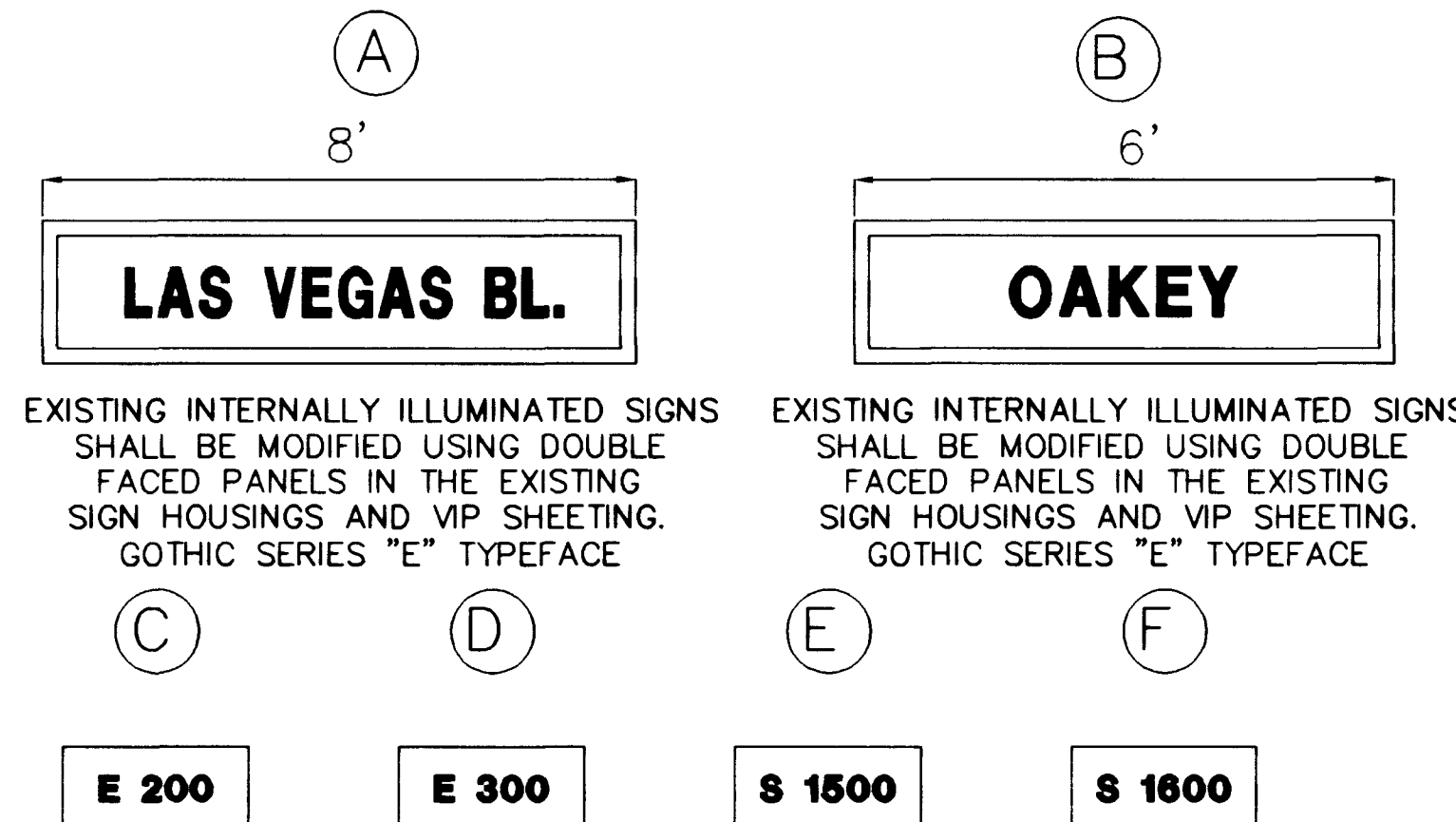
