



CITY OF FORT LAUDERDALE

APPROVED

**MEETING MINUTES
CITY OF FORT LAUDERDALE
FIRE-RESCUE FACILITIES BOND ISSUE
BLUE RIBBON COMMITTEE
FORT LAUDERDALE CITY HALL
100 N. ANDREWS AVENUE
FORT LAUDERDALE, FLORIDA, 33301
VIRTUAL MEETING
THURSDAY, JULY 23, 2020
6:00 P.M.**

Committee Members		Attendance – January / December 2020	
		Present	Absent
Douglas Meade, Chair	P	2	1
Frank Snedaker, Vice Chair	P	3	0
Mark Booth	P	2	1
Raymond Dettmann	P	3	0
Patrick Dirindin	P	1	0
Don Larson	P	3	0
Charles Tatelbaum	P	3	0

Staff

Danica Grujicic, Project Manager II
Irina Tokar, Senior Project Manager
Jill Prizlee, Chief Engineer
Betty Crews, Administrative Assistant
Robert Bacic, Deputy Fire Chief
Brigitte Chiapetta, Recording Secretary, Prototype, Inc.

1. Call to Order

The meeting was called to order at 6:00 p.m.

• Roll Call

Roll was called and it was noted a quorum was present.

2. Approval of Previous Meeting Minutes

• February 27, 2020

Motion made by Mr. Booth, seconded by Mr. Snedaker, to approve. In a voice vote, the **motion** passed unanimously.

3. Staff Liaison Report

- **Project Status – FS 8 and FS 13**

Senior Project Manager Irina Tokar presented the fire bond expenditure report and asked if there were any questions.

Fire Station #8: Construction is 84 percent complete, based on the current billing. The estimated substantial completion date is set for October 22, 2020. There were significant delays due to COVID-19 as well as with FP&L. Despite these circumstances, the contractor, consultant and City staff continue to push the project forward. The contractor was able to fully mobilize to the site and worked with a full crew, including the weekends, once payment issues were resolved. Please see Exhibit III for progress picture of the site.

City staff processed Burke Change Order #6 with no increase in the contract price and 233 additional calendar days. Change Order #6 is for the installation of additional sidewalk, removal of two wall cabinets, window treatment changes in sleeping quarters, changing rubber to wood base in gym area, upgrading six (6) motor operators for roll-up doors, changing of tile flooring to epoxy for the majority of the fire station and installation of anti-static floor tile in informational technology room, exterior signage and kitchen modifications, and FM-200 fire-suppression system removal from the scope.

This change order is also to add an additional 233 calendar days to the original contract time due to the delays associated with roll-up doors, fencing, flooring revisions, COVID-19, and weather. The contractor agreed to accept the additional days in lieu of \$170,635.18 originally requested for general conditions. Staff determined that the requested time extension is warranted to be added to the contract based on the delay analysis prepared by the contractor. In addition, CPZ Architects, Inc. agreed to continue providing construction administration services at no additional cost until the projected substantial completion date in October.

Fire Department requested to upgrade the flooring from tile to epoxy throughout Fire Station #8 with the exception of showers, bays, and informational technology room. This change will lower the cost of maintenance and eliminate the issues that Fire Department experienced with tile flooring on other fire stations. Epoxy flooring is very low maintenance and easy to clean. This change order includes the upgrades for motor operators required by the door manufacturer for the installation of Level “E” roll-up doors NOA No. 18-0125.11 which were approved via Change Order #4. Level “E” doors are heavier than impact doors originally specified. As a result of a more powerful motor operator is required. In addition, the Fire Department requested to delete FM-200 fire-suppression system from the information technology (IT) room due to the high cost of maintenance and certification. A number of items were value-engineered, including exterior signage,

cabinetry, baseboard to offset the cost of epoxy flooring and other changes added to the scope.

Staff is currently evaluating the charges and the draft agreement recently submitted to us by Florida East Coast Railway (FEC) to connect our new crossing warning system to their controller to allow for signal synchronization. FEC preliminary fees are \$104,330. According to FEC, the reason for high fees is that in order to have synchronized connection, the railroad controller needs to be changed. Staff discussed the possibility of not making the connection with Broward County, but it was stated that it is a requirement.

Furthermore, during the installation of new traffic signals, it was discovered that there is no existing conduit to pull wire to provide power as indicated on the drawings. The project requires installation of approximately 508 linear feet of new 2" conduit including under railroad tracks. The proposed cost from the contractor is \$34,711. Staff is working to get another estimate from our City's annual contractor. This work will require FEC approval.

Mr. Snedaker asked what impact the FEC work would have on the project timeline. Ms. Tokar stated staff believes they will be able to open the station while working through the issues. She noted the fee is being negotiated, and once a revised agreement is in place it needs to be reviewed by the legal department and go before the City Commission. Directional boring is required due to the lack of existing conduit.

Mr. Snedaker asked if the Fire Department had any issues with opening while the issue was being corrected. Ms. Tokar stated they would not be able to make a left turn onto 17th Street until the conflict is resolved.

Mr. Booth followed up on a discussion at the February 27 meeting, asking where the additional \$4 million added to the fire budget came from. Ms. Tokar explained additional funds were transferred from the City's General Capital Project Fund, Parking and Airport funds as detailed in Exhibit I, page 2 of financial report. Mr. Snedaker suggested to update the financial report for Fire Station #54 since it is completed.

Chair Meade asked Deputy Fire Chief Robert Bacic to weigh in on opening Station 8 with the restriction regarding left turns. Deputy Fire Chief Bacic stated he was 98 percent sure it would not be a problem, and if there were issues, they would turn the trucks around to use the back doors instead of the front doors.

Fire Station #13: Task Order with ACAI Associates, Inc. in the amount of \$660,585 for design and post-design construction administration of Fire Station #13 was approved at the Commission meeting on April 7, 2020. As soon as the contract was executed, staff issued notice to proceed to ACAI Associates, Inc. with the start date on June 15, 2020. Please refer to the Exhibit IV for the design schedule. Presently, the consultant is working on the site survey, geotechnical analysis, and programming. All work is progressing as planned and on schedule. Staff anticipates starting the construction in May of 2022.

If construction proceeds with a 12,000 sq. ft. station as originally planned, staff anticipates \$4,510,000 needed; staff is planning to submit the request for the additional grant funding in September. Currently, the fire station is being designed to the available budget.

