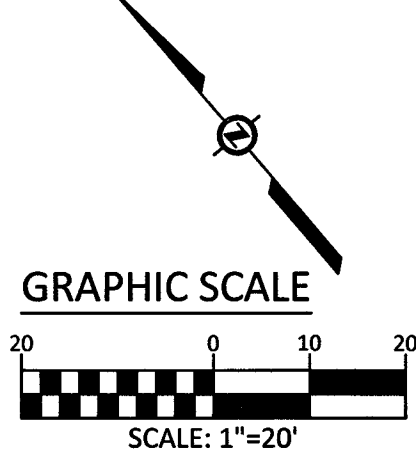
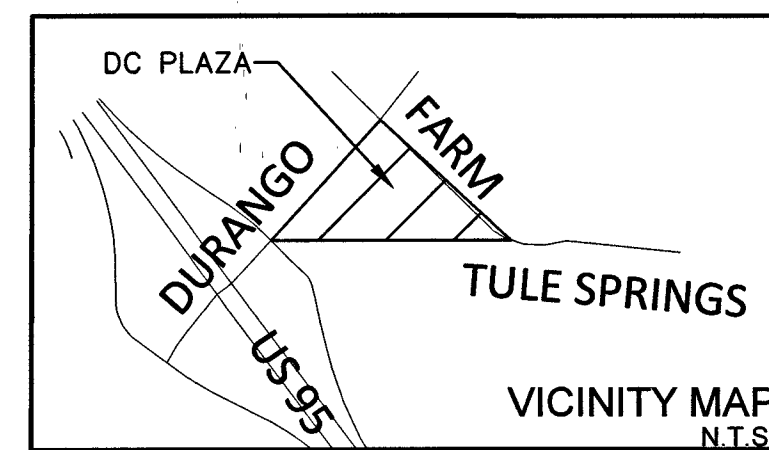
