

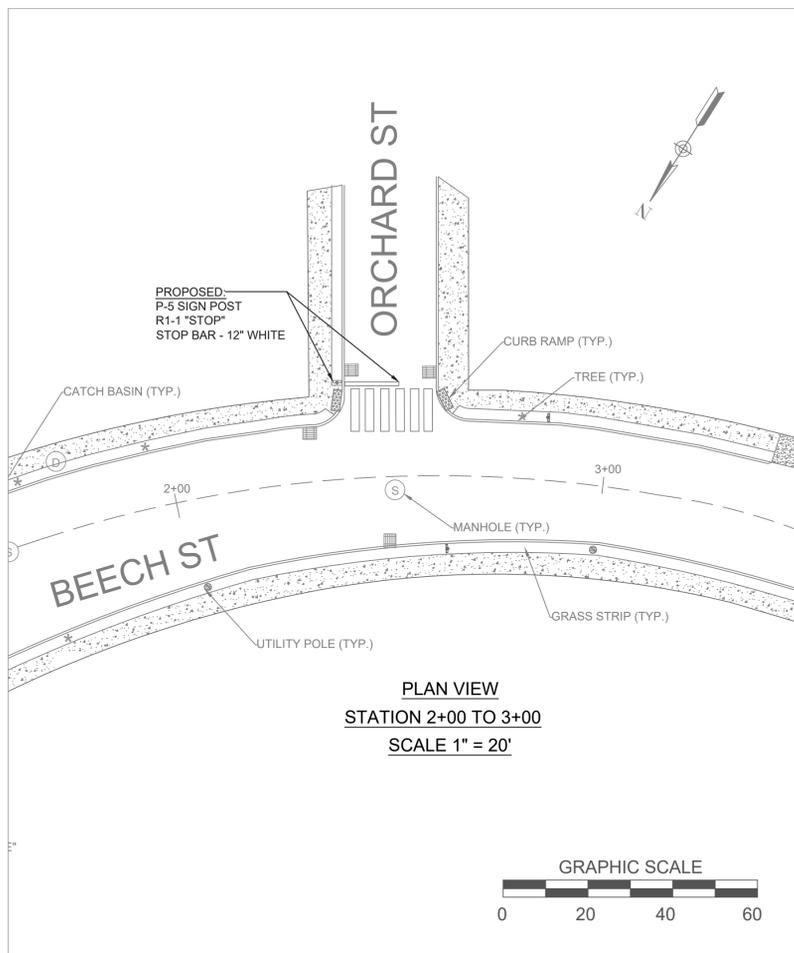
BEECH STREET SAFETY IMPROVEMENTS CONCEPT

PLAN VIEW
STATION 0+00 TO 11+00
SCALE 1" = 40'

