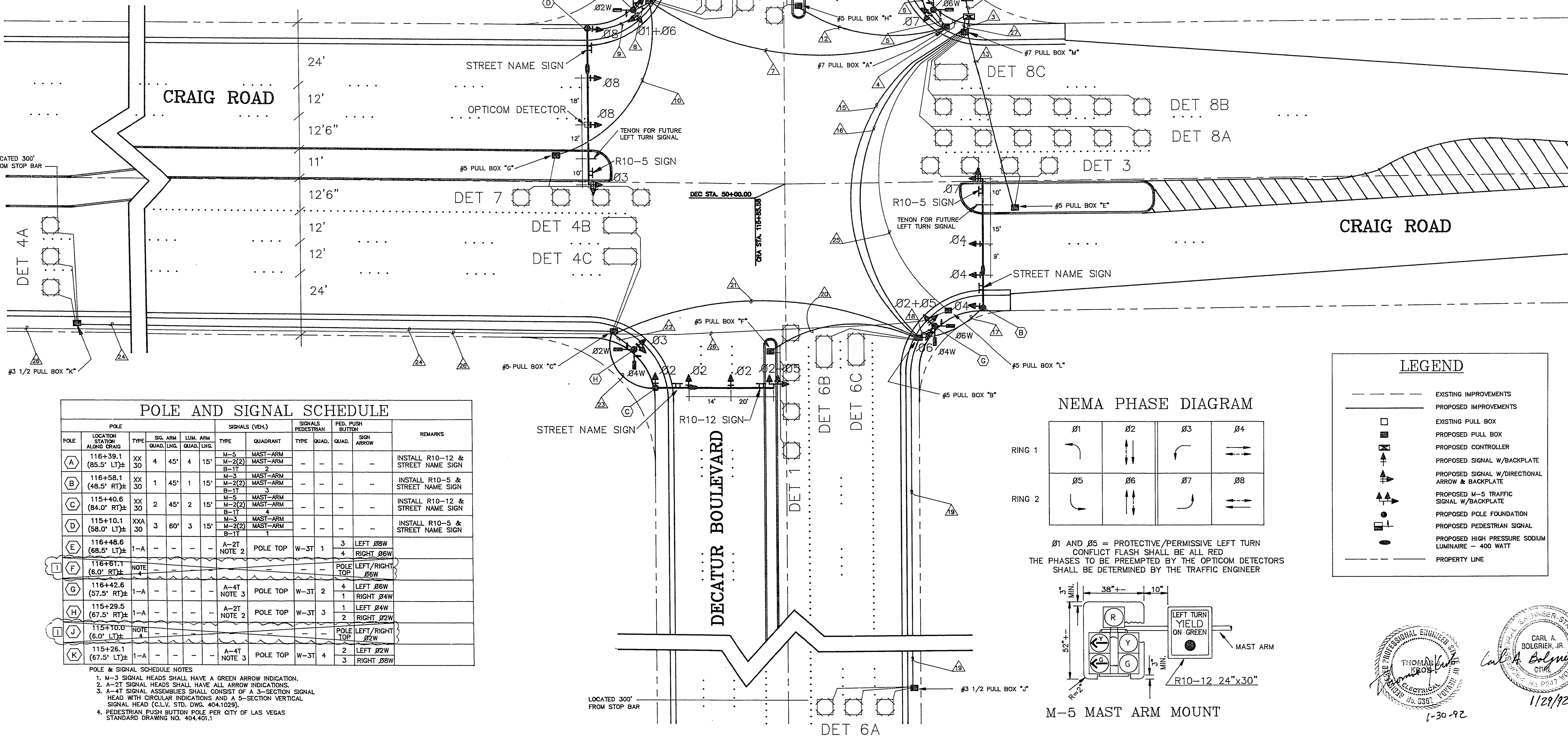


RUN NO.	FROM	TO	CONDUIT SIZE	SIGNAL CABLE		DET. LEADS	LIGHTING CABLE		INTERCONNECT	REMARKS
				15 CON 25 CON 14AWG	14AWG		2 CON 12AWG	2-10AWG		
1	SERVICE POINT	SERVICE PEDESTAL	2"							3-#3/0 THW
2	SERVICE PEDESTAL	CONTROLLER	2"							2-#6/2-#10/1-#8 THW
3	CONTROLLER	PULL BOX "M"	2"						1	
4	CONTROLLER	PULL BOX "A"	(3)-3"	2	3		4	2		2 OPTICOM CABLES
5	PULL BOX "A"	POLE E	2"	1						
6	PULL BOX "A"	POLE A; LUM A	2"		1			1		1 OPTICOM CABLE
7	PULL BOX "A"	PULL BOX "D"	(2)-3"	1	2		3	1		1 OPTICOM CABLE
8	PULL BOX "D"	POLE K	2"		1					
9	PULL BOX "D"	POLE D; LUM D	2"		1			1		1 OPTICOM CABLE
10	PULL BOX "D"	PULL BOX "G"	2"		1					
11	PULL BOX "G"	POLE J	2"		1					
