5-2-85

CONDUIT AND CABLE SCHEDULE

RUN No.	FROM	TO	CONDUIT SIZE	SIGNAL CABLE 10 CON 14AWG	SIGNAL CABLE 20 CON 14AWG	DET. LEADS 2CON 12AWG	LIGHTING CKT LUM 2-10AWG	INTERCONNECT 22AWG PER REA SPEC PE-39	REMARKS
1	PULL BOX	PULL BOX	(E)			1(E)			
2	PULL BOX	PULL BOX				1(N)			
3	PULL BOX	PULL BOX				1(E)			
4	PULL BOX	PULL BOX				1(E)			
5	CONTROLLER	PULL BOX				10(E)			
6	CONTROLLER	POLE "C"			1(E)		1(E)		
7	POLE "C"	PULL BOX		1(E)					
8	PULL BOX	POLE "G"		1(E)					
9	CONTROLLER	PULL BOX			2(E)		2(E)		
10	PULL BOX	PULL BOX				8(E)	2(E)		
11	PULL BOX	PULL BOX			2(E)				
12	PULL BOX	PULL BOX				6(E)	2(E)		
13	SERVICE	CONTROLLER							(E)
14	PULL BOX	POLE "A"		1(E)	1(E)		1(E)		
15	PULL BOX	PULL BOX				5(E)	1(E)		
16	PULL BOX	PULL BOX			1(E)				
17	PULL BOX	POLE "B"		1(E)	1(E)	1(E)	1(E)		
18	PULL BOX	PULL BOX				2(E)			
19	PULL BOX	PULL BOX							

(E) = EXISTING, SEE TRAFFIC SIGNAL SPECIAL NOTE 6

TRAFFIC SIGNAL SPECIAL NOTES:

1 — DETECTOR LOOPS 1, 3A, AND 3B ARE FOUR 6' X 6' LOOPS. SEE C.L.V. STD. DRAWING 404.827.

2 — DETECTORS 6B, 6C, 6D, 8A, 8B, AND 8C ARE 6' X 6' LOOPS. EACH LOOP IS TO HAVE ITS OWN LEAD-IN CABLE. SEE C.L.V. STD. DRAWING 404.825.

3 — DETECTOR 6A CONSISTS OF THREE 6' X 6' LOOPS WIRED IN SERIES WITH FOUR TURNS OF WIRE EACH. SEE C.L.V. STD. DRAWING 404.825.

4 — EXTEND EXISTING CONDUIT RUNS 2, 18, 19, AND 24 TO THEIR NEW RESPECTIVE PULL BOXES.

5 — REMOVE EXISTING STREET NAME SIGN AND REPLACE IT WITH NEW STREET NAME SIGN. SEE C.L.V. STD. DRAWINGS 404.416 AND 404.417 FOR DETAILS.
"SAHARA" POLES B AND C
"DURANGO" POLES A AND D

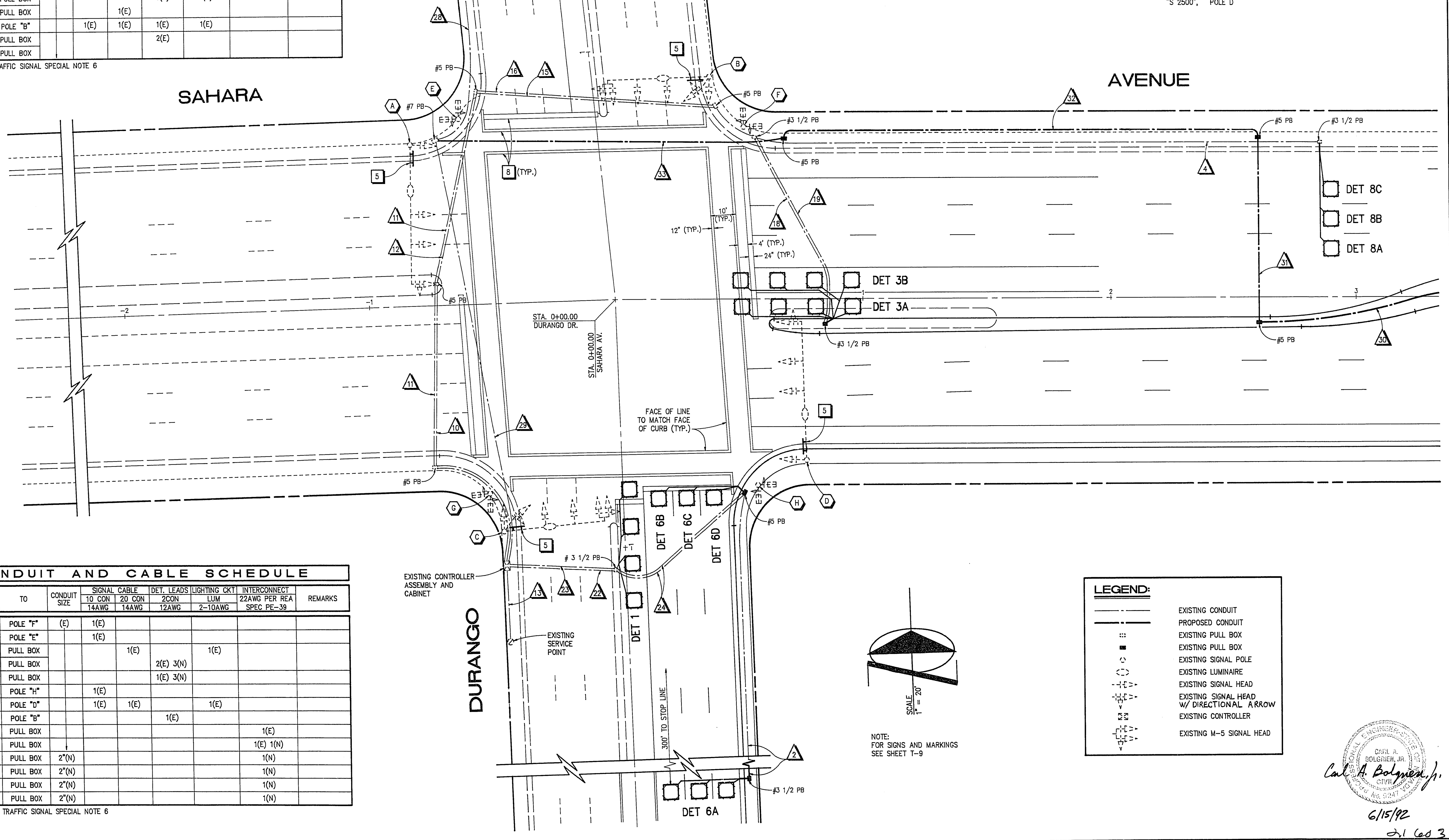
6 — THE LAYOUT OF THE EXISTING AND NEW CONDUIT RUNS IS BASED ON THE AVAILABLE INFORMATION FROM THE CITY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CABLES AND CONDUIT RUNS. THE CONTRACTOR SHALL LIST ALL DISCREPANCIES AND PRESENT THAT LIST TO THE CITY TRAFFIC ENGINEER FOR RESOLUTION PRIOR TO INSTALLING THE NEW CONDUIT AND CABLES.

