STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ADJACENT TO
STATE HIGHWAY
IN LOS ANGELES COUNTY
AT VARIOUS LOCATIONS

To be supplemented by Standard Plans dated July, 1997

LOCATION OF CONSTRUCTION

<table>
<thead>
<tr>
<th>LOC</th>
<th>ROUTE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
<td>ALAMEDA MAINTENANCE STATION</td>
</tr>
<tr>
<td>2</td>
<td>60</td>
<td>EASTERN REGIONAL MAINTENANCE YARD</td>
</tr>
<tr>
<td>3</td>
<td>2/0</td>
<td>FOOTHILL MAINTENANCE STATION</td>
</tr>
<tr>
<td>4</td>
<td>I05</td>
<td>TERMINATION PARK AND RIDGE</td>
</tr>
<tr>
<td>5</td>
<td>5/0</td>
<td>VIA WOODS PARK AND RIDGE</td>
</tr>
<tr>
<td>6</td>
<td>I05</td>
<td>LAXWOOD PARK AND RIDGE</td>
</tr>
</tbody>
</table>

AS BUILT

Date: Sept. 6, 2000

The Contractor shall possess the Class (or Classes) of license as specified in the "Notice to Contractor".
BASIS OF BEARING AND COORDINATES

Bearings and coordinates as shown herein are in terms of the California Coordinate System of 1983 (ED50, Zone 12), based locally upon the following continuously operating reference stations published by the National Geodetic Survey:

<table>
<thead>
<tr>
<th>STATION</th>
<th>NORTING (Y)</th>
<th>EASTING (X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMI</td>
<td>573,343,602</td>
<td>1,021,442,480</td>
</tr>
<tr>
<td>CTI</td>
<td>570,633,983</td>
<td>1,030,640,458</td>
</tr>
<tr>
<td>CLAR</td>
<td>567,684,851</td>
<td>2,050,887,536</td>
</tr>
<tr>
<td>LGCH</td>
<td>531,919,599</td>
<td>1,081,688,043</td>
</tr>
<tr>
<td>LEEF</td>
<td>570,402,233</td>
<td>1,970,323,873</td>
</tr>
<tr>
<td>LYNX</td>
<td>567,874,777</td>
<td>1,995,880,848</td>
</tr>
<tr>
<td>OATZ</td>
<td>282,225,446</td>
<td>1,244,602,114</td>
</tr>
</tbody>
</table>

BENCHMARK

Elevations as shown herein are in terms of the North American Vertical Datum of 1988 based locally upon the following national geodetic survey control points:

<table>
<thead>
<tr>
<th>STATION NAME</th>
<th>ELEVATION (MADESS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>700 B</td>
<td>379.476</td>
</tr>
<tr>
<td>MH 954</td>
<td>128.077</td>
</tr>
<tr>
<td>OAKS</td>
<td>243.49</td>
</tr>
<tr>
<td>TIDE B</td>
<td>4.15</td>
</tr>
<tr>
<td>JF 629</td>
<td>310.305</td>
</tr>
<tr>
<td>Y 609</td>
<td>269.558</td>
</tr>
</tbody>
</table>

NOTES:

1. All property within Caltrans R/W, R/W line located outside of site boundary.

2. For complete R/W, access, and property line data, see R/W record maps at the Caltrans District Office.

PROJECT CONTROL

<table>
<thead>
<tr>
<th>STA</th>
<th>SITE</th>
<th>NORTING (Y)</th>
<th>EASTING (X)</th>
<th>EPOCH DATE</th>
<th>ELEVATION METER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>SITE B</td>
<td>695131.459</td>
<td>1,824,990.565</td>
<td>1995.50</td>
<td>29.09</td>
<td>CONCRETE NAIL IN A/C</td>
</tr>
<tr>
<td>101</td>
<td>SITE B</td>
<td>695200.960</td>
<td>1,825,041.899</td>
<td>1995.50</td>
<td>29.212</td>
<td>CONCRETE NAIL IN A/C</td>
</tr>
</tbody>
</table>

AS BUILT

By:          MAY 26, 2000

DATE:       ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

CONSTRUCTION STAKING AND SURVEY, SITE 8
(I-105 LAKewood BLVD)

SCALE: 1:100

CU 00000
EA 00000

ALL Dimensions ARE in Meters UNLESS OTHERWISE SHOWN.

TRENCH DRAIN

DRAINAGE SYSTEM NO 1
Scale: 1:5

CATCH BASIN

DRAINAGE SYSTEM NO 6
Scale: 1:20

ELEVATION TABLE

<table>
<thead>
<tr>
<th>SITE NAME</th>
<th>ELEVATION 'A'</th>
<th>ELEVATION 'B'</th>
<th>ELEVATION 'C'</th>
<th>ELEVATION 'D'</th>
<th>ELEVATION 'E'</th>
</tr>
</thead>
<tbody>
<tr>
<td>SITE 6 (VIA VERDA)</td>
<td>33.57</td>
<td>330.09</td>
<td>329.76</td>
<td>326.16</td>
<td>326.16</td>
</tr>
<tr>
<td>SITE 11100/ LAKWOOD BLVD</td>
<td>28.68</td>
<td>26.69</td>
<td>26.09</td>
<td>25.60</td>
<td>24.60</td>
</tr>
</tbody>
</table>

AS BUILT

SECTION
SCALE: 1:20

DRAINAGE DETAILS

DATE: MAY 26, 2000

NOTE:
1. ALL Horizontal reinforcement bars shall be terminated with 600 mm long, 90 degree hooks.
DRAINAGE SYSTEM NO 8

TREATMENT CHAMBER AND PUMPING STATION

SCALE: 1:150

DRAINAGE DETAILS

SECTION

SCALE: 1:50

AS BUILT

D-25
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.

