CONSTRUCTION NOTES:

1. CONTRACTOR SHALL USE CONTROLLED DENSITY FILL (CDF) AS BACKFILL FOR OPEN CUT AT ALL UTILITY CROSSINGS. CDF SHALL BE PLACED FROM THE BOTTOM OF THE EXCAVATION TO THE CENTER GRADE OF THE UTILITY, AND SHALL EXTEND 5 FEET ON EACH SIDE PER DETAIL 5 ON SHEET C-10.

2. CONTRACTOR TO INSTALL TEMPORARY FENCING ALONG BOUNDARY OF EMWD-OWNED PARCEL. CONTRACTOR PROHIBITED FROM ENTERING THE JURISDICTIONAL DELINEATION AREA.

3. LINEAR FEET OF SEWER SHOWN ON THE DRAWINGS IS A HORIZONTAL MEASUREMENT AND EXTENDS THROUGH MANHOLES.

4. DESTROY PIEZOMETER MONITORING井 IN ACCORDANCE WITH APPENDIX G OF THE SPECIFICATIONS.
NOTES:

1. PRECAST REINFORCED POLYMER CONCRETE MANHOLES SHALL CONFORM TO SPECIFICATION SECTION 02081, APPLICABLE REQUIREMENTS OF ASTM C-487 AND:
   1.1. SHALL BE DESIGNED FOR AASHTO H-20 LOADING
   1.2. CONCRETE SHALL BE COMPACTLY VIBRATED, CENTRIFUGALLY SPUN, OR MECHANICALLY TAMPED.
   1.3. REFER TO SPECIFICATION SECTION SB-61 FOR POLYMER CONCRETE MANHOLES.

2. PROVIDE FULL DEPTH THROUGH.

3. ALL MANHOLE TOPS SHALL BE INSTALLED WITH THE MANHOLE COVER OVER THE UPSTREAM INLET EXCEPT AS OTHERWISE SPECIFIED.

4. MANHOLE DEPTHS REACH UP TO 40'-0" PER CIVIL DRAWINGS. FOUNDATION OF PRECAST MANHOLE SHALL BE DESIGNED TO RESIST UPLIFT CAUSED BY THE RELEVANT FORCES FROM THE INFLUENCE OF THE WIND.

5. BACKFILL ADJACENT TO MANHOLE WITH CDF PER SPECIFICATIONS.

6. PRECAST POLYMER CONCRETE MANUFACTURER SHALL PROVIDE A MINIMUM VOLUME OF ASPHALT TO PREVENT UPLIFT CAUSED BY GROUNDWATER LEVEL.

7. CONTRACTOR SHALL PROVIDE EJ 3800 SERIES COMPOSITE BASED COVERS WITH TITUS TWISTLIFT SECURITY LOCKS OR APPROVED EQUAL FOR POLYMER CONCRETE MANHOLES.

8. ALL MANHOLES SHALL BE POLYMER CONCRETE MANHOLES.

9. IF MINIMUM WITH CONTROL JOINT FOR PRECAST CONCRETE MANHOLE AND ZERO EXTENSION FOR BASE WITHOUT CONTROL JOINTS FOR PRECAST REINFORCED POLYMER CONCRETE MANHOLE.
1. Contractor to verify sewer stop log dimensions prior to fabrication of temporary stop log.
2. Contractor to supply laterals of concrete branch and stop logs and manhole to be necessary to maintain existing manhole and branch connections to use.
3. Contractor to supply manholes consistent with manhole for specific section.
4. Contractor to provide manhole repair details as necessary to maintain existing manhole and branch connections to use.
5. Contractor to provide manhole repair details as necessary to maintain existing manhole and branch connections to use.
6. Contractor to provide manhole repair details as necessary to maintain existing manhole and branch connections to use.

DIVERSION FLOW MH DETAIL - (E) MANHOLE No. 4

NOTES - MH No. 4

TYPICAL EXISTING FACILITY CROSSING DETAIL

NOTES - MH No. 1

STREET RESTORATION TABLE

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TYPICAL TRENCH DETAIL

RIVERSIDE COUNTY TRENCH SURFACE REPAIR

1. Street structural section to follow approved foundation work detail. Control is required in concrete and/or other materials at the face of the excavation. Street restoration required to 10% relative county.
2. When trenching is not encountered due to soft soil, Street structural section to follow approved foundation work detail. Control is required in concrete and/or other materials at the face of the excavation. Street restoration required to 10% relative county.
3. Prior to removal, provide county inspector copy of completion reports prior to final.
4. County of Riverside Street design/PRG-1 reports are required to indicate prior to street restoration and the street construction guide manual.

NOTE:

1. Contractors to furnish temporary stop log notching (E) ALHAMBRA FOUNDRY CAST IRON STOP LOG.
CONSTRUCTION NOTES:
1. CONTRACTOR SHALL INSTALL TEMPORARY FENCING ALONG THE OUTSIDE BOUNDARY OF THE JURISDICTIONAL DELINEATION AREA. CONTRACTOR PROHIBITED FROM ENTERING THE JURISDICTIONAL DELINEATION AREA.
2. CONTRACTOR SHALL INSTALL ASPHALT PAVING AROUND MANHOLES PER EMWD STD DWG SB-181.
3. EDGE OF ACCESS ROAD SHALL BE A MINIMUM OF 5 FEET FROM THE JURISDICTIONAL DELINEATION BOUNDARY.

ACCESS ROAD 1 PLAN AND PROFILE

MATCHLINE STA 16+50 TO 21+10.30

CONSTRUCTION NOTES:
1. CONTRACTOR SHALL INSTALL TEMPORARY FENCING ALONG THE OUTSIDE BOUNDARY OF TCE/PE AND JURISDICTIONAL DELINEATION AREA.
2. CONTRACTOR PROHIBITED FROM ENTERING THE JURISDICTIONAL DELINEATION AREA.
3. EDGE OF ACCESS ROAD SHALL BE A MINIMUM OF 5 FEET FROM THE JURISDICTIONAL DELINEATION BOUNDARY.

ACCESS ROAD 1 PLAN AND PROFILE

MATCHLINE STA 16+50 TO 21+10.30