FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

PLANS	BY	DATE
DESIGNED		
CHECKED		
DELINEATED		

REGISTERED PROFESSIONAL ENGINEER — Gerard Dalziel — No. 36333 — Exp. 06/30/06 — CIVIL — STATE OF CALIFORNIA

WILLDAN – Serving Public Agencies
5930 Cornerstone ct. West, Ste 300
San Diego, California 92121
Tel 858.467.6950, Fax 858.467.1346

REGISTERED CIVIL ENGINEER — DATE 8/15/05

PROJECT STANDARD SPECIFICATIONS:

STATE OF CALIFORNIA STANDARD SPECIFICATIONS FOR CONSTRUCTION OF LOCAL STREETS AND ROADS, JULY 2002

PROJECT STANDARD PLANS:

CALTRANS STANDARD PLANS, July 2002 (CSP)

ROAD WORK

A10A	A20D	A62A	A62F
A10B	A24B	A62B	D80A
A20A	A24C	A62C	T3
A20B	A24D	A62D	A87
A20C	A24E	A62E	

BRIDGE WORK

A62C	B3–8	B11–51
B0–1	B6–1	B11–54
B0–3	B6–10	B14–3
B0–5	B7–5	B14–5
B3–1	B11–30	

REGIONAL STANDARD DRAWINGS (RSD), April 2003

C–1	D–34	D–76F	D–78A	D–80A
C–4	D–35A	D–76G	D–78B	D–80B
D–1	D–35B	D–76H	D–78C	D–80C
D–2	D–39	D–76I	D–78D	D–81A
D–7	D–40	D–76J	D–78E	D–81B
D–9	D–44A	D–76K	D–78F	G–1
D–11A	D–44B	D–77A	D–78G	G–2
D–11B	D–44C	D–77B	D–78H	
D–12	D–44D	D–77C	D–78I	G–6
D–13	D–45	D–77D	D–78J	G–7
D–15	D–60	D–77E	D–78K	G–9
D–16	D–61	D–77F	D–78L	G–10
D–17A	D–62	D–77G	D–78M	G–11
D–17B	D–75	D–77H	D–79A	G–12
D–22	D–76A	D–77I	D–79B	G–14A
D–25	D–76B	D–77J	D–79C	G–27
D–27	D–76C	D–77K	D–79D	G–29
D–29	D–76D	D–77L	D–79E	M–2
D–30	D–76E	D–77M	D–79F	

SAN DIEGO DESIGN STANDARDS (CSD)

DS–7	DS–9	DS–10	DS–13	S–10

HORIZONTAL CONTROL:

ALL BEARINGS, DISTANCES, STATIONS AND COORDINATES ARE GRID BASED ON THE NORTH AMERICAN DATUM OF 1983 (1991.35) CALIFORNIA COORDINATE SYSTEM, ZONE6, AS DEFINED BY SECTIONS 8801 THROUGH 8819 OF THE CALIFORNIA PUBLIC RESOURCES CODE. CONTROL IS BASED ON THE FIRST ORDER CONTROL STATIONS "SM082" AND "102WCCS3" PER ROS 17364 AND "VWD 3006" PER ROS 15376.

AT STATION: "INTERSECTION WITH WOODS VALLEY"

DESC = M–10 MON BR. DISK MK'D "S.D.C.SYVYR"
N = 2019441.585
E = 6322090.763
EL = 1336.83

λ = 0.25'49.47"

THE COMBINATION FACTOR = 0.99989270

$$\text{GROUND DISTANCE} = \frac{\text{GRID DISTANCE}}{\text{COMBINATION FACTOR}}$$

VERTICAL CONTROL

BENCHMARK

DESIGNATION:

DESCRIPTION: BENCHMARK IS A BRASS DISK IN BOULDER NEAR INTERSECTION OF OLD CASTLE ROAD AND HIGHWAY 395.

ELEVATION: 454.356'

DATUM: VERTICAL DATUM IS NGVD 1929

GENERAL STORM DRAIN NOTES

1. LOCATION OF EXISTING UTILITIES SHOWN IS APPROPRIATE, AND SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. INSTALL 2'–6" DIAMETER HOLES IN UPSTREAM SIDE OF EACH CURB INLET WITH FL OF HOLES AT SUBGRADE ELEV FOR TEMP DRAINAGE. HOLES SHALL BE PLUGGED WITH CONC PRIOR TO ASPHALT PAVING.
3. INSTALL 4' CHAIN LINK FENCE ON TOP OF HW EXCEEDING 4' VERT H, PER DS–9.
4. CONSTRUCT 12" X 12" CONC COLLAR AROUND CLEANOUT MH RISERS IN THE ROADWAY, 1.5" BELOW FG. PLACE 1.5" HOT MIX AC ON CONC TO MEET FG. CONC SHALL BE CLASS 2 (TYP)
5. ALL CLEANOUTS SHALL BE CONSTRUCTED WITH "Z" DIM EQUAL TO 6', RSD D–9, UNLESS NOTED OTHERWISE.
6. EXISTING STRUCTURES SHALL BE REMOVED, UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
8. INSTALL 2'– 6" HOLES IN UPSTREAM SIDE OF EACH CURB INLET WITH FL OF HOLES AT SUBGRADE ELEV FOR TEMP DRAINAGE. HOLES TO BE PLUGGED WITH PCC CONCRETE PRIOR TO AC PAVING.
9. CONSTRUCT 12" X 12" CONCRETE COLLAR AROUND CLEANOUT MH RISERS IN THE ROADWAY 1.5" BELOW FINISH GRADE. PLACE 1.5" HOT MIX AC ON COLLAR TO MEET FG. CONC SHALL BE TYPE 1.

