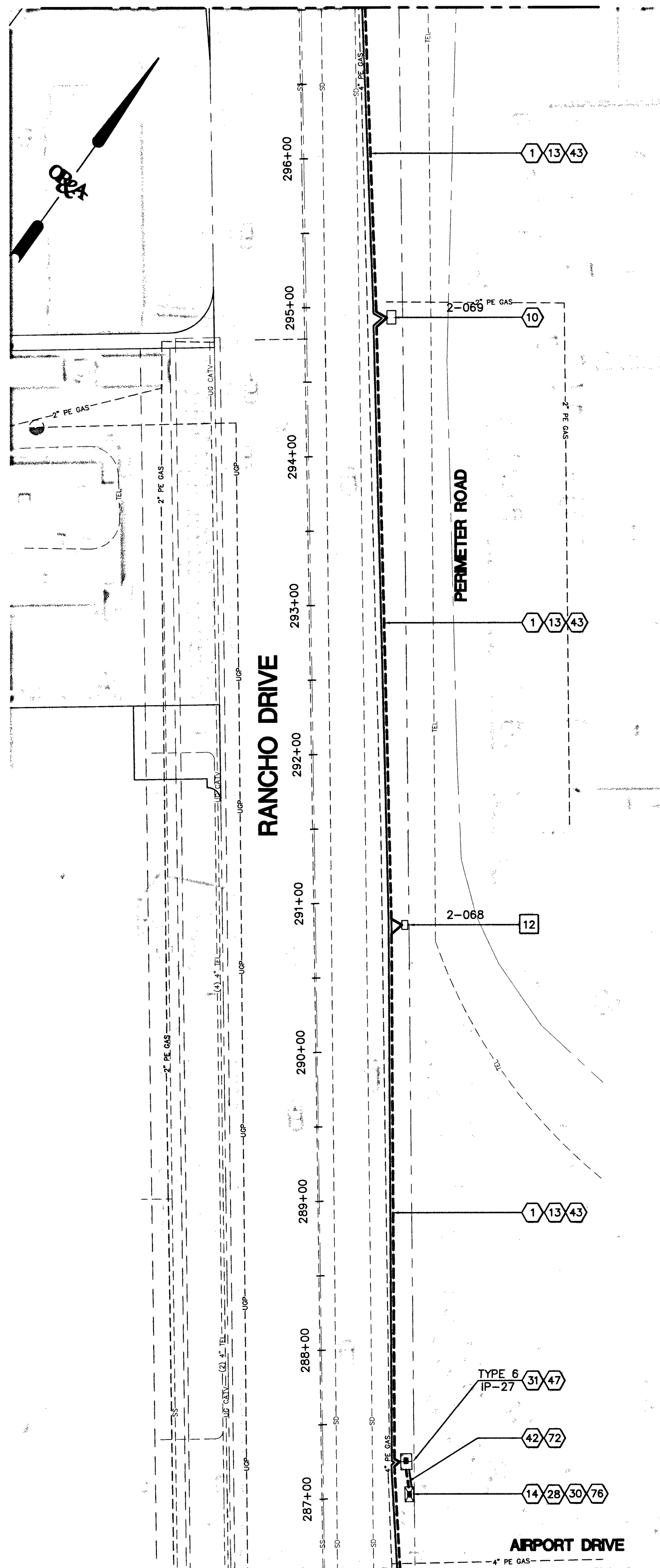
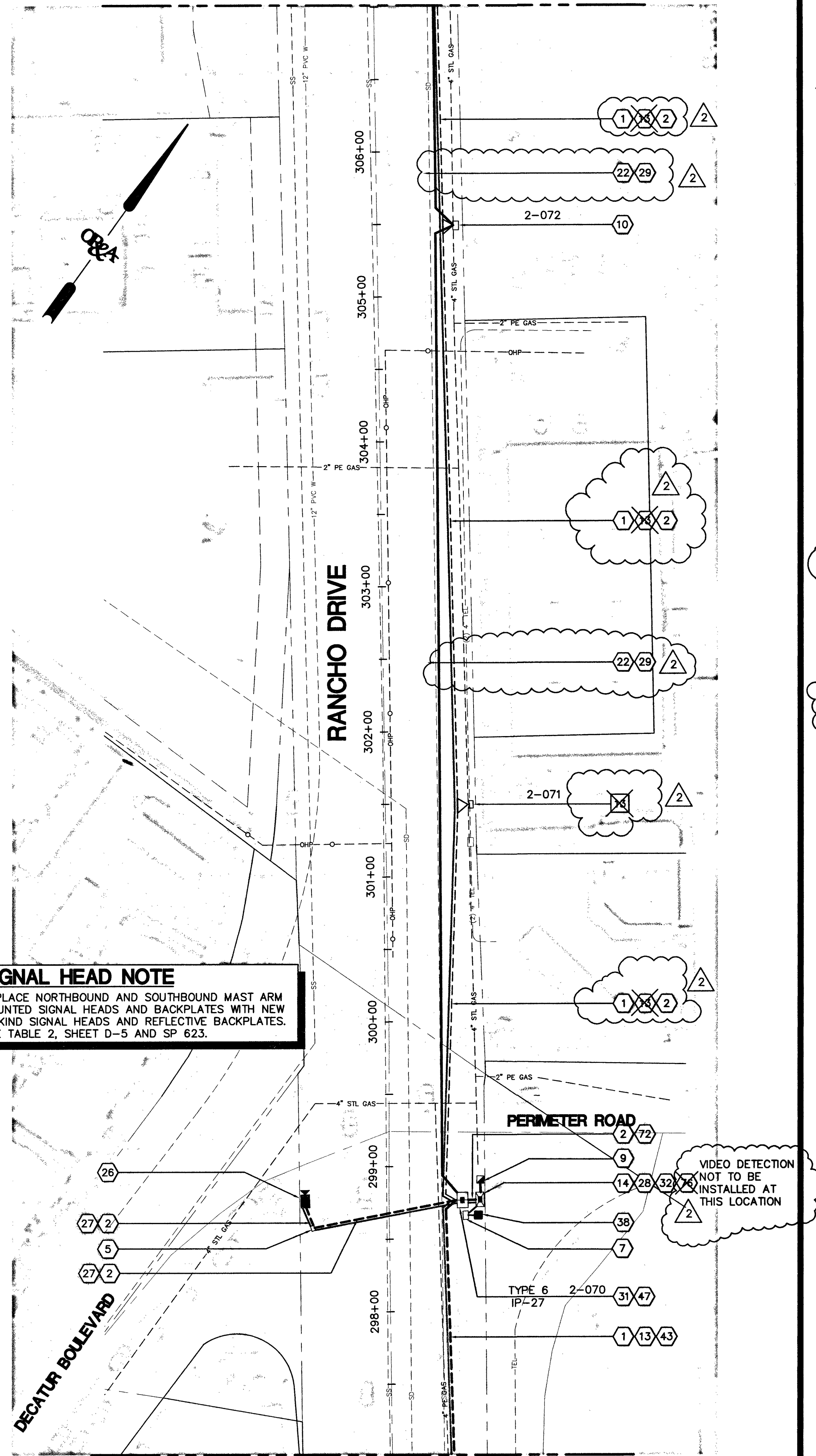


