

Massachusetts Bay Transportation Authority

Amendment to Professional Services Contract:
X72PS01 Design & Engineering Services for Worcester
Union Station

Fiscal and Management Control Board

June 22, 2020

Maribel Kelly

Overview

Today's board action will allow HDR Engineering, Inc. the professional services consultant for Worcester Union Station Improvements and Associated Track Work Project, to continue to provide design and engineering services through the duration of the project including closeout (anticipated for December 2023).



Contract No. X725PS01 Amendment No. 1

- MBTA Contract No. X72PS01 was awarded to HDR Engineering, Inc. in October 2018 for an amount of \$4,000,000 to fully design the new Worcester Union Commuter Rail Station.
- The current budget for this project is \$66,269,065, with an engineer estimate for the construction of the station of \$43M and \$5M for track and signal work at CP44
- This contract amendment will fund engineering services for Phase VI - Construction Phase Services and additional work added to the project during design development (support for FRA grant application, revised west end design, additional real estate support, design and CPS for the revised CP-44 interlocking including reallocation of home signals and cantilever at this location).



Request of the Fiscal and Management Control Board

The MBTA project staff request that the Fiscal and Management Control Board authorize the MBTA General Manager, or his designee, to execute Amendment No. 1 to MBTA Contract Number No. X72PS01 Design & Engineering Services for Worcester Union Station Improvements & Associated Track Work, for an amount not to exceed \$2,100,000 and a time extension of 15 months.

