

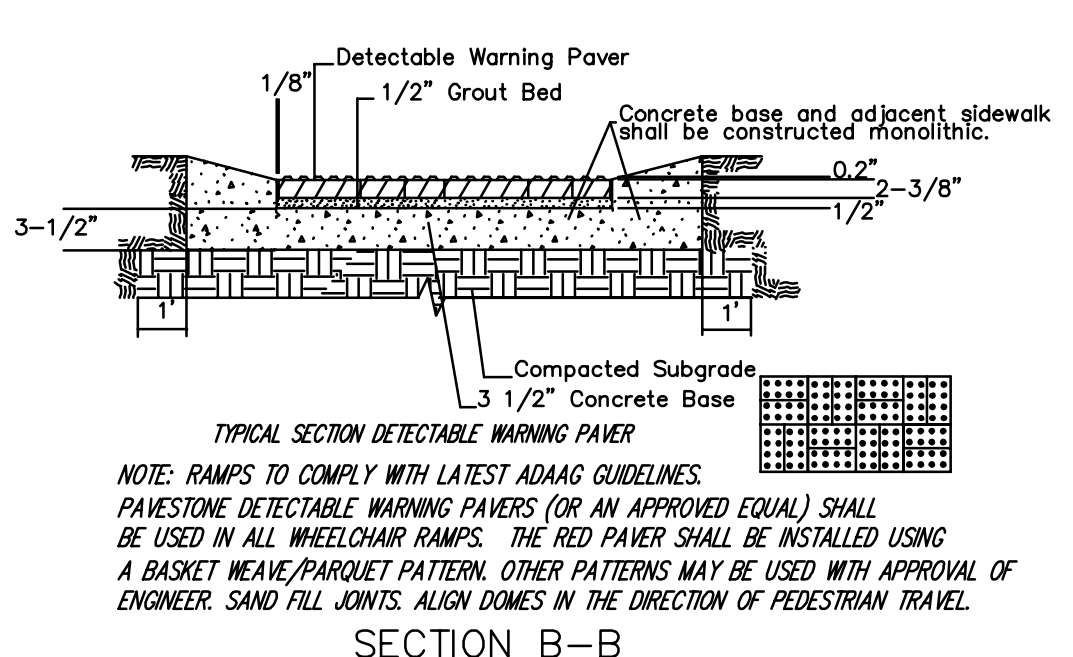
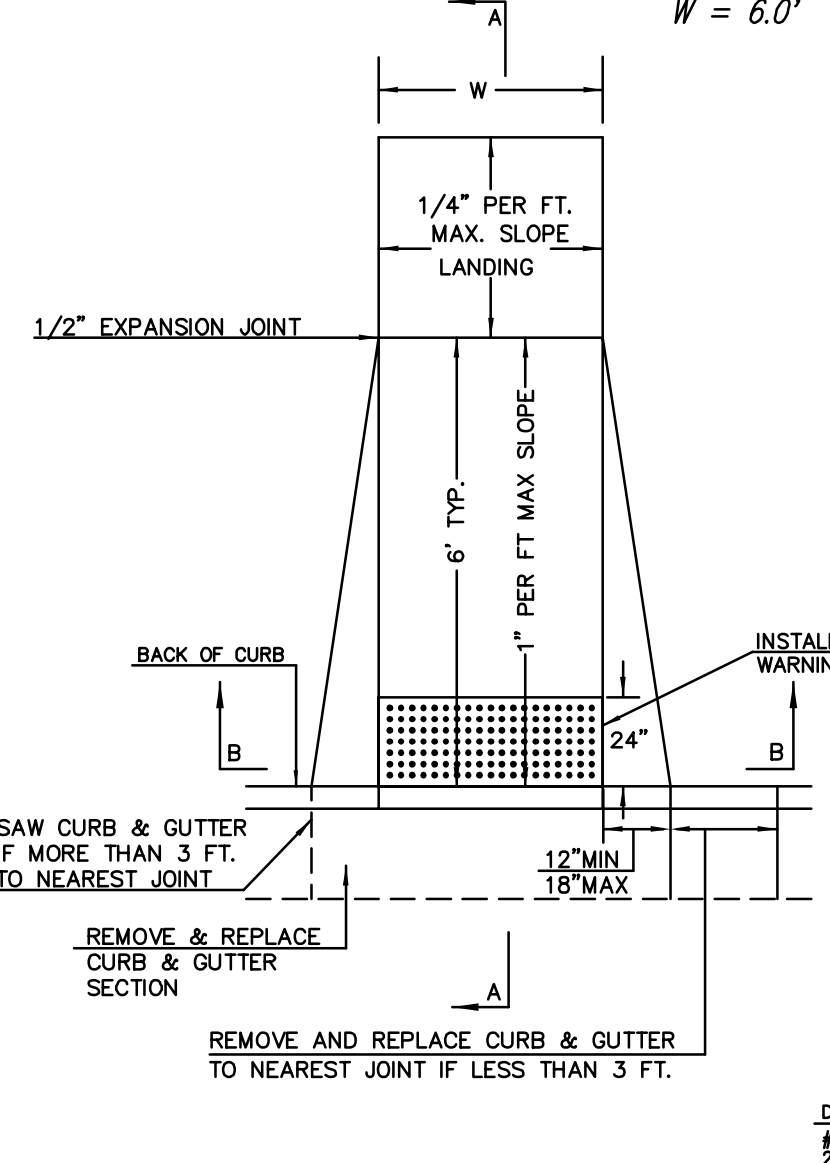
CONTROLLER DESCRIPTION

