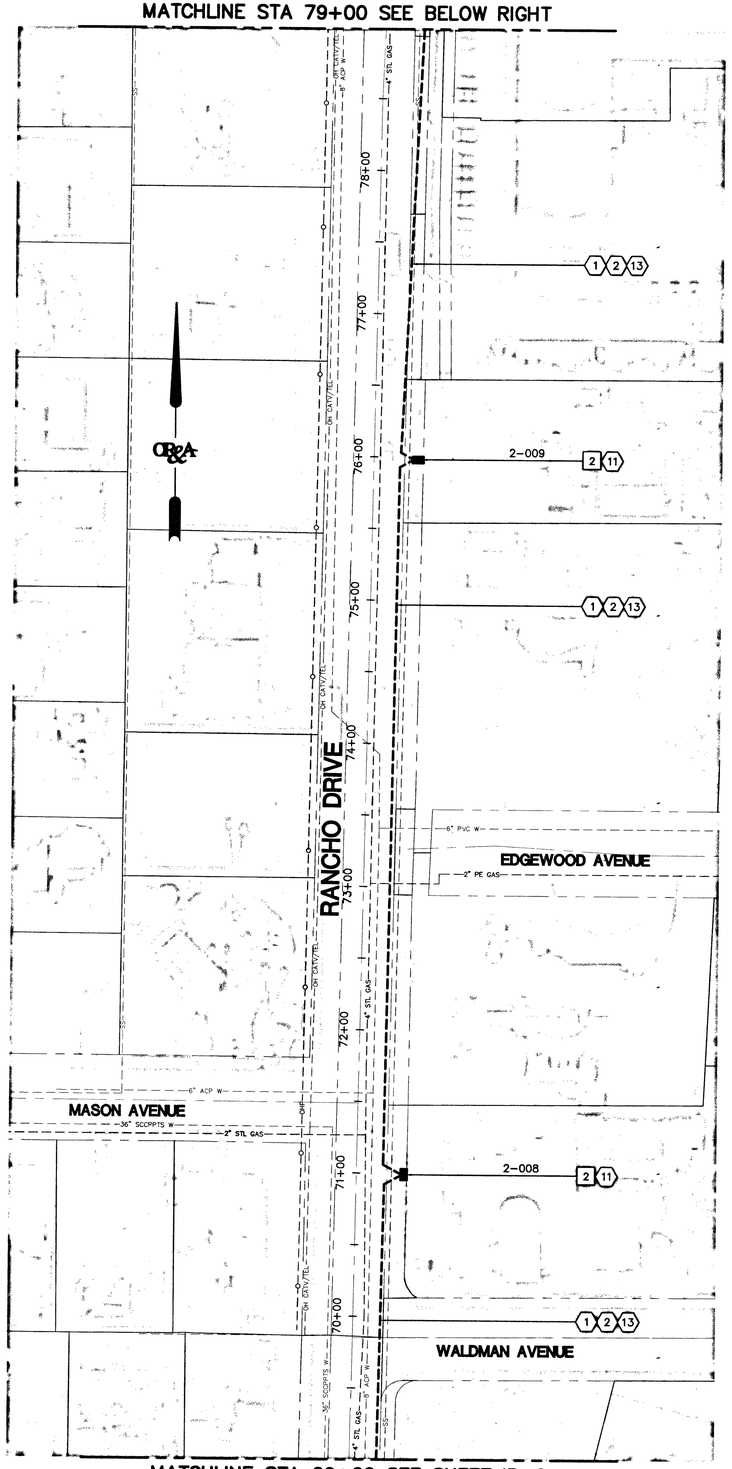
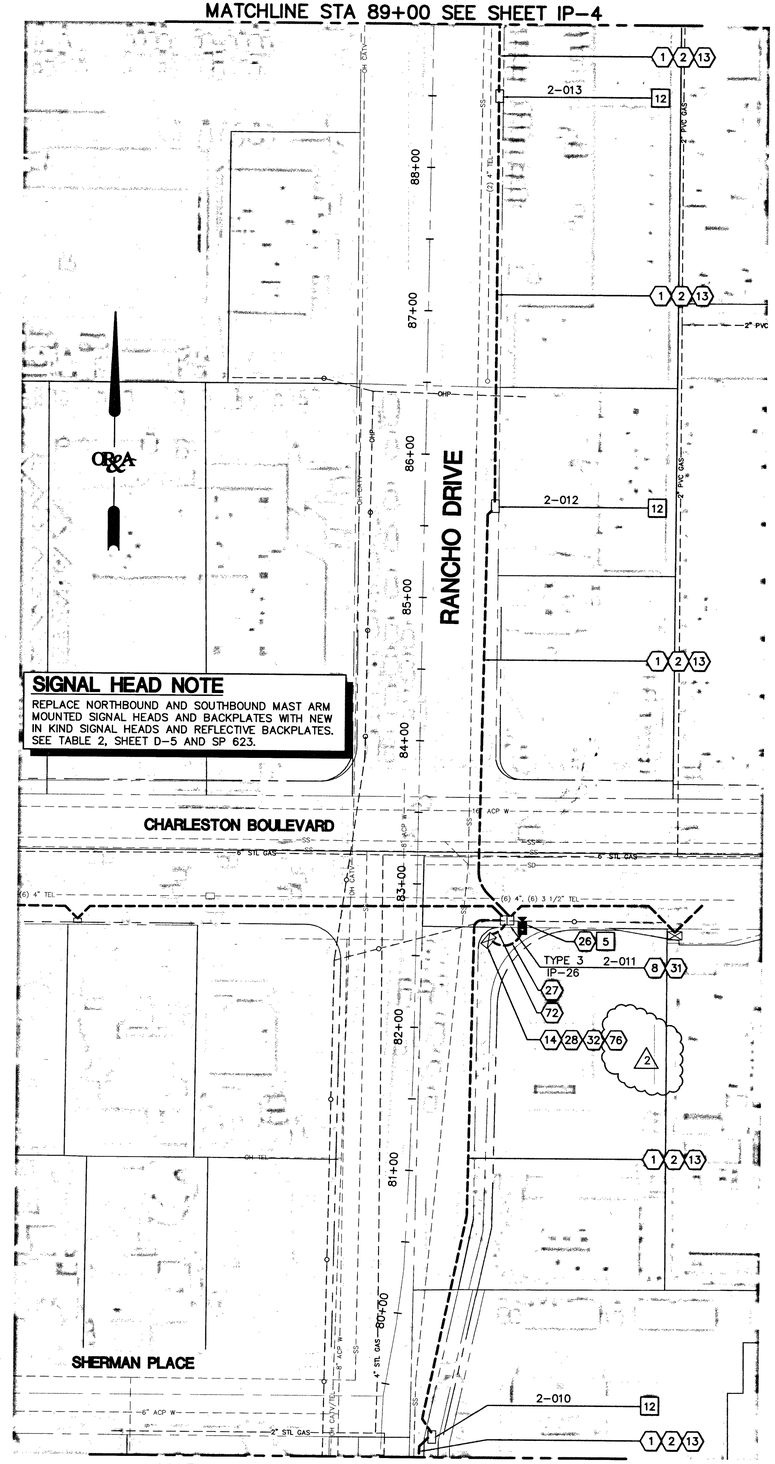
MATCHLINE STA 79+00 SEE BELOW RIGHT



