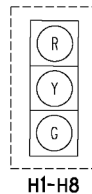


SIGNAL HEAD LEGEND
ALL POLYCARBONATE 12" L.E.D. LENS
WITH BACKPLATE W/ REFLECTIVE 2" WIDE TAPE



NOTE: POWER SHALL BE SUPPLIED
TO THE TOP OF POLE 'A'

REMOVE EXIST. PULL BOX AND
LOOP DETECTOR @ STA. 139+14

REMOVE EXIST. PULL BOX AND
LOOP DETECTOR @ STA. 137+82

24" PULL BOX
STA. 135+28, 32' LT

2-3" CONDUIT
IN TRENCH, 15'

REMOVE EXIST. PULL
BOX @ STA. 135+46

PROPOSED CONTROLLER,
WORK PAD AND UPS UNIT
STA. 135+41, 41' LT

2" CONDUIT
IN TRENCH, 28'

SIGNAL SUPPORT 'A'
TC 81.21 DES. #12
STA. 983+05, 48' LT
POWER SERVICE

REMOVE EXIST. PULL BOX AND
LOOP DETECTOR @ STA. 980+60

REMOVE EXIST. PULL BOX
AND LOOP DETECTOR
@ STA. 979+24

MATCHLINE A

REMOVE EXIST.
SIGN FLASHER
ASSEMBLY

REMOVE EXIST.
PULL BOX
@ STA. 976+52

MATCHLINE A

REMOVE EXIST.
PULL BOX
@ STA. 976+52

SIGN FLASHER
ASSEMBLY W/
SOLAR PANEL
STA. 976+50,
25' RT

3" CONDUIT JACKED
OR DRILLED, 97'

18" PULL BOX
STA. 134+34, 34' LT

2" CONDUIT
IN TRENCH, 18'

SIGNAL SUPPORT 'B'
TC 81.21 DES. #12
STA. 134+25, 48' LT

CONST. SR-13

3" CONDUIT JACKED
OR DRILLED, 68'

3" CONDUIT JACKED
OR DRILLED, 68'

SIGNAL SUPPORT 'D'
TC 81.21 DES. #11
STA. 984+13, 40' RT

2" CONDUIT
IN TRENCH, 17'

18" PULL BOX
STA. 134+27, 32' RT

REMOVE EXIST.
PULL BOX @ STA. 134+33

REMOVE EXIST. PULL BOX AND
LOOP DETECTOR @ STA. 131+74

REMOVE EXIST. PULL BOX AND
LOOP DETECTOR @ STA. 130+45

3" CONDUIT JACKED
OR DRILLED, 76'

SIGNAL SUPPORT 'C'
TC 81.21 DES. #11
STA. 135+28, 42' RT

2" CONDUIT
IN TRENCH, 10'

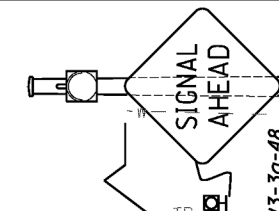
18" PULL BOX
STA. 135+14, 44' RT

REMOVE EXIST.
PULL BOX @ STA. 984+11

REMOVE EXIST. PULL BOX AND
LOOP DETECTOR @ STA. 986+42

REMOVE EXIST. PULL BOX
AND LOOP DETECTOR
@ STA. 987+83 AND
@ STA. 989+82

REMOVE EXIST.
SIGN FLASHER
ASSEMBLY



SIGN FLASHER
ASSEMBLY W/
SOLAR PANEL
STA. 991+00,
26' LT

REMOVE
PULL BOX
@ STA. 991+98

MATCHLINE B

MATCHLINE B

LEGEND

- PROPOSED SIGNAL POLE W/ MAST ARM
- VEHICULAR SIGNAL HEAD
- PROPOSED PULL BOX
- PROPOSED VIDEO DETECTION ZONE (DZ)
- PROPOSED VIDEO CAMERA

* SEE PLAN INSERT SHEET ON SHEET 56 FOR DETAILS.