0.150 GRAVEL
0.100 OUTLET, PROVIDE FILTER FABRIC AT TOP AND BOTTOM OF SAND MEDIA. FABRIC SHALL BE GUNDBERG FABRIC MATERIAL (MADCO 4557).

FILTER FABRIC TOP AND BOTTOM

450 mm FILTER MEDIA
350 mm GRAVEL

CONSTRUCTION JOINT WITH PREFORMED PLASTIC ADHESIVE WATERSTOP IN 25MM/100MM KEY

1/5 ø 300 mm EACH FACE FOR INTERIOR WALLS, 1/2 ø 300 mm EACH FACE FOR EXTERIOR WALLS

1/5 ø 300 mm EACH FACE FOR ALL 450 mm THICK WALL

STAINLESS STEEL 1/2" X 1/2" X 1/2" (LONG LEG VERTICAL) AROUND PERIMETER, ATTACH W/ M4 STAINLESS STEEL EXPANSION ANCHORS AT 500 mm O.C. (1000 mm MIN EMBEDDED IN CONCRETE)

800 mm TUBE SETTLERS

CONCRETE FILL

DRAINAGE DETAILS

SECTION SCALE: 1:20

AS BUILT

SCALE: 1:20

DATE: MAY 26, 2000

D-26
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

G7 STANDARD JOISTS
Class ending in right angle bends or hooks shall conform to the requirements of ACI-318.

G8 SLOPING GLASS
Concrete in the Bays that are sloped shall have bottom sloped the same amount, maintaining a uniform slab thickness, unless otherwise shown.

G9 GROUND SUPPORTED SLABS
Concrete slab supported by ground, unless otherwise noted, shall be 150mm thick reinforced with 50mg at mid-depth of slab.

STEEL

S1 APPLICABLE CODE

S2 MATERIAL
All structural shapes, bars, plates and sheets indicated on the drawings shall be steel, meeting ASTM A360 unless otherwise noted.

S3avitating
Members shall be designed to have the nominal 10 ksi code for A36 and 0.005 yield in building construction, welds shall be certified.

S4 TAPPED STEEL
Steel, cold formed in concrete shall not be galvanized or painted and shall have a clean surface for bonding to concrete.

S5 GRADING
Structural steel shall be painted in accordance with specifications.

ALUMINUM

A1 APPLICABLE CODE

A2 MATERIAL
All other otherwise indicated, structural aluminum shall be Alloy 6061-T6 as specified in ASTM B-202.

A3 ALUMINUM IN CONTACT WITH CONCRETE
Contact surfaces shall be covered with heavy AASHTO-M-252-resistant SHMP-116 Tape in contact with concrete or masonry surfaces.

AS BUILT

By: MAY 26, 2008

Date: D27

STRUCTURAL GENERAL NOTES
LEGEND:
1. STANCHION MOUNTED JUNCTION BOX, WEATHERPROOF
2. STANCHION MOUNTED DUPLEX RECEPTACLE OUTLET, WEATHERPROOF
3. EXISTING SWITCHBOARD/PANELBOARD AND CABINET
4. EXISTING ELECTRICAL EQUIPMENT
5. CROSS LINES INDICATES NUMBER OF 1/2 AMP. NO CROSS LINES INDICATES 2 X 12 AMP, UNLESS OTHERWISE NOTED, ALL CONDUIT IS "E" UNLESS OTHERWISE NOTED
6. HONORED TO PANELBOARD CIRCUIT NUMBERS 1 AND 3
7. MC - CONDUIT, METALIC UNDERGROUND
8. EXISTING CONDUIT TO REMAIN
9. STANCHION MOUNTED MOTOR STARTER FOR THE EFFLUENT PUMP, WEATHERPROOF
10. EFFLUENT PUMP MOTOR WITH FLOAT SWITCH

NOTES:
1. TYPE III OF SERVICE EQUIPMENT ENCLOSURE WITH PROVISIONS FOR ONE 150A METER, 150A 208/240V, 3-PHASE, 4-WIRE 120/240V PANELBOARD P-WITH 200A/200P MAIN AND I-50A/250P, 6-20A/1P BRANCH CIRCUIT BREAKERS
2. FOR CONNECTION OF INFUENT/INFLOW SAMPLER AND FLOW METER
3. FOR CONNECTION OF EFFLUENT/OUT FLOW SAMPLER AND FLOW METER
4. EFFLUENT PUMP MOTOR (208/230V, 1-PHASE) WITH FLOAT SWITCH
5. NEMA SIZE 1, 1-PH, I-PHASE MOTOR STARTED WITH H-O-A (HAND-OFF-AUTOMATIC) SWITCH FOR FLOAT CONTROL

AS BUILT

DATE: MAY 28, 2000

E-9

ELECTRICAL LEGEND, NOTES AND DETAILS