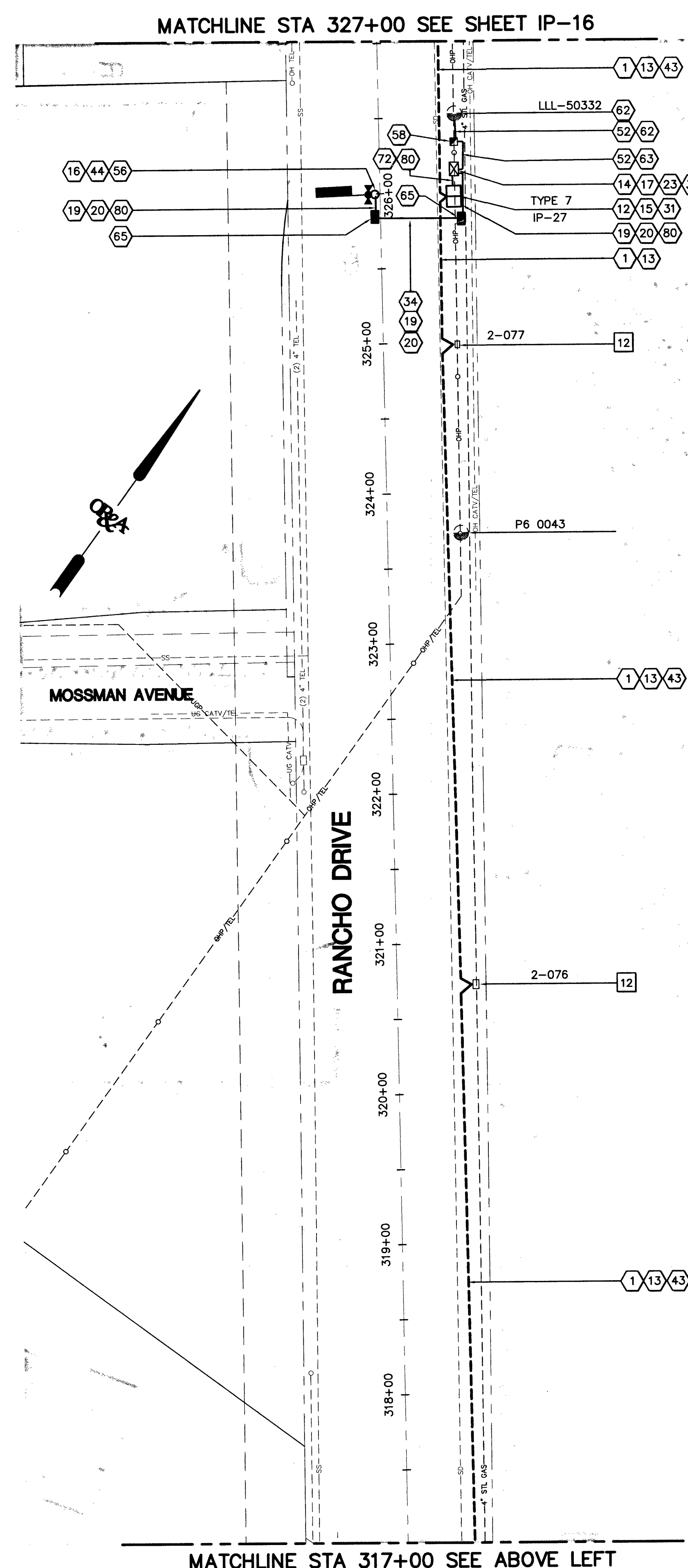




*STATIONS SHOWN ARE FOR REFERENCE ONLY

OR&A

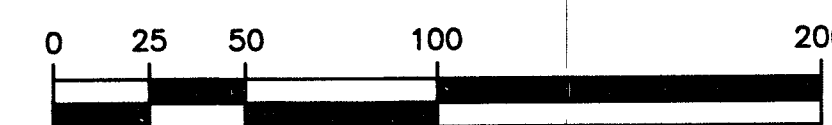
Orth-Rodgers and Associates, Inc.
TRANSPORTATION ENGINEERS and PLANNERS
3130 South Durango Drive, Suite 404
Las Vegas, NV 89117 (702) 233-4060