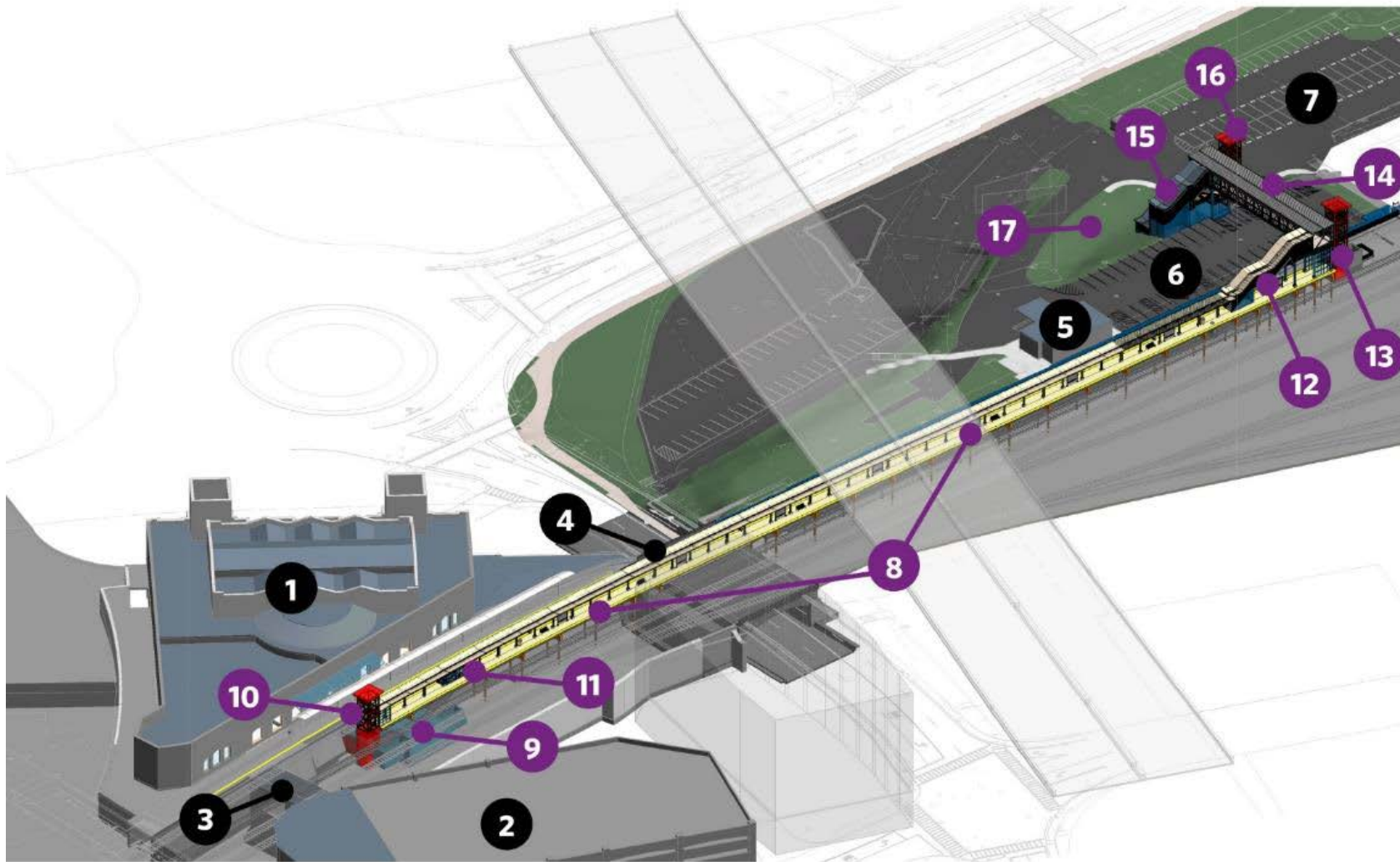


Appendix

Project Scope Details