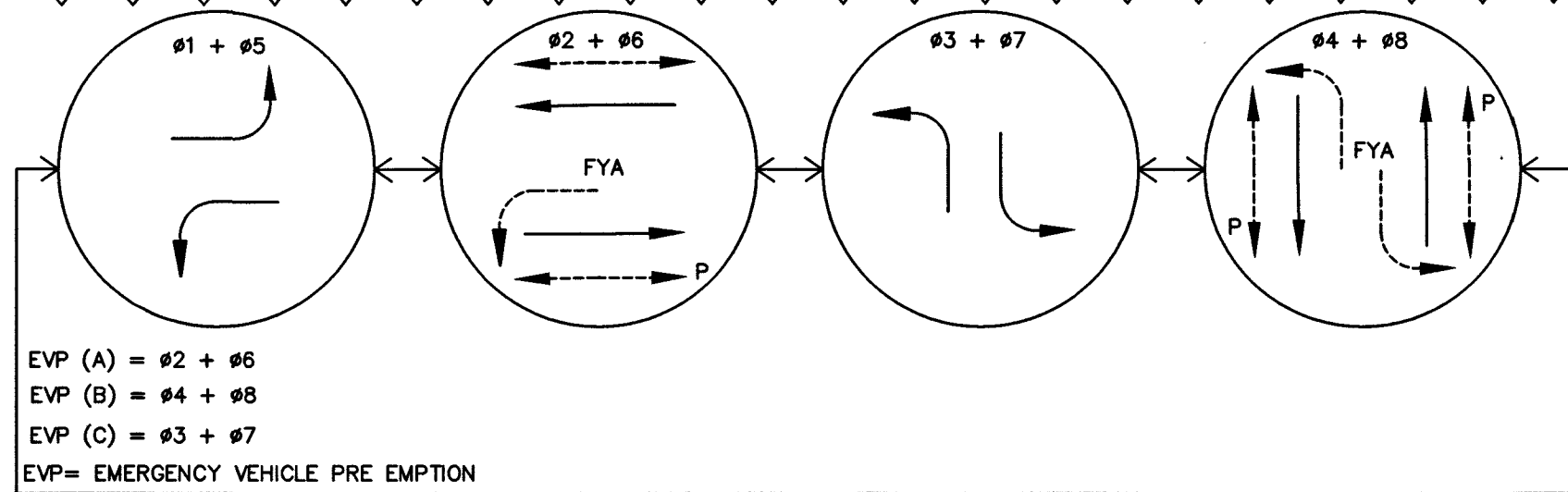
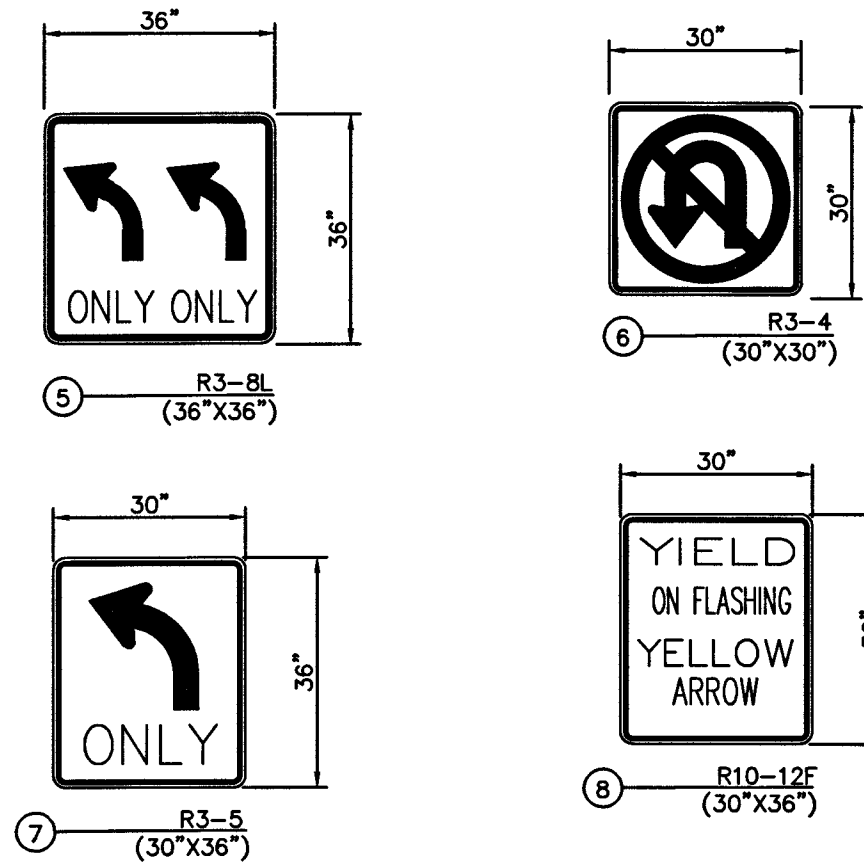


