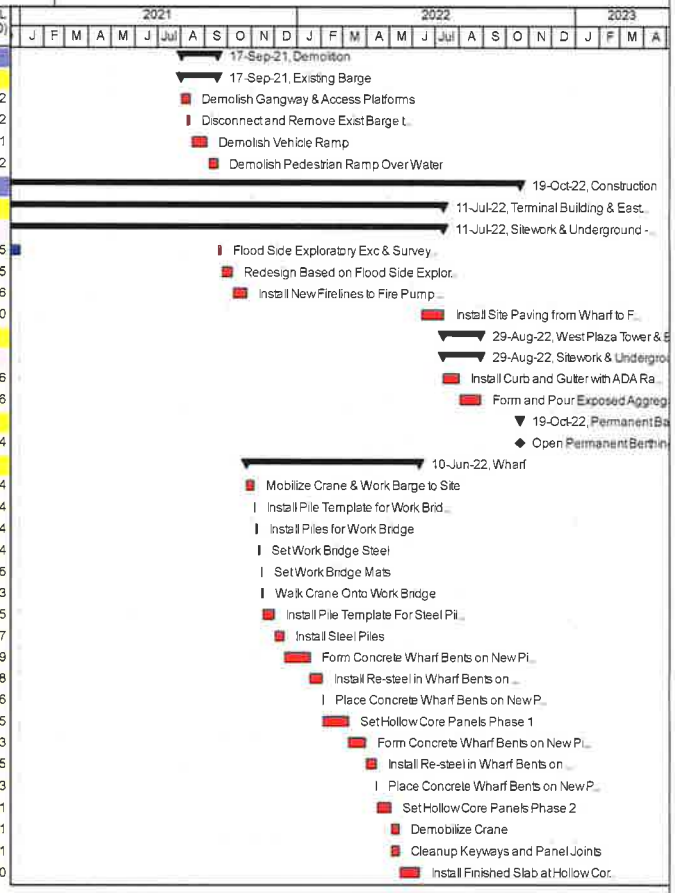
APC Construction Company

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-4V01_December 20 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Demolition							
Existing Barge							
1020	Demolish Gangway & Access Platforms	10	11-Mar-21	24-Mar-21	02-Aug-21	13-Aug-21	-142
1000	Disconnect and Remove Exist Barge to RTA Yard	4	19-Mar-21	24-Mar-21	10-Aug-21	13-Aug-21	-142
1030	Demolish Vehicle Ramp	15	25-Mar-21	15-Apr-21	16-Aug-21	03-Sep-21	-141
1120	Demolish Pedestrian Ramp Over Water	9	16-Apr-21	28-Apr-21	07-Sep-21	17-Sep-21	-142
Construction							
Terminal Building & East Tower							
Sitework & Underground - East							
8100	Flood Side Exploratory Exc & Survey Property	9	29-Apr-21	11-May-21	14-Dec-20 A	23-Sep-21	-135
8110	Redesign Based on Flood Side Exploraiton Results	10	12-May-21	25-May-21	24-Sep-21	07-Oct-21	-135
7050	Install New Firelines to Fire Pump and Demolish Existing	12	26-May-21	11-Jun-21	08-Oct-21	25-Oct-21	-136
8120	Install Site Paving from Wharf to Flood Wall	20	24-Jan-22	21-Feb-22	13-Jun-22	11-Jul-22	-140
West Plaza Tower & Bridge							
Sitework & Underground - West							
8950	Install Curb and Gutter with ADA Ramps	15	22-Feb-22	18-Mar-22	12-Jul-22	01-Aug-22	-136
8940	Form and Pour Exposed Aggregate Concrete Paving	20	21-Mar-22	15-Apr-22	02-Aug-22	29-Aug-22	-136
Permanent Barge							
5100	Open Permanent Berthing	0		07-Jun-22		19-Oct-22	-134
Wharf							
6050	Mobilize Crane & Work Barge to Site	8	14-Jun-21	23-Jun-21	26-Oct-21	04-Nov-21	-134
6062	Install Pile Template for Work Bridge	1	24-Jun-21	24-Jun-21	05-Nov-21	05-Nov-21	-134
6064	Install Piles for Work Bridge	2	25-Jun-21	28-Jun-21	08-Nov-21	09-Nov-21	-134
6072	Set Work Bridge Steel	3	29-Jun-21	01-Jul-21	10-Nov-21	12-Nov-21	-134
6074	Set Work Bridge Mats	1	02-Jul-21	02-Jul-21	15-Nov-21	15-Nov-21	-136
6076	Walk Crane Onto Work Bridge	1	06-Jul-21	06-Jul-21	16-Nov-21	16-Nov-21	-133
6002	Install Pile Template For Steel Piles	9	07-Jul-21	19-Jul-21	17-Nov-21	01-Dec-21	-135
6004	Install Steel Piles	9	20-Jul-21	30-Jul-21	02-Dec-21	14-Dec-21	-137
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	02-Aug-21	31-Aug-21	15-Dec-21	17-Jan-22	-139
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	01-Sep-21	17-Sep-21	18-Jan-22	02-Feb-22	-138
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	20-Sep-21	20-Sep-21	03-Feb-22	03-Feb-22	-136
6090	Set Hollow Core Panels Phase 1	18	21-Sep-21	14-Oct-21	04-Feb-22	08-Mar-22	-145
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	15-Oct-21	08-Nov-21	09-Mar-22	31-Mar-22	-143
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	09-Nov-21	19-Nov-21	01-Apr-22	13-Apr-22	-145
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	22-Nov-21	22-Nov-21	14-Apr-22	14-Apr-22	-143
6100	Set Hollow Core Panels Phase 2	13	23-Nov-21	13-Dec-21	15-Apr-22	03-May-22	-141
6110	Demobilize Crane	8	14-Dec-21	23-Dec-21	04-May-22	13-May-22	-141
6130	Cleanup Keyways and Panel Joints	8	14-Dec-21	23-Dec-21	04-May-22	13-May-22	-141
6030	Install Finished Slab at Hollow Core	19	27-Dec-21	21-Jan-22	16-May-22	10-Jun-22	-140



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APC Construction Company, LLC

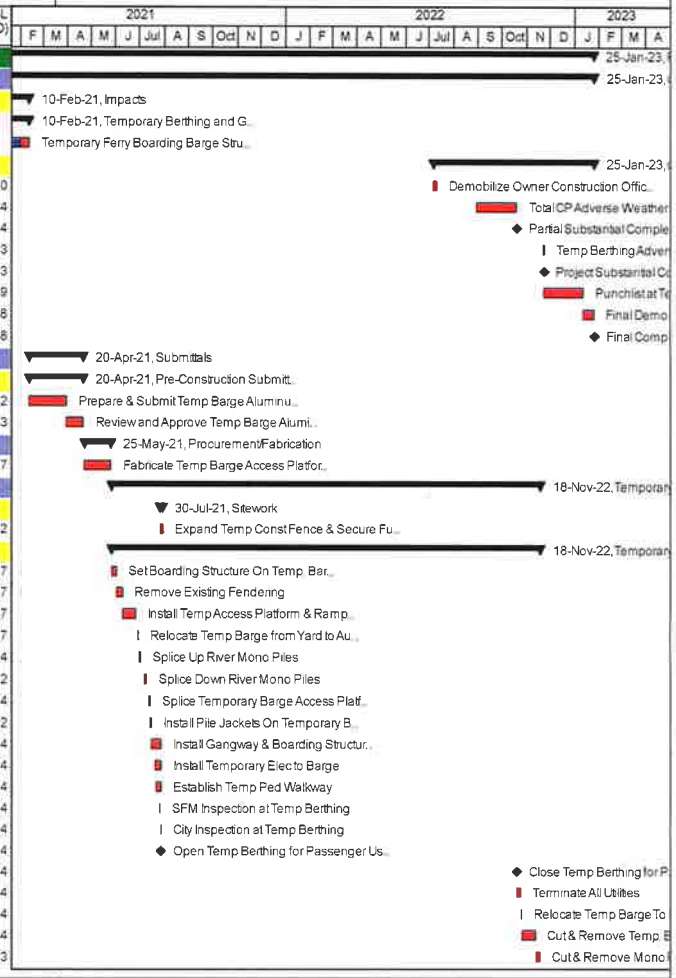
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 5

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-5V01_January 21 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-5V01_January 21 Progress Update							
General							
Impacts							
Temporary Berthing and Gangway Re-Design							
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Hold	0			11-Sep-20 A	10-Feb-21	
Construction Milestones							
2340	Demobilize Owner Construction Office	4	15-Feb-22	21-Feb-22	06-Jul-22	11-Jul-22	-140
3140	Total CP Adverse Weather Days - 36 workdays	36	18-Apr-22	07-Jun-22	30-Aug-22	19-Oct-22	-134
3050	Partial Substantial Completion -Terminal & Barge	0		07-Jun-22		19-Oct-22	-134
3160	Temp Berthing Adverse Weather Days - 2 workdays	2	11-Jul-22	12-Jul-22	21-Nov-22	22-Nov-22	-133
3170	Project Substantial Completion	0		12-Jul-22		22-Nov-22	-133
3150	Punchlist at Temporary Berthing	32	13-Jul-22	25-Aug-22	23-Nov-22	11-Jan-23	-139
3280	Final Demob from Site	10	26-Aug-22	09-Sep-22	12-Jan-23	25-Jan-23	-138
3090	Final Completion	0		09-Sep-22		25-Jan-23	-138
Submittals							
Pre-Construction Submittals							
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	17-Sep-20	28-Oct-20	11-Feb-21	29-Mar-21	-152
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	29-Oct-20	18-Nov-20	30-Mar-21	20-Apr-21	-153
Procurement/Fabrication							
2040	Fabricate Temp Barge Access Platform & Ramp	25	19-Nov-20	29-Dec-20	21-Apr-21	25-May-21	-147
Temporary Work							
Sitework							
2290	Expand Temp Const Fence & Secure Full Site	3	08-Mar-21	10-Mar-21	28-Jul-21	30-Jul-21	-142
Temporary Barge							
2032	Set Boarding Structure On Temp. Barge	4	30-Dec-20	05-Jan-21	26-May-21	01-Jun-21	-147
2350	Remove Existing Fendering	5	06-Jan-21	12-Jan-21	02-Jun-21	08-Jun-21	-147
2050	Install Temp Access Platform & Ramp on Barge	13	13-Jan-21	29-Jan-21	09-Jun-21	25-Jun-21	-147
2220	Relocate Temp Barge from Yard to Audubon	2	01-Feb-21	02-Feb-21	28-Jun-21	29-Jun-21	-147
2060	Splice Up River Mono Piles	3	03-Feb-21	08-Feb-21	30-Jun-21	02-Jul-21	-144
2300	Splice Down River Mono Piles	4	09-Feb-21	17-Feb-21	06-Jul-21	09-Jul-21	-142
2232	Splice Temporary Barge Access Platform Piles	2	18-Feb-21	19-Feb-21	12-Jul-21	13-Jul-21	-144
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	22-Feb-21	23-Feb-21	14-Jul-21	15-Jul-21	-142
2030	Install Gangway & Boarding Structure	8	24-Feb-21	05-Mar-21	16-Jul-21	27-Jul-21	-144
2150	Install Temporary Elec to Barge	6	26-Feb-21	05-Mar-21	20-Jul-21	27-Jul-21	-144
2020	Establish Temp Ped Walkway	4	02-Mar-21	05-Mar-21	22-Jul-21	27-Jul-21	-144
I1001	SFM Inspection at Temp Berthing	1	04-Mar-21	04-Mar-21	26-Jul-21	26-Jul-21	-144
I1005	City Inspection at Temp Berthing	1	05-Mar-21	05-Mar-21	27-Jul-21	27-Jul-21	-144
2070	Open Temp Berthing for Passenger Use	0		05-Mar-21		27-Jul-21	-144
2170	Close Temp Berthing for Passenger Use	0		07-Jun-22		19-Oct-22	-134
2164	Terminate All Utilities	4	08-Jun-22	13-Jun-22	20-Oct-22	25-Oct-22	-134
2166	Relocate Temp Barge To RTA	1	14-Jun-22	14-Jun-22	26-Oct-22	26-Oct-22	-134
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	15-Jun-22	30-Jun-22	27-Oct-22	11-Nov-22	-134
2168	Cut & Remove Mono Piles	5	01-Jul-22	08-Jul-22	14-Nov-22	18-Nov-22	-133



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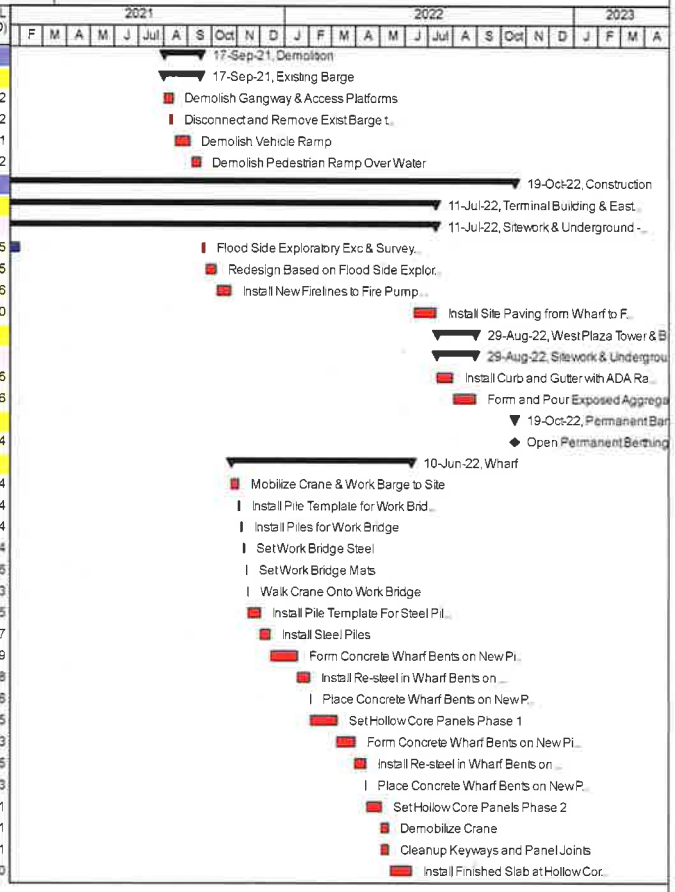
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-5V01_January 21 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Demolition							
Existing Barge							
1020	Demolish Gangway & Access Platforms	10	11-Mar-21	24-Mar-21	02-Aug-21	13-Aug-21	-142
1000	Disconnect and Remove Exist Barge to RTA Yard	4	19-Mar-21	24-Mar-21	10-Aug-21	13-Aug-21	-142
1030	Demolish Vehicle Ramp	15	25-Mar-21	15-Apr-21	16-Aug-21	03-Sep-21	-141
1120	Demolish Pedestrian Ramp Over Water	9	16-Apr-21	28-Apr-21	07-Sep-21	17-Sep-21	-142
Construction							
Terminal Building & East Tower							
Sitework & Underground - East							
8100	Flood Side Exploratory Exc & Survey Property	9	29-Apr-21	11-May-21	14-Dec-20 A	23-Sep-21	-135
8110	Redesign Based on Flood Side Exploration Results	10	12-May-21	25-May-21	24-Sep-21	07-Oct-21	-135
7050	Install New Firelines to Fire Pump and Demolish Existing	12	26-May-21	11-Jun-21	08-Oct-21	25-Oct-21	-136
8120	Install Site Paving from Wharf to Flood Wall	20	24-Jan-22	21-Feb-22	13-Jun-22	11-Jul-22	-140
West Plaza Tower & Bridge							
Sitework & Underground - West							
8950	Install Curb and Gutter with ADA Ramps	15	22-Feb-22	18-Mar-22	12-Jul-22	01-Aug-22	-136
8940	Form and Pour Exposed Aggregate Concrete Paving	20	21-Mar-22	15-Apr-22	02-Aug-22	29-Aug-22	-136
Permanent Barge							
5100	Open Permanent Berthing	0		07-Jun-22		19-Oct-22	-134
Wharf							
6050	Mobilize Crane & Work Barge to Site	8	14-Jun-21	23-Jun-21	26-Oct-21	04-Nov-21	-134
6062	Install Pile Template for Work Bridge	1	24-Jun-21	24-Jun-21	05-Nov-21	05-Nov-21	-134
6064	Install Piles for Work Bridge	2	25-Jun-21	28-Jun-21	08-Nov-21	09-Nov-21	-134
6072	Set Work Bridge Steel	3	29-Jun-21	01-Jul-21	10-Nov-21	12-Nov-21	-134
6074	Set Work Bridge Mats	1	02-Jul-21	02-Jul-21	15-Nov-21	15-Nov-21	-136
6076	Walk Crane Onto Work Bridge	1	06-Jul-21	06-Jul-21	16-Nov-21	16-Nov-21	-133
6002	Install Pile Template For Steel Piles	9	07-Jul-21	19-Jul-21	17-Nov-21	01-Dec-21	-135
6004	Install Steel Piles	9	20-Jul-21	30-Jul-21	02-Dec-21	14-Dec-21	-137
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	02-Aug-21	31-Aug-21	15-Dec-21	17-Jan-22	-139
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	01-Sep-21	17-Sep-21	18-Jan-22	02-Feb-22	-138
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	20-Sep-21	20-Sep-21	03-Feb-22	03-Feb-22	-136
6090	Set Hollow Core Panels Phase 1	16	21-Sep-21	14-Oct-21	04-Feb-22	08-Mar-22	-145
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	15-Oct-21	08-Nov-21	09-Mar-22	31-Mar-22	-143
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	09-Nov-21	19-Nov-21	01-Apr-22	13-Apr-22	-145
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	22-Nov-21	22-Nov-21	14-Apr-22	14-Apr-22	-143
6100	Set Hollow Core Panels Phase 2	13	23-Nov-21	13-Dec-21	15-Apr-22	03-May-22	-141
6110	Demobilize Crane	8	14-Dec-21	23-Dec-21	04-May-22	13-May-22	-141
6130	Cleanup Keyways and Panel Joints	8	14-Dec-21	23-Dec-21	04-May-22	13-May-22	-141
6030	Install Finished Slab at Hollow Core	19	27-Dec-21	21-Jan-22	16-May-22	10-Jun-22	-140



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APC Construction Company, LLC

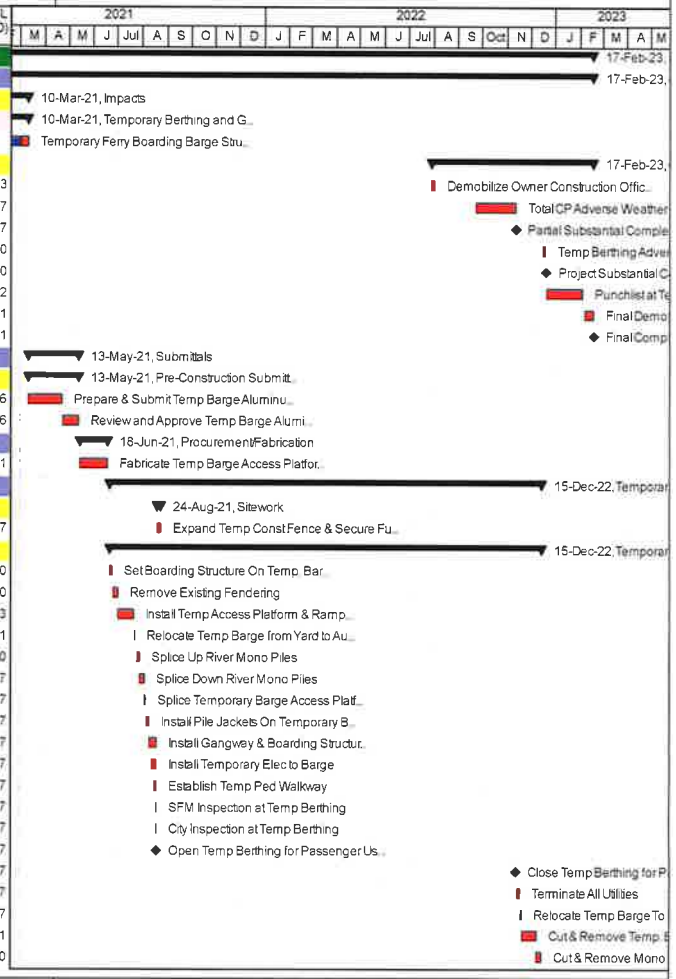
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 6

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-6V01_February 21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-6V01_February 21 Progress Update							
General							
Impacts							
Temporary Berthing and Gangway Re-Design							
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Hold	0			11-Sep-20 A	10-Mar-21	
Construction Milestones							
2340	Demobilize Owner Construction Office	4	15-Feb-22	21-Feb-22	29-Jul-22	03-Aug-22	-163
3140	Total CP Adverse Weather Days - 36 workdays	36	18-Apr-22	07-Jun-22	23-Sep-22	11-Nov-22	-157
3050	Partial Substantial Completion -Terminal & Barge	0		07-Jun-22		11-Nov-22	-157
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	11-Jul-22	12-Jul-22	16-Dec-22	19-Dec-22	-160
3170	Project Substantial Completion	0		12-Jul-22		19-Dec-22	-160
3150	Punchlist at Temporary Berthing	32	13-Jul-22	25-Aug-22	20-Dec-22	03-Feb-23	-162
3280	Final Demob from Site	10	26-Aug-22	09-Sep-22	06-Feb-23	17-Feb-23	-161
3090	Final Completion	0		09-Sep-22		17-Feb-23	-161
Submittals							
Pre-Construction Submittals							
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	17-Sep-20	26-Oct-20	11-Mar-21	22-Apr-21	-176
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	29-Oct-20	18-Nov-20	23-Apr-21	13-May-21	-176
Procurement/Fabrication							
2040	Fabricate Temp Barge Access Platform & Ramp	25	19-Nov-20	29-Dec-20	14-May-21	18-Jun-21	-171
Temporary Work							
Sitework							
2290	Expand Temp Const Fence & Secure Full Site	3	08-Mar-21	10-Mar-21	20-Aug-21	24-Aug-21	-167
Temporary Barge							
2032	Set Boarding Structure On Temp. Barge	4	30-Dec-20	05-Jan-21	21-Jun-21	24-Jun-21	-170
2350	Remove Existing Fendering	5	06-Jan-21	12-Jan-21	25-Jun-21	01-Jul-21	-170
2050	Install Temp Access Platform & Ramp on Barge	13	13-Jan-21	29-Jan-21	02-Jul-21	21-Jul-21	-173
2220	Relocate Temp Barge from Yard to Audubon	2	01-Feb-21	02-Feb-21	22-Jul-21	23-Jul-21	-171
2060	Splice Up River Mono Piles	3	03-Feb-21	08-Feb-21	26-Jul-21	28-Jul-21	-170
2300	Splice Down River Mono Piles	4	09-Feb-21	17-Feb-21	29-Jul-21	03-Aug-21	-167
2232	Splice Temporary Barge Access Platform Piles	2	18-Feb-21	19-Feb-21	04-Aug-21	05-Aug-21	-167
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	22-Feb-21	23-Feb-21	06-Aug-21	09-Aug-21	-167
2030	Install Gangway & Boarding Structure	8	24-Feb-21	05-Mar-21	10-Aug-21	19-Aug-21	-167
2150	Install Temporary Elec to Barge	6	26-Feb-21	05-Mar-21	12-Aug-21	19-Aug-21	-167
2020	Establish Temp Ped Walkway	4	02-Mar-21	05-Mar-21	16-Aug-21	19-Aug-21	-167
I1001	SFM Inspection at Temp Berthing	1	04-Mar-21	04-Mar-21	18-Aug-21	18-Aug-21	-167
I1005	City Inspection at Temp Berthing	1	05-Mar-21	05-Mar-21	19-Aug-21	19-Aug-21	-167
2070	Open Temp Berthing for Passenger Use	0		05-Mar-21		19-Aug-21	-167
2170	Close Temp Berthing for Passenger Use	0		07-Jun-22		11-Nov-22	-157
2164	Terminate All Utilities	4	08-Jun-22	13-Jun-22	14-Nov-22	17-Nov-22	-157
2166	Relocate Temp Barge To RTA	1	14-Jun-22	14-Jun-22	18-Nov-22	18-Nov-22	-157
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	15-Jun-22	30-Jun-22	21-Nov-22	08-Dec-22	-161
2168	Cut & Remove Mono Piles	5	01-Jul-22	08-Jul-22	09-Dec-22	15-Dec-22	-160



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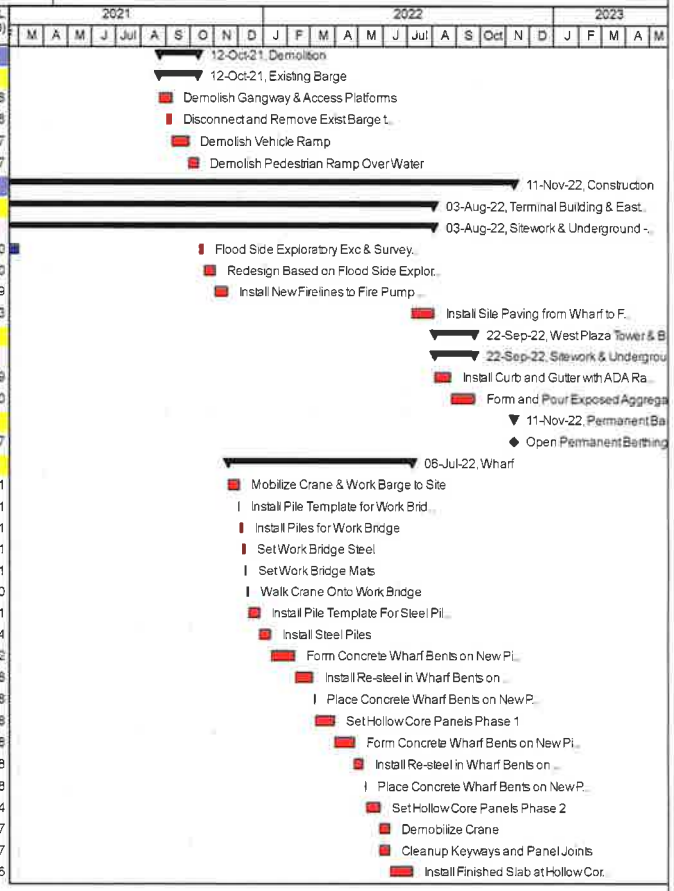
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-6V01_February 21 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Demolition							
Existing Barge							
1020	Demolish Gangway & Access Platforms	10	11-Mar-21	24-Mar-21	25-Aug-21	08-Sep-21	-168
1000	Disconnect and Remove Exist Barge to RTA Yard	4	19-Mar-21	24-Mar-21	02-Sep-21	08-Sep-21	-168
1030	Demolish Vehicle Ramp	15	25-Mar-21	15-Apr-21	09-Sep-21	29-Sep-21	-167
1120	Demolish Pedestrian Ramp Over Water	9	16-Apr-21	28-Apr-21	30-Sep-21	12-Oct-21	-167
Construction							
Terminal Building & East Tower							
Sitework & Underground - East							
8100	Flood Side Exploratory Exc & Survey Property	9	29-Apr-21	11-May-21	14-Dec-20 A	18-Oct-21	-160
8110	Redesign Based on Flood Side Exploration Results	10	12-May-21	25-May-21	19-Oct-21	01-Nov-21	-160
7050	Install New Firelines to Fire Pump and Demolish Existing	12	26-May-21	11-Jun-21	02-Nov-21	17-Nov-21	-159
8120	Install Site Paving from Wharf to Flood Wall	20	24-Jan-22	21-Feb-22	07-Jul-22	03-Aug-22	-163
West Plaza Tower & Bridge							
Sitework & Underground - West							
8950	Install Curb and Gutter with ADA Ramps	15	22-Feb-22	18-Mar-22	04-Aug-22	24-Aug-22	-159
8940	Form and Pour Exposed Aggregate Concrete Paving	20	21-Mar-22	15-Apr-22	25-Aug-22	22-Sep-22	-160
Permanent Barge							
5100	Open Permanent Berthing	0		07-Jun-22		11-Nov-22	-157
Wharf							
6050	Mobilize Crane & Work Barge to Site	8	14-Jun-21	23-Jun-21	18-Nov-21	01-Dec-21	-161
6062	Install Pile Template for Work Bridge	1	24-Jun-21	24-Jun-21	02-Dec-21	02-Dec-21	-161
6064	Install Piles for Work Bridge	2	25-Jun-21	28-Jun-21	03-Dec-21	06-Dec-21	-161
6072	Set Work Bridge Steel	3	29-Jun-21	01-Jul-21	07-Dec-21	09-Dec-21	-161
6074	Set Work Bridge Mats	1	02-Jul-21	02-Jul-21	10-Dec-21	10-Dec-21	-161
6076	Walk Crane Onto Work Bridge	1	06-Jul-21	06-Jul-21	13-Dec-21	13-Dec-21	-160
6002	Install Pile Template For Steel Piles	9	07-Jul-21	19-Jul-21	14-Dec-21	27-Dec-21	-161
6004	Install Steel Piles	9	20-Jul-21	30-Jul-21	28-Dec-21	10-Jan-22	-164
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	02-Aug-21	31-Aug-21	11-Jan-22	09-Feb-22	-162
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	01-Sep-21	17-Sep-21	10-Feb-22	04-Mar-22	-168
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	20-Sep-21	20-Sep-21	07-Mar-22	07-Mar-22	-168
6090	Set Hollow Core Panels Phase 1	18	21-Sep-21	14-Oct-21	08-Mar-22	31-Mar-22	-168
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	15-Oct-21	08-Nov-21	01-Apr-22	25-Apr-22	-168
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	09-Nov-21	19-Nov-21	26-Apr-22	06-May-22	-168
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	22-Nov-21	22-Nov-21	09-May-22	09-May-22	-168
6100	Set Hollow Core Panels Phase 2	13	23-Nov-21	13-Dec-21	10-May-22	26-May-22	-164
6110	Demobilize Crane	8	14-Dec-21	23-Dec-21	27-May-22	08-Jun-22	-167
6130	Cleanup Keyways and Panel Joints	8	14-Dec-21	23-Dec-21	27-May-22	08-Jun-22	-167
6030	Install Finished Slab at Hollow Core	19	27-Dec-21	21-Jan-22	09-Jun-22	06-Jul-22	-166



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APC Construction Company, LLC

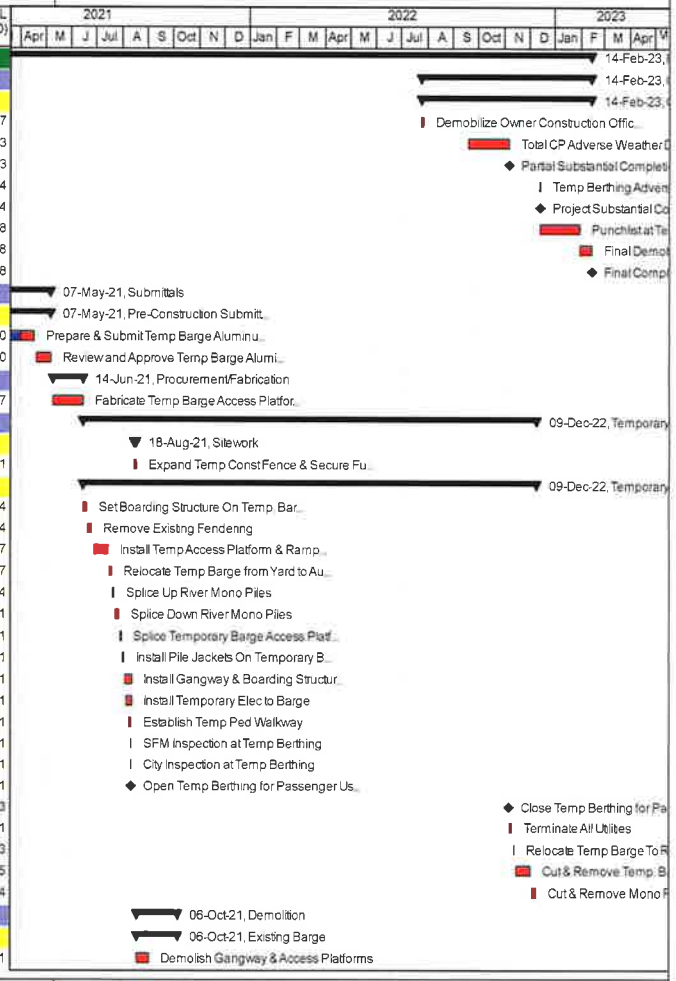
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 7

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-7V01_March 21 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
General							
Construction Milestones							
2340	Demobilize Owner Construction Office	4	15-Feb-22	21-Feb-22	25-Jul-22	28-Jul-22	-157
3140	Total CP Adverse Weather Days - 36 workdays	36	18-Apr-22	07-Jun-22	19-Sep-22	07-Nov-22	-153
3050	Partial Substantial Completion -Terminal & Barge	0		07-Jun-22		07-Nov-22	-153
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	11-Jul-22	12-Jul-22	12-Dec-22	13-Dec-22	-154
3170	Project Substantial Completion	0		12-Jul-22		13-Dec-22	-154
3150	Punchlist at Temporary Berthing	32	13-Jul-22	25-Aug-22	14-Dec-22	30-Jan-23	-158
3280	Final Demob from Site	10	26-Aug-22	09-Sep-22	31-Jan-23	14-Feb-23	-158
3090	Final Completion	0		09-Sep-22		14-Feb-23	-158
Submittals							
Pre-Construction Submittals							
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	17-Sep-20	28-Oct-20	12-Mar-21 A	16-Apr-21	-170
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	29-Oct-20	18-Nov-20	19-Apr-21	07-May-21	-170
Procurement/Fabrication							
2040	Fabricate Temp Barge Access Platform & Ramp	25	19-Nov-20	29-Dec-20	10-May-21	14-Jun-21	-167
Temporary Work							
Sitework							
2290	Expand Temp Const Fence & Secure Full Site	3	08-Mar-21	10-Mar-21	16-Aug-21	18-Aug-21	-161
Temporary Barge							
2032	Set Boarding Structure On Temp. Barge	4	30-Dec-20	05-Jan-21	15-Jun-21	18-Jun-21	-164
2350	Remove Existing Fendering	5	06-Jan-21	12-Jan-21	21-Jun-21	25-Jun-21	-164
2050	Install Temp Access Platform & Ramp on Barge	13	13-Jan-21	29-Jan-21	28-Jun-21	15-Jul-21	-167
2220	Relocate Temp Barge from Yard to Audubon	2	01-Feb-21	02-Feb-21	16-Jul-21	19-Jul-21	-167
2060	Splice Up River Mono Piles	3	03-Feb-21	08-Feb-21	20-Jul-21	22-Jul-21	-164
2300	Splice Down River Mono Piles	4	09-Feb-21	17-Feb-21	23-Jul-21	28-Jul-21	-161
2232	Splice Temporary Barge Access Platform Piles	2	18-Feb-21	19-Feb-21	29-Jul-21	30-Jul-21	-161
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	22-Feb-21	23-Feb-21	02-Aug-21	03-Aug-21	-161
2030	Install Gangway & Boarding Structure	8	24-Feb-21	05-Mar-21	04-Aug-21	13-Aug-21	-161
2150	Install Temporary Elec to Barge	6	26-Feb-21	05-Mar-21	06-Aug-21	13-Aug-21	-161
2020	Establish Temp Ped Walkway	4	02-Mar-21	05-Mar-21	10-Aug-21	13-Aug-21	-161
I1001	SFM Inspection at Temp Berthing	1	04-Mar-21	04-Mar-21	12-Aug-21	12-Aug-21	-161
I1005	City Inspection at Temp Berthing	1	05-Mar-21	05-Mar-21	13-Aug-21	13-Aug-21	-161
2070	Open Temp Berthing for Passenger Use	0		05-Mar-21		13-Aug-21	-161
2170	Close Temp Berthing for Passenger Use	0		07-Jun-22		07-Nov-22	-153
2164	Terminate All Utilities	4	08-Jun-22	13-Jun-22	08-Nov-22	11-Nov-22	-151
2166	Relocate Temp Barge To RTA	1	14-Jun-22	14-Jun-22	14-Nov-22	14-Nov-22	-153
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	15-Jun-22	30-Jun-22	15-Nov-22	02-Dec-22	-155
2168	Cut & Remove Mono Piles	5	01-Jul-22	08-Jul-22	05-Dec-22	09-Dec-22	-154
Demolition							
Existing Barge							
1020	Demolish Gangway & Access Platforms	10	11-Mar-21	24-Mar-21	19-Aug-21	01-Sep-21	-161



Run Date: 28-Oct-21
Data Date: 01-Apr-21
Start Date: 10-Sep-20
Finish Date: 14-Feb-23
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woodward design:build

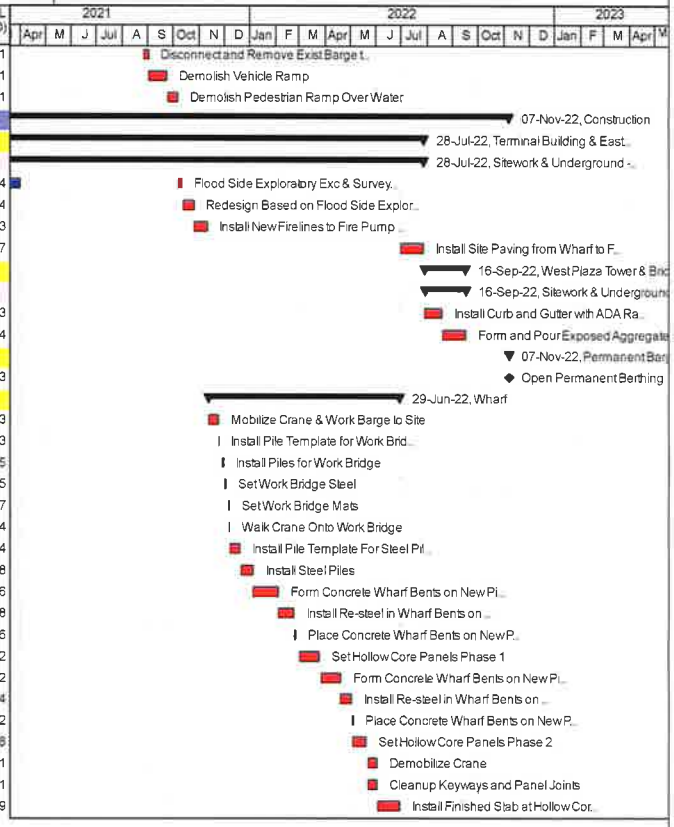
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-7V01_March 21 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
1000	Disconnect and Remove Exist Barge to RTA Yard	4	19-Mar-21	24-Mar-21	27-Aug-21	01-Sep-21	-161
1030	Demolish Vehicle Ramp	15	25-Mar-21	15-Apr-21	02-Sep-21	23-Sep-21	-161
1120	Demolish Pedestrian Ramp Over Water	9	16-Apr-21	28-Apr-21	24-Sep-21	06-Oct-21	-161
Construction							
Terminal Building & East Tower							
Sitework & Underground - East							
8100	Flood Side Exploratory Exc & Survey Property	9	29-Apr-21	11-May-21	14-Dec-20 A	12-Oct-21	-154
8110	Redesign Based on Flood Side Exploration Results	10	12-May-21	25-May-21	13-Oct-21	26-Oct-21	-154
7050	Install New Firelines to Fire Pump and Demolish Existing	12	26-May-21	11-Jun-21	27-Oct-21	11-Nov-21	-153
8120	Install Site Paving from Wharf to Flood Wall	20	24-Jan-22	21-Feb-22	30-Jun-22	28-Jul-22	-157
West Plaza Tower & Bridge							
Sitework & Underground - West							
8950	Install Curb and Gutter with ADA Ramps	15	22-Feb-22	18-Mar-22	29-Jul-22	18-Aug-22	-153
8940	Form and Pour Exposed Aggregate Concrete Paving	20	21-Mar-22	15-Apr-22	19-Aug-22	16-Sep-22	-154
Permanent Barge							
5100	Open Permanent Berthing	0		07-Jun-22		07-Nov-22	-153
Wharf							
6050	Mobilize Crane & Work Barge to Site	8	14-Jun-21	23-Jun-21	12-Nov-21	23-Nov-21	-153
6062	Install Pile Template for Work Bridge	1	24-Jun-21	24-Jun-21	24-Nov-21	24-Nov-21	-153
6064	Install Piles for Work Bridge	2	25-Jun-21	26-Jun-21	29-Nov-21	30-Nov-21	-155
6072	Set Work Bridge Steel	3	29-Jun-21	01-Jul-21	01-Dec-21	03-Dec-21	-155
6074	Set Work Bridge Mats	1	02-Jul-21	02-Jul-21	06-Dec-21	06-Dec-21	-157
6076	Walk Crane Onto Work Bridge	1	06-Jul-21	06-Jul-21	07-Dec-21	07-Dec-21	-154
6002	Install Pile Template For Steel Piles	9	07-Jul-21	19-Jul-21	08-Dec-21	20-Dec-21	-154
6004	Install Steel Piles	9	20-Jul-21	30-Jul-21	21-Dec-21	04-Jan-22	-158
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	02-Aug-21	31-Aug-21	05-Jan-22	03-Feb-22	-156
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	01-Sep-21	17-Sep-21	04-Feb-22	22-Feb-22	-158
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	20-Sep-21	20-Sep-21	23-Feb-22	23-Feb-22	-156
6090	Set Hollow Core Panels Phase 1	18	21-Sep-21	14-Oct-21	02-Mar-22	25-Mar-22	-162
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	15-Oct-21	08-Nov-21	28-Mar-22	19-Apr-22	-162
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	09-Nov-21	19-Nov-21	20-Apr-22	02-May-22	-164
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	22-Nov-21	22-Nov-21	03-May-22	03-May-22	-162
6100	Set Hollow Core Panels Phase 2	13	23-Nov-21	13-Dec-21	04-May-22	20-May-22	-156
6110	Demobilize Crane	8	14-Dec-21	23-Dec-21	23-May-22	02-Jun-22	-161
6130	Cleanup Keyways and Panel Joints	8	14-Dec-21	23-Dec-21	23-May-22	02-Jun-22	-161
6030	Install Finished Slab at Hollow Core	19	27-Dec-21	21-Jan-22	03-Jun-22	29-Jun-22	-159



Run Date: 28-Oct-21
Data Date: 01-Apr-21
Start Date: 10-Sep-20
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APC Construction Company LLC

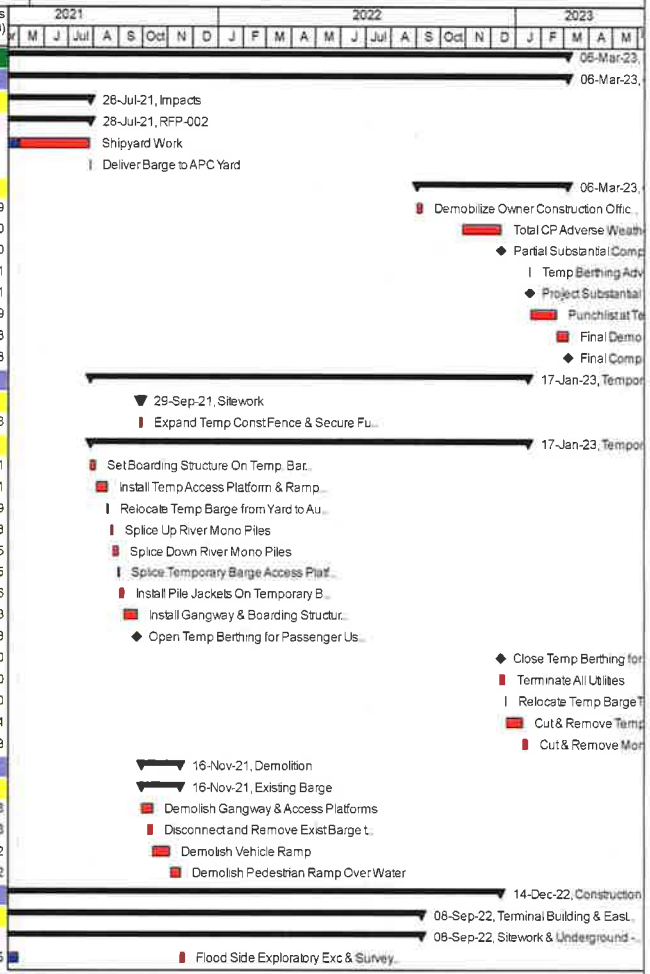
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 8

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-8V01_April 21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-8V01_April 21 Progress Update								
General								
Impacts								
RFP-002								
RFP-002-1110	Shipyard Work	75	60			06-Apr-21 A	27-Jul-21	
RFP-002-1140	Deliver Barge to APC Yard	1	1			28-Jul-21	28-Jul-21	
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	02-Sep-22	08-Sep-22	-199
3140	Total CP Adverse Weather Days - 36 workdays	32	32	18-Apr-22	07-Jun-22	28-Oct-22	14-Dec-22	-190
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		14-Dec-22	-190
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	18-Jan-23	19-Jan-23	-191
3170	Project Substantial Completion	0	0		12-Jul-22		19-Jan-23	-191
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	20-Jan-23	20-Feb-23	-179
3280	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	21-Feb-23	06-Mar-23	-178
3090	Final Completion	0	0		09-Sep-22		06-Mar-23	-178
Temporary Work								
Sitework								
2290	Expand Temp Const Fence & Secure Full Site	3	3	08-Mar-21	10-Mar-21	27-Sep-21	29-Sep-21	-203
Temporary Barge								
2032	Set Boarding Structure On Temp. Barge	5	5	30-Dec-20	05-Jan-21	29-Jul-21	04-Aug-21	-211
2050	Install Temp Access Platform & Ramp on Barge	10	10	13-Jan-21	29-Jan-21	05-Aug-21	18-Aug-21	-201
2220	Relocate Temp Barge from Yard to Audubon	2	2	01-Feb-21	02-Feb-21	19-Aug-21	20-Aug-21	-199
2060	Splice Up River Mono Piles	3	3	03-Feb-21	08-Feb-21	23-Aug-21	25-Aug-21	-198
2300	Splice Down River Mono Piles	4	4	09-Feb-21	17-Feb-21	26-Aug-21	31-Aug-21	-195
2232	Splice Temporary Barge Access Platform Piles	2	2	18-Feb-21	19-Feb-21	01-Sep-21	02-Sep-21	-195
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	2	22-Feb-21	23-Feb-21	03-Sep-21	07-Sep-21	-196
2030	Install Gangway & Boarding Structure	13	13	24-Feb-21	05-Mar-21	08-Sep-21	24-Sep-21	-203
2070	Open Temp Berthing for Passenger Use	0	0		05-Mar-21		24-Sep-21	-203
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		14-Dec-22	-190
2164	Terminate All Utilites	4	4	08-Jun-22	13-Jun-22	15-Dec-22	20-Dec-22	-190
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	21-Dec-22	21-Dec-22	-190
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	22-Dec-22	10-Jan-23	-194
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	11-Jan-23	17-Jan-23	-193
Demolition								
Existing Barge								
1020	Demolish Gangway & Access Platforms	10	10	11-Mar-21	24-Mar-21	30-Sep-21	13-Oct-21	-203
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	19-Mar-21	24-Mar-21	08-Oct-21	13-Oct-21	-203
1030	Demolish Vehicle Ramp	15	15	25-Mar-21	15-Apr-21	14-Oct-21	03-Nov-21	-202
1120	Demolish Pedestrian Ramp Over Water	9	9	16-Apr-21	28-Apr-21	04-Nov-21	16-Nov-21	-202
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
8100	Flood Side Exploratory Exc & Survey Property	9	4	29-Apr-21	11-May-21	14-Dec-20 A	22-Nov-21	-195



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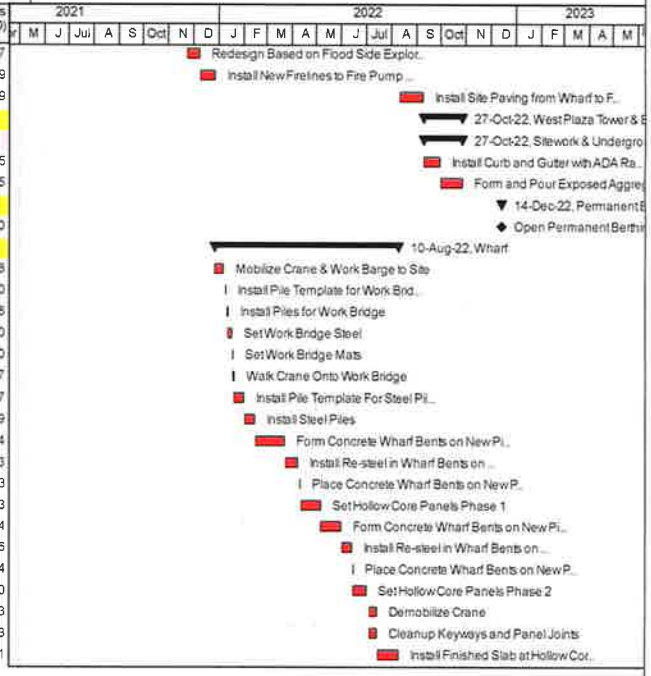
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-8V01_April 21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
6110	Redesign Based on Flood Side Exploration Results	10	10	12-May-21	25-May-21	23-Nov-21	08-Dec-21	-197
7050	Install New Firelines to Fire Pump and Demolish Existing	12	12	26-May-21	11-Jun-21	09-Dec-21	27-Dec-21	-199
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	11-Aug-22	08-Sep-22	-199
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	09-Sep-22	29-Sep-22	-195
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	30-Sep-22	27-Oct-22	-195
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		14-Dec-22	-190
Wharf								
6050	Mobilize Crane & Work Barge to Site	8	8	14-Jun-21	23-Jun-21	28-Dec-21	07-Jan-22	-198
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	10-Jan-22	10-Jan-22	-200
6064	Install Piles for Work Bridge	2	2	25-Jun-21	28-Jun-21	11-Jan-22	12-Jan-22	-198
6072	Set Work Bridge Steel	3	3	29-Jun-21	01-Jul-21	13-Jan-22	17-Jan-22	-200
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	18-Jan-22	18-Jan-22	-200
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	19-Jan-22	19-Jan-22	-197
6002	Install Pile Template For Steel Piles	9	9	07-Jul-21	19-Jul-21	20-Jan-22	01-Feb-22	-197
6004	Install Steel Piles	9	9	20-Jul-21	30-Jul-21	02-Feb-22	14-Feb-22	-199
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	15-Feb-22	23-Mar-22	-204
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	24-Mar-22	08-Apr-22	-203
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	11-Apr-22	11-Apr-22	-203
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	12-Apr-22	05-May-22	-203
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	06-May-22	31-May-22	-204
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	01-Jun-22	13-Jun-22	-206
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	14-Jun-22	14-Jun-22	-204
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	15-Jun-22	01-Jul-22	-200
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	05-Jul-22	14-Jul-22	-203
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	05-Jul-22	14-Jul-22	-203
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	15-Jul-22	10-Aug-22	-201



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Start Date: 10-Sep-20
Finish Date: 06-Mar-23
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woodward design-build

