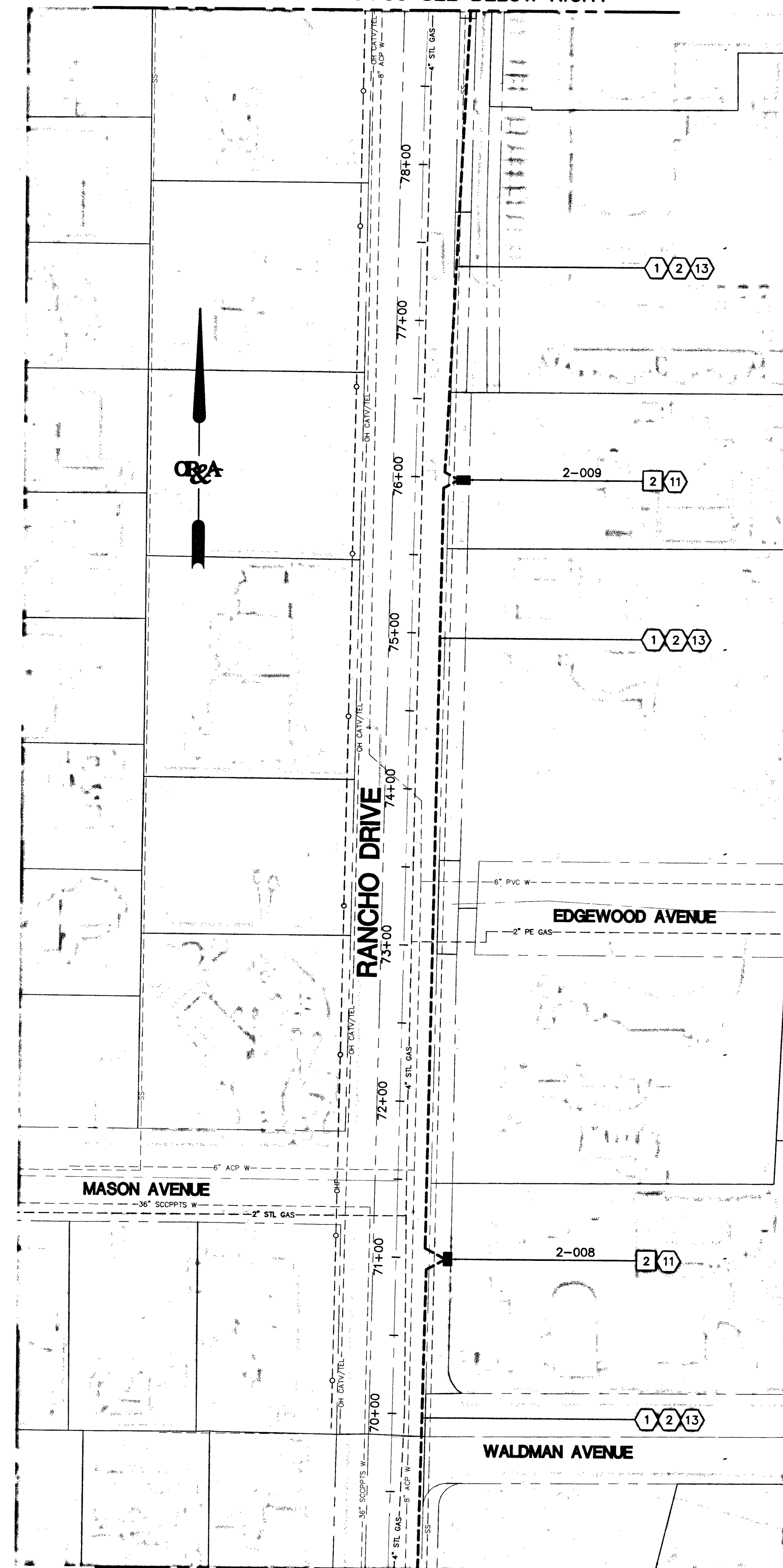