LOOP DETECTOR SCHEDULE		
MOVEMENT	LOOP NUMBER	LOOP OPERATION
EB THRU	4A	"PRESENCE/COUNT" LOOP
	4B	"PRESENCE" LOOP
EB LEFT	7A	"PRESENCE/COUNT" LOOP
	7B	"PRESENCE" LOOP
WB THRU	8A	"PRESENCE/COUNT" LOOP
	8B	"PRESENCE" LOOP
WB LEFT	3A	"PRESENCE/COUNT" LOOP
	3B	"PRESENCE" LOOP
NB LEFT	1A	"PRESENCE/COUNT" LOOP
	1B	"PRESENCE" LOOP
NB THRU	6A	"PRESENCE" LOOP
	6B	"PRESENCE" LOOP
SB LEFT	5A,5C	"PRESENCE/COUNT" LOOP
	5B,5D	"PRESENCE" LOOP
SB THRU	2A	"PRESENCE" LOOP
	2B	"PRESENCE" LOOP



BASIS OF BEARING

SOUTH 00°06'57" WEST, BEING THE WEST LINE OF THE GOVERNMENT LOT 11, LYING WITHIN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN IN BOOK 140, PAGE 12 OF PLATS IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE.

BENCHMARK

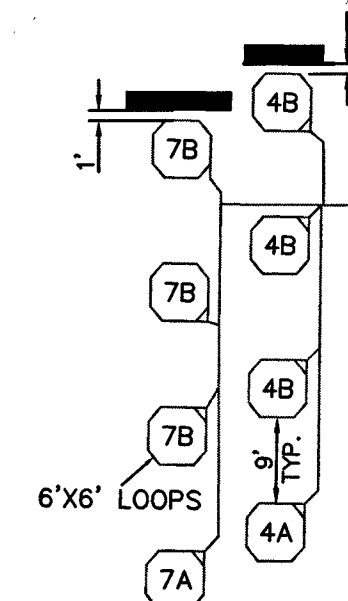
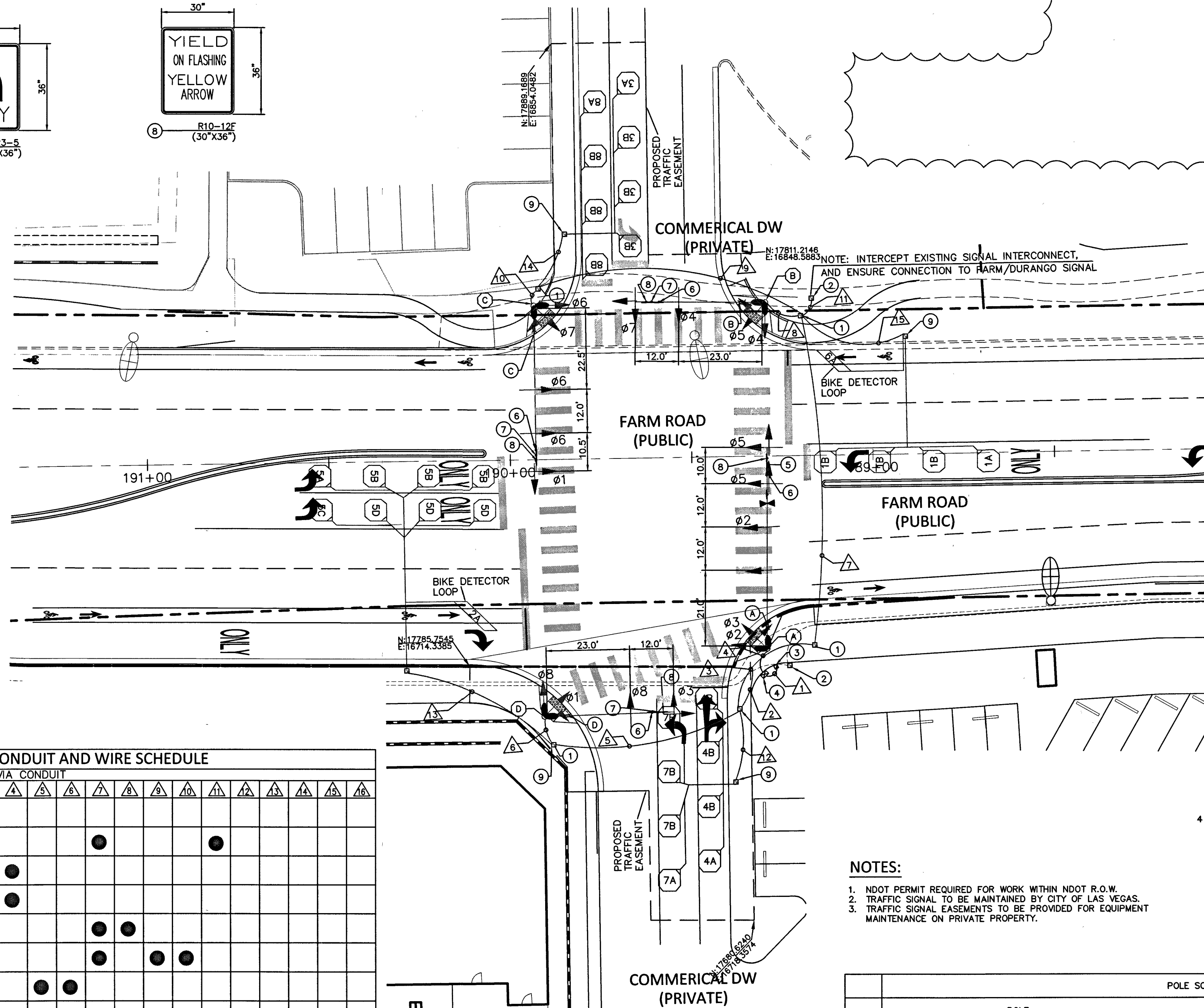
CITY OF LAS VEGAS BENCHMARK # 5LV90 17S6

A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF OSO BLANCA ROAD AND DURANGO DRIVE.

