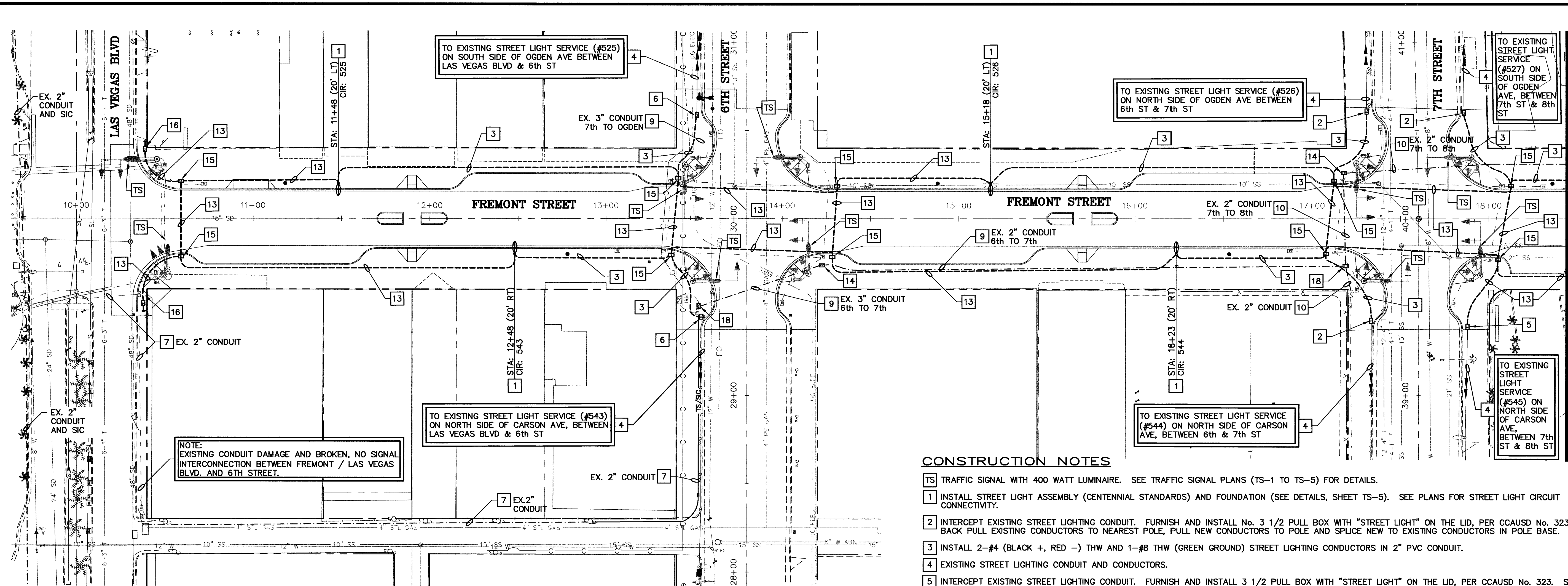
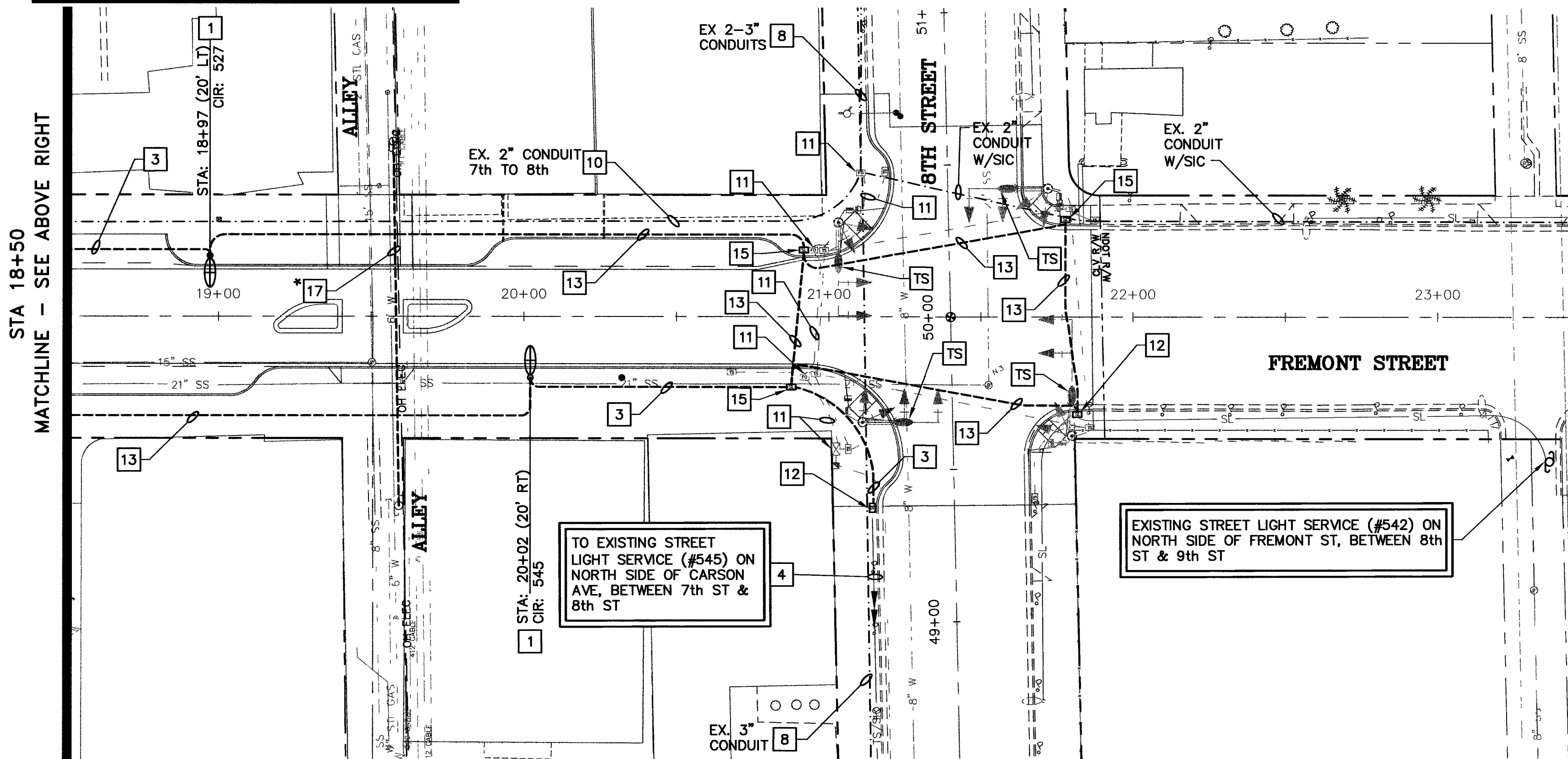