MATCHLINE STA 69+00 SEE SHEET IP-2

MATCHLINE STA 89+00 SEE SHEET IP-4



MATCHLINE STA 79+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.

*STATIONS SHOWN ARE FOR REFERENCE ONLY

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 AUXILLARY 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. (2)

* 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.

0 25 50 100 200

(IN FEET)
APPROXIMATE SCALE: 1" = 50'

NO.	DATE:	DESCRIPTION	APP'D
1	1/7/13	ADDENDUM NO. 1	
2	5/09/14	PULLBOX AND CONDUIT CHANGES BASED IN FIELD VERIFICATION	

REVISIONS

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION

CITY ENGINEER:
PROJECT MANAGER: DAVID N. BOWERS, P.E., P.T.O.E.
LORRAINE LINNERT DUNFORD, P.E.
DESIGNED BY: WV
DRAWN BY: JS
CHECKED BY: RM
HORIZONTAL SCALE: AS SHOWN
VERTICAL SCALE: NONE
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

REGISTERED PROFESSIONAL ENGINEER
WALTER C. VODRAZKA, JR.
EXP. 06-30-15
CIVIL
No. 19165
STATE OF NEVADA
7-21-14

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

CLV BID NO. 11.1730.20

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

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY!
Call before you UnderGround
1-702-432-5300
F.A.S.T.

Call before you Dig
Call 811
1-800-227-2600
CLARK COUNTY RESIDENTS
1-702-455-7544