

MOVEMENT DIAGRAM																																
NTOR	PHASE 1				PHASE 2				PHASE 3				PHASE 4				PHASE 5				PHASE 6				PHASE 7				PHASE 8			
	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL				
I N T E R V A S	MIN GRN																															
	WALK																															
	PED CLR																															
	VEH EXT																															
	MAX 1																															
	MAX 2																															
	YELLOW																															
	RED																															
	ADD INIT																															
	MAX INIT																															
	TBR																															
	TTR																															
	MIN GAP																															
	MODE																															
	INT START																															

TECHNICAL NOTES		OFFICE RECORD	
RECTANGULAR RAPID FLASHERS TO FLASH FOR XX SECONDS UPON ACTUATION. (XX-XX SECOND ADJUSTABLE.)		REV #	TIR # N/A
XX SECOND TIMER SHOULD RESET UPON EACH ACTUATION.		SM # N/A	
NOTE TO DESIGNER FOR TIMER CALCULATION:		SIGNAL REVISED:	
TYPICAL CALC = $7' + (28 \text{ FT} / 3.5 \text{ FT/SEC}) = 15'$		OR IF APPLICABLE UNDER PROJECT NO. XXXX-XXXX.	
MIN VALUE = 29 FEET / 3.5 FT/SEC = 9'			
MAX VALUE = $7' + (28 \text{ FT} / 3.0 \text{ FT/SEC}) = 17'$			

**CONSTRUCTION NOTES:**

ALL MATERIAL AND CONSTRUCTION METHODS SHALL CONFORM TO THE FOLLOWING CURRENT D.O.T. DOCUMENTS WHICH CAN BE ACCESSED ON THE CTDOT WEBSITE:  
 - STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION (FORM 817)  
 - SUPPLEMENTAL SPECIFICATIONS TO FORM 817  
 - STANDARD INSTALLATION AND GUIDE DETAIL SHEETS.

ALL TRAFFIC EQUIPMENT IS NEW.  
 STAKE ALL R.O.W. PRIOR TO EXCAVATION.  
 ANY PROPOSED REVISIONS TO THE LOCATION OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY CITY/TOWN PRIOR TO INSTALLATION

THE LOCATION OF TRAFFIC SIGNAL FOUNDATIONS WHEN IN OR ADJACENT TO SIDEWALKS SHALL BE VERIFIED PRIOR TO INSTALLATION TO PROVIDE A FREE PATH OF NOT LESS THAN 4 FEET. IF A MINIMUM 4 FOOT FREE PATH IS UNAVAILABLE NOTIFY THE ENGINEER AND CONTACT THE CITY/TOWN

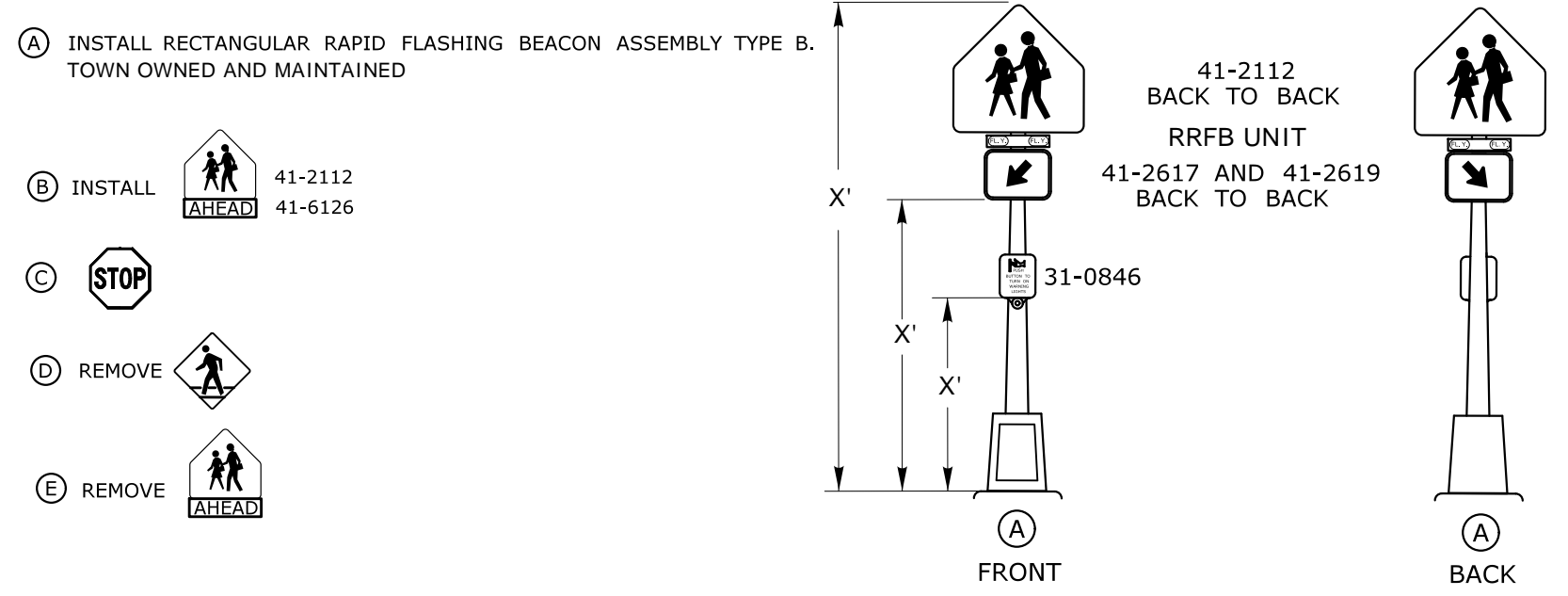
COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION, 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES.  
 SEE SPECIAL PROVISION ITEM #1117XXX-A RECTANGULAR RAPID FLASHING BEACON - TYPE B.  
 REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT PER SPECIAL PROVISION.