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
- 7 EXISTING #7 PULLBOX
- 9 EXISTING SERVICE PEDESTAL
- 12 INSTALL TYPE 200 SPLICE VAULT 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
- 15 INTERCEPT EXISTING INTERCONNECT CONDUIT
- 16 INSTALL DYNAMIC MESSAGE SIGN PER PER DETAILS, SHEET D-6. DMS POLE TO BE FIELD VERIFIED.
- 17 INSTALL 334 CABINET AND FOUNDATION PER DETAIL 2 SHEET D-2
- 19 INSTALL CAT 5 CABLE IN CONDUIT FOR COUNT STATION RADAR
- 20 INSTALL CAT 5 CABLE IN CONDUIT FOR DYNAMIC MESSAGE SIGN
- 22 INSTALL 4" CONDUIT AT LIP OF GUTTER PER DETAIL A SHEET D-2
- 23 INSTALL COUNTING EQUIPMENT IN 334 CABINET PER DETAIL 1 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 GTT 764 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 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
- 34 INSTALL 4" CONDUIT IN TRANSVERSE TRENCH PER DETAIL A SHEET D-2
- 38 INSTALL UNINTERRUPTED POWER SUPPLY (UPS). SEE DETAIL 'B' SHEET D-5.
- 43 EXISTING 4" CONDUIT
- 44 INSTALL (2) COUNT STATION RADAR UNITS, ONE NORTHBOUND AND ONE SOUTHBOUND
- 47 EXISTING NDOT #9 PULLBOX
- 52 INSTALL 2" CONDUIT IN LANDSCAPE AREA, RESTORE LANDSCAPE TO ORIGINAL CONDITION
- 58 INSTALL ABOVE GROUND PEDESTAL PER NDOT STANDARD DWG T-38.1.1 SURROUND PEDESTAL WITH BARRIER RAIL AND IMPACT ATTENUATOR AT EACH END PER NDOT STANDARD DWGS R-8.6.1 R-8.6.2. SEE SHEET D-7 FOR STANDARD DETAILS.
- 58 INSTALL 125 AMP SERVICE PEDESTAL AND FOUNDATION
- 62 CONNECT (2) #1/0 THW AND (1) #1/0 WHITE THW TO EXISTING VAULT. CONTRACTOR TO CONTACT NEVADA POWER TO COORDINATE CONNECTION TO EXISTING VAULT AND SERVICE PEDESTAL (INCIDENTAL TO SERVICE PEDESTAL PAY ITEM)
- 63 CONNECT (3) #4 THW (WHITE, BLACK, AND GREEN) TO SERVICE PEDESTAL AND CONTROLLER CABINET (INCIDENTAL TO SERVICE PEDESTAL PAY ITEM)
- 65 INSTALL #7 PULLBOX LABELED "FIBER" PER CCUSD NO. 707
- 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.
- 80 INSTALL 3" CONDUIT IN LANDSCAPE AREA, RESTORE LANDSCAPE TO ORIGINAL CONDITION
- 90 UPGRADE EXISTING PEDESTRIAN PUSH BUTTON TO AN AUDIBLE-TACTILE PEDESTRIAN SYSTEM USING EXISTING CONDUIT AND CABLE.



APPROXIMATE SCALE: 1" = 50'

SAFETY ALERT

Call

Before You Overhead

Overhead
1-702-227-2929

AVOID HITTING

**UNDERGROUND TRAFFIC
SIGNAL AND STREET
LIGHT SYSTEM CONDUITS
IT'S COSTLY**

			b
		UnderC	
1	700	130	

F.A.S.T

Call before you Dig

Call

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300 1 800 827 8200

CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544


DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION

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

UNIT 1:

Sheet
IP-15
18 of 42
DRAWING NO.
107V4475-FIB

CLV BID NO. 11730.20