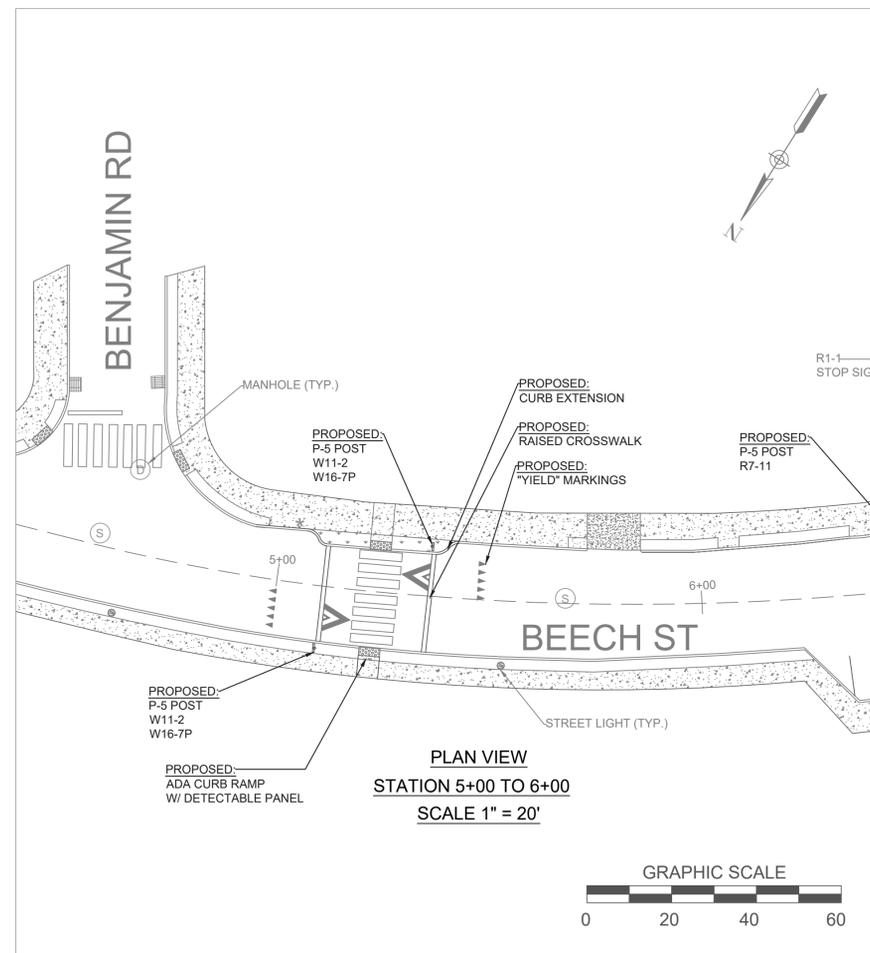


GENERAL NOTES:

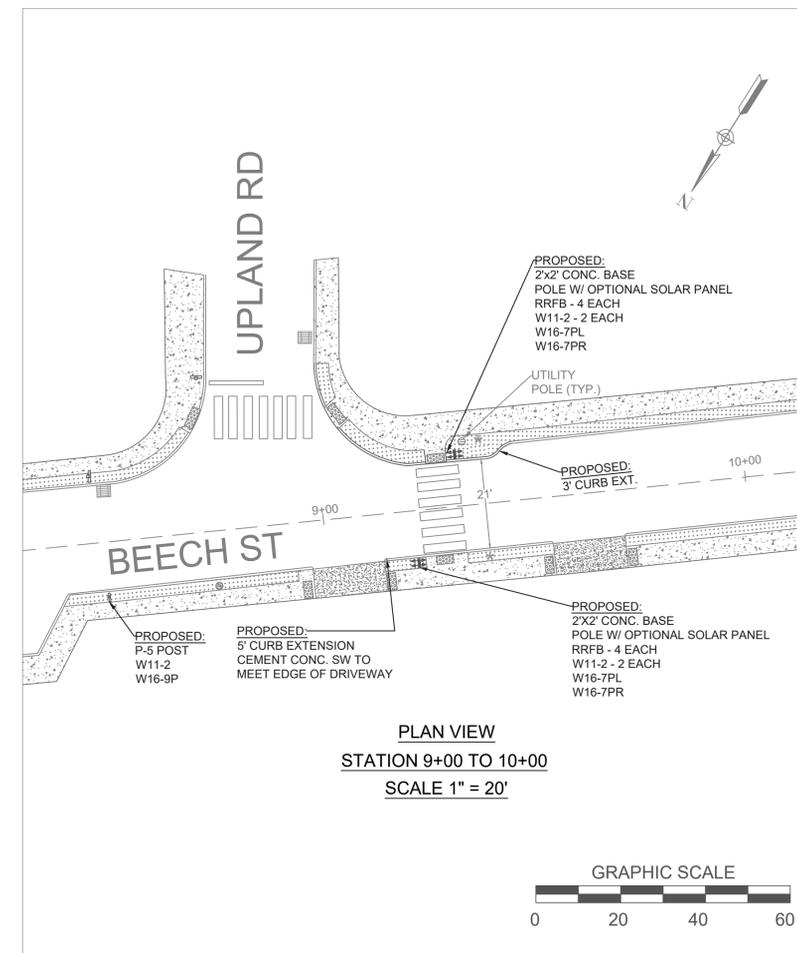
- 1) A FORMAL SURVEY WAS NOT COMPLETED. PLANS WERE COMPILED USING A COMBINATION OF EXISTING RECORDS AND FIELD SURVEYS.
- 2) THE CONTRATOR IS REQUIRED TO CALL IN A DIG-SAFE TICKET 72 BUSINESS HOURS PRIOR TO EXCAVATIONS.
- 3) PROPOSED SIGN LOCATIONS ARE APPROXIMATED LOCATIONS, FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE TOWN ENGINEER.
- 4) TREE PRUNING AND CLEARING OF SHRUBS MAY BE REQUIRED TO INCREASE STOPPING SIGHT DISTANCE.
- 5) EROSION CONTROL MEASURES SHALL BE INSTALLED AT ALL CATCH BASIN INLETS WITHIN THE WORK ZONE.