The Traffic Signal Controller shall comply with the requirements defined in the Specifications for a Type 170E Controller with 412b2 prom module and a 400 modem. It shall be furnished and installed with a Model 332 cabinet, 3-type 242 isolator units, 1 video detection unit, 6 switch packs, 2-type 204 flashers, 4 flash transfer relay, and a Model 210P conflict monitor MS or or ECL. The Controller shall also be furnished with W4IKS Verson 58

LEGEND

- ☐ Traffic Signal Pole with Mast Arm
- ☐ Traffic Signal Pedestal
- ☐ Traffic Signal Camera
- ☐ Traffic Signal Camera
- ☐ Luminaire with Arm
- ☐ Traffic Signal Head
- ☐ Traffic Signal Head with Backplate
- ☐ Pedestrian Signal Head
- ☐ Controller with pad
- ☐ Service Box (Pre-Fab)
- D(PHASE)-# Detector Zone
- ☐ Detector Zone
- ☐ R10-12 Sign
- Conduit
- ② Signal Phase
- △ Signal Pole Reference Number
- Street Name Sign
- ☐ Construct Std. Wheelchair Ramp
- ☐ Concrete Removal
- ☐ Curb and Gutter Removal

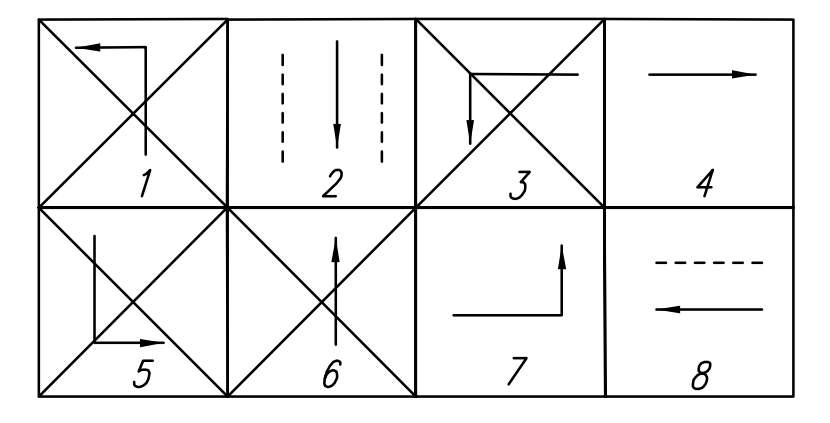
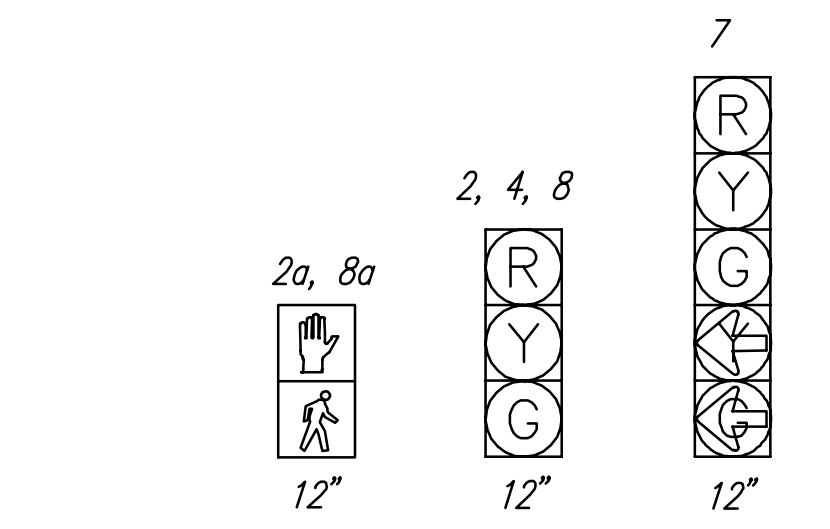
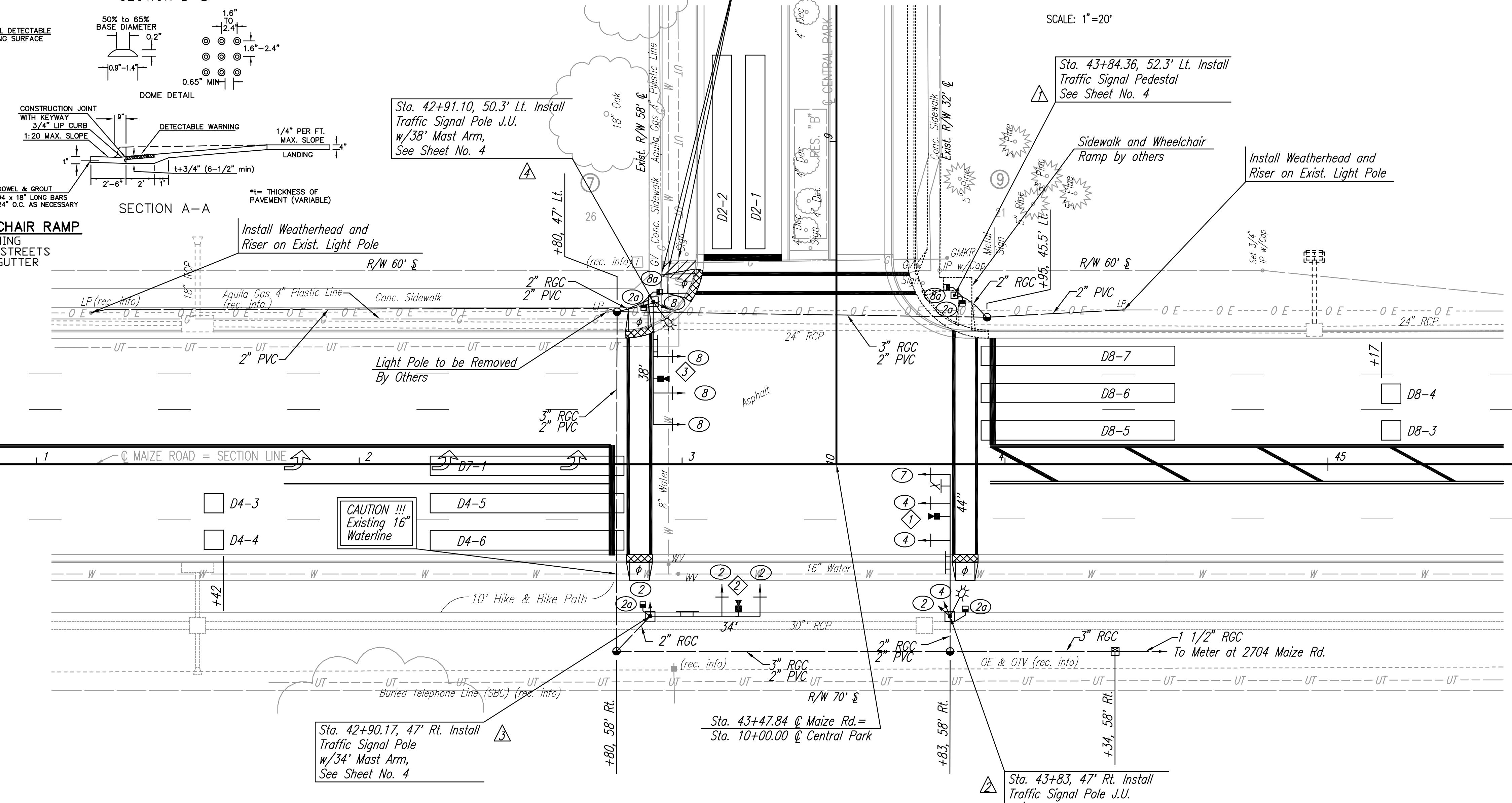
W= 4'0" FOR STANDARD RAMP
W= 5'0" FOR RAMPS AT SCHOOL CROSSWALKS
(OR TO MATCH EXISTING)