MATCHLINE STA 297+00 SEE BELOW RIGHT



MATCHLINE STA 286+50 SEE IP-13

MATCHLINE STA 307+00 SEE SHEET IP-15



MATCHLINE STA 297+00 SEE ABOVE LEFT

SIGNAL HEAD NOTE
REPLACE NORTHBOUND AND SOUTHBOUND MAST ARM MOUNTED SIGNAL HEADS AND BACKPLATES WITH NEW IN KIND SIGNAL HEADS AND REFLECTIVE BACKPLATES. SEE TABLE 2, SHEET D-5 AND SP 623.



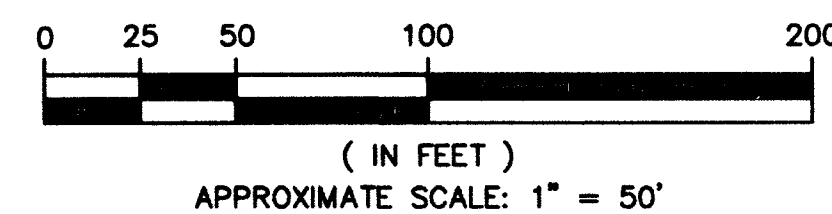
Orth-Rodgers and Associates, Inc.
TRANSPORTATION ENGINEERS and PLANNERS
3130 South Durango Drive, Suite 404
Las Vegas, NV 89117 (702) 233-4060

REMOVAL NOTES

- 12 REMOVE EXISTING NDOT #7 PULLBOX AND JOIN CONDUIT TO MAKE CONTINUOUS
- 13 REMOVE EXISTING P-30 PULLBOX AND JOIN CONDUIT TO MAKE CONTINUOUS