12	PULL BOX "A"	PULL BOX "H"	2"		1					
13	PULL BOX "M"	PULL BOX "E"	2"		1					
14	PULL BOX "E"	POLE F	2"		1					
15	PULL BOX "M"	PULL BOX "B"	2"		1	2	3	1		
16	PULL BOX "M"	PULL BOX "B"	2"		1	1	4	1		
17	PULL BOX "B"	POLE B; LUM B	2"			1		1		
18	PULL BOX "B"	POLE G	2"			1				
19	PULL BOX "B"	PULL BOX "F"	1 1/2"				1			
20	PULL BOX "B"	PULL BOX "F"	2"				1			
21	PULL BOX "B"	PULL BOX "C"	2"		1	1	3	1		
22	PULL BOX "C"	POLE H	2"		1					
23	PULL BOX "C"	POLE C; LUM C	2"			1		1		
24	PULL BOX "C"	PULL BOX "K"	1 1/2"				1			
25	PULL BOX "L"	PULL BOX "M"	2"						1	
26	CAMINO DEL ORO	PULL BOX "L"	2"							
27	CONTROLLER	PULL BOX "M"	(3)-3"	2	3		11	2		

NOTE: INSTALL IN EACH CONDUIT A #8 GREEN GROUNDING CONDUCTOR.