Chair Meade asked when the first draft plans would be available to review. Ms. Tokar stated it would be a few months, and staff would present it as soon as it was ready. She noted staff is exploring whether a revision of scope is needed to meet funds available.

Temporary Fire Station #13: Craven Thompson & Associates (CTA) and City staff presented the Design Development Drawings to Historical Board on July 6, 2020 and received a favorable recommendation. City also issued notice to proceed with Phase I Archeological Survey to Terracon Company, Inc. on July 13, 2020.

The project is scheduled to be presented to Planning and Zoning Board on September 16, 2020. CTA also scheduled Public Purpose Meeting with Central Beach Alliance (CBA) on August 8, 2020.

The current projected date to start construction is April 2021.

Mr. Snedaker asked why archeological review was required. Ms. Tokar explained the review was a staff recommendation during initial Planning and Zoning review and the consultant was hired. Discussion ensued regarding the date for Planning and Zoning review and the impact on the project schedule.

Chair Meade asked that the plan for temporary housing for the fire station be sent out with the next meeting package.

Mr. Snedaker asked if the plan was still to use the doublewide on Galt. Ms. Tokar stated it had been evaluated by a consultant and was in an acceptable shape to be moved to the site.

4. Communication to the City Commission

Mr. Snedaker mentioned previous discussion regarding asking the City Commission to enact a fire impact fee as part of development charges. He stated it was favorably received but not acted on and asked if another comment should be sent.

Discussion ensued regarding the value of fire impact fees. Mr. Tatelbaum said he would go back and look at the language previously sent and send it to Ms. Tokar for the next meeting agenda.

Mr. Tatelbaum stated there was discussion last year regarding an issue with where Fire Station 8 is located and its impact on EMS services on the south side. He reported that after the FRB pressed for it, the City has found the funds to purchase a parcel on Miami Road by Davie to create an EMS substation.

Mr. Booth welcomed Mr. Dirindin to the Committee.

5. Adjournment – Next regular meeting: August 27, 2020

There being no further business to come before the Committee at this time, the meeting was adjourned at 6:34 p.m.

Any written public comments made 48 hours prior to the meeting regarding items discussed during the proceedings have been attached hereto.

[Minutes prepared by C. Parkinson, Prototype, Inc.]



Memorandum

To: Fire-Rescue Bond Committee
From: Irina Tokar, RA, Senior Project Manager
Date: July 14, 2020
Re: Fire-Rescue Facilities Bond Issue Blue Ribbon Committee Update

The purpose of this Memorandum is to provide an update on the two (2) remaining fire station projects and one (1) temporary fire station.

Please see the current fire bond expenditures report (Exhibit I). The original fire bond amount was \$40,000,000. The current appropriation to date is \$44,199,589, which exceeds the \$40,000,000 bond allocation due to the additional funds transferred and interest earned.

Fire Station #8

The construction is 84% complete based on the current billing. The substantial completion date is currently projected to be on 10/22/2020 (Exhibit II). The construction time has been extended due to significant workforce issues associated with COVID-19, emergency declaration in March by the Florida State of Emergency. The project experienced significant issues with available workforce that also included delays in getting temporary power from Florida Power Light (FPL). Despite these circumstances, the contractor, consultant and, City staff continue to push the project forward. The contractor was able to fully mobilize to the site and worked with a full crew, including the weekends, once payment issues were resolved. Please see Exhibit III for progress picture of the site.

City staff processed Burke Change Order #6 with no increase in the contract price and 233 additional calendar days. Change Order #6 is for the installation of additional sidewalk, removal of two wall cabinets, window treatment changes in sleeping quarters, changing rubber to wood base in gym area, upgrading 6 (six) motor operators for roll-up doors, changing of tile flooring to epoxy for the majority of the fire station and installation of anti-static floor tile in informational technology room, exterior signage and kitchen modifications, and FM-200 fire-suppression system removal from the scope.

This change order is also to add an additional two hundred thirty-three (233) calendar days to the original contract time due to the delays associated with roll-up doors, fencing, flooring revisions, COVID-19, and weather. The contractor agreed to accept the additional days in lieu of \$170,635.18 originally requested for general conditions. Staff determined that the requested time extension is warranted to be added to the contract based on the delay analysis prepared by the contractor. In addition, CPZ Architects, Inc.





agreed to continue providing construction administration services at no additional cost until the projected substantial completion date in October.

Fire Department requested to upgrade the flooring from tile to epoxy throughout Fire Station #8 with the exception of showers, bays, and informational technology room. This change will lower the cost of maintenance and eliminate the issues that Fire Department experienced with tile flooring on other fire stations. Epoxy flooring is very low maintenance and easy to clean. This change order includes the upgrades for motor operators required by the door manufacturer for the installation of Level "E" roll-up doors NOA No. 18-0125.11 which were approved via Change Order #4. Level "E" doors are heavier than impact doors originally specified. As a result of a more powerful motor operator is required. In addition, the Fire Department requested to delete FM-200 fire-suppression system from the information technology (IT) room due to the high cost of maintenance and certification. A number of items were value-engineered, including exterior signage, cabinetry, baseboard to offset the cost of epoxy flooring and other changes added to the scope.

We are currently evaluating the charges and the draft agreement recently submitted to us by Florida East Coast Railway (FEC) to connect our new crossing warning system to their controller to allow for signal synchronization. FEC preliminary fees are \$104,330. According to FEC, the reason for high fees is that in order for us to have synchronized connection, the railroad controller needs to be changed. We discussed the possibility of not making the connection with Broward County, but it was stated that it is a requirement.

Furthermore, during the installation of new traffic signals, it was discovered that there is no existing conduit to pull wire to provide power as indicated on the drawings. We need to install approximately 508 linear feet of new 2" conduit including under railroad tracks. The proposed cost from the contractor is \$34,711. We are working to get another estimate from our City's annual contractor. This work will require FEC approval.

Fire Station #13

Task Order with ACAI Associates, Inc. in the amount of \$660,585 for design and post-design construction administration of Fire Station #13 was approved at the Commission meeting on April 7, 2020. As soon as the contract was executed, we issued notice to proceed to ACAI Associates, Inc. with the start date on June 15, 2020. Please refer to the Exhibit IV for the design schedule. Presently, the consultant is working on the site survey, geotechnical analysis, and programming. All work is progressing as planned and on schedule. We anticipate starting the construction in May of 2022.