(TYPE A) STANDARD WHEELCHAIR RAMP

WITH DETECTABLE WARNING
CONSTRUCTION DETAIL FOR STREETS
WITH COMBINED CURB & GUTTER

Maize Rd. = Sta. 10+00.00 =
S.E. Corner
Sec. 6, T27S, R1W



	CENTRAL PARK AND MAIZE ROAD								
	PHASE	1	2	3	4	5	6	7	8
MAX. I	-	30	-	80	-	-	-	30	80
MAX. II/HFDW	-	30	-	80	-	-	-	30	80
WALK	-	8	-	-	-	-	-	-	8
FLASH DW	-	25	-	-	-	-	-	-	20
MAX. INITIAL	-	8.0	-	8.0	-	-	-	6.0	8.0
MIN. GREEN	-	10.0	-	10.0	-	-	-	8.0	10.0
T B R	-	-	-	25	-	-	-	1.0	-
T T R	-	-	-	15	-	-	-	1.0	-
OBSERVE GAP	-	-	-	-	-	-	-	-	-
PASSAGE	-	1.0	-	2.0	-	-	-	1.0	2.0
MIN. GAP	-	1.0	-	1.0	-	-	-	1.0	1.0
ADDED ACTUATION	-	2.0	-	2.0	-	-	-	1.0	2.0
YELLOW	-	3.5	-	4.0	-	-	-	3.0	4.0
RED CLEAR	-	2.0	-	2.0	-	-	-	1.0	2.0
RED REVERT	-	-	-	-	-	-	-	-	-
WALK II	-	-	-	-	-	-	-	-	-

The signal shall dwell green in #4 & #8.

FUNCTION	FUNCTION TABLE								
	PHASE	1	2	3	4	5	6	7	8
VEHICLE RECALL	-	-	-	X	-	-	-	-	X
PED RECALL	-	-	-	X	-	-	-	-	-
RED LOCK	-	-	-	-	-	-	-	-	-
YELLOW LOCK	-	X	-	-	-	-	-	X	-
PERMIT	-	X	-	X	-	-	-	X	X
PED PHASES	-	X	-	-	-	-	-	-	X
LEAD PHASES	X	-	X	-	X	-	X	-	-
DOUBLE ENTRY	-	-	-	X	-	-	-	-	X
SEQUENTIAL TIMING	-	-	-	-	-	-	-	-	-
START-UP YELLOW	-	X	-	-	-	-	-	-	-
OVERLAP A	-	-	-	-	-	-	-	-	-
OVERLAP B	-	-	-	-	-	-	-	-	-
OVERLAP C	-	-	-	-	-	-	-	-	-
OVERLAP D	-	-	-	-	-	-	-	-	-
EXCLUSIVE	-	-	-	-	-	-	-	-	-
SIMULTANEOUS GAP	-	-	-	-	-	-	-	-	-

DETECTOR SUMMARY							
CAMERA NO.	DETECTION ZONE	MODE	SIZE (LxW)	PHASE CALLED	PHASE EXTENDED	DELAY/STRETCH TIMER	INITIAL SETTING (SEC.)
1	D7-1	PRESENCE	60x6	7	7	-	-
1	D4-1to4	PULSE	6x6	4	4	S	1.0
1	D4-5&6	PRESENCE	60x6	4	4	-	-
2	D2-1	PRESENCE	60x6	2	2	-	-
2	D2-2	PRESENCE	60x6	2	2	D	3.0
3	D8-1to4	PULSE	6x6	8	8	S	1.0
3	D8-5&6	PRESENCE	60x6	8	8	-	-
3	D8-7	PRESENCE	60x6	8	8	D	3.0

SEE SHEET NO. 4 FOR WIRING DIAGRAM

TRAFFIC SIGNAL PLAN

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