Oct 12, 2006 - 9:01am - USER: marie garcia
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* COORDINATE WITH AGENCIES PRIOR TO TRENCHING, INSTALLATION AND BACK FILLING.



CONSTRUCTION NOTES

- TS TRAFFIC SIGNAL WITH 400 WATT LUMINAIRE. SEE TRAFFIC SIGNAL PLANS (TS-1 TO TS-5) FOR DETAILS.
- 1 INSTALL STREET LIGHT ASSEMBLY (CENTENNIAL STANDARDS) AND FOUNDATION (SEE DETAILS, SHEET TS-5). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- 2 INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL NO. 3 1/2 PULL BOX WITH "STREET LIGHT" ON THE LID, PER CCAUSD No. 323. BACK PULL EXISTING CONDUCTORS TO NEAREST POLE, PULL NEW CONDUCTORS TO POLE AND SPLICE NEW TO EXISTING CONDUCTORS IN POLE BASE.
- 3 INSTALL 2-#4 (BLACK +, RED -) THW AND 1-#8 THW (GREEN GROUND) STREET LIGHTING CONDUCTORS IN 2" PVC CONDUIT.
- 4 EXISTING STREET LIGHTING CONDUIT AND CONDUCTORS.
- 5 INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL 3 1/2 PULL BOX WITH "STREET LIGHT" ON THE LID, PER CCAUSD No. 323. SPLICE EXISTING LIGHTING CIRCUIT CONDUCTORS FROM SOUTH TO COMPLETE EXISTING CIRCUIT FORM STREET LIGHT SERVICE #545.
- 6 REMOVE AND REPLACE EXISTING STREET LIGHTING PULL BOX WITH NO. 3 1/2 PULL BOX WITH "STREET LIGHT" ON THE LID, PER CCAUSD No. 323. BACK PULL EXISTING CONDUCTORS TO NEAREST POLE, PULL NEW CONDUCTORS TO POLE AND SPLICE NEW TO EXISTING CONDUCTORS IN POLE BASE.
- 7 EXISTING SIGNAL INTERCONNECT CABLE (SIC) NOT USED, PROTECT-IN-PLACE.
- 8 EXISTING 36 STRAND FIBER OPTIC CABLE, PROTECT IN PLACE.
- 9 REMOVE EXISTING SIC AND REPLACE WITH NEW 25 PAIR SIC BETWEEN CONTROLLERS, SEE SHEET TS-2.
- 10 BACK PULL EXISTING SIC FROM EXISTING CONTROLLER AT FREMONT/7TH AND CONNECT TO NEW CONTROLLER AT FREMONT/8TH. INSTALL NEW 25 PAIR SIGNAL INTERCONNECT CABLE BETWEEN CONTROLLERS.
- 11 SEE INTERSECTION TRAFFIC SIGNAL MODIFICATION PLANS FOR SIC, CONDUIT, PULL BOX AND FOR MORE DETAIL AT THIS INTERSECTION.
- 12 REMOVE EXISTING STREET LIGHT POLE AND FOUNDATION PER DEMOLITION PLANS (THIS SET). PROVIDE AND INSTALL 3 1/2 PULL BOX, SPLICE EXISTING LIGHTING CIRCUIT CONDUCTORS TO MAINTAIN EXISTING LIGHTING CIRCUIT.
- 13 FURNISH AND INSTALL 2" PVC CONDUITS WITH 1-#8 TRACER WIRE AND PULL ROPE FOR STREET LIGHTING.
- 14 REMOVE AND REPLACE EXISTING PULL BOX WITH P30 PULL BOX MARKED "FIBER OPTIC" PER CCAUSD No. 404.132.
- 15 FURNISH AND INSTALL 3 1/2 PULL BOX WITH "STREET LIGHT" ON THE LID, PER CCAUSD No. 323.
- 16 FURNISH AND INSTALL 3 1/2 PULL BOX WITH "STREET LIGHT" ON THE LID, PER CCAUSD No. 323 AND 4" CAPPED CONDUIT STUB OUT FOR FUTURE USE.
- 17 FURNISH AND INSTALL 4-4" PVC CONDUITS WITH #8 TRACER WIRE AND PULL ROPE FOR FUTURE NEVADA POWER, SPRINT AND COX UTILITIES.
- 18 REMOVE AND REPLACE EXISTING PULL BOX, WITH TYPE 200 PULL BOX MARKED "FIBER OPTIC" PER CCAUSD No. 404.133 AND 404.140.