The current preliminary cost estimate for Fire Station #13 exceeds the bond estimate by \$4,510,000. Staff is looking to submit a grant application for Rebuild Florida General Infrastructure Program (GIP) Plan to request additional construction funding.





Temporary Fire Station #13

Craven Thompson & Associates (CTA) and City staff presented the Design Development Drawings to Historical Board on July 6, 2020 and we received a favorable recommendation. City also issued notice to proceed with Phase I Archeological Survey to Terracon Company, Inc. on July 13, 2020.

The project is scheduled to be presented to Planning and Zoning Board on September 16, 2020. CTA also scheduled Public Purpose Meeting with Central Beach Alliance (CBA) on August 8, 2020.

The current projected date to start construction is April 2021 (Exhibit V).

Attachments:

- Exhibit I: Fire Rescue Bond Expenditures
- Exhibit II: Construction Schedule Fire Station #8
- Exhibit III: Progress Pictures Fire Station #8
- Exhibit IV: Design Schedule Fire Station #13
- Exhibit V: Design Schedule Temporary Fire Station #13

C: Chris Lagerbloom, City Manager
John Herbst, City Auditor
Laura Reece, Budget Manager
Rhoda Mae Kerr, Fire Chief
Robert Bacic, Deputy Fire Chief
Raj Verma, Public Works Director
Jill Prizlee, Chief Engineer



**FIRE RESCUE BOND SERIES 2005 AND 2011
AS OF July 1, 2020**

Project Number	Project Title	Bond Estimate (Exhibit A)	Appropriations to Date*	Expenditures to date	Unspent Balance	Encumbrance	Funds Available
FIRE RESCUE BOND 2005 SERIES FUND (336)							
COMPLETED STATIONS							
P10363	**EXEC AIRPORT ARFF/EOC BUILDING	3,535,000	6,050,721	6,050,721	-	-	-
P10766	REPLACEMENT FIRE STATION 47	3,760,000	4,033,510	4,033,510	-	-	-
P10905	FIRE STATION 29 DESIGN & CONSTRUCTION	3,760,000	3,847,235	3,847,235	-	-	-
P10910	FIRE STATION SOUTHEAST LAND ACQUISITION	1,350,000	9,500	9,500	-	-	-
P10911	FIRE STATION 46 DESIGN & CONSTRUCTION	3,760,000	3,356,804	3,356,804	-	-	-
P10912	FIRE STATION 49 DESIGN & CONSTRUCTION	-	3,860,394	3,860,394	-	-	-
P10916	NEW FIRE STATION 3	3,760,000	2,777,833	2,777,833	-	-	-
P10919	NEW FIRE STATION 35	4,510,000	3,627,073	3,627,073	-	-	-
P11238	TEMPORARY FIRE STATION 29 MODIFICATIONS	-	119,394	119,394	-	-	-
P11368	TEMPORARY FIRE STATION 49	3,760,000	309,655	309,655	-	-	-
P11892	TEMPORARY FIRE STATION 54	-	420,748	420,748	-	-	-
COMPLETED STATIONS TOTAL		28,195,000	28,412,867	28,412,867	-	-	-
NON-STATION RELATED COSTS							
P00274	BOND AND OTHER FINANCIAL EXPENSES	-	706,838	706,838	-	-	-
P11024	NEW FIRE STATIONS SHARED PROJECT COSTS	-	23,105	23,105	-	-	-
P11576	FIRE STATION FEASIBILITY STUDY	-	68,000	68,000	-	-	-
NON-STATION RELATED COSTS TOTAL		-	797,943	797,943	-	-	-
STATIONS TO BE COMPLETED							
P10909	NEW SOUTHEAST FIRE STATION 8	3,535,000	5,197,260	4,123,386	1,073,874	1,073,727	147
P10914	NEW FIRE STATION 54	3,760,000	5,118,873	5,003,367	115,506	100,080	15,426
P10918	NEW FIRE STATION 13	4,510,000	4,671,646	171,040	4,500,606	671,097	3,829,509
STATIONS TO BE COMPLETED TOTAL		11,805,000	14,987,779	9,297,793	5,689,986	1,844,904	3,845,082
FIRE RESCUE BOND 2005 SERIES FUND (336) TOTAL		40,000,000	44,198,589	38,508,603	5,689,986	1,844,904	3,845,082
GENERAL CAPITAL PROJECTS FUND (331)							
COMPLETED STATIONS							
P10363	**EXEC AIRPORT ARFF/EOC BUILDING	N/A	593,711	593,711	-	-	-
P10766	REPLACEMENT FIRE STATION 47	N/A	1,019,348	1,019,348	-	-	-
P10916	NEW FIRE STATION 3	N/A	71,846	71,846	-	-	-
COMPLETED STATIONS TOTAL			1,684,905	1,684,905	-	-	-
STATIONS TO BE COMPLETED							
P10909	NEW SOUTHEAST FIRE STATION 8	N/A	644,256	371,571	272,685	177,422	95,263

**FIRE RESCUE BOND SERIES 2005 AND 2011
AS OF July 1, 2020**

Project Number	Project Title	Bond Estimate (Exhibit A)	Appropriations to Date*	Expenditures to date	Unspent Balance	Encumbrance	Funds Available
P10914	NEW FIRE STATION 54	N/A	316,674	316,673	1	-	1
P10918	NEW FIRE STATION 13	N/A	106,000	22,259	83,741	-	83,741
P12509	TEMPORARY FIRE STATION 13		380,000	53,530	326,470	130,532	195,938
STATIONS TO BE COMPLETED TOTAL			1,446,930	764,033	682,897	307,954	374,943
GENERAL CAPITAL PROJECTS FUND (331) TOTAL			3,131,835	2,448,938	682,897	307,954	374,943
PARKING FUND (461)							
STATIONS TO BE COMPLETED							
P10909	SE FIRE STATION DESIGN & CONSTRUCTION	N/A	50,000	46,233	3,767	1,067	2,700
P10914	NEW FIRE STATION 54	N/A	500,000	500,000			
STATIONS TO BE COMPLETED TOTAL			550,000	546,233	3,767	1,067	2,700
PARKING FUND (461) TOTAL			550,000	546,233	3,767	1,067	2,700
AIRPORT FUND (468)							
COMPLETED STATIONS							
P10363	**EXEC AIRPORT ARFF/EOC BUILDING	N/A	3,593,447	3,593,447	-	-	-
COMPLETED STATIONS TOTAL			3,593,447	3,593,447	-	-	-
AIRPORT FUND (468) TOTAL			3,593,447	3,593,447	-	-	-

* Since 2005, the bond proceeds have earned \$2.5 Million in interest revenue. With the 2011 bond issue, the City received \$400,000 in premiums revenue.

