STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ADJACENT TO
STATE HIGHWAY
IN SAN DIEGO COUNTY
AT VARIOUS LOCATIONS

To be supplemented by Standard Plans dated July, 1997

LOCATION MAP
TRASH RACK FASTENER

NOTES:
1. TRASH RACK FASTENERS SHALL BE BOLTED TO INLET AT LOCATIONS SHOWN.
2. ALL HARDWARE AND FIXTURE MATERIALS SHALL BE STAINLESS STEEL.
3. ALL BARS SHALL BE STAINLESS STEEL.

SECTION A-A

ELEVATION PER PROFILE

SECTION D-D

ORIFICE OPENING AND DEBRIS SCREEN FRAME

ALL DIMENSIONS ARE IN MILLI METERS UNLESS OTHERWISE STATED.

DRAINAGE DETAILS

NO SCALE

D-14
STORM DRAIN & MANHOLE STRUCTURE (TYPE X BASE)

NOTES:

1. PIPES MAY BE MADE UP OF 100 mm, 200 mm, 300 mm, 400 mm, 500 mm OR 600 mm SECTIONS.
2. EACH PIER SHALL HAVE A LUGGER, AS DETAILED ON STANDARD PLAN SET.
3. THE LUGGER SHALL BE REPEATED INTO BASE STRUCTURE.
4. ALL PRECAST COMPONENTS FOR UPPER PORTION TYPE MH SHALL BE TOLERANCE WITH A 5 mm ELAVATIRED STEEL BUMP OR HITHER IN 500 mm CENTER.
5. PRECASTING STEEL SHALL BE #13 BARS @ 400 mm CENTER SPACED 40 mm APART TO INCREASE RIGIDITY OF BOX PANELS OTHERWIS.
6. PIPES MAY BE PLACED IN ANY WALL.
7. DESIGN UNIT STRESS 6 = 100 MPa, M = 15, F = 14 MPa.
8. CENTER OF PIER SHALL BE LOCATED OVER THE CENTERLINE OF MAIN DRAIN PIER.
9. WALL THICKNESS MAY VARY WHEN NECESSARY TO PROVIDE LEVEL MANHOLE SEAT.
- Installed at water quality monitoring manhole locations only.

NAD 1983 D-15
FLOW RESTRICTION PLATE

2 x 2 CONCRETE PAD

DRAINAGE DETAILS

RSP (FACING, METHOD B) DEPLETION BUNNY
### Construction Area Signs & Quantities

<table>
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<tr>
<th>SHEET No</th>
<th>SIGN No.</th>
<th>CODE</th>
<th>PANEL SIZE</th>
<th>NO. OF WOOD POSTS</th>
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### Roadway Items

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<th>LOCATION &amp; DESCRIPTION</th>
<th>ASPHALT CONC (TYPE A)</th>
<th>AGG REGATE BASE (CLASS 2)</th>
<th>PLACE &amp; DIRE (TYPE A)</th>
<th>REDUCTION (EBHL LIM THICK)</th>
<th>ROADWAY ELEVATION</th>
<th>IMPORTS</th>
<th>EXPORTS</th>
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**SUMMARY OF QUANTITIES**

Q-1