Figure 9.6-2 Project Control Diagram Example

SUPERSEDES EXAMPLE RELEASED 7/29/09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	76	7.3/13.1		

PROFESSIONAL LAND SURVEYOR DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PROFESSIONAL LAND SURVEYOR — STATE OF CALIFORNIA

NOTES:

1. FOR COMPLETE PROJECT CONTROL DATA, SEE THE SURVEY RECORDS ON FILE IN THE SURVEYS DEPARTMENT AT THE DISTRICT OFFICE.
2. **BASIS OF BEARINGS AND COORDINATES:**

   THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM (CCS), ZONE 6, NAD 83 (2010) EPOCH 2011.00 AS DETERMINED LOCALLY BY A LINE BETWEEN STATION SDGPS 02 (DX5296) AND STATION SDGPS (DX5297), BEING S. 72° 07' 53" E, FROM GEODETIC SURVEY.

   COORDINATES ARE SHOWN IN THE U.S. SURVEY FOOT (1200/3937 METER)

   THIS GPS STATIC SURVEY WAS CONSTRAINED TO NSRS STATIONS: SDGPS 2 (PID DX5296), SDGPS 3 (PID DX5297) AND HPGN CA 11 07 (PID DX5291) PER NGS REFERENCE SYSTEM AND RESULTED IN RESIDUAL ERRORS RANGING FROM 0.5MM TO 1CM HORIZONTALLY AT THE 95% CONFIDENCE LEVEL. THE VALUES REPRESENTED IN THIS SURVEY MEET THE ABOVE-REFERENCED STANDARDS FOR 1CM HORIZONTAL REQUIREMENTS.

   SUBSEQUENT GPS AND CONVENTIONAL SURVEYS ESTABLISHED THE LISTED 2CM ORDER STATIONS.
3. **BASIS OF ELEVATIONS:**

   THIS PROJECT IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). STATIONS AND RESPECTIVE ELEVATIONS CONSTRAINED TO ARE:
   SDGPS 3 (PID DX5297, ELEVATION 308.26')
   SD 6 41 (PID DX5544, ELEVATION 201.32')

ABBREVIATIONS:

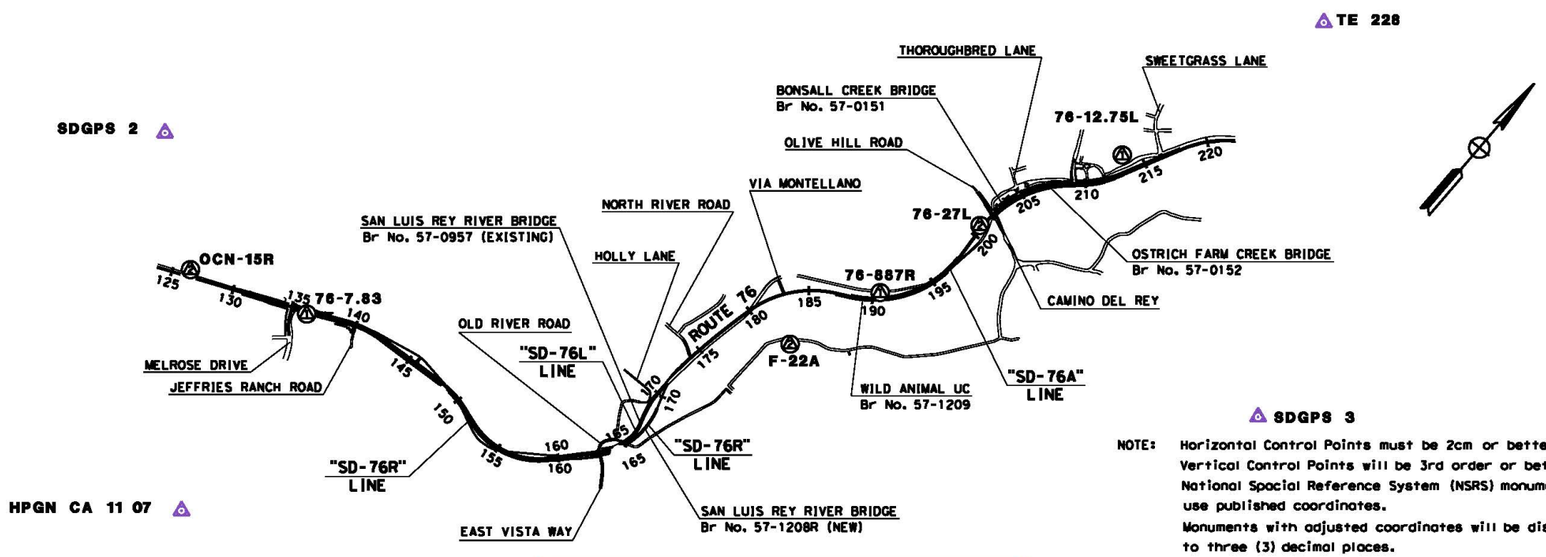
CADT - CALIFORNIA DEPARTMENT OF TRANSPORTATION
CDH - CALIFORNIA DIVISION OF HIGHWAYS
PID - NATIONAL GEODETIC SURVEY PERMANENT IDENTIFIER

LEGEND:

STATION IN THE NATIONAL SPATIAL REFERENCE SYSTEM
1CM STATION
2CM STATION

CONTROL FOR DESIGN AND CONSTRUCTION

STATION DESIGNATION	ORDER	NORTHING	EASTING	ELEVATION	DESCRIPTION
HPGN CA 11 07	1CM	1,992,291.230	6,247,272.610	311.28	2½" CADT ALUMINUM DISK
SDGPS 2	1CM	2,074,411.291	6,256,591.351	717.18	SD COUNTY 2½" ALUMINUM DISK
SDGPS 3	1CM	2,065,546.372	6,284,088.942	308.26	2¼" CADT DISK
76-7.83	1CM	2,036,828.563	6,251,747.583	154.12	2¼" CADT DISK
76-887R	1CM	2,046,708.894	6,262,652.814	178.55	2¼" CADT DISK
76-12.75L	1CM	2,053,455.055	6,265,098.825	273.92	2¼" CADT DISK
TE 228	1CM	2,056,816.667	6,268,905.806	197.79	SD COUNTY BM DISK
OCN-15R	2CM	2,035,799.816	6,248,716.537	NONE	2¼" CDH DISK
F-22A	2CM	2,044,193.378	6,261,747.738	243.58	2¼" CDH DISK
76-27L	2CM	2,049,699.979	6,263,485.249	266.52	2¼" CADT DISK



NOTE: Horizontal Control Points must be 2cm or better. Vertical Control Points will be 3rd order or better National Spacial Reference System (NSRS) monuments use published coordinates. Monuments with adjusted coordinates will be displayed to three (3) decimal places.

PROJECT CONTROL DIAGRAM EXAMPLE A

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL

NO SCALE

PC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
OFFICE OF LAND SURVEYS

FUNCTIONAL SUPERVISOR | CALCULATED-DESIGNED BY | CHECKED BY | REVISED BY | DATE REVISED

PROJECT CONTROL EXAMPLE

LAST REVISION 00-00-00 | DATE PLOTTED => $DATE | TIME PLOTTED => $TIME

BORDER LAST REVISED 7/2/2010 | USERNAME => $USER DGN FILE => $REQUEST | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 00000000001

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