** P10363 Executive Airport ARFF/EOC Building project included airport funds which have been completely spent.

FS8-12 - Fire Station 8 - Update 2020-0715				FTL Fire Sta - Schedule Update - Data Date = 07/15/20													07/16/20 14:29																									
Activity ID	Activity Name	Orig Dur	Rem Dur	Per Cent Comp	Start	Finish	Qtr 4, 2018			Qtr 1, 2019			Qtr 2, 2019			Qtr 3, 2019			Qtr 4, 2019			Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021			Qtr 2, 2021			Qtr 3, 2021		
							Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	
Fire Station 8 - Update 2020-0715																																										
MILESTONE EVENTS																																										
CONTRACT COMPLETION DATES																																										
99900	ORIGINAL CONTRACT SUBSTANTIAL COMPLETION (360 DAYS)	0	0	100%		10/10/19 A																											◆ ORIGINAL CONTRACT SUBSTANTIAL COMPLETION (360 DAYS),									
100009	CHANGE ORDER #1 TIME EXTENSION (7 DAYS)	7	0	100%	10/11/19 A	10/17/19 A																											■ CHANGE ORDER #1 TIME EXTENSION (7 DAYS)									
100019	CO No. 2 - TIME EXTENSION (62 DAYS)	62	0	100%	10/18/19 A	12/18/19 A																											■ CO No. 2 - TIME EXTENSION (62 DAYS)									
99950	ORIGINAL CONTRACT FINAL COMPLETION (390 DAYS)	0	0	100%		11/09/19 A																											◆ ORIGINAL CONTRACT FINAL COMPLETION (390 DAYS),									
100029	CO No. 3 - TIME EXTENSION (11 DAYS)	11	0	100%	12/19/19 A	12/29/19 A																											■ CO No. 3 - TIME EXTENSION (11 DAYS)									
99961	ADJUSTED CONTRACT SUBSTANTIAL COMPLETION (440 DAYS)	0	0	100%		12/29/19 A																											◆ ADJUSTED CONTRACT SUBSTANTIAL COMPLETION (440 DAYS),									
99971	ADJUSTED CONTRACT FINAL COMPLETION (470 DAYS)	0	0	100%		01/28/20 A																											◆ ADJUSTED CONTRACT FINAL COMPLETION (470 DAYS),									
COMMENCEMENT																																										
99000	ISSUE SITE PERMIT	1	0	100%	10/15/18 A	01/09/19 A	■ ISSUE SITE PERMIT																																			
90000	NOTICE TO PROCEED	0	0	100%	10/15/18 A		◆ NOTICE TO PROCEED, 10/15/18 A																																			
90100	ISSUE BUILDING PERMIT	1	0	100%	10/15/18 A	01/09/19 A	■ ISSUE BUILDING PERMIT																																			
FINAL INSPECTIONS																																										
99150	Final Landscape Inspections	2	2	0%	08/20/20	08/24/20																											■ Final Landscape Inspections									
99160	Final Public Works Inspection	2	2	0%	08/24/20	08/26/20																											■ Final Public Works Inspection									
99110	TCO Mechanical Inspections	5	5	0%	10/09/20	10/15/20																											■ TCO Mechanical Inspections									
99130	TCO Electrical Inspections	5	5	0%	10/09/20	10/15/20																											■ TCO Electrical Inspections									
99120	TCO Fire Preliminary Inspection	5	5	0%	10/09/20	10/15/20																											■ TCO Fire Preliminary Inspection									
99140	TCO Fire Inspection	5	5	0%	10/16/20	10/22/20																											■ TCO Fire Inspection									
99170	TCO Building Inspections	2	2	0%	10/21/20	10/22/20																											■ TCO Building Inspections									
COMPLETION MILESTONES																																										
99910	(TCO) SUBSTANTIAL COMPLETION	0	0	0%		10/22/20*																											◆ (TCO) SUBSTANTIAL COMPLETION,									
99995	PROJECT CLOSEOUT	21	21	0%	10/23/20	11/20/20																											■ PROJECT CLOSEOUT									
99290	Contractor Punch Out	10	10	0%	10/23/20	11/05/20																											■ Contractor Punch Out									
99292	Owner Punch Out	11	11	0%	11/06/20	11/20/20																											■ Owner Punch Out									
99999	FINAL COMPLETION	0	0	0%		11/20/20*																											◆ FINAL COMPLETION,									
DELAYS & IMPACTS																																										
MASTER PERMIT DELAYS																																										
90110	Obtain Master Building Permit After NTP	10	0	100%	10/15/18 A	01/09/19 A	■ Obtain Master Building Permit After NTP																																			
90120	Master Building Permit Available	1	0	100%	01/09/19 A	01/09/19 A	Master Building Permit Available																																			
90130	Start Construction	1	0	100%	01/10/19 A	01/10/19 A	Start Construction																																			
UNFORESEEN FORCE MAIN PIPE																																										
90210	Unforeseen Force Main Discovered	1	0	100%	01/21/19 A	01/21/19 A	Unforeseen Force Main Discovered																																			
90220	Perform Additional Work to Resolve Conflict	7	0	100%	01/21/19 A	01/28/19 A	■ Perform Additional Work to Resolve Conflict																																			
90230	Resume Site Work & Building Pad Construction	1	0	100%	01/29/19 A	01/29/19 A	Resume Site Work & Building Pad Construction																																			
OVERHEAD DOOR DELAY																																										
93108	Specified Door Not Level "E" - Door Rejected	1	0	100%	04/18/19 A	04/18/19 A	Specified Door Not Level "E" - Door Rejected																																			
93110	Resolve O/H Door Supplier	20	0	100%	04/19/19 A	02/24/20 A	■ Resolve O/H Door Supplier																																			
93120	Owner Approve Change Order for Level "E" Door Supplier	1	0	100%	02/21/20 A	02/21/20 A	Owner Approve Change Order for Level "E" Door Supplier																																			
93124	Approve Shop Drawings	10	0	100%	02/28/20 A	03/25/20 A	■ Approve Shop Drawings																																			
93130	Release New Doors for Fabrication	1	0	100%	03/26/20 A	03/26/20 A	Release New Doors for Fabrication																																			
93220	Fabricate New Doors	40	0	100%	03/26/20 A	04/29/20 A	■ Fabricate New Doors																																			
93230	Custom Powder Coating for New Doors	10	0	100%	04/29/20 A	05/06/20 A	■ Custom Powder Coating for New Doors																																			
93029	Deliver New Doors	3	0	100%	05/19/20 A	05/19/20 A	Deliver New Doors																																			

