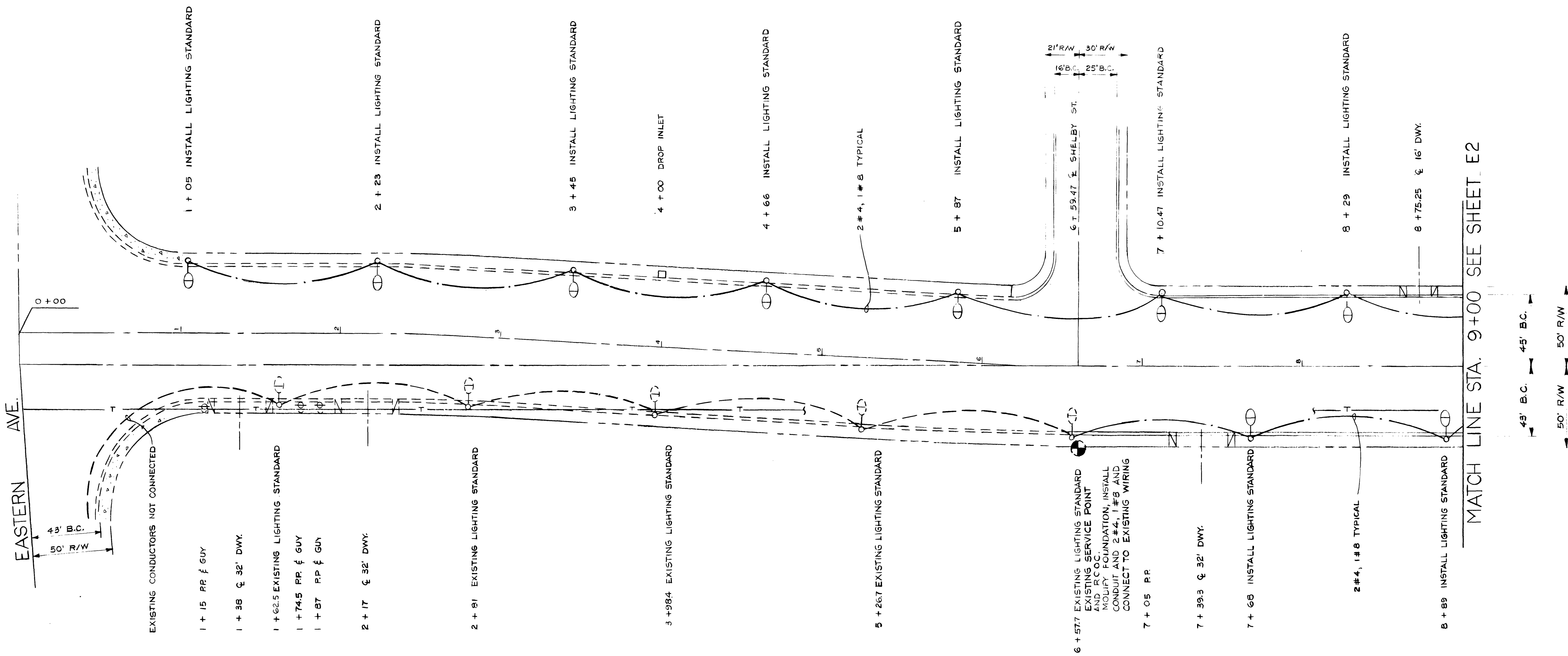


24209

16-6-83



LEGEND

- | | | | |
|--|--|--|--|
| | EXISTING SERVICE POINT | | NEW PEDESTAL SERVICE |
| | EXISTING LIGHTING STANDARD WITH 250W HPS LUMINAIRE | | NEW LIGHTING STANDARD AND 250W HPS LUMINAIRE |
| | EXISTING LIGHTING STANDARD WITH 400W MERCURY VAPOR LUMINAIRE | | NEW DOUBLE ARM LIGHTING STANDARD AND TWO 250W HPS LUMINAIRES |
| | EXISTING UNDERGROUND LOW VOLTAGE CONDUIT AND WIRING | | NEW 1 1/4 SCHEDULE 40 PVC CONDUIT AND 2 #4, 1 #8 THW COPPER CONDUCTORS OR AS INDICATED |
| | EXISTING CONDUIT STUB AND CAP | | NEW CONDUIT STUB AND CAP |
| | EXISTING UNDERGROUND SERIES CONDUIT AND WIRING | | N# 3 1/2 CONCRETE PULLBOX WITH METAL COVER |
| | EXISTING AERIAL SERIES WIRING | | |
| | UTILITY POLE | | |
| | DOWN GUY | | |

ELECTRICAL NOTES

1. ALL WIRING SHALL BE COPPER WITH THW INSULATION.
2. ALL CONDUITS SHALL BE 1 1/4 SCHEDULE 40 PVC RATED 75° C OR AS INDICATED.
3. ALL LIGHTING CONDUITS SHALL CONTAIN A N° 8 THW GREEN GROUND CONDUCTOR.
4. EXISTING LIGHTING CIRCUITS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION UNLESS APPROVED BY THE ENGINEER.
5. LIGHTING FEEDERS SHALL BE # 4 THW, INSULATION SHALL BE BLACK OR RED.
6. ALL EQUIPMENT INCLUDING NEW SERVICE PEDESTALS SHALL BE SECURED (LOCKED) BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE.
7. ALL WIRING SPLICES AND / OR TAPS SHALL BE MADE WITH SPLIT BOLT CONNECTORS.
8. ALL DISCONNECTS AND CONNECTIONS TO SERIES STREET LIGHTING CIRCUITS SHALL BE MADE BY C.I.V. FORCES.

BONANZA ROAD LIGHTING PLAN

THIS PLAN AND SPECIFICATIONS ARE TO BE USED IN CONJUNCTION WITH THE PLANS AND SPECIFICATIONS FOR THE BONANZA ROAD LIGHTING PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

	Department of Public Services		Engineering Design Division	
	BONANZA ROAD EASTERN AVE. TO PECOS DR.		ROADWAY LIGHTING	
	Drawing no. 17-2500		E14	
	7-7-80		DEC 01 1981	
Scale (h) 1" = 40'		Scale (v) 1" = 40'	W.A. 2118	Revisions
Fid. bk. no.		Date JULY, 1981	Drawn by NORMA GOMEZ	
Design by M. GOODMAN				
				Date