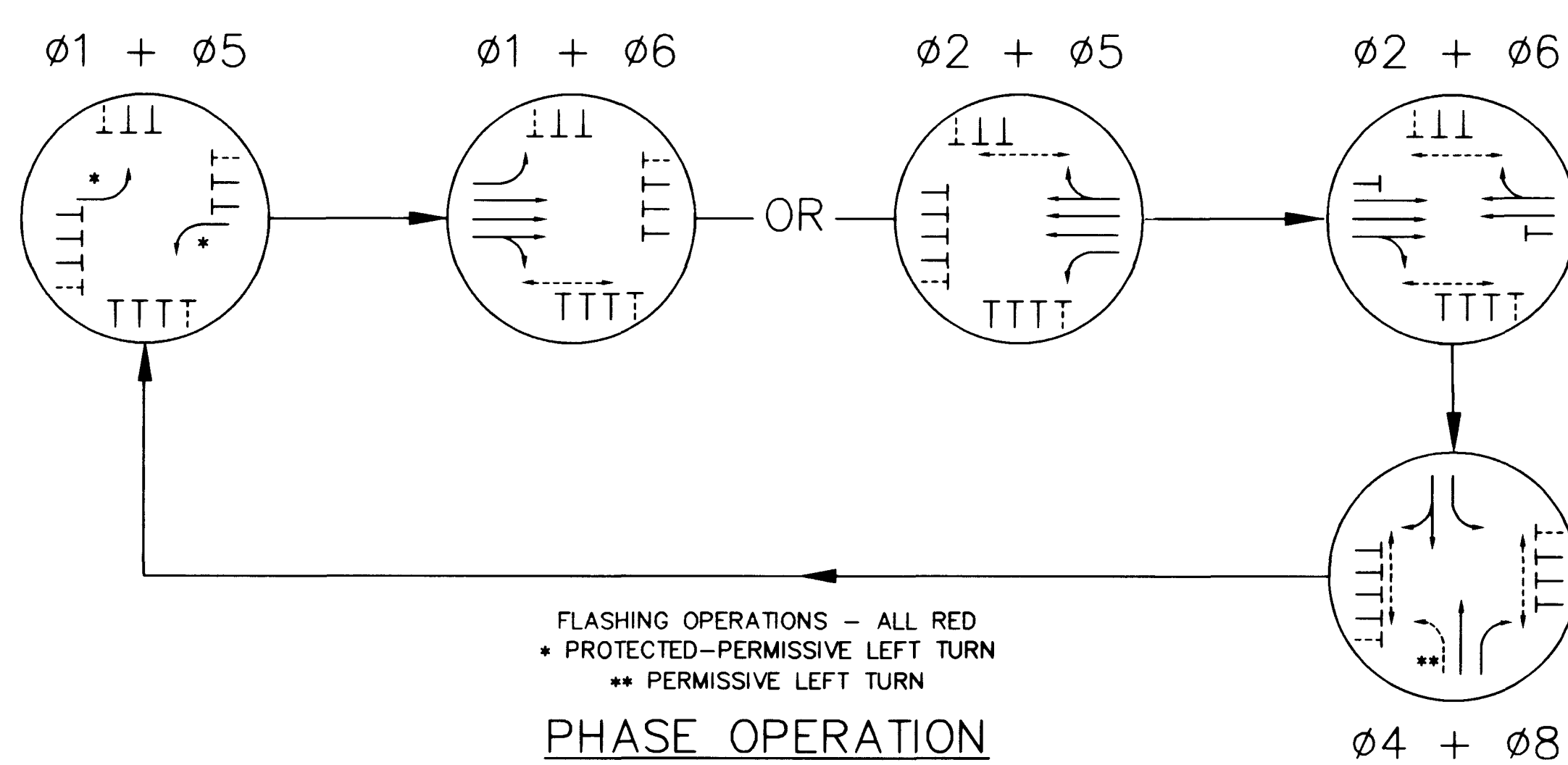