■ Actual Level of Effort
■ Remaining Work
■ Critical Remaining Work
◆ Milestone

Burke Construction Group, Inc.
Fort Lauderdale Fire Station 8

TASK filter: All Activities
Page 1 of 6

1717 SW 1st Ave

FS8-12 - Fire Station 8 - Update 2020-0715				FTL Fire Sta - Schedule Update - Data Date = 07/15/20													07/16/20 14:29																									
Activity ID	Activity Name	Orig Dur	Rem Dur	Per Cent Comp	Start	Finish	Qtr 4, 2018			Qtr 1, 2019			Qtr 2, 2019			Qtr 3, 2019			Qtr 4, 2019			Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021			Qtr 2, 2021			Qtr 3, 2021		
							Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	
16940	Install U/G Electrical	10	0	100%	03/01/19 A	05/10/19 A																																				
16314	Regrade & Compact	2	0	100%	04/01/19 A	05/10/19 A																																				
16316	Form & Pour SOG	8	0	100%	04/17/19 A	07/01/19 A																																				
APPARATUS AREA																																										
17310	Backfill Stem Walls & Compact to Grade	3	0	100%	03/01/19 A	03/04/19 A																																				
17312	Install U/G Plumbing	5	0	100%	09/16/19 A	09/20/19 A																																				
17940	Install U/G Electrical	5	0	100%	09/16/19 A	09/20/19 A																																				
17314	Regrade & Compact	3	0	100%	09/23/19 A	09/27/19 A																																				
17316	Form & Pour SOG	4	0	100%	09/30/19 A	10/05/19 A																																				
SHELL																																										
16434	Form & Pour Concrete Columns to Mezz.	8	0	100%	02/21/19 A	03/21/19 A																																				
16408	Masonry Walls to Mezz.	8	0	100%	03/04/19 A	03/25/19 A																																				
16510	Form & Pour Concrete Beams @ Mezz.	10	0	100%	03/06/19 A	04/01/19 A																																				
16444	Masonry Walls to Roof	8	0	100%	04/16/19 A	07/02/19 A																																				
17520	Form & Pour Concrete Beams @ Low Roof	5	0	100%	04/20/19 A	04/25/19 A																																				
16450	Form & Pour Mezz. Slab	4	0	100%	04/23/19 A	05/01/19 A																																				
16460	Form & Pour Stair @ Mezz.	4	0	100%	04/23/19 A	05/01/19 A																																				
16500	Set Steel & Decking @ Mezz. Slab	4	0	100%	04/29/19 A	05/01/19 A																																				
16530	Form & Pour Concrete Beams @ High Roof	5	0	100%	05/10/19 A	05/28/19 A																																				
16452	Form & Pour Concrete Columns to Roof	8	0	100%	05/13/19 A	06/10/19 A																																				
17422	Set Joists & Decking @ Low Roof	4	0	100%	06/02/19 A	06/10/19 A																																				
17457	Masonry Above Low Roof (Parapets)	5	0	100%	06/12/19 A	06/21/19 A																																				
16432	Set Joists & Decking @ High Roof	4	0	100%	06/19/19 A	08/09/19 A																																				
16406	Masonry Above High Roof (Parapets)	5	0	100%	07/22/19 A	08/01/19 A																																				
ROOF																																										
MAIN BUILDING (LOW ROOF)																																										
16380	Roofing Trades Prep	5	0	100%	08/12/19 A	10/08/19 A																																				
16384	Dry-In Roof	3	0	100%	10/07/19 A	10/08/19 A																																				
16382	Install Built-up Roofing	4	0	100%	10/09/19 A	10/13/19 A																																				
16378	Lightweight Concrete @ Low Roof	3	0	100%	10/10/19 A	10/12/19 A																																				
16386	Install Parapet Cap Flashing & Roof Trim	4	0	100%	12/02/19 A	12/06/19 A																																				
APPARATUS AREA (HIGH ROOF)																																										
17380	Roofing Trades Prep	5	0	100%	08/12/19 A	10/08/19 A																																				
17384	Dry-In Roof	3	0	100%	10/07/19 A	10/08/19 A																																				
17382	Install Built-up Roofing	5	0	100%	10/09/19 A	10/13/19 A																																				
17378	Lightweight Concrete @ High Roof	3	0	100%	10/10/19 A	10/12/19 A																																				
17386	Install Parapet Cap Flashing & Roof Trim	4	0	100%	12/04/19 A	12/06/19 A																																				
BUILDING EXTERIOR																																										
10216	Install Storefront	5	0	100%	08/01/19 A	08/30/19 A																																				
10210	Install Stucco	24	0	100%	09/05/19 A	10/09/19 A																																				
10215	Install Parapet Stucco	5	0	100%	09/18/19 A	09/20/19 A																																				
10214	Install Exterior Doors	5	0	100%	09/20/19 A	09/20/19 A																																				
10218	Cure Stucco	16	0	100%	10/16/19 A	11/29/19 A																																				
10224	Paint Exterior	10	3	70%	12/02/19 A	07/17/20																																				
10238	Install Downspouts	2	0	100%	12/09/19 A	03/07/20 A																																				
10234	Install Exterior Railing	5	0	100%	05/15/20 A	05/22/20 A																																				
10222	Install Roof Ladder	3	0	100%	05/22/20 A	05/22/20 A																																				

