

Office Of Inspector General Construction Change Order Spot Check Report

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Spot Check Costs

Summary of Selected Change Order Costs

Four OIG spot checks of Change Orders / Modifications reported

1 Change Order for Crenshaw/LAX

❖ UG1 (H₂S) Ventilation Fans - Construction = \$2,448,545

2 Change Order for Regional Connector

❖ Acoustical Treatments for Areas Not on Finish Schedule = \$1,968,703

3 Change Order for Purple Line Section 1

❖ Development and On Site Validation of the Selected Gas Mitigation Option for M13 = \$2,957,277

4 Change Order for Purple Line Section 1

❖ Oil Well Investigation In Lieu of TBM Probe Ahead = \$1,868,928

Spot Check Schedule Comparison

Schedule Comparison: new delegated process vs. former Board approval process

PROJECT	Title of Change Order	Time Saved Executed date to Board Mtg.	NEW Delegated Process final SOW to Executed date	Former Board Approval Process
CRENSHAW	UG1 (H ₂ S) Ventilation Fans - Construction	9	48	57
REGIONAL CONNECTOR	Acoustical Treatments for Areas Not on Finish Schedule	25	29	54
WESTSIDE PURPLE LINE SECT 1	Development and On Site Validation of the Selected Gas Mitigation Option for M13	37	15	52
WESTSIDE PURPLE LINE SECT 1	Oil Well Investigation In Lieu of TBM Probe Ahead	30	16	46

Spot Check Recommendations

File #
2020-0010

#3

Purple Line Sect. 1
Development and On
site Validation of the
Selected Gas Mitigation
Option for M13

While the soil at every site is unique, it is possible to create a standard for testing soils for gasses. There is no current rule or technical specification within Metro criteria for extraction of CH₄ or H₂S from the soil.

The OIG recommends after the final report is submitted by the contractor, that a technical specification for testing be developed and written into the MDRC to use in the future.

#4

Purple Line Sect. 1
Oil Well
Investigation
In Lieu of TBM
Probe Ahead

The implementation of the drilling and magnetometer survey from Section 1 has been incorporated into Purple Line Extension Sections 2 and 3 contracts.

The OIG recommends that the procedures implemented for locating tanks, pipes and other abandoned waste be added to the Lessons Learned database.

The OIG further recommends that Metro evaluates whether to pursue recovery for waste removal costs under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act, also known as Superfund. Passed in 1980). The OIG recommends that Metro's Engineering Program Management provide information on this matter to Metro's Legal department to assist in making this determination and potentially pursuing this recovery.

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Construction Committee

Los Angeles County Metropolitan Transportation Authority

