

MAST ARM SIGNAL HEAD NOTE:

CONTRACTOR SHALL INVENTORY EXISTING MAST ARM MOUNTED LEFT TURN SIGNAL HEADS IN THE NORTHBOUND AND SOUTHBOUND DIRECTIONS. CONTRACTOR SHALL CONTACT THE ENGINEER ABOUT ANY EXISTING SIGNAL HEADS THAT DIFFER FROM WHAT IS SHOWN IN TABLE 2 BEFORE REMOVAL AND REPLACEMENT.

TABLE 1 - VIDEO DETECTION INVENTORY

Location	Video Detection Cameras To Be Replaced	No. of 6ft Riser needed	Sheet No.
Rancho Dr./Sahara Ave.	6	6	IP-1
Rancho Dr./Oakey Blvd.	None	None	IP-2
Rancho Dr./Charleston Blvd.	4	None	IP-3
Rancho Dr./Palomino Ln.	None	None	IP-4
Rancho Dr./Alta Dr.	4	4	IP-5
Rancho Dr./Parkway.	4	4	IP-5
Rancho Dr./Mesquite Ave.	4	None	IP-6
Rancho Dr./US 95 Ramp.	None	None	IP-6
Rancho Dr./Bonanza Rd.	4	4	IP-7
Rancho Dr./Ernest Way Ln.	4	4	IP-7
Rancho Dr./Washington Ave.	4	4	IP-8
Rancho Dr./Vegas Dr.	4	4	IP-9
Rancho Dr./Texas Station	4	4	IP-11
Rancho Dr./Lake Mead Blvd.	4	4	IP-12
Rancho Dr./Smoke Ranch Rd.	4	4	IP-13
Rancho Dr./Airport Dr.	4	4	IP-13
Rancho Dr./South Decatur Blvd.	4	4	IP-14
Rancho Dr./North Decatur Blvd.	4	4	IP-15
Rancho Dr./Cheyenne Ave.	4	4	IP-16
Rancho Dr./Gowan Rd.	4	3	IP-17
Rancho Dr./S. Jones Blvd.	4	2	IP-19
Rancho Dr./N. Jones Blvd.	4	4	IP-19
Rancho Dr./Craig Rd.	4	4	IP-21
Rancho Dr./Lone Mountain Rd.	4	4	IP-23
Rancho Dr./Rainbow Blvd.	4	4	IP-23