- INSTALL RISER ON CL&P #XXX UTILITY POLE.
- INSTALL TYPE XX SIDEWALK RAMP PER GUIDE SHEETS.
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- INSTALL PEDESTAL FOUNDATION, 4'-4" PEDESTAL AND FLASHER CABINET ADJACENT TO LANDING AREA. CABINET DOOR TO OPEN FIELD SIDE.
- INSTALL RRFB ASSEMBLIES ON X' PEDESTALS.
- INSTALL PEDESTAL FOUNDATIONS ADJACENT TO THE LANDING AREAS.

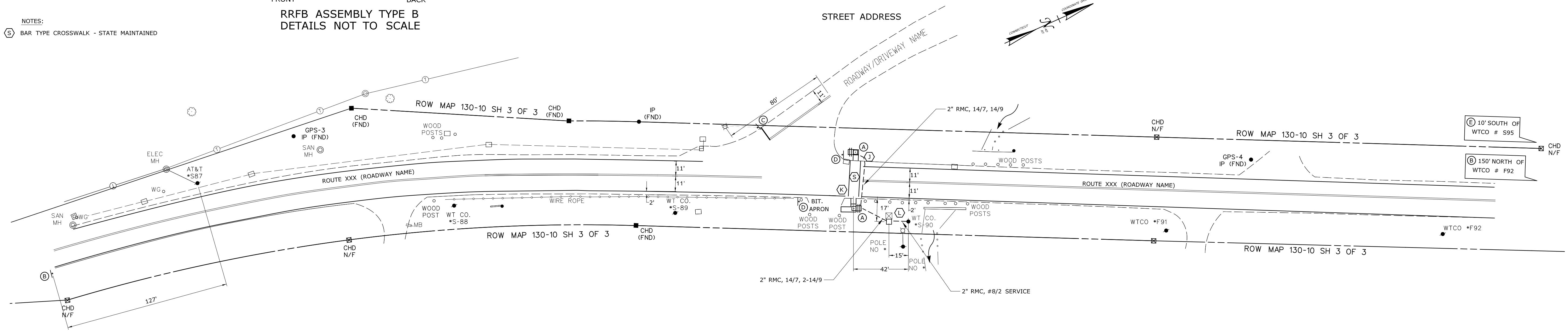
CONTRACTOR TO ERADICATE AND INSTALL ALL PAVEMENT MARKINGS AS INDICATED BELOW:

(ADD APPROPRIATE NOTES AS APPLICABLE)

**SIGN LEGEND: NOTE TO DESIGNER: USE APPROPRIATE SIGNS - REFER TO MUTCD**



- NOTES:
- (S) BAR TYPE CROSSWALK - STATE MAINTAINED



**SAMPLE PLAN - HARD WIRED RRFB FOR REFERENCE ONLY**

**TOWN RRFB ASSEMBLY**

ENGINEER	TRAFFIC	DATE	ELECTRICAL	DATE
INTERSECTION #XXX-XXX				
RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (RRFB)				
ENERGY BY-TOWN			ADDRESS #	
MAINT LEVEL: N/A			SERVICE POLE- WT CO. #S-90	
UNMETERED SERVICE				

NO.	DATE	REVISION DESCRIPTION

LEGEND:	TRAFFIC SIGNAL FACE	PROPOSED CONTROLLER	VC VIDEO CAMERA CABLE
R RED	TRAFFIC SIGNAL FACE	EXISTING CONTROLLER	CABLE CLOSURE
Y YELLOW	PEDESTRIAN SIGNAL FACE	PROPOSED CONTROLLER	WIRELESS SENSOR
G GREEN	DET. LEADS IN SAW CUT	SYSTEM DETECTOR	WIRELESS RECEIVER
←R RED ARROW	PROPOSED RMC (RIGID METAL CONDUIT)	MAGNETIC DETECTOR	WIRELESS TRANSMITTER
←Y YELLOW ARROW	EXISTING RMC (RIGID METAL CONDUIT)	OPTICAL DETECTOR	GUY WIRE
←W WALK/ PED. CLR	AUXILIARY TERMINATION CABINET	VIDEO DETECTOR	PROPOSED HANDHOLE
D.W. DON'T WALK	AUXILIARY EQUIPMENT CABINET	AUDIO DETECTOR	EXISTING HANDHOLE
FL. FLASHING	VIDEO DETECTION ZONE		

**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**

ROUTE XXX (ROADWAY NAME) AT ROADWAY/DRIVEWAY NAME AND/OR STREET ADDRESS

DATE PLOTTED : 5/15/2018 D:\Users\dsantical\Desktop\Documents\TR\_MSH\_TCS\_130\_207\_sample.dgn

SCALE 1" = 40'

TOWN:	PROJECT NO.
INSERT TOWN NAME	XXXX-XXXX
TRAFFIC CONTROL SIGNAL PLAN	TCS-
	SHEET NO.