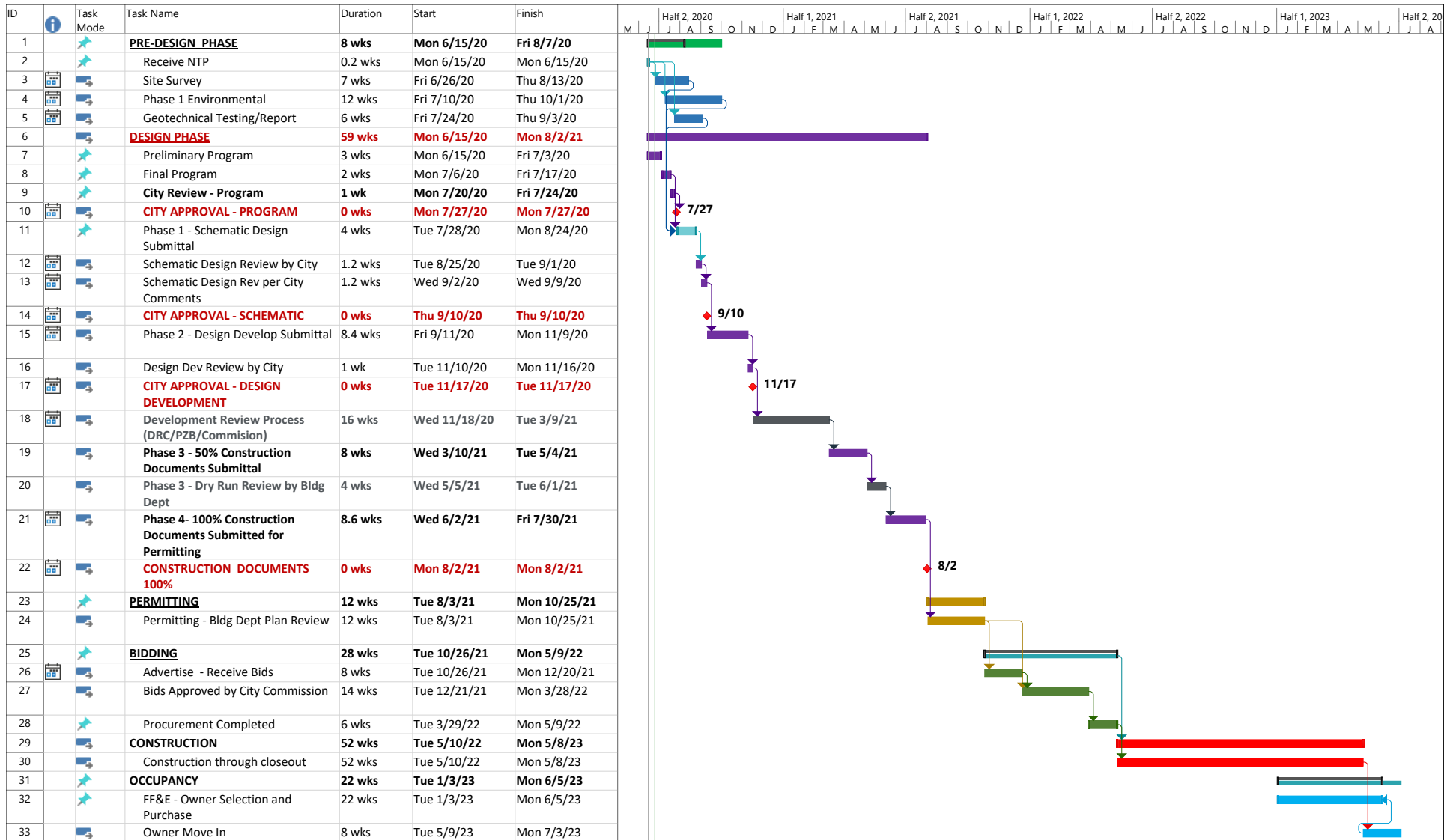
█ Actual Level of Effort
█ Remaining Work
█ Critical Remaining Work
█ Actual Work
█ Milestone

