## **AUTHORIZATION HISTORY**

<u>AMOUNT</u>	DATE DESCRIPTION	
\$27,825,000.00	11/20/11 (Council) – Original construction contract	
\$695,625.00	11/20/11 (Council) – 2.50% Contingency	
\$6,260,625.00	06/18/2015 (Council) – Additional contingency – 22.50%	
\$5,000,000.00	Proposed (Council) – Additional contingency – 17.97%	
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\$39,781,250.00 Total Contract Authorization

## **CONTRACT HISTORY**

<u>AMOUNT</u>	DATE DESCRIPTION (CO % / CUMULATIVE %)
\$27,825,000.00	10/20/11 – Original construction contract
\$0.00	07/30/12 - CO # 1 - Substitute the excavation method for the Waterloo Inlet Connection Tunnel and Debris Channel Tunnel (CO 0.00%/0.00%)
\$0.00	01/03/13 - CO #2 - Delete shaft excavation and reinforced steel; add excavation and initial support of tunnel open cut trench and excavation and initial support of shaft (CO 0.00%/0.00%)
\$0.00	06/25/13 - CO #3 - Addresses design elements and structural conditions of the alternate design (CO $0.00% / 0.00%$ )
(\$20,000.00)	07/01/13 - CO #4 - Delete tunnel connection tie-in (CO -0.07%/-0.07%)
\$51,015.17	08/04/14 – CO #5 (Contingency) – FRPM wastewater pipe and pedestrian bridge repair (CO 0.18%/0.11%)
\$46,654.05	05/27/15 – CO # 6 (Contingency) – Fence and trailer relocation, and PARD bridge repairs (CO 0.17%/0.28%)
(\$20,221.01)	06/01/15 - CO #7 - Delete some Inlet Facility elements (CO -0.07%/0.21%)
(\$67,992.67)	06/16/2015 – CO #8 – Delete bulkhead, excavation and support, steel, liner, grout, repairs (CO -0.24%/0.04%)
\$50,915.00	06/23/2015 - CO #9 - Modify Ovivo Screens (CO 0.18%/0.15%)
\$11,253.00	06/26/2015 – CO # 10 – Selective demo building elements and west wall (CO $0.04%/0.19%$ )
\$504,766.15	08/18/2015 – CO # 11 – Structural rework (CVČ) (CO 1.81%/2.00%)
\$138,000.00	08/24/2015 - CO # 12 - Additional Keyway Demo and Mods (CO 0.50%/2.50%)
(\$4,688.00)	09/08/2015 – CO # 13 – CIP Retaining Wall, MSE Retaining Wall, Limestone Block (CO -0.02%/2.48%)
\$2,855,260.00	10/14/2015 - CO # 14 - Reservation of Rights (CO 10.26%/12.74%)
\$0.00	10/29/2015 - CO # 15 - Safety Supervision (CO 0.00%/12.74%)
\$4,175.00	11/04/2015 – CO # 16 – Add Concrete Channel Dam, CIP Retaining Wall Add Concrete, Decrease Jack and Bore (CO 0.02%/12.76%)
\$499,006.45	01/11/2016 - CO # 17 - Bosker, Tipper and Carts (CO 1.79%/14.55%)
\$529,429.05	(Proposed) – CO # $18$ – Deductions and additional related to facility redesign $(1.90\%/16.45\%)$
\$5,000,000.00	(Proposed) Additional Contingency – Demolition of inlet components, construct revised building design (CO 17.97%/CO 34.42%)
\$37,402,572.19 34.42%	Total Contract Expenditures Cumulative Change Orders