APC Construction Company, LLC

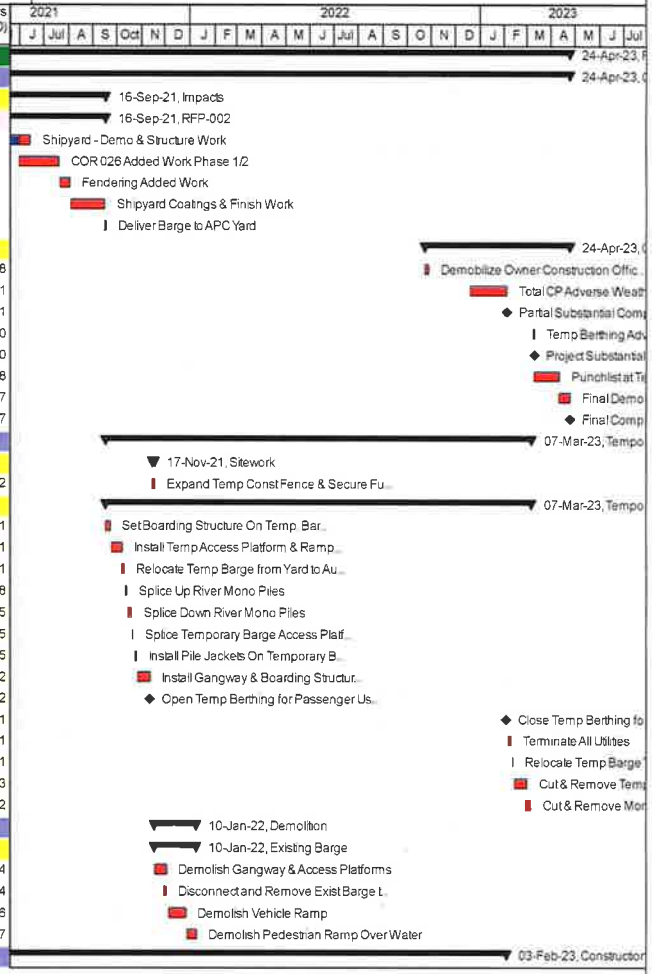
- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Update 9

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-9V01_May21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
General								
Impacts								
RFP-002								
RFP-002-1110a	Shipyard - Demo & Structure Work	45	10			06-Apr-21 A	14-Jun-21	
RFP-002-1170	COR 026 Added Work Phase 1/2	35	35			01-Jun-21	20-Jul-21	
RFP-002-1200	Fendering Added Work	10	10			21-Jul-21	03-Aug-21	
RFP-002-1110b	Shipyard Coatings & Finish Work	30	30			04-Aug-21	15-Sep-21	
RFP-002-1140	Deliver Barge to APC Yard	1	1			16-Sep-21	16-Sep-21	
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	24-Oct-22	27-Oct-22	-248
3140	Total CP Adverse Weather Days - 36 workdays	32	32	18-Apr-22	07-Jun-22	20-Dec-22	03-Feb-23	-241
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		03-Feb-23	-241
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	08-Mar-23	09-Mar-23	-240
3170	Project Substantial Completion	0	0		12-Jul-22		09-Mar-23	-240
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	10-Mar-23	10-Apr-23	-228
3280	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	11-Apr-23	24-Apr-23	-227
3090	Final Completion	0	0		09-Sep-22		24-Apr-23	-227
Temporary Work								
Sitework								
2290	Expand Temp Const Fence & Secure Full Site	3	3	08-Mar-21	10-Mar-21	15-Nov-21	17-Nov-21	-252
Temporary Barge								
2032	Set Boarding Structure On Temp. Barge	5	5	30-Dec-20	05-Jan-21	17-Sep-21	23-Sep-21	-261
2050	Install Temp Access Platform & Ramp on Barge	10	10	13-Jan-21	29-Jan-21	24-Sep-21	07-Oct-21	-251
2220	Relocate Temp Barge from Yard to Audubon	2	2	01-Feb-21	02-Feb-21	08-Oct-21	11-Oct-21	-251
2060	Splice Up River Mono Piles	3	3	03-Feb-21	08-Feb-21	12-Oct-21	14-Oct-21	-248
2300	Splice Down River Mono Piles	4	4	09-Feb-21	17-Feb-21	15-Oct-21	20-Oct-21	-245
2232	Splice Temporary Barge Access Platform Piles	2	2	18-Feb-21	19-Feb-21	21-Oct-21	22-Oct-21	-245
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	2	22-Feb-21	23-Feb-21	25-Oct-21	26-Oct-21	-245
2030	Install Gangway & Boarding Structure	13	13	24-Feb-21	05-Mar-21	27-Oct-21	12-Nov-21	-252
2070	Open Temp Berthing for Passenger Use	0	0		05-Mar-21		12-Nov-21	-252
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		03-Feb-23	-241
2164	Terminate All Utilites	4	4	08-Jun-22	13-Jun-22	06-Feb-23	09-Feb-23	-241
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	10-Feb-23	10-Feb-23	-241
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	13-Feb-23	28-Feb-23	-243
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	01-Mar-23	07-Mar-23	-242
Demolition								
Existing Barge								
1020	Demolish Gangway & Access Platforms	10	10	11-Mar-21	24-Mar-21	18-Nov-21	03-Dec-21	-254
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	19-Mar-21	24-Mar-21	30-Nov-21	03-Dec-21	-254
1030	Demolish Vehicle Ramp	15	15	25-Mar-21	15-Apr-21	06-Dec-21	27-Dec-21	-256
1120	Demolish Pedestrian Ramp Over Water	9	9	16-Apr-21	28-Apr-21	28-Dec-21	10-Jan-22	-257
Construction								



Run Date: 28-Oct-21
Data Date: 01-Jun-21
Start Date: 10-Sep-20
Finish Date: 24-Apr-23
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woodward design+build

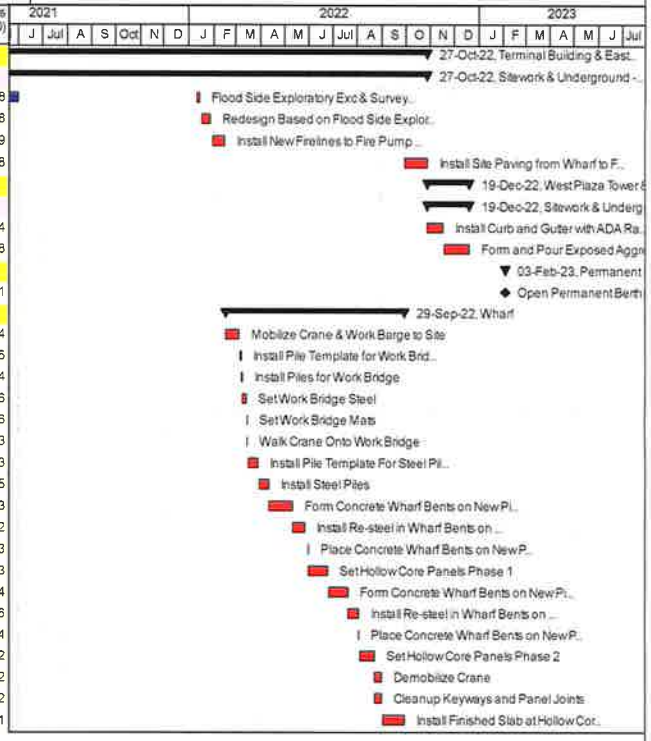
APC Construction Company LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-9V01_May21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Terminal Building & East Tower								
Sitework & Underground - East								
8100	Flood Side Exploratory Exc & Survey Property	9	4	29-Apr-21	11-May-21	14-Dec-20 A	14-Jan-22	-248
8110	Redesign Based on Flood Side Exploration Results	10	10	12-May-21	25-May-21	17-Jan-22	28-Jan-22	-248
7050	Install New Firelines to Fire Pump and Demolish Existing	12	12	26-May-21	11-Jun-21	31-Jan-22	15-Feb-22	-249
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	30-Sep-22	27-Oct-22	-248
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	28-Oct-22	17-Nov-22	-244
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	18-Nov-22	19-Dec-22	-248
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		03-Feb-23	-241
Wharf								
6050	Mobilize Crane & Work Barge to Site	8	8	14-Jun-21	23-Jun-21	16-Feb-22	04-Mar-22	-254
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	07-Mar-22	07-Mar-22	-256
6064	Install Piles for Work Bridge	2	2	25-Jun-21	28-Jun-21	08-Mar-22	09-Mar-22	-254
6072	Set Work Bridge Steel	3	3	29-Jun-21	01-Jul-21	10-Mar-22	14-Mar-22	-256
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	15-Mar-22	15-Mar-22	-256
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	16-Mar-22	16-Mar-22	-253
6002	Install Pile Template For Steel Piles	9	9	07-Jul-21	19-Jul-21	17-Mar-22	29-Mar-22	-253
6004	Install Steel Piles	9	9	20-Jul-21	30-Jul-21	30-Mar-22	11-Apr-22	-255
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	12-Apr-22	11-May-22	-253
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	12-May-22	27-May-22	-252
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	31-May-22	31-May-22	-253
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	01-Jun-22	24-Jun-22	-253
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	27-Jun-22	20-Jul-22	-254
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	21-Jul-22	02-Aug-22	-256
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	03-Aug-22	03-Aug-22	-254
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	04-Aug-22	22-Aug-22	-252
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	23-Aug-22	01-Sep-22	-252
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	23-Aug-22	01-Sep-22	-252
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	02-Sep-22	29-Sep-22	-251



Run Date: 28-Oct-21
Data Date: 01-Jun-21
Start Date: 10-Sep-20
Finish Date: 24-Apr-23
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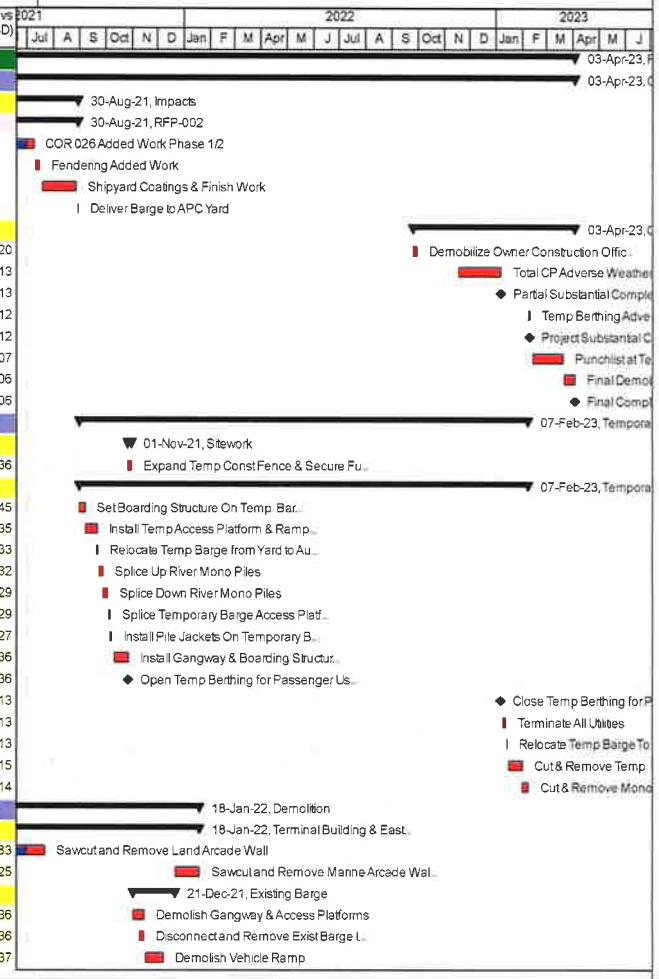
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 10

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-10V01_June21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
General								
Impacts								
RFP-002								
RFP-002-1170	COR 026 Added Work Phase 1/2	35	6			07-Jun-21 A	09-Jul-21	
RFP-002-1200	Fendering Added Work	5	5			12-Jul-21	16-Jul-21	
RFP-002-1110b	Shipyard Coatings & Finish Work	30	30			19-Jul-21	27-Aug-21	
RFP-002-1140	Deliver Barge to APC Yard	1	1			30-Aug-21	30-Aug-21	
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	26-Sep-22	29-Sep-22	-220
3140	Total CP Adverse Weather Days - 36 workdays	32	32	18-Apr-22	07-Jun-22	18-Nov-22	06-Jan-23	-213
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		06-Jan-23	-213
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	08-Feb-23	09-Feb-23	-212
3170	Project Substantial Completion	0	0		12-Jul-22		09-Feb-23	-212
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	13-Feb-23	20-Mar-23	-207
3280	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	21-Mar-23	03-Apr-23	-206
3090	Final Completion	0	0		09-Sep-22		03-Apr-23	-206
Temporary Work								
Sitework								
2290	Expand Temp Const Fence & Secure Full Site	3	3	08-Mar-21	10-Mar-21	26-Oct-21	01-Nov-21	-236
Temporary Barge								
2032	Set Boarding Structure On Temp. Barge	5	5	30-Dec-20	05-Jan-21	31-Aug-21	07-Sep-21	-245
2050	Install Temp Access Platform & Ramp on Barge	10	10	13-Jan-21	29-Jan-21	08-Sep-21	21-Sep-21	-235
2220	Relocate Temp Barge from Yard to Audubon	2	2	01-Feb-21	02-Feb-21	22-Sep-21	23-Sep-21	-233
2060	Splice Up River Mono Piles	3	3	03-Feb-21	08-Feb-21	24-Sep-21	28-Sep-21	-232
2300	Splice Down River Mono Piles	4	4	09-Feb-21	17-Feb-21	29-Sep-21	04-Oct-21	-229
2232	Splice Temporary Barge Access Platform Piles	2	2	18-Feb-21	19-Feb-21	05-Oct-21	06-Oct-21	-229
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	2	22-Feb-21	23-Feb-21	07-Oct-21	08-Oct-21	-227
2030	Install Gangway & Boarding Structure	13	13	24-Feb-21	05-Mar-21	11-Oct-21	27-Oct-21	-236
2070	Open Temp Berthing for Passenger Use	0	0		05-Mar-21		27-Oct-21	-236
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		06-Jan-23	-213
2164	Terminate All Utilities	4	4	08-Jun-22	13-Jun-22	09-Jan-23	12-Jan-23	-213
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	13-Jan-23	13-Jan-23	-213
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	16-Jan-23	31-Jan-23	-215
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	01-Feb-23	07-Feb-23	-214
Demolition								
Terminal Building & East Tower								
1110	Sawcut and Remove Land Arcade Wall	15	14	08-Apr-21	29-Apr-21	12-Apr-21 A	21-Jul-21	-83
1060	Sawcut and Remove Marine Arcade Wall	18	18	12-May-21	07-Jun-21	22-Dec-21	18-Jan-22	-225
Existing Barge								
1020	Demolish Gangway & Access Platforms	10	10	11-Mar-21	24-Mar-21	02-Nov-21	15-Nov-21	-236
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	19-Mar-21	24-Mar-21	10-Nov-21	15-Nov-21	-236
1030	Demolish Vehicle Ramp	15	15	25-Mar-21	15-Apr-21	16-Nov-21	08-Dec-21	-237



Run Date 28-Oct-21
Data Date 01-Jul-21
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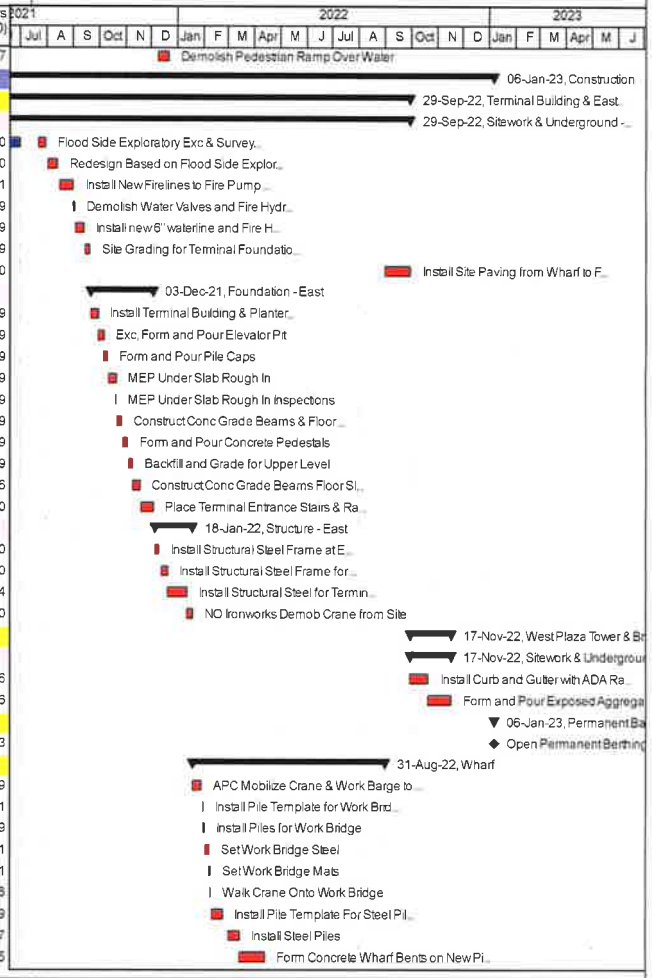
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-10V01_June21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
1120	Demolish Pedestrian Ramp Over Water	9	9	16-Apr-21	28-Apr-21	09-Dec-21	21-Dec-21	-237
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
6100	Flood Side Exploratory Exc & Survey Property	9	7	29-Apr-21	11-May-21	14-Dec-20 A	30-Jul-21	-80
8110	Redesign Based on Flood Side Exploration Results	10	10	12-May-21	25-May-21	02-Aug-21	13-Aug-21	-80
7050	Install New Firelines to Fire Pump and Demolish Existing	12	12	26-May-21	11-Jun-21	16-Aug-21	31-Aug-21	-81
7550	Demolish Water Valves and Fire Hydrant	2	2	24-Jun-21	25-Jun-21	01-Sep-21	02-Sep-21	-69
7570	Install new 6" waterline and Fire Hydrant	6	6	28-Jun-21	06-Jul-21	03-Sep-21	13-Sep-21	-69
7000	Site Grading for Terminal Foundation	5	5	07-Jul-21	13-Jul-21	14-Sep-21	20-Sep-21	-69
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	01-Sep-22	29-Sep-22	-220
Foundation - East								
7020	Install Terminal Building & Planter Timber Piles - 92 ea	7	7	14-Jul-21	22-Jul-21	21-Sep-21	29-Sep-21	-69
7620	Exc, Form and Pour Elevator Pit	5	5	23-Jul-21	29-Jul-21	30-Sep-21	06-Oct-21	-69
7630	Form and Pour Pile Caps	3	3	30-Jul-21	03-Aug-21	07-Oct-21	11-Oct-21	-69
7650	MEP Under Slab Rough In	7	7	04-Aug-21	12-Aug-21	12-Oct-21	20-Oct-21	-69
7660	MEP Under Slab Rough In Inspections	1	1	13-Aug-21	13-Aug-21	21-Oct-21	21-Oct-21	-69
7680	Construct Conc Grade Beams & Floor Slab Lower Level	5	5	16-Aug-21	20-Aug-21	22-Oct-21	28-Oct-21	-69
7640	Form and Pour Concrete Pedestals	5	5	23-Aug-21	27-Aug-21	29-Oct-21	04-Nov-21	-69
7670	Backfill and Grade for Upper Level	3	3	30-Aug-21	01-Sep-21	05-Nov-21	09-Nov-21	-69
7690	Construct Conc Grade Beams Floor Slab & Entrance Slab Upper Level	7	7	02-Sep-21	13-Sep-21	10-Nov-21	18-Nov-21	-66
7040	Place Terminal Entrance Stairs & Ramp	9	9	14-Sep-21	24-Sep-21	19-Nov-21	03-Dec-21	-70
Structure - East								
7710	Install Structural Steel Frame at Elevator Shaft	5	5	27-Sep-21	01-Oct-21	06-Dec-21	10-Dec-21	-70
7740	Install Structural Steel Frame for Plaza Tower w/ Decking	6	6	04-Oct-21	11-Oct-21	13-Dec-21	20-Dec-21	-70
7720	Install Structural Steel for Terminal Building	14	14	12-Oct-21	29-Oct-21	21-Dec-21	11-Jan-22	-74
7722	NO Ironworks Demob Crane from Site	5	5			12-Jan-22	18-Jan-22	-44580
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	30-Sep-22	20-Oct-22	-216
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	21-Oct-22	17-Nov-22	-216
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		06-Jan-23	-213
Wharf								
6050	APC Mobilize Crane & Work Barge to Site	8	8	14-Jun-21	23-Jun-21	19-Jan-22	28-Jan-22	-219
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	31-Jan-22	31-Jan-22	-221
6064	Install Piles for Work Bridge	2	2	25-Jun-21	28-Jun-21	01-Feb-22	02-Feb-22	-219
6072	Set Work Bridge Steel	3	3	29-Jun-21	01-Jul-21	03-Feb-22	07-Feb-22	-221
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	08-Feb-22	08-Feb-22	-221
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	09-Feb-22	09-Feb-22	-218
6002	Install Pile Template For Steel Piles	9	9	07-Jul-21	19-Jul-21	10-Feb-22	23-Feb-22	-219
6004	Install Steel Piles	9	9	20-Jul-21	30-Jul-21	02-Mar-22	14-Mar-22	-227
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	15-Mar-22	13-Apr-22	-225



Run Date 28-Oct-21
Data Date 01-Jul-21
Start Date 10-Sep-20
Finish Date 03-Apr-23
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woodward design+build

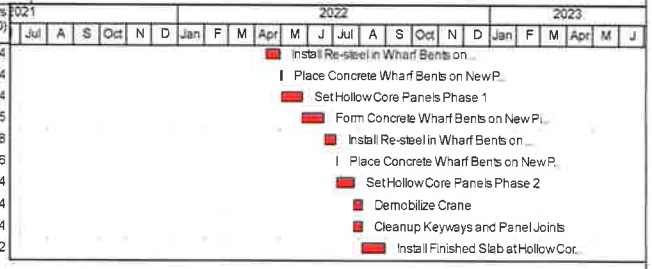
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-10V01_June21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	14-Apr-22	29-Apr-22	-224
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	02-May-22	02-May-22	-224
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	03-May-22	26-May-22	-224
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	27-May-22	21-Jun-22	-225
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	22-Jun-22	05-Jul-22	-228
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	06-Jul-22	06-Jul-22	-226
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	07-Jul-22	25-Jul-22	-224
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	26-Jul-22	04-Aug-22	-224
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	26-Jul-22	04-Aug-22	-224
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	05-Aug-22	31-Aug-22	-222



Run Date: 28-Oct-21
Data Date: 01-Jul-21
Start Date: 10-Sep-20
Finish Date: 03-Apr-23
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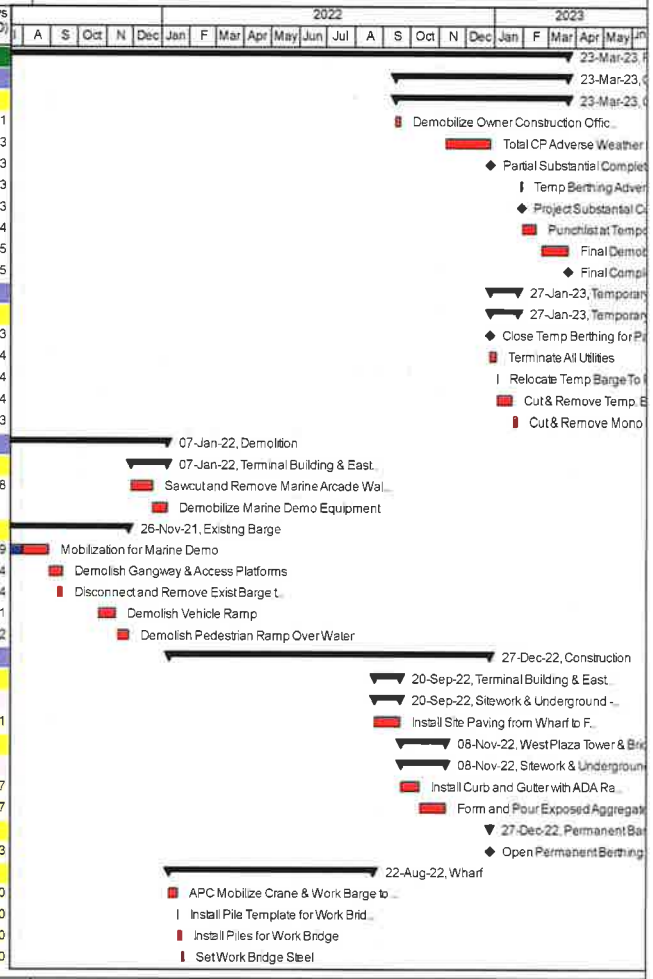
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 11

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-11V01_July21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-11V01_July21 Progress Update								
General								
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	15-Sep-22	20-Sep-22	-211
3140	Total CP Adverse Weather Days - 36 workdays	32	32	18-Apr-22	07-Jun-22	09-Nov-22	27-Dec-22	-203
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		27-Dec-22	-203
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	30-Jan-23	31-Jan-23	-203
3170	Project Substantial Completion	0	0		12-Jul-22		31-Jan-23	-203
3150	Punchlist at Temporary Berthing	10	10	13-Jul-22	25-Aug-22	01-Feb-23	15-Feb-23	-174
3280	Final Demob from Site	22	22	26-Aug-22	09-Sep-22	22-Feb-23	23-Mar-23	-195
3090	Final Completion	0	0		09-Sep-22		23-Mar-23	-195
Temporary Work								
Temporary Barge								
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		27-Dec-22	-203
2164	Terminate All Utilities	4	4	08-Jun-22	13-Jun-22	28-Dec-22	03-Jan-23	-204
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	04-Jan-23	04-Jan-23	-204
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	05-Jan-23	20-Jan-23	-204
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	23-Jan-23	27-Jan-23	-203
Demolition								
Terminal Building & East Tower								
1060	Sawcut and Remove Marine Arcade Wall	18	18	12-May-21	07-Jun-21	29-Nov-21	22-Dec-21	-198
1170	Demobilize Marine Demo Equipment	10	10			23-Dec-21	07-Jan-22	
Existing Barge								
A1030	Mobilization for Marine Demo	35	21			13-Jul-21 A	30-Aug-21	-44439
1020	Demolish Gangway & Access Platforms	10	10	11-Mar-21	24-Mar-21	31-Aug-21	14-Sep-21	-174
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	19-Mar-21	24-Mar-21	09-Sep-21	14-Sep-21	-174
1030	Demolish Vehicle Ramp	15	15	25-Mar-21	15-Apr-21	25-Oct-21	12-Nov-21	-211
1120	Demolish Pedestrian Ramp Over Water	9	9	16-Apr-21	28-Apr-21	15-Nov-21	26-Nov-21	-212
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	23-Aug-22	20-Sep-22	-211
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	21-Sep-22	11-Oct-22	-207
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	12-Oct-22	08-Nov-22	-207
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		27-Dec-22	-203
Wharf								
6050	APC Mobilize Crane & Work Barge to Site	8	8	14-Jun-21	23-Jun-21	10-Jan-22	19-Jan-22	-210
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	20-Jan-22	20-Jan-22	-210
6064	Install Piles for Work Bridge	2	2	25-Jun-21	28-Jun-21	21-Jan-22	24-Jan-22	-210
6072	Set Work Bridge Steel	3	3	29-Jun-21	01-Jul-21	25-Jan-22	27-Jan-22	-210



Run Date: 02-Nov-21
Data Date: 01-Aug-21
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Finish Date: 23-Mar-23
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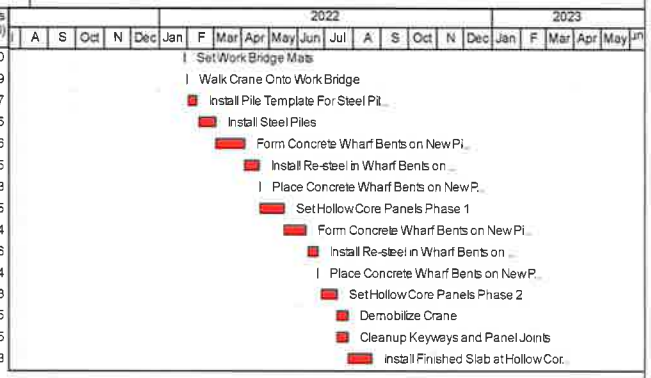
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-11V01_July21
Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	28-Jan-22	28-Jan-22	-210
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	31-Jan-22	31-Jan-22	-209
6002	Install Pile Template For Steel Piles	9	9	07-Jul-21	19-Jul-21	01-Feb-22	11-Feb-22	-207
6004	Install Steel Piles	9	9	20-Jul-21	30-Jul-21	14-Feb-22	03-Mar-22	-216
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	04-Mar-22	04-Apr-22	-216
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	05-Apr-22	20-Apr-22	-215
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	21-Apr-22	21-Apr-22	-213
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	22-Apr-22	17-May-22	-215
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	18-May-22	10-Jun-22	-214
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	13-Jun-22	23-Jun-22	-216
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	24-Jun-22	24-Jun-22	-214
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	27-Jun-22	14-Jul-22	-213
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	15-Jul-22	26-Jul-22	-215
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	15-Jul-22	26-Jul-22	-215
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	27-Jul-22	22-Aug-22	-213



Run Date: 02-Nov-21
Data Date: 01-Aug-21
Start Date: 10-Sep-20
Finish Date: 23-Mar-23
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woodward design | build

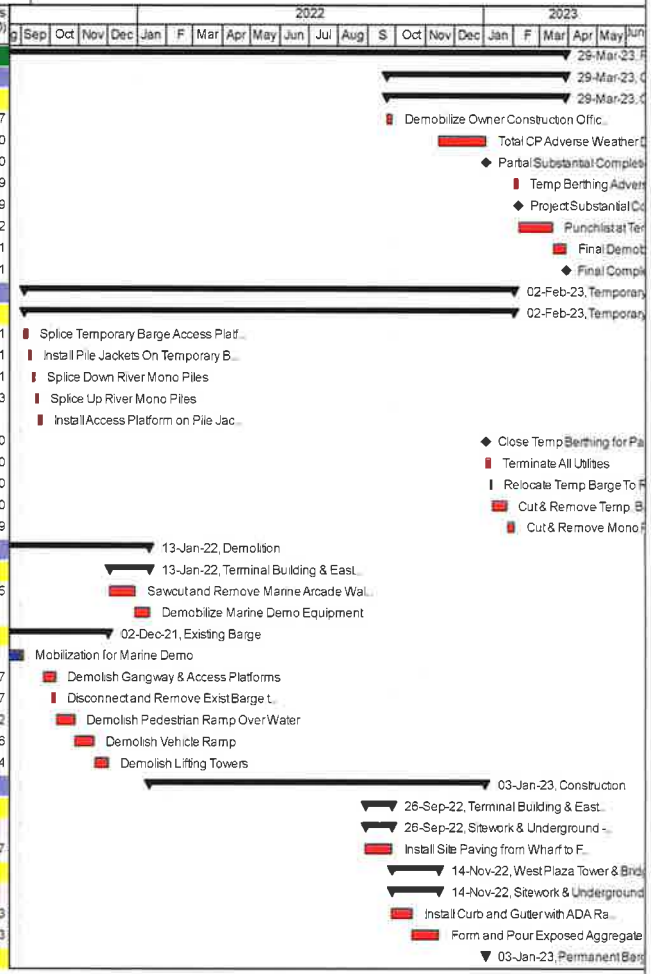
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 12

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-12V02_August Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	21-Sep-22	26-Sep-22	-217
3140	Total CP Adverse Weather Days - 36 workdays	32	32	18-Apr-22	07-Jun-22	15-Nov-22	03-Jan-23	-210
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		03-Jan-23	-210
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	03-Feb-23	06-Feb-23	-209
3170	Project Substantial Completion	0	0		12-Jul-22		06-Feb-23	-209
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	07-Feb-23	15-Mar-23	-202
3280	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	16-Mar-23	29-Mar-23	-201
3090	Final Completion	0	0		09-Sep-22		29-Mar-23	-201
Temporary Work								
Temporary Barge								
2232	Splice Temporary Barge Access Platform Piles	5	5	18-Feb-21	19-Feb-21	04-Sep-21	08-Sep-21	-201
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	4	4	22-Feb-21	23-Feb-21	09-Sep-21	12-Sep-21	-201
2300	Splice Down River Mono Piles	4	4	09-Feb-21	17-Feb-21	13-Sep-21	16-Sep-21	-211
2060	Splice Up River Mono Piles	3	3	03-Feb-21	08-Feb-21	17-Sep-21	19-Sep-21	-223
2062	Install Access Platform on Pile Jackets	4	4			20-Sep-21	23-Sep-21	
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		03-Jan-23	-210
2164	Terminate All Utilites	4	4	08-Jun-22	13-Jun-22	04-Jan-23	09-Jan-23	-210
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	10-Jan-23	10-Jan-23	-210
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	11-Jan-23	26-Jan-23	-210
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	27-Jan-23	02-Feb-23	-209
Demolition								
Terminal Building & East Tower								
1060	Sawcut and Remove Marine Arcade Wall	18	18	12-May-21	07-Jun-21	03-Dec-21	29-Dec-21	-205
1170	Demobilize Marine Demo Equipment	10	10			30-Dec-21	13-Jan-22	
Existing Barge								
A1030	Mobilization for Marine Demo	35	3			13-Jul-21 A	03-Sep-21	
1020	Demolish Gangway & Access Platforms	10	10	11-Mar-21	24-Mar-21	24-Sep-21	07-Oct-21	-197
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	19-Mar-21	24-Mar-21	04-Oct-21	07-Oct-21	-197
1120	Demolish Pedestrian Ramp Over Water	9	9	16-Apr-21	28-Apr-21	08-Oct-21	27-Oct-21	-182
1030	Demolish Vehicle Ramp	15	15	25-Mar-21	15-Apr-21	28-Oct-21	17-Nov-21	-216
1050	Demolish Lifting Towers	10	10	29-Apr-21	12-May-21	18-Nov-21	02-Dec-21	-204
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	29-Aug-22	26-Sep-22	-217
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	27-Sep-22	17-Oct-22	-213
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	18-Oct-22	14-Nov-22	-213
Permanent Barge								



Run Date: 04-Mar-22
Data Date: 01-Sep-21
Start Date: 10-Sep-20
Finish Date: 29-Mar-23
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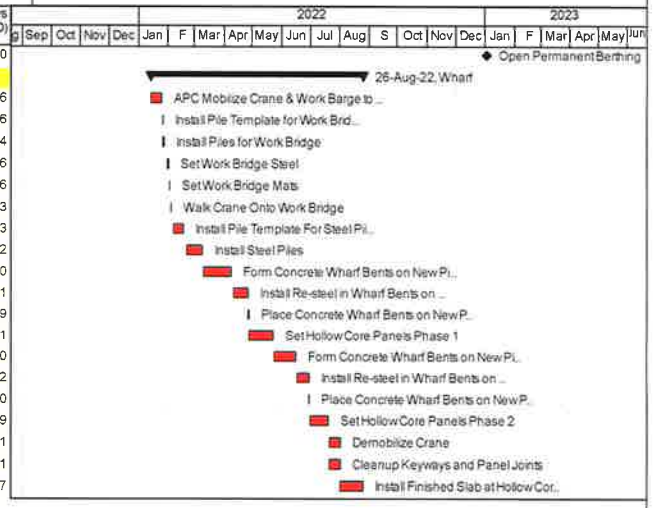
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St, Ferry Terminal - 2019-006_BLv04.1_UP-12V02_August Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
5100	Open Permanent Berthing	0	0		07-Jun-22		03-Jan-23	-210
Wharf								
6050	APC Mobilize Crane & Work Barge to Site	8	8	14-Jun-21	23-Jun-21	14-Jan-22	25-Jan-22	-216
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	26-Jan-22	26-Jan-22	-216
6064	Install Piles for Work Bridge	2	2	25-Jun-21	28-Jun-21	27-Jan-22	28-Jan-22	-214
6072	Set Work Bridge Steel	3	3	29-Jun-21	01-Jul-21	31-Jan-22	02-Feb-22	-216
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	03-Feb-22	03-Feb-22	-216
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	04-Feb-22	04-Feb-22	-213
6002	Install Pile Template For Steel Piles	9	9	07-Jul-21	19-Jul-21	07-Feb-22	17-Feb-22	-213
6004	Install Steel Piles	9	9	20-Jul-21	30-Jul-21	21-Feb-22	09-Mar-22	-222
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	10-Mar-22	08-Apr-22	-220
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	11-Apr-22	26-Apr-22	-221
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	27-Apr-22	27-Apr-22	-219
6090	Set Hollow Core Panels Phase 1	16	16	21-Sep-21	14-Oct-21	28-Apr-22	23-May-22	-221
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	24-May-22	16-Jun-22	-220
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	17-Jun-22	29-Jun-22	-222
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	30-Jun-22	30-Jun-22	-220
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	01-Jul-22	20-Jul-22	-219
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	21-Jul-22	01-Aug-22	-221
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	21-Jul-22	01-Aug-22	-221
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	02-Aug-22	26-Aug-22	-217



Run Date: 04-Mar-22
Data Date: 01-Sep-21
Start Date: 10-Sep-20
Finish Date: 29-Mar-23
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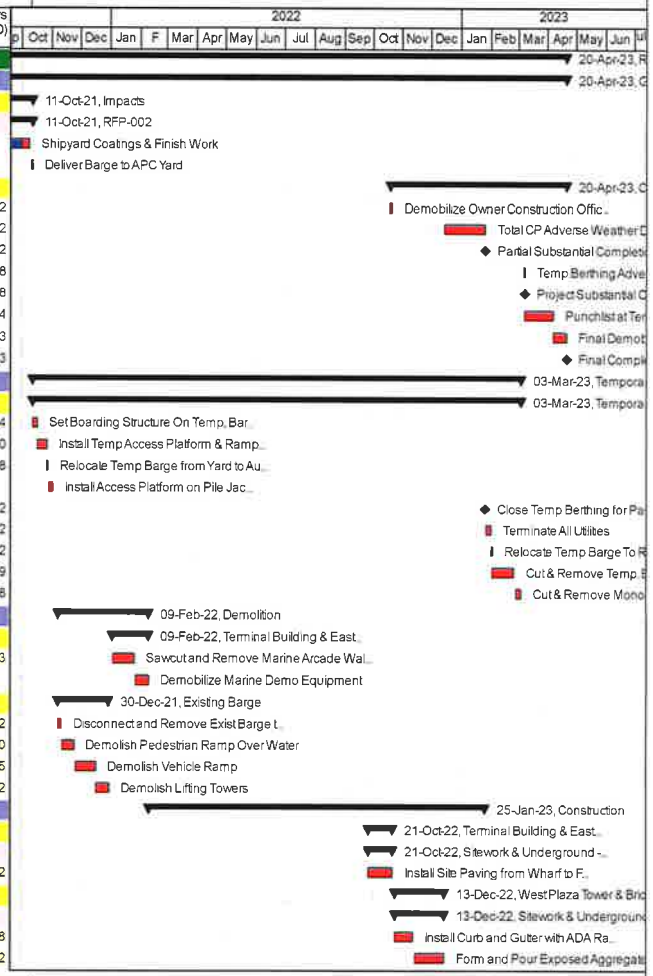
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 13

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-13V01_September Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
General								
Impacts								
RFP-002								
RFP-002-1110b	Shipyard Coatings & Finish Work	30	6			31-Jul-21 A	08-Oct-21	
RFP-002-1140	Deliver Barge to APC Yard	1	1			11-Oct-21	11-Oct-21	
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	18-Oct-22	21-Oct-22	-242
3140	Total CP Adverse Weather Days - 36 workdays	29	29	18-Apr-22	07-Jun-22	14-Dec-22	25-Jan-23	-232
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		25-Jan-23	-232
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	06-Mar-23	07-Mar-23	-238
3170	Project Substantial Completion	0	0		12-Jul-22		07-Mar-23	-238
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	08-Mar-23	06-Apr-23	-224
3280	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	07-Apr-23	20-Apr-23	-223
3090	Final Completion	0	0		09-Sep-22		20-Apr-23	-223
Temporary Work								
Temporary Barge								
2032	Set Boarding Structure On Temp. Barge	5	5	30-Dec-20	05-Jan-21	12-Oct-21	16-Oct-21	-284
2050	Install Temp Access Platform & Ramp on Barge	10	10	13-Jan-21	29-Jan-21	17-Oct-21	26-Oct-21	-270
2220	Relocate Temp Barge from Yard to Audubon	2	2	01-Feb-21	02-Feb-21	27-Oct-21	28-Oct-21	-268
2062	Install Access Platform on Pile Jackets	4	4			29-Oct-21	01-Nov-21	
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		25-Jan-23	-232
2164	Terminate All Utilities	4	4	08-Jun-22	13-Jun-22	26-Jan-23	31-Jan-23	-232
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	01-Feb-23	01-Feb-23	-232
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	02-Feb-23	24-Feb-23	-239
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	27-Feb-23	03-Mar-23	-238
Demolition								
Terminal Building & East Tower								
1060	Sawcut and Remove Marine Arcade Wall	18	18	12-May-21	07-Jun-21	03-Jan-22	26-Jan-22	-233
1170	Demobilize Marine Demo Equipment	10	10			27-Jan-22	09-Feb-22	
Existing Barge								
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	19-Mar-21	24-Mar-21	08-Nov-21	11-Nov-21	-232
1120	Demolish Pedestrian Ramp Over Water	9	9	16-Apr-21	28-Apr-21	12-Nov-21	24-Nov-21	-210
1030	Demolish Vehicle Ramp	15	15	25-Mar-21	15-Apr-21	26-Nov-21	16-Dec-21	-245
1050	Demolish Lifting Towers	10	10	29-Apr-21	12-May-21	17-Dec-21	30-Dec-21	-232
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	26-Sep-22	21-Oct-22	-242
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	24-Oct-22	11-Nov-22	-238
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	14-Nov-22	13-Dec-22	-242



Run Date 04-Mar-22
Data Date 01-Oct-21
Start Date 10-Sep-20
Finish Date 20-Apr-23
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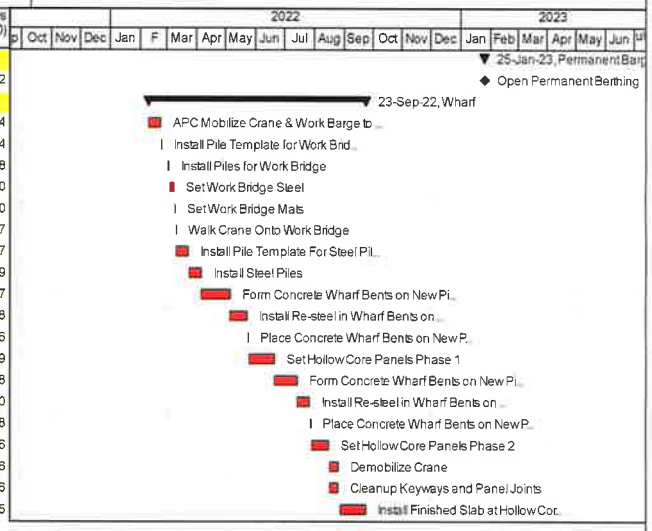
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-13V01_September Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		25-Jan-23	-232
Wharf								
6050	APC Mobilize Crane & Work Barge to Site	8	8	14-Jun-21	23-Jun-21	10-Feb-22	22-Feb-22	-244
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	23-Feb-22	23-Feb-22	-244
6064	Install Piles for Work Bridge	2	2	25-Jun-21	28-Jun-21	02-Mar-22	03-Mar-22	-248
6072	Set Work Bridge Steel	3	3	29-Jun-21	01-Jul-21	04-Mar-22	08-Mar-22	-250
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	09-Mar-22	09-Mar-22	-250
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	10-Mar-22	10-Mar-22	-247
6002	Install Pile Template For Steel Piles	9	9	07-Jul-21	19-Jul-21	11-Mar-22	23-Mar-22	-247
6004	Install Steel Piles	9	9	20-Jul-21	30-Jul-21	24-Mar-22	05-Apr-22	-249
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	06-Apr-22	05-May-22	-247
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	06-May-22	23-May-22	-248
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	24-May-22	24-May-22	-246
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	25-May-22	20-Jun-22	-249
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	21-Jun-22	14-Jul-22	-248
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	15-Jul-22	27-Jul-22	-250
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	28-Jul-22	28-Jul-22	-248
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	29-Jul-22	16-Aug-22	-246
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	17-Aug-22	26-Aug-22	-246
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	17-Aug-22	26-Aug-22	-246
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	29-Aug-22	23-Sep-22	-245



Run Date 04-Mar-22
Data Date 01-Oct-21
Start Date 10-Sep-20
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APC Construction Company, LLC

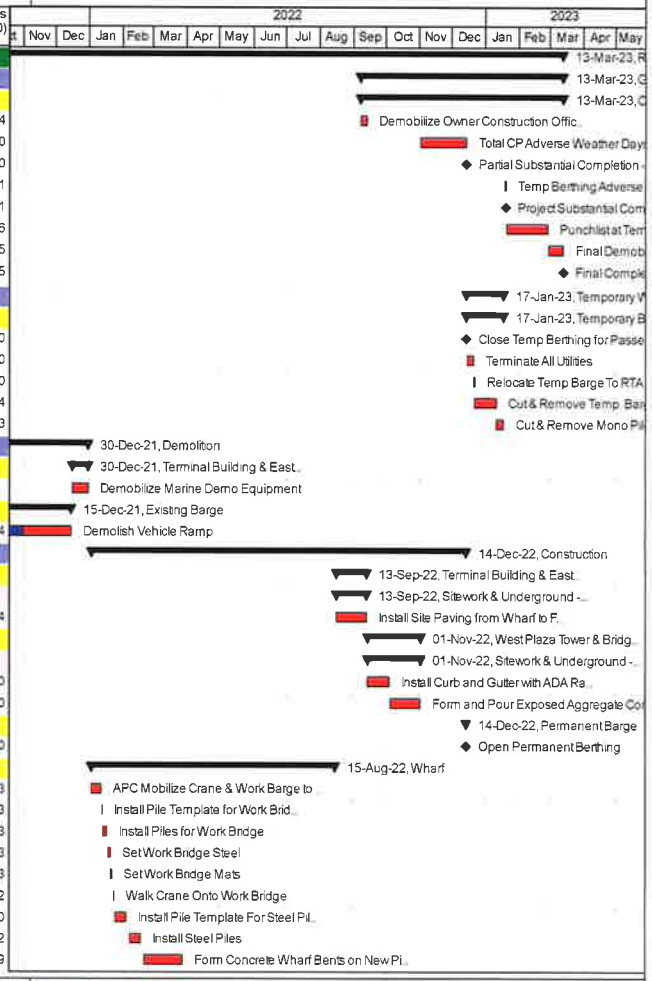
Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Update 14

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-14V01_October Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
General								
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	08-Sep-22	13-Sep-22	-204
3140	Total CP Adverse Weather Days - 36 workdays	29	29	18-Apr-22	07-Jun-22	02-Nov-22	14-Dec-22	-190
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		14-Dec-22	-190
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	18-Jan-23	19-Jan-23	-191
3170	Project Substantial Completion	0	0		12-Jul-22		19-Jan-23	-191
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	20-Jan-23	27-Feb-23	-186
3280	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	28-Feb-23	13-Mar-23	-185
3090	Final Completion	0	0		09-Sep-22		13-Mar-23	-185
Temporary Work								
Temporary Barge								
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		14-Dec-22	-190
2164	Terminate All Utilites	4	4	08-Jun-22	13-Jun-22	15-Dec-22	20-Dec-22	-190
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	21-Dec-22	21-Dec-22	-190
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	22-Dec-22	10-Jan-23	-194
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	11-Jan-23	17-Jan-23	-193
Demolition								
Terminal Building & East Tower								
1170	Demobilize Marine Demo Equipment	10	10			16-Dec-21	30-Dec-21	
Existing Barge								
1030	Demolish Vehicle Ramp	15	32	25-Mar-21	15-Apr-21	15-Oct-21 A	15-Dec-21	-244
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	16-Aug-22	13-Sep-22	-204
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	14-Sep-22	04-Oct-22	-200
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	05-Oct-22	01-Nov-22	-200
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		14-Dec-22	-190
Wharf								
6050	APC Mobilize Crane & Work Barge to Site	8	8	14-Jun-21	23-Jun-21	03-Jan-22	12-Jan-22	-203
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	13-Jan-22	13-Jan-22	-203
6064	Install Piles for Work Bridge	2	2	25-Jun-21	28-Jun-21	14-Jan-22	17-Jan-22	-203
6072	Set Work Bridge Steel	3	3	29-Jun-21	01-Jul-21	18-Jan-22	20-Jan-22	-203
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	21-Jan-22	21-Jan-22	-203
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	24-Jan-22	24-Jan-22	-202
6002	Install Pile Template For Steel Piles	9	9	07-Jul-21	19-Jul-21	25-Jan-22	04-Feb-22	-200
6004	Install Steel Piles	9	9	20-Jul-21	30-Jul-21	07-Feb-22	17-Feb-22	-202
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	21-Feb-22	28-Mar-22	-209



Run Date 04-Mar-22
Data Date 01-Nov-21
Start Date 10-Sep-20
Finish Date 13-Mar-23
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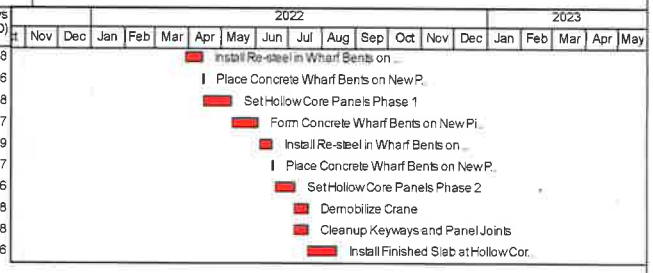
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-14V01_October Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	29-Mar-22	13-Apr-22	-208
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	14-Apr-22	14-Apr-22	-206
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	15-Apr-22	10-May-22	-208
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	11-May-22	03-Jun-22	-207
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	06-Jun-22	16-Jun-22	-209
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	17-Jun-22	17-Jun-22	-207
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	20-Jun-22	07-Jul-22	-206
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	08-Jul-22	19-Jul-22	-208
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	08-Jul-22	19-Jul-22	-208
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	20-Jul-22	15-Aug-22	-206



Run Date: 04-Mar-22
Data Date: 01-Nov-21
Start Date: 10-Sep-20
Finish Date: 13-Mar-23
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woodward design-build

APC Construction Company, LLC

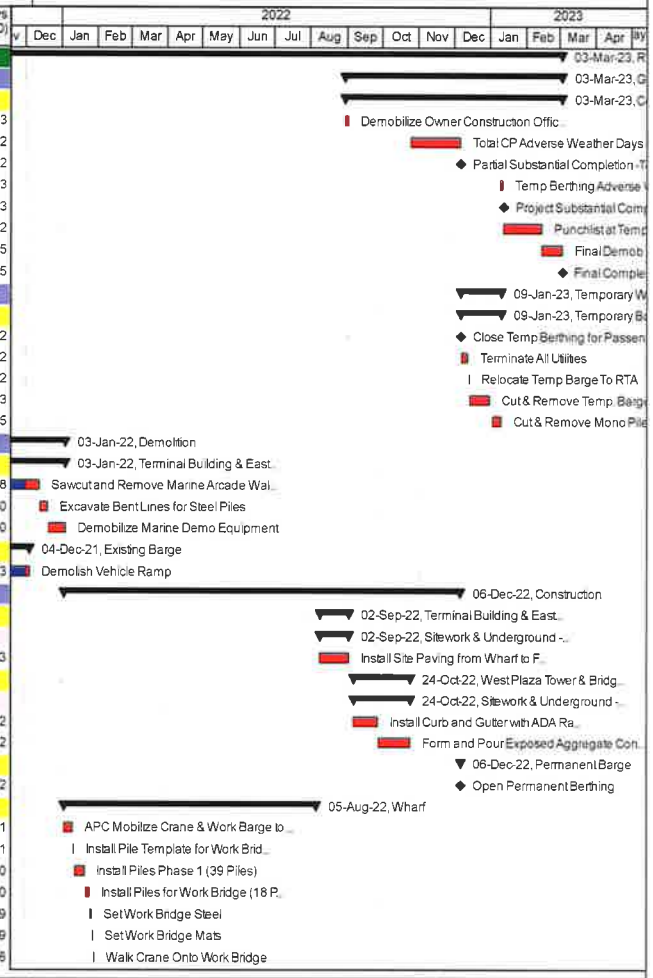
- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Update 15