NAVD 88 ELEVATION = 798.4331 METERS / 2619.53 FEET
NORTH AMERICAN DATUM OF 1988

TRAFFIC SIGNAL NOTES

NO.	ITEM	USDOCA: UNIFORM STANDARD DRAWING CLARK COUNTY AREA
1	INSTALL No. 7 PULL BOX PER USDOCA DWG. NO. 707.	
2	INSTALL T200 PULLBOX PER USDOCA DWG. NO. 762.	
3	INSTALL 200 AMP METER PEDESTAL PER USDOCA DWG. NO. 726 & 730.	
4	INSTALL NEW TYPE V CABINET PER USDOCA DWG. NO. 801.	
5	INSTALL SIGN R3-3L (TURN ONLY) PER USDOCA DWG. NO. 249.1. SIGN DETAIL 'HEREON'.	
6	INSTALL SIGN R3-4 (NO U-TURN) PER USDOCA DWG. NO. 249.1. SIGN DETAIL 'HEREON'.	
7	INSTALL SIGN R3-5 (TURN ONLY) PER USDOCA DWG. NO. 249.1. SIGN DETAIL 'HEREON'.	
8	INSTALL SIGN R10-12F (FLASHING YELLOW) PER USDOCA DWG. NO. 249.1. SIGN DETAIL 'HEREON'.	
9	INSTALL No. 5 PULL BOX PER USDOCA DWG. NO. 706.	



DETAIL "A" LOOP DETECTOR DIMENSIONS

NOTES:

1. NDOT PERMIT REQUIRED FOR WORK WITHIN NDOT R.O.W.
2. TRAFFIC SIGNAL TO BE MAINTAINED BY CITY OF LAS VEGAS.
3. TRAFFIC SIGNAL EASEMENTS TO BE PROVIDED FOR EQUIPMENT MAINTENANCE ON PRIVATE PROPERTY.

QUADRANT LOCATION

INTERNALLY ILLUMINATED STREET NAME SIGN SCHEDULE			
POLE	STREET NAME SIGN	SIZE	NOTES
A	COMMERCIAL DR	8'	NEW SIGNAL POLE
B	FARM RD 8451	8'	NEW SIGNAL POLE
C	COMMERCIAL DR	8'	NEW SIGNAL POLE
D	FARM RD 8451	8'	NEW SIGNAL POLE

CONDUIT AND WIRE SCHEDULE			VIA CONDUIT													
WIRE	FROM	TO	1	2	3	4	5	6	7	8	9	10	11	12	13	14
(4) #4 AWG THW (2 BLACK, 2 WHITE)	NEW SERVICE PEDESTAL (FARM RD) STA:	CONTROLLER CABINET	●													
(1) #8 AWG THW GROUND (GREEN)				●												
INTERCONNECT	CONTROLLER CABINET	T-200		●												
OPTICOM CABLE	CONTROLLER CABINET	POLE A		●												
25 COND #14 AWG, #10 AWG THW, (1) #8 AWG GROUND (GREEN)	CONTROLLER CABINET	POLE B		●												
25 COND #14 AWG, #10 AWG THW, (1) #8 AWG GROUND (GREEN)	CONTROLLER CABINET	POLE C		●												
25 COND #14 AWG, #10 AWG THW, (1) #8 AWG GROUND (GREEN)	CONTROLLER CABINET	POLE D		●												
COHU MODEL CA29SH CABLE PER CCAUSD NO. 766	CONTROLLER CABINET	CCTV CAMERA A		●												
3/16 & 8281 COAXIAL CABLE	CONTROLLER CABINET	VIDEO CAMERA A		●												
3/16 & 8281 COAXIAL CABLE	CONTROLLER CABINET	VIDEO CAMERA C		●												
6-PAIR 18 AWG MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER CABINET	WEST LEG LOOP PULL BOX		●												
6-PAIR 18 AWG MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER CABINET	EAST LEG LOOP PULL BOX		●												
6-PAIR 18 AWG MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER CABINET	NORTH LEG LOOP PULL BOX		●												
6-PAIR 18 AWG MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER CABINET	SOUTH LEG LOOP PULL BOX		●												

