

MATCHLINE STA 477+00 SEE BELOW RIGHT

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 SPECIFICATION 623.

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END PROJECT NDOT SPSR-599(003)
STA: "LNM" 5+07.120 OFFSET 69.88' RT
8995.44' FROM JONES/RANCHO INT NDOT
SPSR-599(003) STA: "LM" 72+56.075

MATCHLINE STA 477+00 SEE ABOVE LEFT



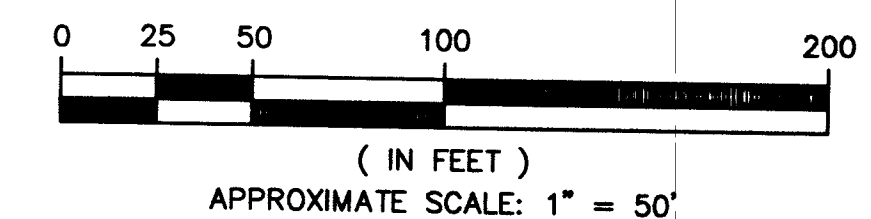
Orth-Rodgers and Associates, Inc.
TRANSPORTATION ENGINEERS and PLANNERS
3130 South Durango Drive, Suite 404
Las Vegas, NV 89117 (702) 233-4060

REMOVAL NOTES

- 12 REMOVE EXISTING NDOT #7 PULLBOX AND JOIN CONDUIT TO MAKE CONTINUOUS
- 13 REMOVE AND SALVAGE CONTROLLER CABINET

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
- 6 PROTECT IN PLACE EXISTING #5 PULLBOX
- 10 PROTECT IN PLACE 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
- 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).
- 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
- 42 EXISTING 3" CONDUIT
- 43 EXISTING 4" CONDUIT
- 47 PROTECT IN PLACE EXISTING NDOT #9 PULLBOX
- 72 INSTALL CDCA ITS DROP CABLE GP2G012FR-60 AND 6 PAIR PE39 NO 22 AWG TRACER IN CONDUIT
- 76 INSTALL TYPE VIII CABINET, COMMONLY REFERRED TO AS A TYPE "R" CABINET ON EXISTING TYPE "J" FOUNDATION. THE CABINET SHALL HAVE TWO (2) RACK-MOUNTED, 12 SLOT, LOOP DETECTION RACKS WITH 2 DETECTOR LOOP CHANNELS PER SLOT FULLY WIRED SO THAT ALL CHANNELS ARE USABLE, WITH 4 CHANNEL SLOTS THAT CAN ACCOMMODATE VIDEO DETECTION CABLES. THE CABINET SHALL CONFORM TO THE UNIFORM STANDARD DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS, CLARK COUNTY AREA, NEVADA
- 76 THE CONTRACTOR SHALL FURNISH NEW NAZTEC 980 ATC TS2 TYPE 2 NTCP COMPLIANT SIGNAL CONTROLLER OR NEW SIEMENS EAGLE M-53 SIGNAL CONTROLLER, FOURTEEN DAYS PRIOR TO SIGNAL TURN-ON FOR TESTING PURPOSES. THE CONTRACTOR SHALL DELIVER THE CONTROLLER TO, AND PICK UP CONTROLLER AT 2801 EAST CHARLESTON BOULEVARD. CONTRACTOR SHALL NOTIFY THE TRAFFIC SIGNAL REPAIR SHOP (229-6075) SEVEN DAYS PRIOR TO PICKUP.
- 76 UPGRADE VIDEO DETECTION SYSTEM WITH ETHERNET CAPABILITIES, COLOR CAMERAS, AND CABLE USING EXISTING CONDUIT. SEE SHEET D-5 FOR DETAILS.
- 80 UPGRADE EXISTING PEDESTRIAN PUSH BUTTON TO AN AUDIBLE-TACTILE PEDESTRIAN SYSTEM USING EXISTING CONDUIT AND CABLE.
- 91 UPGRADE SIDEWALK RAMP PER CCUSD NO 235
- 92 REMOVE AND REPLACE SIDEWALK PANEL FOR THE WET INSTALLATION OF THE TACTILE WARNING STRIP PER CCUSD NO 235 (4 OF 4).



SAFETY ALERT
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F.A.S.T.

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1-702-432-7544

REVISIONS		APPENDIX NO. 1		NO. DATE:		DESCRIPTION		APP'D	
1	1/7/13	2	3/9/14	3	7/24/14				
PULLBOX AND CONDUIT CHANGES		BASED IN FIELD VERIFICATION		NDOT PERMIT AMENDMENT					
DEPARTMENT OF PUBLIC WORKS ENGINEERING DESIGN SECTION CITY ENGINEER: DAVID N. BOWERS, P.E., P.T.O.E. PROJECT MANAGER: LORRAINE LINNET DUNFORD, P.E. DESIGNED BY: JWS DRAWN BY: JS CHECKED BY: RM HORIZONTAL SCALE: AS SHOWN VERTICAL SCALE: NONE DATE: 2013-04-02									
CLV ITS INFRASTRUCTURE - CORRIDOR 2 RANCHO DRIVE TRAFFIC SIGNAL INTERCONNECT INFRASTRUCTURE UPGRADE PLAN STA 467+00 TO STA 487+00									
SHEET: IP-23 26 of 42 DRAWING NO. 107V4475-FIB									

CLV BID NO. 11/730.20