7 — DETECTOR LOOPS ON THE NORTH AND WEST LEGS OF THIS INTERSECTION SHALL BE REPLACED IF THEY ARE DISTURBED BY THE ROTOMILLING OPERATION.

8 — INSTALL CROSSWALKS AND STOP LINES USING WHITE COLD POLYMER FILM.

9 — REMOVE ONE EXISTING LEAD-IN CABLE SERVING EXISTING EXTENSION DETECTOR ON SOUTH LEG OF INTERSECTION (CONDUIT RUN 2, 24, & 23). REPLACE WITH NEW LONGER LEAD-IN CABLE TO REACH NEW #3 1/2 PULL BOX AT SOUTH END OF CONDUIT RUN 2.

10 — PROVIDE BLOCK NUMBER SIGNS PER C.L.V. STD. DRAWING 404.420 ON THE FOLLOWING POLES:
"S 2400", POLE A
"W 8300", POLE B
"W 8400", POLE C
"S 2500", POLE D



LEGEND:

- EXISTING CONDUIT
- PROPOSED CONDUIT
- EXISTING PULL BOX
- EXISTING PULL BOX
- EXISTING SIGNAL POLE
- EXISTING LUMINAIRE
- EXISTING SIGNAL HEAD
- EXISTING SIGNAL HEAD W/ DIRECTIONAL ARROW
- EXISTING CONTROLLER
- EXISTING M-5 SIGNAL HEAD

CONDUIT AND CABLE SCHEDULE

RUN No.	FROM	TO	CONDUIT SIZE	SIGNAL CABLE 10 CON 14AWG	SIGNAL CABLE 20 CON 14AWG	DET. LEADS 2CON 12AWG	LIGHTING CKT LUM 2-10AWG	INTERCONNECT 22AWG PER REA SPEC PE-39	REMARKS
20	PULL BOX	POLE "F"	(E)	1(E)					
21	PULL BOX	POLE "E"		1(E)					
22	CONTROLLER	PULL BOX			1(E)		1(E)		
23	CONTROLLER	PULL BOX				2(E) 3(N)			
24	PULL BOX	PULL BOX				1(E) 3(N)			
25	PULL BOX	POLE "H"		1(E)					
26	PULL BOX	POLE "D"		1(E)	1(E)		1(E)		
27	PULL BOX	POLE "B"				1(E)			
28	DURANGO	PULL BOX						1(E)	
29	CONTROLLER	PULL BOX						1(E) 1(N)	
30	PULL BOX	PULL BOX	2"(N)					1(N)	
31	PULL BOX	PULL BOX	2"(N)					1(N)	
32	PULL BOX	PULL BOX	2"(N)					1(N)	
33	PULL BOX	PULL BOX	2"(N)					1(N)	

(E) = EXISTING, SEE TRAFFIC SIGNAL SPECIAL NOTE 6
(N) = NEW

Carl A. Bolgrien, Jr. 6/15/92

REVISION	BY	DATE	REV	APRVL

ESI ENGINEERS & SURVEYORS, INC.
7018 W. CHARLESTON BLVD. LAS VEGAS, NEVADA 89117

SUBMITTED BY: 6/23/92

TITLE: TRAFFIC SIGNAL MODIFICATION PLAN SAHARA AVE AND DURANGO DR

PROJECT: SAHARA AVENUE

W.O.#: L1S117
BY: J.K.R. / C.A.B.
DATE: 06/15/92
SCALE: 1" = 20'

C.L.V. DRAWING NO. 107-V-2036 — T-8 40/43

21 of 3

"As Built" 107-V2036