Burke Construction Group, Inc.
Fort Lauderdale Fire Station 8

TASK filter: All Activities
Page 3 of 6

1717 SW 1st Ave

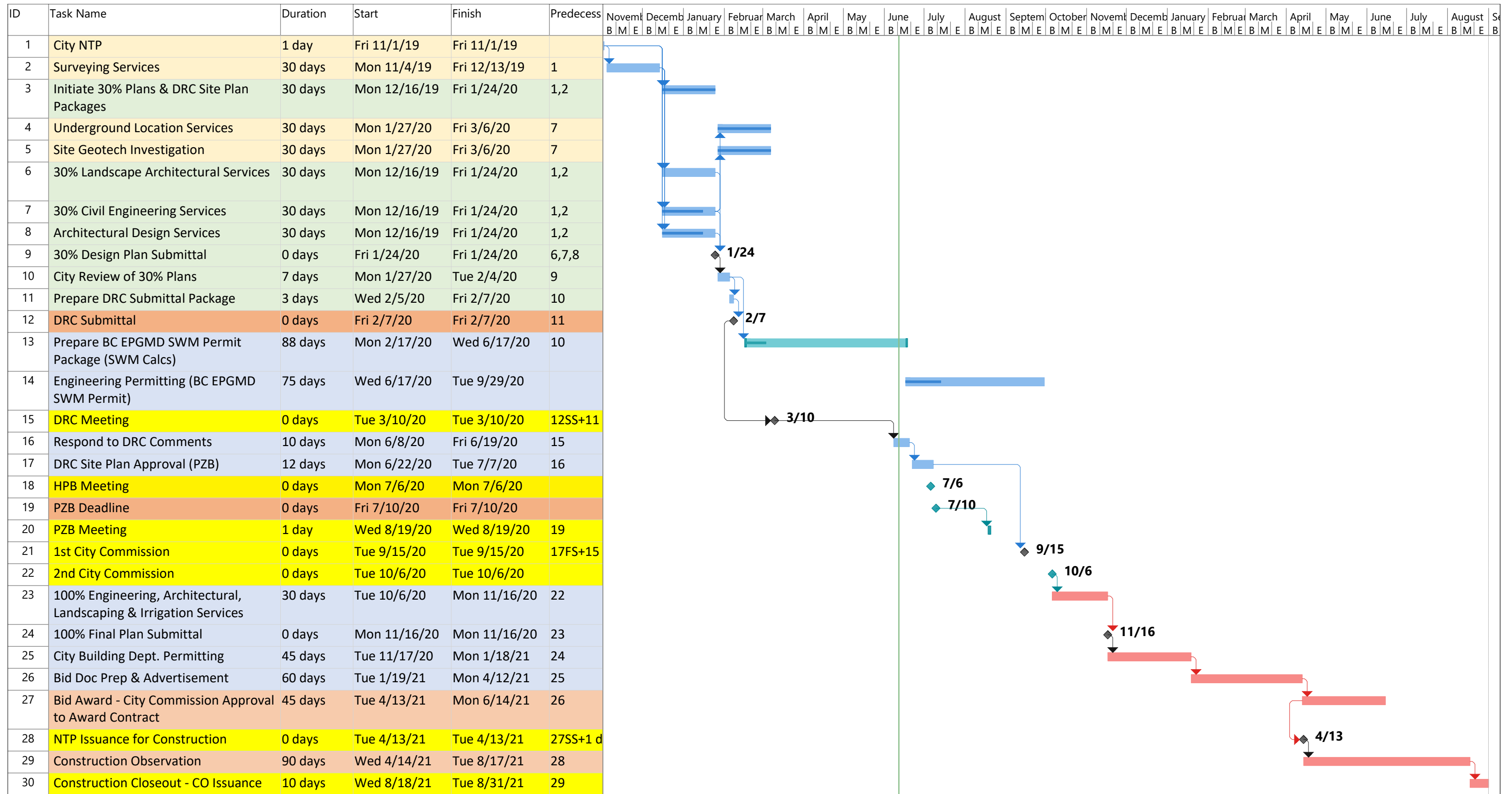




PRELIMINARY SCHEDULE

FIRE STATION 13
 Project 10918
 Hugh Taylor Birch State Park
 2871 E. Sunrise Boulevard
 Ft.Lauderdale, Florida





Project: EXHIBIT D - Tentative P
Date: Fri 6/12/20

Task		Inactive Task		Manual Summary Rollup		External Milestone		Manual Progress	
Split		Inactive Milestone		Manual Summary		Deadline			
Milestone		Inactive Summary		Start-only		Critical			
Summary		Manual Task		Finish-only		Critical Split			
Project Summary		Duration-only		External Tasks		Progress			

Activity ID	Activity Name	Orig Dur	Rem Dur	Per Cent Comp	Start	Finish	Qtr 4, 2018			Qtr 1, 2019			Qtr 2, 2019			Qtr 3, 2019			Qtr 4, 2019			Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021			Qtr 2, 2021			Qtr 3, 2021		
							Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	

Fire Station 8 - Update 2020-0715

MILESTONE EVENTS

CONTRACT COMPLETION DATES

99900	ORIGINAL CONTRACT SUBSTANTIAL COMPLETION (360 DAYS)	0	0	100%		10/10/19 A
100009	CHANGE ORDER #1 TIME EXTENSION (7 DAYS)	7	0	100%	10/11/19 A	10/17/19 A
100019	CO No. 2 - TIME EXTENSION (62 DAYS)	62	0	100%	10/18/19 A	12/18/19 A
99950	ORIGINAL CONTRACT FINAL COMPLETION (390 DAYS)	0	0	100%		11/09/19 A
100029	CO No. 3 - TIME EXTENSION (11 DAYS)	11	0	100%	12/19/19 A	12/29/19 A
99961	ADJUSTED CONTRACT SUBSTANTIAL COMPLETION (440 DAYS)	0	0	100%		12/29/19 A
99971	ADJUSTED CONTRACT FINAL COMPLETION (470 DAYS)	0	0	100%		01/28/20 A

◆ ORIGINAL CONTRACT SUBSTANTIAL COMPLETION (360 DAYS),
■ CHANGE ORDER #1 TIME EXTENSION (7 DAYS)
■ CO No. 2 - TIME EXTENSION (62 DAYS)
◆ ORIGINAL CONTRACT FINAL COMPLETION (390 DAYS),
■ CO No. 3 - TIME EXTENSION (11 DAYS)
◆ ADJUSTED CONTRACT SUBSTANTIAL COMPLETION (440 DAYS),
◆ ADJUSTED CONTRACT FINAL COMPLETION (470 DAYS),

COMMENCEMENT

99000	ISSUE SITE PERMIT	1	0	100%	10/15/18 A	01/09/19 A
90000	NOTICE TO PROCEED	0	0	100%	10/15/18 A	
90100	ISSUE BUILDING PERMIT	1	0	100%	10/15/18 A	01/09/19 A

■ ISSUE SITE PERMIT
◆ NOTICE TO PROCEED, 10/15/18 A
■ ISSUE BUILDING PERMIT

FINAL INSPECTIONS

99150	Final Landscape Inspections	2	2	0%	08/20/20	08/24/20
99160	Final Public Works Inspection	2	2	0%	08/24/20	08/26/20
99110	TCO Mechanical Inspections	5	5	0%	10/09/20	10/15/20
99130	TCO Electrical Inspections	5	5	0%	10/09/20	10/15/20
99120	TCO Fire Preliminary Inspection	5	5	0%	10/09/20	10/15/20
99140	TCO Fire Inspection	5	5	0%	10/16/20	10/22/20
99170	TCO Building Inspections	2	2	0%	10/21/20	10/22/20

■ Final Landscape Inspections
■ Final Public Works Inspection
■ TCO Mechanical Inspections
■ TCO Electrical Inspections
■ TCO Fire Preliminary Inspection
■ TCO Fire Inspection
■ TCO Building Inspections

COMPLETION MILESTONES

99910	(TCO) SUBSTANTIAL COMPLETION	0	0	0%		10/22/20*
99995	PROJECT CLOSEOUT	21	21	0%	10/23/20	11/20/20
99290	Contractor Punch Out	10	10	0%	10/23/20	11/05/20
99292	Owner Punch Out	11	11	0%	11/06/20	11/20/20
99999	FINAL COMPLETION	0	0	0%		11/20/20*

◆ (TCO) SUBSTANTIAL COMPLETION,
■ PROJECT CLOSEOUT
■ Contractor Punch Out
■ Owner Punch Out
◆ FINAL COMPLETION,

DELAYS & IMPACTS

MASTER PERMIT DELAYS

90110	Obtain Master Building Permit After NTP	10	0	100%	10/15/18 A	01/09/19 A
90120	Master Building Permit Available	1	0	100%	01/09/19 A	01/09/19 A
90130	Start Construction	1	0	100%	01/10/19 A	01/10/19 A

■ Obtain Master Building Permit After NTP
■ Master Building Permit Available
■ Start Construction

UNFORESEEN FORCE MAIN PIPE

90210	Unforeseen Force Main Discovered	1	0	100%	01/21/19 A	01/21/19 A
90220	Perform Additional Work to Resolve Conflict	7	0	100%	01/21/19 A	01/28/19 A
90230	Resume Site Work & Building Pad Construction	1	0	100%	01/29/19 A	01/29/19 A

■ Unforeseen Force Main Discovered
■ Perform Additional Work to Resolve Conflict
■ Resume Site Work & Building Pad Construction

