



DULLES CORRIDOR METRO RAIL PROJECT PHASE 2 UPDATE

DULLES CORRIDOR ADVISORY COMMITTEE

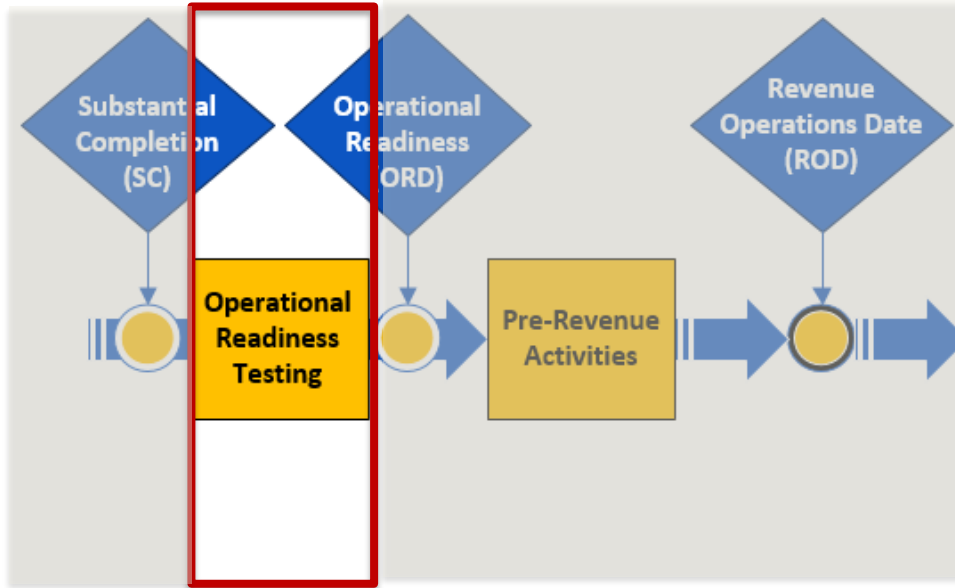


**DULLES CORRIDOR
METRO RAIL PROJECT**

MAY 2022



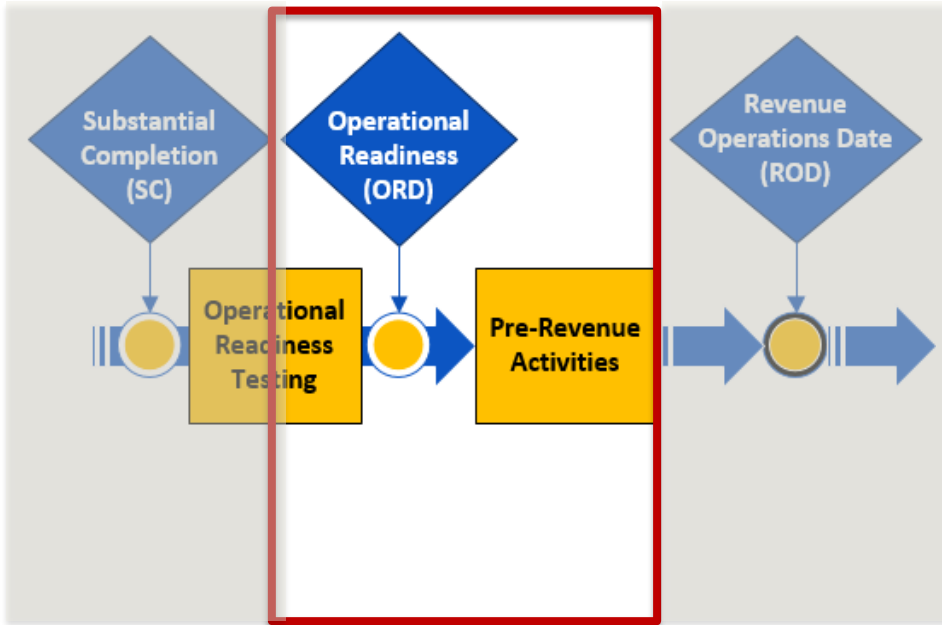
SCHEDULE: OPERATION READINESS TESTING



- After the Metropolitan Washington Airports Authority (Airports Authority) determined substantial completion, the Washington Metropolitan Area Transit Authority (WMATA) has a period of time for testing to determine Operational Readiness.
- Until WMATA determines Operational Readiness, Airports Authority/Contractor retain project custody.
- No fixed duration for Operational Readiness Testing (ORT).



SCHEDULE: OPERATIONAL READINESS DATE



- WMATA determines that the project is sufficiently complete for WMATA to commence simulated rail service and prepare for revenue operations.
- Staff and First Responder Familiarization.
- Policy and Procedure Updates.
- Final Station Mobilization.



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

PACKAGE A



PACKAGE A UPDATE

- Substantial Completion punch-list work is 95 percent complete.
- Testing Status:
 - Pre-ORD testing is complete.
 - 9 tests moved to post ORD to accommodate WMATA requirements.
- All Certificates of Occupancy (22) for the stations and associated facilities have been issued.
- Meeting held with WMATA and CRC to resolve minor comments in Automatic Safety Case. Submittal anticipated May 18, 2022.
- CRC submitted final Safety and Security Certification May 17, 2022.