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-15V01_November Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
General								
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	30-Aug-22	02-Sep-22	-193
3140	Total CP Adverse Weather Days - 36 workdays	29	29	18-Apr-22	07-Jun-22	25-Oct-22	06-Dec-22	-182
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		06-Dec-22	-182
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	10-Jan-23	11-Jan-23	-183
3170	Project Substantial Completion	0	0		12-Jul-22		11-Jan-23	-183
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	12-Jan-23	13-Feb-23	-172
3280	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	14-Feb-23	03-Mar-23	-175
3090	Final Completion	0	0		09-Sep-22		03-Mar-23	-175
Temporary Work								
Temporary Barge								
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		06-Dec-22	-182
2164	Terminate All Utilities	4	4	08-Jun-22	13-Jun-22	07-Dec-22	12-Dec-22	-182
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	13-Dec-22	13-Dec-22	-182
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	14-Dec-22	30-Dec-22	-183
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	03-Jan-23	09-Jan-23	-185
Demolition								
Terminal Building & East Tower								
1060	Sawcut and Remove Marine Arcade Wall	18	12	12-May-21	07-Jun-21	10-Nov-21 A	12-Dec-21	-188
1062	Excavate Bent Lines for Steel Piles	7	7			13-Dec-21	19-Dec-21	0
1170	Demobilize Marine Demo Equipment	10	10			20-Dec-21	03-Jan-22	0
Existing Barge								
1030	Demolish Vehicle Ramp	15	4	25-Mar-21	15-Apr-21	15-Oct-21 A	04-Dec-21	-233
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	08-Aug-22	02-Sep-22	-193
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	06-Sep-22	26-Sep-22	-192
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	27-Sep-22	24-Oct-22	-192
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		06-Dec-22	-182
Wharf								
6050	APC Mobilize Crane & Work Barge to Site	8	8	14-Jun-21	23-Jun-21	03-Jan-22	10-Jan-22	-201
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	11-Jan-22	11-Jan-22	-201
6066	Install Piles Phase 1 (39 Piles)	9	9			12-Jan-22	20-Jan-22	0
6064	Install Piles for Work Bridge (18 Piles)	4	4	25-Jun-21	28-Jun-21	21-Jan-22	24-Jan-22	-210
6072	Set Work Bridge Steel	2	2	29-Jun-21	01-Jul-21	25-Jan-22	26-Jan-22	-209
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	27-Jan-22	27-Jan-22	-209
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	28-Jan-22	28-Jan-22	-208



Run Date 04-Mar-22
Data Date 01-Dec-21
Start Date 10-Sep-20
Finish Date 03-Mar-23
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woodward design-build

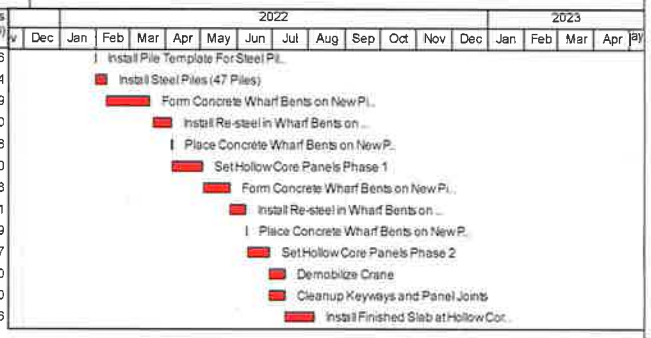
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-15V01_November Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
6002	Install Pile Template For Steel Piles	1	1	07-Jul-21	19-Jul-21	31-Jan-22	31-Jan-22	-196
6004	Install Steel Piles (47 Piles)	8	8	20-Jul-21	30-Jul-21	31-Jan-22	09-Feb-22	-194
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	10-Feb-22	18-Mar-22	-199
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	21-Mar-22	05-Apr-22	-200
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	06-Apr-22	06-Apr-22	-198
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	07-Apr-22	02-May-22	-200
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	03-May-22	25-May-22	-198
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	26-May-22	08-Jun-22	-201
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	09-Jun-22	09-Jun-22	-199
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	10-Jun-22	28-Jun-22	-197
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	29-Jun-22	11-Jul-22	-200
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	29-Jun-22	11-Jul-22	-200
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	12-Jul-22	05-Aug-22	-196



Run Date 04-Mar-22
Data Date 01-Dec-21
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woodward design+build

APC Construction Company, LLC

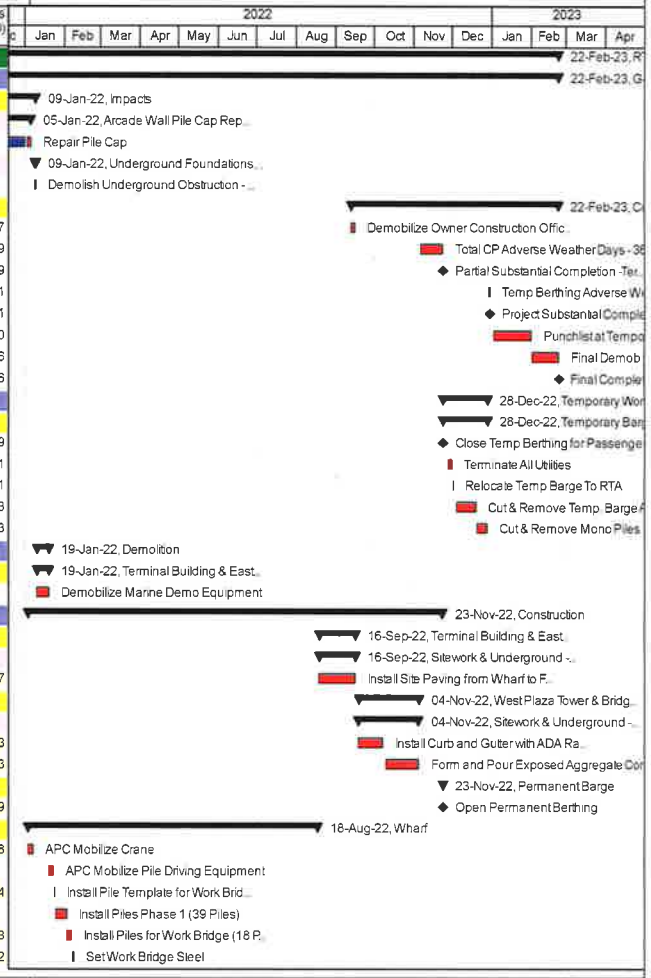
- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Update 16

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-16V01_December 2021 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-16V01_December 2021 Progress Update								
General								
Impacts								
Arcade Wall Pile Cap Repair and PONO Wharf Repair								
A1060	Repair Pile Cap	10	3			15-Dec-21 A	05-Jan-22	
Underground Foundations at Excavated Bent Lines								
A1150	Demolish Underground Obstruction - Planter Pile Area	2	2			06-Jan-22	09-Jan-22	
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	13-Sep-22	16-Sep-22	-207
3140	Total CP Adverse Weather Days - 36 workdays	13	13	18-Apr-22	07-Jun-22	07-Nov-22	23-Nov-22	-169
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		23-Nov-22	-169
3160	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	29-Dec-22	30-Dec-22	-171
3170	Project Substantial Completion	0	0		12-Jul-22		30-Dec-22	-171
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	03-Jan-23	01-Feb-23	-160
3260	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	02-Feb-23	22-Feb-23	-166
3090	Final Completion	0	0		09-Sep-22		22-Feb-23	-166
Temporary Work								
Temporary Barge								
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		23-Nov-22	-169
2164	Terminate All Utilities	4	4	08-Jun-22	13-Jun-22	28-Nov-22	01-Dec-22	-171
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	02-Dec-22	02-Dec-22	-171
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	05-Dec-22	20-Dec-22	-173
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	21-Dec-22	28-Dec-22	-173
Demolition								
Terminal Building & East Tower								
1170	Demobilize Marine Demo Equipment	10	10			10-Jan-22	19-Jan-22	
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	19-Aug-22	16-Sep-22	-207
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	19-Sep-22	07-Oct-22	-203
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	10-Oct-22	04-Nov-22	-203
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		23-Nov-22	-169
Wharf								
6050	APC Mobilize Crane	4	4	14-Jun-21	23-Jun-21	04-Jan-22	07-Jan-22	-198
6052	APC Mobilize Pile Driving Equipment	4	4			20-Jan-22	23-Jan-22	
6062	Install Pile Template for Work Bridge	1	1	24-Jun-21	24-Jun-21	24-Jan-22	24-Jan-22	-214
6066	Install Piles Phase 1 (39 Piles)	9	9			25-Jan-22	02-Feb-22	
6064	Install Piles for Work Bridge (18 Piles)	4	4	25-Jun-21	28-Jun-21	03-Feb-22	06-Feb-22	-223
6072	Set Work Bridge Steel	2	2	29-Jun-21	01-Jul-21	07-Feb-22	08-Feb-22	-222



Run Date: 04-Mar-22
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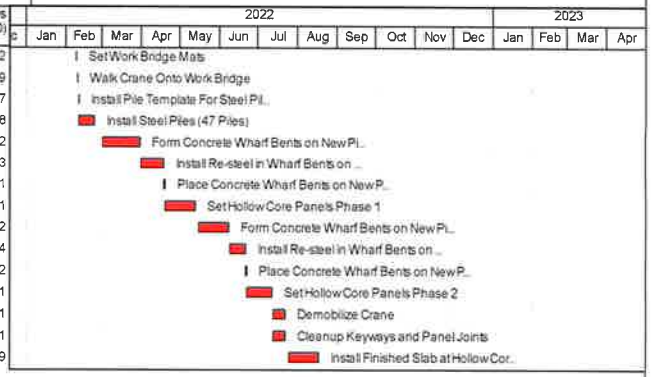
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-16V01_December 2021 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	09-Feb-22	09-Feb-22	-222
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	10-Feb-22	10-Feb-22	-219
6002	Install Pile Template For Steel Piles	1	1	07-Jul-21	19-Jul-21	11-Feb-22	11-Feb-22	-207
6004	Install Steel Piles (47 Piles)	8	8	20-Jul-21	30-Jul-21	11-Feb-22	23-Feb-22	-208
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	02-Mar-22	31-Mar-22	-212
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	01-Apr-22	18-Apr-22	-213
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	19-Apr-22	19-Apr-22	-211
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	20-Apr-22	13-May-22	-211
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	16-May-22	08-Jun-22	-212
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	09-Jun-22	21-Jun-22	-214
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	22-Jun-22	22-Jun-22	-212
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	23-Jun-22	12-Jul-22	-211
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	13-Jul-22	22-Jul-22	-211
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	13-Jul-22	22-Jul-22	-211
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	25-Jul-22	18-Aug-22	-209



Run Date: 04-Mar-22
Data Date: 01-Jan-22
Start Date: 10-Sep-20
Finish Date: 22-Feb-23
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APC Construction Company, LLC

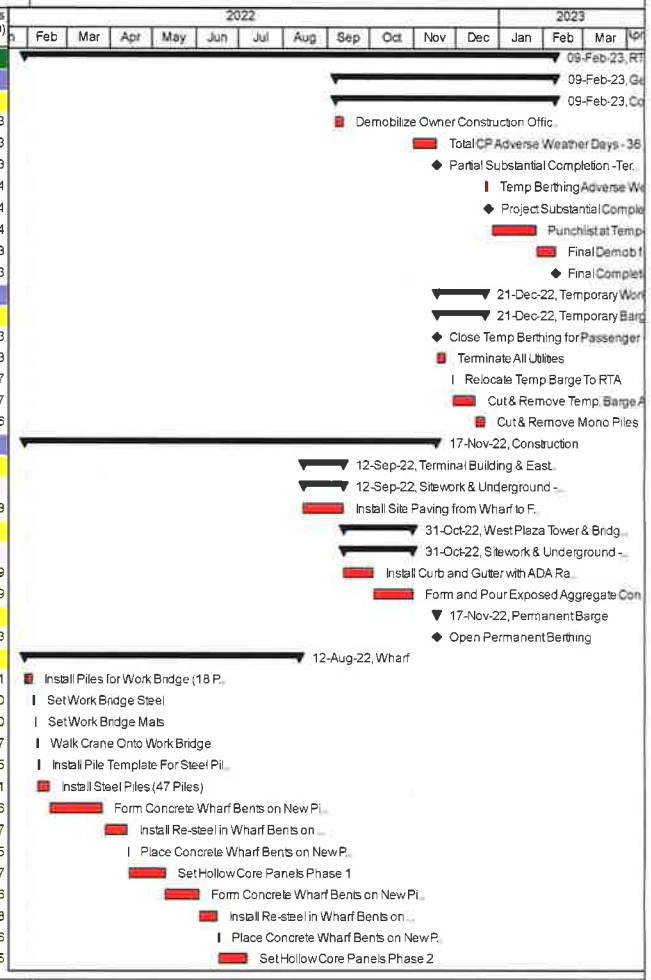
- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Update 17

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-17V01_January 2022 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-17V01_January 2022 Progress Update								
Critical								
Construction Milestones								
2340	Demobilize Owner Construction Office	4	4	15-Feb-22	21-Feb-22	07-Sep-22	12-Sep-22	-203
3140	Total CP Adverse Weather Days - 36 workdays	13	13	18-Apr-22	07-Jun-22	01-Nov-22	17-Nov-22	-163
3050	Partial Substantial Completion -Terminal & Barge	0	0		07-Jun-22		17-Nov-22	-163
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	11-Jul-22	12-Jul-22	22-Dec-22	23-Dec-22	-164
3170	Project Substantial Completion	0	0		12-Jul-22		23-Dec-22	-164
3150	Punchlist at Temporary Berthing	22	22	13-Jul-22	25-Aug-22	27-Dec-22	26-Jan-23	-154
3280	Final Demob from Site	10	10	26-Aug-22	09-Sep-22	27-Jan-23	09-Feb-23	-153
3090	Final Completion	0	0		09-Sep-22		09-Feb-23	-153
Temporary Work								
Temporary Barge								
2170	Close Temp Berthing for Passenger Use	0	0		07-Jun-22		17-Nov-22	-163
2164	Terminate All Utilities	4	4	08-Jun-22	13-Jun-22	18-Nov-22	23-Nov-22	-163
2166	Relocate Temp Barge To RTA	1	1	14-Jun-22	14-Jun-22	28-Nov-22	28-Nov-22	-167
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	15-Jun-22	30-Jun-22	29-Nov-22	14-Dec-22	-167
2168	Cut & Remove Mono Piles	5	5	01-Jul-22	08-Jul-22	15-Dec-22	21-Dec-22	-166
Construction								
Terminal Building & East Tower								
Sitework & Underground - East								
8120	Install Site Paving from Wharf to Flood Wall	20	20	24-Jan-22	21-Feb-22	15-Aug-22	12-Sep-22	-203
West Plaza Tower & Bridge								
Sitework & Underground - West								
8950	Install Curb and Gutter with ADA Ramps	15	15	22-Feb-22	18-Mar-22	13-Sep-22	03-Oct-22	-199
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	21-Mar-22	15-Apr-22	04-Oct-22	31-Oct-22	-199
Permanent Barge								
5100	Open Permanent Berthing	0	0		07-Jun-22		17-Nov-22	-163
Wharf								
6064	Install Piles for Work Bridge (18 Piles)	4	4	25-Jun-21	28-Jun-21	31-Jan-22 A	04-Feb-22	-221
6072	Set Work Bridge Steel	2	2	29-Jun-21	01-Jul-21	05-Feb-22	06-Feb-22	-220
6074	Set Work Bridge Mats	1	1	02-Jul-21	02-Jul-21	07-Feb-22	07-Feb-22	-220
6076	Walk Crane Onto Work Bridge	1	1	06-Jul-21	06-Jul-21	08-Feb-22	08-Feb-22	-217
6002	Install Pile Template For Steel Piles	1	1	07-Jul-21	19-Jul-21	09-Feb-22	09-Feb-22	-205
6004	Install Steel Piles (47 Piles)	8	8	20-Jul-21	30-Jul-21	09-Feb-22	16-Feb-22	-201
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	02-Aug-21	31-Aug-21	17-Feb-22	25-Mar-22	-206
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	01-Sep-21	17-Sep-21	28-Mar-22	12-Apr-22	-207
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	20-Sep-21	20-Sep-21	13-Apr-22	13-Apr-22	-205
6090	Set Hollow Core Panels Phase 1	18	18	21-Sep-21	14-Oct-21	14-Apr-22	09-May-22	-207
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	15-Oct-21	08-Nov-21	10-May-22	02-Jun-22	-206
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	09-Nov-21	19-Nov-21	03-Jun-22	15-Jun-22	-208
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	22-Nov-21	22-Nov-21	16-Jun-22	16-Jun-22	-206
6100	Set Hollow Core Panels Phase 2	13	13	23-Nov-21	13-Dec-21	17-Jun-22	06-Jul-22	-205



Run Date: 04-Mar-22
Data Date: 01-Feb-22
Start Date: 10-Sep-20
Finish Date: 09-Feb-23
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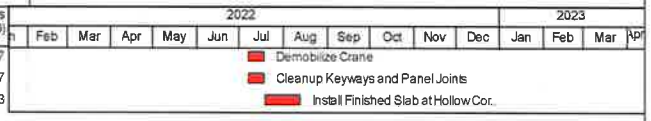
APC Construction Company, LLC

Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-17V01_January 2022 Progress Update

Critical Path - Variance: BL vs Update

Activity ID	Activity Name	Original Duration	Remaining Duration	BL Project Start	BL Project Finish	Updated Start	Updated Finish	Variance vs BL (CD)
6110	Demobilize Crane	8	8	14-Dec-21	23-Dec-21	07-Jul-22	18-Jul-22	-207
6130	Cleanup Keyways and Panel Joints	8	8	14-Dec-21	23-Dec-21	07-Jul-22	18-Jul-22	-207
6030	Install Finished Slab at Hollow Core	19	19	27-Dec-21	21-Jan-22	19-Jul-22	12-Aug-22	-203



Run Date: 04-Mar-22
Data Date: 01-Feb-22
Start Date: 10-Sep-20
Finish Date: 09-Feb-23
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woodward design-build

APC Construction Company, LLC

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Appendix B

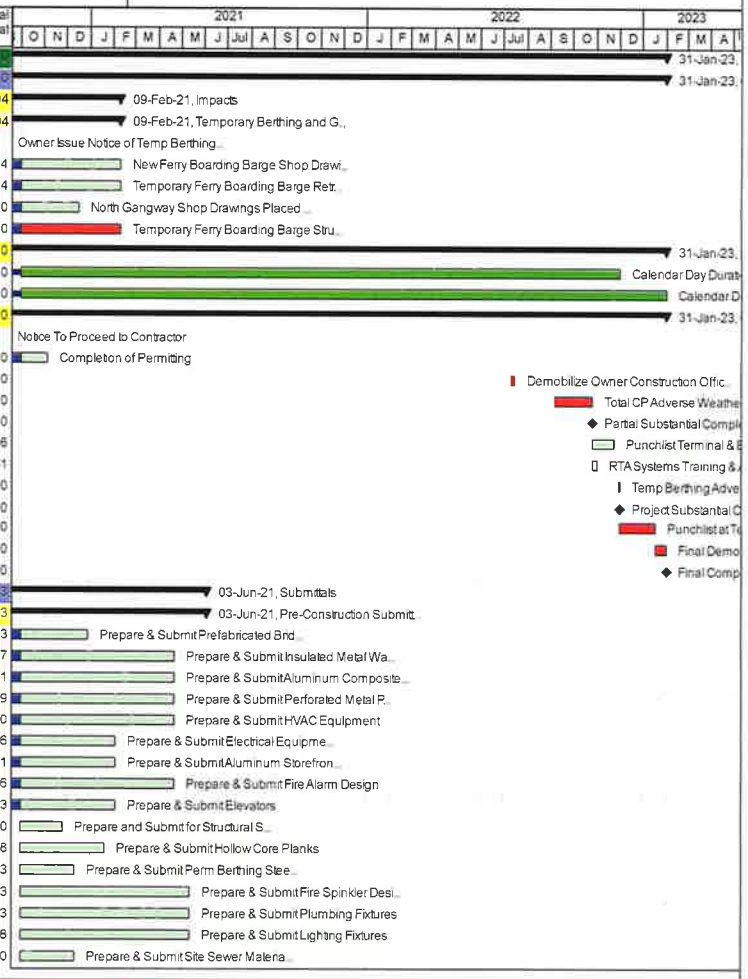
Updates 1-4: Full Schedule View

Update 1 – Full Schedule

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP01V01_September 2020 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
General		595	580		10-Sep-20 A	31-Jan-23	0
Impacts		0	132		11-Sep-20 A	09-Feb-21	104
Temporary Berthing and Gangway Re-Design		0	132		11-Sep-20 A	09-Feb-21	104
Impact-1000	Owner Issue Notice of Temp Berthing Re-Design	0	0	100%	11-Sep-20 A		
Impact-1001	New Ferry Boarding Barge Shop Drawings Placed on Hold	0	132	0%	11-Sep-20 A	09-Feb-21	64
Impact-1002	Temporary Ferry Boarding Barge Retrofit Placed on Hold	0	132	0%	11-Sep-20 A	09-Feb-21	104
Impact-1003	North Gangway Shop Drawings Placed on Hold	0	76	0%	11-Sep-20 A	15-Dec-20	50
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Ho	0	132	0%	11-Sep-20 A	09-Feb-21	0
Duration Hammock		730	853		10-Sep-20 A	31-Jan-23	0
A1000	Calendar Day Duration to Substantial Completion (670)	670	791	0%	10-Sep-20 A	30-Nov-22	0
A1010	Calendar Day Duration to Final Completion (730)	730	853	0%	10-Sep-20 A	31-Jan-23	0
Construction Milestones		595	580		10-Sep-20 A	31-Jan-23	0
3030	Notice To Proceed to Contractor	0	0	100%	10-Sep-20 A		
3190	Completion of Permitting	27	25	0%	10-Sep-20 A	04-Nov-20	150
2340	Demobilize Owner Construction Office	4	4	0%	12-Jul-22	15-Jul-22	0
3140	Total CP Adverse Weather Days - 36 workdays	36	36	0%	06-Sep-22	25-Oct-22	0
3050	Partial Substantial Completion -Terminal & Barge	0	0	0%		25-Oct-22	0
3080	Punchlist Terminal & Barge	20	20	0%	26-Oct-22	22-Nov-22	46
3160	RTA Systems Training & Acceptance	5	5	0%	26-Oct-22	01-Nov-22	61
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	0%	29-Nov-22	30-Nov-22	0
3170	Project Substantial Completion	0	0	0%		30-Nov-22	0
3150	Punchlist at Temporary Berthing	32	32	0%	01-Dec-22	17-Jan-23	0
3280	Final Demob from Site	10	10	0%	18-Jan-23	31-Jan-23	0
3090	Final Completion	0	0	0%		31-Jan-23	0
Submittals		165	165		10-Sep-20 A	03-Jun-21	293
Pre-Construction Submittals		165	165		10-Sep-20 A	03-Jun-21	293
2430	Prepare & Submit Prefabricated Bridge	75	60	20%	10-Sep-20 A	29-Dec-20	213
2450	Prepare & Submit Insulated Metal Wall Panels	150	135	10%	10-Sep-20 A	21-Apr-21	247
2470	Prepare & Submit Aluminum Composite Wall Panels	150	135	10%	10-Sep-20 A	21-Apr-21	251
2490	Prepare & Submit Perforated Metal Panels	150	135	10%	10-Sep-20 A	21-Apr-21	249
2510	Prepare & Submit HVAC Equipment	150	135	10%	10-Sep-20 A	21-Apr-21	270
2530	Prepare & Submit Electrical Equipment	100	85	15%	10-Sep-20 A	03-Feb-21	266
2550	Prepare & Submit Aluminum Storefront & Doors	100	85	15%	10-Sep-20 A	03-Feb-21	291
2570	Prepare & Submit Fire Alarm Design	150	135	10%	10-Sep-20 A	21-Apr-21	226
2590	Prepare & Submit Elevators	100	85	15%	10-Sep-20 A	03-Feb-21	283
2310	Prepare and Submit for Structural Steel	40	40	0%	01-Oct-20	25-Nov-20	300
2390	Prepare & Submit Hollow Core Planks	75	75	0%	01-Oct-20	20-Jan-21	208
2410	Prepare & Submit Perm Berthing Steel Boarding Structures	50	50	0%	01-Oct-20	11-Dec-20	283
2610	Prepare & Submit Fire Spinkler Design	150	150	0%	01-Oct-20	12-May-21	293
2650	Prepare & Submit Plumbing Fixtures	150	150	0%	01-Oct-20	12-May-21	283
2670	Prepare & Submit Lighting Fixtures	150	150	0%	01-Oct-20	12-May-21	248
2690	Prepare & Submit Site Sewer Materials	50	50	0%	01-Oct-20	11-Dec-20	220



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APC Construction Company, LLC

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RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP01V01_September 2020 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2710	Prepare & Submit Site Water Materials	50	50	0%	01-Oct-20	11-Dec-20	182
2730	Prepare & Submit Storm Drain Materials	50	50	0%	01-Oct-20	11-Dec-20	210
2210	Prepare & Submit Temporary Steel Piling - 16" & 42"	5	5	0%	08-Oct-20*	14-Oct-20	133
2200	Review and Approve Temporary Steel Piling - 16" & 42"	15	15	0%	15-Oct-20	04-Nov-20	133
2330	16" Wharf Approach Pile Roll Date	0	0	0%	05-Nov-20		153
8970	Prepare & Submit Production Steel Piling - 14"	5	5	0%	05-Nov-20	11-Nov-20	133
8980	Review and Approve Production Steel Piling - 14"	15	15	0%	12-Nov-20	04-Dec-20	133
2320	Review and Approve Structural Steel	15	15	0%	30-Nov-20	18-Dec-20	300
2190	14" Wharf Steel Piling Manufacturing Date	0	0	0%	07-Dec-20		133
2420	Review and Approve Perm Berthing Steel Boarding Structures	15	15	0%	14-Dec-20	06-Jan-21	283
2700	Review and Approve Site Sewer Materials	15	15	0%	14-Dec-20	06-Jan-21	220
2720	Review and Approve Site Water Materials	15	15	0%	14-Dec-20	06-Jan-21	182
2740	Review and Approve Storm Drain Materials	15	15	0%	14-Dec-20	06-Jan-21	210
2130	Prepare & Submit for Temp Barge Gangway	30	30	0%	16-Dec-20	29-Jan-21	33
2440	Review and Approve Prefabricated Bridge	15	15	0%	30-Dec-20	20-Jan-21	213
2400	Review and Approve Hollow Core Planks	15	15	0%	21-Jan-21	11-Feb-21	208
2240	Review and Approve Temp Barge Gangway	15	15	0%	01-Feb-21	25-Feb-21	33
2540	Review and Approve Electrical Equipment	15	15	0%	04-Feb-21	02-Mar-21	266
2560	Review and Approve Aluminum Storefront and Doors	15	15	0%	04-Feb-21	02-Mar-21	291
2600	Review and Approve Elevators	15	15	0%	04-Feb-21	02-Mar-21	283
2250	Prepare & Submi Berthing Steel Boarding Structures	25	25	0%	10-Feb-21	19-Mar-21	45
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	30	0%	10-Feb-21	26-Mar-21	0
2630	Prepare & Submit New Permanent Barge	45	45	0%	10-Feb-21	19-Apr-21	120
2270	Review and Approve Temp Berthing Steel Boarding Structures	15	15	0%	22-Mar-21	12-Apr-21	45
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	15	0%	29-Mar-21	19-Apr-21	0
2640	Review and Approve New Permanent Barge	15	15	0%	20-Apr-21	10-May-21	120
2460	Review and Approve Insulated Metal Wall Panels	15	15	0%	22-Apr-21	12-May-21	247
2480	Review and Approve Aluminum Composite Wall Panels	15	15	0%	22-Apr-21	12-May-21	251
2500	Review and Approve Perforated metal Panels	15	15	0%	22-Apr-21	12-May-21	249
2520	Review and Approve HVAC Equipment	15	15	0%	22-Apr-21	12-May-21	270
2580	Review and Approve Fire Alarm Design	15	15	0%	22-Apr-21	12-May-21	226
2620	Review and Approve Fire Sprinkler Design	15	15	0%	13-May-21	03-Jun-21	293
2660	Review and Approve Plumbing Fixtures	15	15	0%	13-May-21	03-Jun-21	283
2680	Review and Approve Lighting Fixtures	15	15	0%	13-May-21	03-Jun-21	248
Procurement/Fabrication		362	362		01-Dec-20	24-May-22	66
2180	Procure Steel Piling - 42" & 16"	15	15	0%	07-Dec-20	29-Dec-20	133
2230	Procure Production Piles - 14"	30	30	0%	07-Dec-20	20-Jan-21	194
7300	Fabricate Structural Steel Dry Side	31	31	0%	21-Dec-20	04-Feb-21	300
2960	Fabricate Perm Berthing Steel Boarding Structures	50	50	0%	07-Jan-21	23-Mar-21	283
3250	Procure Site Sewer Materials	10	10	0%	07-Jan-21	20-Jan-21	220
3260	Procure Site Water Materials	10	10	0%	07-Jan-21	20-Jan-21	182
3270	Procure Storm Drain Materials	10	10	0%	07-Jan-21	20-Jan-21	210
7440	Pre-Fab Bridge: Shop Cuts Lists / Material Ordering	20	20	0%	21-Jan-21	23-Feb-21	213

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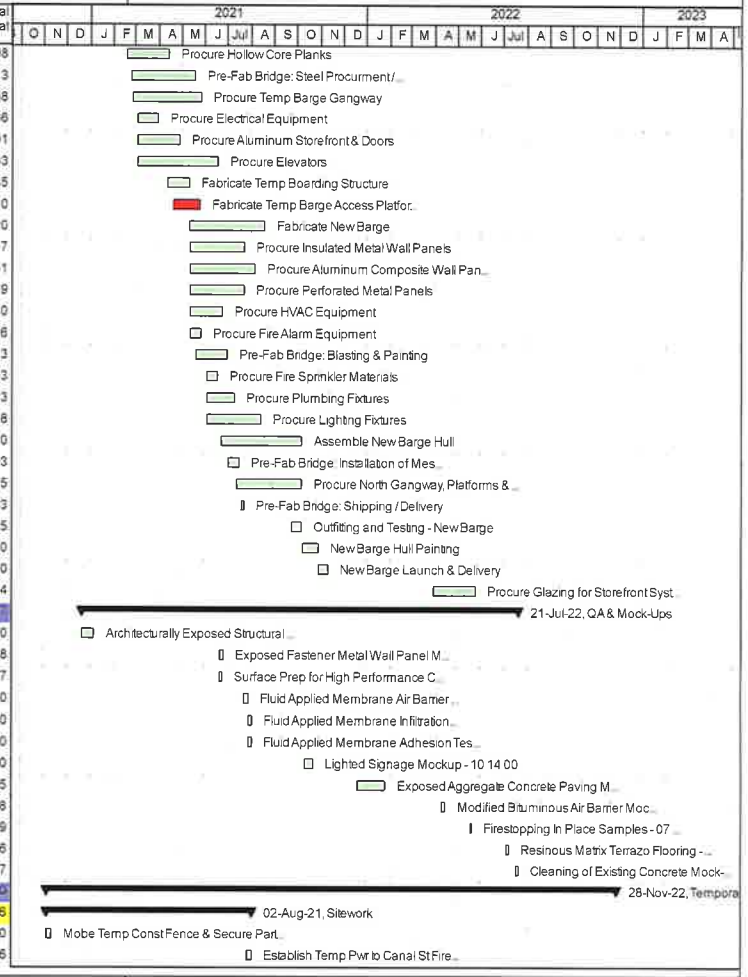
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP01V01_September 2020 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2950	Procure Hollow Core Planks	40	40	0%	17-Feb-21	14-Apr-21	208
7442	Pre-Fab Bridge: Steel Procurment/Fabrication	60	60	0%	24-Feb-21	19-May-21	213
2140	Procure Temp Barge Gangway	91	91	0%	26-Feb-21	27-May-21	48
3010	Procure Electrical Equipment	20	20	0%	03-Mar-21	30-Mar-21	266
3020	Procure Aluminum Storefront & Doors	40	40	0%	03-Mar-21	28-Apr-21	291
3210	Procure Elevators	75	75	0%	03-Mar-21	17-Jun-21	283
2120	Fabricate Temp Boarding Structure	20	20	0%	13-Apr-21	10-May-21	45
2040	Fabricate Temp Barge Access Platform & Ramp	25	25	0%	20-Apr-21	24-May-21	0
5000	Fabricate New Barge	70	70	0%	11-May-21	18-Aug-21	120
2970	Procure Insulated Metal Wall Panels	50	50	0%	13-May-21	23-Jul-21	247
2980	Procure Aluminum Composite Wall Panels	60	60	0%	13-May-21	06-Aug-21	251
2990	Procure Perforated Metal Panels	50	50	0%	13-May-21	23-Jul-21	249
3000	Procure HVAC Equipment	30	30	0%	13-May-21	24-Jun-21	270
3200	Procure Fire Alarm Equipment	10	10	0%	13-May-21	26-May-21	226
7444	Pre-Fab Bridge: Blasting & Painting	30	30	0%	20-May-21	01-Jul-21	213
3220	Procure Fire Sprinkler Materials	10	10	0%	04-Jun-21	17-Jun-21	293
3230	Procure Plumbing Fixtures	25	25	0%	04-Jun-21	09-Jul-21	283
3240	Procure Lighting Fixtures	50	50	0%	04-Jun-21	13-Aug-21	246
5001	Assemble New Barge Hull	75	75	0%	23-Jun-21	07-Oct-21	120
7446	Pre-Fab Bridge: Installation of Mesh Panels	10	10	0%	02-Jul-21	16-Jul-21	213
5060	Procure North Gangway, Platforms & Support Structures	62	62	0%	13-Jul-21	07-Oct-21	145
7448	Pre-Fab Bridge: Shipping / Delivery	4	4	0%	19-Jul-21	22-Jul-21	213
5002	Outfitting and Testing - New Barge	10	10	0%	24-Sep-21	07-Oct-21	145
5003	New Barge Hull Painting	15	15	0%	08-Oct-21	28-Oct-21	120
5004	New Barge Launch & Delivery	10	10	0%	29-Oct-21	11-Nov-21	120
7860	Procure Glazing for Storefront System	40	40	0%	30-Mar-22	24-May-22	34
QA & Mock-Ups		392	392		21-Dec-20	21-Jul-22	27
QA1030	Architecturally Exposed Structural Steel Mock-Ups - 05 12 13	10	10	0%	21-Dec-20	06-Jan-21	300
QA1080	Exposed Fastener Metal Wall Panel Mockup - 07 42 14	5	5	0%	21-Jun-21	25-Jun-21	268
QA1110	Surface Prep for High Performance Coating Mockup - 09 96 00	4	4	0%	21-Jun-21	24-Jun-21	247
QA1050	Fluid Applied Membrane Air Barrier Mockup - 07 27 26	5	5	0%	22-Jul-21	28-Jul-21	210
QA1060	Fluid Applied Membrane Infiltration Testing of Mockup - 07 27 26	3	3	0%	29-Jul-21	02-Aug-21	210
QA1070	Fluid Applied Membrane Adhesion Testing of Mockup - 07 27 26	3	3	0%	29-Jul-21	02-Aug-21	210
QA1120	Lighted Signage Mockup - 10 14 00	10	10	0%	11-Oct-21	22-Oct-21	210
QA1130	Exposed Aggregate Concrete Paving Mockup - 32 13 13	25	25	0%	21-Dec-21	26-Jan-22	95
QA1040	Modified Bituminous Air Barrier Mock-Up - 07 27 13	4	4	0%	11-Apr-22	14-Apr-22	38
QA1090	Firestopping In Place Samples - 07 84 00	2	2	0%	19-May-22	20-May-22	49
QA1100	Resinous Matrix Terrazo Flooring - 09 66 23	4	4	0%	05-Jul-22	08-Jul-22	26
QA1020	Cleaning of Existing Concrete Mock-Up - 03 01 35	4	4	0%	18-Jul-22	21-Jul-22	27
Temporary Work		511	511		05-Nov-20	28-Nov-22	0
Sitework		181	181		05-Nov-20	02-Aug-21	46
2080	Mobe Temp Const Fence & Secure Partial Site	5	5	0%	05-Nov-20	11-Nov-20	150
2090	Establish Temp Pwr to Canal St Fire Pump	5	5	0%	27-Jul-21	02-Aug-21	46



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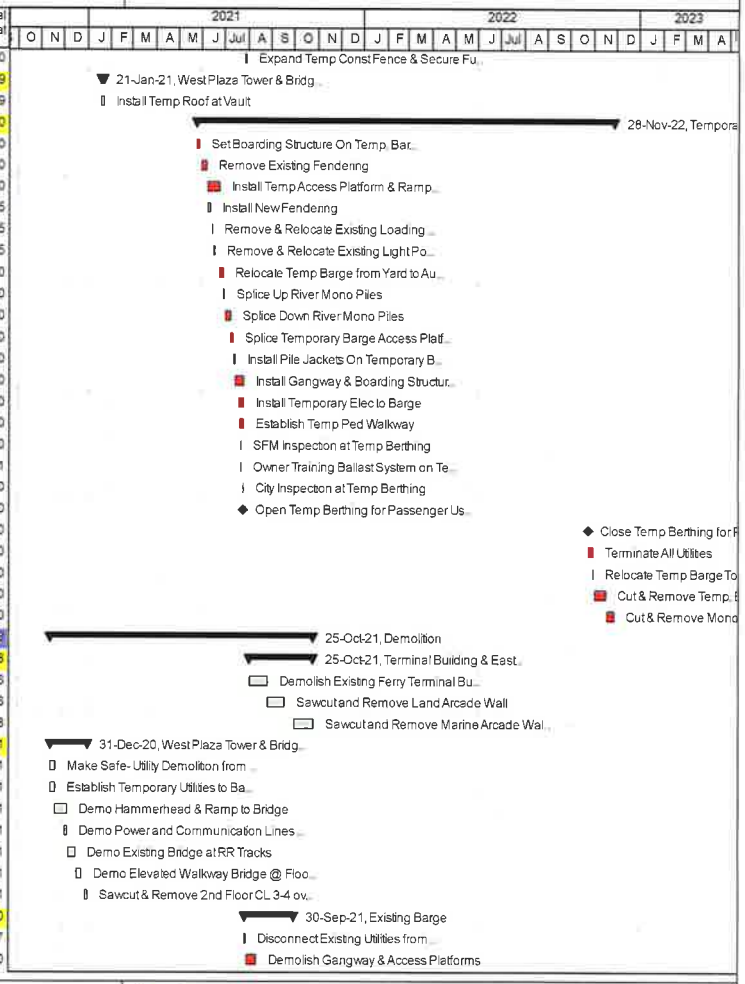
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP01V01_September 2020 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2290	Expand Temp Const Fence & Secure Full Site	3	3	0%	27-Jul-21	29-Jul-21	0
West Plaza Tower & Bridge		3	3		19-Jan-21	21-Jan-21	399
2110	Install Temp Roof at Vault	3	3	0%	19-Jan-21	21-Jan-21	399
Temporary Barge		378	378		25-May-21	28-Nov-22	0
2032	Set Boarding Structure On Temp. Barge	4	4	0%	25-May-21	28-May-21	0
2350	Remove Existing Fendering	5	5	0%	01-Jun-21	07-Jun-21	0
2050	Install Temp Access Platform & Ramp on Barge	13	13	0%	08-Jun-21	24-Jun-21	0
2360	Install New Fendering	4	4	0%	08-Jun-21	11-Jun-21	5
2370	Remove & Relocate Existing Loading Plaform	2	2	0%	14-Jun-21	15-Jun-21	5
2380	Remove & Relocate Existing Light Pole	2	2	0%	16-Jun-21	17-Jun-21	5
2220	Relocate Temp Barge from Yard to Audubon	2	2	0%	25-Jun-21	28-Jun-21	0
2060	Splice Up River Mono Piles	3	3	0%	29-Jun-21	01-Jul-21	0
2300	Splice Down River Mono Piles	4	4	0%	02-Jul-21	08-Jul-21	0
2232	Splice Temporary Barge Access Platform Piles	2	2	0%	09-Jul-21	12-Jul-21	0
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	2	0%	13-Jul-21	14-Jul-21	0
2030	Install Gangway & Boarding Structure	8	8	0%	15-Jul-21	26-Jul-21	0
2150	Install Temporary Elec to Barge	6	6	0%	19-Jul-21	26-Jul-21	0
2020	Establish Temp Ped Walkway	4	4	0%	21-Jul-21	26-Jul-21	0
I1001	SFM Inspection at Temp Berthing	1	1	0%	23-Jul-21	23-Jul-21	0
I1011	Owner Training Ballast System on Temp Barge	1	1	0%	23-Jul-21	23-Jul-21	1
I1005	City Inspection at Temp Berthing	1	1	0%	26-Jul-21	26-Jul-21	0
2070	Open Temp Berthing for Passenger Use	0	0	0%		26-Jul-21	0
2170	Close Temp Berthing for Passenger Use	0	0	0%		25-Oct-22	0
2164	Terminate All Utilities	4	4	0%	26-Oct-22	31-Oct-22	0
2166	Relocate Temp Barge To RTA	1	1	0%	01-Nov-22	01-Nov-22	0
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	0%	02-Nov-22	17-Nov-22	0
2168	Cut & Remove Mono Piles	5	5	0%	18-Nov-22	28-Nov-22	0
Demolition		235	235		12-Nov-20	25-Oct-21	153
Terminal Building & East Tower		59	59		03-Aug-21	25-Oct-21	38
1040	Demolish Existing Ferry Terminal Building	18	18	0%	03-Aug-21	26-Aug-21	46
1110	Sawcut and Remove Land Arcade Wall	15	15	0%	27-Aug-21	17-Sep-21	46
1060	Sawcut and Remove Marine Arcade Wall	18	18	0%	30-Sep-21	25-Oct-21	38
West Plaza Tower & Bridge		32	32		12-Nov-20	31-Dec-20	171
1140	Make Safe- Utility Demolition from Building	5	5	0%	12-Nov-20	18-Nov-20	171
1160	Establish Temporary Utilities to Barge & Fire Pump	5	5	0%	12-Nov-20	18-Nov-20	171
1090	Demo Hammerhead & Ramp to Bridge	10	10	0%	19-Nov-20	04-Dec-20	171
1130	Demo Power and Communicaton Lines at OCS Pole	3	3	0%	02-Dec-20	04-Dec-20	171
1100	Demo Existing Bridge at RR Tracks	8	8	0%	07-Dec-20	16-Dec-20	171
1070	Demo Elevated Walkway Bridge @ Floodwall	5	5	0%	17-Dec-20	23-Dec-20	171
1080	Sawcut & Remove 2nd Floor CL 3-4 over Vault	4	4	0%	28-Dec-20	31-Dec-20	171
Existing Barge		47	47		27-Jul-21	30-Sep-21	170
1150	Disconnect Existing Utilities from Barge	2	2	0%	27-Jul-21	28-Jul-21	7
1020	Demolish Gangway & Access Platforms	10	10	0%	30-Jul-21	12-Aug-21	0



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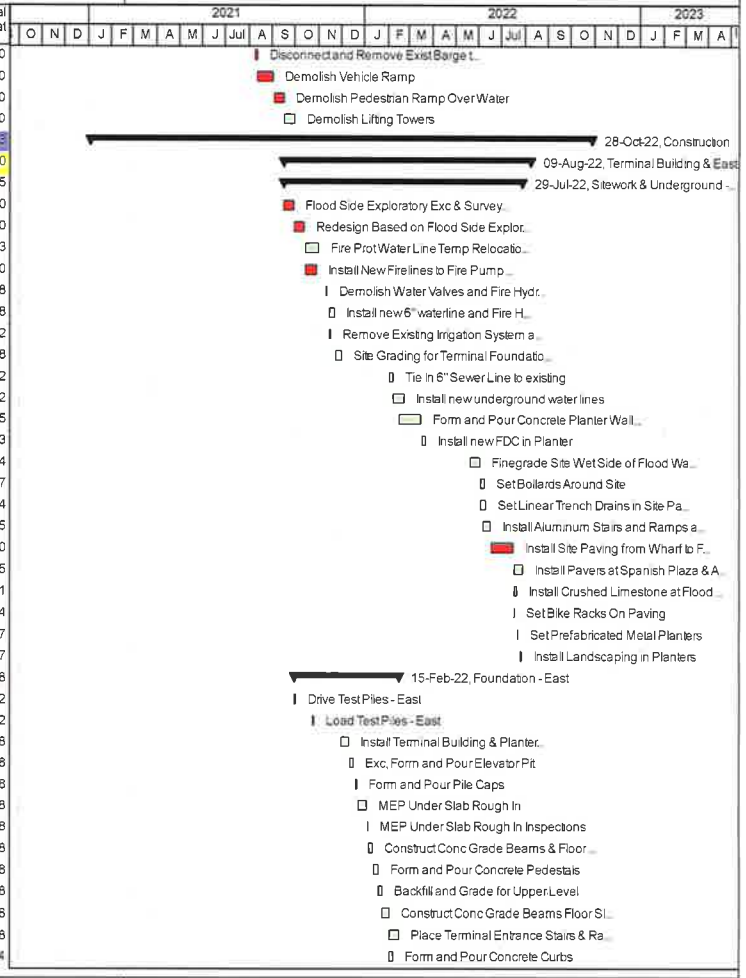
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	0%	09-Aug-21	12-Aug-21	0
1030	Demolish Vehicle Ramp	15	15	0%	13-Aug-21	02-Sep-21	0
1120	Demolish Pedestrian Ramp Over Water	9	9	0%	03-Sep-21	16-Sep-21	0
1050	Demolish Lifting Towers	10	10	0%	17-Sep-21	30-Sep-21	170
Construction		455	455		04-Jan-21	28-Oct-22	63
Terminal Building & East Tower		222	222		17-Sep-21	09-Aug-22	120
Sitework & Underground - East		215	215		17-Sep-21	29-Jul-22	25
8100	Flood Side Exploratory Exc & Survey Property	9	9	0%	17-Sep-21	29-Sep-21	0
8110	Redesign Based on Flood Side Exploration Results	10	10	0%	30-Sep-21	13-Oct-21	0
8080	Fire Prot Water Line Temp Relocation Wet Side	13	13	0%	14-Oct-21	01-Nov-21	33
7050	Install New Firelines to Fire Pump and Demolish Existing	12	12	0%	14-Oct-21	29-Oct-21	0
7550	Demolish Water Valves and Fire Hydrant	2	2	0%	11-Nov-21	12-Nov-21	18
7570	Install new 6" waterline and Fire Hydrant	6	6	0%	15-Nov-21	22-Nov-21	18
7610	Remove Existing Irrigation System and Cap	2	2	0%	15-Nov-21	16-Nov-21	22
7000	Site Grading for Terminal Foundation	5	5	0%	23-Nov-21	01-Dec-21	18
7600	Tie In 6" Sewer Line to existing	3	3	0%	03-Feb-22	07-Feb-22	62
7580	Install new underground water lines	10	10	0%	08-Feb-22	22-Feb-22	62
8000	Form and Pour Concrete Planter Walls	16	16	0%	16-Feb-22	16-Mar-22	65
7590	Install new FDC in Planter	4	4	0%	17-Mar-22	22-Mar-22	113
8060	Finegrade Site Wet Side of Flood Wall for Paving	9	9	0%	20-May-22	02-Jun-22	4
8150	Set Bollards Around Site	3	3	0%	03-Jun-22	07-Jun-22	7
8270	Set Linear Trench Drains in Site Paving	6	6	0%	03-Jun-22	10-Jun-22	4
8020	Install Aluminum Stairs and Ramps at Spanish Plaza	8	8	0%	07-Jun-22	16-Jun-22	55
8120	Install Site Paving from Wharf to Flood Wall	20	20	0%	17-Jun-22	15-Jul-22	0
8050	Install Pavers at Spanish Plaza & Arcade Wall	10	10	0%	18-Jul-22	29-Jul-22	25
8010	Install Crushed Limestone at Flood Wall	4	4	0%	18-Jul-22	21-Jul-22	31
8260	Set Bike Racks On Paving	1	1	0%	18-Jul-22	18-Jul-22	34
8090	Set Prefabricated Metal Planters	1	1	0%	22-Jul-22	22-Jul-22	27
8070	Install Landscaping in Planters	3	3	0%	25-Jul-22	27-Jul-22	27
Foundation - East		95	95		30-Sep-21	15-Feb-22	18
9160	Drive Test Piles - East	2	2	0%	30-Sep-21	01-Oct-21	42
9170	Load Test Piles - East	2	2	0%	25-Oct-21	26-Oct-21	42
7020	Install Terminal Building & Planter Timber Piles - 92 ea	7	7	0%	02-Dec-21	10-Dec-21	18
7620	Exc, Form and Pour Elevator Pit	5	5	0%	13-Dec-21	17-Dec-21	18
7630	Form and Pour Pile Caps	3	3	0%	20-Dec-21	22-Dec-21	18
7650	MEP Under Slab Rough In	7	7	0%	23-Dec-21	04-Jan-22	18
7660	MEP Under Slab Rough In Inspections	1	1	0%	05-Jan-22	05-Jan-22	18
7680	Construct Conc Grade Beams & Floor Slab Lower Level	5	5	0%	06-Jan-22	12-Jan-22	18
7640	Form and Pour Concrete Pedestals	5	5	0%	13-Jan-22	19-Jan-22	18
7670	Backfill and Grade for Upper Level	3	3	0%	20-Jan-22	24-Jan-22	18
7690	Construct Conc Grade Beams Floor Slab & Entrance Slab Upper Level	7	7	0%	25-Jan-22	02-Feb-22	18
7040	Place Terminal Entrance Stairs & Ramp	9	9	0%	03-Feb-22	15-Feb-22	18
7700	Form and Pour Concrete Curbs	3	3	0%	03-Feb-22	07-Feb-22	24



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APC Construction Company, LLC