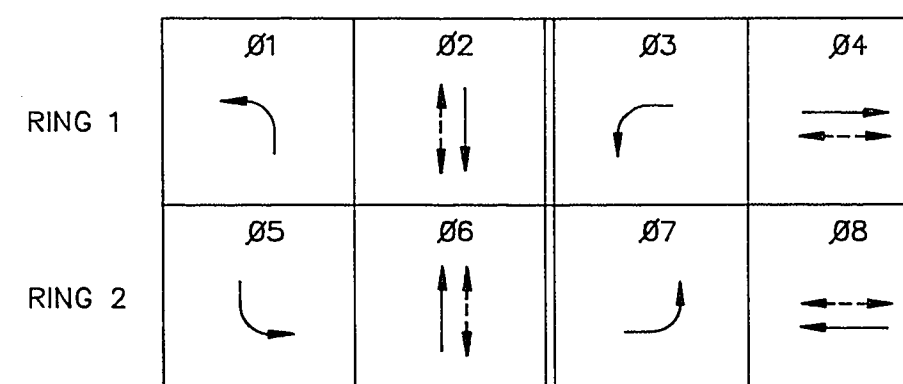
TRAFFIC SIGNAL SPECIAL NOTES

- PROVIDE SINGLE CHANNEL LOOP AMPLIFIER.
 - INSTALL OPTICOM DETECTORS ON POLES A AND D.
 - DETECTORS 2A, 2B, 8A, AND 8B ARE SIX 6' x 6' LOOPS; SEE DRAWING 404.826.
 - DETECTORS 4A AND 6A ARE THREE 6' x 6' LOOPS WIRE IN SERIES WITH FOUR TURNS OF WIRE EACH; SEE DRAWING 404.825.
 - DETECTORS 4B, 4C, 6B, 6C, AND 8C ARE 6' x 12' LOOPS WITH 4 TURNS OF WIRE.
 - DETECTORS 1, 3, 5, AND 7 ARE FOUR 6' x 6' LOOPS; SEE DRAWING 404.827.
 - PROVIDE 4 STREET NAME SIGNS, SINGLE FACED, DIAMOND GRADE, PER C.E.L.V. STANDARDS.
"CRAIG", POLES A & C;
"DECATUR", POLES B & D
8. POLE FOUNDATION
(A) TYPE "H"
(B) TYPE "L"
(C) TYPE "H"
(D) TYPE "L"
(E) TYPE "C"
- POLE FOUNDATION
(F) TYPE "A"
(G) TYPE "C"
(H) TYPE "H"
(I) TYPE "A"
(J) TYPE "C"
9. PULL BOXES "A" AND "M" ARE #7; PULL BOXES "B", "C", "D", "E", "F", "G", "H", AND "L" ARE #5; AND PULL BOXES "J" AND "K" ARE #3 1/2.
10. INSTALL CROWBAR AND ADDITIONAL SIGNS AND MARKINGS. SEE DETAIL SHEET T-11.
11. INSTALL 80' CONTROLLER IN TYPE "R" CABINET.

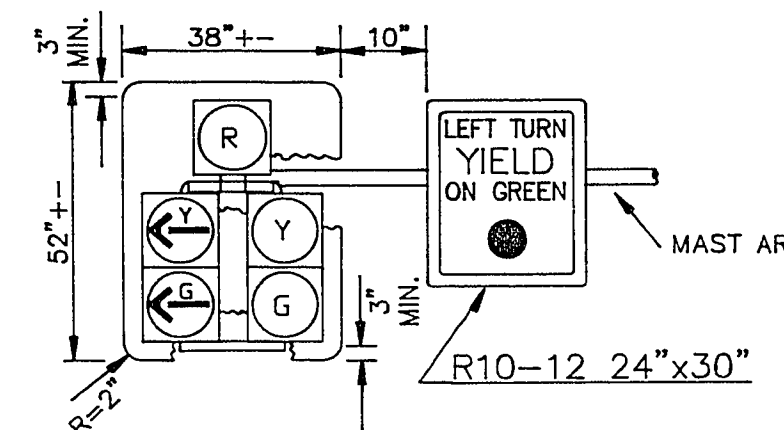
POLE	LOCATION STATION ALONG ROAD	TYPE	SIG. ARM QUAD. LING.	LUM. ARM QUAD. LING.	SIGNALS (VCL)		SIGNALS PEDESTRIAN	PED. PUSH BUTTON	REMARKS
					TYPE	QUADRANT			
(A)	116+39.1 (85.5' LT)	XX 30	4 45'	4 15'	M-5 M-2(2)	MAST-ARM	-	-	INSTALL R10-12 & STREET NAME SIGN
(B)	116+58.1 (48.5' RT)	XX 30	1 45'	1 15'	M-3 M-2(2)	MAST-ARM	-	-	INSTALL R10-5 & STREET NAME SIGN
(C)	115+40.6 (84.0' RT)	XX 30	2 45'	2 15'	M-5 M-2(2)	MAST-ARM	-	-	INSTALL R10-12 & STREET NAME SIGN
(D)	115+10.1 (58.0' LT)	XXA 30	3 60'	3 15'	M-3 M-2(2)	MAST-ARM	-	-	INSTALL R10-5 & STREET NAME SIGN
(E)	116+48.6 (68.5' LT)	1-A	-	-	A-2T NOTE 2	POLE TOP	W-3T	1	3 LEFT Ø8W 4 RIGHT Ø6W
(F)	116+51.1 (6.0' RT)	NOTE	-	-	-	-	-	-	POLE LEFT/RIGHT TOP Ø6W
(G)	116+42.6 (57.5' RT)	1-A	-	-	A-4T NOTE 3	POLE TOP	W-3T	2	4 LEFT Ø6W 1 RIGHT Ø4W
(H)	115+29.5 (67.5' RT)	1-A	-	-	A-2T NOTE 2	POLE TOP	W-3T	3	1 LEFT Ø4W 2 RIGHT Ø2W
(J)	115+10.0 (6.0' LT)	NOTE	-	-	-	-	-	-	POLE LEFT/RIGHT TOP Ø2W
(K)	115+26.1 (67.5' LT)	1-A	-	-	A-4T NOTE 3	POLE TOP	W-3T	4	2 LEFT Ø2W 3 RIGHT Ø8W