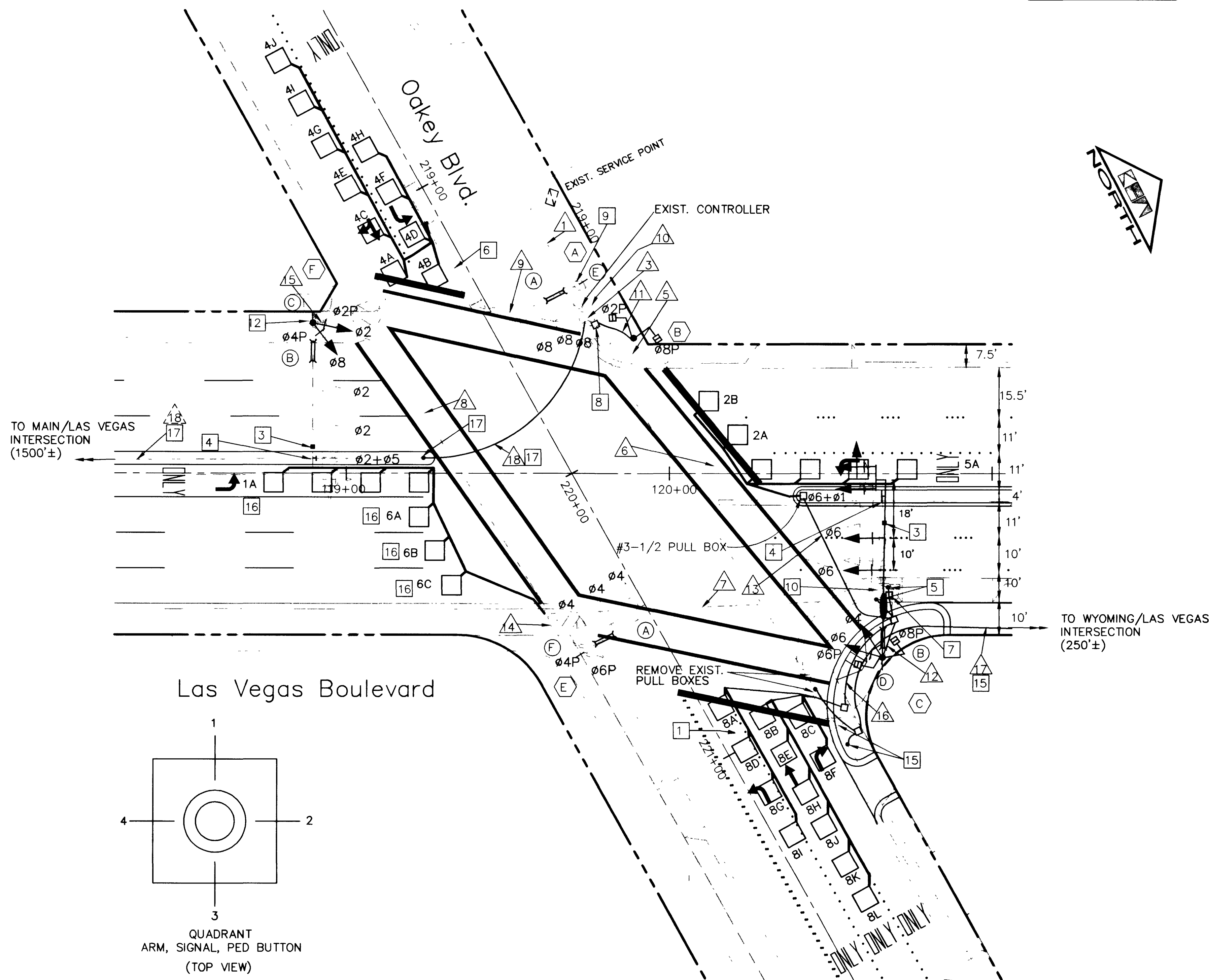


POLE SCHEDULE												
POLE	LOCATION STATION	TYPE	SIGNAL ARM		LUMINAIRE ARM		SIGNALS (VEH.)		SIGNALS (PED.)		PED. PUSH BUTTONS	
			QUAD	LNG.	QUAD	LNG.	TYPE	QUAD	TYPE	QUAD	QUAD	ARROW
A	EXISTING	XX	4	-	4	-	EXIST.	MA	-	-	-	-
B	119+89, 42'LT*	1-B	-	-	-	-	-	-	W-2T	POST TOP	3	LT RT
C	120+66, 57'RT*	XX-A 30	1	55'	1	15'	W-5 (2) M-2 B-3T	MA 3	W-3T	3	4	LT RT
E	EXISTING	XX	2	-	2	-	EXIST.	MA	EXIST.	-	EXIST.	-
F	EXISTING	XX	3	-	3	-	EXIST. B-3T*	MA 1	EXIST.	-	EXIST.	-
G												

