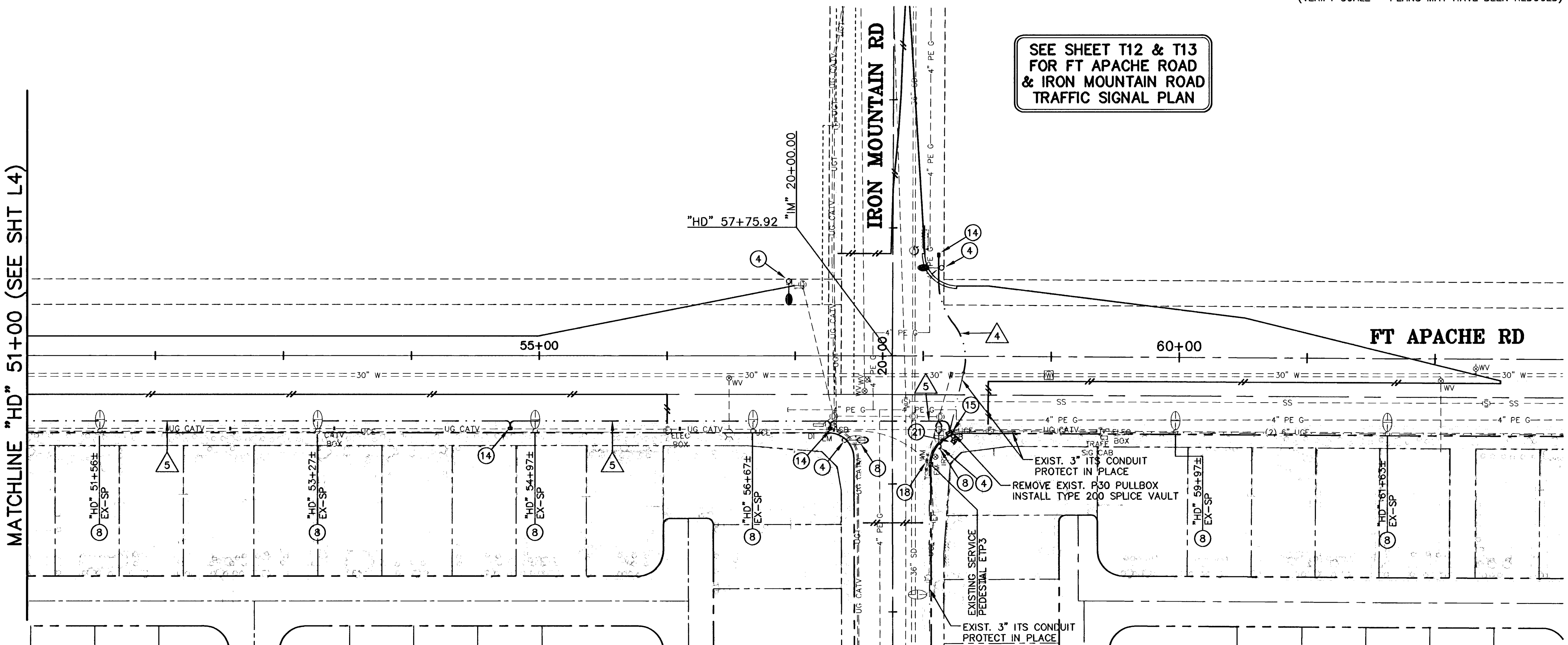


SEE SHEET T12 & T13
FOR FT APACHE ROAD
& IRON MOUNTAIN ROAD
TRAFFIC SIGNAL PLAN



MATCHLINE "HD" 51+00 (SEE SHT L4)