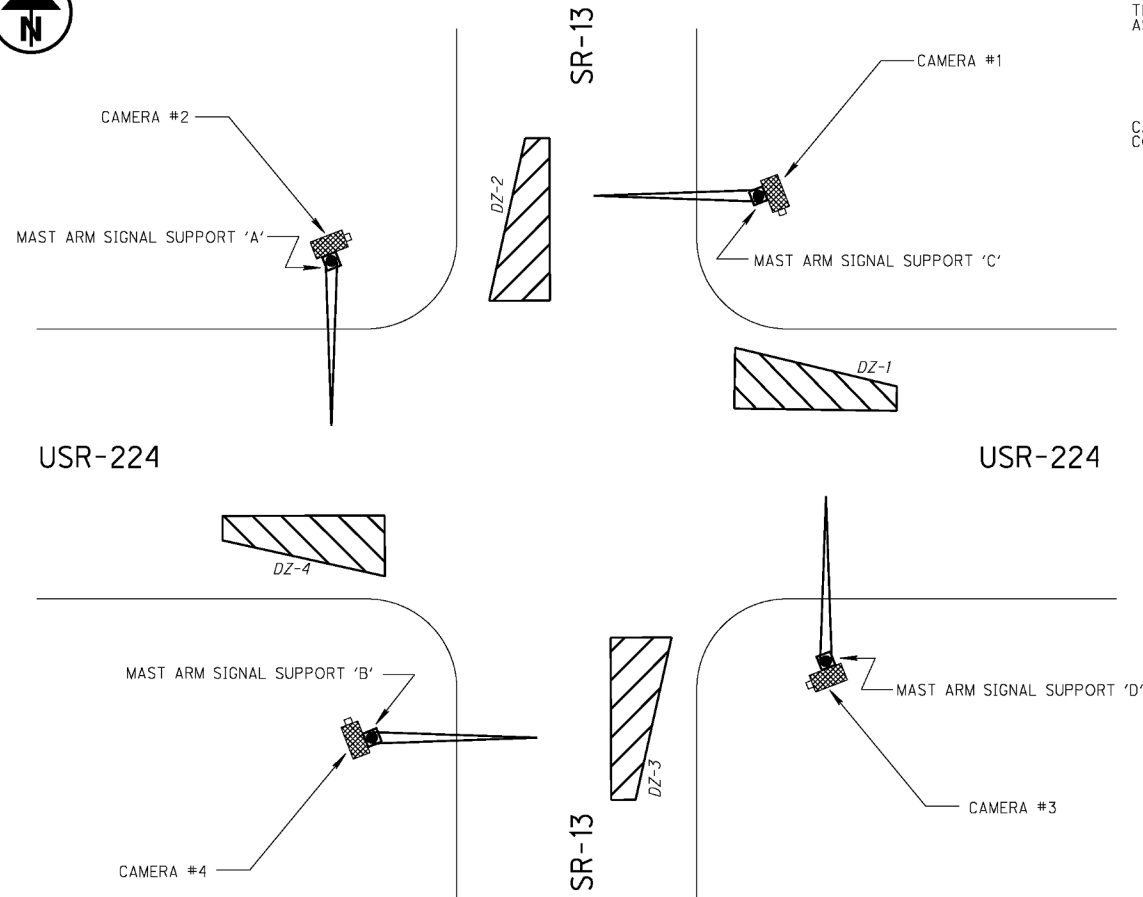
0 20 40
HORIZONTAL
SCALE IN FEET

CALCULATED
AT
CHECKED
JFM

**TRAFFIC SIGNAL PLAN
SR-13 AT USR-224**

HUR-13-2.52

52
73



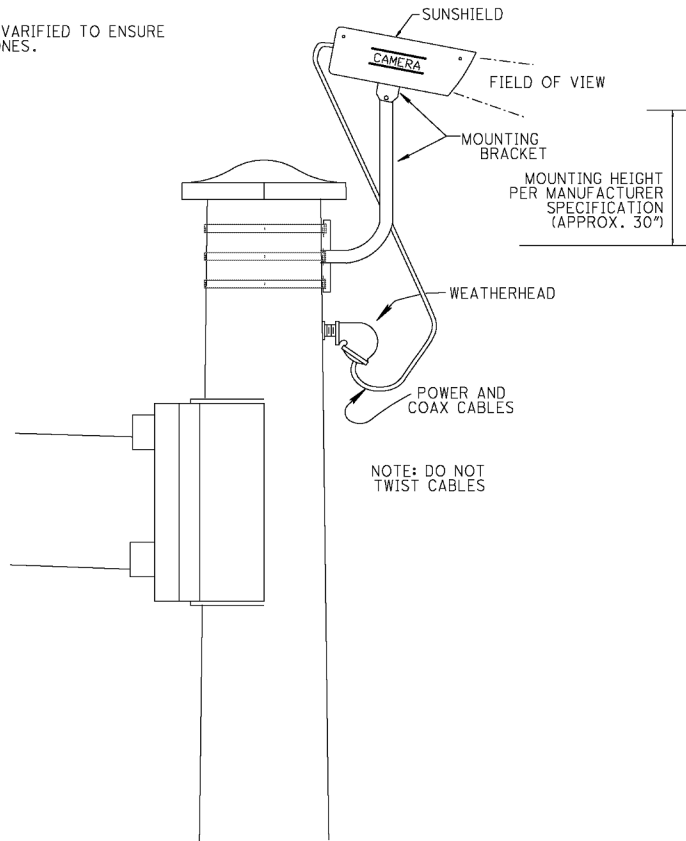
CAMERA DESIGNATION DETAIL
NOT TO SCALE

CAMERA INSTALLATION INSTRUCTIONS

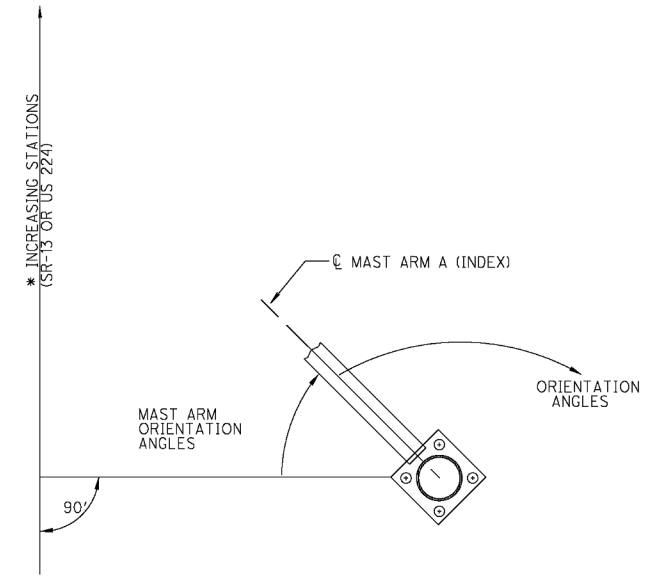
THE FOLLOWING DETECTION ZONES ARE ASSOCIATED WITH CAMERAS #1-#4, RESPECTIVELY:

CAMERA #1: DZ1
CAMERA #2: DZ2
CAMERA #3: DZ3
CAMERA #4: DZ4

CAMERA ANGLES SHALL BE FIELD VARIFIED TO ENSURE COVERAGE OF ALL DETECTION ZONES.



INSTALLED CAMERA
NOT TO SCALE



TYPE TC-81.21
SUPPORT ORIENTATION DIAGRAM

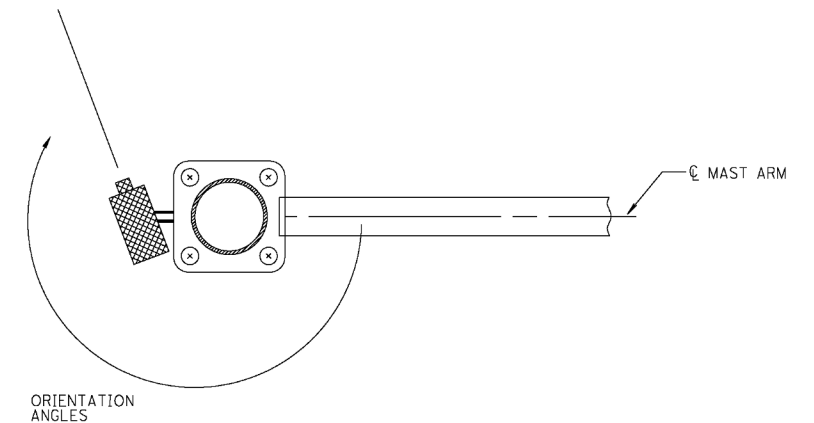
VIDEO DETECTION ZONE CHART

DETECTION ZONE ID	LOCATION	SIZE	PHASE CALLED	MODE	DELAY	EXTEND	DESCRIPTION
DZ-1	10' AHEAD OF STOP LINE	6' x 40' x 15'	6	Presence	8 Sec	2 Sec	WB
DZ-2	10' AHEAD OF STOP LINE	6' x 40' x 15'	4	Presence	8 Sec	2 Sec	SB