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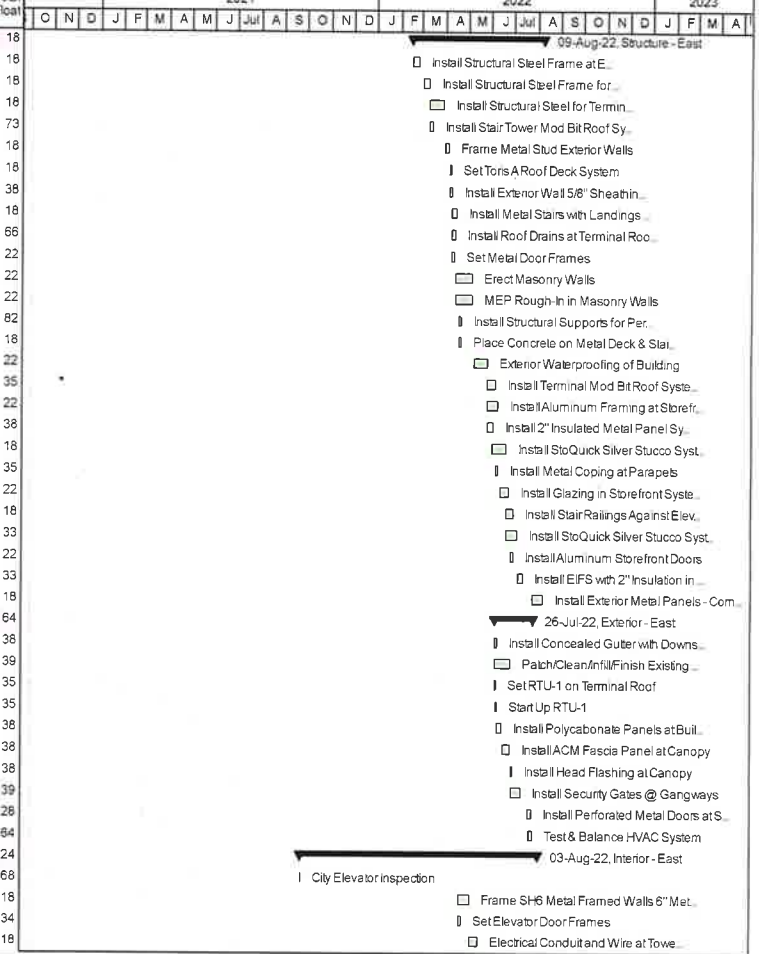
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP01V01_September 2020 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
Structure - East		118	118		16-Feb-22	09-Aug-22	18
7710	Install Structural Steel Frame at Elevator Shaft	5	5	0%	16-Feb-22	23-Feb-22	18
7740	Install Structural Steel Frame for Plaza Tower w/ Decking	6	6	0%	02-Mar-22	09-Mar-22	18
7720	Install Structural Steel for Terminal Building	14	14	0%	10-Mar-22	29-Mar-22	18
7910	Install Stair Tower Mod Bit Roof System w/ Insulation	3	3	0%	10-Mar-22	14-Mar-22	73
7800	Frame Metal Stud Exterior Walls	4	4	0%	30-Mar-22	04-Apr-22	18
7730	Set Toris A Roof Deck System	3	3	0%	05-Apr-22	07-Apr-22	18
7810	Install Exterior Wall 5/8" Sheathing	4	4	0%	05-Apr-22	08-Apr-22	38
7760	Install Metal Stairs with Landings and Rails	6	6	0%	08-Apr-22	15-Apr-22	18
7830	Install Roof Drains at Terminal Roof	4	4	0%	08-Apr-22	13-Apr-22	66
7030	Set Metal Door Frames	3	3	0%	08-Apr-22	12-Apr-22	22
7070	Erect Masonry Walls	18	18	0%	13-Apr-22	06-May-22	22
8580	MEP Rough-In in Masonry Walls	18	18	0%	13-Apr-22	06-May-22	22
7750	Install Structural Supports for Perforated Panels	4	4	0%	18-Apr-22	21-Apr-22	82
7790	Place Concrete on Metal Deck & Stairs	4	4	0%	18-Apr-22	21-Apr-22	18
7280	Exterior Waterproofing of Building	14	14	0%	09-May-22	26-May-22	22
7150	Install Terminal Mod Bit Roof System with Insulation	6	6	0%	27-May-22	06-Jun-22	35
7850	Install Aluminum Framing at Storefront System	10	10	0%	27-May-22	10-Jun-22	22
7940	Install 2" Insulated Metal Panel System at Terminal	5	5	0%	27-May-22	03-Jun-22	38
7400	Install StoQuick Silver Stucco System on Shaft	14	14	0%	01-Jun-22	20-Jun-22	18
7900	Install Metal Coping at Parapets	4	4	0%	07-Jun-22	10-Jun-22	35
7670	Install Glazing in Storefront System	10	10	0%	13-Jun-22	24-Jun-22	22
7770	Install Stair Railings Against Elevator Shaft	8	8	0%	21-Jun-22	30-Jun-22	18
7950	Install StoQuick Silver Stucco System at Ceiling	10	10	0%	21-Jun-22	05-Jul-22	33
7860	Install Aluminum Storefront Doors	4	4	0%	27-Jun-22	30-Jun-22	22
7960	Install EIFS with 2" Insulation in Stairwell at Block Wall	6	6	0%	06-Jul-22	13-Jul-22	33
7220	Install Exterior Metal Panels - Comp. & Perf.	12	12	0%	25-Jul-22	09-Aug-22	18
Exterior - East		36	36		06-Jun-22	26-Jul-22	64
7840	Install Concealed Gutter with Downspouts	4	4	0%	06-Jun-22	09-Jun-22	38
8040	Patch/Clean/Infill/Finish Existing Arcade Wall	15	15	0%	07-Jun-22	27-Jun-22	39
8460	Set RTU-1 on Terminal Roof	1	1	0%	07-Jun-22	07-Jun-22	35
8470	Start Up RTU-1	3	3	0%	08-Jun-22	10-Jun-22	35
8990	Install Polycabonate Panels at Building Canopy	5	5	0%	10-Jun-22	16-Jun-22	38
7890	Install ACM Fascia Panel at Canopy	7	7	0%	17-Jun-22	27-Jun-22	38
7620	Install Head Flashing at Canopy	3	3	0%	28-Jun-22	30-Jun-22	38
7140	Install Security Gates @ Gangways	8	8	0%	29-Jun-22	11-Jul-22	39
7920	Install Perforated Metal Doors at Stairwell	3	3	0%	21-Jul-22	25-Jul-22	28
9150	Test & Balance HVAC System	3	3	0%	22-Jul-22	26-Jul-22	64
Interior - East		213	213		24-Sep-21	03-Aug-22	124
I1010	City Elevator Inspection	1	1	0%	24-Sep-21	24-Sep-21	268
9080	Frame SH6 Metal Framed Walls 6" Metal Studs with Shaft Liner Board at Tov	10	10	0%	22-Apr-22	05-May-22	18
9120	Set Elevator Door Frames	2	2	0%	22-Apr-22	25-Apr-22	34
9090	Electrical Conduit and Wire at Tower	8	8	0%	06-May-22	17-May-22	18



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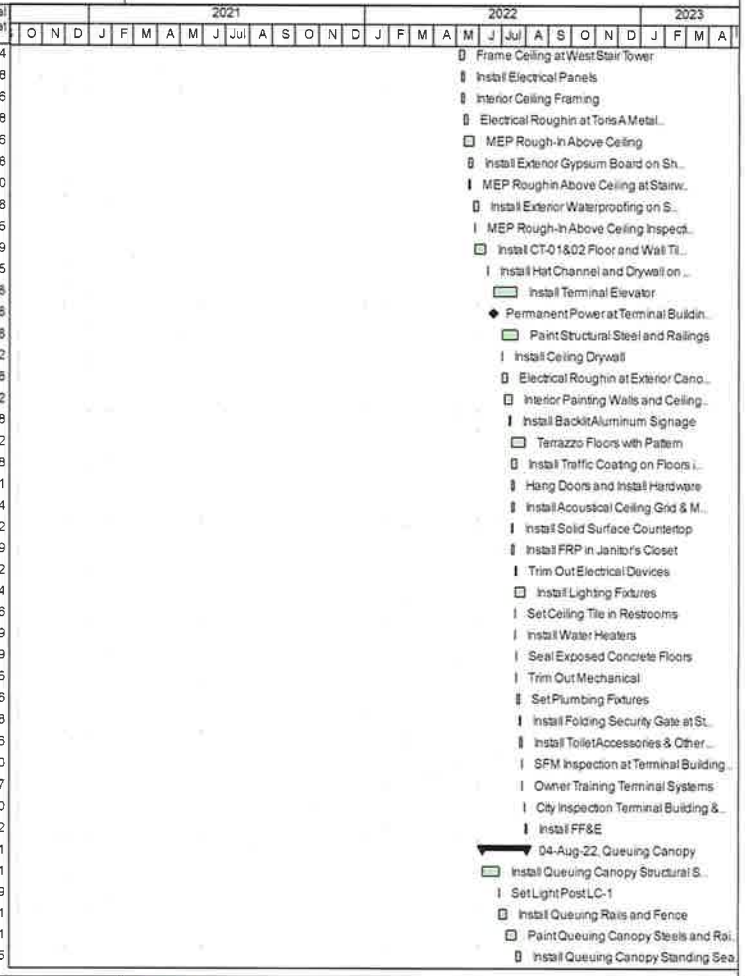
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
9100	Frame Ceiling at West Stair Tower	4	4	0%	06-May-22	11-May-22	54
8480	Install Electrical Panels	3	3	0%	09-May-22	11-May-22	118
9020	Interior Ceiling Framing	3	3	0%	09-May-22	11-May-22	46
8030	Electrical Roughin at Toris A Metal Decking	3	3	0%	12-May-22	16-May-22	118
8370	MEP Rough-In Above Ceiling	10	10	0%	12-May-22	25-May-22	46
9130	Install Exterior Gypsum Board on Shaft Walls	4	4	0%	18-May-22	23-May-22	18
9110	MEP Roughin Above Ceiling at Stairwell	2	2	0%	18-May-22	19-May-22	50
9140	Install Exterior Waterproofing on Shaft Walls	5	5	0%	24-May-22	31-May-22	18
8380	MEP Rough-In Above Ceiling Inspection	1	1	0%	26-May-22	26-May-22	46
8280	Install CT-01&02 Floor and Wall Tile in Restrooms	10	10	0%	27-May-22	10-Jun-22	49
7980	Install Hat Channel and Drywall on Masonry Walls	1	1	0%	13-Jun-22	13-Jun-22	35
7200	Install Terminal Elevator	21	21	0%	21-Jun-22	20-Jul-22	68
7530	Permanent Power at Terminal Building	0	0	0%	21-Jun-22		68
7780	Paint Structural Steel and Railings	15	15	0%	01-Jul-22	22-Jul-22	18
8390	Install Ceiling Drywall	1	1	0%	01-Jul-22	01-Jul-22	22
8410	Electrical Roughin at Exterior Canopy	5	5	0%	01-Jul-22	08-Jul-22	38
7990	Interior Painting Walls and Ceilings	8	8	0%	05-Jul-22	14-Jul-22	22
7970	Install Backlit Aluminum Signage	2	2	0%	11-Jul-22	12-Jul-22	38
7190	Terrazzo Floors with Pattern	12	12	0%	15-Jul-22	01-Aug-22	22
8300	Install Traffic Coating on Floors in Stairwell	4	4	0%	15-Jul-22	20-Jul-22	28
8310	Hang Doors and Install Hardware	2	2	0%	15-Jul-22	18-Jul-22	31
8360	Install Acoustical Ceiling Grid & Metal Framing	2	2	0%	15-Jul-22	18-Jul-22	24
8430	Install Solid Surface Countertop	1	1	0%	15-Jul-22	15-Jul-22	32
8440	Install FRP in Janitor's Closet	2	2	0%	15-Jul-22	18-Jul-22	29
8340	Trim Out Electrical Devices	2	2	0%	19-Jul-22	20-Jul-22	32
8350	Install Lighting Fixtures	10	10	0%	19-Jul-22	01-Aug-22	24
8420	Set Ceiling Tile in Restrooms	1	1	0%	19-Jul-22	19-Jul-22	26
8450	Install Water Heaters	1	1	0%	19-Jul-22	19-Jul-22	29
8290	Seal Exposed Concrete Floors	2	2	0%	20-Jul-22	21-Jul-22	29
8400	Trim Out Mechanical	2	2	0%	20-Jul-22	21-Jul-22	26
8320	Set Plumbing Fixtures	2	2	0%	22-Jul-22	25-Jul-22	26
7930	Install Folding Security Gate at Stairwell	1	1	0%	26-Jul-22	26-Jul-22	28
8330	Install Toilet Accessories & Other Specialties	3	3	0%	26-Jul-22	28-Jul-22	26
I1004	SFM Inspection at Terminal Building & Towers	1	1	0%	29-Jul-22	29-Jul-22	60
I1009	Owner Training Terminal Systems	1	1	0%	29-Jul-22	29-Jul-22	127
I1008	City Inspection Terminal Building & Towers	1	1	0%	01-Aug-22	01-Aug-22	60
8490	Install FF&E	2	2	0%	02-Aug-22	03-Aug-22	22
Queuing Canopy		43	43		06-Jun-22	04-Aug-22	21
7100	Install Queuing Canopy Structural Steel	17	17	0%	06-Jun-22	28-Jun-22	21
8500	Set Light Post LC-1	1	1	0%	29-Jun-22	29-Jun-22	39
8510	Install Queuing Rails and Fence	6	6	0%	29-Jun-22	07-Jul-22	21
8520	Paint Queuing Canopy Steels and Rails	9	9	0%	08-Jul-22	20-Jul-22	21
8530	Install Queuing Canopy Standing Seam Mtl Roof	4	4	0%	21-Jul-22	26-Jul-22	25



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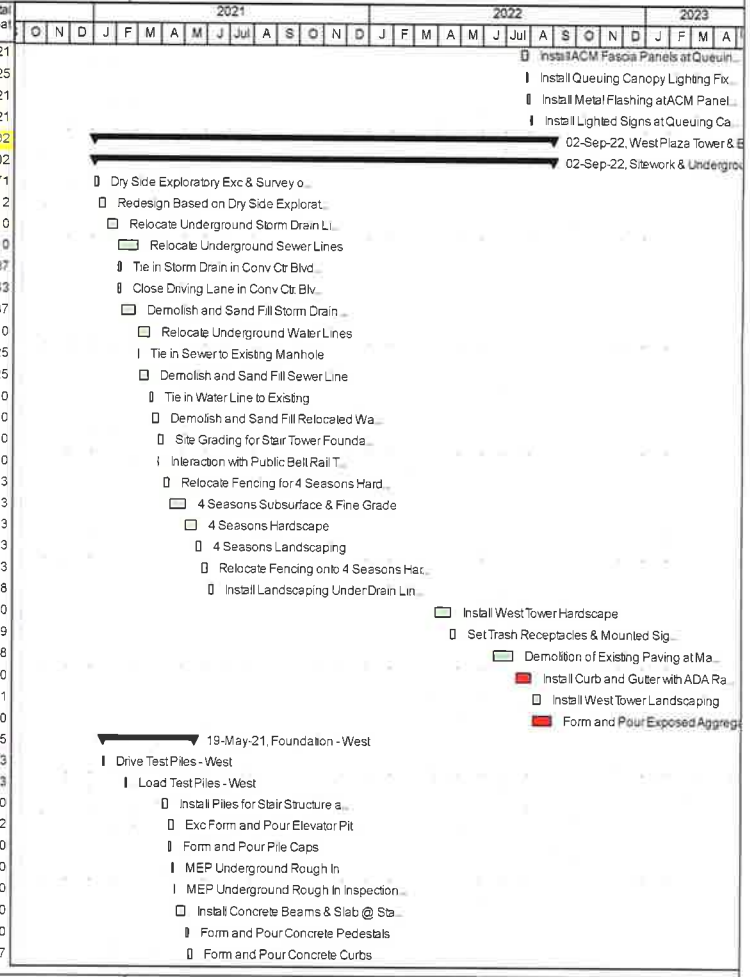
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8540	Install ACM Fascia Panels at Queuing Canopy	6	6	0%	21-Jul-22	28-Jul-22	21
8550	Install Queuing Canopy Lighting Fixtures	3	3	0%	27-Jul-22	29-Jul-22	25
8560	Install Metal Flashing at ACM Panels	2	2	0%	29-Jul-22	01-Aug-22	21
8570	Install Lighted Signs at Queuing Canopy	3	3	0%	02-Aug-22	04-Aug-22	21
West Plaza Tower & Bridge		416	416		04-Jan-21	02-Sep-22	102
Sitework & Underground - West		416	416		04-Jan-21	02-Sep-22	102
8130	Dry Side Exploratory Exc & Survey of Property	5	5	0%	04-Jan-21	08-Jan-21	171
8140	Redesign Based on Dry Side Exploration Results	6	6	0%	11-Jan-21	18-Jan-21	212
8200	Relocate Underground Storm Drain Lines	10	10	0%	21-Jan-21	03-Feb-21	210
8190	Relocate Underground Sewer Lines	15	15	0%	04-Feb-21	02-Mar-21	210
8220	Tie in Storm Drain in Conv Ctr Blvd.	2	2	0%	04-Feb-21	08-Feb-21	237
8230	Close Driving Lane in Conv Ctr Blvd.	2	2	0%	04-Feb-21	08-Feb-21	243
8170	Demolish and Sand Fill Storm Drain Lines	11	11	0%	09-Feb-21	26-Feb-21	237
8180	Relocate Underground Water Lines	12	12	0%	03-Mar-21	18-Mar-21	210
8240	Tie in Sewer to Existing Manhole	2	2	0%	03-Mar-21	04-Mar-21	225
8160	Demolish and Sand Fill Sewer Line	8	8	0%	05-Mar-21	16-Mar-21	225
8250	Tie in Water Line to Existing	2	2	0%	19-Mar-21	22-Mar-21	210
8210	Demolish and Sand Fill Relocated Water Line	6	6	0%	23-Mar-21	30-Mar-21	210
7010	Site Grading for Stair Tower Foundation	5	5	0%	31-Mar-21	06-Apr-21	210
7380	Interaction with Public Belt Rail Traffic	0	0	0%	31-Mar-21	31-Mar-21	460
7460	Relocate Fencing for 4 Seasons Hardscape Work	5	5	0%	07-Apr-21	14-Apr-21	273
7500	4 Seasons Subsurface & Fine Grade	15	15	0%	15-Apr-21	05-May-21	273
7502	4 Seasons Hardscape	11	11	0%	06-May-21	20-May-21	273
7504	4 Seasons Landscaping	5	5	0%	21-May-21	27-May-21	273
7490	Relocate Fencing onto 4 Seasons Hardscape	5	5	0%	28-May-21	04-Jun-21	273
8960	Install Landscaping Under Drain Lines	5	5	0%	07-Jun-21	11-Jun-21	298
7470	Install West Tower Hardscape	15	15	0%	01-Apr-22	21-Apr-22	70
5080	Set Trash Receptacles & Mounted Signs	5	5	0%	22-Apr-22	28-Apr-22	89
8930	Demolition of Existing Paving at Main Entrance	17	17	0%	17-Jun-22	12-Jul-22	18
8950	Install Curb and Gutter with ADA Ramps	15	15	0%	18-Jul-22	05-Aug-22	0
7480	Install West Tower Landscaping	9	9	0%	08-Aug-22	18-Aug-22	11
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	0%	08-Aug-22	02-Sep-22	0
Foundation - West		82	82		19-Jan-21	19-May-21	215
7226	Drive Test Piles - West	2	2	0%	19-Jan-21	20-Jan-21	243
7236	Load Test Piles - West	2	2	0%	17-Feb-21	18-Feb-21	243
7230	Install Piles for Stair Structure and Bridge 23 ea 65' Timber Piles	5	5	0%	07-Apr-21	14-Apr-21	210
8680	Exc Form and Pour Elevator Pit	5	5	0%	15-Apr-21	21-Apr-21	212
8690	Form and Pour Pile Caps	3	3	0%	15-Apr-21	19-Apr-21	210
8700	MEP Underground Rough In	3	3	0%	20-Apr-21	22-Apr-21	210
8710	MEP Underground Rough In Inspections	1	1	0%	23-Apr-21	23-Apr-21	210
7240	Install Concrete Beams & Slab @ Stair Structure	10	10	0%	26-Apr-21	07-May-21	210
8720	Form and Pour Concrete Pedestals	3	3	0%	10-May-21	12-May-21	210
8730	Form and Pour Concrete Curbs	3	3	0%	13-May-21	17-May-21	217



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Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8740	Concrete Curing to 75% of strength	7	7	0%	13-May-21	19-May-21	312
Bridge - West		210	210		21-Jun-21	25-Apr-22	107
8890	Install Bridge Support Framing at Vault and Piers	3	3	0%	21-Jun-21	23-Jun-21	233
7410	Fit Out & Set Prefabricated Bridge (3 sections)	15	15	0%	16-Feb-22	15-Mar-22	70
8870	install Roof Framing & Purlins	5	5	0%	16-Mar-22	22-Mar-22	99
8880	install Metal Roofing System	4	4	0%	23-Mar-22	28-Mar-22	99
8850	Rough in Electrical Beneath Bridge Flooring	3	3	0%	29-Mar-22	31-Mar-22	99
8920	Install Fire Sprinkler Main Beneath Bridge	7	7	0%	29-Mar-22	06-Apr-22	107
8860	Install Bridge Flooring Decking	4	4	0%	01-Apr-22	06-Apr-22	99
8910	Install Domestic Water Beneath Bridge	7	7	0%	07-Apr-22	15-Apr-22	107
9030	Electrical Trimout - Bridge	3	3	0%	07-Apr-22	11-Apr-22	99
9040	Install Lighting Fixtures - Bridge	3	3	0%	12-Apr-22	14-Apr-22	99
8900	Install Electrical Beneath Bridge	6	6	0%	18-Apr-22	25-Apr-22	107
Structure - West		162	162		04-Jan-21	26-Aug-21	248
7340	Perform Structural Mods at Vault Roof	11	11	0%	04-Jan-21	18-Jan-21	399
8610	Install Structural Steel Frame at Elevator Shaft	5	5	0%	20-May-21	26-May-21	210
8620	install Structural Steel Frame for Plaza Tower w/ Decking	6	6	0%	27-May-21	04-Jun-21	210
7330	Install Mod Bit Roof System at Stair	6	6	0%	07-Jun-21	14-Jun-21	286
8640	Install Metal Stairs with Landings and Rails	6	6	0%	07-Jun-21	14-Jun-21	210
8630	Install Structural Supports for Perforated Panels	4	4	0%	15-Jun-21	18-Jun-21	233
8670	Place Concrete on Metal Deck & Stair Treads	4	4	0%	15-Jun-21	18-Jun-21	210
8650	Install Stair Railings Against Elevator Shaft	8	8	0%	17-Aug-21	26-Aug-21	210
Exterior - West		201	201		15-Jun-21	06-Apr-22	105
7350	Install Mod Bit Roof at Elec Vault Structure	3	3	0%	15-Jun-21	17-Jun-21	303
8800	Install Poly Carbonate Canopy	4	4	0%	17-Aug-21	20-Aug-21	254
7310	Install Perforated Wall Panels with Alum Frame	15	15	0%	20-Sep-21	08-Oct-21	210
8810	Install Perforated Doors at Level 1	4	4	0%	11-Oct-21	14-Oct-21	218
7370	Paint Exterior Metals Stair & Bridge	12	12	0%	16-Mar-22	31-Mar-22	70
7320	Install Ferry Specialty Signage	4	4	0%	01-Apr-22	06-Apr-22	105
Interior - West		88	88		15-Jun-21	18-Oct-21	218
9000	Entergy Install Protection Inside Vault	5	5	0%	15-Jun-21	21-Jun-21	284
7250	Frame SH6 Metal Framed Walls 6" Metal Studs with Shaft Liner Board	10	10	0%	21-Jun-21	02-Jul-21	210
8760	Set Elevator Door Frames	2	2	0%	21-Jun-21	22-Jun-21	226
8590	Cut in New Door and Louver at Entergy Vault	8	8	0%	22-Jun-21	01-Jul-21	284
8600	Infill Existing Opening at Entergy Vault	4	4	0%	02-Jul-21	08-Jul-21	284
8780	Electrical Conduit and Wire at Tower	8	8	0%	06-Jul-21	15-Jul-21	210
8790	Install Sprinkler Riser to Bridge	5	5	0%	06-Jul-21	12-Jul-21	282
9010	Frame Ceiling at West Stair Tower	4	4	0%	06-Jul-21	09-Jul-21	224
9070	Repair Exterior Finish and Paint Vault	5	5	0%	09-Jul-21	15-Jul-21	284
8770	Install Exterior Gypsum Board on Shaft Walls	4	4	0%	16-Jul-21	21-Jul-21	210
8820	MEP Roughin Above Ceiling at Stairwell	2	2	0%	16-Jul-21	19-Jul-21	220
9060	Install Exterior Waterproofing on Shaft Walls	5	5	0%	22-Jul-21	28-Jul-21	240
7450	Install StoQuick Silver Stucco System on Shaft	15	15	0%	29-Jul-21	18-Aug-21	240

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8830	Install StoQuick Silver Stucco System at Ceiling	10	10	0%	03-Aug-21	16-Aug-21	210
7540	Permanent Power at Stair Structure	0	0	0%		18-Aug-21	240
7260	Install Elevator at Stair Structure	20	20	0%	19-Aug-21	16-Sep-21	240
8840	Trim out Lighting Fixtures	10	10	0%	19-Aug-21	01-Sep-21	245
8660	Paint Structural Steel and Railings	15	15	0%	27-Aug-21	17-Sep-21	210
9050	Sealed Concrete Flooring	5	5	0%	02-Sep-21	09-Sep-21	245
8750	Install Folding Security Gate at Level 1	2	2	0%	15-Oct-21	18-Oct-21	218
Permanent Barge		269	269		01-Oct-21	28-Oct-22	63
5012	Install Containment System	2	2	0%	01-Oct-21	04-Oct-21	170
5014	Blast Existing Mooring Dolphins	5	5	0%	05-Oct-21	11-Oct-21	170
5016	Repaint Existing Mooring Dolphins	3	3	0%	12-Oct-21	14-Oct-21	170
5020	Install Structural Steel Platform & Gangway Landing on Barge	5	5	0%	12-Nov-21	18-Nov-21	120
5022	Install Aluminum Platforms on Barge	10	10	0%	19-Nov-21	06-Dec-21	120
5024	Modify & Install Boarding Structures on Barge	15	15	0%	07-Dec-21	28-Dec-21	120
5030	Move & Set Barge in Permanent Location	4	4	0%	20-May-22	25-May-22	24
5040	Set Gangway North	3	3	0%	26-May-22	31-May-22	24
5050	Install Canopy at North Gangway	7	7	0%	26-May-22	06-Jun-22	63
5090	Install Permanent Utilities	4	4	0%	01-Jun-22	06-Jun-22	99
I1002	SFM Inspection at Permanent Berthing	1	1	0%	29-Aug-22	29-Aug-22	39
I1006	City Inspection at Permanent Berthing	1	1	0%	30-Aug-22	30-Aug-22	39
5100	Open Permanent Berthing	0	0	0%		25-Oct-22	0
5070	Transfer South Gangway from Temp Barge	3	3	0%	26-Oct-22	28-Oct-22	1
I1012	Owner Training Ballast System on Pemanent Barge	1	1	0%	26-Oct-22	26-Oct-22	64
I1013	Owner Training/Testing on Mooring System	1	1	0%	27-Oct-22	27-Oct-22	64
Wharf		154	154		01-Nov-21	16-Jun-22	55
6050	Mobilize Crane & Work Barge to Site	8	8	0%	01-Nov-21	10-Nov-21	0
6062	Install Pile Template for Work Bridge	1	1	0%	11-Nov-21	11-Nov-21	0
6064	Install Piles for Work Bridge	2	2	0%	12-Nov-21	15-Nov-21	0
6072	Set Work Bridge Steel	3	3	0%	16-Nov-21	18-Nov-21	0
6074	Set Work Bridge Mats	1	1	0%	19-Nov-21	19-Nov-21	0
6076	Walk Crane Onto Work Bridge	1	1	0%	22-Nov-21	22-Nov-21	0
6002	Install Pile Template For Steel Piles	9	9	0%	23-Nov-21	07-Dec-21	0
6004	Install Steel Piles	9	9	0%	08-Dec-21	20-Dec-21	0
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	0%	21-Dec-21	21-Jan-22	0
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	0%	24-Jan-22	08-Feb-22	0
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	0%	09-Feb-22	09-Feb-22	0
6090	Set Hollow Core Panels Phase 1	18	18	0%	10-Feb-22	14-Mar-22	0
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	0%	15-Mar-22	06-Apr-22	0
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	0%	07-Apr-22	19-Apr-22	0
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	0%	20-Apr-22	20-Apr-22	0
6100	Set Hollow Core Panels Phase 2	13	13	0%	21-Apr-22	09-May-22	0
6110	Demobilize Crane	8	8	0%	10-May-22	19-May-22	0
6130	Cleanup Keyways and Panel Joints	8	8	0%	10-May-22	19-May-22	0

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Actual Work
Remaining Work
Critical Remaining Work
Milestone
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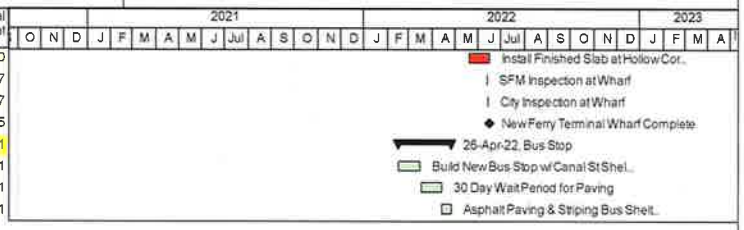
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP01V01_September 2020 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
6030	Install Finished Slab at Hollow Core	19	19	0%	20-May-22	16-Jun-22	0
I1003	SFM Inspection at Wharf	1	1	0%	13-Jun-22	13-Jun-22	57
I107	City inspection at Wharf	1	1	0%	14-Jun-22	14-Jun-22	57
6040	New Ferry Terminal Wharf Complete	0	0	0%		16-Jun-22	55
Bus Stop		45	45		16-Feb-22	26-Apr-22	91
7360	Build New Bus Stop w/ Canal St Shelter	16	16	0%	16-Feb-22	16-Mar-22	91
7510	30 Day Wait Period for Paving	20	20	0%	17-Mar-22	13-Apr-22	91
7520	Asphalt Paving & Striping Bus Shelter	9	9	0%	14-Apr-22	26-Apr-22	91



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APC Construction Company, LLC

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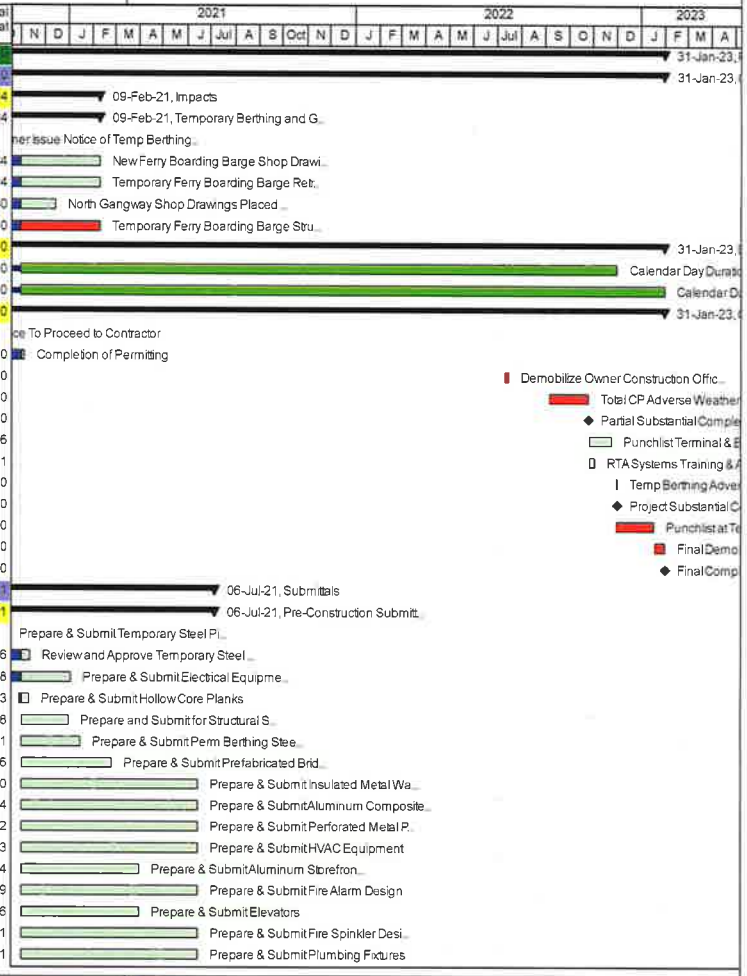
Update 2 – Full Schedule

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP02V01_October 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Gerhardt		595	558		10-Sep-20 A	31-Jan-23	0
Impacts		0	101		11-Sep-20 A	09-Feb-21	104
Temporary Berthing and Gangway Re-Design		0	101		11-Sep-20 A	09-Feb-21	104
Impact-1000	Owner Issue Notice of Temp Berthing Re-Design	0	0	100%	11-Sep-20 A		
Impact-1001	New Ferry Boarding Barge Shop Drawings Placed on Hold	0	101	0%	11-Sep-20 A	09-Feb-21	64
Impact-1002	Temporary Ferry Boarding Barge Retrofit Placed on Hold	0	101	0%	11-Sep-20 A	09-Feb-21	104
Impact-1003	North Gangway Shop Drawings Placed on Hold	0	45	0%	11-Sep-20 A	15-Dec-20	50
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Ho	0	101	0%	11-Sep-20 A	09-Feb-21	0
Duration Hammock		730	822		10-Sep-20 A	31-Jan-23	0
A1000	Calendar Day Duration to Substantial Completion (670)	670	760	0%	10-Sep-20 A	30-Nov-22	0
A1010	Calendar Day Duration to Final Completion (730)	730	822	0%	10-Sep-20 A	31-Jan-23	0
Construction Milestones		595	558		10-Sep-20 A	31-Jan-23	0
3030	Notice To Proceed to Contractor	0	0	100%	10-Sep-20 A		
3190	Completion of Permitting	27	3	0%	10-Sep-20 A	04-Nov-20	150
2340	Demobilize Owner Construction Office	4	4	0%	12-Jul-22	15-Jul-22	0
3140	Total CP Adverse Weather Days - 36 workdays	36	36	0%	06-Sep-22	25-Oct-22	0
3050	Partial Substantial Completion -Terminal & Barge	0	0	0%		25-Oct-22	0
3080	Punchlist Terminal & Barge	20	20	0%	26-Oct-22	22-Nov-22	46
3160	RTA Systems Training & Acceptance	5	5	0%	26-Oct-22	01-Nov-22	61
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	0%	29-Nov-22	30-Nov-22	0
3170	Project Substantial Completion	0	0	0%		30-Nov-22	0
3150	Punchlist at Temporary Berthing	32	32	0%	01-Dec-22	17-Jan-23	0
3280	Final Demob from Site	10	10	0%	18-Jan-23	31-Jan-23	0
3090	Final Completion	0	0	0%		31-Jan-23	0
Submittals		165	165		14-Oct-20 A	06-Jul-21	271
Pre-Construction Submittals		165	165		14-Oct-20 A	06-Jul-21	271
2210	Prepare & Submit Temporary Steel Piling - 16" & 42"	5	0	100%	14-Oct-20 A	15-Oct-20 A	
2200	Review and Approve Temporary Steel Piling - 16" & 42"	15	10	0%	16-Oct-20 A	13-Nov-20	126
2530	Prepare & Submit Electrical Equipment	100	41	59%	20-Oct-20 A	04-Jan-21	288
2390	Prepare & Submit Hollow Core Planks	75	8	90%	30-Oct-20 A	11-Nov-20	253
2310	Prepare and Submit for Structural Steel	40	40	0%	02-Nov-20	31-Dec-20	278
2410	Prepare & Submit Perm Berthing Steel Boarding Structures	50	50	0%	02-Nov-20	15-Jan-21	261
2430	Prepare & Submit Prefabricated Bridge	75	75	0%	02-Nov-20	25-Feb-21	176
2450	Prepare & Submit Insulated Metal Wall Panels	150	150	0%	02-Nov-20	14-Jun-21	210
2470	Prepare & Submit Aluminum Composite Wall Panels	150	150	0%	02-Nov-20	14-Jun-21	214
2490	Prepare & Submit Perforated Metal Panels	150	150	0%	02-Nov-20	14-Jun-21	212
2510	Prepare & Submit HVAC Equipment	150	150	0%	02-Nov-20	14-Jun-21	233
2550	Prepare & Submit Aluminum Storefront & Doors	100	100	0%	02-Nov-20	01-Apr-21	254
2570	Prepare & Submit Fire Alarm Design	150	150	0%	02-Nov-20	14-Jun-21	189
2590	Prepare & Submit Elevators	100	100	0%	02-Nov-20	01-Apr-21	246
2610	Prepare & Submit Fire Spinkler Design	150	150	0%	02-Nov-20	14-Jun-21	271
2650	Prepare & Submit Plumbing Fixtures	150	150	0%	02-Nov-20	14-Jun-21	261



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APC Construction Company, LLC

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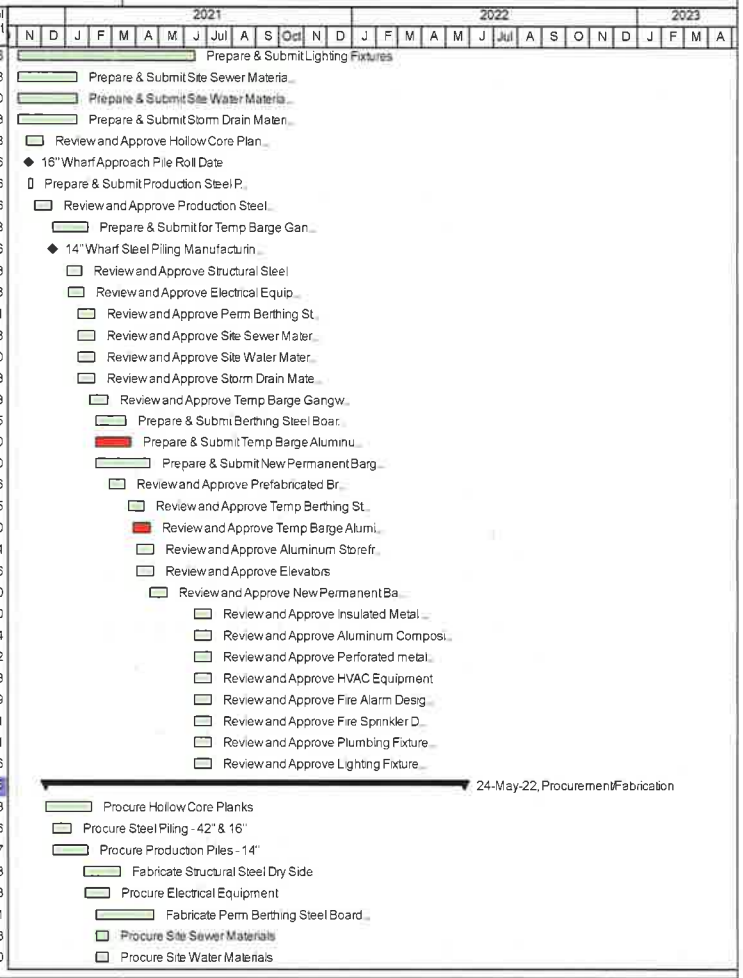
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP02V01_October 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2670	Prepare & Submit Lighting Fixtures	150	150	0%	02-Nov-20	14-Jun-21	226
2690	Prepare & Submit Site Sewer Materials	50	50	0%	02-Nov-20	15-Jan-21	198
2710	Prepare & Submit Site Water Materials	50	50	0%	02-Nov-20	15-Jan-21	160
2730	Prepare & Submit Storm Drain Materials	50	50	0%	02-Nov-20	15-Jan-21	188
2400	Review and Approve Hollow Core Planks	15	15	0%	12-Nov-20	04-Dec-20	253
2330	16" Wharf Approach Pile Roll Date	0	0	0%	16-Nov-20		146
8970	Prepare & Submit Production Steel Piling - 14"	5	5	0%	16-Nov-20	20-Nov-20	126
8980	Review and Approve Production Steel Piling - 14"	15	15	0%	23-Nov-20	15-Dec-20	126
2130	Prepare & Submit for Temp Barge Gangway	30	30	0%	16-Dec-20	29-Jan-21	33
2190	14" Wharf Steel Piling Manufacturing Date	0	0	0%	16-Dec-20		126
2320	Review and Approve Structural Steel	15	15	0%	04-Jan-21	22-Jan-21	278
2540	Review and Approve Electrical Equipment	15	15	0%	05-Jan-21	25-Jan-21	288
2420	Review and Approve Perm Berthing Steel Boarding Structures	15	15	0%	18-Jan-21	08-Feb-21	261
2700	Review and Approve Site Sewer Materials	15	15	0%	18-Jan-21	08-Feb-21	198
2720	Review and Approve Site Water Materials	15	15	0%	18-Jan-21	08-Feb-21	160
2740	Review and Approve Storm Drain Materials	15	15	0%	18-Jan-21	08-Feb-21	188
2240	Review and Approve Temp Barge Gangway	15	15	0%	01-Feb-21	25-Feb-21	33
2250	Prepare & Submi Berthing Steel Boarding Structures	25	25	0%	10-Feb-21	19-Mar-21	45
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	30	0%	10-Feb-21	26-Mar-21	0
2630	Prepare & Submit New Permanent Barge	45	45	0%	10-Feb-21	19-Apr-21	120
2440	Review and Approve Prefabricated Bridge	15	15	0%	26-Feb-21	18-Mar-21	176
2270	Review and Approve Temp Berthing Steel Boarding Structures	15	15	0%	22-Mar-21	12-Apr-21	45
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	15	0%	29-Mar-21	19-Apr-21	0
2560	Review and Approve Aluminum Storefront and Doors	15	15	0%	02-Apr-21	23-Apr-21	254
2600	Review and Approve Elevators	15	15	0%	02-Apr-21	23-Apr-21	246
2640	Review and Approve New Permanent Barge	15	15	0%	20-Apr-21	10-May-21	120
2460	Review and Approve Insulated Metal Wall Panels	15	15	0%	15-Jun-21	06-Jul-21	210
2480	Review and Approve Aluminum Composite Wall Panels	15	15	0%	15-Jun-21	06-Jul-21	214
2500	Review and Approve Perforated metal Panels	15	15	0%	15-Jun-21	06-Jul-21	212
2520	Review and Approve HVAC Equipment	15	15	0%	15-Jun-21	06-Jul-21	233
2580	Review and Approve Fire Alarm Design	15	15	0%	15-Jun-21	06-Jul-21	189
2620	Review and Approve Fire Sprinkler Design	15	15	0%	15-Jun-21	06-Jul-21	271
2660	Review and Approve Plumbing Fixtures	15	15	0%	15-Jun-21	06-Jul-21	261
2680	Review and Approve Lighting Fixtures	15	15	0%	15-Jun-21	06-Jul-21	226
Procurement/Fabrication		382	382		07-Dec-20	24-May-22	86
2950	Procure Hollow Core Planks	40	40	0%	07-Dec-20	03-Feb-21	253
2180	Procure Steel Piling - 42" & 16"	15	15	0%	16-Dec-20	08-Jan-21	126
2230	Procure Production Piles - 14"	30	30	0%	16-Dec-20	29-Jan-21	187
7300	Fabricate Structural Steel Dry Side	31	31	0%	25-Jan-21	12-Mar-21	278
3010	Procure Electrical Equipment	20	20	0%	26-Jan-21	26-Feb-21	288
2960	Fabricate Perm Berthing Steel Boarding Structures	50	50	0%	09-Feb-21	23-Apr-21	261
3250	Procure Site Sewer Materials	10	10	0%	09-Feb-21	25-Feb-21	198
3260	Procure Site Water Materials	10	10	0%	09-Feb-21	25-Feb-21	160



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APC Construction Company

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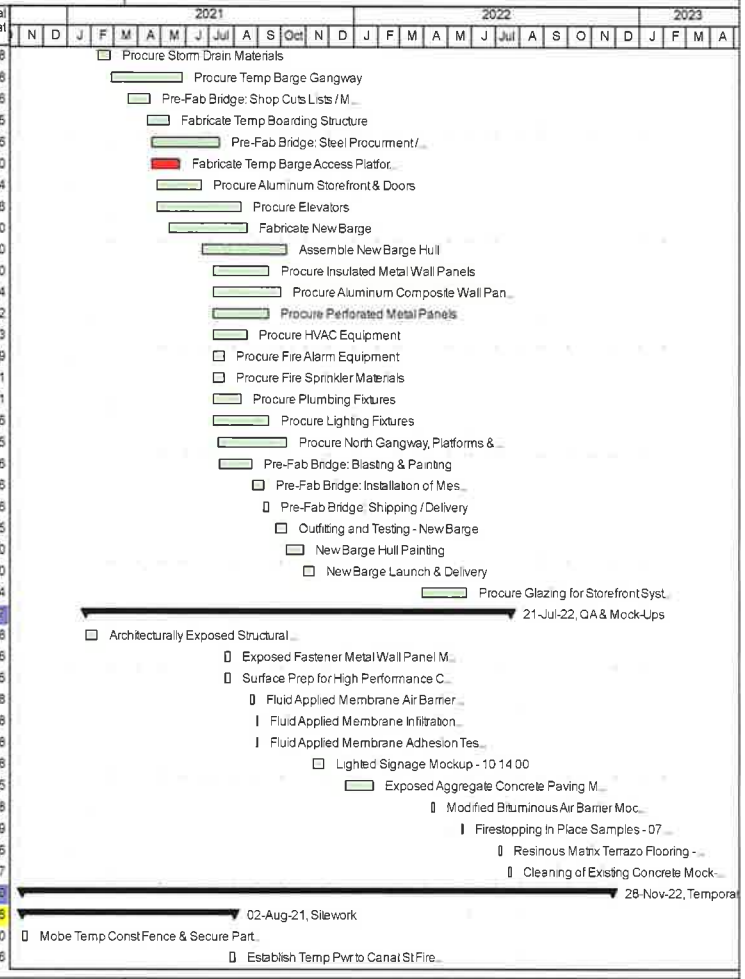
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP02V01_October 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
3270	Procure Storm Drain Materials	10	10	0%	09-Feb-21	25-Feb-21	188
2140	Procure Temp Barge Gangway	91	91	0%	26-Feb-21	27-May-21	48
7440	Pre-Fab Bridge: Shop Cuts Lists / Material Ordering	20	20	0%	19-Mar-21	16-Apr-21	176
2120	Fabricate Temp Boarding Structure	20	20	0%	13-Apr-21	10-May-21	45
7442	Pre-Fab Bridge: Steel Procurment/Fabrication	60	60	0%	19-Apr-21	13-Jul-21	176
2040	Fabricate Temp Barge Access Platform & Ramp	25	25	0%	20-Apr-21	24-May-21	0
3020	Procure Aluminum Storefront & Doors	40	40	0%	26-Apr-21	21-Jun-21	254
3210	Procure Elevators	75	75	0%	26-Apr-21	10-Aug-21	246
5000	Fabricate New Barge	70	70	0%	11-May-21	18-Aug-21	120
5001	Assemble New Barge Hull	75	75	0%	23-Jun-21	07-Oct-21	120
2970	Procure Insulated Metal Wall Panels	50	50	0%	07-Jul-21	15-Sep-21	210
2980	Procure Aluminum Composite Wall Panels	60	60	0%	07-Jul-21	29-Sep-21	214
2990	Procure Perforated Metal Panels	50	50	0%	07-Jul-21	15-Sep-21	212
3000	Procure HVAC Equipment	30	30	0%	07-Jul-21	17-Aug-21	233
3200	Procure Fire Alarm Equipment	10	10	0%	07-Jul-21	20-Jul-21	189
3220	Procure Fire Sprinkler Materials	10	10	0%	07-Jul-21	20-Jul-21	271
3230	Procure Plumbing Fixtures	25	25	0%	07-Jul-21	10-Aug-21	261
3240	Procure Lighting Fixtures	50	50	0%	07-Jul-21	15-Sep-21	226
5060	Procure North Gangway, Platforms & Support Structures	62	62	0%	13-Jul-21	07-Oct-21	145
7444	Pre-Fab Bridge: Blasting & Painting	30	30	0%	14-Jul-21	24-Aug-21	176
7446	Pre-Fab Bridge: Installation of Mesh Panels	10	10	0%	25-Aug-21	08-Sep-21	176
7448	Pre-Fab Bridge: Shipping / Delivery	4	4	0%	09-Sep-21	14-Sep-21	176
5002	Outfitting and Testing - New Barge	10	10	0%	24-Sep-21	07-Oct-21	145
5003	New Barge Hull Painting	15	15	0%	08-Oct-21	28-Oct-21	120
5004	New Barge Launch & Delivery	10	10	0%	29-Oct-21	11-Nov-21	120
7860	Procure Glazing for Storefront System	40	40	0%	30-Mar-22	24-May-22	34
QA & Mock Ups		370	370		25-Jan-21	21-Jul-22	22
QA1030	Architecturally Exposed Structural Steel Mock-Ups - 05 12 13	10	10	0%	25-Jan-21	08-Feb-21	278
QA1080	Exposed Fastener Metal Wall Panel Mockup - 07 42 14	5	5	0%	22-Jul-21	28-Jul-21	246
QA1110	Surface Prep for High Performance Coating Mockup - 09 96 00	4	4	0%	22-Jul-21	27-Jul-21	225
QA1050	Fluid Applied Membrane Air Barrier Mockup - 07 27 26	5	5	0%	23-Aug-21	27-Aug-21	188
QA1060	Fluid Applied Membrane Infiltration Testing of Mockup - 07 27 26	3	3	0%	30-Aug-21	01-Sep-21	188
QA1070	Fluid Applied Membrane Adhesion Testing of Mockup - 07 27 26	3	3	0%	30-Aug-21	01-Sep-21	188
QA1120	Lighted Signage Mockup - 10 14 00	10	10	0%	10-Nov-21	23-Nov-21	188
QA1130	Exposed Aggregate Concrete Paving Mockup - 32 13 13	25	25	0%	21-Dec-21	26-Jan-22	95
QA1040	Modified Bituminous Air Barrier Mock-Up - 07 27 13	4	4	0%	11-Apr-22	14-Apr-22	38
QA1090	Firestopping In Place Samples - 07 84 00	2	2	0%	19-May-22	20-May-22	49
QA1100	Resinous Matrix Terrazo Flooring - 09 66 23	4	4	0%	05-Jul-22	08-Jul-22	26
QA1020	Cleaning of Existing Concrete Mock-Up - 03 01 35	4	4	0%	18-Jul-22	21-Jul-22	27
Temporary Work		511	511		05-Nov-20	28-Nov-22	0
Sitework		181	181		05-Nov-20	02-Aug-21	46
2080	Mobe Temp Const Fence & Secure Partial Site	5	5	0%	05-Nov-20	11-Nov-20	150
2090	Establish Temp Pwr to Canal St Fire Pump	5	5	0%	27-Jul-21	02-Aug-21	46



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RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP02V01_October 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2290	Expand Temp Const Fence & Secure Full Site	3	3	0%	27-Jul-21	29-Jul-21	0
West Plaza Tower & Bridge		3	3		19-Jan-21	21-Jan-21	399
2110	Install Temp Roof at Vault	3	3	0%	19-Jan-21	21-Jan-21	399
Temporary Barge		378	378		25-May-21	28-Nov-22	0
2032	Set Boarding Structure On Temp. Barge	4	4	0%	25-May-21	28-May-21	0
2350	Remove Existing Fendering	5	5	0%	01-Jun-21	07-Jun-21	0
2050	Install Temp Access Platform & Ramp on Barge	13	13	0%	08-Jun-21	24-Jun-21	0
2360	Install New Fendering	4	4	0%	08-Jun-21	11-Jun-21	5
2370	Remove & Relocate Existing Loading Plaform	2	2	0%	14-Jun-21	15-Jun-21	5
2380	Remove & Relocate Existing Light Pole	2	2	0%	16-Jun-21	17-Jun-21	5
2220	Relocate Temp Barge from Yard to Audubon	2	2	0%	25-Jun-21	28-Jun-21	0
2060	Splice Up River Mono Piles	3	3	0%	29-Jun-21	01-Jul-21	0
2300	Splice Down River Mono Piles	4	4	0%	02-Jul-21	06-Jul-21	0
2232	Splice Temporary Barge Access Platform Piles	2	2	0%	09-Jul-21	12-Jul-21	0
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	2	0%	13-Jul-21	14-Jul-21	0
2030	Install Gangway & Boarding Structure	8	8	0%	15-Jul-21	26-Jul-21	0
2150	Install Temporary Elec to Barge	6	6	0%	19-Jul-21	26-Jul-21	0
2020	Establish Temp Ped Walkway	4	4	0%	21-Jul-21	26-Jul-21	0
I1001	SFM Inspection at Temp Berthing	1	1	0%	23-Jul-21	23-Jul-21	0
I1011	Owner Training Ballast System on Temp Barge	1	1	0%	23-Jul-21	23-Jul-21	1
I1005	City Inspection at Temp Berthing	1	1	0%	26-Jul-21	26-Jul-21	0
2070	Open Temp Berthing for Passenger Use	0	0	0%		26-Jul-21	0
2170	Close Temp Berthing for Passenger Use	0	0	0%		25-Oct-22	0
2164	Terminate All Utilities	4	4	0%	26-Oct-22	31-Oct-22	0
2166	Relocate Temp Barge To RTA	1	1	0%	01-Nov-22	01-Nov-22	0
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	0%	02-Nov-22	17-Nov-22	0
2168	Cut & Remove Mono Piles	5	5	0%	18-Nov-22	28-Nov-22	0
Demolition		235	235		12-Nov-20	25-Oct-21	153
Terminal Building & East Tower		59	59		03-Aug-21	25-Oct-21	38
1040	Demolish Existing Ferry Terminal Building	18	18	0%	03-Aug-21	26-Aug-21	46
1110	Sawcut and Remove Land Arcade Wall	15	15	0%	27-Aug-21	17-Sep-21	46
1060	Sawcut and Remove Marine Arcade Wall	18	18	0%	30-Sep-21	25-Oct-21	38
West Plaza Tower & Bridge		32	32		12-Nov-20	31-Dec-20	171
1140	Make Safe- Utility Demolition from Building	5	5	0%	12-Nov-20	18-Nov-20	171
1160	Establish Temporary Utilities to Barge & Fire Pump	5	5	0%	12-Nov-20	18-Nov-20	171
1090	Demo Hammerhead & Ramp to Bridge	10	10	0%	19-Nov-20	04-Dec-20	171
1130	Demo Power and Communication Lines at OCS Pole	3	3	0%	02-Dec-20	04-Dec-20	171
1100	Demo Existing Bridge at RR Tracks	8	8	0%	07-Dec-20	16-Dec-20	171
1070	Demo Elevated Walkway Bridge @ Floodwall	5	5	0%	17-Dec-20	23-Dec-20	171
1080	Sawcut & Remove 2nd Floor CL 3-4 over Vault	4	4	0%	28-Dec-20	31-Dec-20	171
Existing Barge		47	47		27-Jul-21	30-Sep-21	170
1150	Disconnect Existing Utilities from Barge	2	2	0%	27-Jul-21	28-Jul-21	7
1020	Demolish Gangway & Access Platforms	10	10	0%	30-Jul-21	12-Aug-21	0