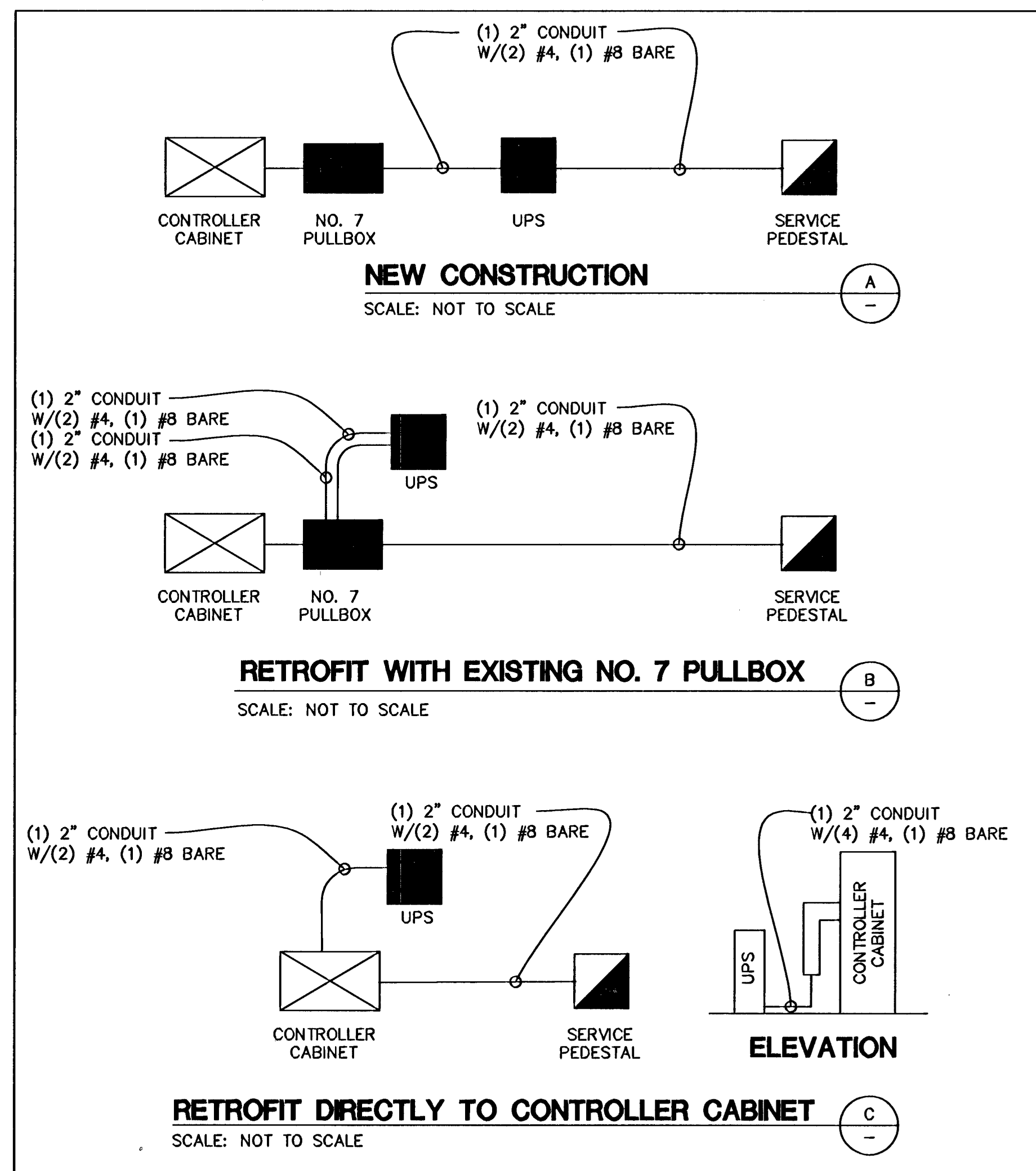
TABLE 2 - MAST ARM MOUNTED SIGNAL HEADS - NORTHBOUND AND SOUTHBOUND

Location	Sheet No.	Northbound			Southbound		
		M-2	M-2 Arrow	M-5	M-2	M-2 Arrow	M-5
Rancho Dr./Sahara Ave.	IP-1	-	-	-	2	2	-
Rancho Dr./Oakey Blvd.	IP-2	2	-	1	2	-	1
Rancho Dr./Charleston Blvd.	IP-3	2	1	-	2	1	-
Rancho Dr./Palomino Ln.	IP-4	3	-	1	3	-	1
Rancho Dr./Alta Dr.	IP-5	3	1	-	3	1	-
Rancho Dr./Parkway.	IP-5	2	-	1	2	-	1
Rancho Dr./Mesquite Ave.	IP-6	3	-	FYA (1)	3	-	FYA (1)
Rancho Dr./US 95 SPUI.	IP-6	3 / 4**	2 / 2*	-	3	2 / 2*	-
Rancho Dr./Bonanza Rd.	IP-7	2	1	-	2	2	-
Rancho Dr./Ernest May Ln.	IP-7	2	-	1	2	-	1
Rancho Dr./Washington Ave.	IP-8	2	-	1	2	-	1
Rancho Dr./Vegas Dr.	IP-9	2	1	-	2	1	-
Rancho Dr./Texas Station	IP-11	2	1	-	2	1	-
Rancho Dr./Lake Mead Blvd.	IP-12	2	1	-	2	1	-
Rancho Dr./Smoke Ranch Rd.	IP-13	2	2	-	3	1	-
Rancho Dr./Airport Dr.	IP-13	2	-	1	2	-	1
Rancho Dr./South Decatur Blvd.	IP-14	2	1	-	2	1	-
Rancho Dr./North Decatur Blvd.	IP-15	2	-	1	2	-	1
Rancho Dr./Cheyenne Ave.	IP-16	2	1	-	2	1	-
Rancho Dr./Gowan Rd.	IP-17	2	1	-	2	1	-
Rancho Dr./S. Jones Blvd.	IP-19	2	-	-	2	-	-
Rancho Dr./N. Jones Blvd.	IP-19	2	-	1	2	-	1
Rancho Dr./Craig Rd.	IP-21	2	1	-	2	1	-
Rancho Dr./Lone Mountain Rd.	IP-23	2	1	-	2	1	-
Rancho Dr./Rainbow Blvd.	IP-23	2	1	-	2	1	-

