



STREETS LIGHTING & ITS LEGEND

- 1 INSTALL STREET LIGHT POLE & FOUNDATION WITH 250w LUMINAIRE PER USDOCA STD. DWG. NO. 314.
- ~~2 INSTALL STREET LIGHT POLE & FOUNDATION WITH 250w LUMINAIRE (15' ARM) PER USDOCA STD. DWG. NO. 318.~~
- 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.
- ~~3 INSTALL STREET LIGHT POLE & FOUNDATION WITH 150w LUMINAIRE PER USDOCA STD. DWG. NO. 314.~~
- ~~4 INSTALL STREET LIGHT POLE & FOUNDATION WITH 150w LUMINAIRE PER USDOCA STD. DWG. NO. 318.~~
- 3 INSTALL STREET LIGHT POLE & FOUNDATION WITH 150w LUMINAIRE PER USDOCA STD. DWG. NO. 314.
- 4 SEE TRAFFIC SIGNAL PLANS FOR INSTALLATION OF INTERSECTION LUMINAIRES.
- 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 LUMINAIRES PER NDOT STD. DWG. T-30.1.11.
- 7 INSTALL 120' TALL HIGHMAST LIGHT WITH 6-400w LUMINAIRES 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, INTEGRATED 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 H2O 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. NO. T-30.1.19
- 26 INSTALL TRAFFIC CONTROL TEMPORARY IMPACT ATTENUATORS PER NDOT STD. DWG. T-35.2.1 (75mph DESIGN SPEED)

MATCHLINE "XN" - "XS" 345+00 (SEE SHT L7)

MATCHLINE "XN" - "XS" 356+00 (SEE SHT L9)

ITS NOTES:

- 1. CONTRACTOR TO INSTALL ITS CONDUITS ADJACENT TO TOE OF ROADWAY EMBANKMENT SLOPE.

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

- 1A INSTALL 3" CONDUIT WITH: (2) #4 & (1) #6 GROUND.
- 2A INSTALL 3" 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

SEE SHEET L14 FOR LIGHTING & ITS INFORMATION ON SKY POINTE DRIVE

AVOID OVERHEAD POWER LINE CONTACT IT'S COSTLY

Call before you Overhead

NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

1-702-227-2929

Call before you Dig Avoid cutting underground using lines. It's costly.

Call 811

OR 1-800-227-2600 CLARK COUNTY TRAPEZOID OPERATIONS 1-702-456-7544

ELECTRICAL ONLY

<p>PUBLIC WORKS DEPARTMENT</p> <p>400 E. STEWART AVE. LAS VEGAS, NV 89101 702-229-6272</p>	<p>CITY OF LAS VEGAS, NV</p> <p>277 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5146 PH: (702) 877-7500 FAX: (702) 362-2587</p>	<p>nvdm</p> <p>NEVADA CONSULTING ENGINEERS & PLANNERS • JACO SIMPSON</p>	<p>REVISION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY			
NO.	DATE	BY							
<p>LIGHTING & ITS PLAN</p> <p>"XN-XS" 345+00 TO "XN-XS" 356+00</p>		<p>HORSE DRIVE / US 95 INTERCHANGE</p>							
DRAWN BY: MEM	DESIGNED BY: VJA / LK	CHECKED BY: RCH / AB	PROJECT NO: 6500						
DATE: 06/20/2008	DATE: 06/20/2008	DATE: 06/20/2008	SCALE: 1"=50'						
<p style="font-size: small;">PROFESSOR OF CIVIL ENGINEERING</p> <p style="font-size: x-large; font-weight: bold;">ROBERT HOSEA III</p> <p style="font-size: small;">EXP. 06/30/08</p> <p style="font-size: small;">CIVIL</p> <p style="font-size: x-large; font-weight: bold;">L18</p> <p style="font-size: small;">No. 1012</p> <p style="font-size: small;">SHEET</p> <p style="font-size: small;">229 OF 453 SHEETS</p> <p style="font-size: small;">DRAWING NO.</p> <p style="font-size: x-large; font-weight: bold;">107V3759</p>									

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