GENERAL NOTES

1. ALL UNDERGROUND CONDUIT INSTALLED SHALL HAVE RED, CONTINUOUS MARKING TAPE INSTALLED IN THE TRENCH AT 12" BELOW FINISHED GRADE.
2. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
3. ALL PULL BOX COVERS SHALL BE BONDED PER CCAUSD No. 323.
4. CONTRACTOR SHALL INSTALL ALL CONDUITS (INCLUDING TRAFFIC SIGNAL, STREET LIGHTING, AND INTERCONNECT) IN THE SAME TRENCH WHENEVER POSSIBLE. SEE OTHER PLAN SHEETS (TRAFFIC SIGNAL, IRRIGATION, ETC.) FOR CONDUIT LOCATIONS.
5. CONTRACTOR SHALL COVER AND OR CAP ALL CONDUIT ENDS IN THE PULL BOXES.
6. CONDUIT ROUTING AND PULL BOX LOCATIONS ARE SHOWN SCHEMATICALLY ON THE PLANS AND MAY VARY IN THE FIELD.
7. CONTRACTOR TO INSTALL STREETLIGHT AND MEDIAN SIGNAGE CONDUIT IN TRENCH PER CCAUSD No. 501.
8. CONTRACTOR TO COORDINATE AND FIT PULL BOXES INTO SIDEWALK JOINTS AND SCORING PATTERN. SEE LH-1 THROUGH LH-5 FOR SIDEWALK SCORING PATTERN.

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600

GRAPHIC SCALE
(IN FEET)

SAFETY ALERT
Call Before You Overhead
1-702-455-7511
1-702-227-2929

Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS AND SIGNALING
1-702-227-2929
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

MATCHLINE - SEE BELOW LEFT
STA 18+50

REVISIONS		DATE

SCALE (H): N/A	SCALE (V): N/A	DATE: MARCH, 2006
DRAWN BY: TEA	DESIGNED BY: TEA/RP	CHECKED BY: KIMLEY-HORN
Kimley-Horn and Associates, Inc. Engineering, Planning, and Environmental Consultants 1050 E. Flamingo Road, Suite S210, Las Vegas, NV, 89119 Ph. (702) 734-5666 Fax (702) 734-5666		

CLARK COUNTY, NEVADA

DEPARTMENT OF PUBLIC WORKS

PROJECT: FREMONT STREET PEDESTRIAN IMPROVEMENTS LAS VEGAS BLVD. - 8TH ST.

SHEET: SIGNAL INTERCONNECT AND STREET LIGHTING PLAN

ENGINEER - CIVIL
KHALIL A. AMRIKANI
Exp. 12-31-06
No. 14366
107V45681

FREMONT STREET FINAL DESIGN

STP-07700091