OVERHEAD DOOR DELAY

93108	Specified Door Not Level "E" - Door Rejected	1	0	100%	04/18/19 A	04/18/19 A
93110	Resolve O/H Door Supplier	20	0	100%	04/19/19 A	02/24/20 A
93120	Owner Approve Change Order for Level "E" Door Supplier	1	0	100%	02/21/20 A	02/21/20 A
93124	Approve Shop Drawings	10	0	100%	02/28/20 A	03/25/20 A
93130	Release New Doors for Fabrication	1	0	100%	03/26/20 A	03/26/20 A
93220	Fabricate New Doors	40	0	100%	03/26/20 A	04/29/20 A
93230	Custom Powder Coating for New Doors	10	0	100%	04/29/20 A	05/06/20 A
93029	Deliver New Doors	3	0	100%	05/19/20 A	05/19/20 A

■ Specified Door Not Level "E" - Door Rejected
■ Resolve O/H Door Supplier
■ Owner Approve Change Order for Level "E" Door Supplier
■ Approve Shop Drawings
■ Release New Doors for Fabrication
■ Fabricate New Doors
■ Custom Powder Coating for New Doors
■ Deliver New Doors

■ Actual Level of Effort
 ■ Remaining Work
 ◆ Milestone
■ Actual Work
 ■ Critical Remaining Work

FS8-12 - Fire Station 8 - Update 2020-0715				FTL Fire Sta - Schedule Update - Data Date = 07/15/20													07/16/20 14:29																									
Activity ID	Activity Name	Orig Dur	Rem Dur	Per Cent Comp	Start	Finish	Qtr 4, 2018			Qtr 1, 2019			Qtr 2, 2019			Qtr 3, 2019			Qtr 4, 2019			Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021			Qtr 2, 2021			Qtr 3, 2021		
							Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	
16940	Install U/G Electrical	10	0	100%	03/01/19 A	05/10/19 A																																				
16314	Regrade & Compact	2	0	100%	04/01/19 A	05/10/19 A																																				
16316	Form & Pour SOG	8	0	100%	04/17/19 A	07/01/19 A																																				
APPARATUS AREA																																										
17310	Backfill Stem Walls & Compact to Grade	3	0	100%	03/01/19 A	03/04/19 A																																				
17312	Install U/G Plumbing	5	0	100%	09/16/19 A	09/20/19 A																																				
17940	Install U/G Electrical	5	0	100%	09/16/19 A	09/20/19 A																																				
17314	Regrade & Compact	3	0	100%	09/23/19 A	09/27/19 A																																				
17316	Form & Pour SOG	4	0	100%	09/30/19 A	10/05/19 A																																				
SHELL																																										
16434	Form & Pour Concrete Columns to Mezz.	8	0	100%	02/21/19 A	03/21/19 A																																				
16408	Masonry Walls to Mezz.	8	0	100%	03/04/19 A	03/25/19 A																																				
16510	Form & Pour Concrete Beams @ Mezz.	10	0	100%	03/06/19 A	04/01/19 A																																				
16444	Masonry Walls to Roof	8	0	100%	04/16/19 A	07/02/19 A																																				
17520	Form & Pour Concrete Beams @ Low Roof	5	0	100%	04/20/19 A	04/25/19 A																																				
16450	Form & Pour Mezz. Slab	4	0	100%	04/23/19 A	05/01/19 A																																				
16460	Form & Pour Stair @ Mezz.	4	0	100%	04/23/19 A	05/01/19 A																																				
16500	Set Steel & Decking @ Mezz. Slab	4	0	100%	04/29/19 A	05/01/19 A																																				
16530	Form & Pour Concrete Beams @ High Roof	5	0	100%	05/10/19 A	05/28/19 A																																				
16452	Form & Pour Concrete Columns to Roof	8	0	100%	05/13/19 A	06/10/19 A																																				
17422	Set Joists & Decking @ Low Roof	4	0	100%	06/02/19 A	06/10/19 A																																				
17457	Masonry Above Low Roof (Parapets)	5	0	100%	06/12/19 A	06/21/19 A																																				
16432	Set Joists & Decking @ High Roof	4	0	100%	06/19/19 A	08/09/19 A																																				
16406	Masonry Above High Roof (Parapets)	5	0	100%	07/22/19 A	08/01/19 A																																				
ROOF																																										
MAIN BUILDING (LOW ROOF)																																										
16380	Roofing Trades Prep	5	0	100%	08/12/19 A	10/08/19 A																																				
16384	Dry-In Roof	3	0	100%	10/07/19 A	10/08/19 A																																				
16382	Install Built-up Roofing	4	0	100%	10/09/19 A	10/13/19 A																																				
16378	Lightweight Concrete @ Low Roof	3	0	100%	10/10/19 A	10/12/19 A																																				
16386	Install Parapet Cap Flashing & Roof Trim	4	0	100%	12/02/19 A	12/06/19 A																																				
APPARATUS AREA (HIGH ROOF)																																										
17380	Roofing Trades Prep	5	0	100%	08/12/19 A	10/08/19 A																																				
17384	Dry-In Roof	3	0	100%	10/07/19 A	10/08/19 A																																				
17382	Install Built-up Roofing	5	0	100%	10/09/19 A	10/13/19 A																																				
17378	Lightweight Concrete @ High Roof	3	0	100%	10/10/19 A	10/12/19 A																																				
17386	Install Parapet Cap Flashing & Roof Trim	4	0	100%	12/04/19 A	12/06/19 A																																				
BUILDING EXTERIOR																																										
10216	Install Storefront	5	0	100%	08/01/19 A	08/30/19 A																																				
10210	Install Stucco	24	0	100%	09/05/19 A	10/09/19 A																																				
10215	Install Parapet Stucco	5	0	100%	09/18/19 A	09/20/19 A																																				
10214	Install Exterior Doors	5	0	100%	09/20/19 A	09/20/19 A																																				
10218	Cure Stucco	16	0	100%	10/16/19 A	11/29/19 A																																				
10224	Paint Exterior	10	3	70%	12/02/19 A	07/17/20																																				
10238	Install Downspouts	2	0	100%	12/09/19 A	03/07/20 A																																				
10234	Install Exterior Railing	5	0	100%	05/15/20 A	05/22/20 A																																				
10222	Install Roof Ladder	3	0	100%	05/22/20 A	05/22/20 A																																				

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