CONDUIT SIZE

6-PAIR LOOP LEAD-IN CABLE ASSIGNMENTS		
PAIR NO.	COLOR	PHASE LETTER DESIGNATION
1	BLACK & RED	A
2	BLACK & WHITE	B
3	BLACK & GREEN	C
4	BLACK & BLUE	D
5	BLACK & YELLOW	E
6	BLACK & BROWN	F

POLE SCHEDULE ((E)-EXISTING)										
POLE	LOCATION STATION	POLE TYPE	SIGNAL ARM QUAD	SIGNAL ARM LENGTH	LUMINAIRE ARM QUAD	LUMINAIRE ARM LENGTH	SIGNALS (VEH.) TYPE	SIGNALS (PED.) TYPE	PED. PUSH BUTTONS QUAD	REMARKS
A	FARM 286+36.02 1497.68' RT	XX-A	1	55'	1,4	15'	(2) M-2 MA	W-3T	2,3	SIGN R3-3L AND R3-4 ON MAST ARM. SIGN DETAILS 'HEREON'. INSTALL CCTV CAMERA PER CCAUSD DWG. 766
B	FARM 286+48.92 1592.65' RT	XX	4	35'	3,4	15'	(1) M-2 MA	W-3T	1,2	SIGNS R3-5, R10-12F AND R3-4 ON MAST ARM. SIGN DETAILS 'HEREON'.
C	FARM 287+17.04 1583.57' RT	XX-A	3	55'	2,3	15'	(1) M-4 MA	W-3T	1,4	SIGN R3-3L, R10-12F AND R3-4 ON MAST ARM. SIGN DETAILS 'HEREON'.
D	FARM 286+94.56 1471.24' RT	XX	2	35'	1,2	15'	(1) M-4 MA	W-3T	3,4	SIGNS R3-5, R10-12F AND R3-4 ON MAST ARM. SIGN DETAILS 'HEREON'.

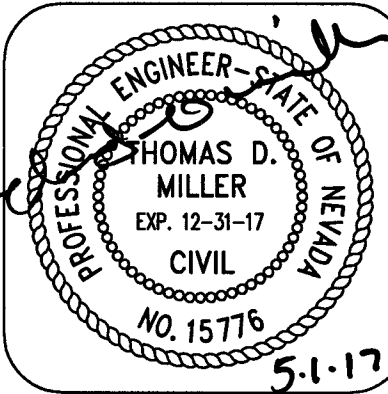
CALL BEFORE YOU DIG
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

FAST
Call before you dig
Underground
1-702-432-5300
FIREWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD WORK
1-702-227-2929

COLLINS ENGINEERS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

COLLINS ENGINEERS
3130 S. DURANGO DR., SUITE 404
LAS VEGAS, NV 89117
PHONE: (702) 248-8000
FAX: (702) 248-8070
www.collinsengr.com



IMPROVEMENT PLANS FOR DC PLAZA

APN: 125-17-613-001

TRAFFIC NOTES AND SIGNALS

DESIGN		DESCRIPTION	
BY	DATE	NEW SHEET	APP'D
JDM	3/13/17	5/1/17	

CEI PROJECT:	4136
DESIGN BY:	JDM SR
DRAWN BY:	JDM SR
CHECKED BY:	TDM P.E.
DATE:	03/13/17
SCALE:	1"=20'
SHEET NUMBER	C7.02
SHEET 31 OF 45	H # 64486

107V6734