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>ALAMOSA MAINTENANCE STATION</td>
</tr>
<tr>
<td>2</td>
<td>80</td>
<td>EASTERN REGIONAL MAINTENANCE YARD</td>
</tr>
<tr>
<td>3</td>
<td>105</td>
<td>Foothill Maintenance Station</td>
</tr>
<tr>
<td>4</td>
<td>105</td>
<td>TERMINATION PARK AND RIDE</td>
</tr>
<tr>
<td>5</td>
<td>2/0</td>
<td>VIA WOODS PARK AND RIDE</td>
</tr>
<tr>
<td>6</td>
<td>105</td>
<td>LAXEMO PARK AND RIDE</td>
</tr>
</tbody>
</table>

AS BUILT

The Contractor shall possess the Class (or Classes) of license as specified in the "Notice to Contractor".

Sept 6, 2000

By

DATE

Project Engineer
Registered Civil Engineer

PHS Approval Signed

SHYNN & CALWELL
9040 E. CAMINO CITA
IRVINE, CA 92618

Contract No.
BASIS OF COORDINATES

STATION          Northing (Y) Easting (X)

AOA  573,249.692  1,903,432.480
CIT  570,633.993  1,968,261.458
CLAR  568,694.931  2,024,867.326
LEEP  570,096.993  1,981,180.014
LEAR  570,640.733  1,970,533.810
LERO  572,072.874  1,976,298.314
OATZ  569,320.446  1,944,662.074

BENCHMARK

ELEVATIONS AS SHOWN HEREIN ARE IN TERMS OF THE CALIFORNIA COORDINATE SYSTEM OF 1983 (EPOCH 1995.0), ZONE 5,
BASED LOCALY UPON THE FOLLOWING CONTINUOUSLY OPERATING REFERENCE STATIONS AS PUBLISHED BY THE NATIONAL GEODE中信 SURVEY:

STATION NAME      ELEVATION FEET/ METERS

TOO S 375.476
MF 565 128.077
OAKS 292.791
TIDAL 4.13
UH 668 310.305
Y 609 269.558

NOTE

FOR COMPLETE R/W, ACCESS, AND PROPERTY LINE DATA, SEE R/W RECORD MAPS AT THE CALIFORNIA DISTRICT OFFICE.

PROJECT CONTROL

<table>
<thead>
<tr>
<th>STATION</th>
<th>SITE</th>
<th>Northing (Y)</th>
<th>Easting (X)</th>
<th>Elevation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>5</td>
<td>558,094.524</td>
<td>1,977,472.282</td>
<td>995.50</td>
<td>CONCRETE NAIL IN A/C WESTERN END OF YARD</td>
</tr>
<tr>
<td>S1</td>
<td>6</td>
<td>558,104.311</td>
<td>1,977,754.781</td>
<td>995.50</td>
<td>CONCRETE NAIL IN A/C EASTERLY END OF YARD</td>
</tr>
</tbody>
</table>

AS BUILT

CONSTRUCTION STAKING AND SURVEY,
SITE 1 (ALAMEDA MAINTENANCE STATION)

By:  
MAY 26, 2000

SCALE: 1:500

CSS-1
TRENCH DRAIN

DRAINAGE SYSTEM NO. 1

SCALE: 1:5

NOTES:
1. ALL HORIZONTAL REINFORCING BARS SHALL BE TERMINATED WITH 600 MM LONG, 90 DEGREE HOSES.

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 A (VIA VERDA)</td>
<td>33.57</td>
<td>330.09</td>
<td>329.78</td>
<td>328.18</td>
<td>328.18</td>
</tr>
<tr>
<td>SITE B (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 4

SCALE: 1:20

DATE: MAY 26, 2000

DRAINAGE DETAILS
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

G01  GENERAL
The GENERAL NOTES AND TYPICAL DETAILS ARE GENERAL AND APPLY TO THE PROJECT ONLY. THE PROJECT DETAILS WHERE THERE ARE SPECIFIC INDICATIONS TO THE CONTRARY.

G02  APPLICABLE SPECIFICATIONS AND CODES
CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 1995 EDITION OF THE UNIFORM BUILDING CODE, 1995 IBC, ABC. ALL CODES, SAFETY PHASED TO COMPLY WITH APPLICABLE CODES. WHERE CODES, SAFETY PHASED TO COMPLY WITH APPLICABLE CODES.

