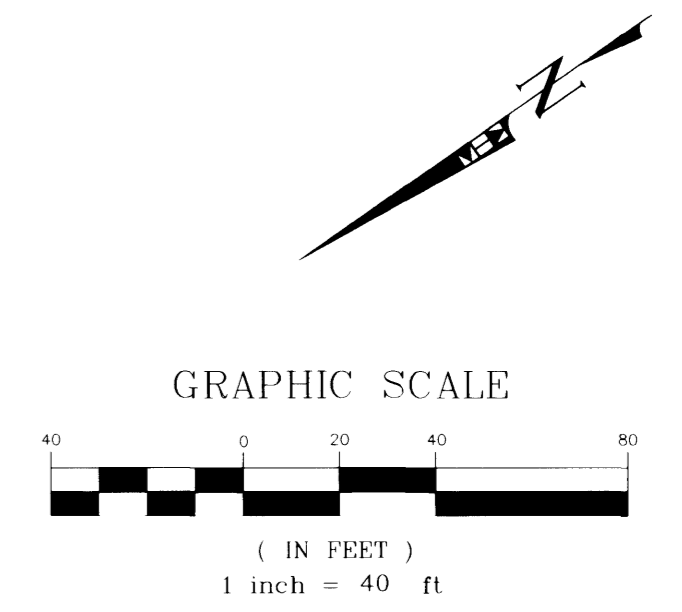
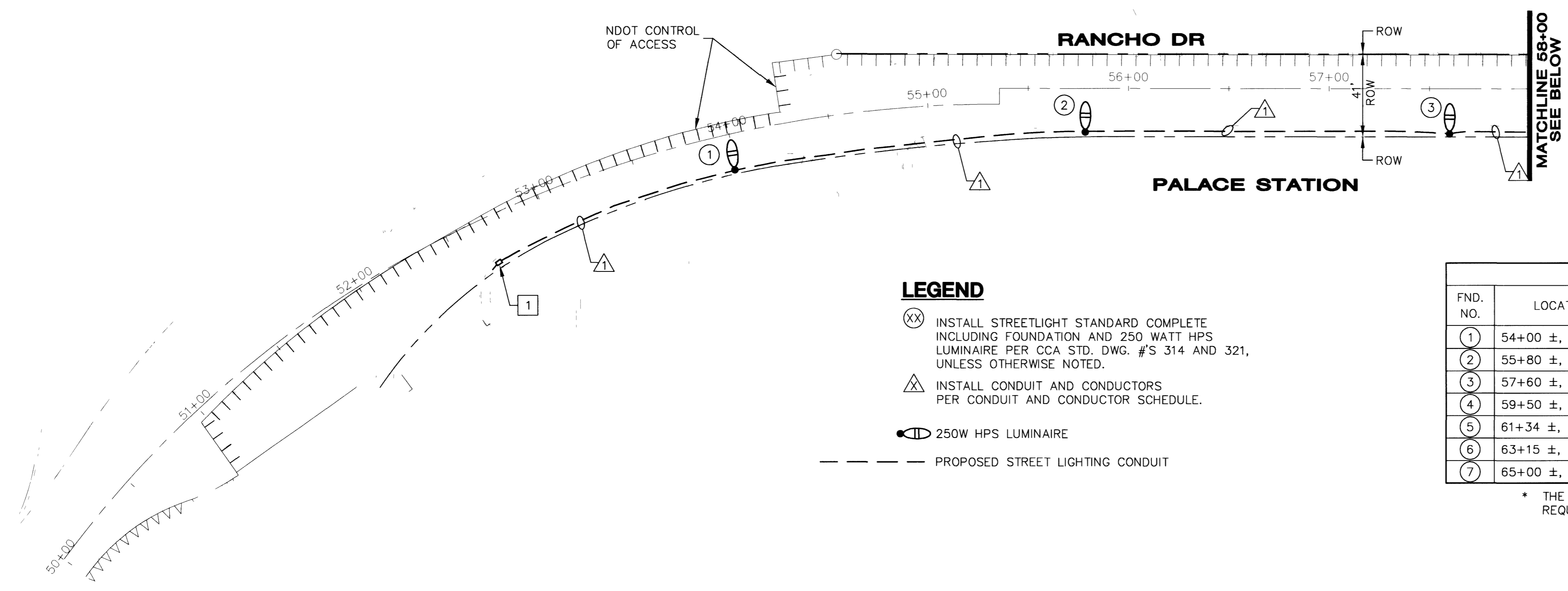


QUANTITY SUMMARY			
SHEET SL-1			
ITEM	DESCRIPTION	UNIT	QUANTITY
623.00.01	STREET LIGHT STANDARD	EA	6
623.00.02	No. 3 1/2 PULL BOX	EA	1
623.00.03	No. 5 PULL BOX	EA	2
623.00.04	2" CONDUIT	LF	1,635



