

MATCHLINE STA 197+00 SEE BELOW RIGHT

MATCHLINE STA 207+00 SEE SHEET IP-10



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TRANSPORTATION ENGINEERS and PLANNERS
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REMOVAL NOTES

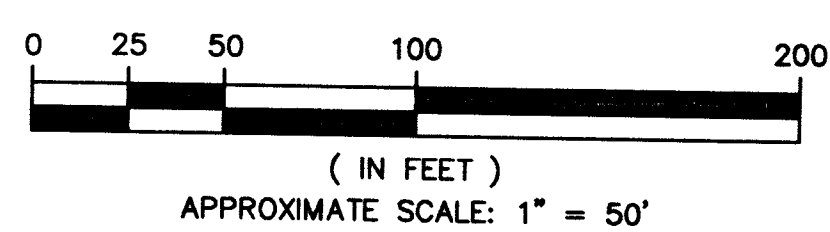
- 12 REMOVE EXISTING NDOT #7 PULLBOX AND JOIN CONDUIT TO MAKE CONTINUOUS
- 13 REMOVE AND SALVAGE CONTROLLER CABINET

CONSTRUCTION NOTES

- 1 VERIFY PATH, REMOVE EXISTING INTERCONNECT CABLE, CLEAN OUT AND RECONDITION EXISTING CONDUIT TO ACCOMMODATE FIBER OPTIC CABLE PER SP623.05
- 7 EXISTING #7 PULLBOX
- 8 EXISTING TYPE 200 SPLICE VAULT
- 10 EXISTING NDOT #7 PULLBOX
- 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 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).
- 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
- 33 INSTALL 2" CONDUIT IN COMMON TRENCH AS REFERENCED IN NOTE 34
- 34 INSTALL 4" CONDUIT IN TRANSVERSE TRENCH PER DETAIL A SHEET D-2
- 42 EXISTING 3" CONDUIT
- 43 EXISTING 4" CONDUIT
- 70 PROTECT IN PLACE EXISTING 2" CONDUIT AND 25 PAIR INTERCONNECT CABLE
- 72 INSTALL CDCA ITS DROP CABLE GP2G012FR-60 AND 6 PAIR PE39 NO 22 AWG TRACER IN CONDUIT
- 73 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
- 74 THE CONTRACTOR SHALL FURNISH NEW NAZTEC 980 ATC TS2 TYPE 2 NTCIP 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.
- 90 UPGRADE EXISTING PEDESTRIAN PUSH BUTTON TO AN AUDIBLE-TACTILE PEDESTRIAN SYSTEM USING EXISTING CONDUIT AND CABLE.

CALL SOUTHWEST GAS AT 651-2111 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES.

APPROVED FOR CONSTRUCTION
Las Vegas Valley Water District Engineering Services Manager
Project No. 111464 Date: _____

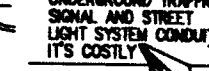


SAFETY ALERT



Before You Overhead
1-702-227-2929

Call before you Dig



before you UnderGround
1-702-432-5300

Call 811



before you UnderGround
1-800-271-2800

DEPARTMENT OF PUBLIC WORKS

CLV ITS INFRASTRUCTURE - CORRIDOR 2

RANCHO DRIVE

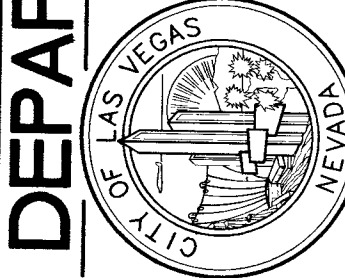
ENGINEERING DESIGN SECTION

TRAFFIC SIGNAL INTERCONNECT INFRASTRUCTURE

UPGRADE PLAN STA 187+00 TO STA 207+00

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DRAWING NO. 107V4475-FIB



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

NO. DATE: DESCRIPTION: APP'D

REVISIONS

1 11/2/13 ADDENDUM NO. 1

2 3/09/14 PULLBOX AND CONDUIT CHANGES

3 7/24/14 BASED IN FIELD VERIFICATION

4 7/24/14 NDOT PERMIT AMENDMENT

5 7/24/14 NDOT PERMIT AMENDMENT

*STATIONS SHOWN ARE FOR REFERENCE ONLY

CLV BID NO. 111730-20