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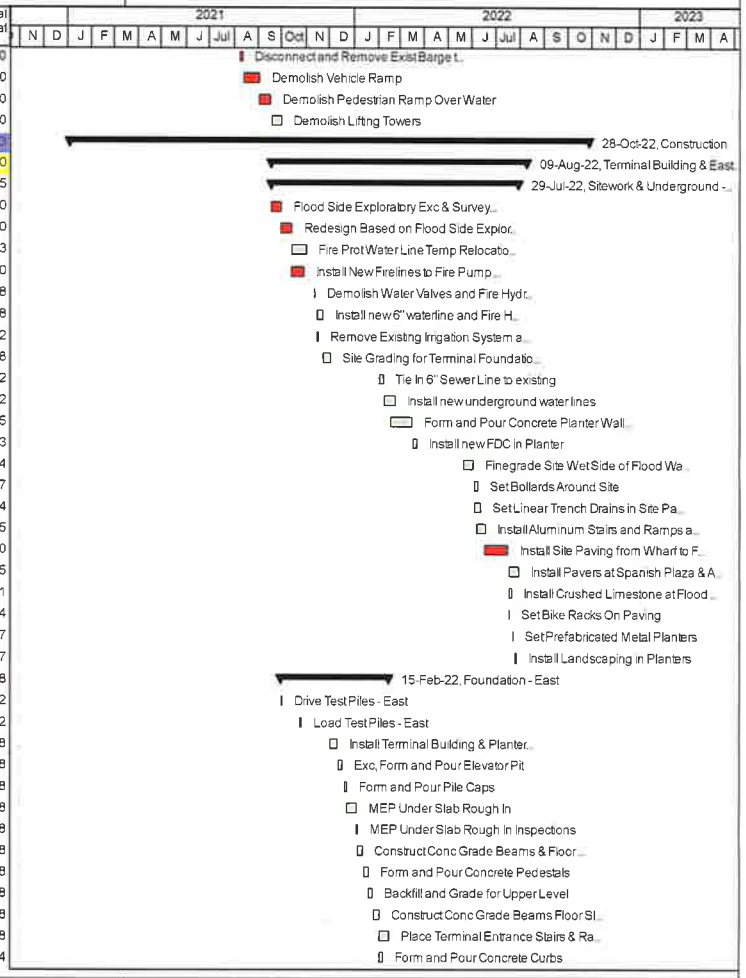
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	0%	09-Aug-21	12-Aug-21	0
1030	Demolish Vehicle Ramp	15	15	0%	13-Aug-21	02-Sep-21	0
1120	Demolish Pedestrian Ramp Over Water	9	9	0%	03-Sep-21	16-Sep-21	0
1050	Demolish Lifting Towers	10	10	0%	17-Sep-21	30-Sep-21	170
Construction		455	455		04-Jan-21	28-Oct-22	63
Terminal Building & East Tower		222	222		17-Sep-21	09-Aug-22	120
Sitework & Underground - East		215	215		17-Sep-21	29-Jul-22	25
8100	Flood Side Exploratory Exc & Survey Property	9	9	0%	17-Sep-21	29-Sep-21	0
8110	Redesign Based on Flood Side Exploration Results	10	10	0%	30-Sep-21	13-Oct-21	0
8080	Fire Prot Water Line Temp Relocation Wet Side	13	13	0%	14-Oct-21	01-Nov-21	33
7050	Install New Firelines to Fire Pump and Demolish Existing	12	12	0%	14-Oct-21	29-Oct-21	0
7550	Demolish Water Valves and Fire Hydrant	2	2	0%	11-Nov-21	12-Nov-21	18
7570	Install new 6" waterline and Fire Hydrant	6	6	0%	15-Nov-21	22-Nov-21	18
7610	Remove Existing Irrigation System and Cap	2	2	0%	15-Nov-21	16-Nov-21	22
7000	Site Grading for Terminal Foundation	5	5	0%	23-Nov-21	01-Dec-21	18
7600	Tie In 6" Sewer Line to existing	3	3	0%	03-Feb-22	07-Feb-22	62
7580	Install new underground water lines	10	10	0%	08-Feb-22	22-Feb-22	62
8000	Form and Pour Concrete Planter Walls	16	16	0%	16-Feb-22	16-Mar-22	65
7590	Install new FDC in Planter	4	4	0%	17-Mar-22	22-Mar-22	113
8060	Finegrade Site Wet Side of Flood Wall for Paving	9	9	0%	20-May-22	02-Jun-22	4
8150	Set Bollards Around Site	3	3	0%	03-Jun-22	07-Jun-22	7
8270	Set Linear Trench Drains in Site Paving	6	6	0%	03-Jun-22	10-Jun-22	4
8020	Install Aluminum Stairs and Ramps at Spanish Plaza	8	8	0%	07-Jun-22	16-Jun-22	55
8120	Install Site Paving from Wharf to Flood Wall	20	20	0%	17-Jun-22	15-Jul-22	0
8050	Install Pavers at Spanish Plaza & Arcade Wall	10	10	0%	18-Jul-22	29-Jul-22	25
8010	Install Crushed Limestone at Flood Wall	4	4	0%	18-Jul-22	21-Jul-22	31
8260	Set Bike Racks On Paving	1	1	0%	18-Jul-22	18-Jul-22	34
8090	Set Prefabricated Metal Planters	1	1	0%	22-Jul-22	22-Jul-22	27
8070	Install Landscaping in Planters	3	3	0%	25-Jul-22	27-Jul-22	27
Foundation - East		95	95		30-Sep-21	15-Feb-22	18
9160	Drive Test Piles - East	2	2	0%	30-Sep-21	01-Oct-21	42
9170	Load Test Piles - East	2	2	0%	25-Oct-21	26-Oct-21	42
7020	Install Terminal Building & Planter Timber Piles - 92 ea	7	7	0%	02-Dec-21	10-Dec-21	18
7620	Exc, Form and Pour Elevator Pit	5	5	0%	13-Dec-21	17-Dec-21	18
7630	Form and Pour Pile Caps	3	3	0%	20-Dec-21	22-Dec-21	18
7650	MEP Under Slab Rough In	7	7	0%	23-Dec-21	04-Jan-22	18
7660	MEP Under Slab Rough In Inspections	1	1	0%	05-Jan-22	05-Jan-22	18
7680	Construct Conc Grade Beams & Floor Slab Lower Level	5	5	0%	06-Jan-22	12-Jan-22	18
7640	Form and Pour Concrete Pedestals	5	5	0%	13-Jan-22	19-Jan-22	18
7670	Backfill and Grade for Upper Level	3	3	0%	20-Jan-22	24-Jan-22	18
7690	Construct Conc Grade Beams Floor Slab & Entrance Slab Upper Level	7	7	0%	25-Jan-22	02-Feb-22	18
7040	Place Terminal Entrance Stairs & Ramp	9	9	0%	03-Feb-22	15-Feb-22	18
7700	Form and Pour Concrete Curbs	3	3	0%	03-Feb-22	07-Feb-22	24



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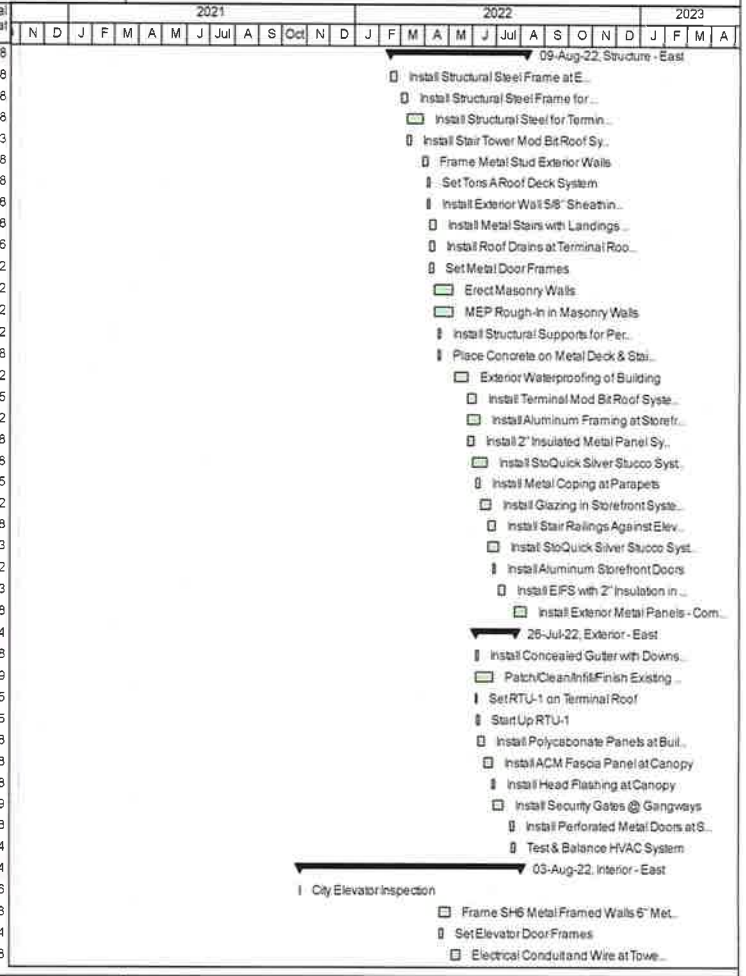
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
Structure - East		118	118		16-Feb-22	09-Aug-22	18
7710	Install Structural Steel Frame at Elevator Shaft	5	5	0%	16-Feb-22	23-Feb-22	18
7740	Install Structural Steel Frame for Plaza Tower w/ Decking	6	6	0%	02-Mar-22	09-Mar-22	18
7720	Install Structural Steel for Terminal Building	14	14	0%	10-Mar-22	29-Mar-22	18
7910	Install Stair Tower Mod Bit Roof System w/ Insulation	3	3	0%	10-Mar-22	14-Mar-22	73
7800	Frame Metal Stud Exterior Walls	4	4	0%	30-Mar-22	04-Apr-22	18
7730	Set Toris A Roof Deck System	3	3	0%	05-Apr-22	07-Apr-22	18
7810	Install Exterior Wall 5/8" Sheathing	4	4	0%	05-Apr-22	08-Apr-22	38
7760	Install Metal Stairs with Landings and Rails	6	6	0%	08-Apr-22	15-Apr-22	18
7830	Install Roof Drains at Terminal Roof	4	4	0%	08-Apr-22	13-Apr-22	66
7030	Set Metal Door Frames	3	3	0%	08-Apr-22	12-Apr-22	22
7070	Erect Masonry Walls	18	18	0%	13-Apr-22	06-May-22	22
8580	MEP Rough-In in Masonry Walls	18	18	0%	13-Apr-22	06-May-22	22
7750	Install Structural Supports for Perforated Panels	4	4	0%	18-Apr-22	21-Apr-22	82
7790	Place Concrete on Metal Deck & Stairs	4	4	0%	18-Apr-22	21-Apr-22	18
7280	Exterior Waterproofing of Building	14	14	0%	09-May-22	26-May-22	22
7150	Install Terminal Mod Bit Roof System with Insulation	6	6	0%	27-May-22	06-Jun-22	35
7850	Install Aluminum Framing at Storefront System	10	10	0%	27-May-22	10-Jun-22	22
7940	Install 2" Insulated Metal Panel System at Terminal	5	5	0%	27-May-22	03-Jun-22	38
7400	Install StoQuick Silver Stucco System on Shaft	14	14	0%	01-Jun-22	20-Jun-22	18
7900	Install Metal Coping at Parapets	4	4	0%	07-Jun-22	10-Jun-22	35
7870	Install Glazing in Storefront System	10	10	0%	13-Jun-22	24-Jun-22	22
7770	Install Stair Railings Against Elevator Shaft	8	8	0%	21-Jun-22	30-Jun-22	18
7950	Install StoQuick Silver Stucco System at Ceiling	10	10	0%	21-Jun-22	05-Jul-22	33
7860	Install Aluminum Storefront Doors	4	4	0%	27-Jun-22	30-Jun-22	22
7960	Install EIFS with 2" Insulation in Stairwell at Block Wall	6	6	0%	06-Jul-22	13-Jul-22	33
7220	Install Exterior Metal Panels - Comp. & Perf.	12	12	0%	25-Jul-22	09-Aug-22	18
Exterior - East		36	36		06-Jun-22	26-Jul-22	64
7840	Install Concealed Gutter with Downspouts	4	4	0%	06-Jun-22	09-Jun-22	38
8040	Patch/Clean/Infill/Finish Existing Arcade Wall	15	15	0%	07-Jun-22	27-Jun-22	39
8460	Set RTU-1 on Terminal Roof	1	1	0%	07-Jun-22	07-Jun-22	35
8470	Start Up RTU-1	3	3	0%	08-Jun-22	10-Jun-22	35
8990	Install Polycabonate Panels at Building Canopy	5	5	0%	10-Jun-22	16-Jun-22	38
7890	Install ACM Fascia Panel at Canopy	7	7	0%	17-Jun-22	27-Jun-22	38
7820	Install Head Flashing at Canopy	3	3	0%	28-Jun-22	30-Jun-22	38
7140	Install Security Gates @ Gangways	8	8	0%	29-Jun-22	11-Jul-22	39
7920	Install Perforated Metal Doors at Stairwell	3	3	0%	21-Jul-22	25-Jul-22	28
9150	Test & Balance HVAC System	3	3	0%	22-Jul-22	26-Jul-22	64
Interior - East		191	191		26-Oct-21	03-Aug-22	124
I1010	City Elevator Inspection	1	1	0%	26-Oct-21	26-Oct-21	246
9080	Frame SH6 Metal Framed Walls 6" Metal Studs with Shaft Liner Board at Tov	10	10	0%	22-Apr-22	05-May-22	18
9120	Set Elevator Door Frames	2	2	0%	22-Apr-22	25-Apr-22	34
9090	Electrical Conduit and Wire at Tower	8	8	0%	06-May-22	17-May-22	18



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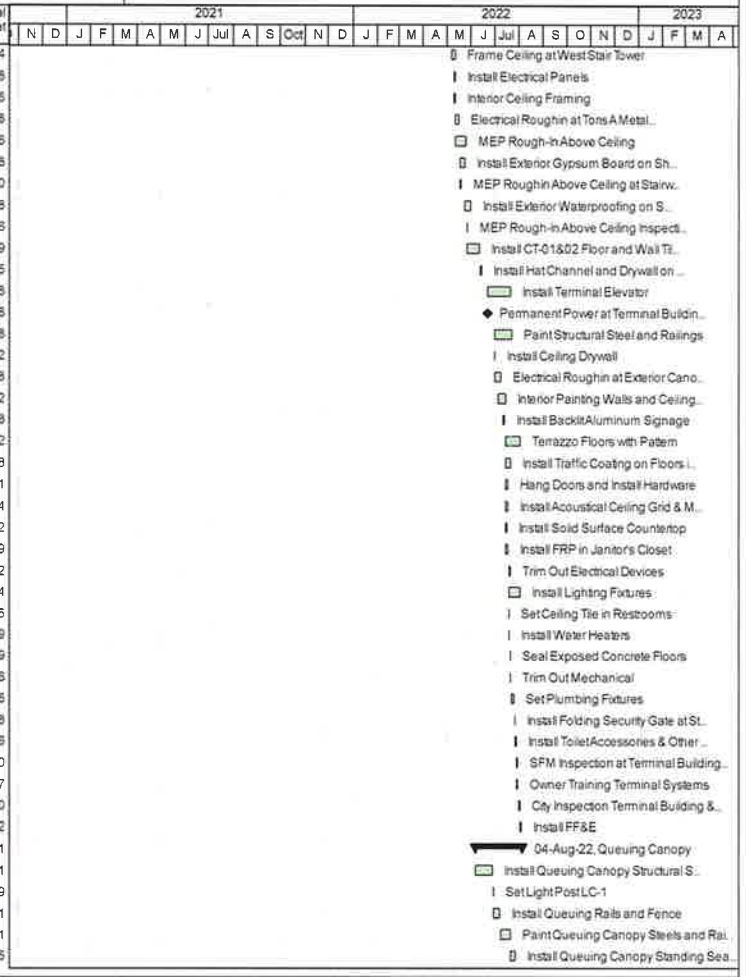
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
9100	Frame Ceiling at West Stair Tower	4	4	0%	06-May-22	11-May-22	54
8480	Install Electrical Panels	3	3	0%	09-May-22	11-May-22	118
9020	Interior Ceiling Framing	3	3	0%	09-May-22	11-May-22	46
8030	Electrical Roughin at Tons A Metal Decking	3	3	0%	12-May-22	16-May-22	118
8370	MEP Rough-In Above Ceiling	10	10	0%	12-May-22	25-May-22	46
9130	Install Exterior Gypsum Board on Shaft Walls	4	4	0%	18-May-22	23-May-22	18
9110	MEP Roughin Above Ceiling at Stairwell	2	2	0%	18-May-22	19-May-22	50
9140	Install Exterior Waterproofing on Shaft Walls	5	5	0%	24-May-22	31-May-22	18
8380	MEP Rough-In Above Ceiling inspection	1	1	0%	26-May-22	26-May-22	46
8260	Install CT-01&02 Floor and Wall Tile in Restrooms	10	10	0%	27-May-22	10-Jun-22	49
7980	Install Hat Channel and Drywall on Masonry Walls	1	1	0%	13-Jun-22	13-Jun-22	35
7200	Install Terminal Elevator	21	21	0%	21-Jun-22	20-Jul-22	68
7530	Permanent Power at Terminal Building	0	0	0%	21-Jun-22		68
7780	Paint Structural Steel and Railings	15	15	0%	01-Jul-22	22-Jul-22	18
8390	Install Ceiling Drywall	1	1	0%	01-Jul-22	01-Jul-22	22
8410	Electrical Roughin at Exterior Canopy	5	5	0%	01-Jul-22	08-Jul-22	38
7990	Interior Painting Walls and Ceilings	8	8	0%	05-Jul-22	14-Jul-22	22
7970	Install BacklitAluminum Signage	2	2	0%	11-Jul-22	12-Jul-22	38
7190	Terrazzo Floors with Pattern	12	12	0%	15-Jul-22	01-Aug-22	22
8300	Install Traffic Coating on Floors in Stairwell	4	4	0%	15-Jul-22	20-Jul-22	28
8310	Hang Doors and Install Hardware	2	2	0%	15-Jul-22	18-Jul-22	31
8360	Install Acoustical Ceiling Grid & Metal Framing	2	2	0%	15-Jul-22	18-Jul-22	24
8430	Install Solid Surface Countertop	1	1	0%	15-Jul-22	15-Jul-22	32
8440	Install FRP in Janitor's Closet	2	2	0%	15-Jul-22	18-Jul-22	29
8340	Trim Out Electrical Devices	2	2	0%	19-Jul-22	20-Jul-22	32
8350	Install Lighting Fixtures	10	10	0%	19-Jul-22	01-Aug-22	24
8420	Set Ceiling Tile in Restrooms	1	1	0%	19-Jul-22	19-Jul-22	26
8450	Install Water Heaters	1	1	0%	19-Jul-22	19-Jul-22	29
8290	Seal Exposed Concrete Floors	2	2	0%	20-Jul-22	21-Jul-22	29
8400	Trim Out Mechanical	2	2	0%	20-Jul-22	21-Jul-22	26
8320	Set Plumbing Fixtures	2	2	0%	22-Jul-22	25-Jul-22	26
7930	Install Folding Security Gate at Stairwell	1	1	0%	26-Jul-22	26-Jul-22	28
8330	Install ToiletAccessories & Other Specialties	3	3	0%	26-Jul-22	28-Jul-22	26
I1004	SFM Inspection at Terminal Building & Towers	1	1	0%	29-Jul-22	29-Jul-22	60
I1009	Owner Training Terminal Systems	1	1	0%	29-Jul-22	29-Jul-22	127
I1008	City Inspection Terminal Building & Towers	1	1	0%	01-Aug-22	01-Aug-22	60
8490	Install FF&E	2	2	0%	02-Aug-22	03-Aug-22	22
Queuing Canopy		43	43		06-Jun-22	04-Aug-22	21
7100	Install Queuing Canopy Structural Steel	17	17	0%	06-Jun-22	28-Jun-22	21
8500	Set Light Post LC-1	1	1	0%	29-Jun-22	29-Jun-22	39
8510	Install Queuing Rails and Fence	6	8	0%	29-Jun-22	07-Jul-22	21
8520	Paint Queuing Canopy Steels and Rails	9	9	0%	08-Jul-22	20-Jul-22	21
8530	Install Queuing Canopy Standing Seam Mtl Roof	4	4	0%	21-Jul-22	26-Jul-22	25



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Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8540	Install ACM Fascia Panels at Queuing Canopy	6	6	0%	21-Jul-22	28-Jul-22	21
8550	Install Queuing Canopy Lighting Fixtures	3	3	0%	27-Jul-22	29-Jul-22	25
8560	Install Metal Flashing at ACM Panels	2	2	0%	29-Jul-22	01-Aug-22	21
8570	Install Lighted Signs at Queuing Canopy	3	3	0%	02-Aug-22	04-Aug-22	21
West Plaza Tower & Bridge		416	416		04-Jan-21	02-Sep-22	102
Sitework & Underground - West		416	416		04-Jan-21	02-Sep-22	102
8130	Dry Side Exploratory Exc & Survey of Property	5	5	0%	04-Jan-21	08-Jan-21	171
8140	Redesign Based on Dry Side Exploration Results	6	6	0%	11-Jan-21	18-Jan-21	212
8200	Relocate Underground Storm Drain Lines	10	10	0%	26-Feb-21	11-Mar-21	188
8190	Relocate Underground Sewer Lines	15	15	0%	12-Mar-21	01-Apr-21	188
8220	Tie in Storm Drain in Conv Ctr Blvd.	2	2	0%	12-Mar-21	15-Mar-21	215
8230	Close Driving Lane in Conv Ctr Blvd.	2	2	0%	12-Mar-21	15-Mar-21	221
8170	Demolish and Sand Fill Storm Drain Lines	11	11	0%	16-Mar-21	30-Mar-21	215
8180	Relocate Underground Water Lines	12	12	0%	02-Apr-21	20-Apr-21	188
8240	Tie in Sewer to Existing Manhole	2	2	0%	02-Apr-21	05-Apr-21	203
8160	Demolish and Sand Fill Sewer Line	8	8	0%	06-Apr-21	16-Apr-21	203
8250	Tie in Water Line to Existing	2	2	0%	21-Apr-21	22-Apr-21	188
8210	Demolish and Sand Fill Relocated Water Line	6	6	0%	23-Apr-21	30-Apr-21	188
7010	Site Grading for Stair Tower Foundation	5	5	0%	03-May-21	07-May-21	188
7380	Interaction with Public Belt Rail Traffic	0	0	0%	03-May-21	03-May-21	438
7460	Relocate Fencing for 4 Seasons Hardscape Work	5	5	0%	10-May-21	14-May-21	251
7500	4 Seasons Subsurface & Fine Grade	15	15	0%	17-May-21	07-Jun-21	251
7502	4 Seasons Hardscape	11	11	0%	08-Jun-21	22-Jun-21	251
7504	4 Seasons Landscaping	5	5	0%	23-Jun-21	29-Jun-21	251
7490	Relocate Fencing onto 4 Seasons Hardscape	5	5	0%	30-Jun-21	07-Jul-21	251
8960	Install Landscaping Under Drain Lines	5	5	0%	08-Jul-21	14-Jul-21	276
7470	Install West Tower Hardscape	15	15	0%	01-Apr-22	21-Apr-22	70
5080	Set Trash Receptacles & Mounted Signs	5	5	0%	22-Apr-22	28-Apr-22	89
8930	Demolition of Existing Paving at Main Entrance	17	17	0%	17-Jun-22	12-Jul-22	18
8950	Install Curb and Gutter with ADA Ramps	15	15	0%	18-Jul-22	05-Aug-22	0
7480	Install West Tower Landscaping	9	9	0%	08-Aug-22	18-Aug-22	11
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	0%	08-Aug-22	02-Sep-22	0
Foundation - West		104	104		19-Jan-21	21-Jun-21	193
7228	Drive Test Piles - West	2	2	0%	19-Jan-21	20-Jan-21	243
7238	Load Test Piles - West	2	2	0%	17-Feb-21	18-Feb-21	243
7230	Install Piles for Stair Structure and Bridge 23 ea 65' Timber Piles	5	5	0%	10-May-21	14-May-21	188
8680	Exc Form and Pour Elevator Pit	5	5	0%	17-May-21	21-May-21	190
8690	Form and Pour Pile Caps	3	3	0%	17-May-21	19-May-21	188
8700	MEP Underground Rough In	3	3	0%	20-May-21	24-May-21	188
8710	MEP Underground Rough In Inspections	1	1	0%	25-May-21	25-May-21	188
7240	Install Concrete Beams & Slab @ Stair Structure	10	10	0%	26-May-21	09-Jun-21	188
8720	Form and Pour Concrete Pedestals	3	3	0%	10-Jun-21	14-Jun-21	188
8730	Form and Pour Concrete Curbs	3	3	0%	15-Jun-21	17-Jun-21	195

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8740	Concrete Curing to 75% of strength	7	7	0%	15-Jun-21	21-Jun-21	279
Bridge - West		188	188		22-Jul-21	25-Apr-22	107
8890	Install Bridge Support Framing at Vault and Piers	3	3	0%	22-Jul-21	26-Jul-21	211
7410	Fit Out & Set Prefabricated Bridge (3 sections)	15	15	0%	16-Feb-22	15-Mar-22	70
8870	Install Roof Framing & Purlins	5	5	0%	16-Mar-22	22-Mar-22	99
8880	Install Metal Roofing System	4	4	0%	23-Mar-22	28-Mar-22	99
8850	Rough in Electrical Beneath Bridge Flooring	3	3	0%	29-Mar-22	31-Mar-22	99
8920	Install Fire Sprinkler Main Beneath Bridge	7	7	0%	29-Mar-22	06-Apr-22	107
8860	Install Bridge Flooring Decking	4	4	0%	01-Apr-22	06-Apr-22	99
8910	Install Domestic Water Beneath Bridge	7	7	0%	07-Apr-22	15-Apr-22	107
9030	Electrical Trimout - Bridge	3	3	0%	07-Apr-22	11-Apr-22	99
9040	Install Lighting Fixtures - Bridge	3	3	0%	12-Apr-22	14-Apr-22	99
8900	Install Electrical Beneath Bridge	6	6	0%	18-Apr-22	25-Apr-22	107
Structure - West		184	184		04-Jan-21	28-Sep-21	226
7340	Perform Structural Mods at Vault Roof	11	11	0%	04-Jan-21	18-Jan-21	399
8610	Install Structural Steel Frame at Elevator Shaft	5	5	0%	22-Jun-21	28-Jun-21	188
8620	Install Structural Steel Frame for Plaza Tower w/ Decking	6	6	0%	29-Jun-21	07-Jul-21	188
7330	Install Mod Bit Roof System at Stair	6	6	0%	08-Jul-21	15-Jul-21	264
8640	Install Metal Stairs with Landings and Rails	6	6	0%	08-Jul-21	15-Jul-21	188
8630	Install Structural Supports for Perforated Panels	4	4	0%	16-Jul-21	21-Jul-21	211
8670	Place Concrete on Metal Deck & Stair Treads	4	4	0%	16-Jul-21	21-Jul-21	188
8650	Install Stair Railings Against Elevator Shaft	8	8	0%	17-Sep-21	28-Sep-21	188
Exterior - West		179	179		16-Jul-21	06-Apr-22	105
7350	Install Mod Bit Roof at Elec Vault Structure	3	3	0%	16-Jul-21	20-Jul-21	281
8600	Install Poly Carbonate Canopy	4	4	0%	17-Sep-21	22-Sep-21	232
7310	Install Perforated Wall Panels with Alum Frame	15	15	0%	20-Oct-21	09-Nov-21	188
8810	Install Perforated Doors at Level 1	4	4	0%	10-Nov-21	15-Nov-21	196
7370	Paint Exterior Metals Stair & Bridge	12	12	0%	16-Mar-22	31-Mar-22	70
7320	Install Ferry Specialty Signage	4	4	0%	01-Apr-22	06-Apr-22	105
Interior - West		88	88		16-Jul-21	17-Nov-21	196
9000	Entergy Install Protection Inside Vault	5	5	0%	16-Jul-21	22-Jul-21	262
7250	Frame SH6 Metal Framed Walls 6" Metal Studs with Shaft Liner Board	10	10	0%	22-Jul-21	04-Aug-21	188
8760	Set Elevator Door Frames	2	2	0%	22-Jul-21	23-Jul-21	204
8590	Cut in New Door and Louver at Entergy Vault	8	8	0%	23-Jul-21	03-Aug-21	262
8600	Infill Existing Opening at Entergy Vault	4	4	0%	04-Aug-21	09-Aug-21	262
8780	Electrical Conduit and Wire at Tower	8	8	0%	05-Aug-21	16-Aug-21	188
8790	Install Sprinkler Riser to Bridge	5	5	0%	05-Aug-21	11-Aug-21	260
9010	Frame Ceiling at West Stair Tower	4	4	0%	05-Aug-21	10-Aug-21	202
9070	Repair Exterior Finish and Paint Vault	5	5	0%	10-Aug-21	16-Aug-21	262
8770	Install Exterior Gypsum Board on Shaft Walls	4	4	0%	17-Aug-21	20-Aug-21	188
8820	MEP Roughin Above Ceiling at Stairwell	2	2	0%	17-Aug-21	18-Aug-21	198
9060	Install Exterior Waterproofing on Shaft Walls	5	5	0%	23-Aug-21	27-Aug-21	218
7450	Install StoQuick Silver Stucco System on Shaft	15	15	0%	30-Aug-21	20-Sep-21	218

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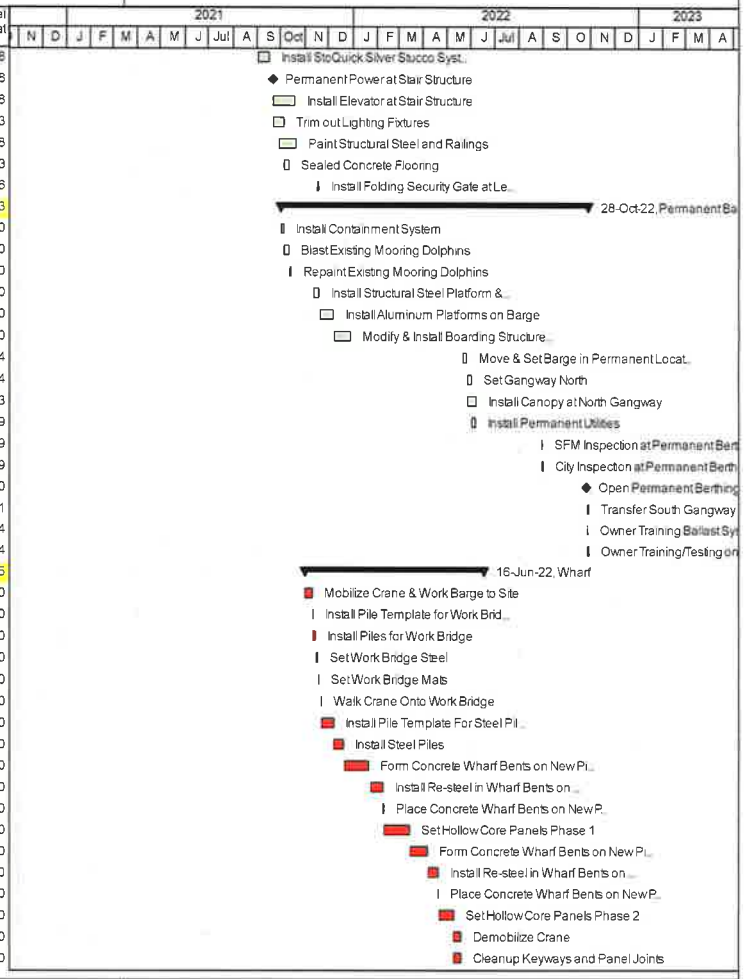
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP02V01_October 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8830	Install StoQuick Silver Stucco System at Ceiling	10	10	0%	02-Sep-21	16-Sep-21	188
7540	Permanent Power at Stair Structure	0	0	0%		20-Sep-21	218
7260	Install Elevator at Stair Structure	20	20	0%	21-Sep-21	18-Oct-21	218
8840	Trim out Lighting Fixtures	10	10	0%	21-Sep-21	04-Oct-21	223
8660	Paint Structural Steel and Railings	15	15	0%	29-Sep-21	19-Oct-21	188
9050	Sealed Concrete Flooring	5	5	0%	05-Oct-21	11-Oct-21	223
8750	Install Folding Security Gate at Level 1	2	2	0%	16-Nov-21	17-Nov-21	196
Permanent Barge		269	269		01-Oct-21	28-Oct-22	63
5012	Install Containment System	2	2	0%	01-Oct-21	04-Oct-21	170
5014	Blast Existing Mooring Dolphins	5	5	0%	05-Oct-21	11-Oct-21	170
5016	Repaint Existing Mooring Dolphins	3	3	0%	12-Oct-21	14-Oct-21	170
5020	Install Structural Steel Platform & Gangway Landing on Barge	5	5	0%	12-Nov-21	18-Nov-21	120
5022	Install Aluminum Platforms on Barge	10	10	0%	19-Nov-21	06-Dec-21	120
5024	Modify & Install Boarding Structures on Barge	15	15	0%	07-Dec-21	28-Dec-21	120
5030	Move & Set Barge in Permanent Location	4	4	0%	20-May-22	25-May-22	24
5040	Set Gangway North	3	3	0%	26-May-22	31-May-22	24
5050	Install Canopy at North Gangway	7	7	0%	26-May-22	06-Jun-22	63
5090	Install Permanent Utilities	4	4	0%	01-Jun-22	06-Jun-22	99
I1002	SFM Inspection at Permanent Berthing	1	1	0%	29-Aug-22	29-Aug-22	39
I1006	City Inspection at Permanent Berthing	1	1	0%	30-Aug-22	30-Aug-22	39
5100	Open Permanent Berthing	0	0	0%		25-Oct-22	0
5070	Transfer South Gangway from Temp Barge	3	3	0%	26-Oct-22	28-Oct-22	1
I1012	Owner Training Ballast System on Permanent Barge	1	1	0%	26-Oct-22	26-Oct-22	64
I1013	Owner Training/Testing on Mooring System	1	1	0%	27-Oct-22	27-Oct-22	64
Wharf		154	154		01-Nov-21	16-Jun-22	55
6050	Mobilize Crane & Work Barge to Site	8	8	0%	01-Nov-21	10-Nov-21	0
6062	Install Pile Template for Work Bridge	1	1	0%	11-Nov-21	11-Nov-21	0
6064	Install Piles for Work Bridge	2	2	0%	12-Nov-21	15-Nov-21	0
6072	Set Work Bridge Steel	3	3	0%	16-Nov-21	18-Nov-21	0
6074	Set Work Bridge Mats	1	1	0%	19-Nov-21	19-Nov-21	0
6076	Walk Crane Onto Work Bridge	1	1	0%	22-Nov-21	22-Nov-21	0
6002	Install Pile Template For Steel Piles	9	9	0%	23-Nov-21	07-Dec-21	0
6004	Install Steel Piles	9	9	0%	08-Dec-21	20-Dec-21	0
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	0%	21-Dec-21	21-Jan-22	0
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	0%	24-Jan-22	08-Feb-22	0
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	0%	09-Feb-22	09-Feb-22	0
6090	Set Hollow Core Panels Phase 1	18	18	0%	10-Feb-22	14-Mar-22	0
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	0%	15-Mar-22	06-Apr-22	0
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	0%	07-Apr-22	19-Apr-22	0
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	0%	20-Apr-22	20-Apr-22	0
6100	Set Hollow Core Panels Phase 2	13	13	0%	21-Apr-22	09-May-22	0
6110	Demobilize Crane	8	8	0%	10-May-22	19-May-22	0
6130	Cleanup Keyways and Panel Joints	8	8	0%	10-May-22	19-May-22	0



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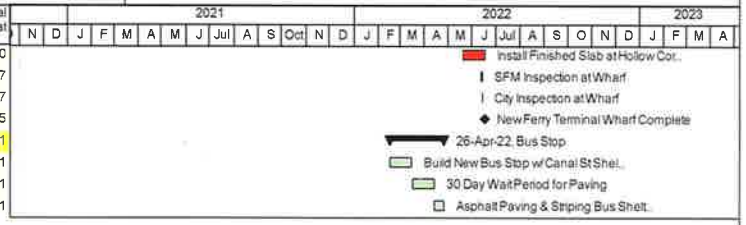
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
6030	Install Finished Slab at Hollow Core	19	19	0%	20-May-22	16-Jun-22	0
I1003	SFM Inspection at Wharf	1	1	0%	13-Jun-22	13-Jun-22	57
I107	City Inspection at Wharf	1	1	0%	14-Jun-22	14-Jun-22	57
6040	New Ferry Terminal Wharf Complete	0	0	0%		16-Jun-22	55
Bus Stop		45	45		16-Feb-22	26-Apr-22	91
7360	Build New Bus Stop w/ Canal St Shelter	16	16	0%	16-Feb-22	16-Mar-22	91
7510	30 Day Wait Period for Paving	20	20	0%	17-Mar-22	13-Apr-22	91
7520	Asphalt Paving & Striping Bus Shelter	9	9	0%	14-Apr-22	26-Apr-22	91



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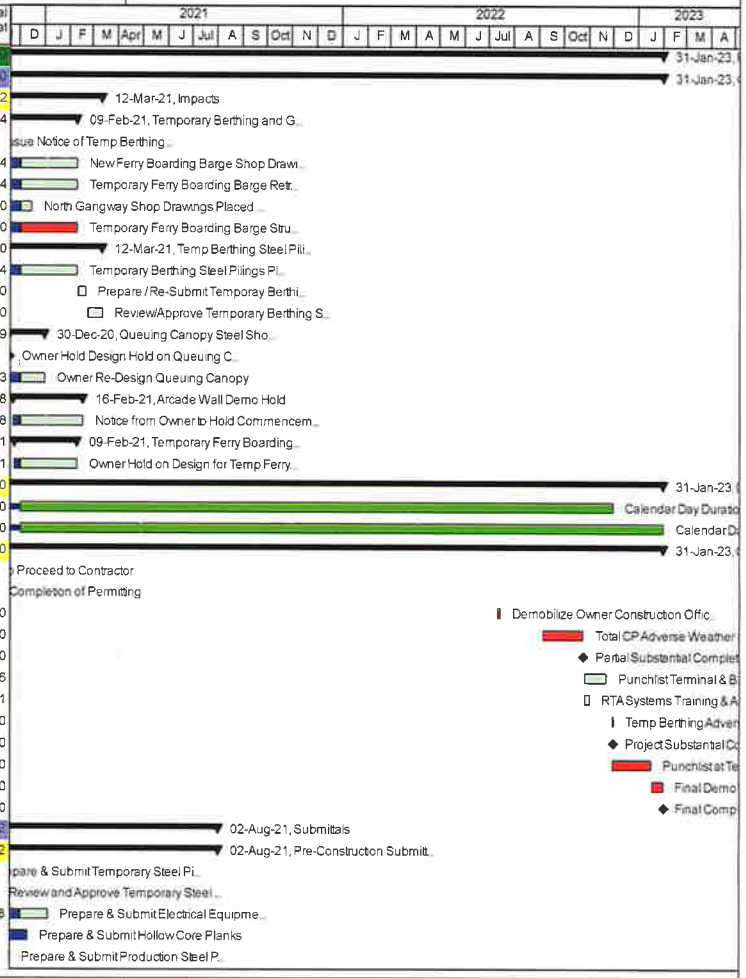
Update 3 – Full Schedule

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP_3V01_November 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
General		595	595		10-Sep-20 A	31-Jan-23	0
Impacts		122	67		11-Sep-20 A	12-Mar-21	272
Temporary Berthing and Gangway Re-Design		0	71		11-Sep-20 A	09-Feb-21	104
Impact-1000	Owner Issue Notice of Temp Berthing Re-Design	0	0	100%	11-Sep-20 A		
Impact-1001	New Ferry Boarding Barge Shop Drawings Placed on Hold	0	71	0%	11-Sep-20 A	09-Feb-21	64
Impact-1002	Temporary Ferry Boarding Barge Retrofit Placed on Hold	0	71	0%	11-Sep-20 A	09-Feb-21	104
Impact-1003	North Gangway Shop Drawings Placed on Hold	0	15	0%	11-Sep-20 A	15-Dec-20	50
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Ho	0	71	0%	11-Sep-20 A	09-Feb-21	0
Temp Berthing Steel Piling Hold		86	67		03-Nov-20 A	12-Mar-21	70
Impact-2000	Temporary Berthing Steel Pilings Placed on Hold	0	71	0%	03-Nov-20 A	09-Feb-21	104
Impact-2010	Prepare / Re-Submit Temporay Berthing Steel Piling Submittal	5	5	0%	10-Feb-21	19-Feb-21	70
Impact-2020	Review/Approve Temporary Berthing Steel Piling Re-Submittal	15	15	0%	22-Feb-21	12-Mar-21	70
Queuing Canopy Steel Shop Drawing Hold		20	20		18-Nov-20 A	30-Dec-20	319
Impact-3000	Owner Hold Design Hold on Queuing Canopy Steel	0	0	100%	18-Nov-20 A		
Impact-3010	Owner Re-Design Queuing Canopy	30	30	0%	18-Nov-20 A	30-Dec-20	473
Arcade Wall Demo Hold		0	78		23-Nov-20 A	16-Feb-21	258
Impact-4000	Notice from Owner to Hold Commencement of Arcade Wall Demo Pending	0	78	0%	23-Nov-20 A	16-Feb-21	258
Temporary Ferry Boarding Barge Fendering Design Hold		0	71		24-Nov-20 A	09-Feb-21	111
Impact-5000	Owner Hold on Design for Temp Ferry Boarding Barge Fendering	0	71	0%	24-Nov-20 A	09-Feb-21	111
Duration Hammock		730	792		10-Sep-20 A	31-Jan-23	0
A1000	Calendar Day Duration to Substantial Completion (670)	670	730	0%	10-Sep-20 A	30-Nov-22	0
A1010	Calendar Day Duration to Final Completion (730)	730	792	0%	10-Sep-20 A	31-Jan-23	0
Construction Milestones		595	141		10-Sep-20 A	31-Jan-23	0
3030	Notice To Proceed to Contractor	0	0	100%	10-Sep-20 A		
3190	Completion of Permitting	27	0	100%	10-Sep-20 A	04-Nov-20 A	
2340	Demobilize Owner Construction Office	4	4	0%	12-Jul-22	15-Jul-22	0
3140	Total CP Adverse Weather Days - 36 workdays	36	36	0%	06-Sep-22	25-Oct-22	0
3050	Partial Substantial Completion -Terminal & Barge	0	0	0%		25-Oct-22	0
3080	Punchlist Terminal & Barge	20	20	0%	26-Oct-22	22-Nov-22	46
3160	RTA Systems Training & Acceptance	5	5	0%	26-Oct-22	01-Nov-22	61
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	0%	29-Nov-22	30-Nov-22	0
3170	Project Substantial Completion	0	0	0%		30-Nov-22	0
3150	Punchlist at Temporary Berthing	32	32	0%	01-Dec-22	17-Jan-23	0
3280	Final Demob from Site	10	10	0%	18-Jan-23	31-Jan-23	0
3090	Final Completion	0	0	0%		31-Jan-23	0
Submittals		184	165		14-Oct-20 A	02-Aug-21	252
Pre-Construction Submittals		184	165		14-Oct-20 A	02-Aug-21	252
2210	Prepare & Submit Temporary Steel Piling - 16" & 42"	5	0	100%	14-Oct-20 A	15-Oct-20 A	
2200	Review and Approve Temporary Steel Piling - 16" & 42"	15	0	100%	16-Oct-20 A	03-Nov-20 A	
2530	Prepare & Submit Electrical Equipment	100	22	59%	20-Oct-20 A	04-Jan-21	288
2390	Prepare & Submit Hollow Core Planks	75	0	100%	30-Oct-20 A	11-Dec-20 A	
8970	Prepare & Submit Production Steel Piling - 14"	5	0	100%	12-Nov-20 A	18-Nov-20 A	



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Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2710	Prepare & Submit Site Water Materials	50	43	0%	18-Nov-20 A	02-Feb-21	118
2730	Prepare & Submit Storm Drain Materials	50	43	0%	18-Nov-20 A	02-Feb-21	176
8980	Review and Approve Production Steel Piling - 14"	15	13	0%	19-Nov-20 A	17-Dec-20	124
2540	Review and Approve Electrical Equipment	15	15	0%	20-Nov-20 A	25-Jan-21	288
2310	Prepare and Submit for Structural Steel	40	38	0%	25-Nov-20 A	26-Jan-21	261
2590	Prepare & Submit Elevators	100	98	0%	25-Nov-20 A	27-Apr-21	229
2720	Review and Approve Site Water Materials	50	45	0%	25-Nov-20 A	13-Apr-21	118
2690	Prepare & Submit Site Sewer Materials	50	24	0%	26-Nov-20 A	06-Jan-21	205
2700	Review and Approve Site Sewer Materials	15	15	0%	30-Nov-20 A	27-Jan-21	205
2400	Review and Approve Hollow Core Planks	15	15	0%	01-Dec-20	21-Dec-20	242
2410	Prepare & Submit Perm Berthing Steel Boarding Structures	50	50	0%	01-Dec-20	17-Feb-21	242
2430	Prepare & Submit Prefabricated Bridge	75	75	0%	01-Dec-20	24-Mar-21	157
2450	Prepare & Submit Insulated Metal Wall Panels	150	150	0%	01-Dec-20	12-Jul-21	191
2470	Prepare & Submit Aluminum Composite Wall Panels	150	150	0%	01-Dec-20	12-Jul-21	195
2490	Prepare & Submit Perforated Metal Panels	150	150	0%	01-Dec-20	12-Jul-21	193
2510	Prepare & Submit HVAC Equipment	150	150	0%	01-Dec-20	12-Jul-21	214
2550	Prepare & Submit Aluminum Storefront & Doors	100	100	0%	01-Dec-20	29-Apr-21	235
2570	Prepare & Submit Fire Alarm Design	150	150	0%	01-Dec-20	12-Jul-21	170
2610	Prepare & Submit Fire Spinkler Design	150	150	0%	01-Dec-20	12-Jul-21	252
2650	Prepare & Submit Plumbing Fixtures	150	150	0%	01-Dec-20	12-Jul-21	242
2670	Prepare & Submit Lighting Fixtures	150	150	0%	01-Dec-20	12-Jul-21	207
2130	Prepare & Submit for Temp Barge Gangway	30	30	0%	16-Dec-20	29-Jan-21	33
2190	14" Wharf Steel Piling Manufacturing Date	0	0	0%	18-Dec-20		124
2750	Prepare & Submit Queuing Canopy Steel Shop Drawings	20	20	0%	31-Dec-20	28-Jan-21	319
2320	Review and Approve Structural Steel	15	15	0%	27-Jan-21	22-Feb-21	261
2760	Review & Approve Queuing Canopy Steel Shop Drawings	15	15	0%	29-Jan-21	24-Feb-21	319
2240	Review and Approve Temp Barge Gangway	15	15	0%	01-Feb-21	25-Feb-21	33
2740	Review and Approve Storm Drain Materials	15	15	0%	03-Feb-21	01-Mar-21	176
2250	Prepare & Submi Berthing Steel Boarding Structures	25	25	0%	10-Feb-21	19-Mar-21	45
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	30	0%	10-Feb-21	26-Mar-21	0
2630	Prepare & Submit New Permanent Barge	45	45	0%	10-Feb-21	19-Apr-21	120
2420	Review and Approve Perm Berthing Steel Boarding Structures	15	15	0%	18-Feb-21	10-Mar-21	242
2330	16" Wharf Approach Pile Roll Date	0	0	0%	15-Mar-21		70
2270	Review and Approve Temp Berthing Steel Boarding Structures	15	15	0%	22-Mar-21	12-Apr-21	45
2440	Review and Approve Prefabricated Bridge	15	15	0%	25-Mar-21	15-Apr-21	157
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	15	0%	29-Mar-21	19-Apr-21	0
2640	Review and Approve New Permanent Barge	15	15	0%	20-Apr-21	10-May-21	120
2600	Review and Approve Elevators	15	15	0%	28-Apr-21	18-May-21	229
2560	Review and Approve Aluminum Storefront and Doors	15	15	0%	30-Apr-21	20-May-21	235
2460	Review and Approve Insulated Metal Wall Panels	15	15	0%	13-Jul-21	02-Aug-21	191
2480	Review and Approve Aluminum Composite Wall Panels	15	15	0%	13-Jul-21	02-Aug-21	195
2500	Review and Approve Perforated metal Panels	15	15	0%	13-Jul-21	02-Aug-21	193
2520	Review and Approve HVAC Equipment	15	15	0%	13-Jul-21	02-Aug-21	214