**INTERSTATE 15**



- LEGEND**
- (XX) INSTALL STREETLIGHT STANDARD COMPLETE INCLUDING FOUNDATION AND 250 WATT HPS LUMINAIRE PER CCA STD. DWG. #S 314 AND 321, UNLESS OTHERWISE NOTED.
  - △ INSTALL CONDUIT AND CONDUCTORS PER CONDUIT AND CONDUCTOR SCHEDULE.
  - 250W HPS LUMINAIRE
  - PROPOSED STREET LIGHTING CONDUIT

CIRCUIT SCHEDULE					
CONDUCTOR TYPE	FUNCTION	△1	△2	△3	△4
#8 AWG	NEUTRAL (GREEN)	1	1	1	2
#4 AWG	STREET LIGHTING	2	2	2	4
#10 AWG	PHOTO ELECTRIC UNIT	-	3	-	3
PULL ROPE	-	1	1	1	1
CONDUIT # AND SIZE		2"	2"	2"	2"*

\* - CONDUIT FOR TEDDY DRIVE PROJECT TRAFFIC SIGNAL SERVICE.

FOUNDATION AND POLE SCHEDULE						
FND. NO.	LOCATION	CIRCUIT*	MTG HEIGHT	LUMIN ARM	LIGHT FIXTURE	NOTES
1	54+00 ±, RT	D	31'-0"	8'-0"	250W HPS	INSTALL FOUNDATION, STREETLIGHT, MAST ARM, AND FIXTURE ASSEMBLY 4
2	55+80 ±, RT	D	31'-0"	8'-0"	250W HPS	INSTALL FOUNDATION, STREETLIGHT, MAST ARM, AND FIXTURE ASSEMBLY 4
3	57+60 ±, RT	D	31'-0"	8'-0"	250W HPS	INSTALL FOUNDATION, STREETLIGHT, MAST ARM, AND FIXTURE ASSEMBLY 4
4	59+50 ±, RT	D	31'-0"	8'-0"	250W HPS	INSTALL FOUNDATION, STREETLIGHT, MAST ARM, AND FIXTURE ASSEMBLY 4
5	61+34 ±, RT	D	31'-0"	8'-0"	250W HPS	INSTALL FOUNDATION, STREETLIGHT, MAST ARM, AND FIXTURE ASSEMBLY 4 5
6	63+15 ±, RT	D	31'-0"	8'-0"	250W HPS	INSTALL FOUNDATION, STREETLIGHT, MAST ARM, AND FIXTURE ASSEMBLY 4
7	65+00 ±, RT	D	31'-0"	8'-0"	250W HPS	INSTALL FOUNDATION, STREETLIGHT, MAST ARM, AND FIXTURE ASSEMBLY 4

\* THE CONTRACTOR SHALL CONTACT THE CITY OF LAS VEGAS ELECTRICAL SHOP FOR ANY CIRCUIT CHANGES THAT MAY BE REQUIRED AT THE TIME OF CONSTRUCTION

EXISTING SERVICE PEDESTAL TO REMAIN. COORDINATE WITH TEDDY DRIVE IMPROVEMENT PROJECT.