STREET LIGHTING & ITS LEGEND

- ① INSTALL STREET LIGHT POLE & FOUNDATION WITH 250w LUMINAIRE PER USDOCA STD. DWG. NO. 314.
- ①A INSTALL STREET LIGHT POLE & FOUNDATION WITH 250w LUMINAIRE (15' ARM) PER USDOCA STD. DWG. NO. 316.
- ①B RELOCATE STREET LIGHT TO NEW FOUNDATION PER USDOCA STD. DWG. NO. 319.
- ①C RELOCATE STREET LIGHT (15' ARM) TO NEW FOUNDATION PER USDOCA STD. DWG. NO. 319.
- ② INSTALL STREET LIGHT POLE & FOUNDATION WITH 400w LUMINAIRE PER USDOCA STD. DWG. NO. 314.
- ②A INSTALL STREET LIGHT POLE & FOUNDATION WITH 2-400w LUMINAIRE PER USDOCA STD. DWG. NO. 315.
- ③ INSTALL STREET LIGHT POLE & FOUNDATION WITH 150w LUMINAIRE PER USDOCA STD. DWG. NO. 314.
- ④ SEE TRAFFIC SIGNAL PLANS FOR INSTALLATION OF INTERSECTION LUMINAIRE.
- ⑤ INSTALL NDOT TYPE "A" UNDERPASS LUMINAIRE WITH 150w LUMINAIRE PER NDOT STD. DWG. T-30.1.19.
- ⑤A INSTALL NDOT SIGN STRUCTURE LIGHTING FIXTURE WITH 150w LUMINAIRE PER NDOT STD. DWG. T-30.1.16.1. (SEE SIGNING PLANS FOR ADDITIONAL DETAILS)
- ⑥ INSTALL 100' TALL HIGHMAST LIGHT WITH 4-400w LUMINAIRE PER NDOT STD. DWG. T-30.1.11.
- ⑦ INSTALL 120' TALL HIGHMAST LIGHT WITH 6-400w LUMINAIRE PER NDOT STD. DWG. T-30.1.11.
- ⑧ EXISTING STREET LIGHT POLE, FOUNDATION & LUMINAIRE TO REMAIN.
- ⑨ REMOVE EXISTING STREET LIGHT POLE, FOUNDATION & LUMINAIRE. RETURN TO CITY OF LAS VEGAS.
- ⑩ INSTALL No. 3 1/2 PULLBOX PER USDOCA STD. DWG. NO. 404.110. (MARK "STREET LIGHT").
- ⑪ INSTALL No. 5 PULLBOX PER USDOCA STD. DWG. NO. 404.120. (MARK "STREET LIGHT").
- ⑫ INSTALL No. 7 PULLBOX PER USDOCA STD. DWG. NO. 404.130. (MARK "STREET LIGHT").
- ⑬ INSTALL TYPE 1 JUNCTION BOX, INTERGRATED INTO BARRIER RAIL. PER NDOT STD. DWG. T-30.1.20 (MARK "STREET LIGHT").
- ⑭ INSTALL P30 PULLBOX PER USDOCA STD. DWG. NO. 404.132, WITH COMPOSITE H20 LOADING RATED LID AT 750' MAXIMUM SPACING. (MARK "FIBER OPTIC").
- ⑮ INSTALL TYPE 200 SPLICE VAULT PER USDOCA STD. DWG. NO. 404.133. (MARK "FIBER OPTIC").
- ⑯ EXISTING No. 3 1/2 PULLBOX. PROTECT IN PLACE.
- ⑰ EXISTING No. 5 PULLBOX. PROTECT IN PLACE.
- ⑱ EXISTING No. 7 PULLBOX. PROTECT IN PLACE.
- ⑲ EXISTING P30 PULLBOX. PROTECT IN PLACE.
- ⑳ INSTALL SERVICE PEDESTAL PER USDOCA STD. DWG. NO. 404.214.
- ㉑ INSTALL TRAFFIC SIGNAL CONTROLLER CABINET. SEE TRAFFIC SIGNAL PLANS.
- ㉒ INTERCEPT EXISTING ITS CONDUIT AND INSTALL P30 PULLBOX. SEE NOTE 4. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF CONDUIT IN THE FIELD.
- ㉓ SEE ONLINE DIAGRAMS ON SHEET L18 FOR CONDUIT AND CONDUCTOR SIZES.
- ㉔ PROPOSED NEVADA POWER TRANSFORMER.
- ㉕ UNDERPASS JUNCTION BOX PER NDOT STD. DWG. T-30.1.19
- ㉖ INSTALL TRAFFIC CONTROL TEMPORARY IMPACT ATTENUATORS PER NDOT STD. DWG. T-35.2.1 (75mph DESIGN SPEED)