Project Overview



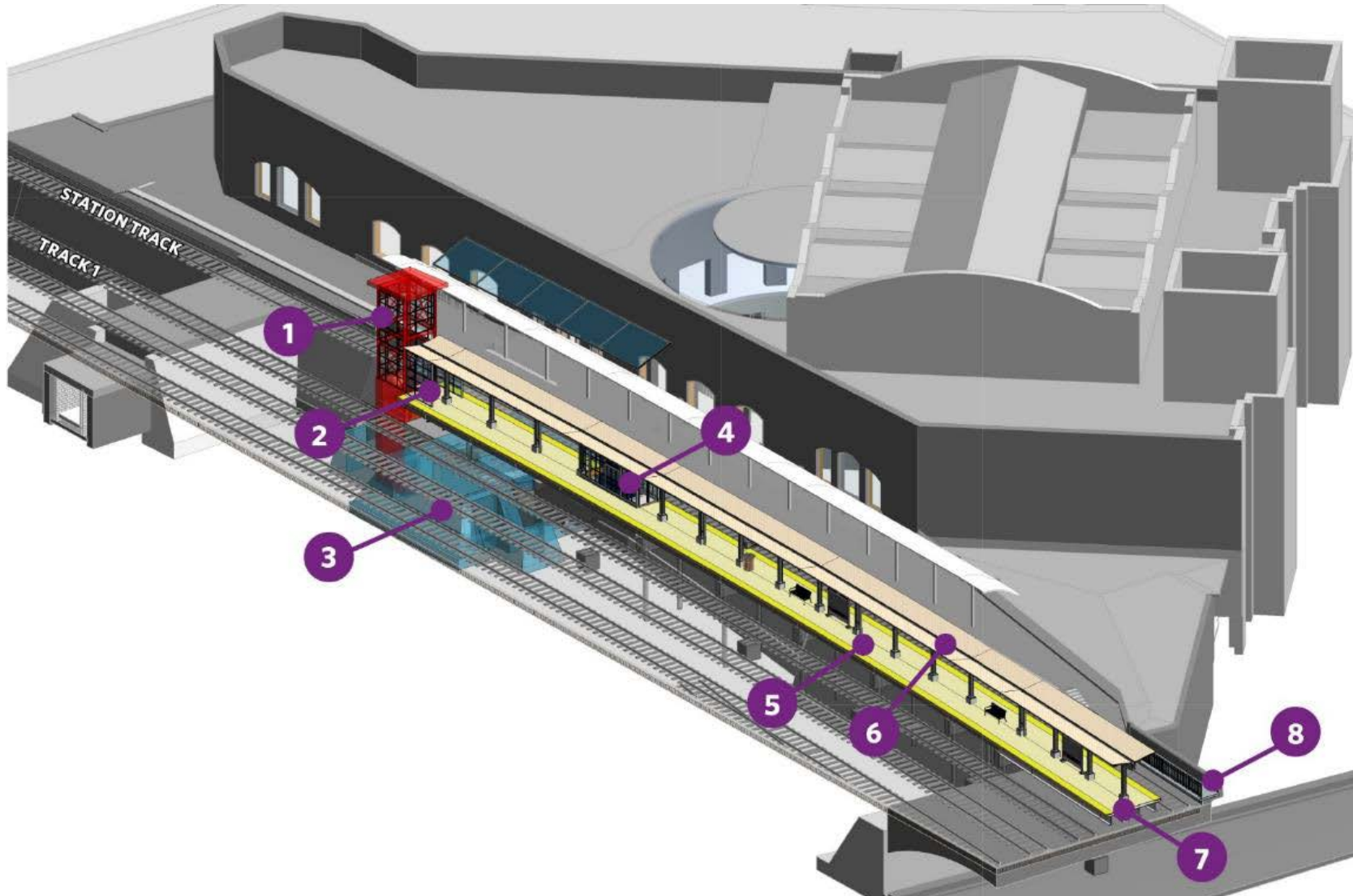
EXISTING FEATURES:

1. Union Station Building
2. Union Station Parking Garage
3. Pedestrian Tunnel to Parking Garage
4. Grafton St. Bridge
5. Keolis Building
6. MBTA Upper Parking Lot
7. MBTA Lower Parking Lot

PROPOSED FEATURES:

8. Center Island Platform
9. Platform Access Corridor (Below)
10. Elevator #1
11. Stair #1
12. Stair #2
13. Elevator #2
14. Pedestrian Bridge
15. Stair #3
16. Elevator #3
17. Rainwater Retention Area

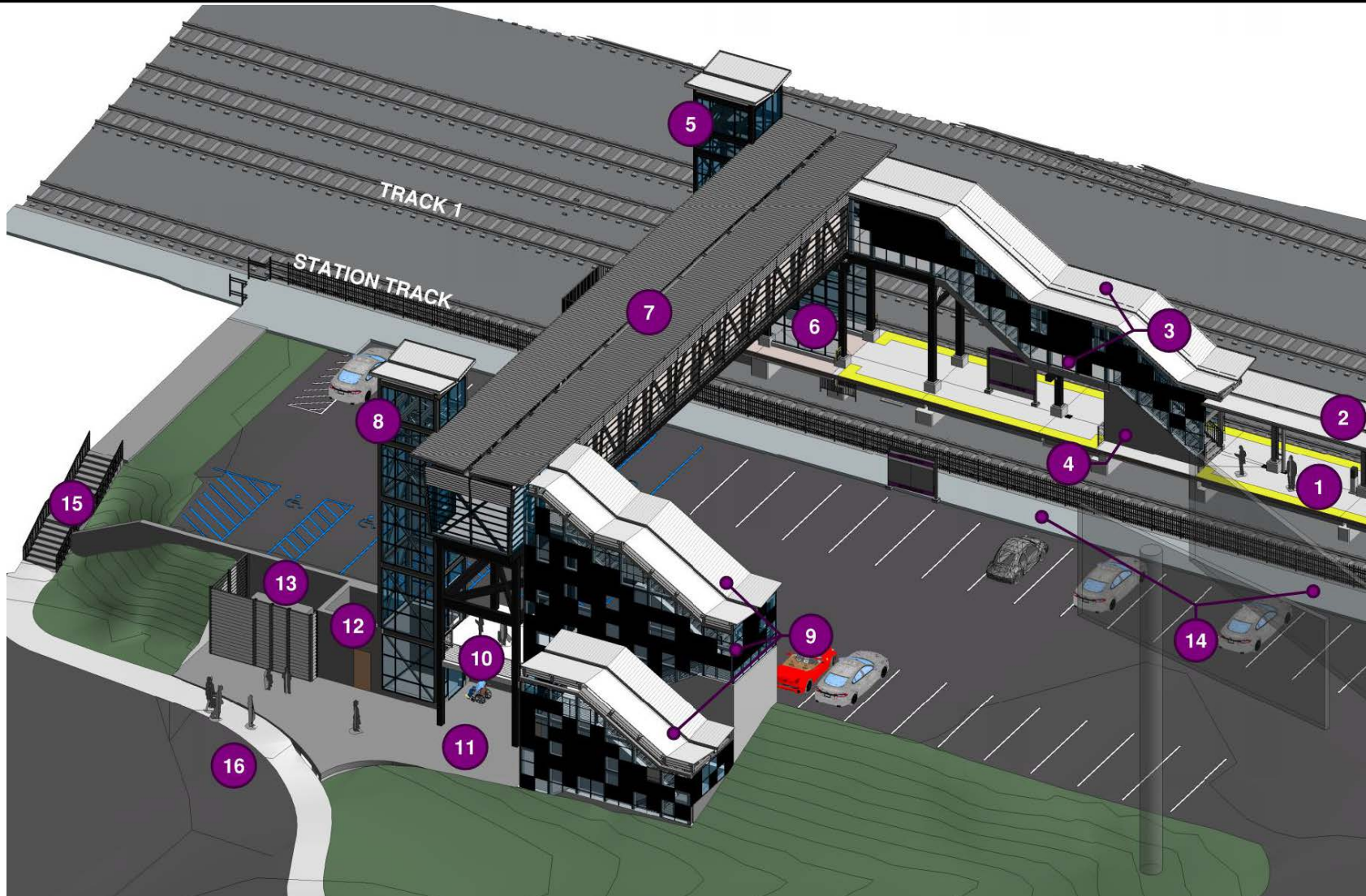
Project Overview – West End 3D View



KEY FEATURES:

1. Elevator #1
2. Elevator Lobby at Platform
3. Platform Access Corridor (Below)
4. Stair #1 w/ Enclosure
5. Center Island Platform
6. Continuous Canopy
7. Platform Spans Over Grafton St. Bridge
8. Accessible Walkway