**CONSTRUCTION NOTES**

- 1 INSTALL NEW No. 3 1/2 PULL BOX. INSTALL 2" CONDUIT STUB-OUT (CAPPED).
- 2 EXISTING SERVICE PEDESTAL - 120/240V, 3W, 200A 2P MAIN CKT BKR, (1) 60A 1P CONTROLLER CKT BKR, (1) 40A 1P INTERSECTION LIGHTING CKT BKR. ADD TO EXISTING CABINET: (1) 60A 2P STREET LIGHTING CKT BKR, (1) 2P CONTACTORS, 1 BY-PASS SWITCH PER CONTACTOR AND (1) 15A 1P PHOTOELECTRIC CKT BKR. NEW EQUIPMENT SHALL BE FOR STREET LIGHTING CIRCUIT "D". ALL TRAFFIC SIGNAL SERVICE EQUIPMENT SHALL REMAIN.
- 3 THE CONTRACTOR SHALL COORDINATE CONDUIT INSTALLATION WITH THE TEDDY DRIVE IMPROVEMENT PROJECT. IF THE PROJECT IS NOT UNDER CONSTRUCTION DURING THIS PROJECT CONSTRUCTION, THE CONTRACTOR SHALL INSTALL 3 1/2 PULL BOXES FOR STREET LIGHTING AND TRAFFIC SIGNAL SERVICE AT THE PROJECT LIMITS. EACH PULL BOX SHALL HAVE A 3" CAPPED CONDUIT STUB OUT FOR FUTURE CONNECTION WITH THE TEDDY DRIVE IMPROVEMENT PROJECT. IF THE TEDDY DRIVE PROJECT IS COMPLETE, THEN THE CONTRACTOR SHALL CONNECT TO STUBBED OUT CONDUITS AND INSTALL CONDUCTORS FOR STREET LIGHTING.
- 4 CITY OF LAS VEGAS WILL SUPPLY POLES, ARMS, AND LUMINAIRES. CONTRACTOR SHALL PERFORM ALL WORK AND SUPPLY ALL OTHER MATERIALS REQUIRED TO INSTALL OPERATIONAL STREET LIGHTS
- 5 INSTALL PHOTO ELECTRIC UNIT ON POLE 5
- 6 INSTALL STREET LIGHTING AND TRAFFIC SIGNAL SERVICE CONDUIT IN THE SAME TRENCH.
- 7 INSTALL 3 1/2 PULL BOX IN TRAFFIC SIGNAL CONDUIT.
- 8 INTERCEPT EXISTING SIGNAL CONTROLLER SERVICE CONDUIT, INSTALL No. 5 PULL BOX AND NEW SIGNAL CONTROLLER SERVICE CONDUIT.
- 9 INTERCEPT EXISTING CONDUIT STUB OUT FOR STREET LIGHTING AND INSTALL No. 5 PULL BOX AND STREET LIGHTING CONDUITS.

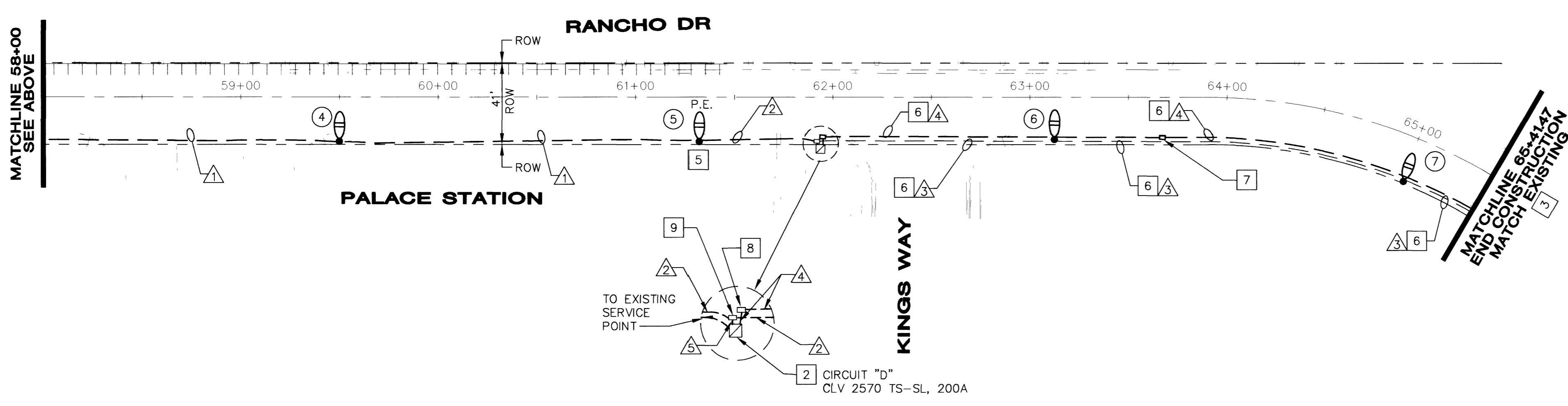
**NOTE**  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY INTERCONNECT CONDUIT DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE LVACTS MANAGER AND THE CITY OF LAS VEGAS SAFETY ENGINEER.

**SAFETY ALERT**  
Avoid cutting underground utility lines. It's costly.

**Call Before you Overhead**  
1-800-227-2600

**Call before you Dig**  
1-800-227-2600

**INTERSTATE 15**



DATE: \_\_\_\_\_

REVISIONS: \_\_\_\_\_

SCALE: NONE DATE: 03/01/01

DESIGN BY: R. FREEMAN

**Kimley-Horn and Associates, Inc.**  
Engineering, Planning, and Environmental Consultants

CITY OF LAS VEGAS

**DEPARTMENT OF PUBLIC WORKS**

PROJECT: RANCHO DRIVE PALACE STATION TO TEDDY DRIVE

SHEET: STREET LIGHTING PLAN RANCHO DRIVE 51+69.63 THRU 65+41.67

PROFESSIONAL ENGINEER-STATE OF NEVADA  
CARSON P. TURNER  
CIVIL  
No. 11759

DRAWING NO: SL-1

11

107-V3389