G03  ALTERNATIVE DESIGN
THE STRUCTURAL SYSTEMS AND DETAILS ON THESE PLANS ARE THE PRIORITIES OF THE DESIGN. ALTERNATIVE SYSTEMS AND DETAILS MAY BE USED BY THE CONTRACTOR SUBJECT TO THE SATISFACTION OF THE CONTRACTOR AND THE NEXT

G04  CONCRETE
CONCRETE STRUCTURES CONTROLLED BY SALE OF BID. MECHANICAL OR ELECTRICAL EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

G05  PROVISIONS FOR EQUIPMENT
MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTED OR MID-TOP, OPENINGS, HERRIES AND REEFS NOT SHOWN ON THE STRUCTURAL DRAWINGS. ALL SCAFFOLDS SHALL BE PROVIDED PRIOR TO CASTING CONCRETE.

G06  CONSTRUCTION LOADING
STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON COMPLETE STRUCTURES. STRUCTURES SHALL BE SUPPORTED BY MACHING AND SHADING WHEREVER EXCESSIVE CONSTRUCTION LOADS MAY OCCUR DURING CONSTRUCTION.

G07  GRADE SURFACES
SLOPE DRAINAGE SURFACES UNIFORMITY TO DRAIN. SLOPE SHALL BE 1/2 PER FOOT EXCEPT WHERE NOTED OTHERWISE ON THE PLANS.

CONCRETE

C01  APPLICABLE CODE

C02  REINFORCING STEEL DETAILS
ALL REINFORCING AND ERECTION OF REINFORCING RAYS, UNLESS OTHERWISE NOTED SHALL BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, 1995 STANDARDS.

C03  CONCRETE CEMENT
A. CONCRETE TO BE #605 WHT. 40⅔ GRADE CONCRETE BARS
B. REINFORCING STEEL
A. ASTM A705, GRADE 40, 3 seamless BARS

C04  CONCRETE COVER
CONCRETE COVER FOR REINFORCING BARS SHALL BE 30MM FOR FARMING SURFACE PERIOD OR FLATWORK AND TROWEL SMESTS CAST ON GROUND SHALL BE 35MM.

C05  EXTRA ACCESSORIES BARS
IN ADDITION TO NORMAL ACCESSORIES USED TO HOLD REINFORCING STEEL, FOLDS. IN POSITION, EXTRA ACCESSORY BARS SHALL BE USED AS PER FOLDS:
A. IN PLATES OR PLATE BARS AT 2500 OR MAXIMUM TO SUPPORT TOP REINFORCING STEEL.
B. IN WALLS WITH ONE GIRDERS OR 3 SHAPE SPACERS AT 3850MM.

C06  BAR LAY LAYS
CONCRETE PLAYS AT THE SAME DISTANCE AND SPACING AS BARS WITH WHICHEVER THEY ARE LAYED UNLESS OTHERWISE NOTED. ALL LAY LAYS SHALL BE AIRE AT LEAST 65MM DIAMETER LAY.
LEGEND:

1. STANCHION MOUNTED JUNCTION BOX, WEATHERPROOF
2. STANCHION MOUNTED DUPLEX RECEPTACLE OUTLET, WEATHERPROOF
3. EXISTING SWITCHBOARD/PANEL BOARD AND CABINET
4. EXISTING ELECTRICAL EQUIPMENT

---H--- CROSS LINES INDICATES NUMBER OF X 1/2 AMP, NO CROSS LINES INDICATES 2X 1/2 AMP, UNLESS OTHERWISE NOTED, ALL CONDUITS UNLESS OTHERWISE NOTED

P-1,3 HONEYWELL TO PANEL BOARD CIRCUIT NUMBERS 1 AND 3

---MC--- CONDUIT, METALLIC UNDERGROUND
---E--- EXISTING CONDUIT TO REMAIN

1A0 STANCHION MOUNTED MOTOR STARTER FOR THE EFFLUENT PUMP, WEATHERPROOF

EFFLUENT PUMP MOTOR WITH FLOAT SWITCH

NOTES:
1. TYPE III OF SERVICE EQUIPMENT ENCLOSURE WITH PROVISIONS FOR ONE 100A METER, 30A 20/240V, 40A 3PH3W 240V PANELBOARD F WITH 60A/2P MAIN AND 1-50A/1P, 6-20A/1P BRANCH CIRCUIT BREAKERS
2. FOR CONNECTION OF INFLEUENT/IN-FLOW 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. NEWM 5X1.75, 1-PH, 1-PHASE MOTOR STARTED WITH 0-10V (HARD-OFF-AUTOMATIC) SWITCH FOR FLOAT CONTROL

AS BUILT

ELECTRICAL LEGEND, NOTES AND DETAILS

E-9

By: [Sign here]

DATE: MAY 26, 2000