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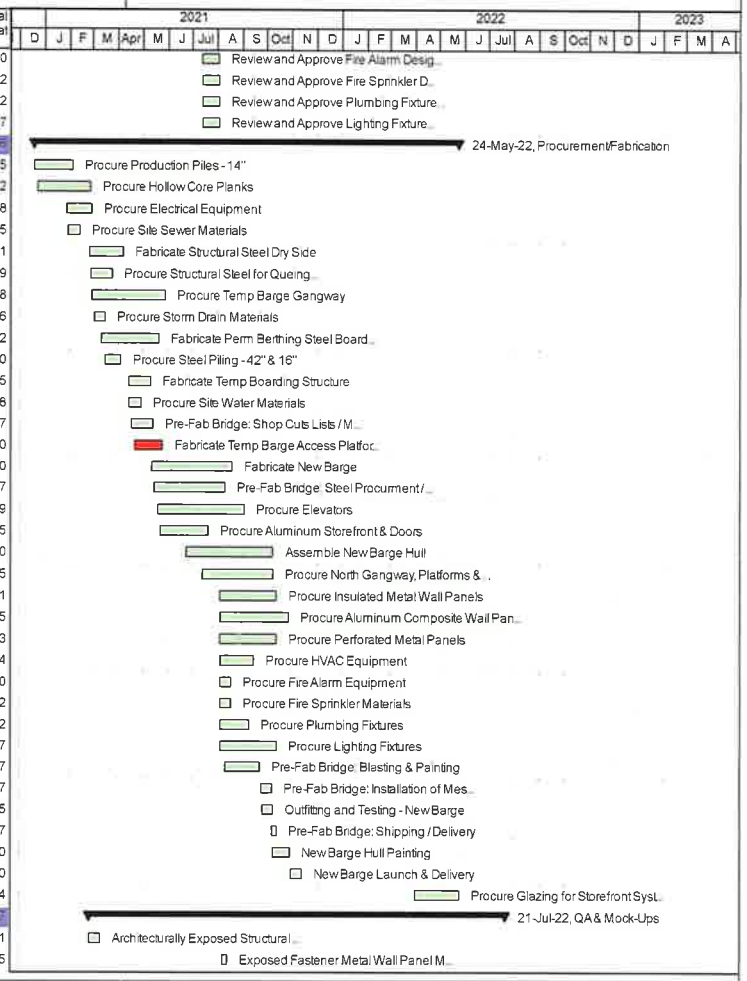
Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2580	Review and Approve Fire Alarm Design	15	15	0%	13-Jul-21	02-Aug-21	170
2620	Review and Approve Fire Sprinkler Design	15	15	0%	13-Jul-21	02-Aug-21	252
2660	Review and Approve Plumbing Fixtures	15	15	0%	13-Jul-21	02-Aug-21	242
2680	Review and Approve Lighting Fixtures	15	15	0%	13-Jul-21	02-Aug-21	207
Procurement/Fabrication		353	353		18-Dec-20	24-May-22	0
2230	Procure Production Piles - 14"	30	30	0%	18-Dec-20	02-Feb-21	185
2950	Procure Hollow Core Planks	40	40	0%	22-Dec-20	24-Feb-21	242
3010	Procure Electrical Equipment	20	20	0%	26-Jan-21	26-Feb-21	288
3250	Procure Site Sewer Materials	10	10	0%	28-Jan-21	11-Feb-21	205
7300	Fabricate Structural Steel Dry Side	31	31	0%	23-Feb-21	06-Apr-21	261
2770	Procure Structural Steel for Queing Canopy	20	20	0%	25-Feb-21	24-Mar-21	319
2140	Procure Temp Barge Gangway	91	91	0%	26-Feb-21	27-May-21	48
3270	Procure Storm Drain Materials	10	10	0%	02-Mar-21	15-Mar-21	176
2960	Fabricate Perm Berthing Steel Boarding Structures	50	50	0%	11-Mar-21	20-May-21	242
2180	Procure Steel Piling - 42" & 16"	15	15	0%	15-Mar-21	02-Apr-21	70
2120	Fabricate Temp Boarding Structure	20	20	0%	13-Apr-21	10-May-21	45
3260	Procure Site Water Materials	10	10	0%	14-Apr-21	27-Apr-21	118
7440	Pre-Fab Bridge: Shop Cuts Lists / Material Ordering	20	20	0%	16-Apr-21	13-May-21	157
2040	Fabricate Temp Barge Access Platform & Ramp	25	25	0%	20-Apr-21	24-May-21	0
5000	Fabricate New Barge	70	70	0%	11-May-21	18-Aug-21	120
7442	Pre-Fab Bridge: Steel Procurment / Fabrication	60	60	0%	14-May-21	09-Aug-21	157
3210	Procure Elevators	75	75	0%	19-May-21	02-Sep-21	229
3020	Procure Aluminum Storefront & Doors	40	40	0%	21-May-21	19-Jul-21	235
5001	Assemble New Barge Hull	75	75	0%	23-Jun-21	07-Oct-21	120
5060	Procure North Gangway, Platforms & Support Structures	62	62	0%	13-Jul-21	07-Oct-21	145
2970	Procure Insulated Metal Wall Panels	50	50	0%	03-Aug-21	12-Oct-21	191
2980	Procure Aluminum Composite Wall Panels	60	60	0%	03-Aug-21	26-Oct-21	195
2990	Procure Perforated Metal Panels	50	50	0%	03-Aug-21	12-Oct-21	193
3000	Procure HVAC Equipment	30	30	0%	03-Aug-21	14-Sep-21	214
3200	Procure Fire Alarm Equipment	10	10	0%	03-Aug-21	16-Aug-21	170
3220	Procure Fire Sprinkler Materials	10	10	0%	03-Aug-21	16-Aug-21	252
3230	Procure Plumbing Fixtures	25	25	0%	03-Aug-21	07-Sep-21	242
3240	Procure Lighting Fixtures	50	50	0%	03-Aug-21	12-Oct-21	207
7444	Pre-Fab Bridge: Blasting & Painting	30	30	0%	10-Aug-21	21-Sep-21	157
7446	Pre-Fab Bridge: Installation of Mesh Panels	10	10	0%	22-Sep-21	05-Oct-21	157
5002	Outfitting and Testing - New Barge	10	10	0%	24-Sep-21	07-Oct-21	145
7448	Pre-Fab Bridge: Shipping / Delivery	4	4	0%	06-Oct-21	11-Oct-21	157
5003	New Barge Hull Painting	15	15	0%	08-Oct-21	28-Oct-21	120
5004	New Barge Launch & Delivery	10	10	0%	29-Oct-21	11-Nov-21	120
7860	Procure Glazing for Storefront System	40	40	0%	30-Mar-22	24-May-22	34
QA & Mock-Ups		458	357		23-Feb-21	21-Jul-22	27
QA1030	Architecturally Exposed Structural Steel Mock-Ups - 05 12 13	10	10	0%	23-Feb-21	08-Mar-21	261
QA1080	Exposed Fastener Metal Wall Panel Mockup - 07 42 14	5	5	0%	06-Aug-21	12-Aug-21	235



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RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP_3V01_November 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
QA1110	Surface Prep for High Performance Coating Mockup - 09 96 00	4	4	0%	06-Aug-21	11-Aug-21	214
QA1050	Fluid Applied Membrane Air Barrier Mockup - 07 27 26	5	5	0%	17-Sep-21	23-Sep-21	170
QA1060	Fluid Applied Membrane Infiltration Testing of Mockup - 07 27 26	3	3	0%	24-Sep-21	28-Sep-21	170
QA1070	Fluid Applied Membrane Adhesion Testing of Mockup - 07 27 26	3	3	0%	24-Sep-21	28-Sep-21	170
QA1120	Lighted Signage Mockup - 10 14 00	10	10	0%	08-Dec-21	21-Dec-21	170
QA1130	Exposed Aggregate Concrete Paving Mockup - 32 13 13	25	25	0%	21-Dec-21	26-Jan-22	95
QA1040	Modified Bituminous Air Barrier Mock-Up - 07 27 13	4	4	0%	11-Apr-22	14-Apr-22	38
QA1090	Firestopping In Place Samples - 07 84 00	2	2	0%	19-May-22	20-May-22	49
QA1100	Resinous Matrix Terrazo Flooring - 09 66 23	4	4	0%	05-Jul-22	08-Jul-22	26
QA1020	Cleaning of Existing Concrete Mock-Up - 03 01 35	4	4	0%	18-Jul-22	21-Jul-22	27
Temporary Work		500	466		09-Nov-20 A	28-Nov-22	0
Sitework		172	5		09-Nov-20 A	02-Aug-21	46
2080	Mobe Temp Const Fence & Secure Partial Site	5	0	100%	09-Nov-20 A	09-Nov-20 A	
2090	Establish Temp Pwr to Canal St Fire Pump	5	5	0%	27-Jul-21	02-Aug-21	46
2290	Expand Temp Const Fence & Secure Full Site	3	3	0%	27-Jul-21	29-Jul-21	0
West Plaza Tower & Bridge		3	3		14-Jan-21	18-Jan-21	402
2110	Install Temp Roof at Vault	3	3	0%	14-Jan-21	18-Jan-21	402
Temporary Barge		378	378		25-May-21	28-Nov-22	0
2032	Set Boarding Structure On Temp. Barge	4	4	0%	25-May-21	28-May-21	0
2350	Remove Existing Fendering	5	5	0%	01-Jun-21	07-Jun-21	0
2050	Install Temp Access Platform & Ramp on Barge	13	13	0%	08-Jun-21	24-Jun-21	0
2360	Install New Fendering	4	4	0%	08-Jun-21	11-Jun-21	5
2370	Remove & Relocate Existing Loading Plaform	2	2	0%	14-Jun-21	15-Jun-21	5
2380	Remove & Relocate Existing Light Pole	2	2	0%	16-Jun-21	17-Jun-21	5
2220	Relocate Temp Barge from Yard to Audubon	2	2	0%	25-Jun-21	28-Jun-21	0
2060	Splice Up River Mono Piles	3	3	0%	29-Jun-21	01-Jul-21	0
2300	Splice Down River Mono Piles	4	4	0%	02-Jul-21	08-Jul-21	0
2232	Splice Temporary Barge Access Platform Piles	2	2	0%	09-Jul-21	12-Jul-21	0
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	2	0%	13-Jul-21	14-Jul-21	0
2030	Install Gangway & Boarding Structure	8	8	0%	15-Jul-21	26-Jul-21	0
2150	Install Temporary Elec to Barge	6	6	0%	19-Jul-21	26-Jul-21	0
2020	Establish Temp Ped Walkway	4	4	0%	21-Jul-21	26-Jul-21	0
I1001	SFM Inspection at Temp Berthing	1	1	0%	23-Jul-21	23-Jul-21	0
I1011	Owner Training Ballast System on Temp Barge	1	1	0%	23-Jul-21	23-Jul-21	1
I1005	City Inspection at Temp Berthing	1	1	0%	26-Jul-21	26-Jul-21	0
2070	Open Temp Berthing for Passenger Use	0	0	0%		26-Jul-21	0
2170	Close Temp Berthing for Passenger Use	0	0	0%		25-Oct-22	0
2164	Terminate All Utilities	4	4	0%	26-Oct-22	31-Oct-22	0
2166	Relocate Temp Barge To RTA	1	1	0%	01-Nov-22	01-Nov-22	0
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	0%	02-Nov-22	17-Nov-22	0
2168	Cut & Remove Mono Piles	5	5	0%	18-Nov-22	28-Nov-22	0
Demolition		231	224		11-Nov-20 A	25-Oct-21	15
Terminal Building & East Tower		59	59		03-Aug-21	25-Oct-21	38

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RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP_3V01_November 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
1040	Demolish Existing Ferry Terminal Building	18	18	0%	03-Aug-21	26-Aug-21	46
1110	Sawcut and Remove Land Arcade Wall	15	15	0%	27-Aug-21	17-Sep-21	46
1060	Sawcut and Remove Marine Arcade Wall	18	18	0%	30-Sep-21	25-Oct-21	38
West Plaza Tower & Bridge		25	18		11-Nov-20 A	28-Dec-20	174
1140	Make Safe- Utility Demolition from Building	5	0	100%	11-Nov-20 A	13-Nov-20 A	
1090	Demo Hammerhead & Ramp to Bridge	10	9	0%	16-Nov-20 A	11-Dec-20	174
1100	Demo Existing Bridge at RR Tracks	8	3	0%	24-Nov-20 A	16-Dec-20	174
1070	Demo Elevated Walkway Bridge @ Floodwall	5	2	0%	30-Nov-20 A	18-Dec-20	174
1130	Demo Power and Communication Lines at OCS Pole	3	3	0%	01-Dec-20	03-Dec-20	180
1160	Establish Temporary Utilities to Barge & Fire Pump	5	5	0%	01-Dec-20	07-Dec-20	174
1080	Sawcut & Remove 2nd Floor CL 3-4 over Vault	4	4	0%	21-Dec-20	28-Dec-20	174
Existing Barge		47	47		27-Jul-21	30-Sep-21	170
1150	Disconnect Existing Utilities from Barge	2	2	0%	27-Jul-21	28-Jul-21	7
1020	Demolish Gangway & Access Platforms	10	10	0%	30-Jul-21	12-Aug-21	0
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	0%	09-Aug-21	12-Aug-21	0
1030	Demolish Vehicle Ramp	15	15	0%	13-Aug-21	02-Sep-21	0
1120	Demolish Pedestrian Ramp Over Water	9	9	0%	03-Sep-21	16-Sep-21	0
1050	Demolish Lifting Towers	10	10	0%	17-Sep-21	30-Sep-21	170
Construction		458	458		29-Dec-20	28-Oct-22	68
Terminal Building & East Tower		222	222		17-Sep-21	09-Aug-22	120
Sitework & Underground - East		215	215		17-Sep-21	29-Jul-22	25
8100	Flood Side Exploratory Exc & Survey Property	9	9	0%	17-Sep-21	29-Sep-21	0
8110	Redesign Based on Flood Side Exploration Results	10	10	0%	30-Sep-21	13-Oct-21	0
8080	Fire Prot Water Line Temp Relocation Wet Side	13	13	0%	14-Oct-21	01-Nov-21	33
7050	Install New Firelines to Fire Pump and Demolish Existing	12	12	0%	14-Oct-21	29-Oct-21	0
7550	Demolish Water Valves and Fire Hydrant	2	2	0%	11-Nov-21	12-Nov-21	18
7570	Install new 6" waterline and Fire Hydrant	6	6	0%	15-Nov-21	22-Nov-21	18
7610	Remove Existing Irrigation System and Cap	2	2	0%	15-Nov-21	16-Nov-21	22
7000	Site Grading for Terminal Foundation	5	5	0%	23-Nov-21	01-Dec-21	18
7600	Tie In 6" Sewer Line to existing	3	3	0%	03-Feb-22	07-Feb-22	62
7580	Install new underground water lines	10	10	0%	08-Feb-22	22-Feb-22	62
8000	Form and Pour Concrete Planter Walls	16	16	0%	16-Feb-22	16-Mar-22	55
7590	Install new FDC in Planter	4	4	0%	17-Mar-22	22-Mar-22	113
8060	Finegrade Site Wet Side of Flood Wall for Paving	9	9	0%	20-May-22	02-Jun-22	4
8150	Set Bollards Around Site	3	3	0%	03-Jun-22	07-Jun-22	7
8270	Set Linear Trench Drains in Site Paving	6	6	0%	03-Jun-22	10-Jun-22	4
8020	Install Aluminum Stairs and Ramps at Spanish Plaza	8	8	0%	07-Jun-22	16-Jun-22	55
8120	Install Site Paving from Wharf to Flood Wall	20	20	0%	17-Jun-22	15-Jul-22	0
8050	Install Pavers at Spanish Plaza & Arcade Wall	10	10	0%	18-Jul-22	29-Jul-22	25
8010	Install Crushed Limestone at Flood Wall	4	4	0%	18-Jul-22	21-Jul-22	31
8260	Set Bike Racks On Paving	1	1	0%	18-Jul-22	18-Jul-22	34
8090	Set Prefabricated Metal Planters	1	1	0%	22-Jul-22	22-Jul-22	27
8070	Install Landscaping in Planters	3	3	0%	25-Jul-22	27-Jul-22	27

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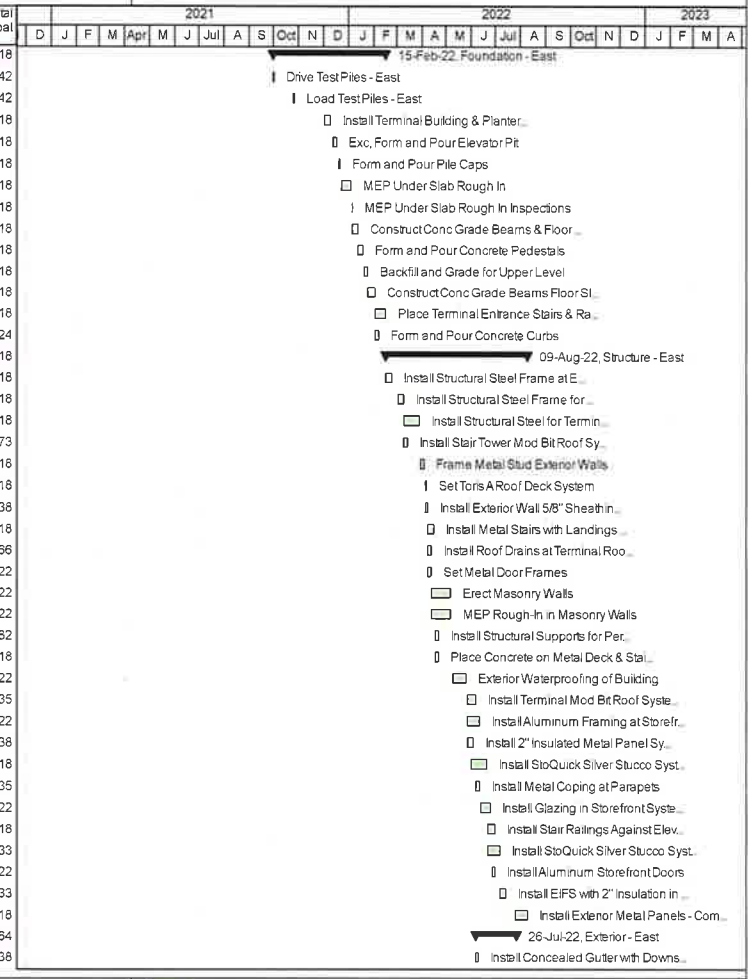
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
Foundation - East		95	95		30-Sep-21	15-Feb-22	18
9160	Drive Test Piles - East	2	2	0%	30-Sep-21	01-Oct-21	42
9170	Load Test Piles - East	2	2	0%	25-Oct-21	26-Oct-21	42
7020	Install Terminal Building & Planter Timber Piles - 92 ea	7	7	0%	02-Dec-21	10-Dec-21	18
7620	Exc, Form and Pour Elevator Pit	5	5	0%	13-Dec-21	17-Dec-21	18
7630	Form and Pour Pile Caps	3	3	0%	20-Dec-21	22-Dec-21	18
7650	MEP Under Slab Rough In	7	7	0%	23-Dec-21	04-Jan-22	18
7660	MEP Under Slab Rough In Inspections	1	1	0%	05-Jan-22	05-Jan-22	18
7680	Construct Conc Grade Beams & Floor Slab Lower Level	5	5	0%	06-Jan-22	12-Jan-22	18
7640	Form and Pour Concrete Pedestals	5	5	0%	13-Jan-22	19-Jan-22	18
7670	Backfill and Grade for Upper Level	3	3	0%	20-Jan-22	24-Jan-22	18
7690	Construct Conc Grade Beams Floor Slab & Entrance Slab Upper Level	7	7	0%	25-Jan-22	02-Feb-22	18
7040	Place Terminal Entrance Stairs & Ramp	9	9	0%	03-Feb-22	15-Feb-22	18
7700	Form and Pour Concrete Curbs	3	3	0%	03-Feb-22	07-Feb-22	24
Structure - East		118	118		16-Feb-22	09-Aug-22	18
7710	Install Structural Steel Frame at Elevator Shaft	5	5	0%	16-Feb-22	23-Feb-22	18
7740	Install Structural Steel Frame for Plaza Tower w/ Decking	6	6	0%	02-Mar-22	09-Mar-22	18
7720	Install Structural Steel for Terminal Building	14	14	0%	10-Mar-22	29-Mar-22	18
7910	Install Stair Tower Mod Bit Roof System w/ Insulation	3	3	0%	10-Mar-22	14-Mar-22	73
7800	Frame Metal Stud Exterior Walls	4	4	0%	30-Mar-22	04-Apr-22	16
7730	Set Toris A Roof Deck System	3	3	0%	05-Apr-22	07-Apr-22	18
7810	Install Exterior Wall 5/8" Sheathing	4	4	0%	05-Apr-22	08-Apr-22	38
7760	Install Metal Stairs with Landings and Rails	6	6	0%	08-Apr-22	15-Apr-22	18
7830	Install Roof Drains at Terminal Roof	4	4	0%	08-Apr-22	13-Apr-22	66
7030	Set Metal Door Frames	3	3	0%	08-Apr-22	12-Apr-22	22
7070	Erect Masonry Walls	18	18	0%	13-Apr-22	06-May-22	22
8580	MEP Rough-In in Masonry Walls	18	18	0%	13-Apr-22	06-May-22	22
7750	Install Structural Supports for Perforated Panels	4	4	0%	18-Apr-22	21-Apr-22	82
7790	Place Concrete on Metal Deck & Stairs	4	4	0%	18-Apr-22	21-Apr-22	18
7280	Exterior Waterproofing of Building	14	14	0%	09-May-22	26-May-22	22
7150	Install Terminal Mod Bit Roof System with Insulation	6	6	0%	27-May-22	06-Jun-22	35
7850	Install Aluminum Framing at Storefront System	10	10	0%	27-May-22	10-Jun-22	22
7940	Install 2" Insulated Metal Panel System at Terminal	5	5	0%	27-May-22	03-Jun-22	38
7400	Install StoQuick Silver Stucco System on Shaft	14	14	0%	01-Jun-22	20-Jun-22	18
7900	Install Metal Coping at Parapets	4	4	0%	07-Jun-22	10-Jun-22	35
7870	Install Glazing in Storefront System	10	10	0%	13-Jun-22	24-Jun-22	22
7770	Install Stair Railings Against Elevator Shaft	8	8	0%	21-Jun-22	30-Jun-22	18
7950	Install StoQuick Silver Stucco System at Ceiling	10	10	0%	21-Jun-22	05-Jul-22	33
7880	Install Aluminum Storefront Doors	4	4	0%	27-Jun-22	30-Jun-22	22
7960	Install EIFS with 2" Insulation in Stairwell at Block Wall	6	6	0%	06-Jul-22	13-Jul-22	33
7220	Install Exterior Metal Panels - Comp. & Perf.	12	12	0%	25-Jul-22	09-Aug-22	18
Exterior - East		36	36		06-Jun-22	26-Jul-22	64
7840	Install Concealed Gutter with Downspouts	4	4	0%	06-Jun-22	09-Jun-22	38



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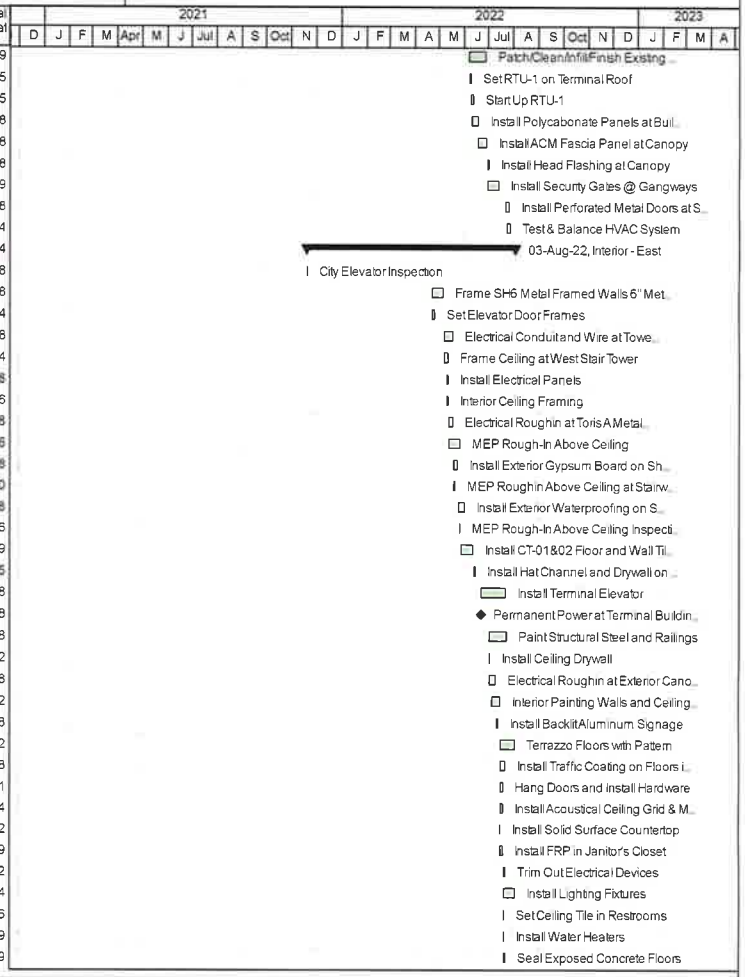
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP_3V01_November 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8040	Patch/Clean/Infill/Finish Existing Arcade Wall	15	15	0%	07-Jun-22	27-Jun-22	39
8460	Set RTU-1 on Terminal Roof	1	1	0%	07-Jun-22	07-Jun-22	35
8470	Start Up RTU-1	3	3	0%	08-Jun-22	10-Jun-22	35
8990	Install Polycabonate Panels at Building Canopy	5	5	0%	10-Jun-22	16-Jun-22	38
7890	Install ACM Fascia Panel at Canopy	7	7	0%	17-Jun-22	27-Jun-22	38
7820	Install Head Flashing at Canopy	3	3	0%	28-Jun-22	30-Jun-22	38
7140	Install Security Gates @ Gangways	8	8	0%	29-Jun-22	11-Jul-22	39
7920	Install Perforated Metal Doors at Stairwell	3	3	0%	21-Jul-22	25-Jul-22	28
9150	Test & Balance HVAC System	3	3	0%	22-Jul-22	26-Jul-22	64
Interior - East		173	173		19-Nov-21	03-Aug-22	124
I1010	City Elevator Inspection	1	1	0%	19-Nov-21	19-Nov-21	228
9080	Frame SH6 Metal Framed Walls 6" Metal Studs with Shaft Liner Board at Tov	10	10	0%	22-Apr-22	05-May-22	18
9120	Set Elevator Door Frames	2	2	0%	22-Apr-22	25-Apr-22	34
9090	Electrical Conduit and Wire at Tower	8	8	0%	06-May-22	17-May-22	18
9100	Frame Ceiling at West Stair Tower	4	4	0%	06-May-22	11-May-22	54
8460	Install Electrical Panels	3	3	0%	09-May-22	11-May-22	118
9020	Interior Ceiling Framing	3	3	0%	09-May-22	11-May-22	46
8030	Electrical Roughin at Toris A Metal Decking	3	3	0%	12-May-22	16-May-22	118
8370	MEP Rough-In Above Ceiling	10	10	0%	12-May-22	25-May-22	46
9130	Install Exterior Gypsum Board on Shaft Walls	4	4	0%	18-May-22	23-May-22	18
9110	MEP Roughin Above Ceiling at Stairwell	2	2	0%	18-May-22	19-May-22	50
9140	Install Exterior Waterproofing on Shaft Walls	5	5	0%	24-May-22	31-May-22	18
8380	MEP Rough-In Above Ceiling Inspection	1	1	0%	26-May-22	26-May-22	46
8280	Install CT-01&02 Floor and Wall Tile in Restrooms	10	10	0%	27-May-22	10-Jun-22	49
7980	Install Hat Channel and Drywall on Masonry Walls	1	1	0%	13-Jun-22	13-Jun-22	35
7200	Install Terminal Elevator	21	21	0%	21-Jun-22	20-Jul-22	68
7530	Permanent Power at Terminal Building	0	0	0%	21-Jun-22		68
7780	Paint Structural Steel and Railings	15	15	0%	01-Jul-22	22-Jul-22	18
8390	Install Ceiling Drywall	1	1	0%	01-Jul-22	01-Jul-22	22
8410	Electrical Roughin at Exterior Canopy	5	5	0%	01-Jul-22	08-Jul-22	38
7990	Interior Painting Walls and Ceilings	6	6	0%	05-Jul-22	14-Jul-22	22
7970	Install Backlit Aluminum Signage	2	2	0%	11-Jul-22	12-Jul-22	38
7190	Terrazzo Floors with Pattern	12	12	0%	15-Jul-22	01-Aug-22	22
8300	Install Traffic Coating on Floors in Stairwell	4	4	0%	15-Jul-22	20-Jul-22	28
8310	Hang Doors and Install Hardware	2	2	0%	15-Jul-22	18-Jul-22	31
8360	Install Acoustical Ceiling Grid & Metal Framing	2	2	0%	15-Jul-22	18-Jul-22	24
8430	Install Solid Surface Countertop	1	1	0%	15-Jul-22	15-Jul-22	32
8440	Install FRP in Janitor's Closet	2	2	0%	15-Jul-22	18-Jul-22	29
8340	Trim Out Electrical Devices	2	2	0%	19-Jul-22	20-Jul-22	32
8350	Install Lighting Fixtures	10	10	0%	19-Jul-22	01-Aug-22	24
8420	Set Ceiling Tile in Restrooms	1	1	0%	19-Jul-22	19-Jul-22	26
8450	Install Water Heaters	1	1	0%	19-Jul-22	19-Jul-22	29
8290	Seal Exposed Concrete Floors	2	2	0%	20-Jul-22	21-Jul-22	29



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Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8400	Trim Out Mechanical	2	2	0%	20-Jul-22	21-Jul-22	26
8320	Set Plumbing Fixtures	2	2	0%	22-Jul-22	25-Jul-22	26
7930	Install Folding Security Gate at Stairwell	1	1	0%	26-Jul-22	26-Jul-22	28
8330	Install Toilet Accessories & Other Specialties	3	3	0%	26-Jul-22	28-Jul-22	26
I1004	SFM Inspection at Terminal Building & Towers	1	1	0%	29-Jul-22	29-Jul-22	60
I1009	Owner Training Terminal Systems	1	1	0%	29-Jul-22	29-Jul-22	127
I1008	City Inspection Terminal Building & Towers	1	1	0%	01-Aug-22	01-Aug-22	60
8490	Install FF&E	2	2	0%	02-Aug-22	03-Aug-22	22
Queuing Canopy		43	43		06-Jun-22	04-Aug-22	21
7100	Install Queuing Canopy Structural Steel	17	17	0%	06-Jun-22	28-Jun-22	21
8500	Set Light Post LC-1	1	1	0%	29-Jun-22	29-Jun-22	39
8510	Install Queuing Rails and Fence	6	6	0%	29-Jun-22	07-Jul-22	21
8520	Paint Queuing Canopy Steels and Rails	9	9	0%	08-Jul-22	20-Jul-22	21
8530	Install Queuing Canopy Standing Seam Mtl Roof	4	4	0%	21-Jul-22	26-Jul-22	25
8540	Install ACM Fascia Panels at Queuing Canopy	6	6	0%	21-Jul-22	28-Jul-22	21
8550	Install Queuing Canopy Lighting Fixtures	3	3	0%	27-Jul-22	29-Jul-22	25
8560	Install Metal Flashing at ACM Panels	2	2	0%	29-Jul-22	01-Aug-22	21
8570	Install Lighted Signs at Queuing Canopy	3	3	0%	02-Aug-22	04-Aug-22	21
West Plaza Tower & Bridge		419	419		29-Dec-20	02-Sep-22	102
Sitework & Underground - West		419	419		29-Dec-20	02-Sep-22	102
8130	Dry Side Exploratory Exc & Survey of Property	5	5	0%	29-Dec-20	05-Jan-21	174
8140	Redesign Based on Dry Side Exploration Results	6	6	0%	06-Jan-21	13-Jan-21	215
8200	Relocate Underground Storm Drain Lines	10	10	0%	16-Mar-21	29-Mar-21	176
8190	Relocate Underground Sewer Lines	15	15	0%	30-Mar-21	20-Apr-21	176
8220	Tie in Storm Drain in Conv Ctr Blvd	2	2	0%	30-Mar-21	31-Mar-21	203
8230	Close Driving Lane in Conv Ctr Blvd	2	2	0%	30-Mar-21	31-Mar-21	209
8170	Demolish and Sand Fill Storm Drain Lines	11	11	0%	01-Apr-21	16-Apr-21	203
8180	Relocate Underground Water Lines	12	12	0%	21-Apr-21	06-May-21	176
8240	Tie in Sewer to Existing Manhole	2	2	0%	21-Apr-21	22-Apr-21	191
8160	Demolish and Sand Fill Sewer Line	8	8	0%	23-Apr-21	04-May-21	191
8250	Tie in Water Line to Existing	2	2	0%	07-May-21	10-May-21	176
8210	Demolish and Sand Fill Relocated Water Line	6	6	0%	11-May-21	18-May-21	176
7010	Site Grading for Stair Tower Foundation	5	5	0%	19-May-21	25-May-21	176
7380	Interaction with Public Belt Rail Traffic	0	0	0%	19-May-21	19-May-21	426
7460	Relocate Fencing for 4 Seasons Hardscape Work	5	5	0%	26-May-21	02-Jun-21	239
7500	4 Seasons Subsurface & Fine Grade	15	15	0%	03-Jun-21	23-Jun-21	239
7502	4 Seasons Hardscape	11	11	0%	24-Jun-21	09-Jul-21	239
7504	4 Seasons Landscaping	5	5	0%	12-Jul-21	16-Jul-21	239
7490	Relocate Fencing onto 4 Seasons Hardscape	5	5	0%	19-Jul-21	23-Jul-21	239
8960	Install Landscaping Under Drain Lines	5	5	0%	26-Jul-21	30-Jul-21	264
7470	Install West Tower Hardscape	15	15	0%	01-Apr-22	21-Apr-22	70
5080	Set Trash Receptacles & Mounted Signs	5	5	0%	22-Apr-22	28-Apr-22	89
8930	Demolition of Existing Paving at Main Entrance	17	17	0%	17-Jun-22	12-Jul-22	18

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APC Construction Company

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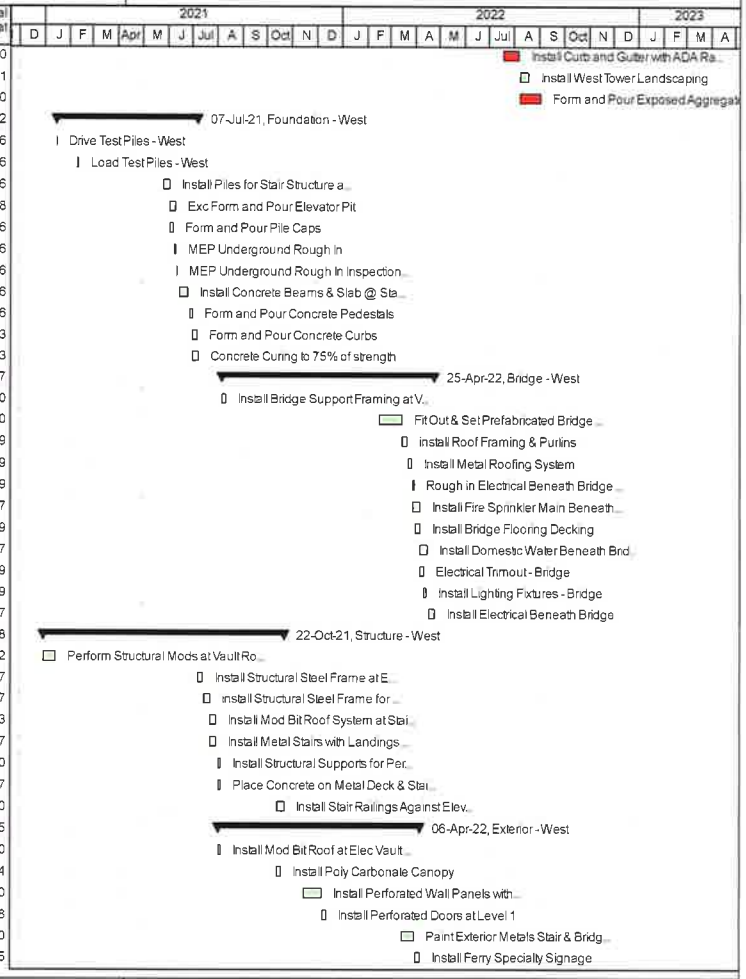
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP_3V01_November 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8950	Install Curb and Gutter with ADA Ramps	15	15	0%	18-Jul-22	05-Aug-22	0
7480	Install West Tower Landscaping	9	9	0%	08-Aug-22	18-Aug-22	11
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	0%	08-Aug-22	02-Sep-22	0
Foundation - West		118	118		14-Jan-21	07-Jul-21	182
7228	Drive Test Piles - West	2	2	0%	14-Jan-21	15-Jan-21	246
7238	Load Test Piles - West	2	2	0%	09-Feb-21	10-Feb-21	246
7230	Install Piles for Stair Structure and Bridge 23 ea 65' Timber Piles	5	5	0%	26-May-21	02-Jun-21	176
8680	Exc Form and Pour Elevator Pit	5	5	0%	03-Jun-21	09-Jun-21	178
8690	Form and Pour Pile Caps	3	3	0%	03-Jun-21	07-Jun-21	176
8700	MEP Underground Rough In	3	3	0%	08-Jun-21	10-Jun-21	176
8710	MEP Underground Rough In Inspections	1	1	0%	11-Jun-21	11-Jun-21	176
7240	Install Concrete Beams & Slab @ Stair Structure	10	10	0%	14-Jun-21	25-Jun-21	176
8720	Form and Pour Concrete Pedestals	3	3	0%	28-Jun-21	30-Jun-21	176
8730	Form and Pour Concrete Curbs	3	3	0%	01-Jul-21	06-Jul-21	183
8740	Concrete Curing to 75% of strength	7	7	0%	01-Jul-21	07-Jul-21	263
Bridge - West		177	177		06-Aug-21	25-Apr-22	107
8890	Install Bridge Support Framing at Vault and Piers	3	3	0%	06-Aug-21	10-Aug-21	200
7410	Fit Out & Set Prefabricated Bridge (3 sections)	15	15	0%	16-Feb-22	15-Mar-22	70
8870	Install Roof Framing & Purlins	5	5	0%	16-Mar-22	22-Mar-22	99
8880	Install Metal Roofing System	4	4	0%	23-Mar-22	28-Mar-22	99
8850	Rough in Electrical Beneath Bridge Flooring	3	3	0%	29-Mar-22	31-Mar-22	99
8920	Install Fire Sprinkler Main Beneath Bridge	7	7	0%	29-Mar-22	06-Apr-22	107
8860	Install Bridge Flooring Decking	4	4	0%	01-Apr-22	06-Apr-22	99
8910	Install Domestic Water Beneath Bridge	7	7	0%	07-Apr-22	15-Apr-22	107
9030	Electrical Trimout - Bridge	3	3	0%	07-Apr-22	11-Apr-22	99
9040	Install Lighting Fixtures - Bridge	3	3	0%	12-Apr-22	14-Apr-22	99
8900	Install Electrical Beneath Bridge	6	6	0%	18-Apr-22	25-Apr-22	107
Structure - West		205	205		29-Dec-20	22-Oct-21	208
7340	Perform Structural Mods at Vault Roof	11	11	0%	29-Dec-20	13-Jan-21	402
8610	Install Structural Steel Frame at Elevator Shaft	5	5	0%	08-Jul-21	14-Jul-21	177
8620	Install Structural Steel Frame for Plaza Tower w/ Decking	6	6	0%	15-Jul-21	22-Jul-21	177
7330	Install Mod Bit Roof System at Stair	6	6	0%	23-Jul-21	30-Jul-21	253
8640	Install Metal Stairs with Landings and Rails	6	6	0%	23-Jul-21	30-Jul-21	177
8630	Install Structural Supports for Perforated Panels	4	4	0%	02-Aug-21	05-Aug-21	200
8670	Place Concrete on Metal Deck & Stair Treads	4	4	0%	02-Aug-21	05-Aug-21	177
8650	Install Stair Railings Against Elevator Shaft	8	8	0%	13-Oct-21	22-Oct-21	170
Exterior - West		168	168		02-Aug-21	06-Apr-22	105
7350	Install Mod Bit Roof at Elec Vault Structure	3	3	0%	02-Aug-21	04-Aug-21	270
8800	Install Poly Carbonate Canopy	4	4	0%	13-Oct-21	18-Oct-21	214
7310	Install Perforated Wall Panels with Alum Frame	15	15	0%	15-Nov-21	07-Dec-21	170
8810	Install Perforated Doors at Level 1	4	4	0%	08-Dec-21	13-Dec-21	178
7370	Paint Exterior Metals Stair & Bridge	12	12	0%	16-Mar-22	31-Mar-22	70
7320	Install Ferry Specialty Signage	4	4	0%	01-Apr-22	06-Apr-22	105



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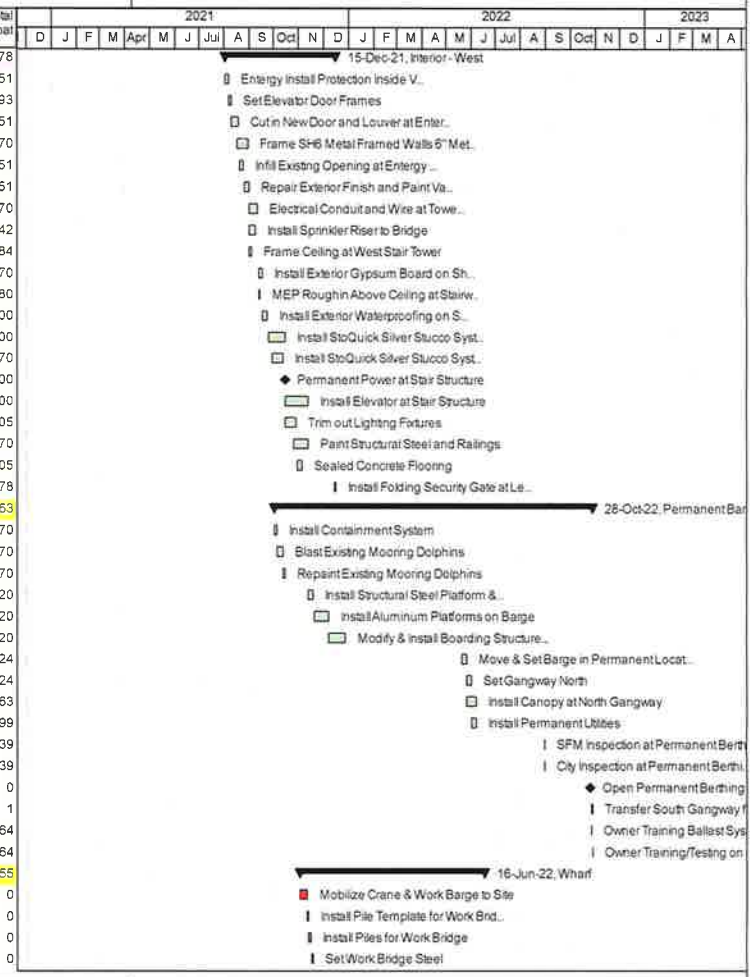
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
Interior - West		95	95		02-Aug-21	15-Dec-21	178
9000	Entergy Install Protection Inside Vault	5	5	0%	02-Aug-21	06-Aug-21	251
8760	Set Elevator Door Frames	2	2	0%	06-Aug-21	09-Aug-21	193
8590	Cut in New Door and Louver at Entergy Vault	8	8	0%	09-Aug-21	18-Aug-21	251
7250	Frame SH6 Metal Framed Walls 6" Metal Studs with Shaft Liner Board	10	10	0%	17-Aug-21	30-Aug-21	170
8600	Infill Existing Opening at Entergy Vault	4	4	0%	19-Aug-21	24-Aug-21	251
9070	Repair Exterior Finish and Paint Vault	5	5	0%	25-Aug-21	31-Aug-21	251
8780	Electrical Conduit and Wire at Tower	8	8	0%	31-Aug-21	10-Sep-21	170
8790	Install Sprinkler Riser to Bridge	5	5	0%	31-Aug-21	07-Sep-21	242
9010	Frame Ceiling at West Stair Tower	4	4	0%	31-Aug-21	03-Sep-21	184
8770	Install Exterior Gypsum Board on Shaft Walls	4	4	0%	13-Sep-21	16-Sep-21	170
8820	MEP Roughin Above Ceiling at Stairwell	2	2	0%	13-Sep-21	14-Sep-21	180
9060	Install Exterior Waterproofing on Shaft Walls	5	5	0%	17-Sep-21	23-Sep-21	200
7450	Install StoQuick Silver Stucco System on Shaft	15	15	0%	24-Sep-21	14-Oct-21	200
8830	Install StoQuick Silver Stucco System at Ceiling	10	10	0%	29-Sep-21	12-Oct-21	170
7540	Permanent Power at Stair Structure	0	0	0%		14-Oct-21	200
7260	Install Elevator at Stair Structure	20	20	0%	15-Oct-21	11-Nov-21	200
8840	Trim out Lighting Fixtures	10	10	0%	15-Oct-21	28-Oct-21	205
8680	Paint Structural Steel and Railings	15	15	0%	25-Oct-21	12-Nov-21	170
9050	Sealed Concrete Flooring	5	5	0%	29-Oct-21	04-Nov-21	205
8750	Install Folding Security Gate at Level 1	2	2	0%	14-Dec-21	15-Dec-21	178
Permanent Barge		269	269		01-Oct-21	28-Oct-22	63
5012	Install Containment System	2	2	0%	01-Oct-21	04-Oct-21	170
5014	Blast Existing Mooring Dolphins	5	5	0%	05-Oct-21	11-Oct-21	170
5016	Repaint Existing Mooring Dolphins	3	3	0%	12-Oct-21	14-Oct-21	170
5020	Install Structural Steel Platform & Gangway Landing on Barge	5	5	0%	12-Nov-21	18-Nov-21	120
5022	Install Aluminum Platforms on Barge	10	10	0%	19-Nov-21	06-Dec-21	120
5024	Modify & Install Boarding Structures on Barge	15	15	0%	07-Dec-21	28-Dec-21	120
5030	Move & Set Barge in Permanent Location	4	4	0%	20-May-22	25-May-22	24
5040	Set Gangway North	3	3	0%	26-May-22	31-May-22	24
5050	Install Canopy at North Gangway	7	7	0%	26-May-22	06-Jun-22	63
5090	Install Permanent Utilities	4	4	0%	01-Jun-22	06-Jun-22	99
I1002	SFM Inspection at Permanent Berthing	1	1	0%	29-Aug-22	29-Aug-22	39
I1006	City Inspection at Permanent Berthing	1	1	0%	30-Aug-22	30-Aug-22	39
5100	Open Permanent Berthing	0	0	0%		25-Oct-22	0
5070	Transfer South Gangway from Temp Barge	3	3	0%	26-Oct-22	28-Oct-22	1
I1012	Owner Training Ballast System on Permanent Barge	1	1	0%	26-Oct-22	26-Oct-22	64
I1013	Owner Training/Testing on Mooring System	1	1	0%	27-Oct-22	27-Oct-22	64
Wharf		154	154		01-Nov-21	16-Jun-22	55
6050	Mobilize Crane & Work Barge to Site	8	8	0%	01-Nov-21	10-Nov-21	0
6062	Install Pile Template for Work Bridge	1	1	0%	11-Nov-21	11-Nov-21	0
6064	Install Piles for Work Bridge	2	2	0%	12-Nov-21	15-Nov-21	0
6072	Set Work Bridge Steel	3	3	0%	16-Nov-21	18-Nov-21	0



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APC Construction Company

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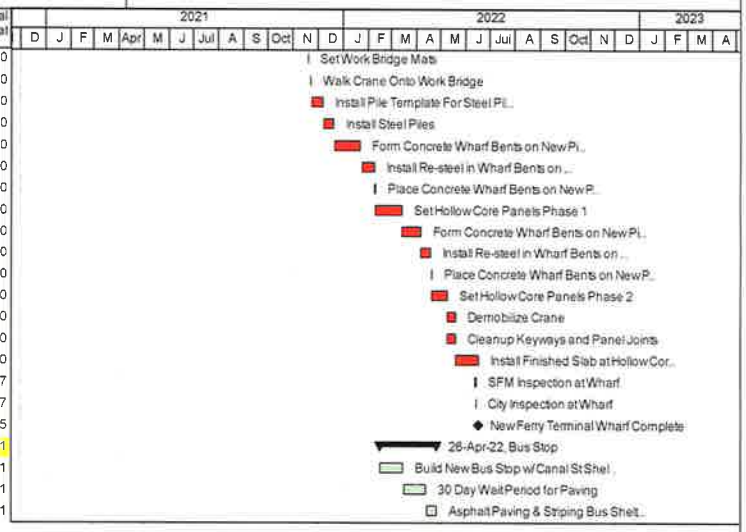
RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP_3V01_November 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
6074	Set Work Bridge Mats	1	1	0%	19-Nov-21	19-Nov-21	0
6076	Walk Crane Onto Work Bridge	1	1	0%	22-Nov-21	22-Nov-21	0
6002	Install Pile Template For Steel Piles	9	9	0%	23-Nov-21	07-Dec-21	0
6004	Install Steel Piles	9	9	0%	08-Dec-21	20-Dec-21	0
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	0%	21-Dec-21	21-Jan-22	0
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	0%	24-Jan-22	08-Feb-22	0
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	0%	09-Feb-22	09-Feb-22	0
6090	Set Hollow Core Panels Phase 1	18	18	0%	10-Feb-22	14-Mar-22	0
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	0%	15-Mar-22	06-Apr-22	0
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	0%	07-Apr-22	19-Apr-22	0
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	0%	20-Apr-22	20-Apr-22	0
6100	Set Hollow Core Panels Phase 2	13	13	0%	21-Apr-22	09-May-22	0
6110	Demobilize Crane	8	8	0%	10-May-22	19-May-22	0
6130	Cleanup Keyways and Panel Joints	8	8	0%	10-May-22	19-May-22	0
6030	Install Finished Slab at Hollow Core	19	19	0%	20-May-22	16-Jun-22	0
I1003	SFM Inspection at Wharf	1	1	0%	13-Jun-22	13-Jun-22	57
I107	City Inspection at Wharf	1	1	0%	14-Jun-22	14-Jun-22	57
6040	New Ferry Terminal Wharf Complete	0	0	0%		16-Jun-22	55
Bus Stop		45	45		16-Feb-22	26-Apr-22	91
7360	Build New Bus Stop w/ Canal St Shelter	16	16	0%	16-Feb-22	16-Mar-22	91
7510	30 Day Wait Period for Paving	20	20	0%	17-Mar-22	13-Apr-22	91
7520	Asphalt Paving & Striping Bus Shelter	9	9	0%	14-Apr-22	26-Apr-22	91