DZ-3	10' AHEAD OF STOP LINE	6' x 40' x 15'	8	Presence	8 Sec	2 Sec	NB
DZ-4	10' AHEAD OF STOP LINE	6' x 40' x 15'	2	Presence	8 Sec	2 Sec	EB

INHIBIT DELAY DURING ASSOCIATED GREEN INTERVAL

TYPE TC-81.21 SUPPORT POLE DATA

POLE DESIGNATION	TC-81.21 POLE DESIGN NUMBER	POLE HEIGHT (FT)	L (FT)	L1 (FT)	L2 (FT)			LOCATION	STATION	SIDE & OFFSET	ELEV. B	MAST ARM 'A' ANGLE (DEG)	ANGLES (DEG.) FROM MAST ARM 'A'				ANGLES (DEG.) FROM INDEX LINE 'B'
													PEDESTRIAN SIGNALS	PEDESTRIAN PUSH BUTTONS	HAND HOLE		VIDEO CAMERA ORIENTATION ANGLE (DEG)
A	12	24	48	35	47			USR 224	983+05	48' LT	1058.1	0	-	-	180		250
B	12	24	48	35	47			SR 13	134+25	48' LT	1058.8	0	-	-	180		245
C	11	23	42	29	41			SR 13	135+28	42' RT	1058.6	0	-	-	180		235
D	11	23	40	27	39			USR 224	984+13	40' RT	1060.3	0	-	-	180		245



NOTES:
ALL ANGLES MEASURED CLOCKWISE.

VIDEO DETECTION CAMERA
MOUNTING ORIENTATION DIAGRAM