CONSTRUCTION NOTES

- 1 VERIFY PATH, REMOVE EXISTING INTERCONNECT CABLE, CLEAN OUT AND RECONDITION EXISTING CONDUIT TO ACCOMMODATE FIBER OPTIC CABLE PER SP623.05
- 2 EXISTING 2" CONDUIT
- 5 EXISTING #3.5 PULLBOX
- 7 EXISTING #7 PULLBOX
- 9 EXISTING SERVICE PEDESTAL
- 10 EXISTING NDOT #7 PULLBOX
- 13 INSTALL 72 STRAND FIBER OPTIC TRUNK LINE AND A 6 PAIR PE39 NO 22 AWG TRACER IN EXISTING CONDUIT
- 14 INSTALL CDCA UNIT IN CONTROLLER CABINET
- 22 INSTALL 4" CONDUIT AT LIP OF GUTTER PER DETAIL A SHEET D-2
- 26 INSTALL CCTV WITH 10' RISER PER CCUSD NO. 766. SEE DETAILS SHEET D-4
- 27 INSTALL CCTV COAX CABLE IN EXISTING CONDUIT
- 28 UPGRADE PHASE SELECTOR CARD FOR OPTICOM SENSOR TO A GT764 AND A GTT 768 AUXILIARY INTERFACE PANEL (AIP).
- 29 INSTALL 72 STRAND FIBER OPTIC TRUNK LINE AND A 6 PAIR PE39 NO 22 AWG TRACER IN NEW CONDUIT
- 30 THE CONTRACTOR SHALL PROVIDE THE LAYER 2 FIELD-HARDENED ETHERNET SWITCH TO FAST PER THE RTC UNIFORM STANDARD SPECIFICATION 684, INSTALLATION BY FAST
- 31 INSTALL FIBER OPTIC SPLICE WITHIN ENCLOSURE PER DIAGRAM SHEETS IP-26 THRU IP-29
- 32 CONTRACTOR TO SUPPLY VIDEO ENCODER AND THE LAYER 2 FIELD-HARDENED ETHERNET SWITCH TO FAST PER THE RTC UNIFORM STANDARD SPECIFICATION 685 AND 684 RESPECTIVELY, INSTALLATION BY FAST
- 38 INSTALL UNINTERRUPTED POWER SUPPLY (UPS). SEE DETAIL 'B' SHEET D-5.
- 42 EXISTING 3" CONDUIT
- 43 EXISTING 4" CONDUIT
- 47 EXISTING NDOT #9 PULLBOX
- 72 INSTALL CDCA ITS DROP CABLE GP2G012FR-60 AND 6 PAIR PE39 NO 22 AWG TRACER IN CONDUIT
- 76 UPGRADE VIDEO DETECTION SYSTEM WITH ETHERNET CAPABILITIES, COLOR CAMERAS, AND CABLE USING EXISTING CONDUIT. SEE SHEET D-5 FOR DETAILS.



SAFETY ALERT

Call Before You Overhead
1-702-227-2929

Call Before You Dig
1-702-432-5300
F.A.S.T.

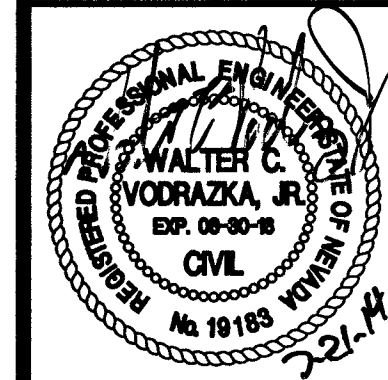
Call Before You Dig
1-800-227-2800
1-702-455-7544

**DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION**



**CLV ITS INFRASTRUCTURE - CORRIDOR 2
RANCHO DRIVE**

**TRAFFIC SIGNAL INTERCONNECT INFRASTRUCTURE
UPGRADE PLAN STA 286+50+00 TO STA 307+00**



Sheet
IP-14
17 of 42
DRAWING NO.
107V4475-FIB

REVISIONS		NO.	DATE	DESCRIPTION	APP'D
1	11/7/13	ADDENDUM NO. 1			
2	7/09/14	PULLBOX AND CONDUIT CHANGES BASED IN FIELD VERIFICATION			

CLV BID NO. 11730.20

*STATIONS SHOWN ARE FOR REFERENCE ONLY