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APC Construction Company

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Update 4 – Full Schedule

RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-4V01_December 20
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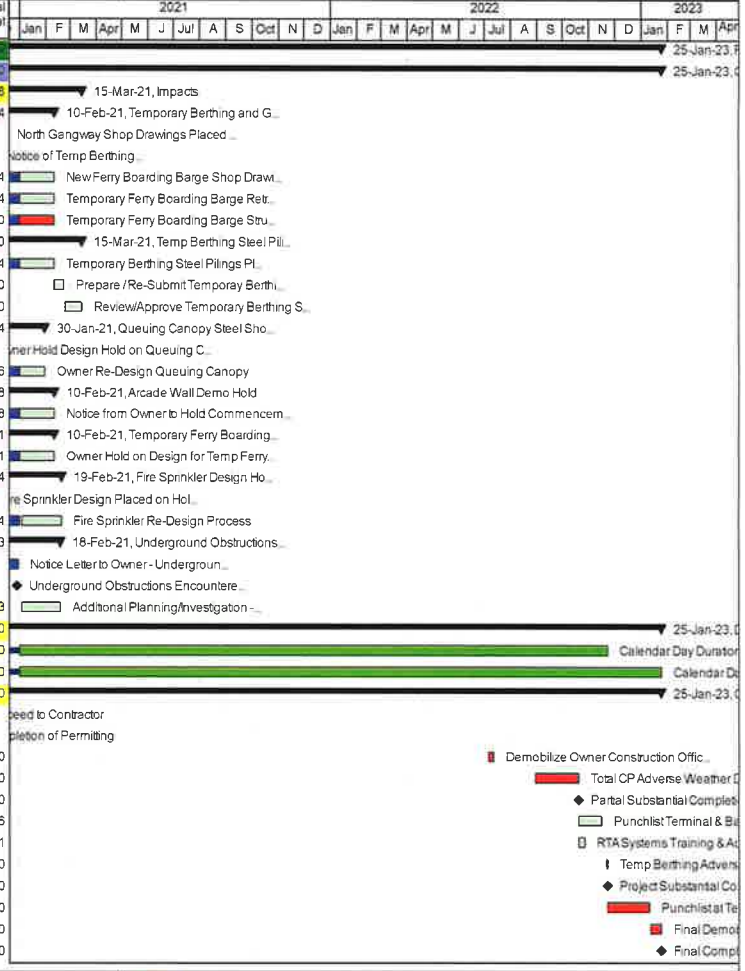
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Optional		591	514		10-Sep-20 A	25-Jan-23	0
Impacts		124	47		10-Sep-20 A	15-Mar-21	288
Temporary Berthing and Gangway Re-Design		0	41		10-Sep-20 A	10-Feb-21	104
Impact-1003	North Gangway Shop Drawings Placed on Hold	0	0	100%	10-Sep-20 A	15-Dec-20 A	
Impact-1000	Owner issue Notice of Temp Berthing Re-Design	0	0	100%	11-Sep-20 A		
Impact-1001	New Ferry Boarding Barge Shop Drawings Placed on Hold	0	41	0%	11-Sep-20 A	10-Feb-21	64
Impact-1002	Temporary Ferry Boarding Barge Retrofit Placed on Hold	0	41	0%	11-Sep-20 A	10-Feb-21	104
Impact-1004	Temporary Ferry Boarding Barge Structure & Boarding Ramp Placed on Ho	0	41	0%	11-Sep-20 A	10-Feb-21	0
Temp Berthing Steel Piling Hold		84	47		03-Nov-20 A	15-Mar-21	70
Impact-2000	Temporary Berthing Steel Pilings Placed on Hold	0	41	0%	03-Nov-20 A	10-Feb-21	104
Impact-2010	Prepare / Re-Submit Temporay Berthing Steel Piling Submittal	5	5	0%	11-Feb-21	22-Feb-21	70
Impact-2020	Review/Approve Temporary Berthing Steel Piling Re-Submittal	15	15	0%	23-Feb-21	15-Mar-21	70
Queuing Canopy Steel Shop Drawing Hold		22	20		18-Nov-20 A	30-Jan-21	294
Impact-3000	Owner Hold Design Hold on Queuing Canopy Steel	0	0	100%	18-Nov-20 A		
Impact-3010	Owner Re-Design Queuing Canopy	30	30	0%	18-Nov-20 A	30-Jan-21	436
Arcade Wall Demo Hold		0	41		23-Nov-20 A	10-Feb-21	258
Impact-4000	Notice from Owner to Hold Commencement of Arcade Wall Demo Pending	0	41	0%	23-Nov-20 A	10-Feb-21	258
Temporary Ferry Boarding Barge Fendering Design Hold		0	41		24-Nov-20 A	10-Feb-21	111
Impact-5000	Owner Hold on Design for Temp Ferry Boarding Barge Fendering	0	41	0%	24-Nov-20 A	10-Feb-21	111
Fire Sprinkler Design Hold - RFI 4		0	31		25-Nov-20 A	19-Feb-21	304
Impact-6000	Fire Sprinkler Design Placed on Hold / RFI 4	0	0	100%	25-Nov-20 A		
Impact-6010	Fire Sprinkler Re-Design Process	0	31	0%	26-Nov-20 A	19-Feb-21	304
Underground Obstructions Dry Side		107	30		10-Sep-20 A	18-Feb-21	183
Impact-7010	Notice Letter to Owner - Underground Obstructions	1	0	100%	10-Sep-20 A	30-Dec-20 A	
Impact-7000	Underground Obstructions Encountered During Dry Side Excavation (8410)	0	0	100%	29-Dec-20 A		
Impact-7020	Additional Planning/Investigation - Underground Obstruction	30	30	0%	04-Jan-21	18-Feb-21	183
Duration Hammock		730	755		10-Sep-20 A	25-Jan-23	0
A1000	Calendar Day Duration to Substantial Completion (670)	671	691	0%	10-Sep-20 A	22-Nov-22	0
A1010	Calendar Day Duraton to Final Completion (730)	730	755	0%	10-Sep-20 A	25-Jan-23	0
Construction Milestones		591	141		10-Sep-20 A	25-Jan-23	0
3030	Notice To Proceed to Contractor	0	0	100%	10-Sep-20 A		
3190	Completion of Permitting	27	0	100%	10-Sep-20 A	04-Nov-20 A	
2340	Demobilize Owner Construction Office	4	4	0%	06-Jul-22	11-Jul-22	0
3140	Total CP Adverse Weather Days - 36 workdays	36	36	0%	30-Aug-22	19-Oct-22	0
3050	Partial Substantial Completion -Terminal & Barge	0	0	0%		19-Oct-22	0
3060	Punchlist Terminal & Barge	20	20	0%	20-Oct-22	16-Nov-22	46
3160	RTA Systems Training & Acceptance	5	5	0%	20-Oct-22	26-Oct-22	61
3180	Temp Berthing Adverse Weather Days - 2 workdays	2	2	0%	21-Nov-22	22-Nov-22	0
3170	Project Substantial Completion	0	0	0%		22-Nov-22	0
3150	Punchlist at Temporary Berthing	32	32	0%	23-Nov-22	11-Jan-23	0
3280	Final Demob from Site	10	10	0%	12-Jan-23	25-Jan-23	0
3090	Final Completion	0	0	0%		25-Jan-23	0



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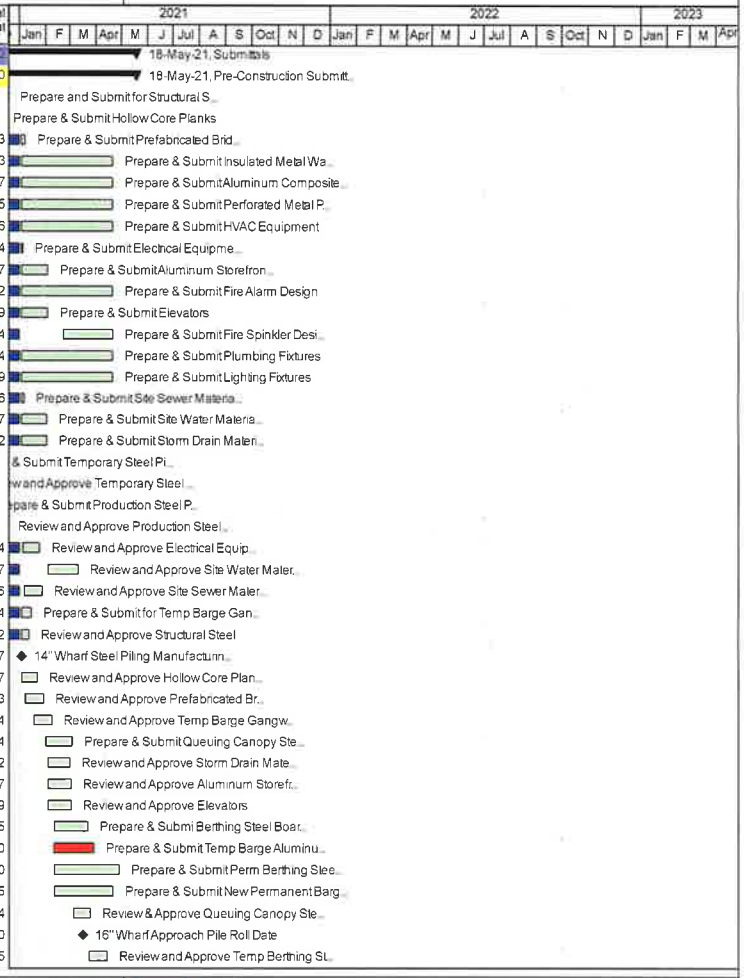
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
Submittals		169	92		10-Sep-20 A	18-May-21	300
Pre-Construction Submittals		169	92		10-Sep-20 A	18-May-21	300
2310	Prepare and Submit for Structural Steel	40	0	100%	10-Sep-20 A	19-Dec-20 A	
2390	Prepare & Submit Hollow Core Planks	75	0	100%	10-Sep-20 A	11-Dec-20 A	
2430	Prepare & Submit Prefabricated Bridge	75	4	0%	10-Sep-20 A	07-Jan-21	203
2450	Prepare & Submit Insulated Metal Wall Panels	150	73	0%	10-Sep-20 A	21-Apr-21	243
2470	Prepare & Submit Aluminum Composite Wall Panels	150	73	0%	10-Sep-20 A	21-Apr-21	247
2490	Prepare & Submit Perforated Metal Panels	150	73	0%	10-Sep-20 A	21-Apr-21	245
2510	Prepare & Submit HVAC Equipment	150	73	0%	10-Sep-20 A	21-Apr-21	266
2530	Prepare & Submit Electrical Equipment	100	1	0%	10-Sep-20 A	04-Jan-21	284
2550	Prepare & Submit Aluminum Storefront & Doors	100	23	0%	10-Sep-20 A	03-Feb-21	287
2570	Prepare & Submit Fire Alarm Design	150	73	0%	10-Sep-20 A	21-Apr-21	222
2590	Prepare & Submit Elevators	100	23	0%	10-Sep-20 A	03-Feb-21	279
2610	Prepare & Submit Fire Spinkler Design	150	42	0%	10-Sep-20 A	21-Apr-21	304
2650	Prepare & Submit Plumbing Fixtures	150	73	0%	10-Sep-20 A	21-Apr-21	294
2670	Prepare & Submit Lighting Fixtures	150	73	0%	10-Sep-20 A	21-Apr-21	259
2690	Prepare & Submit Site Sewer Materials	50	3	0%	10-Sep-20 A	06-Jan-21	206
2710	Prepare & Submit Site Water Materials	50	22	0%	10-Sep-20 A	02-Feb-21	137
2730	Prepare & Submit Storm Drain Materials	50	22	0%	10-Sep-20 A	02-Feb-21	172
2210	Prepare & Submit Temporary Steel Piling - 16" & 42"	5	0	100%	14-Oct-20 A	15-Oct-20 A	
2200	Review and Approve Temporary Steel Piling - 16" & 42"	15	0	100%	16-Oct-20 A	03-Nov-20 A	
8970	Prepare & Submit Production Steel Piling - 14"	5	0	100%	05-Nov-20 A	18-Nov-20 A	
8980	Review and Approve Production Steel Piling - 14"	15	0	100%	19-Nov-20 A	17-Dec-20 A	
2540	Review and Approve Electrical Equipment	15	15	0%	20-Nov-20 A	25-Jan-21	284
2720	Review and Approve Site Water Materials	50	22	0%	25-Nov-20 A	10-Mar-21	137
2700	Review and Approve Site Sewer Materials	15	15	0%	30-Nov-20 A	27-Jan-21	206
2130	Prepare & Submit for Temp Barge Gangway	30	10	0%	16-Dec-20 A	15-Jan-21	44
2320	Review and Approve Structural Steel	15	7	0%	18-Dec-20 A	12-Jan-21	282
2190	14" Wharf Steel Piling Manufacturing Date	0	0	0%	04-Jan-21		117
2400	Review and Approve Hollow Core Planks	15	15	0%	04-Jan-21	22-Jan-21	217
2440	Review and Approve Prefabricated Bridge	15	15	0%	08-Jan-21	28-Jan-21	203
2240	Review and Approve Temp Barge Gangway	15	15	0%	18-Jan-21	08-Feb-21	44
2750	Prepare & Submit Queuing Canopy Steel Shop Drawings	20	20	0%	01-Feb-21	04-Mar-21	294
2740	Review and Approve Storm Drain Materials	15	15	0%	03-Feb-21	01-Mar-21	172
2560	Review and Approve Aluminum Storefront and Doors	15	15	0%	04-Feb-21	02-Mar-21	267
2600	Review and Approve Elevators	15	15	0%	04-Feb-21	02-Mar-21	279
2250	Prepare & Submi Berthing Steel Boarding Structures	25	25	0%	11-Feb-21	22-Mar-21	45
2260	Prepare & Submit Temp Barge Aluminum Platforms & Ramps	30	30	0%	11-Feb-21	29-Mar-21	0
2410	Prepare & Submit Perm Berthing Steel Boarding Structures	50	50	0%	11-Feb-21	27-Apr-21	190
2630	Prepare & Submit New Permanent Barge	45	45	0%	11-Feb-21	20-Apr-21	115
2760	Review & Approve Queuing Canopy Steel Shop Drawings	15	15	0%	05-Mar-21	25-Mar-21	294
2330	16" Wharf Approach Pile Roll Date	0	0	0%	16-Mar-21		70
2270	Review and Approve Temp Berthing Steel Boarding Structures	15	15	0%	23-Mar-21	13-Apr-21	45



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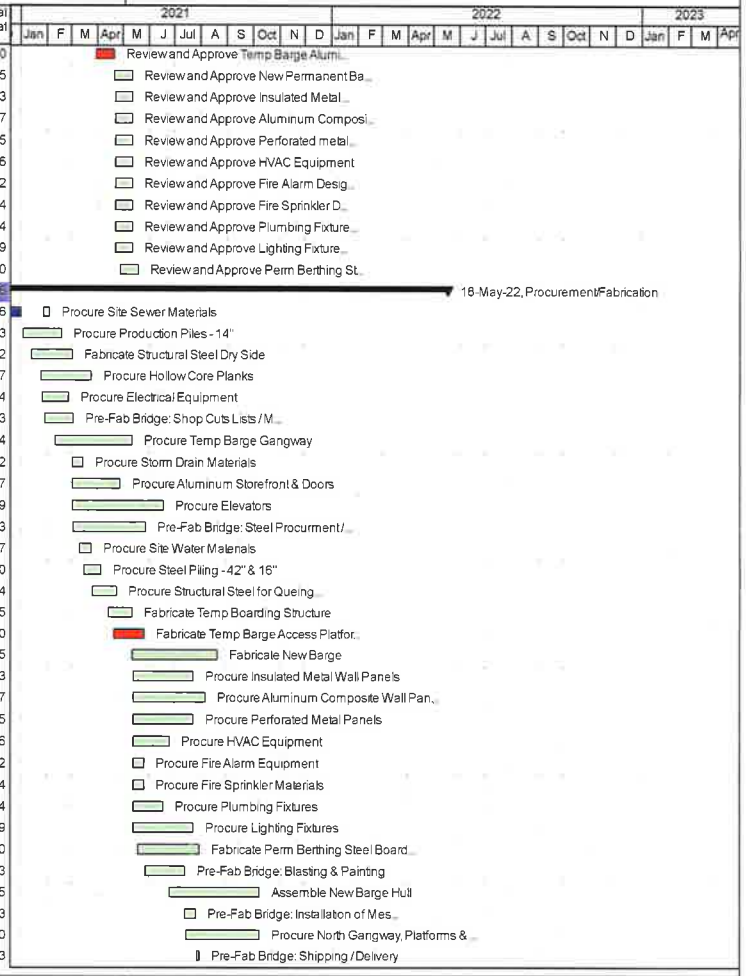
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2280	Review and Approve Temp Barge Aluminum Platforms & Ramps	15	15	0%	30-Mar-21	20-Apr-21	0
2640	Review and Approve New Permanent Barge	15	15	0%	21-Apr-21	11-May-21	115
2460	Review and Approve Insulated Metal Wall Panels	15	15	0%	22-Apr-21	12-May-21	243
2480	Review and Approve Aluminum Composite Wall Panels	15	15	0%	22-Apr-21	12-May-21	247
2500	Review and Approve Perforated metal Panels	15	15	0%	22-Apr-21	12-May-21	245
2520	Review and Approve HVAC Equipment	15	15	0%	22-Apr-21	12-May-21	266
2580	Review and Approve Fire Alarm Design	15	15	0%	22-Apr-21	12-May-21	222
2620	Review and Approve Fire Sprinkler Design	15	15	0%	22-Apr-21	12-May-21	304
2660	Review and Approve Plumbing Fixtures	15	15	0%	22-Apr-21	12-May-21	294
2680	Review and Approve Lighting Fixtures	15	15	0%	22-Apr-21	12-May-21	259
2420	Review and Approve Perm Berthing Steel Boarding Structures	15	15	0%	28-Apr-21	18-May-21	190
Procurement/Fabrication		353	341		08-Dec-20 A	18-May-22	66
3250	Procure Site Sewer Materials	10	5	0%	08-Dec-20 A	03-Feb-21	206
2230	Procure Production Piles - 14"	30	30	0%	04-Jan-21	18-Feb-21	173
7300	Fabricate Structural Steel Dry Side	31	31	0%	13-Jan-21	02-Mar-21	262
2950	Procure Hollow Core Planks	40	40	0%	25-Jan-21	25-Mar-21	217
3010	Procure Electrical Equipment	20	20	0%	26-Jan-21	26-Feb-21	284
7440	Pre-Fab Bridge: Shop Cuts Lists / Material Ordering	20	20	0%	29-Jan-21	03-Mar-21	203
2140	Procure Temp Barge Gangway	91	91	0%	11-Feb-21	12-May-21	64
3270	Procure Storm Drain Materials	10	10	0%	02-Mar-21	15-Mar-21	172
3020	Procure Aluminum Storefront & Doors	40	40	0%	03-Mar-21	28-Apr-21	287
3210	Procure Elevators	75	75	0%	03-Mar-21	17-Jun-21	279
7442	Pre-Fab Bridge: Steel Procurment / Fabrication	60	60	0%	04-Mar-21	27-May-21	203
3260	Procure Site Water Materials	10	10	0%	11-Mar-21	24-Mar-21	137
2180	Procure Steel Piling - 42" & 16"	15	15	0%	16-Mar-21	05-Apr-21	70
2770	Procure Structural Steel for Queing Canopy	20	20	0%	26-Mar-21	23-Apr-21	294
2120	Fabricate Temp Boarding Structure	20	20	0%	14-Apr-21	11-May-21	45
2040	Fabricate Temp Barge Access Platform & Ramp	25	25	0%	21-Apr-21	25-May-21	0
5000	Fabricate New Barge	70	70	0%	12-May-21	19-Aug-21	115
2970	Procure Insulated Metal Wall Panels	50	50	0%	13-May-21	23-Jul-21	243
2980	Procure Aluminum Composite Wall Panels	60	60	0%	13-May-21	06-Aug-21	247
2990	Procure Perforated Metal Panels	50	50	0%	13-May-21	23-Jul-21	245
3000	Procure HVAC Equipment	30	30	0%	13-May-21	24-Jun-21	266
3200	Procure Fire Alarm Equipment	10	10	0%	13-May-21	26-May-21	222
3220	Procure Fire Sprinkler Materials	10	10	0%	13-May-21	26-May-21	304
3230	Procure Plumbing Fixtures	25	25	0%	13-May-21	17-Jun-21	294
3240	Procure Lighting Fixtures	50	50	0%	13-May-21	23-Jul-21	259
2960	Fabricate Perm Berthing Steel Boarding Structures	50	50	0%	19-May-21	29-Jul-21	190
7444	Pre-Fab Bridge: Blasting & Painting	30	30	0%	28-May-21	12-Jul-21	203
5001	Assemble New Barge Hull	75	75	0%	24-Jun-21	08-Oct-21	115
7446	Pre-Fab Bridge: Installation of Mesh Panels	10	10	0%	13-Jul-21	26-Jul-21	203
5060	Procure North Gangway, Platforms & Support Structures	62	62	0%	14-Jul-21	08-Oct-21	140
7448	Pre-Fab Bridge: Shipping / Delivery	4	4	0%	27-Jul-21	30-Jul-21	203



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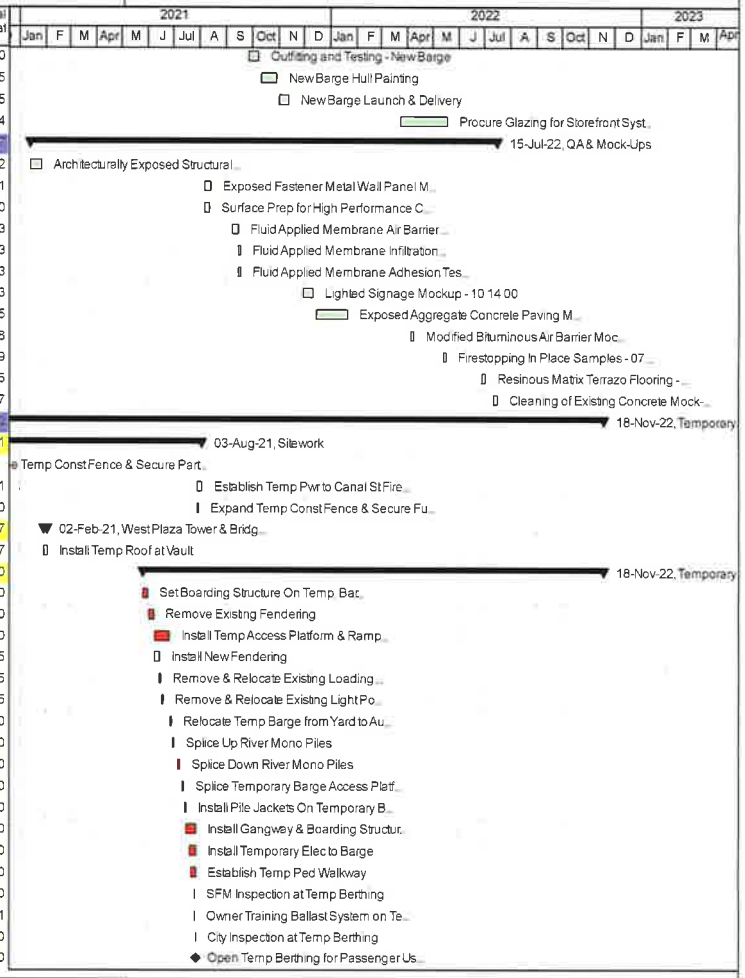
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
5002	Outfitting and Testing - New Barge	10	10	0%	27-Sep-21	08-Oct-21	140
5003	New Barge Hull Painting	15	15	0%	11-Oct-21	29-Oct-21	115
5004	New Barge Launch & Delivery	10	10	0%	01-Nov-21	12-Nov-21	115
7860	Procure Glazing for Storefront System	40	40	0%	24-Mar-22	18-May-22	34
QA & Mock-Ups		378	374		13-Jan-21	15-Jul-22	27
QA1030	Architecturally Exposed Structural Steel Mock-Ups - 05 12 13	10	10	0%	13-Jan-21	26-Jan-21	282
QA1080	Exposed Fastener Metal Wall Panel Mockup - 07 42 14	5	5	0%	06-Aug-21	12-Aug-21	231
QA1110	Surface Prep for High Performance Coating Mockup - 09 96 00	4	4	0%	06-Aug-21	11-Aug-21	210
QA1050	Fluid Applied Membrane Air Barrier Mockup - 07 27 26	5	5	0%	08-Sep-21	14-Sep-21	173
QA1060	Fluid Applied Membrane Infiltration Testing of Mockup - 07 27 26	3	3	0%	15-Sep-21	17-Sep-21	173
QA1070	Fluid Applied Membrane Adhesion Testing of Mockup - 07 27 26	3	3	0%	15-Sep-21	17-Sep-21	173
QA1120	Lighted Signage Mockup - 10 14 00	10	10	0%	29-Nov-21	10-Dec-21	173
QA1130	Exposed Aggregate Concrete Paving Mockup - 32 13 13	25	25	0%	15-Dec-21	20-Jan-22	95
QA1040	Modified Bituminous Air Barrier Mock-Up - 07 27 13	4	4	0%	05-Apr-22	08-Apr-22	38
QA1090	Firestopping In Place Samples - 07 84 00	2	2	0%	13-May-22	16-May-22	49
QA1100	Resinous Matrix Terrazo Flooring - 09 66 23	4	4	0%	28-Jun-22	01-Jul-22	26
QA1020	Cleaning of Existing Concrete Mock-Up - 03 01 35	4	4	0%	12-Jul-22	15-Jul-22	27
Temporary Work		520	451		19-Oct-20 A	18-Nov-22	0
Sitework		195	5		19-Oct-20 A	03-Aug-21	41
2080	Mobe Temp Const Fence & Secure Partial Site	5	0	100%	19-Oct-20 A	09-Nov-20 A	
2090	Establish Temp Pwr to Canal St Fire Pump	5	5	0%	28-Jul-21	03-Aug-21	41
2290	Expand Temp Const Fence & Secure Full Site	3	3	0%	28-Jul-21	30-Jul-21	0
West Plaza Tower & Bridge		3	3		29-Jan-21	02-Feb-21	387
2110	Install Temp Roof at Vault	3	3	0%	29-Jan-21	02-Feb-21	387
Temporary Barge		373	373		26-May-21	18-Nov-22	0
2032	Set Boarding Structure On Temp. Barge	4	4	0%	26-May-21	01-Jun-21	0
2350	Remove Existing Fendering	5	5	0%	02-Jun-21	08-Jun-21	0
2050	Install Temp Access Platform & Ramp on Barge	13	13	0%	09-Jun-21	25-Jun-21	0
2360	Install New Fendering	4	4	0%	09-Jun-21	14-Jun-21	5
2370	Remove & Relocate Existing Loading Platform	2	2	0%	15-Jun-21	16-Jun-21	5
2380	Remove & Relocate Existing Light Pole	2	2	0%	17-Jun-21	18-Jun-21	5
2220	Relocate Temp Barge from Yard to Audubon	2	2	0%	28-Jun-21	29-Jun-21	0
2060	Splice Up River Mono Piles	3	3	0%	30-Jun-21	02-Jul-21	0
2300	Splice Down River Mono Piles	4	4	0%	06-Jul-21	09-Jul-21	0
2232	Splice Temporary Barge Access Platform Piles	2	2	0%	12-Jul-21	13-Jul-21	0
2234	Install Pile Jackets On Temporary Barge Access Platform Piles	2	2	0%	14-Jul-21	15-Jul-21	0
2030	Install Gangway & Boarding Structure	6	8	0%	16-Jul-21	27-Jul-21	0
2150	Install Temporary Elec to Barge	6	6	0%	20-Jul-21	27-Jul-21	0
2020	Establish Temp Ped Walkway	4	4	0%	22-Jul-21	27-Jul-21	0
I1001	SFM Inspection at Temp Berthing	1	1	0%	26-Jul-21	26-Jul-21	0
I1011	Owner Training Ballast System on Temp Barge	1	1	0%	26-Jul-21	26-Jul-21	1
I1005	City Inspection at Temp Berthing	1	1	0%	27-Jul-21	27-Jul-21	0
2070	Open Temp Berthing for Passenger Use	0	0	0%		27-Jul-21	0



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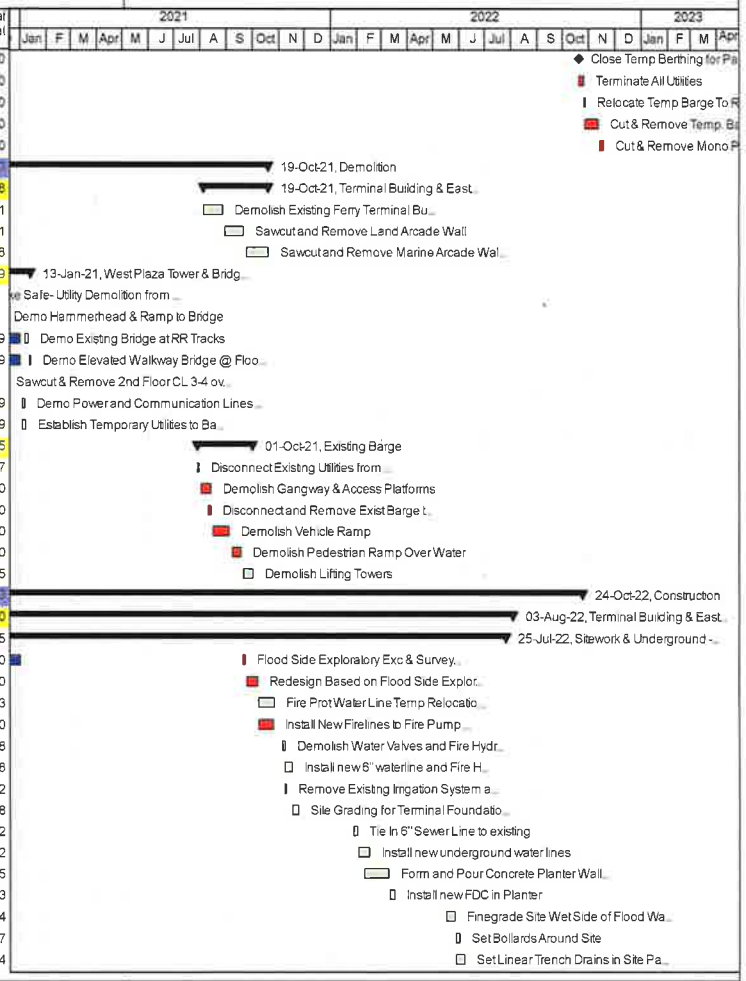
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
2170	Close Temp Berthing for Passenger Use	0	0	0%		19-Oct-22	0
2164	Terminate All Utilities	4	4	0%	20-Oct-22	25-Oct-22	0
2166	Relocate Temp Barge To RTA	1	1	0%	26-Oct-22	26-Oct-22	0
2162	Cut & Remove Temp. Barge Access Platform & Piles	12	12	0%	27-Oct-22	11-Nov-22	0
2168	Cut & Remove Mono Piles	5	5	0%	14-Nov-22	18-Nov-22	0
Demolition		244	199		26-Oct-20 A	19-Oct-21	151
Terminal Building & East Tower		54	54		04-Aug-21	19-Oct-21	38
1040	Demolish Existing Ferry Terminal Building	18	18	0%	04-Aug-21	27-Aug-21	41
1110	Sawcut and Remove Land Arcade Wall	15	15	0%	30-Aug-21	20-Sep-21	41
1060	Sawcut and Remove Marine Arcade Wall	18	18	0%	24-Sep-21	19-Oct-21	38
West Plaza Tower & Bridge		50	6		26-Oct-20 A	13-Jan-21	169
1140	Make Safe- Utility Demolition from Building	5	0	100%	26-Oct-20 A	13-Nov-20 A	
1090	Demo Hammerhead & Ramp to Bridge	10	0	100%	02-Nov-20 A	11-Dec-20 A	
1100	Demo Existing Bridge at RR Tracks	8	3	0%	24-Nov-20 A	11-Jan-21	169
1070	Demo Elevated Walkway Bridge @ Floodwall	5	2	0%	30-Nov-20 A	13-Jan-21	169
1080	Sawcut & Remove 2nd Floor CL 3-4 over Vault	4	0	100%	30-Nov-20 A	14-Dec-20 A	
1130	Demo Power and Communication Lines at OCS Pole	3	3	0%	04-Jan-21	06-Jan-21	169
1160	Establish Temporary Utilities to Barge & Fire Pump	5	5	0%	04-Jan-21	08-Jan-21	169
Existing Barge		47	47		26-Jul-21	01-Oct-21	165
1150	Disconnect Existing Utilities from Barge	2	2	0%	28-Jul-21	29-Jul-21	7
1020	Demolish Gangway & Access Platforms	10	10	0%	02-Aug-21	13-Aug-21	0
1000	Disconnect and Remove Exist Barge to RTA Yard	4	4	0%	10-Aug-21	13-Aug-21	0
1030	Demolish Vehicle Ramp	15	15	0%	16-Aug-21	03-Sep-21	0
1120	Demolish Pedestrian Ramp Over Water	9	9	0%	07-Sep-21	17-Sep-21	0
1050	Demolish Lifting Towers	10	10	0%	20-Sep-21	01-Oct-21	165
Construction		569	443		04-Dec-20 A	24-Oct-22	63
Terminal Building & East Tower		316	217		14-Dec-20 A	03-Aug-22	120
Sitework & Underground - East		309	210		14-Dec-20 A	25-Jul-22	25
8100	Flood Side Exploratory Exc & Survey Property	9	4	0%	14-Dec-20 A	23-Sep-21	0
8110	Redesign Based on Flood Side Exploration Results	10	10	0%	24-Sep-21	07-Oct-21	0
8080	Fire Prot Water Line Temp Relocation Wet Side	13	13	0%	08-Oct-21	26-Oct-21	33
7050	Install New Firelines to Fire Pump and Demolish Existing	12	12	0%	08-Oct-21	25-Oct-21	0
7550	Demolish Water Valves and Fire Hydrant	2	2	0%	05-Nov-21	08-Nov-21	18
7570	Install new 6" waterline and Fire Hydrant	6	6	0%	09-Nov-21	16-Nov-21	16
7610	Remove Existing Irrigation System and Cap	2	2	0%	09-Nov-21	10-Nov-21	22
7000	Site Grading for Terminal Foundation	5	5	0%	17-Nov-21	23-Nov-21	18
7600	Tie In 6" Sewer Line to existing	3	3	0%	28-Jan-22	01-Feb-22	62
7580	Install new underground water lines	10	10	0%	02-Feb-22	15-Feb-22	62
8000	Form and Pour Concrete Planter Walls	16	16	0%	10-Feb-22	10-Mar-22	65
7590	Install new FDC in Planter	4	4	0%	11-Mar-22	16-Mar-22	113
8060	Finegrade Site Wet Side of Flood Wall for Paving	9	9	0%	16-May-22	26-May-22	4
8150	Set Bollards Around Site	3	3	0%	27-May-22	01-Jun-22	7
8270	Set Linear Trench Drains in Site Paving	6	6	0%	27-May-22	06-Jun-22	4



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Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8020	Install Aluminum Stairs and Ramps at Spanish Plaza	8	8	0%	01-Jun-22	10-Jun-22	55
8120	Install Site Paving from Wharf to Flood Wall	20	20	0%	13-Jun-22	11-Jul-22	0
8050	Install Pavers at Spanish Plaza & Arcade Wall	10	10	0%	12-Jul-22	25-Jul-22	25
8010	Install Crushed Limestone at Flood Wall	4	4	0%	12-Jul-22	15-Jul-22	31
8260	Set Bike Racks On Paving	1	1	0%	12-Jul-22	12-Jul-22	34
8090	Set Prefabricated Metal Planters	1	1	0%	18-Jul-22	18-Jul-22	27
8070	Install Landscaping in Planters	3	3	0%	19-Jul-22	21-Jul-22	27
Foundation - East		95	95		24-Sep-21	09-Feb-22	18
9160	Drive Test Piles - East	2	2	0%	24-Sep-21	27-Sep-21	42
9170	Load Test Piles - East	2	2	0%	19-Oct-21	20-Oct-21	42
7020	Install Terminal Building & Planter Timber Piles - 92 ea	7	7	0%	24-Nov-21	06-Dec-21	18
7620	Exc, Form and Pour Elevator Pit	5	5	0%	07-Dec-21	13-Dec-21	18
7630	Form and Pour Pile Caps	3	3	0%	14-Dec-21	16-Dec-21	18
7650	MEP Under Slab Rough In	7	7	0%	17-Dec-21	28-Dec-21	18
7660	MEP Under Slab Rough In Inspections	1	1	0%	29-Dec-21	29-Dec-21	18
7680	Construct Conc Grade Beams & Floor Slab Lower Level	5	5	0%	30-Dec-21	06-Jan-22	18
7640	Form and Pour Concrete Pedestals	5	5	0%	07-Jan-22	13-Jan-22	18
7670	Backfill and Grade for Upper Level	3	3	0%	14-Jan-22	18-Jan-22	18
7690	Construct Conc Grade Beams Floor Slab & Entrance Slab Upper Level	7	7	0%	19-Jan-22	27-Jan-22	18
7040	Place Terminal Entrance Stairs & Ramp	9	9	0%	28-Jan-22	09-Feb-22	18
7700	Form and Pour Concrete Curbs	3	3	0%	28-Jan-22	01-Feb-22	24
Structure - East		118	118		10-Feb-22	03-Aug-22	18
7710	Install Structural Steel Frame at Elevator Shaft	5	5	0%	10-Feb-22	16-Feb-22	18
7740	Install Structural Steel Frame for Plaza Tower w/ Decking	6	6	0%	17-Feb-22	03-Mar-22	18
7720	Install Structural Steel for Terminal Building	14	14	0%	04-Mar-22	23-Mar-22	18
7910	Install Stair Tower Mod Bit Roof System w/ Insulation	3	3	0%	04-Mar-22	08-Mar-22	73
7800	Frame Metal Stud Exterior Walls	4	4	0%	24-Mar-22	29-Mar-22	18
7730	Set Toris A Roof Deck System	3	3	0%	30-Mar-22	01-Apr-22	18
7810	Install Exterior Wall 5/8" Sheathing	4	4	0%	30-Mar-22	04-Apr-22	38
7760	Install Metal Stairs with Landings and Rails	6	6	0%	04-Apr-22	11-Apr-22	18
7830	Install Roof Drains at Terminal Roof	4	4	0%	04-Apr-22	07-Apr-22	66
7030	Set Metal Door Frames	3	3	0%	04-Apr-22	06-Apr-22	22
7070	Erect Masonry Walls	18	18	0%	07-Apr-22	02-May-22	22
6580	MEP Rough-In in Masonry Walls	18	18	0%	07-Apr-22	02-May-22	22
7750	Install Structural Supports for Perforated Panels	4	4	0%	12-Apr-22	15-Apr-22	82
7790	Place Concrete on Metal Deck & Stairs	4	4	0%	12-Apr-22	15-Apr-22	18
7280	Exterior Waterproofing of Building	14	14	0%	03-May-22	20-May-22	22
7150	Install Terminal Mod Bit Roof System with Insulation	6	6	0%	23-May-22	31-May-22	35
7850	Install Aluminum Framing at Storefront System	10	10	0%	23-May-22	06-Jun-22	22
7940	Install 2" Insulated Metal Panel System at Terminal	5	5	0%	23-May-22	27-May-22	38
7400	Install StoQuick Silver Stucco System on Shaft	14	14	0%	25-May-22	14-Jun-22	18
7900	Install Metal Coping at Parapets	4	4	0%	01-Jun-22	06-Jun-22	35
7870	Install Glazing in Storefront System	10	10	0%	07-Jun-22	20-Jun-22	22

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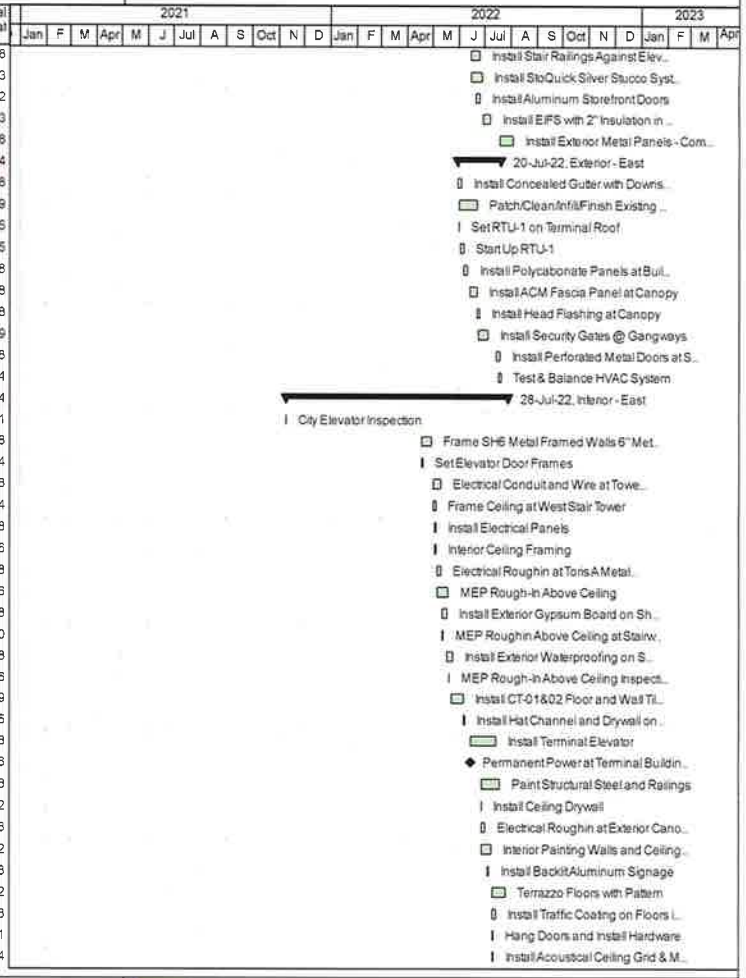
Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
7770	Install Stair Railings Against Elevator Shaft	8	8	0%	15-Jun-22	24-Jun-22	18
7950	Install StoQuick Silver Stucco System at Ceiling	10	10	0%	15-Jun-22	28-Jun-22	33
7880	Install Aluminum Storefront Doors	4	4	0%	21-Jun-22	24-Jun-22	22
7960	Install EIFS with 2" Insulation in Stairwell at Block Wall	6	6	0%	29-Jun-22	07-Jul-22	33
7220	Install Exterior Metal Panels - Comp. & Perf.	12	12	0%	19-Jul-22	03-Aug-22	18
Exterior - East		36	36		31-May-22	20-Jul-22	64
7840	Install Concealed Gutter with Downspouts	4	4	0%	31-May-22	03-Jun-22	38
8040	Patch/Clean/Infill/Finish Existing Arcade Wall	15	15	0%	01-Jun-22	21-Jun-22	39
8460	Set RTU-1 on Terminal Roof	1	1	0%	01-Jun-22	01-Jun-22	35
8470	Start Up RTU-1	3	3	0%	02-Jun-22	06-Jun-22	35
8990	Install Polycabonate Panels at Building Canopy	5	5	0%	06-Jun-22	10-Jun-22	38
7890	Install ACM Fascia Panel at Canopy	7	7	0%	13-Jun-22	21-Jun-22	38
7820	Install Head Flashing at Canopy	3	3	0%	22-Jun-22	24-Jun-22	38
7140	Install Security Gates @ Gangways	8	8	0%	23-Jun-22	05-Jul-22	39
7920	Install Perforated Metal Doors at Stairwell	3	3	0%	15-Jul-22	19-Jul-22	28
9150	Test & Balance HVAC System	3	3	0%	18-Jul-22	20-Jul-22	64
Interior - East		176	176		10-Nov-21	28-Jul-22	124
I1010	City Elevator Inspection	1	1	0%	10-Nov-21	10-Nov-21	231
9080	Frame SH6 Metal Framed Walls 6" Metal Studs with Shaft Liner Board at Tov	10	10	0%	18-Apr-22	29-Apr-22	18
9120	Set Elevator Door Frames	2	2	0%	18-Apr-22	19-Apr-22	34
9090	Electrical Conduit and Wire at Tower	8	8	0%	02-May-22	11-May-22	18
9100	Frame Ceiling at West Stair Tower	4	4	0%	02-May-22	05-May-22	54
8480	Install Electrical Panels	3	3	0%	03-May-22	05-May-22	118
9020	Interior Ceiling Framing	3	3	0%	03-May-22	05-May-22	46
8030	Electrical Roughin at Toris A Metal Decking	3	3	0%	06-May-22	10-May-22	118
8370	MEP Rough-In Above Ceiling	10	10	0%	06-May-22	19-May-22	46
9130	Install Exterior Gypsum Board on Shaft Walls	4	4	0%	12-May-22	17-May-22	18
9110	MEP Roughin Above Ceiling at Stairwell	2	2	0%	12-May-22	13-May-22	50
9140	Install Exterior Waterproofing on Shaft Walls	5	5	0%	18-May-22	24-May-22	18
8380	MEP Rough-In Above Ceiling Inspection	1	1	0%	20-May-22	20-May-22	46
8280	Install CT-01&02 Floor and Wall Tile in Restrooms	10	10	0%	23-May-22	06-Jun-22	49
7980	Install Hat Channel and Drywall on Masonry Walls	1	1	0%	07-Jun-22	07-Jun-22	35
7200	Install Terminal Elevator	21	21	0%	15-Jun-22	14-Jul-22	68
7530	Permanent Power at Terminal Building	0	0	0%	15-Jun-22		68
7760	Paint Structural Steel and Railings	15	15	0%	27-Jun-22	18-Jul-22	18
8390	Install Ceiling Drywall	1	1	0%	27-Jun-22	27-Jun-22	22
8410	Electrical Roughin at Exterior Canopy	5	5	0%	27-Jun-22	01-Jul-22	38
7990	Interior Painting Walls and Ceilings	8	8	0%	28-Jun-22	08-Jul-22	22
7970	Install BacklitAluminum Signage	2	2	0%	05-Jul-22	06-Jul-22	38
7190	Terrazzo Floors with Pattern	12	12	0%	11-Jul-22	26-Jul-22	22
8300	Install Traffic Coating on Floors in Stairwell	4	4	0%	11-Jul-22	14-Jul-22	28
8310	Hang Doors and Install Hardware	2	2	0%	11-Jul-22	12-Jul-22	31
8360	Install Acoustical Ceiling Grid & Metal Framing	2	2	0%	11-Jul-22	12-Jul-22	24



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RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-4V01_December 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
8430	Install Solid Surface Countertop	1	1	0%	11-Jul-22	11-Jul-22	32
8440	Install FRP in Janitor's Closet	2	2	0%	11-Jul-22	12-Jul-22	29
8340	Trim Out Electrical Devices	2	2	0%	13-Jul-22	14-Jul-22	32
8350	Install Lighting Fixtures	10	10	0%	13-Jul-22	26-Jul-22	24
8420	Set Ceiling Tile in Restrooms	1	1	0%	13-Jul-22	13-Jul-22	26
8450	Install Water Heaters	1	1	0%	13-Jul-22	13-Jul-22	29
8290	Seal Exposed Concrete Floors	2	2	0%	14-Jul-22	15-Jul-22	29
8400	Trim Out Mechanical	2	2	0%	14-Jul-22	15-Jul-22	26
8320	Set Plumbing Fixtures	2	2	0%	18-Jul-22	19-Jul-22	26
7930	Install Folding Security Gate at Stairwell	1	1	0%	20-Jul-22	20-Jul-22	28
8330	Install Toilet Accessories & Other Specialties	3	3	0%	20-Jul-22	22-Jul-22	26
I1004	SFM Inspection at Terminal Building & Towers	1	1	0%	25-Jul-22	25-Jul-22	60
I1009	Owner Training Terminal Systems	1	1	0%	25-Jul-22	25-Jul-22	127
I1008	City Inspection Terminal Building & Towers	1	1	0%	26-Jul-22	26-Jul-22	60
8490	Install FF&E	2	2	0%	27-Jul-22	28-Jul-22	22
Queuing Canopy		43	43		31-May-22	29-Jul-22	21
7100	Install Queuing Canopy Structural Steel	17	17	0%	31-May-22	22-Jun-22	21
8500	Set Light Post LC-1	1	1	0%	23-Jun-22	23-Jun-22	39
8510	Install Queuing Rails and Fence	6	6	0%	23-Jun-22	30-Jun-22	21
8520	Paint Queuing Canopy Steels and Rails	9	9	0%	01-Jul-22	14-Jul-22	21
8530	Install Queuing Canopy Standing Seam Mtl Roof	4	4	0%	15-Jul-22	20-Jul-22	25
8540	Install ACM Fascia Panels at Queuing Canopy	6	6	0%	15-Jul-22	22-Jul-22	21
8550	Install Queuing Canopy Lighting Fixtures	3	3	0%	21-Jul-22	25-Jul-22	25
8560	Install Metal Flashing at ACM Panels	2	2	0%	25-Jul-22	26-Jul-22	21
8570	Install Lighted Signs at Queuing Canopy	3	3	0%	27-Jul-22	29-Jul-22	21
West Plaza Tower & Bridge		430	404		04-Dec-20 A	29-Aug-22	102
Sitework & Underground - West		430	382		04-Dec-20 A	29-Aug-22	102
8130	Dry Side Exploratory Exc & Survey of Property	5	0	100%	04-Dec-20 A	29-Dec-20 A	
8140	Redesign Based on Dry Side Exploration Results	6	6	0%	19-Feb-21	26-Feb-21	183
8200	Relocate Underground Storm Drain Lines	10	10	0%	16-Mar-21	29-Mar-21	172
8190	Relocate Underground Sewer Lines	15	15	0%	30-Mar-21	20-Apr-21	172
8220	Tie in Storm Drain in Conv Ctr Blvd	2	2	0%	30-Mar-21	31-Mar-21	199
8230	Close Driving Lane in Conv Ctr Blvd	2	2	0%	30-Mar-21	31-Mar-21	205
8170	Demolish and Sand Fill Storm Drain Lines	11	11	0%	01-Apr-21	16-Apr-21	199
8180	Relocate Underground Water Lines	12	12	0%	21-Apr-21	06-May-21	172
8240	Tie in Sewer to Existing Manhole	2	2	0%	21-Apr-21	22-Apr-21	187
8160	Demolish and Sand Fill Sewer Line	8	8	0%	23-Apr-21	04-May-21	187
8250	Tie in Water Line to Existing	2	2	0%	07-May-21	10-May-21	172
8210	Demolish and Sand Fill Relocated Water Line	6	6	0%	11-May-21	18-May-21	172
7010	Site Grading for Stair Tower Foundation	5	5	0%	19-May-21	25-May-21	172
7380	Interaction with Public Belt Rail Traffic	0	0	0%	19-May-21	19-May-21	422
7460	Relocate Fencing for 4 Seasons Hardscape Work	5	5	0%	26-May-21	02-Jun-21	235
7500	4 Seasons Subsurface & Fine Grade	15	15	0%	03-Jun-21	23-Jun-21	235

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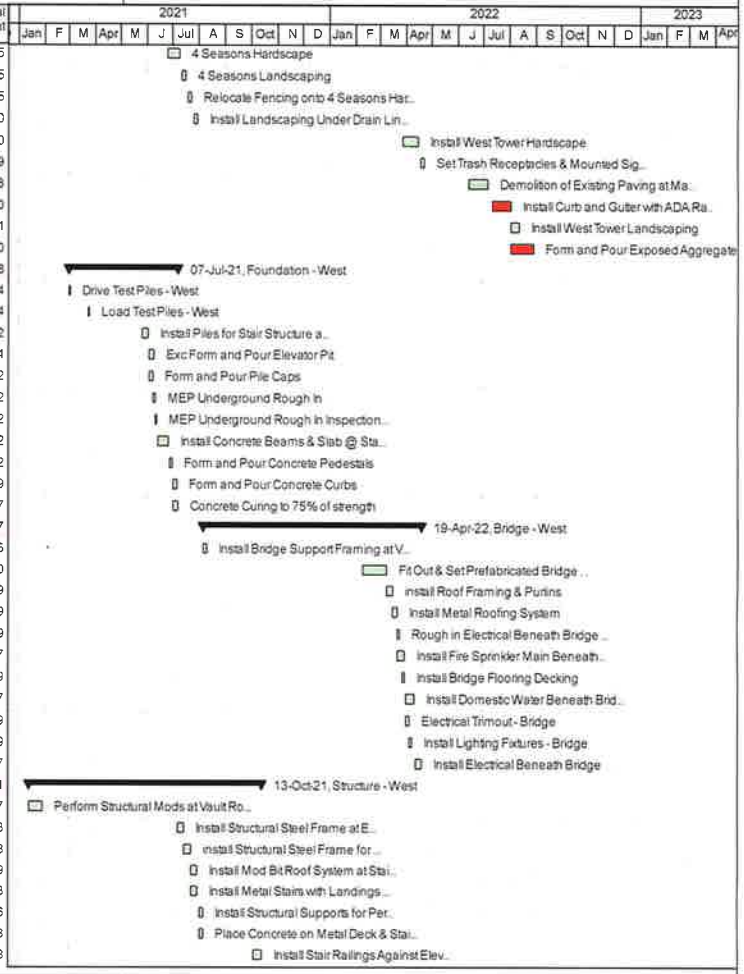
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
7502	4 Seasons Hardscape	11	11	0%	24-Jun-21	09-Jul-21	235
7504	4 Seasons Landscaping	5	5	0%	12-Jul-21	16-Jul-21	235
7490	Relocate Fencing onto 4 Seasons Hardscape	5	5	0%	19-Jul-21	23-Jul-21	235
8960	Install Landscaping Under Drain Lines	5	5	0%	26-Jul-21	30-Jul-21	260
7470	Install West Tower Hardscape	15	15	0%	28-Mar-22	15-Apr-22	70
5080	Set Trash Receptacles & Mounted Signs	5	5	0%	18-Apr-22	22-Apr-22	89
8930	Demolition of Existing Paving at Main Entrance	17	17	0%	13-Jun-22	06-Jul-22	18
8950	Install Curb and Gutter with ADA Ramps	15	15	0%	12-Jul-22	01-Aug-22	0
7480	Install West Tower Landscaping	9	9	0%	02-Aug-22	12-Aug-22	11
8940	Form and Pour Exposed Aggregate Concrete Paving	20	20	0%	02-Aug-22	29-Aug-22	0
Foundation - West		90	90		01-Mar-21	07-Jul-21	178
7228	Drive Test Piles - West	2	2	0%	01-Mar-21	02-Mar-21	214
7238	Load Test Piles - West	2	2	0%	24-Mar-21	25-Mar-21	214
7230	Install Piles for Stair Structure and Bridge 23 ea 65' Timber Piles	5	5	0%	26-May-21	02-Jun-21	172
8680	Exc Form and Pour Elevator Pit	5	5	0%	03-Jun-21	09-Jun-21	174
8690	Form and Pour Pile Caps	3	3	0%	03-Jun-21	07-Jun-21	172
8700	MEP Underground Rough In	3	3	0%	08-Jun-21	10-Jun-21	172
8710	MEP Underground Rough In Inspections	1	1	0%	11-Jun-21	11-Jun-21	172
7240	Install Concrete Beams & Slab @ Stair Structure	10	10	0%	14-Jun-21	25-Jun-21	172
8720	Form and Pour Concrete Pedestals	3	3	0%	28-Jun-21	30-Jun-21	172
8730	Form and Pour Concrete Curbs	3	3	0%	01-Jul-21	06-Jul-21	179
8740	Concrete Curing to 75% of strength	7	7	0%	01-Jul-21	07-Jul-21	257
Bridge - West		173	173		06-Aug-21	19-Apr-22	107
8890	Install Bridge Support Framing at Vault and Piers	3	3	0%	06-Aug-21	10-Aug-21	196
7410	Fit Out & Set Prefabricated Bridge (3 sections)	15	15	0%	10-Feb-22	09-Mar-22	70
8870	install Roof Framing & Purlins	5	5	0%	10-Mar-22	16-Mar-22	99
8880	Install Metal Roofing System	4	4	0%	17-Mar-22	22-Mar-22	99
8850	Rough in Electrical Beneath Bridge Flooring	3	3	0%	23-Mar-22	25-Mar-22	99
8920	Install Fire Sprinkler Main Beneath Bridge	7	7	0%	23-Mar-22	31-Mar-22	107
8860	Install Bridge Flooring Decking	4	4	0%	28-Mar-22	31-Mar-22	99
8910	Install Domestic Water Beneath Bridge	7	7	0%	01-Apr-22	11-Apr-22	107
9030	Electrical Trimout - Bridge	3	3	0%	01-Apr-22	05-Apr-22	99
9040	Install Lighting Fixtures - Bridge	3	3	0%	06-Apr-22	08-Apr-22	99
8900	Install Electrical Beneath Bridge	6	6	0%	12-Apr-22	19-Apr-22	107
Structure - West		187	187		14-Jan-21	13-Oct-21	211
7340	Perform Structural Mods at Vault Roof	11	11	0%	14-Jan-21	28-Jan-21	387
8610	Install Structural Steel Frame at Elevator Shaft	5	5	0%	08-Jul-21	14-Jul-21	173
8620	install Structural Steel Frame for Plaza Tower w/ Decking	6	6	0%	15-Jul-21	22-Jul-21	173
7330	Install Mod Bit Roof System at Stair	6	6	0%	23-Jul-21	30-Jul-21	249
8640	Install Metal Stairs with Landings and Rails	6	6	0%	23-Jul-21	30-Jul-21	173
8630	Install Structural Supports for Perforated Panels	4	4	0%	02-Aug-21	05-Aug-21	196
8670	Place Concrete on Metal Deck & Stair Treads	4	4	0%	02-Aug-21	05-Aug-21	173
8650	Install Stair Railings Against Elevator Shaft	8	8	0%	04-Oct-21	13-Oct-21	173