LIGHTING NOTES:

- 1. ALL WORK TO BE DONE IN ACCORDANCE TO THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA AS ADOPTED BY THE CITY OF LAS VEGAS.
- 2. ALL STREET LIGHTING WIRE SHALL BE COPPER WITH THW INSULATION.
- 3. ALL PULLBOXES ARE NO. 3-1/2 UNLESS NOTED OTHERWISE.
- 4. FIELD VERIFY EXISTING UNDERGROUND CONDUIT AND PULLBOXES, UTILIZE EXISTING CONDUIT WHERE POSSIBLE AND INSTALL NEW CONDUIT AS REQUIRED PER PLANS.

WIRING AND CONDUIT LEGEND

- ① INSTALL 2" CONDUIT WITH: (2) #4 & (1) #6 GROUND.
- ② INSTALL 2" CONDUIT WITH: #8 GREEN WIRE.
- ③ INSTALL 2" CONDUIT WITH: (2) #4 & (1) #6 GROUND. TAPE BOTH ENDS FOR FUTURE RE-CIRCUITING.
- ④ INSTALL 4" ITS CONDUIT WITH: 6 PAIR PE39 #22 AWG TRACER & TRUE TAPE OR APPROVED EQUAL PULL STRING.
- ⑤ INSTALL 4" ITS CONDUIT WITH: 72 STRAND FIBER OPTIC CABLE & 6 PAIR PE39 #22 AWG TRACER
- ⑥ INSTALL 4" ITS CONDUIT WITH: COMMUNICATIONS DISTRIBUTION CABLE ASSEMBLY (CDCA) & 6 PAIR PE39 #22 AWG TRACER
- ⑦ EXISTING 2" CONDUIT, PROTECT IN PLACE.
- ⑧ EXISTING 4" ITS CONDUIT PULL 72 STRAND FIBER OPTIC CABLE & 6 PAIR PE39 #22 AWG TRACER
- ⑨ EXISTING 4" ITS CONDUIT PROTECT IN PLACE.
- ⑩ INSTALL 3" CONDUIT WITH: (8) #4 & (4) #6 GROUND.
- ⑪ INSTALL 3" CONDUIT WITH: (4) #4 & (2) #6 GROUND.
- ⑫ INSTALL (1) 3" & (4) 1 1/2" ITS CONDUITS WITH: #8 GREEN WIRE & TRUE TAPE OR APPROVED EQUAL PULL STRING. ITS CONDUITS SHALL BE THE FOLLOWING COLORS:
(1) 3" CONDUIT-GREY
(1) 1 1/2" CONDUIT-ORANGE
(1) 1 1/2" CONDUIT-BLUE
(1) 1 1/2" CONDUIT-WHITE
(1) 1 1/2" CONDUIT-BLACK

PUBLIC WORKS DEPARTMENT	CITY OF LAS VEGAS, NV	LIGHTING & ITS PLAN	HORSE DRIVE / US 95 INTERCHANGE	REVISION
400 E. STEWART AVE LAS VEGAS, NV 89101 702-229-6272	2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148 PH. (702) 672-7559 FAX (702) 362-2567	"HD" 51+00 TO "HD" 63+00	"HD" 63+00 TO "HD" 75+00	DATE
DRAWN BY: WBN	DESIGNED BY: YN / TJK	CHECKED BY: RSH / AB	PROJECT NO: 5500	SCALE: 1"=50' HORIZ. N/A VERT.
06/20/2008	06/20/2008	06/20/2008	7-21-08	SHEET L5
		226 OF 453 SHEETS		DRAWING NO. 107V3759

AVOID OVERHEAD POWER LINE CONTACT IT'S COSTLY

Call before you Dig Avoid hitting underground utility lines. It's costly.

Call 811

1-800-227-2929 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

1-800-227-2800 OR CALL YOUR LOCAL OFFICE 1-702-455-7544

ELECTRICAL ONLY

NEVADA STATE ENGINEER

ROBERT C. HOSEA III

EXP. 06/30/08

No. 10112

7-21-08

SHEET L5

226 OF 453 SHEETS

DRAWING NO. 107V3759

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