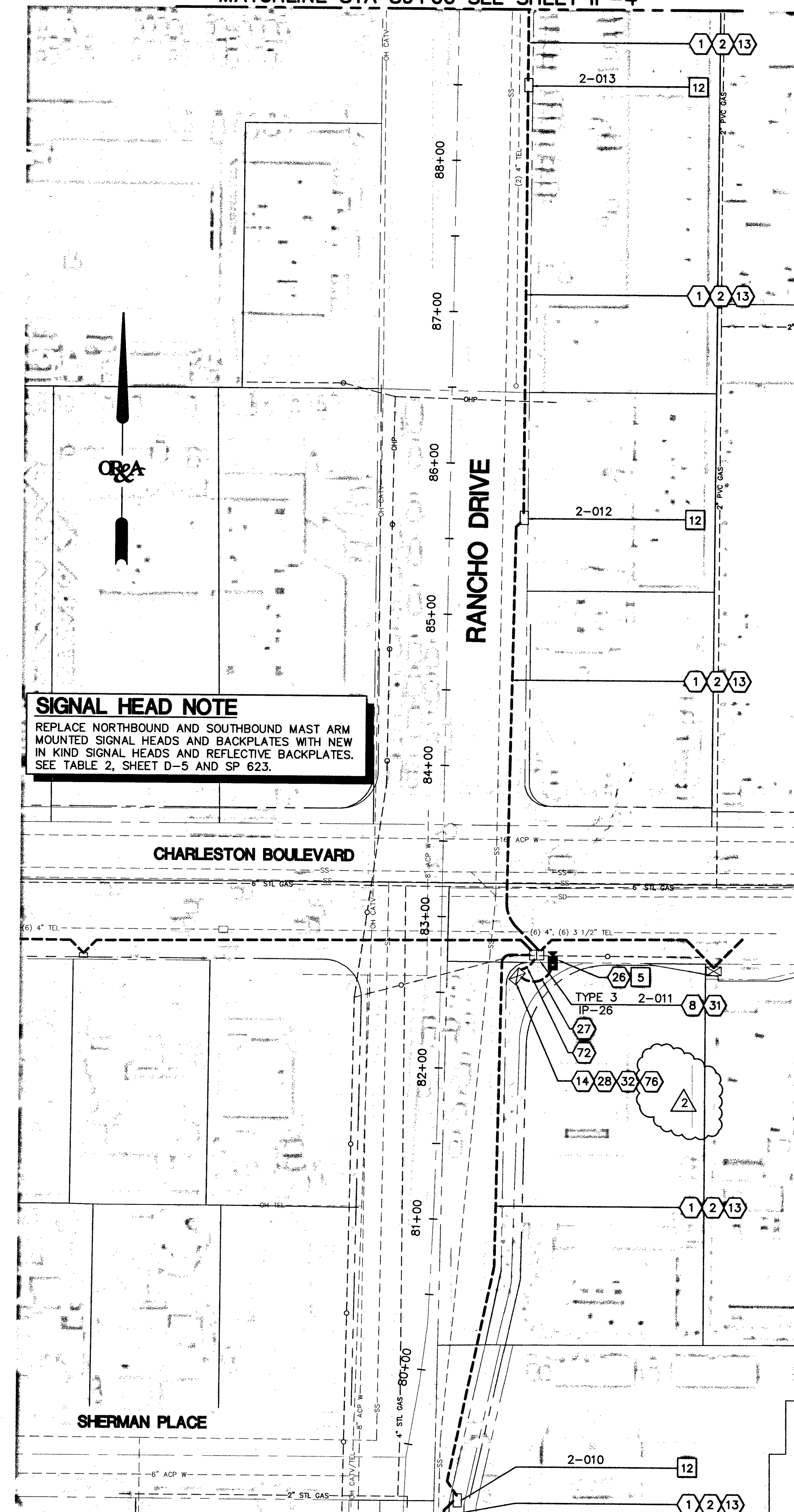