* DESIGNATES NEW EQUIPMENT. ALL OTHERS ARE EXISTING EQUIPMENT EITHER TO REMAIN OR TO BE RELOCATED ACCORDING TO THE PLAN.
FINAL POLE LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

SIGNAL EQUIPMENT INSTALLATION NOTES:

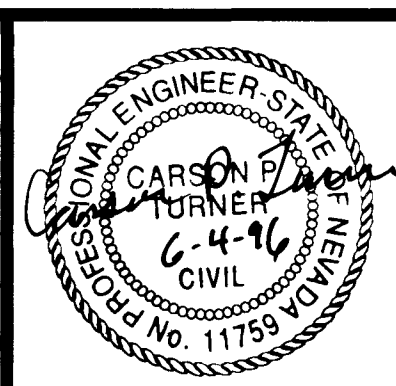
- 1 ABANDON IN PLACE.
- 2 NOT APPLICABLE
- 3 INSTALL OPTICOM MODEL M521 DETECTOR ON MAST ARM COMPLETE.
- 4 INSTALL R10-12 "LEFT TURN YIELD ON GREEN." SIGN ON MAST ARM COMPLETE.
- 5 JOIN EXISTING CONDUIT WITH SAME SIZE CONDUIT AND EXTEND TO NEW #5 PULL BOX AS INDICATED ON PLAN. ABANDON IN PLACE THE PORTION OF EXISTING CONDUIT NO LONGER NEEDED FOR THE INTENDED OPERATION. REMOVE EXISTING CONDUCTORS WITHIN SAID CONDUITS AND INSTALL NEW CONDUCTORS THRU REVISED CONDUIT SYSTEM.
- 6 REMOVE EXISTING DETECTOR LEAD-IN CABLE(S) AND PROVIDE NEW DETECTOR LEAD-IN CABLES AS INDICATED ON PLAN THRU REVISED CONDUIT SYSTEM.
- 7 REMOVE EXISTING PULL BOX.
- 8 REPLACE EXISTING #5 PULL BOX WITH NEW #7 PULL BOX AS INDICATED IN THE PLANS.
- 9 REMOVE AND SALVAGE EXISTING TYPE W-3T PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKETS COMPLETE. REMOVE AND SALVAGE EXIST. PED PUSH BUTTONS. PLUG HOLES IN SIGNAL POLE TO THE SATISFACTION OF THE ENGINEER.
- 10 REMOVE AND SALVAGE EXISTING TYPE XX POLE, 30' MAST ARM, AND 15' LUMINAIRE MAST ARM COMPLETE WITH ATTACHMENTS. REINSTALL SALVAGED INTERNALLY ILLUMINATED STREET NAME SIGN AND SIGN D ON POLE C AS INDICATED ON PLAN. CUT EXIST. FOUNDATION AND ANCHOR BOLTS TO 18" BELOW GRADE.
- 12 REMOVE AND SALVAGE EXISTING TYPE B-1T VEHICLE SIGNAL HEAD AND MOUNTING BRACKET COMPLETE. INSTALL NEW TYPE B-3T VEHICLE SIGNAL HEAD COMPLETE AS INDICATED ON PLAN.
- 15 INTERCEPT EXISTING INTERCONNECT CONDUIT AND EXTEND TO PULLBOX AS SHOWN. INSTALL NEW 3" INTERCONNECT CONDUIT AND CABLE AS SHOWN TO CABINET AT THE WYOMING AVE./LAS VEGAS BLVD. INTERSECTION. PROVIDE NEW INTERCONNECT CABLE AS NEEDED TO MAINTAIN INTERCONNECT CIRCUITRY. INSTALL #5 PULL BOXES ALONG CONDUIT RUN AT INTERVALS NOT EXCEEDING 500'.
- 16 FUTURE LOOPS BY OTHERS. CONTRACTOR SHALL COORDINATE WORK WITH THE LAS VEGAS BL. BEAUTIFICATION PROJECT. CONTACT CITY OF LAS VEGAS.
- 17 CONNECT NEW TO EXIST. INTERCONNECT CONDUIT AND EXTEND TO INTERCONNECT PULLBOX AT THE EXIST. CONTROLLER LOCATION. PROVIDE NEW INTERCONNECT CABLE FROM CONTROLLER TO CONTROLLER AT LAS VEGAS/MAIN INTERSECTION. CONTACT CITY OF LAS VEGAS TRAFFIC DEPT. FOR CONDUIT AND PULLBOX LOCATION.