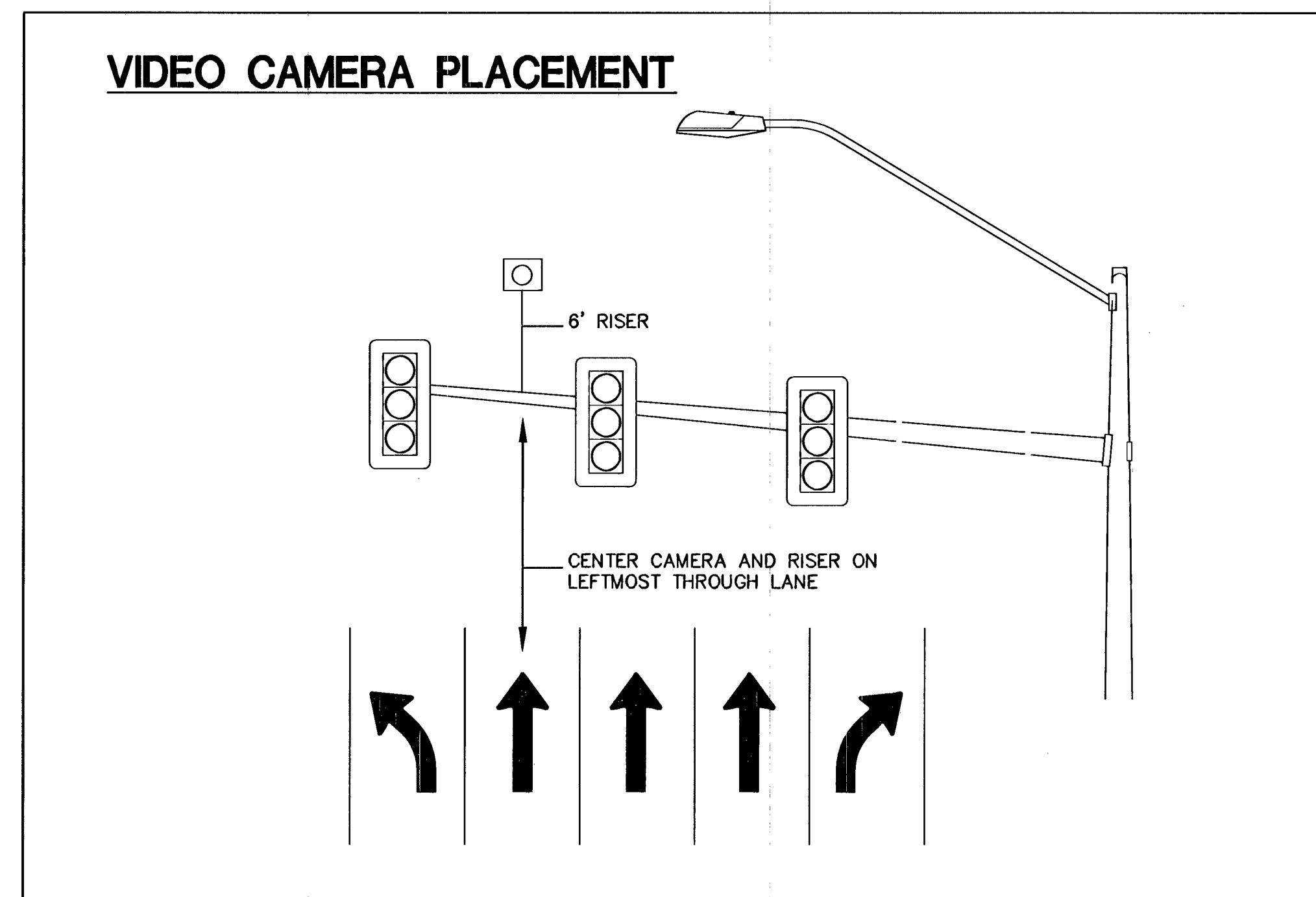
* Off Ramp Signals

** Northbound Signal to North of SPUI

UNINTERRUPTED POWER SUPPLY (UPS) INSTALLATION



VIDEO CAMERA PLACEMENT



DEPARTMENT OF PUBLIC WORKS

ENGINEERING DESIGN SECTION

CITY ENGINEER: DAVID N. BOWERS, P.E., P.T.O.E.
PROJECT MANAGER: LORRAINE LUNNERT DUNFORD, P.E.

DESIGNED BY: WJ
DRAWN BY: JS
CHECKED BY: RM

HORIZONTAL SCALE: AS SHOWN
VERTICAL SCALE: NONE
DATE: 2013-04-02



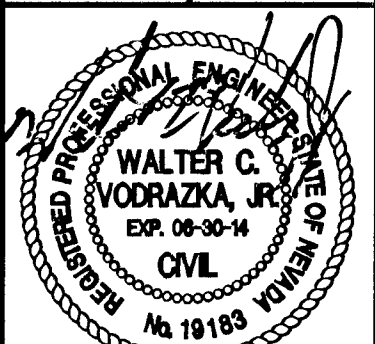
CLV ITS INFRASTRUCTURE - CORRIDOR 2

RANCHO DRIVE

MISCELLANEOUS DETAILS

TITLE:

SHEET:



Sheet

D-5

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DRAWING NO.

107V4475-FIB

CLV BID NO. 11/730.20