CONTRACT MODIFICATION/CHANGE ORDER LOG EAST SAN FERNANDO VALLEY (ESFV) TRANSIT CORRIDOR PROJECT

| Mod./ CO No. | Description | Status | Date | \$ Amount | Board Approved CMA |
|-----------------|--|----------|----------|--------------|--------------------------|
| N/A | Initial Award | | 7/25/19 | \$61,974,852 | \$12,394,970 |
| MOD 1 | Contract Conforming and Clarifications | Approved | 11/12/19 | \$0.00 | |
| MOD 2 | Underground Utility Detection Services along Van Nuys Blvd. | Canceled | 5/28/20 | \$0.00 | |
| MOD 3 | Geotechnical Test Plan and Hazardous Material Work Plan | Approved | 8/24/20 | \$53,164 | |
| MOD 4 | Underground Utility Detection Services Along Van Nuys Blvd. – Segment A | Approved | 10/14/20 | \$437,646 | |
| MOD 5 | Underground Utility Detection Services Along Van Nuys Blvd. – Segment B | Approved | 11/5/20 | \$481,156 | |
| MOD 6 | Underground Utility Detection Services Along Van Nuys Blvd. – Segment C | Approved | 11/5/20 | \$358,665 | |
| MOD 7 | Underground Utility Detection Services Along Van Nuys Blvd. – Segment D | Approved | 11/5/20 | \$74,079 | |
| MOD 8 | Planning Work for Potholing and Trenching Along Van Nuys Blvd. – Segment A | Approved | 11/5/20 | \$159,832 | |
| MOD 9 | Utility Investigation - Potholing and Slot Trenching for Segment A | Approved | 11/23/20 | \$1,691,789 | |
| MOD 10 | Coordination With Third Party Utility Owners to Assess Utility Conflicts | Approved | 4/12/21 | \$734,547 | |
| MOD 11 | Preliminary Engineering of Composite Utility Rearrangement Plans | Approved | 2/23/21 | \$738,979 | |
| MOD 12 | Planning Work for Potholing and Trenching Along Van Nuys Blvd. – Segment B | Approved | 3/23/21 | \$150,153 | |

| MOD 40 | Diamaia a Manta fan Dathadia a | A | 0/00/04 | £4.40.400 | |
|-----------|--------------------------------|---|----------|--------------------|--|
| MOD 13 | Planning Work for Potholing | Approved | 3/23/21 | \$140,163 | |
| | and Trenching Along Van | | | | |
| | Nuys Blvd. – Segment C | | | | |
| MOD 14 | Planning Work for Potholing | Approved | 4/6/21 | \$101,777 | |
| | and Trenching Along Van | | | | |
| | Nuys Blvd. – Segment D | | | | |
| MOD 15 | Utility Investigation - | Approved | 2/25/21 | \$1,772,143 | |
| | Potholing and Slot Trenching | | | | |
| | for Segment B | | | | |
| MOD 16 | Utility Investigation - | Approved | 2/25/21 | \$1,565,506 | |
| | Potholing and Slot Trenching | | | + 1,000,000 | |
| | for Segment C | | | | |
| MOD 17 | Utility Investigation - | Approved | 3/1/21 | \$627,590 | |
| I WIOD 17 | Potholing and Slot Trenching | Approved | 0/1/21 | Ψ021,000 | |
| | | | | | |
| MOD 40 | for Segment D | A | 0/4/04 | \$007.504 | |
| MOD 18 | Geotechnical Subsurface | Approved | 9/1/21 | \$987,531 | |
| 1405.45 | Investigation | | 0/00/24 | AFO 1 076 | |
| MOD 19 | Additional Coordination with | Approved | 6/28/21 | \$534,376 | |
| | Third Party Utility Owners to | | | | |
| | Assess Utility Conflicts | | | | |
| MOD 20 | Van Nuys Blvd. Re-Design | Approved | 9/22/21 | \$715,901 | |
| | Level of Effort | | | | |
| MOD | Additional Level of Effort for | Approved | 9/3/21 | \$670,630 | |
| 21.1 | Completion of Phase 1 - | | | | |
| | Preliminary | | | | |
| | Engineering | | | | |
| MOD 22 | Utility Investigation - | Approved | 8/29/22 | \$271,045 | |
| | Additional Potholing for | | | , , | |
| | Segment A | | | | |
| MOD 23 | Coordination With | Approved | 1/13/22 | \$678,682 | |
| 102 20 | Telecommunication Utility | , | 1,10,22 | Ψ0.0,002 | |
| | Owners to Assess Utility | | | | |
| | Conflicts | | | | |
| MOD 24 | Advanced Planning for | Approved | 11/10/21 | \$567,906 | |
| I WIOD 24 | Geotechnical Subsurface | Дрргочец | 11/10/21 | Ψ507,500 | |
| | | | | | |
| MOD 26 | Investigation | Annroyed | 2/11/22 | ¢4 006 050 | |
| MOD 26 | Advance Utility Design for | Approved | 2/11/22 | \$1,926,053 | |
| | Advance Utility Relocation | | | | |
| | (AUR) for LADWP Power | | | | |
| | Underground | | | | |
| | Design 2 & 3 | | | | |
| MOD 27 | Update Various Preliminary | Approved | 2/11/22 | \$2,937,216 | |
| | Engineering 30-60% Design | | | | |
| | and Reports to Complete | | | | |
| | CPUC Applications | | | | |
| MOD 28 | Caltrans Project Study | Approved | 4/29/22 | \$499,350 | |
| | Report/Project Report | | | | |
| | (PSR/PR) | | | | |
| MOD 33 | Update Preliminary | Approved | 3/22/22 | \$299,520 | |
| 1 | Engineering 30-60% Design | | | | |