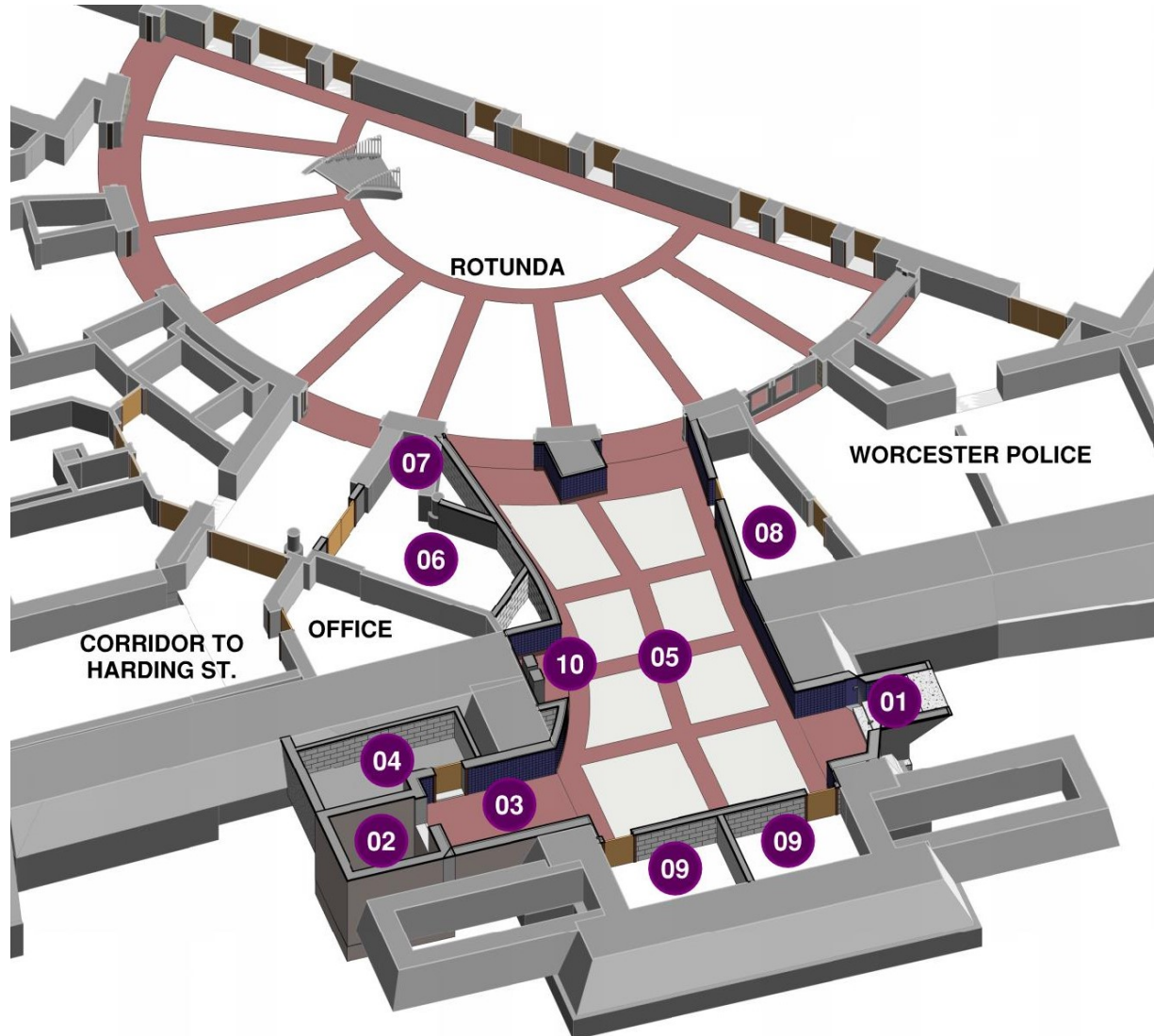
Project Overview – East End 3D View



KEY FEATURES:

1. Center Island Platform
2. Continuous Canopy
3. Stair #2 w/ Roof & Screening
4. Storage Room Below Stairs
5. Elevator #2
6. Elevator Lobby
7. Pedestrian Bridge
8. Elevator #3
9. Stair #3 w/ Roof & Screening
10. Upper Landing
11. Lower Landing / Plaza
12. EMR #3
13. Backup Generator & Enclosure
14. Accessible Walkway w/ Fence
15. Existing Concrete Stair
16. East Passenger Drop-Off

Project Overview – Platform Access from Union Station



KEY FEATURES:

1. Stair #1
2. Elevator #1
3. Elevator Lobby
4. Elevator #1 Machine Rm.
5. Platform Access Corridor
6. Mechanical Rm.
7. Exist. 3rd Party Comm. Equipment
8. Police Access Vestibule
9. MBTA Offices
10. Ticketing Alcove

Station Design Update– Rendering from Rotunda



- Updates:
 - Revised Finishes per coordination w/ MBTA
 - Updated Signage

Project Budget

Item/Task	Budget	Percent
Professional Services	\$6,261,712	9%
Construction	\$48,277,619	73%
Force Account	\$5,000,000	8%
Project Adm./Inspection	\$2,513,433	4%
Contingency	\$4,216,301	6%
Total Project Budget	\$66,269,065	



Project Schedule

Milestone	Schedule
NTP for Design	10/2018
Design	10/2018-06/2020
Construction Contract Procurement	08/2020-10/2020
Construction Contract for Station	11/2020-11/2022
Force account work (signal & track work	11/2020-06/2023
Project Close Out	12/2023