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APC Construction Company, LLC

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Actual Level of Effort
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RTA Canal St. Ferry Terminal - 2019-006_BLv04.1_UP-4V01_December 20 Progress Update

Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
Exterior - West		164	164		02-Aug-21	31-Mar-22	105
7350	Install Mod Bit Roof at Elec Vault Structure	3	3	0%	02-Aug-21	04-Aug-21	266
8600	Install Poly Carbonate Canopy	4	4	0%	04-Oct-21	07-Oct-21	217
7310	Install Perforated Wall Panels with Alum Frame	15	15	0%	04-Nov-21	24-Nov-21	173
8810	Install Perforated Doors at Level 1	4	4	0%	29-Nov-21	02-Dec-21	181
7370	Paint Exterior Metals Stair & Bridge	12	12	0%	10-Mar-22	25-Mar-22	70
7320	Install Ferry Specialty Signage	4	4	0%	28-Mar-22	31-Mar-22	105
Interior - West		88	88		02-Aug-21	06-Dec-21	181
9000	Entergy Install Protection Inside Vault	5	5	0%	02-Aug-21	06-Aug-21	247
7250	Frame SH6 Metal Framed Walls 6" Metal Studs with Shaft Liner Board	10	10	0%	06-Aug-21	19-Aug-21	173
8760	Set Elevator Door Frames	2	2	0%	06-Aug-21	09-Aug-21	189
8590	Cut in New Door and Louver at Entergy Vault	8	8	0%	09-Aug-21	18-Aug-21	247
8600	Infill Existing Opening at Entergy Vault	4	4	0%	19-Aug-21	24-Aug-21	247
8780	Electrical Conduit and Wire at Tower	8	8	0%	20-Aug-21	31-Aug-21	173
8790	Install Sprinkler Riser to Bridge	5	5	0%	20-Aug-21	26-Aug-21	245
9010	Frame Ceiling at West Stair Tower	4	4	0%	20-Aug-21	25-Aug-21	187
9070	Repair Exterior Finish and Paint Vault	5	5	0%	25-Aug-21	31-Aug-21	247
8770	Install Exterior Gypsum Board on Shaft Walls	4	4	0%	01-Sep-21	07-Sep-21	173
8820	MEP Roughin Above Ceiling at Stairwell	2	2	0%	01-Sep-21	02-Sep-21	183
9060	Install Exterior Waterproofing on Shaft Walls	5	5	0%	08-Sep-21	14-Sep-21	203
7450	Install StoQuick Silver Stucco System on Shaft	15	15	0%	15-Sep-21	05-Oct-21	203
8830	Install StoQuick Silver Stucco System at Ceiling	10	10	0%	20-Sep-21	01-Oct-21	173
7540	Permanent Power at Stair Structure	0	0	0%		05-Oct-21	203
7260	Install Elevator at Stair Structure	20	20	0%	06-Oct-21	02-Nov-21	203
8840	Trim out Lighting Fixtures	10	10	0%	06-Oct-21	19-Oct-21	208
8660	Paint Structural Steel and Railings	15	15	0%	14-Oct-21	03-Nov-21	173
9050	Sealed Concrete Flooring	5	5	0%	20-Oct-21	26-Oct-21	208
8750	Install Folding Security Gate at Level 1	2	2	0%	03-Dec-21	06-Dec-21	181
Permanent Barge		264	264		04-Oct-21	24-Oct-22	63
5012	Install Containment System	2	2	0%	04-Oct-21	05-Oct-21	165
5014	Blast Existing Mooring Dolphins	5	5	0%	06-Oct-21	12-Oct-21	165
5016	Repaint Existing Mooring Dolphins	3	3	0%	13-Oct-21	15-Oct-21	165
5020	Install Structural Steel Platform & Gangway Landing on Barge	5	5	0%	15-Nov-21	19-Nov-21	115
5022	Install Aluminum Platforms on Barge	10	10	0%	22-Nov-21	07-Dec-21	115
5024	Modify & Install Boarding Structures on Barge	15	15	0%	08-Dec-21	29-Dec-21	115
5030	Move & Set Barge in Permanent Location	4	4	0%	16-May-22	19-May-22	24
5040	Set Gangway North	3	3	0%	20-May-22	24-May-22	24
5050	Install Canopy at North Gangway	7	7	0%	20-May-22	31-May-22	63
5090	Install Permanent Utilities	4	4	0%	25-May-22	31-May-22	99
I1002	SFM Inspection at Permanent Berthing	1	1	0%	23-Aug-22	23-Aug-22	39
I1006	City Inspection at Permanent Berthing	1	1	0%	24-Aug-22	24-Aug-22	39
5100	Open Permanent Berthing	0	0	0%		19-Oct-22	0
5070	Transfer South Gangway from Temp Barge	3	3	0%	20-Oct-22	24-Oct-22	1

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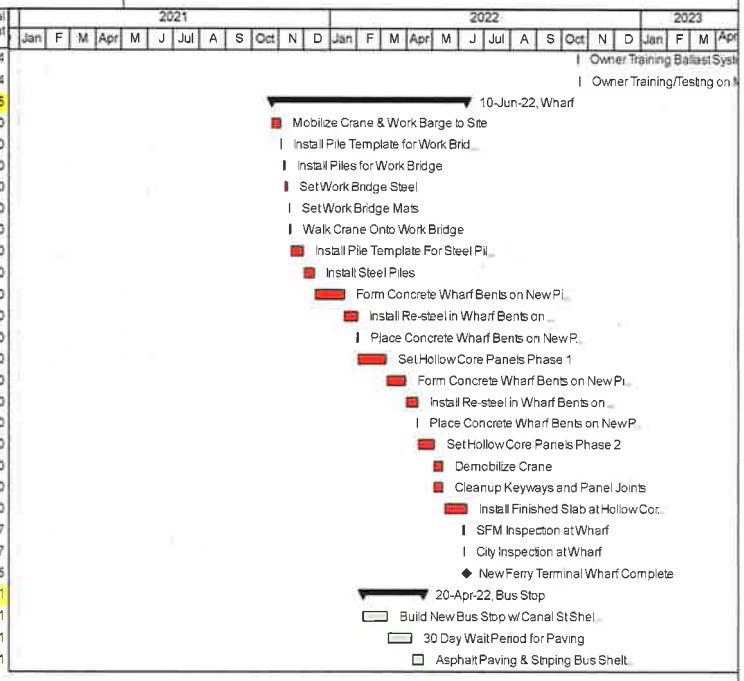
Full Schedule - WBS Group

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float
I1012	Owner Training Ballast System on Permanent Barge	1	1	0%	20-Oct-22	20-Oct-22	64
I1013	Owner Training/Testing on Mooring System	1	1	0%	21-Oct-22	21-Oct-22	64
Wharf		154	154		26-Oct-21	10-Jun-22	55
6050	Mobilize Crane & Work Barge to Site	8	8	0%	26-Oct-21	04-Nov-21	0
6062	Install Pile Template for Work Bridge	1	1	0%	05-Nov-21	05-Nov-21	0
6064	Install Piles for Work Bridge	2	2	0%	08-Nov-21	09-Nov-21	0
6072	Set Work Bridge Steel	3	3	0%	10-Nov-21	12-Nov-21	0
6074	Set Work Bridge Mats	1	1	0%	15-Nov-21	15-Nov-21	0
6076	Walk Crane Onto Work Bridge	1	1	0%	16-Nov-21	16-Nov-21	0
6002	Install Pile Template For Steel Piles	9	9	0%	17-Nov-21	01-Dec-21	0
6004	Install Steel Piles	9	9	0%	02-Dec-21	14-Dec-21	0
6012	Form Concrete Wharf Bents on New Piling Phase 1	22	22	0%	15-Dec-21	17-Jan-22	0
6014	Install Re-steel in Wharf Bents on New Piling Phase 1	12	12	0%	18-Jan-22	02-Feb-22	0
6016	Place Concrete Wharf Bents on New Piling Phase 1	1	1	0%	03-Feb-22	03-Feb-22	0
6090	Set Hollow Core Panels Phase 1	18	18	0%	04-Feb-22	08-Mar-22	0
6082	Form Concrete Wharf Bents on New Piling Phase 2	17	17	0%	09-Mar-22	31-Mar-22	0
6084	Install Re-steel in Wharf Bents on New Piling Phase 2	9	9	0%	01-Apr-22	13-Apr-22	0
6086	Place Concrete Wharf Bents on New Piling Phase 2	1	1	0%	14-Apr-22	14-Apr-22	0
6100	Set Hollow Core Panels Phase 2	13	13	0%	15-Apr-22	03-May-22	0
6110	Demobilize Crane	8	8	0%	04-May-22	13-May-22	0
6130	Cleanup Keyways and Panel Joints	8	8	0%	04-May-22	13-May-22	0
6030	Install Finished Slab at Hollow Core	19	19	0%	16-May-22	10-Jun-22	0
I1003	SFM Inspection at Wharf	1	1	0%	07-Jun-22	07-Jun-22	57
I107	City Inspection at Wharf	1	1	0%	08-Jun-22	08-Jun-22	57
6040	New Ferry Terminal Wharf Complete	0	0	0%		10-Jun-22	55
Bus Stop		45	45		10-Feb-22	20-Apr-22	91
7360	Build New Bus Stop w/ Canal St Shelter	16	16	0%	10-Feb-22	10-Mar-22	91
7510	30 Day Wait Period for Paving	20	20	0%	11-Mar-22	07-Apr-22	91
7520	Asphalt Paving & Striping Bus Shelter	9	9	0%	08-Apr-22	20-Apr-22	91



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2817 Canal Street
New Orleans, LA 70119

New Orleans Regional Transit Authority

Board Report and Staff Summary

File #: 22-070 **Finance Committee**

Mobile Application Replacement

DESCRIPTION: Authorization to procure a mobile application replacement solution.	AGENDA NO: 22-070
ACTION REQUEST: ☒ Approval ☐ Review Comment ☐ Information Only ☐ Other	

RECOMMENDATION:

Given the expiration of GoMobile as RTA's mobile application in August 2022, authorizing the Chief Executive Officer to award the following sole-source contracts to develop and implement a new mobile application solution as a replacement to prevent revenue loss and rider experience impacts:

- Award a contract to Moovit Inc as a Software-As-A-Service Provider to build and host a new "white label" mobile application
- Award a contract to Transit App as a supplemental Third-Party Software-As-A-Service Provider
- Award a contract to Token Transit as a Ticketing-As-A-Service Provider to provide mobile ticketing and payment authorization service

ISSUE/BACKGROUND:

RTA implemented the mobile application GoMobile in 2015 to (1) increase fare sales by introducing mobile payment and e-ticketing, and (2) improve the rider experience by offering real-time information and wayfinding on smartphones. RTA's riders have come to depend on GoMobile for both ticketing and real-time information. Approximately 20% of RTA's annual fare revenue is derived through the GoMobile application ($1.6M in 2021). During the Fare Study, which was conducted in Q4 2021, rider surveys confirmed a significant proportion of riders only use the app for real-time information and wayfinding, revealing the significance of both features in a single app.

GoMobile was developed by Transdev and as such it owns the name and the application in mobile app stores. Transdev retains a license for the application and provides the underlying services and necessary authorizations for the mobile app for a fixed monthly fee as part of the Operations & Maintenance Agreement with RTA. On August 28, 2022, RTA's agreement with Transdev for the provision of such services expires.

In August 2021, RTA staff introduced the Coordinated Fare Modernization Initiative (CFMI) to develop a comprehensive and holistic approach to transforming RTA fare collection systems to improve the speed and quality of service and grow ridership. Included in this initiative is identifying, procuring, and

implementing new technologies that allow for integrated tap cards and mobile payments. This key component requires at least 6 months once grant funds are available in September 2022 and is estimated for rollout in mid-2023.

In order to minimize the disruption to riders that results from introducing a new app, RTA staff initially recommended continuing using GoMobile until the future fare payment technology was deployed. In February 2022 Transdev notified staff they will not amend the agreement to extend GoMobile services and license agreement. As a result, **on August 29, 2022, the GoMobile application will no longer be active**, and RTA will no longer have a mobile application. Given the importance of the mobile app for both ticketing and real-time information, RTA staff endeavored to identify an immediate replacement solution that meets the needs of riders and ensures RTA is still well positioned within the larger Coordinated Fare Modernization Initiative.

RTA staff conducted a thorough analysis of potential options and identified a solution which meets the Agency's goals. This solution provides real-time information, wayfinding, and mobile ticketing in a single application for all transit modes and allows an easier transition for future technology upgrades.

DISCUSSION:

Establishing Goals for the Replacement Solution

RTA staff analyzed mobile application replacement solutions with a focus on the following:

1. **Single-App Solution:** GoMobile provides both real-time information and mobile ticketing to RTA's riders in a single application - fairly unique among transit agencies. In designing a solution, RTA staff prioritized a similarly integrated experience for ease of rider transition.
2. **Future Flexibility:** RTA received a RAISE Grant last year to fund modernization of its fare technology. RTA staff also completed a Fare Study last year to identify a roadmap for improving its fare technology, with a goal of potentially implementing account-based-ticketing. RTA staff prioritized a mobile application replacement solution that allowed for future flexibility in implementing account-based-ticketing.
3. **Eliminating "Second Migration" Risk:** RTA seeks to transition all of its riders to a new application on a one-time basis. RTA staff recognizes the challenge faced by riders in moving from GoMobile to a new application. To reduce the burden on riders, RTA staff prioritized a solution that requires a single transition and does not expose the Agency to future risk of a second migration to another new application.
4. **Meeting Current Levels of Service:** Both RTA and its Riders are accustomed to certain services and functions associated with GoMobile. RTA staff sought to ensure that the replacement solution delivered at least the levels of service associated with the current app, if not higher levels of service.
5. **Meeting Expedited Timeline:** RTA staff sought a solution that could reasonably be delivered in three months by the end of July 2022 to ensure that the Agency meets the transition date of August 28, 2022.

These goals served as the guiding principles for identifying a replacement.

Determining Solution Requirements

RTA staff then developed a list of features needed in a solution to meet the above goals. Features were divided into two categories: Necessary and Preferred:

"Necessary" Features	**"Preferred" Features**
Real-Time Departure and Arrival Information	RTA Branded App
Mobile Wallet	QR Codes for Handheld Validation
Back-End Sales Reporting	Ability to Implemented Integrated Account-Based Ticketing
Service Notifications	Ability to Accept Digital Payment (Apple Pay, Google Pay)
Ability to Authorize Credit/Debit Cards	Integration with Other Regional and Mobility Partners
Service Alerts / Rider Outreach Capabilities	Utilized in Other Cities (visitor familiarity)

Selecting a Replacement Solution

RTA staff analyzed the entire spectrum of options for mobile application replacement. The universe of potential vendors and options is substantial, with RTA's peers opting for a number of different options, including the following:

- **Custom-Built "White-Label" Application**: A "Software-As-A-Service" provider builds the application from scratch based on the transit agency's specifications and needs. Note that "White-Label" means that the transit agency ultimately owns the license to the application. Because these apps are custom built, they can include a range of services including real-time information and/or mobile payment. Because of higher development costs, agencies are moving away from custom-built apps particularly for mobile payment. This option also has the longest lead time to deploy and highest risk with on-time delivery.
- **"Off-the-Shelf" "White-Label" Applications:** A "Software-As-A-Service" provider utilizes already-built application infrastructure (with limited customizations) and delivers it as a white label app. The transit agency retains a license for the application through the white label, owns the app name, and gets customized branding. There are a range of services provided through "White-Label" apps with some only providing mobile ticketing, others only real-time information and a limited few integrating both.
- **Third Party Applications**: Agencies rely on applications that already exist in the public space, simply integrating their ticketing information and service alerts into those already-existing apps for a relatively small monthly fee. The transit agency does not own the application or a license. It activates the app as a service for its riders without customization or branding from the transit agency. Mobile ticketing is integrated into the app through a vendor serving as a mobile

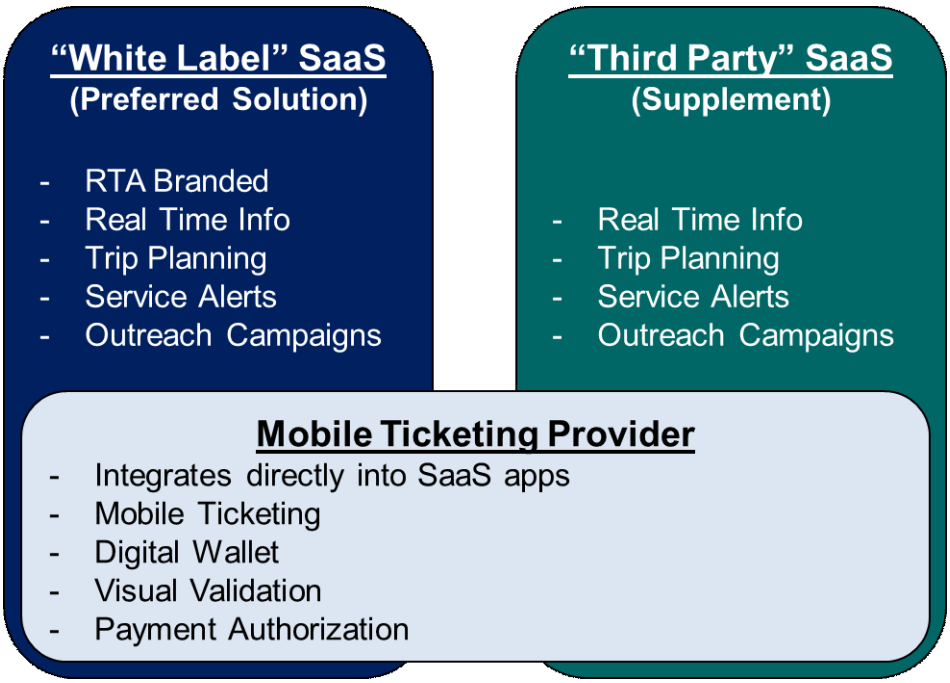
ticketing provider.

After analyzing each of the potential options against the above goals, RTA staff identified a preferred solution: **purchase an off-the-shelf white label application through a software-as-a-service provider**. In analyzing the options, RTA staff also recommend **enabling a third-party application as a supplement to provide redundancy and wider access for visitors**.

This option delivers the following benefits to RTA:

- **White-Label Flexibility**: In delivering a "white-label" solution, RTA retains a license for the application that is delivered. Riders recognize the RTA branding when they download the application. RTA also eliminates the risk of a "second migration." RTA's ownership of the label for the application allows it to change the underlying software and infrastructure without forcing riders to download a new application.
- **Speed of Implementation:** The solution can be delivered by the August 2022 deadline, because the solution is "off-the-shelf." Given the limited amount of customization that needs to occur, RTA reduces risk of failure to implement in time for the GoMobile sunset.
- **Solution Redundancy:** RTA staff recommends activating a third-party application. This provides solution redundancy to ensure that RTA will meet the August 2022 deadline. It also offers RTA another platform to reach riders. Third party applications are used in numerous other markets across the country, thus amplifying ease of use for visitors.
- **Tested Solution:** The "off-the-shelf" nature of the application significantly reduces risk in its deliverability. The exact specifications of the app have been delivered to other agencies successfully.
- **Future Flexibility:** The "off-the-shelf' application and the third-party app utilize a flexible platform that can integrate with multiple fare payment providers. This allows for a future transition to account-based-ticketing without having to download another app.

Given these benefits, RTA staff recommend the delivery of an off-the-shelf white label app with a third -party app as a supplement. An illustration of the solution can be found below:



Selecting Preferred Vendors

Having identified a solution, RTA staff determined the required vendors for delivery. The vendors required for this solution include:

- **"White Label" Software-As-A-Service Provider:** Responsible for standing-up the white-label mobile app (including real-time information) and integrating the Mobile Ticketing Provider into the white-label app.
- **"Third Party" Software-As-A-Service Provider:** Responsible for activating the application for local use and integrating the Mobile Ticketing Provider into the third-party application.
- **Mobile Ticketing Provider:** Serves as a processer of fare payments through the mobile app and integrates with the white-label app and the third-party app.

RTA staff conducted an exhaustive search for vendors across these three scopes of work. Given the urgency of replacement, the high cost of not replacing, and the limitation of firms who are able to provide these specific scopes, RTA seeks to procure these vendors through a sole-source transaction . All three of these vendors have proven off-the-shelf products, integrations, and timely deployments. The selected vendors are:

- **Moovit** will serve as the "white-label" Software-As-A-Service provider. Moovit builds scalable

trip planning and real time information infrastructure for transit agencies and riders. Moovit currently serves nearly 1 billion users in 3,400 cities across 112 countries, in 45 languages and is owned by Intel.

- **Transit App** will serve as the "Third Party" Software-As-A-Service Provider. Transit App is an independently-owned mobile app that provides real-time public transit data to riders around the world, and currently functions in over 175 metropolitan areas. Transit App specializes in real-time information and trip planning. Transit App has existing integrations with several Mobile Ticketing providers.
- **Token Transit** will serve as the Mobile Ticketing Provider. Token Transit provides Fare Payment As-A-Service and is currently used in over 100 cities in the United States. It is independently owned and has existing integrations with both Moovit and Transit App.

FINANCIAL IMPACT:

RTA currently pays two costs associated with GoMobile which result in a total annual cost of approximately $400,000:

- **Service Fee**: Annual cost of $236,982 paid in monthly installments to Transdev.
- **Per Transaction Fee**: Costs per transaction are paid monthly to Authorize.net based on per transaction formula. For example, assuming RTA collects $1.6 million in fare revenue in one month through GoMobile, RTA would pay approximately $160,000 to Authorize.net.

RTA staff analyzed the cost of the replacement solution which would result in total annual costs of approximately $430,000 with a one-time upfront cost of $8,500:

- The "White Label" Software-As-A-Service Provider is paid an annual fixed fee of $250,000. This fee also includes all setup, installation, training, and integration with Mobile Ticketing Provider.
- The "Third Party" Software-As-A-Service Provider is paid monthly fixed fee totaling $21,000 annually and has additional optional rider outreach features with an upfront fixed cost of $8,500.
- The Mobile Ticketing Provider is paid on a per transaction basis. For example, assuming RTA collects $1.6 million in fare revenue through the app, RTA would pay approximately $160,000 annually to Token Transit.

NEXT STEPS:

Upon RTA Board Approval, staff will assign three purchase orders.

ATTACHMENTS:

1. RTA Resolution for Mobile Application Replacement Solution

2. Sole Source Justification - Moovit
3. Sole Source Justification - Transit App
4. Sole Source Justification - Token Transit

Prepared By: Chase Haislip
Title: Director of Internal Audit and Compliance

Reviewed By: Gizelle Banks
Title: Chief Financial Officer

Reviewed By: Mark Major
Title: Deputy Chief Financial Officer

4/6/2022

Alex Wiggins
Chief Executive Officer

Date

Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6307

RESOLUTION NO. 22-070

STATE OF LOUISIANA
PARISH OF ORLEANS

Authorization to Award Contracts for a Software-As-A-Service Provider, a Mobile Ticketing Provider, and the activation of a Third-Party Mobility App to replace RTA's mobile application.

Introduced by Commissioner _____, seconded by Commissioner _____.

WHEREAS, the license for RTA's existing real-time and mobile ticketing smartphone application, GoMobile, which facilitated approximately $1.6 million in revenue in 2021, will expire on August 28, 2022; and

WHEREAS, the annual cost to RTA for GoMobile service, licensing and transaction fees is an estimated $400,000 (depending on volume of mobile ticket sales); and

WHEREAS, the Chief Executive Officer of the RTA has identified the need to replace the mobile application prior to GoMobile's expiration for the benefit of RTA's ridership and to prevent loss of revenue; and

WHEREAS, staff has evaluated and determined that procuring a Software-As-A-Service Provider (Moovit) and a Mobile Ticketing Provider (Token Transit), as well as activating a Third Party Mobility App (Transit App) will enable the RTA to adequately and timely replace GoMobile without a reduction in levels of service to riders; and

WHEREAS, staff conducted a thorough evaluation of possible replacement options and potential vendors to determine a preferred solution; and

WHEREAS, staff evaluated all cost components submitted by the respective vendors and determined the prices to be fair and reasonable; and

WHEREAS, it is the opinion of the RTA Board of Commissioners that the replacement of the GoMobile application is critical to both maintaining levels of service for RTA's ridership and retaining fare revenue associated with mobile ticketing; and

WHEREAS, the cost of the preferred solution is comparable to RTA's existing cost for its mobile application and authorization of mobile payments.

NOW, THEREFORE, BE IT RESOLVED by the RTA Board of Commissioners that the Chairman of the Board, or his designee, is authorized to execute contracts with the following:

(1) Moovit Inc. as a Software-As-A-Service Provider, for an annual amount not to exceed $250,000

(2) Token Transit as a Mobile Ticketing Provider, for fixed fee per fare payment transaction via mobile application, paid monthly for a total annual amount not to exceed $300,000 (all costs charged as a percentage of fare sales such that annual costs are estimated at approximately $160,000 based on last year's GoMobile pass sales).

(3) Transit App as a "Third Party" mobility application for an annual amount not to exceed $21,000 and a one-time fixed activation cost of $8,500.

THE FOREGOING WAS READ IN FULL, THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____
ABSTAIN: _____
ABSENT: _____

AND THE RESOLUTION WAS ADOPTED ON THE __th DAY OF MONTH, 2022.

_____
FLOZELL DANIELS, JR.
CHAIRMAN
RTA BOARD OF COMMISSIONERS

Regional Transit Authority
SOLE SOURCE JUSTIFICATION FORM
FOR TRANSACTION OVER $25,000

FOR PROCUREMENT USE ONLY:
FTA C 4220.1F states: Sole Source Justification - If the recipient decides to solicit an offer from only one source, the recipient must justify its decision adequately considering the standards of subparagraph 3.i(1)(b) of this Chapter. This procurement can be defined as any contract entered without a competitive process. based on a justification that only one known source exists or that only one single supplier can fulfill the requirements. FTA expects this sole source justification to be in writing.

1. The materials/services listed on Requisition number 105917 is available from only one source and competition is precluded for reasons indicated below.

RTA's mobile application, GoMobile, was developed by Transdev. Transdev still owns the license for the application and is responsible for operations, maintenance, and authorizations on behalf of RTA. This arrangement is governed by an Operations and Maintenance Agreement. In February 2022 Transdev notified RTA that it will not renew the Operations and Maintenance Agreement. As a result, on August 29, 2022, the GoMobile application will no longer be active, and RTA will no longer have a mobile application. RTA must identify an immediate replacement mobile solution equivalent to the levels of service offered by its current application to ensure (1) no loss of fare revenue, and (2) continuity of wayfinding and real-time information services for riders.

RTA staff have spent the past year designing the Coordinated Fare Modernization Initiative, a comprehensive project which seeks to modernize the agency's fare elements, including fare technology. RTA has received a $10 million RAISE Grant from the Federal Transit Authority to pursue this modernization strategy. These funds will be accessible in late 2022. Retaining flexibility for that ultimate modernization, which should include tap cards, account-based-ticketing, and other mobile ticketing solutions, is paramount to RTA's longer roadmap for fare technology.

Given this context, RTA staff identified the following as requirements for the replacement mobile application:

- **Single-App Solution:** GoMobile provides both real-time information and mobile ticketing to RTA's riders in a single application – fairly unique among transit agencies. In designing a solution, RTA staff prioritized a similarly integrated experience for ease of rider transition.
- **Future Flexibility:** RTA received a RAISE Grant last year to fund modernization of its fare technology. RTA staff also completed a Fare Study last year to identify a roadmap for improving its fare technology, with a goal of potentially implementing account-based-ticketing. RTA staff prioritized a mobile application replacement solution that allowed for future flexibility in implementing account-based-ticketing.
- **Eliminating "Second Migration" Risk:** RTA seeks to transition all of its riders to a new application on a one-time basis. RTA staff recognizes the challenge faced by riders in moving from GoMobile to a new application. To reduce the burden on riders, RTA staff prioritized a solution that requires a single transition and does not expose the Agency to future risk of a second migration to another new application.

- **Meeting Current Levels of Service:** Both RTA and its Riders are accustomed to certain services and functions associated with GoMobile. RTA staff sought to ensure that the replacement solution delivered at least the levels of service associated with the current app, if not higher levels of service.
- **Meeting Expedited Timeline:** RTA staff sought a solution that could reasonably be delivered in three months by the end of July 2022 to ensure that RTA meets the transition date of August 28, 2022.

RTA staff determined, after a comprehensive analysis given the goals and limitations listed above, that there is only one replacement solution that meets these goals – an "off-the shelf" "white label" application developed by a software-as-a-service provider which utilizes mobile ticketing from a mobile ticketing as-a-service provider, supplemented by a third-party software-as-a-service provider for redundancy. RTA staff determined that Moovit, Transit App, and Token Transit, respectively, are the only combination of vendors able to deliver the solution.

2. This acquisition is restricted to the following source:

Manufacturer: Token Transit
Manufacturer Address: 350 Townsend St., San Francisco, CA 94107
Manufacturer's Dealer/Representative: Zachary Browne
Dealer/Representative Address & Phone Number: zachary@tokentransit.com, (608) 770-5514

3. Description of the materials/service required, the estimated cost, and required delivery date.

Token Transit as a Mobile Ticketing Provider. The estimated cost for the solution is $160,000 per year, with a Not-to-Exceed of $300,000. Note that Token Transit is paid as a percentage of fare revenues, such that they only earn revenue when RTA sells fares. The required delivery date is 7/30/22. Token Transit serves as a processer of fare payments through the mobile app and integrates with the white-label app and the third-party app.

4. Specific characteristics of the materials/service that limit the availability to a sole source are unique features and functionality of the system.

Token Transit has existing integrations with Moovit and Transit App, the other two vendors procured as part of the mobile application replacement. These existing integrations ensure speed of delivery and quality of the implementation. As noted in response to Question 1, RTA seeks to retain flexibility to pursue a full fare modernization pursuant to the RAISE Grant it received from the FTA. Token Transit does not compete in the full account-based-ticketing systems and thus will be easy to "swap out" of RTA's fare system during the full modernization process, if necessary. Token Transit is the only firm that offers RTA this flexibility.

5. Check and fill in all that are applicable:

☒ **The material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed. Describe the equipment you have now and how the new materials/service must coordinate, connect, or interface with the existing system:** Token Transit has existing integrations with Moovit and Transit App, the other two vendors procured as part of the mobile application replacement. These existing integrations ensure speed of delivery and quality of the implementation.

☐ A patent, copyright, or proprietary data limits competition. The proprietary data are described as follows:

☐ These are "direct replacement" parts/components for existing equipment.

☒ **Other information to support a sole source buy:** As noted in response to Question 1, RTA seeks to retain flexibility to pursue a full fare modernization pursuant to the RAISE Grant it received from the FTA. Token Transit does not compete in the full account-based-ticketing systems and thus will be easy to "swap out" of RTA's fare system during the full modernization process, if necessary. Token Transit is the only firm that offers RTA this flexibility.

(a) Sole Source. When the recipient requires supplies or services available from only one responsible source, and no other supplies or services will satisfy its requirements, the recipient may make a sole source award. When the recipient requires an existing contractor to make a change to its contract that is beyond the scope of that contract, the recipient has made a sole source award that must be justified.

Unique Capability or Availability. The property or services are available from one source if one of the conditions described below is present:

Unique or Innovative Concept. The offeror demonstrates a unique or innovative concept or capability not available from another source. Unique or innovative concept means a new, novel, or changed concept, approach, or method that is the product of original thinking, the details of which are kept confidential or are patented or copyrighted and is available to the recipient only from one source and has not in the past been available to the recipient from another source.

Patents or Restricted Data Rights. Patent or data rights restrictions preclude competition.

Substantial Duplication Costs. In the case of a follow-on contract for the continued development or production of highly specialized equipment and major components thereof, when it is likely that award to another contractor would result in substantial duplication of costs that are not expected to be recovered through competition.

Unacceptable Delay. In the case of a follow-on contract for the continued development or production of a highly specialized equipment and major components thereof, when it is likely that award to another contractor would result in unacceptable delays in fulfilling the recipient's needs.

CERTIFICATION

I certify that statements checked, and information provided above are complete and correct to the best of my knowledge. I understand that the processing of this Sole-Source Justification precludes the use of full and open competition.

Doris O'Sullivan
Requestor

4/6/22
Date

RTA

A. I have reviewed this form and the attachments provided and by signing below I give authority to the above stated department representative to proceed as lead in the procurement process.

Stuart J. Stu — Dir of I. T.

Department Head — **Title**

B. Certification of Authorized Grant:

Is this item/specification consistent with the Authorized Grant? Yes (No)

Director of Grants/ Federal Compliance — **Date**

C. Safety: Include Standard Safety Provisions Only

Additional Safety Requirements Attached

Safety Director — **Date**

Risk Management: Include Standard Insurance Provisions Only? (Yes) (No)
Include Additional Insurance Requirements Attached

Risk Management Analyst — **Date**

D. Funding Source: Federal State (Local) (Other) _____

Funds are specifically allocated in the Department's current fiscal year budget or in a grant to cover this expenditure as follows:

Total Available Funding: $300,000 (NTE)

Estimated Cost: $300,000 (NTE)

FTA Grant No.(s) N/A

Budget Code(s) [redacted] 1.4035

ES7 — 4/7/22

Budget Analyst — **Date**

E. DBE/SBE Goal: 0 % DBE — 0 % Small Business

4/7/2022

Director of Small Business Development — **Date**

4/7/2022

DBE/EEO Compliance Manager — **Date**

F. Authorizations: I have reviewed and approved this sole source justification request.

Lana Edwards Hahn	4/7/21
Chief/Deputy CEO	**Date**
Kenneth M. Baker Jr.	4/7/21
Director of Procurement	**Date**
Chief Financial Officer	**Date**
Chief Executive Officer	**Date**

Regional Transit Authority
SOLE SOURCE JUSTIFICATION FORM
FOR TRANSACTION OVER $25,000

FOR PROCUREMENT USE ONLY:
FTA C 4220.1F states: Sole Source Justification - If the recipient decides to solicit an offer from only one source, the recipient must justify its decision adequately considering the standards of subparagraph 3.i(1)(b) of this Chapter. This procurement can be defined as any contract entered without a competitive process. based on a justification that only one known source exists or that only one single supplier can fulfill the requirements. FTA expects this sole source justification to be in writing.

1. The materials/services listed on Requisition number 105918 is available from only one source and competition is precluded for reasons indicated below.

RTA's mobile application, GoMobile, was developed by Transdev. Transdev still owns the license for the application and is responsible for operations, maintenance, and authorizations on behalf of RTA. This arrangement is governed by an Operations and Maintenance Agreement. In February 2022 Transdev notified RTA that it will not renew the Operations and Maintenance Agreement. As a result, on August 29, 2022, the GoMobile application will no longer be active, and RTA will no longer have a mobile application. RTA must identify an immediate replacement mobile solution equivalent to the levels of service offered by its current application to ensure (1) no loss of fare revenue, and (2) continuity of wayfinding and real-time information services for riders.

RTA staff have spent the past year designing the Coordinated Fare Modernization Initiative, a comprehensive project which seeks to modernize the agency's fare elements, including fare technology. RTA has received a $10 million RAISE Grant from the Federal Transit Authority to pursue this modernization strategy. These funds will be accessible in late 2022. Retaining flexibility for that ultimate modernization, which should include tap cards, account-based-ticketing, and other mobile ticketing solutions, is paramount to RTA's longer roadmap for fare technology.

Given this context, RTA staff identified the following as requirements for the replacement mobile application:

- **Single-App Solution:** GoMobile provides both real-time information and mobile ticketing to RTA's riders in a single application – fairly unique among transit agencies. In designing a solution, RTA staff prioritized a similarly integrated experience for ease of rider transition.
- **Future Flexibility:** RTA received a RAISE Grant last year to fund modernization of its fare technology. RTA staff also completed a Fare Study last year to identify a roadmap for improving its fare technology, with a goal of potentially implementing account-based-ticketing. RTA staff prioritized a mobile application replacement solution that allowed for future flexibility in implementing account-based-ticketing.
- **Eliminating "Second Migration" Risk:** RTA seeks to transition all of its riders to a new application on a one-time basis. RTA staff recognizes the challenge faced by riders in moving from GoMobile to a new application. To reduce the burden on riders, RTA staff prioritized a solution that requires a single transition and does not expose the Agency to future risk of a second migration to another new application.

- **Meeting Current Levels of Service:** Both RTA and its Riders are accustomed to certain services and functions associated with GoMobile. RTA staff sought to ensure that the replacement solution delivered at least the levels of service associated with the current app, if not higher levels of service.
- **Meeting Expedited Timeline:** RTA staff sought a solution that could reasonably be delivered in three months by the end of July 2022 to ensure that RTA meets the transition date of August 28, 2022.

RTA staff determined, after a comprehensive analysis given the goals and limitations listed above, that there is only one replacement solution that meets these goals – an "off-the shelf" "white label" application developed by a software-as-a-service provider which utilizes mobile ticketing from a mobile ticketing as-a-service provider, supplemented by a third-party software-as-a-service provider for redundancy. RTA staff determined that Moovit, Transit App, and Token Transit, respectively, are the only combination of vendors able to deliver the solution.

2. This acquisition is restricted to the following source:

Manufacturer: Transit App
Manufacturer Address: 803-5333 av. Casgrain, Montreal, Quebec, H2T1X3, Canada
Manufacturer's Dealer/Representative: Beth Resta
Dealer/Representative Address & Phone Number: beth@transit.app, (510) 703-7596

3. Description of the materials/service required, the estimated cost, and required delivery date.

Transit App is a Third-Party Mobility Application. The estimated cost is $21,000 for an annual subscription, as well as a $8,500 upfront activation cost. The required delivery date is 7/30/22. Transit App is responsible for activating their third-party application for local use and integrating the Mobile Ticketing Provider into the app.

4. Specific characteristics of the materials/service that limit the availability to a sole source are unique features and functionality of the system.

RTA is activating a third-party mobility application for technology redundancy and better access to the visitor market. Transit App is ubiquitous in North America as a real-time information and wayfinding application and is active in over 175 metropolitan areas worldwide. Transit App's existing integration with Token Transit, and its ease of activation offers RTA comfort in its deliverability prior to the August 2022 deadline.

5. Check and fill in all that are applicable:

☒ **The material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed. Describe the equipment you have now and how the new materials/service must coordinate, connect, or interface with the existing system:** Transit App has existing integration with Token Transit, ensuring ease of activation.

☐ A patent, copyright, or proprietary data limits competition. The proprietary data are described as follows:

☐ These are "direct replacement" parts/components for existing equipment.

☒ **Other information to support a sole source buy:** Transit App is the ubiquitous wayfinding app in major metropolitan centers in North America (other than Google Maps).

(a) Sole Source. When the recipient requires supplies or services available from only one responsible source, and no other supplies or services will satisfy its requirements, the recipient may make a sole source award. When the recipient requires an existing contractor to make a change to its contract that is beyond the scope of that contract, the recipient has made a sole source award that must be justified.

Unique Capability or Availability. The property or services are available from one source if one of the conditions described below is present:

Unique or Innovative Concept. The offeror demonstrates a unique or innovative concept or capability not available from another source. Unique or innovative concept means a new, novel, or changed concept, approach, or method that is the product of original thinking, the details of which are kept confidential or are patented or copyrighted and is available to the recipient only from one source and has not in the past been available to the recipient from another source.

Patents or Restricted Data Rights. Patent or data rights restrictions preclude competition.

Substantial Duplication Costs. In the case of a follow-on contract for the continued development or production of highly specialized equipment and major components thereof, when it is likely that award to another contractor would result in substantial duplication of costs that are not expected to be recovered through competition.

Unacceptable Delay. In the case of a follow-on contract for the continued development or production of a highly specialized equipment and major components thereof, when it is likely that award to another contractor would result in unacceptable delays in fulfilling the recipient's needs.

CERTIFICATION

I certify that statements checked, and information provided above are complete and correct to the best of my knowledge. I understand that the processing of this Sole-Source Justification precludes the use of full and open competition.

Doris O'Sullivan — 4/6/22

Requestor **Date**

A. I have reviewed this form and the attachments provided and by signing below I give authority to the above stated department representative to proceed as lead in the procurement process.

Dir of I.T.

Department Head **Title**

B. Certification of Authorized Grant:

Is this item/specification consistent with the Authorized Grant? Yes (No)

Director of Grants/ Federal Compliance **Date**

C. Safety: Include Standard Safety Provisions Only

Additional Safety Requirements Attached

Safety Director **Date**

Risk Management: Include Standard Insurance Provisions Only? Yes No

Include Additional Insurance Requirements Attached

Risk Management Analyst **Date**

D. Funding Source: Federal State Local Other:_____

Funds are specifically allocated in the Department's current fiscal year budget or in a grant to cover this expenditure as follows:

Total Available Funding:	$29,500
Estimated Cost:	$29,500
FTA Grant No.(s)	N/A
Budget Code(s)	1290002.8580.15182

Budget Analyst **Date** 4/7/22

E. DBE/SBE Goal: 0 % DBE 0 % Small Business

Director of Small Business Development **Date** 4/7/2022

DBE/EEO Compliance Manager **Date** 4/7/2022

F. Authorizations: I have reviewed and approved this sole source justification request.

Chief/Deputy CEO **Date** 4/7/22

Director of Procurement **Date** 4/7/22

Chief Financial Officer **Date**

Chief Executive Officer **Date**

Regional Transit Authority
SOLE SOURCE JUSTIFICATION FORM
FOR TRANSACTION OVER $25,000

FOR PROCUREMENT USE ONLY:
FTA C 4220.1F states: Sole Source Justification - If the recipient decides to solicit an offer from only one source, the recipient must justify its decision adequately considering the standards of subparagraph 3.i(1)(b) of this Chapter. This procurement can be defined as any contract entered without a competitive process. based on a justification that only one known source exists or that only one single supplier can fulfill the requirements. FTA expects this sole source justification to be in writing.

1. The materials/services listed on Requisition number 105916 is available from only one source and competition is precluded for reasons indicated below.

RTA's mobile application, GoMobile, was developed by Transdev. Transdev still owns the license for the application and is responsible for operations, maintenance, and authorizations on behalf of RTA. This arrangement is governed by an Operations and Maintenance Agreement. In February 2022 Transdev notified RTA that it will not renew the Operations and Maintenance Agreement. As a result, on August 29, 2022, the GoMobile application will no longer be active, and RTA will no longer have a mobile application. RTA must identify an immediate replacement mobile solution equivalent to the levels of service offered by its current application to ensure (1) no loss of fare revenue, and (2) continuity of wayfinding and real-time information services for riders.

RTA staff have spent the past year designing the Coordinated Fare Modernization Initiative, a comprehensive project which seeks to modernize the agency's fare elements, including fare technology. RTA has received a $10 million RAISE Grant from the Federal Transit Authority to pursue this modernization strategy. These funds will be accessible in late 2022. Retaining flexibility for that ultimate modernization, which should include tap cards, account-based-ticketing, and other mobile ticketing solutions, is paramount to RTA's longer roadmap for fare technology.

Given this context, RTA staff identified the following as requirements for the replacement mobile application:

- **Single-App Solution:** GoMobile provides both real-time information and mobile ticketing to RTA's riders in a single application – fairly unique among transit agencies. In designing a solution, RTA staff prioritized a similarly integrated experience for ease of rider transition.
- **Future Flexibility:** RTA received a RAISE Grant last year to fund modernization of its fare technology. RTA staff also completed a Fare Study last year to identify a roadmap for improving its fare technology, with a goal of potentially implementing account-based-ticketing. RTA staff prioritized a mobile application replacement solution that allowed for future flexibility in implementing account-based-ticketing.
- **Eliminating "Second Migration" Risk:** RTA seeks to transition all of its riders to a new application on a one-time basis. RTA staff recognizes the challenge faced by riders in moving from GoMobile to a new application. To reduce the burden on riders, RTA staff prioritized a solution that requires a single transition and does not expose the Agency to future risk of a second migration to another new application.

- **Meeting Current Levels of Service:** Both RTA and its Riders are accustomed to certain services and functions associated with GoMobile. RTA staff sought to ensure that the replacement solution delivered at least the levels of service associated with the current app, if not higher levels of service.
- **Meeting Expedited Timeline:** RTA staff sought a solution that could reasonably be delivered in three months by the end of July 2022 to ensure that RTA meets the transition date of August 28, 2022.

RTA staff determined, after a comprehensive analysis given the goals and limitations listed above, that there is only one replacement solution that meets these goals – an "off-the shelf" "white label" application developed by a software-as-a-service provider which utilizes mobile ticketing from a mobile ticketing as-a-service provider, supplemented by a third-party software-as-a-service provider for redundancy. RTA staff determined that Moovit, Transit App, and Token Transit, respectively, are the only combination of vendors able to deliver the solution.

2. This acquisition is restricted to the following source:

Manufacturer: Moovit
Manufacturer Address: 600 California St., San Francisco, CA 94108
Manufacturer's Dealer/Representative: Chris Musielak
Dealer/Representative Address & Phone Number: chris.musielak@moovit.com, (630) 532-7712

3. Description of the materials/service required, the estimated cost, and required delivery date.

Moovit Inc. as a Software-As-A-Service Provider for $250,000.00 USD for delivery by 7/30/22.Moovit is responsible for standing-up the white-label mobile app (including real-time information) and integrating the Mobile Ticketing Provider into the white-label app.

4. Specific characteristics of the materials/service that limit the availability to a sole source are unique features and functionality of the system.

Moovit Inc. is the only Software-As-A-Service provider who can provide an "off-the-shelf" "white-label" mobile application which includes both real-time information and mobile ticketing in a single app. The "off-the-shelf" nature of the product ensures that the new application will be delivered by August 2022. Moovit's existing mobile ticketing integration capabilities (which are proprietary) offer RTA flexibility as it delivers the full Coordinated Fare Modernization Initiative.

5. Check and fill in all that are applicable:

☐ The material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed. Describe the equipment you have now and how the new materials/service must coordinate, connect, or interface with the existing system:

☒ **A patent, copyright, or proprietary data limits competition. The proprietary data are described as follows:** As noted in the response to Question 4, Moovit brings a proprietary "off-the-shelf", "white label" application which includes both real-time information and mobile ticketing integrations. Moovit's existing integrations with other mobile ticketing providers are also proprietary. These integrations provide RTA with the required flexibility to pursue its full fare modernization initiative pursuant to the RAISE Grant it received from the FTA.

☐ These are "direct replacement" parts/components for existing equipment.

☑ **Other information to support a sole source buy:** The "off-the-shelf" nature of the mobile solution ensures that RTA can provide a solution when GoMobile expires on August 28, 2022 (thus ensuring no loss of fare revenue or service to riders).

(a) Sole Source. When the recipient requires supplies or services available from only one responsible source, and no other supplies or services will satisfy its requirements, the recipient may make a sole source award. When the recipient requires an existing contractor to make a change to its contract that is beyond the scope of that contract, the recipient has made a sole source award that must be justified.

Unique Capability or Availability. The property or services are available from one source if one of the conditions described below is present:

Unique or Innovative Concept. The offeror demonstrates a unique or innovative concept or capability not available from another source. Unique or innovative concept means a new, novel, or changed concept, approach, or method that is the product of original thinking, the details of which are kept confidential or are patented or copyrighted and is available to the recipient only from one source and has not in the past been available to the recipient from another source.

Patents or Restricted Data Rights. Patent or data rights restrictions preclude competition.

Substantial Duplication Costs. In the case of a follow-on contract for the continued development or production of highly specialized equipment and major components thereof, when it is likely that award to another contractor would result in substantial duplication of costs that are not expected to be recovered through competition.

Unacceptable Delay. In the case of a follow-on contract for the continued development or production of a highly specialized equipment and major components thereof, when it is likely that award to another contractor would result in unacceptable delays in fulfilling the recipient's needs.

CERTIFICATION

I certify that statements checked, and information provided above are complete and correct to the best of my knowledge. I understand that the processing of this Sole-Source Justification precludes the use of full and open competition.

Doris O'Sullivan
Requestor

4/6/22
Date

A. I have reviewed this form and the attachments provided and by signing below I give authority to the above stated department representative to proceed as lead in the procurement process.

Department Head

4/7/2022
Title

B. Certification of Authorized Grant:

Is this item/specification consistent with the Authorized Grant? Yes No

N/A
Director of Grants/ Federal Compliance

N/A
Date

C. Safety: Include Standard Safety Provisions Only

Additional Safety Requirements Attached

Safety Director **Date**

Risk Management: Include Standard Insurance Provisions Only? Yes No
Include Additional Insurance Requirements Attached

Risk Management Analyst **Date**

D. Funding Source: Federal State Local Other:_____

Funds are specifically allocated in the Department's current fiscal year budget or in a grant to cover this expenditure as follows:

Total Available Funding:	$250,000
Estimated Cost:	$250,000
FTA Grant No.(s)	N/A
Budget Code(s)	1290002.8580.15182

CSA
Budget Analyst

4/7/22
Date

E. DBE/SBE Goal: 0 % DBE 0 % Small Business

Director of Small Business Development

4/7/2022
Date

DBE/EEO Compliance Manager

4/7/2022
Date

F. Authorizations: I have reviewed and approved this sole source justification request.

Lona Edwards Hankins
Chief/Deputy CEO

4/7/21
Date

Director of Procurement

4/7/21
Date

Chief Financial Officer **Date**

Chief Executive Officer **Date**