MATCHLINE STA 79+00 SEE BELOW RIGHT



MATCHLINE STA 69+00 SEE SHEET IP-2

MATCHLINE STA 89+00 SEE SHEET IP-4



SIGNAL HEAD NOTE

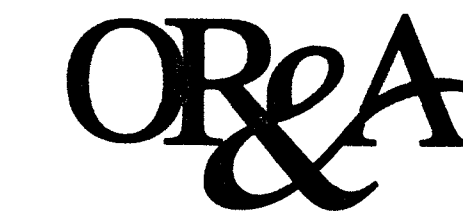
REPLACE NORTHBOUND AND SOUTHBOUND MAST ARM MOUNTED SIGNAL HEADS AND BACKPLATES WITH NEW IN KIND SIGNAL HEADS AND REFLECTIVE BACKPLATES. SEE TABLE 2, SHEET D-5 AND SP 623.

CHARLESTON BOULEVARD

RANCHO DRIVE

SHERMAN PLACE

MATCHLINE STA 79+00 SEE ABOVE LEFT



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

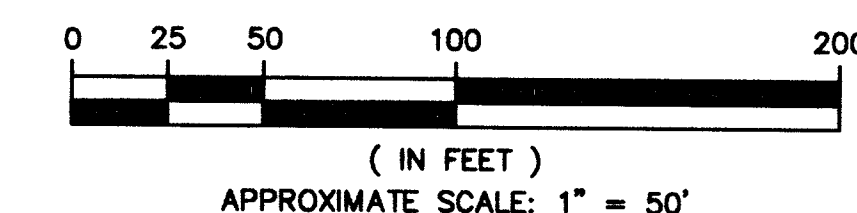
REMOVAL NOTES

- 2 REMOVE EXISTING #5 PULLBOX
- 5 REMOVE EXISTING CCTV.
- 12 REMOVE EXISTING NDOT #7 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
- 8 EXISTING TYPE 200 SPLICE VAULT
- 11 INSTALL PRECAST P-30 PULLBOX SEE DETAILS SHEET D-1
- 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
- 26 INSTALL CCTV WITH 10' RISER PER CCUSD NO. 766. SEE DETAILS SHEET D-4
- 27 INSTALL CCTV CABLE IN EXISTING CONDUIT*
- 28 UPGRADE PHASE SELECTOR CARD FOR OPTICOM SENSOR TO A GTT 764 AND A GTT 768 AUXILIARY INTERFACE PANEL (AIP).
- 32 CONTRACTOR TO SUPPLY A VIDEO ENCODER AND A LAYER 2 FIELD-HARDENED ETHERNET SWITCH TO FAST PER THE RTC UNIFORM STANDARD SPECIFICATION 685 AND 684 RESPECTIVELY, INSTALLATION BY FAST
- 31 INSTALL FIBER OPTIC SPLICE WITHIN ENCLOSURE PER DIAGRAM SHEETS IP-26 THRU IP-29
- 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.

* NOTE: IF 10' RISER CANNOT BE INSTALLED DUE TO POWER LINE LOCATION, THEN 20' OF SLACK SHALL BE LEFT IN EXISTING PULLBOX TO ALLOW FOR FUTURE RISER INSTALLATION.



SAFETY ALERT
Call Before You Overhead
1-702-227-2929

Call before you Dig
Call before you UnderGround
1-702-432-5300
F.A.S.T.

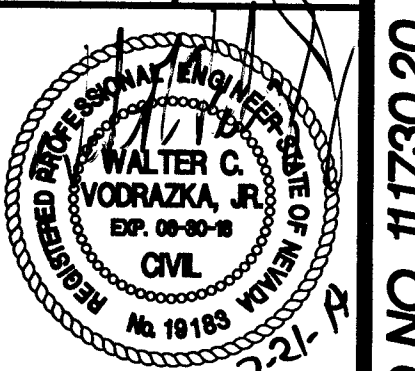
Call before you Dig
Call before you UnderGround
1-800-277-2000
1-702-454-7644

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION

CITY ENGINEER: DAVID N. BOWERS, P.E., P.T.O.E.
PROJECT MANAGER: LORRAINE LUNNET, DUNFORD, P.E.
DESIGNED BY: JVS
DRAWN BY: JVS
CHECKED BY: RM
DATE: 2013-04-02

TITLE: CLV ITS INFRASTRUCTURE - CORRIDOR 2
RANCHO DRIVE

SHEET: TRAFFIC SIGNAL INTERCONNECT INFRASTRUCTURE
UPGRADE PLAN STA 69+00 TO STA 89+00



Sheet
IP-3
6 of 42
DRAWING NO.
107V4475-FIB

CLV BID NO. 11730.20

*STATIONS SHOWN ARE FOR REFERENCE ONLY