CONDUIT AND NEW WIRE SCHEDULE			CONDUIT																							
WIRE & CABLE	FROM	TO																								
EXISTING	CABINET	SERVICE ENCLOSURE	X																							
25 PAIR # 22 AWG INTERCONNECT CABLE	CABINET	WYOMING AVE./LAS VEGAS BLVD.																								
25 PAIR # 22 AWG INTERCONNECT CABLE	CABINET	MAIN ST LAS VEGAS BLVD.																								
1-25 COND. #14 AWG 2-#10 AWG	CABINET	POLE A		X																						
1-15 COND. #14 AWG	CABINET	POLE B		X																						
1-25 COND. #14 AWG 2-#10 AWG OPTICOM CABLE	CABINET	POLE C		X	X	X																				
1-25 COND. #14 AWG 2-#10 AWG	CABINET	POLE E		X	X	X	X																			
1-25 COND. #14 AWG 2-#10 AWG OPTICOM CABLE	CABINET	POLE F		X	X	X	X	X																		
1 LOOP LEAD	CABINET	LOOP 4A, 4C, 4E, 4G, 4I		X																						
1 LOOP LEAD	CABINET	LOOPS 4B, 4D, 4F&4H		X																						
1 LOOP LEAD	CABINET	LOOPS 8A, 8D, 8G&8J		X	X	X																				
1 LOOP LEAD	CABINET	LOOP 8B, 8E, 8H, 8J, 8K, 8L		X	X	X																				
1 LOOP LEAD	CABINET	LOOP 8C & 8F		X	X	X																				
1 LOOP LEAD	CABINET	LOOPS 5A		X	X	X																				
1 LOOP LEAD	CABINET	LOOP 2A		X	X	X																				
1 LOOP LEAD	CABINET	LOOP 2B		X	X	X																				
1 LOOP LEAD	CABINET	LOOPS 1A		X	X	X	X																			
3 LOOP LEADS	CABINET	LOOPS 6A, 6B, 6C		X	X	X	X																			
CONDUIT SIZE (INCHES)			E	E	E	E	E	E	E	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"

- NOTES:
1. A #8 GREEN BOND GROUND WIRE SHALL BE RUN FROM THE CONTROLLER CABINET TO THE BASE OF EACH NEW POLE.
 2. E, DENOTES EXISTING CONDUIT. CONDUIT SIZE DESIGNATES NEW CONDUIT TO BE INSTALLED BY CONTRACTOR.
 3. THE CONTRACTOR SHALL MAINTAIN EXISTING SIGNAL CABLE TO EXISTING POLES WHICH ARE TO REMAIN.
 4. THE CONTRACTOR SHALL REMOVE EXISTING LOOP LEADS AND INSTALL NEW ONES IN ACCORDANCE WITH THE WIRE SCHEDULE.

NO.	REVISIONS	DATE	BY



Kimley-Horn and Associates, Inc.

Las Vegas, Nevada

© 1996

DESIGNED BY	TTM
DRAWN BY	KMM
CHECKED BY	JAB
NOTE BOOK NO.	



DOWNTOWN CORRIDOR IMPROVEMENTS

CITY OF LAS VEGAS DEPT. OF PUBLIC WORKS

LAS VEGAS, NEVADA

DATE	6/96
SCALE	1"=20'

SIGNAL SYSTEM FOR

OAKLEY BLVD AT

LAS VEGAS BOULEVARD

DWG. NO.	107-V-2288B
FILE NO.	9903.02
SHEET 37 OF 46	TS-2