| | and Reports for IOS Northern Terminus at Van | | | | |
|--------|--|------------|----------|--------------|--|
| | Nuys & San Fernando | | | | |
| MOD 34 | Hazardous Materials Environmental Site Assessment (ESA) - Phase | Approved | 4/29/22 | \$450,554 | |
| | II ' | | | | |
| MOD 35 | Advance Utility Design for Advance Utility Relocation (AUR) for LADWP Power Underground Design 4 | Approved | 8/9/22 | \$483,491 | |
| MOD 37 | Storm Drain BI36 In-Situ Work Plan | Approved | 6/23/22 | \$116,757 | |
| | Subtotal Approved Modifications (Mods): | | | \$20,226,201 | |
| CO 1 | Coordination With Third Party Utility Owners to Assess Utility Conflicts (See Mod 10) | Superseded | 11/4/20 | \$0.00 | |
| CO 2 | Utility Investigation - Additional Potholing for Segment A (See Mod 22) | Superseded | 8/29/22 | \$0.00 | |
| CO 3 | Advance Utility Design for Advance Utility Relocation (AUR) for LADWP Power Underground Design 1 | Approved | 9/22/21 | \$595,966 | |
| CO 4 | Segment A, B, and C Additional Roadway Striping Restoration | Approved | 12/20/21 | \$76,326 | |
| CO 5 | Segments A, B and C Asphalt Thickness and Recessed Plates | Approved | 1/5/22 | \$191,932 | |
| CO 6 | Additional Planning Effort Due to Field Investigation for Segments A, B and C | Approved | 1/25/22 | \$153,433 | |
| CO 7 | Additional Labor and Equipment for Traffic Control Plan Implementation During Potholing in Segment A | Approved | 8/29/22 | \$221,453 | |
| CO 8 | Additional Labor and Equipment for Traffic Control Plan Implementation During Potholing in Segment B | Approved | 8/29/22 | \$277,597 | |
| CO 9 | Bid Support for Advance Utility Adjustments (AUA) Design 1 | Approved | 8/17/22 | \$33,300 | |

| CO 10 | Hot Patch Paving for Geotechnical and Environmental Site Assessment Field Investigation | Approved | 9/13/22 | \$260,518 | |
|-------|--|----------|------------|-----------------|--|
| CO 11 | Advance Utility Design for Utility Adjustment (UA) for LADWP Power Underground Design 5 | Approved | 9/26/22 | \$312,185 | |
| CO 12 | Advance Utility Design for Utility Adjustment (UA) for LADWP Power Underground Design 6 | Approved | 9/26/22 | \$238,974.23 | |
| CO 13 | Additional Labor and Equipment for Traffic Control Plan Implementation During Potholing Seg. C | Approved | 10/25/2022 | \$229,749 | |
| CO 14 | Design for Utility Adjustment (UA) for LADWP Power Underground Design 7 | Approved | 12/13/2022 | \$343,484 | |
| | Subtotal Approved Change Orders (COs): | | | \$2,934,917.23 | |
| | Subtotal Approved | | | \$23,161,118.23 | |
| | Changes (Mods and COs): | | | | |
| TBD | Segment A, B, and C Additional Roadway Striping Restoration (CO 4) | Pending | TBD | \$41,657 | |
| TBD | Segments A, B and C Asphalt Thickness and Recessed Plates (CO 5) | Pending | TBD | \$101,358 | |
| TBD | Additional Labor and Equipment for Traffic Control Plan Implementation During Potholing Seg. A (CO 7) | Pending | TBD | \$55,032 | |
| TBD | Additional Labor and Equipment for Traffic Control Plan Implementation During Potholing Seg. B (CO 8) | Pending | TBD | \$65,789 | |
| TBD | Hot Patch Paving for Geotechnical and Environmental Site Assessment Field (CO 10) | Pending | TBD | \$67,183 | |
| TBD | Advance Utility Design for Utility Adjustment (UA) for LADWP Power Underground Design 5 (CO 11) | Pending | TBD | \$108,516 | |
| TBD | Advance Utility Design for Utility Adjustment (UA) for LADWP Power Underground Design 6 (CO 12) | Pending | TBD | \$105,916 | |

