

B.M. 7551 ELEV. 889.656  
 RD-HP SPK. IN CONC. RAIL @ S ABUT. BRIDGE  
 53-945 OVER VENTURA FRY. 21' W OF E  
 KANAW Rd. 10' N of EASTBOUND ON-RAMP  
 MALIBU QUAD. 1972.

DOUBLE SCALE

**ROADSIDE DR.**  
 PRIVATE CONTRACT NO. 9574

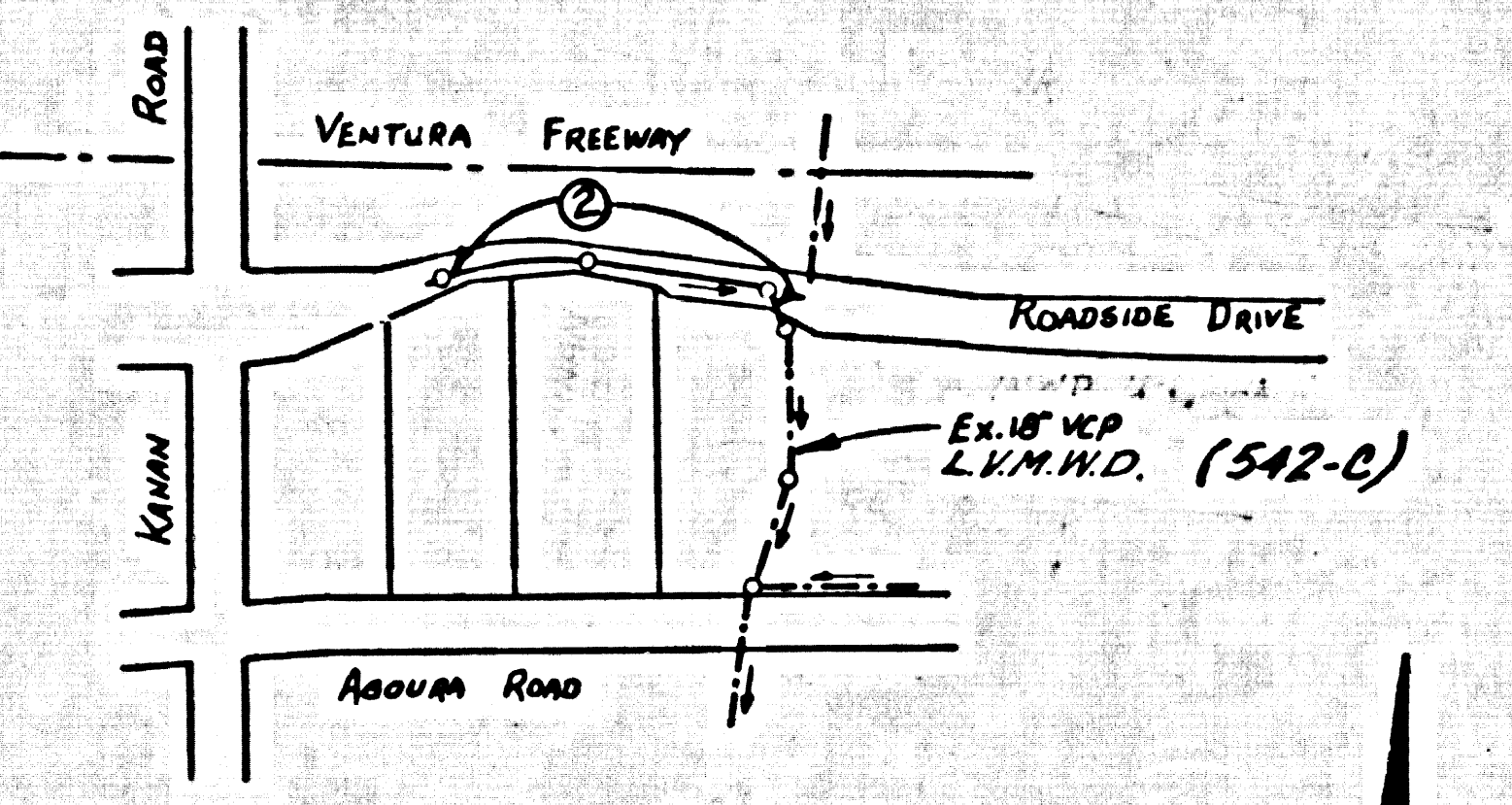
W.S. 90, A-2  
 1 SHEET, 2 PAGES  
 SCALE: VERT. 1"=4'  
 HORIZ. 1"=40'  
 JULY 1978  
 PREPARED IN THE OFFICES OF  
**CROWN ENGINEERING**  
 18455 BURBANK BLVD. TARZANA, CALIF.  
 BY: *[Signature]*  
 REG. E. No. 8758

46923

- GENERAL NOTES:**
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
  - NO IMPROVEMENTS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  - GRADES TO WHICH THE IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
  - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
  - THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
  - BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 3, AND PAY A FEE TO THE COUNTY ENGINEER, 550 S. FERNWOOD, RM 403 OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
  - IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
  - APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
  - REFER TO SECTION 7.18.43 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
  - THE UNDERGROUND UTILITY COMPANIES WITHIN THE LIMIT OF THIS PROJECT ARE AS FOLLOWS:  
 - L.V.M.W.D.

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STOP	5-17
ENCASING FOR SEWER PIPE	5-21
CRADLING AND IMPOUNDMENT	5-26
WYE OR TEE SUPPORT	5-28
ALLOWABLE TRENCH WIDTHS	5-33
LOCKING MANHOLE FRAME AND COVER	5-35
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-36



**INDEX MAP**  
 P.C. 9574

Note: Number in circle indicates page No.  
 SCALE 1"=500'

**CONSTRUCTION NOTES:**

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1976 EDITION) WITH THE COUNTY ENGINEER'S SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 8-14-78.
- THE CONTRACTOR SHALL NOTIFY THE DISTRICT DIVISION BY TELEPHONE, (213) 974-7283, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-2 OR PRECAST CONCRETE MANHOLES PER 5-36, EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH BRANCHLINE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "F", OR "G" PER STANDARD SPECIFICATIONS SECTION 306-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-32, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT ENCASED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 5-32, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH INSURING AS NECESSARY PER STANDARD SPECIFICATIONS SECTION 306-2.
- SEWERS TO BE AIR PRESSURE TESTED FOR LEAKAGE PER SECTION 306-14 OF THE STANDARD SPECIFICATIONS.
- REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 306-13.8 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BRICKELL IN STREETS. CERTIFICATION OF SPECIAL COMPLIANCE AND SAID EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE RESUMPTION OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- CONTRACTOR MUST CALL L.V.M.W.D. (213) 880-4110 24 HOURS PRIOR TO SEWER CONNECTION TO TRUNK SEWER.

COUNTY OF LOS ANGELES, CALIFORNIA  
 STEPHEN J. KOONCE, COUNTY ENGINEER LAS VIRGENES MUNICIPAL WATER DISTRICT  
 APPROVED *[Signature]* 8-14-78  
 APPROVED *[Signature]* 8/16/78  
 CHECKED *[Signature]* 8/11/78  
 R.C.E. = 10653  
 CALABAZAS BLDG. DIST. 91 I.N. 0388.01