POLE & SIGNAL SCHEDULE NOTES
1. M-3 SIGNAL HEADS SHALL HAVE A GREEN ARROW INDICATION.
2. A-2T SIGNAL HEADS SHALL HAVE ALL ARROW INDICATIONS.
3. A-4T SIGNAL ASSEMBLIES SHALL CONSIST OF A 3-SECTION SIGNAL HEAD WITH CIRCULAR INDICATIONS AND A 5-SECTION VERTICAL SIGNAL HEAD (C.E.L.V. STD. DWG. 404.1025).
4. PEDESTRIAN PUSH BUTTON POLE PER CITY OF LAS VEGAS STANDARD DRAWING NO. 404.401.1

NEMA PHASE DIAGRAM



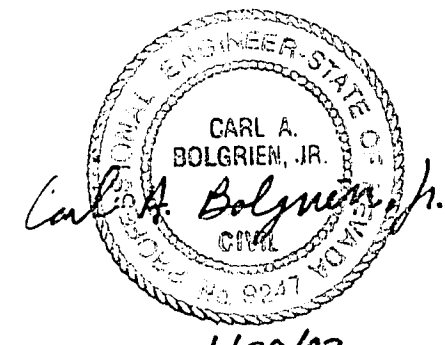
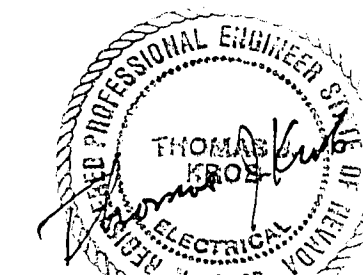
Ø1 AND Ø5 = PROTECTIVE/PERMISSIVE LEFT TURN
CONFLICT FLASH SHALL BE ALL RED
THE PHASES TO BE PREEMPTED BY THE OPTICOM DETECTORS SHALL BE DETERMINED BY THE TRAFFIC ENGINEER



M-5 MAST ARM MOUNT

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING PULL BOX
- PROPOSED PULL BOX
- PROPOSED CONTROLLER
- PROPOSED SIGNAL W/BACKPLATE
- PROPOSED SIGNAL W/DIRECTIONAL ARROW & BACKPLATE
- PROPOSED M-5 TRAFFIC SIGNAL W/BACKPLATE
- PROPOSED POLE FOUNDATION
- PROPOSED PEDESTRIAN SIGNAL
- PROPOSED HIGH PRESSURE SODIUM LUMINAIRE - 400 WATT
- PROPERTY LINE



CRAIG ROAD & DECATUR BOULEVARD SIGNAL PLANS

W.O.#:	LOS140
J.D.T./J.S.T.	
DATE:	1/29/92
SCALE:	1"= 20'
SHEET NO.	
T-10	
107-V1804	
SHEET 10 OF 11	

SHT. 65/66