| TDD | Latin I | | TDD 1 | # 40 404 | 1 |
|-----|--|-----------|-------|----------------------|---|
| TBD | Additional Labor and | Pending | TBD | \$49,184 | |
| | Equipment for Traffic Control | | | | |
| | Plan Implementation During | | | | |
| | Potholing Seg. C (CO 13) | | | | |
| TBD | Design for Utility Adjustment | Pending | TBD | \$140,301 | |
| | (UA) for LADWP Power | | | | |
| | Underground Design 7 (CO | | | | |
| | 14) | | | | |
| TBD | Engineering Analysis for | Pending | TBD | \$153,543 | |
| | LADWP Maintenance Hole | • | | | |
| | Relocation (CN 36) | | | | |
| TBD | Design for Utility Adjustment | Pending | TBD | \$1,531,380 | |
| | (UA) for LADWP Power | | | 4 1,00 1,000 | |
| | Underground Design 8 (CN | | | | |
| | 38) | | | | |
| | Bl666 & Van Laurel In-Situ | Pending | TBD | \$63,049 | |
| TBD | Work Plans (CN 46) | i chang | 100 | ΨΟΟ,ΟΤΟ | |
| | Additional Potholing in Seg. | Pending | TBD | \$233,792 | |
| TBD | C | i challig | טטו | ΨΖΟΟ,1 ΘΖ | |
| | Asphalt Premium Charge for | Pending | TBD | \$228,634 | |
| TBD | Nighttime Patching of | rending | טטו | φ220,034 | |
| IBD | | | | | |
| TDD | Potholing and Trenching | D !' | TDD | ΦΕ 440 000 | |
| TBD | Impact Statements for Partial | Pending | TBD | \$5,440,000 | |
| TDD | Plats & TCEs | D !' | TDD | # 4.400.000 | |
| TBD | 30% to 60% Composite | Pending | TBD | \$4,400,000 | |
| | Utility Rearrangement | | | | |
| | Drawings | | | | |
| TBD | BI36 In-Situ Analysis - | Pending | TBD | \$4,000,000 | |
| | Implementation | | | <u> </u> | |
| TBD | BI666 In-Situ Analysis - | Pending | TBD | \$2,000,000 | |
| | Implementation | | _ | | |
| TBD | Van Laurel In-Situ Analysis - | Pending | TBD | \$2,000,000 | |
| | Implementation | | | | |
| | Subtotal Pending | | | \$20,785,334 | |
| | Changes ¹ : | | | | |
| TBD | Phase 1 Scope of Services | Pending | TBD | \$2,078,533 | |
| | (Preliminary Engineering) ² | | | | |
| TBD | Phase 2 Scope of Services | Pending | TBD | \$286,100 | |
| | (Procurement Support) ³ | _ | | | |
| TBD | Phase 3 Scope of Services | Pending | TBD | \$2,836,000 | |
| | (Design Services During | | | | |
| | Construction)⁴ | | | | |
| | Subtotal Unallocated | | | \$5,200,633 | |
| | Contract Changes | | | . , , , | |
| | SUMMARY OF CONTRACT | | | | |
| | PRICE AND CONTRACT | | | | |
| | MODIFICATIONS | | | | |
| | Original Contract: | | | \$61,974,852 | |
| | Original Contract. | | | ŢŢ.,J. 1,00 2 | |

| Changes & Modifications Implemented Under Board Approved CMA | \$11,653,290 | |
|---|-----------------|--------------|
| Subtotal of Board Approved Contract Modifications | \$11,507,828 | |
| Total Approved Contract Changes | \$23,161,118.23 | |
| Current Contract Value | \$85,135,970.23 | |
| Subtotal of Pending and Unallocated Changes | \$25,985,967 | |
| SUMMARY OF CONTRACT MODIFICATION AUTHORITY (CMA) | | |
| Original Board Approved CMA | | \$12,394,970 |
| Remaining Board Approved CMA | | \$741,680 |
| Additional CMA Required (this Board Action) | | \$25,985,967 |
| Total CMA with this Board Action | | \$38,380,937 |
| Current Contract Value + Remaining Board Approved CMA + Additional CMA Required (this Board Action) | \$111,863,617 | |

Notes:

Note 1: Dollar amounts are based on estimated rough order magnitude (ROM) developed by Metro Project Management and/or Request for Change or Cost Schedule Proposal amounts submitted by the Consultant. These totals represent the anticipated Not-To-Exceed (NTE) amounts that will be required to negotiate and close out the CO in a Amounts submitted by the Consultant. These totals represent the anticipated Not-10-Exceed (NTE) amounts that will be required to negotiate and close out the CO in a Contract Modification.

Note2: Phase 1 Scope of Services (Preliminary Engineering) estimated amount is based on 10% of \$20,785,334 (current subtotal pending changes amount).

Note 3: Phase 2 Scope of Services (Procurement Support) estimated amount is based on 10% of \$2,861,000 (anticipated phase 2 base contract amount).

Note 4: Phase 3 Scope of Services (Design Services During Construction) estimated amount is based on 10% of \$28,360,000 (anticipated phase 3 base contract amount).