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

To be supplemented by Standard Plans dated July, 1997

LOCATION OF CONSTRUCTION

<table>
<thead>
<tr>
<th>LOC</th>
<th>CO</th>
<th>ROUTE</th>
<th>KP</th>
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The Contractor shall possess the Class (or classes) of license as specified in the "Notice to Contractor".

AS BUILT

NO CORRECTIONS TO THIS SHEET

Resident Engineer: GARY COMELIUS

Contract No. 430004A

Date Issued: 8-20-99

Date Approved: 8-20-99
NOTE:
1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT II, OFFICE.
2. PROTECT ALL TREES IN PLACE.

CONCRETE CHANNEL TYPE A TRANSITION DETAIL
NO SCALE

TRANSLATION STRUCTURE FOR CONCRETE SMALE TYPE "B"

ALL DIMENSIONS SHOWN ARE IN METERS UNLESS OTHERWISE SHOWN

DRAINAGE PLAN LOCATION 6
SCALE 1" = 500

D-7
2.0 X 2.0 CONCRETE PAD DETAILS

SECTION A - A

PLAN CORNER CONNECTION

PLAN SIDE CONNECTION

NOTES:
1. ROUND EDGE OF OUTLET TO 75 mm RADIUS.
2. RAINFALL SHALL BE 40 mm CLEAR FROM THE FACE OF CONCRETE.
3. IN CONNECTING TO AN EXISTING BREAK OUT PORTIONS OF THE EXISTING 150 mm OUTSIDE ITS INTERSECTION BY THE NEW CONNECTION, BEND ENDS OF #10 BARS OVER CONNECTION OPENING AS REQUIRED.

MONOLITHIC CATCH BASIN CONNECTION

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DATE ACCEPTED: 6-20-99
DATE COMPLETED: 6-20-99

AS BUILT
NO CONNECTIONS THIS SHEET
REVIEW DRAFT AND CORRECT PRIOR TO PRINTING

DRAINAGE DETAILS
NO SCALE

D-30
<table>
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<tr>
<th>PROJECT ENGINEER</th>
<th>REVISED BY</th>
<th>DATE REVISED</th>
<th>CHECKED BY</th>
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**DRAINAGE SYSTEM**

- Roll-up gate
- Sloping pipe
- Concrete

**DRAINAGE FACILITY**

- NEW DRAINAGE FACILITY
- REMOVE PIPE
- REMOVE CL FENCE
  - RECONSTRUCT EXIST CURB
- DITCH EXCAVATION
- REMOVE DRAINAGE FACILITY

**AGGREGATE BASE (CLASS 1)**

- ASPHALT CONCRETE (TYPE B)
- PLACE AC (MISC AREA)
- MINOR CONCRETE (MINOR STRUCTURES)
- MINOR CONCRETE (MISC CONST)

**TYPE I SAND FILTER BMP**

- TYPE II SAND FILTER BMP
- MISCELLANEOUS IRON AND STEEL
- WR FRAME AND COVER
- CHECKED PLATE

**GUTHROAT FLUME**

- FASHELLA FLUME
- PALMER BOW/US FLUME

**Riser**

- 900 mm RCP RISER
- COMPOST FILTER BMP

**200 mm RCP RISER**

- MONITORING MANHOLE
- STAINLESS STEEL MONITORING WELD
- INFILTRATION TRENCH BMP

**50 mm PLASTIC CONDUIT**

- 150 mm
- 200 mm
- 250 mm
- 300 mm
- 380 mm
- 450 mm

**CL FENCE**

- 180 mm DIP
- A/O-FILTER SNAKE BMP
- B/O-FILTER STRIP BMP

**PIPE JOINT CLASSIFICATION**

- HEIGHT OF INLET "H" OR "V" 
  - 450 mm CSP
  - OVERFLOW WEIR
NOTE:
CONTRACTOR SHALL PLACE ALL TRAFFIC CONST WARNING DEVICES 48 HOURS (2 DAYS) PRIOR TO ANY CONSTRUCTION ACTIVITY.

LEGEND

- Temp K-Rail with Splitters (See Det Sheet TH-5)
- Install Temp Warning Sign and Post
- Install Traffic Plastic Drum at 15m interval (See Det Sheet TH-5)
- Install Array "IHC" Temp Crash Cushion (See Det Sheet TH-2)

QUANTITY

Temp K-Rail
C/I/W 11200 mm x 1200 mm

- 1 EA

C/I/A S/I/CN 900mm x 900mm

- 1 EA

Post (150 mm x 50 mm)

- 2 EA

Array "IHC" Crash Cushion Module

- 12 EA

Traffic Plastic Drum

- 6 EA

Type P Marker
TEMPORARY K-RAIL PLACEMENT

TRAFFIC PLASTIC DRUM

SEE Sec Plan T-3 FOR Temp K-RAIL Date

White Reflectors
6 in intervals

Exist Shed

White Retroreflective Bands

Orange Retroreflective Bands

100 to 150 mm

900 mm

450 mm

DATE ACCEPTED: 8-20-93
DATE COMPLETED: 8-20-93

AS BUILT
NO CORRECTIONS THIS SHEET

TRAFFIC HANDLING PLAN
DETAILS
NO SCALE

TH-5
### SUMMARY OF QUANTITIES

<table>
<thead>
<tr>
<th>LOCATION NO</th>
<th>LOCATION NAME</th>
<th>REMOVE CONCRETE (CUBE)</th>
<th>REMOVE CONCRETE (GUTTER)</th>
<th>REMOVE AC / CONE / DIVE</th>
<th>REMOVE TREE (EA)</th>
<th>REMOVE FENCING</th>
<th>ASPHALT CONCRETE Dike</th>
<th>ASPHALT CONCRETE BASE (CLASS III)</th>
<th>CL GATE</th>
<th>CL FRINGE</th>
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* NOT A SEPARATE PAY ITEM FOR THIS LOCATION, SEE SPECIAL PROVISIONS

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**ELIMINATED FROM CONTRACT SEE CALTRANS CONTRACT NO. 11-059104, CCO NO. 8**

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**SUMMARY OF QUANTITIES**

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