ABBREVIATIONS AND ACRONYMS

HGL	HYDRAULIC GRADE LINE
CBU	CLUSTER BOX UNIT
OCPI	TYPE O CONC PIPE INLET

CONSTRUCTION NOTES:

1. REL (BY OTHERS)
2. SALV
3. REMOVE & RECONSTRUCT BUS STOP PER DETAIL ON SHEET 87R
4. CURB RAMP RSD G–27
5. ADJUST MH TO NEW GRADE (BY OTHERS)
6. DEMOLISH EXISTING STRUCTURE
7. PROTECT IN PLACE
8. ADJUST VALVE TO NEW GRADE
9. REL & RECONSTRUCT BUSINESS SIGN & ELECTRICAL (TYP) AS DIRECTED
10. REMOVE AND REPLACE
11. CURB AND GUTTER, RSD G–2
12. 5' PCC SIDEWALK, RSD G–7
13. CONST DWY (OUTSIDE R/W) PER DS–7
14. 5.5" CONC DWY
15. ABN WELL
16. PED RAMP PER RSD G–27
17. EARTH DWY COMPACTED TO 90% RC
18. SALV STREET LIGHT AND SIGN FOR PROPERTY OWNER
19. ABN/RELOCATE MONITORING WELL (BY OTHERS)
20. ABN EXIST PIPE
21. REL
22. REL SIGN (SEE SIGNING PLAN)
23. REL MAILBOX(S) (TEMPORARY)
24. REL WATER METER/VALVE
25. REL TELEPHONE RISER (BY OTHERS)
26. REL R1–STOP SIGN
27. REL ST NAME SIGN, CSD DS–13
28. REL FH
29. REL BW FENCE TO R/W
30. REL ELECTRIC BOX (BY OTHERS)
31. REL UTILITY POLE (BY OTHERS)
32. REL FENCE (TYP) TO R/W
33. REL SPEED LIMIT SIGN
34. REL ST LIGHT (BY OTHERS)
35. REL BACK FLOW PREVENTER
36. REL TRAFFIC SIGNAL BOX
37. REMOVE AC PVMT, SCARIFY & RECOMPACT SOIL
38. RECONSTRUCT MBGR
39. REMOVE (BY OTHERS)
40. SALV MBGR
41. SALV SIGN
42. REMOVE MBGR
43. REMOVE BLOCK WALL
44. REMOVE TRAFFIC SIGNAL BOX (BY OTHERS)
45. REMOVE GRATED INLET
46. REMOVE PCC HEADWALL
47. REMOVE PCC DRAINAGE SWALE
48. REMOVE FENCE
49. REMOVE MBGR
50. CONST 6" CURB, RSD G–1

GENERAL NOTES:

1. CUT AND FILL SLOPE RATIOS SHOWN ON THE PLANS ARE HORIZONTAL TO VERTICAL (HOR : VER).
2. A CONCRETE DRAINAGE DITCH SHALL BE CONSTRUCTED BEHIND THE BERM AT LOCATIONS SHOWN ON THE PLANS PER DETAIL.
3. EXISTING K–RAIL MEDIAN BARRIER CURRENTLY IN USE ON VALLEY CENTER ROAD IS TO BE USED DURING CONSTRUCTION.
4. TYPICAL SECTIONS FOR VALLEY CENTER ROAD SHOW 2% CROWNED SECTION. ACTUAL CROSS SLOPES VARY THRU SUPERELEVATED PORTIONS. SEE PROFILE VIEWS FOR PROPOSED FLOWLINE ELEVATIONS WITHIN SUPERELEVATION AND TRANSITION PORTIONS OF VALLEY CENTER ROAD.
5. ALL EXISTING UTILITIES SHOWN ARE UNDERGROUND UNLESS DESIGNATED BY "OHD".
6. DIKE POSITIONING AT MBGR TERMINAL SYSTEMS SHALL BE AS INDICATED ON CALTRANS STANDARD A77F.
7. 4" MOUNTABLE DIKE SHALL HAVE A 15 FOOT TRANSITION TO TYPE "A" DIKE AT ALL DRIVEWAY RETURNS.
8. ALL RECOMPACTION SHALL CONFORM TO THE SOILS REPORT PREPARED BY ZEISER KING CONSULTANTS, INC. ENTITLED "MATERIALS REPORT, RECONSTRUCTION OF VALLEY CENTER ROAD" DATED 12–17–92 AND ALLIED GEOTECHNICAL ENTITLED "FINAL REPORT OF GEOTECHNICAL INVESTIGATION VALLEY CENTER ROAD WIDENING PROJECT STATION 13+00 TO STATION 117+00 COUNTY OF SAN DIEGO" DATED 06–15–03.
9. THE CONTRACTOR SHALL NOT ENTER THE AREA BEYOND THE P.I.A. LINE WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER.
10. ALL MBGR SHALL CONFORM TO THE 2004 STANDARD SPECIFICATIONS

C–SH002R–GN–VCRN.dwg

S:\LDD Design\Valley Center Road\UJ1101\Addendum #2\VCR–NORTH\

17:00 08/15/05

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
5555 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295

REVISIONS	BY	APPROVED	DATE

COORDINATE INDEX: 370 N. 1761 E.
CONST. COMPL.
FIELD REVISIONS

VALLEY CENTER ROAD RECONSTRUCTION IN THE VICINITY OF VALLEY CENTER

GENERAL NOTES

SCALE: HOR. NONE VERT. NONE
W.A. UJ1101 R.S. 1838–3 TO –6
FILE NO.
SHEET 2R OF 256 SHEETS