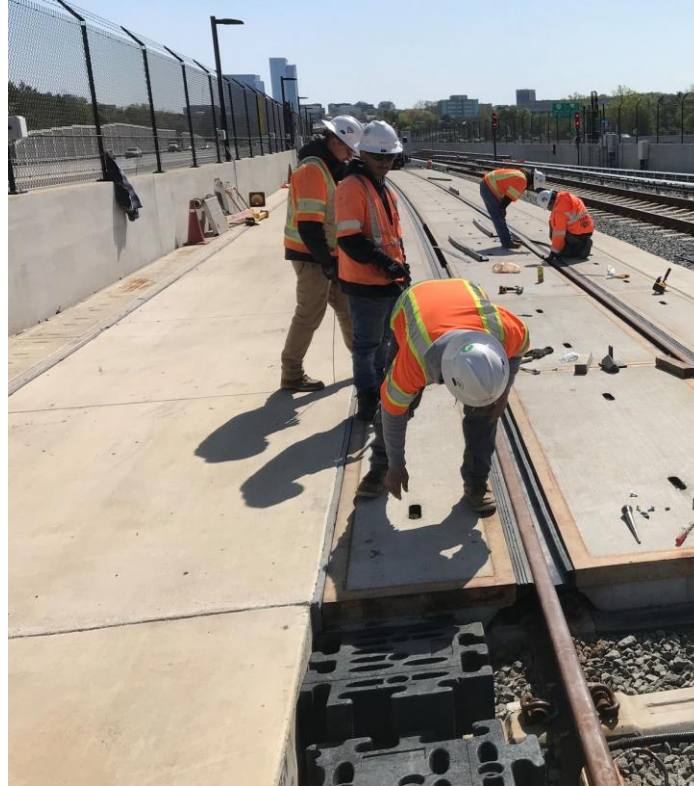


PACKAGE A UPDATE

- Items identified during ORT:
 - Updated Systems Books of Plans has been completed.
 - Contact Rail Cable Connector Insulator Cover replacement has been completed.
 - Malfunctioning Heat Tape Sections:
 - CRC conducted 3-day test May 9-11, 2022.
 - Incorporated trains for one day of the test.
 - CRC is evaluating results.
 - Not required for ORD.



TRACK PUNCH-LIST WORK





INSULATOR COVER REPLACEMENT





ASHBURN STATION AT NIGHT





METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

PACKAGE B



PACKAGE B UPDATE

- Substantial Completion punch-list work is 99.8 percent complete.
 - ORD Critical items are done.
- Testing Status:
 - Testing is 86 percent (56 of 63) complete.
 - ORD Critical items are done.
- Four Certificates of Occupancy have been issued.
 - Two Certificates remaining, final inspections complete.



PACKAGE B UPDATE

- Safety and Security Certification:
 - Final Safety Certification Submitted May 18, 2022.
- Yard Train Control Safety Case:
 - Critical documentation has been reviewed and commented on by WMATA.
 - Over the shoulder review held May 11, 2022
 - Expected submittal May 18, 2022.



METROPOLITAN
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PHASE 2 COST SUMMARY

April Expenditures	\$	7.7 Million
Total Expenditures	\$	2.534 Billion
Total Budget	\$	2.778 Billion
Total Forecast	\$	2.778 Billion



PHASE 2 CONTINGENCY ALLOCATION

<u>Total Contingency</u>	<u>\$ 551.5 Million</u>
Contingency Allocated through March 2022	\$ 421.3 Million
Contingency Allocated in April 2022	\$ 4.0 Million
Total Contingency Allocated through April 2022	\$ 425.3 Million
<u>Remaining Contingency</u>	<u>\$ 126.2 Million</u>



APRIL CONTINGENCY ALLOCATION

Total Contingency Allocated in April 2022 \$4.0 Million

Package A – Capital Rail Constructors (CRC) \$2.6 Million

- CRC Extended Management and Operations & Maintenance until Operational Readiness Date (ORD) (extended to April 30) \$2,100,000
- Equipment Relocation \$200,000
- Dispute Review Board \$171,606
- CRC Builders Risk Insurance Assessment \$125,000
- Miscellaneous Changes (changes less than \$100,000) \$11,800



APRIL CONTINGENCY ALLOCATION

Package B – Hensel Phelps (HP)	\$0.6 Million
• Fuel Storage Tanks Fluid Fill	\$300,000
• Automatic Train Control Re-Training	\$289,845
• Miscellaneous Changes (changes less than \$100,000)	\$9,000
Package P – HGS, LLC	\$0.1 Million
• Miscellaneous Changes (changes less than \$100,000)	\$33,400
Package M	\$0.7 Million
• Additional Funding for OCIP Insurance thru Q4 2022	\$600,000
• Additional Funding for Toll Road Investors Partnership II (TRIP II) thru Q3 2022	\$111,000