PLAN VIEW
STATION 2+00 TO 3+00
SCALE 1" = 20'



PLAN VIEW
STATION 5+00 TO 6+00
SCALE 1" = 20'



PLAN VIEW
STATION 9+00 TO 10+00
SCALE 1" = 20'



SCALE: VARIES

DRAWN BY: AC

CHECKED BY: WAC

DATE: DECEMBER 2025

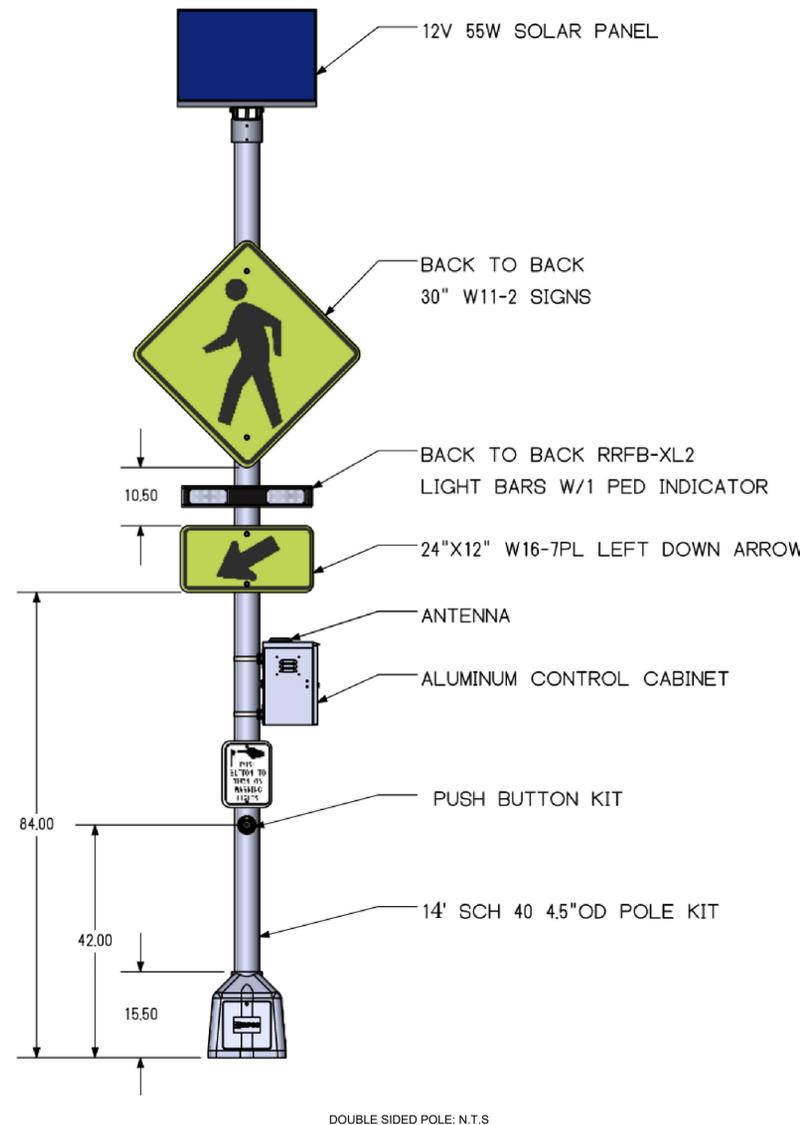
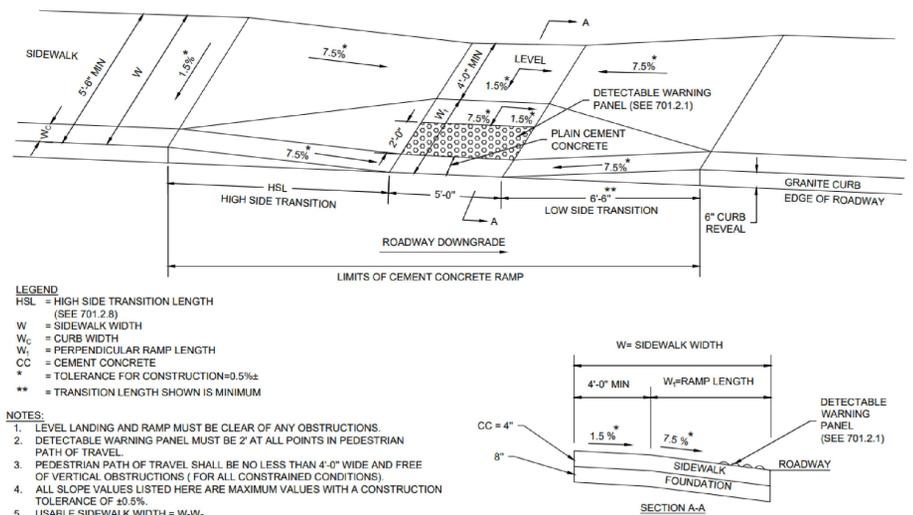
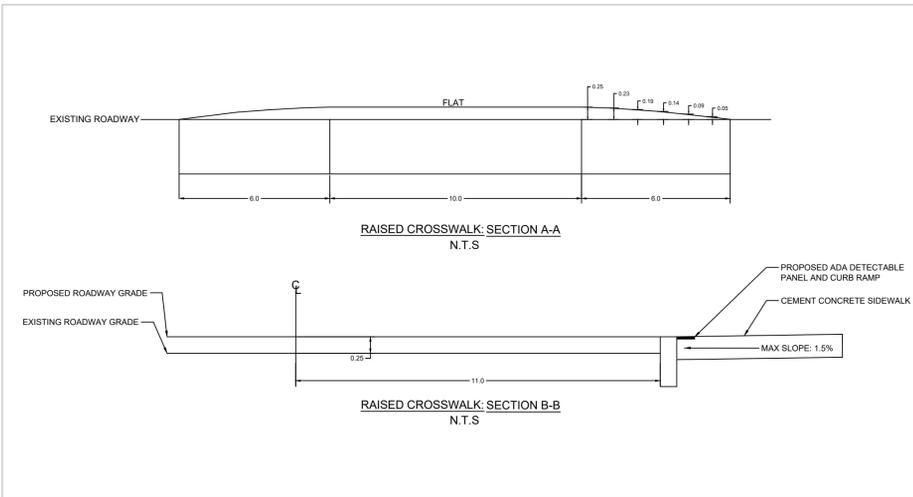
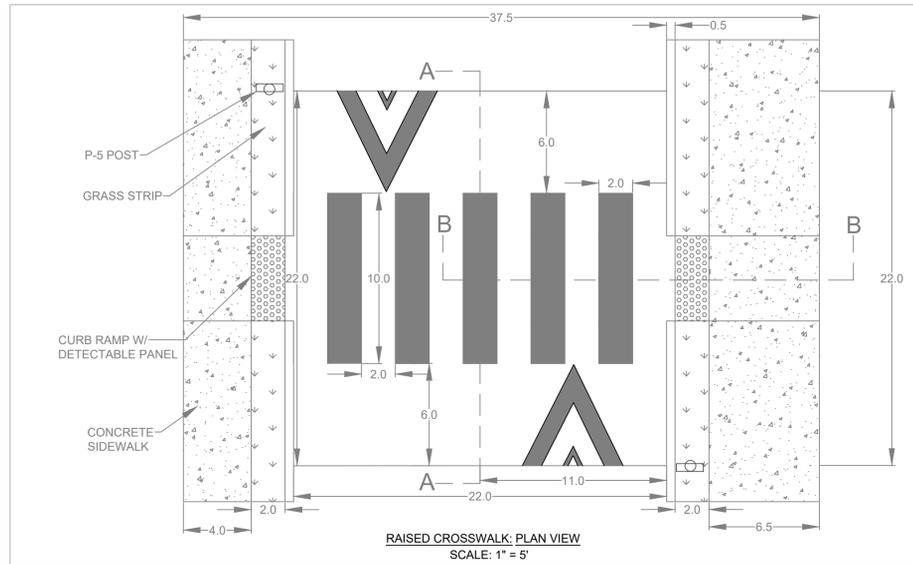
REVISION:

ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

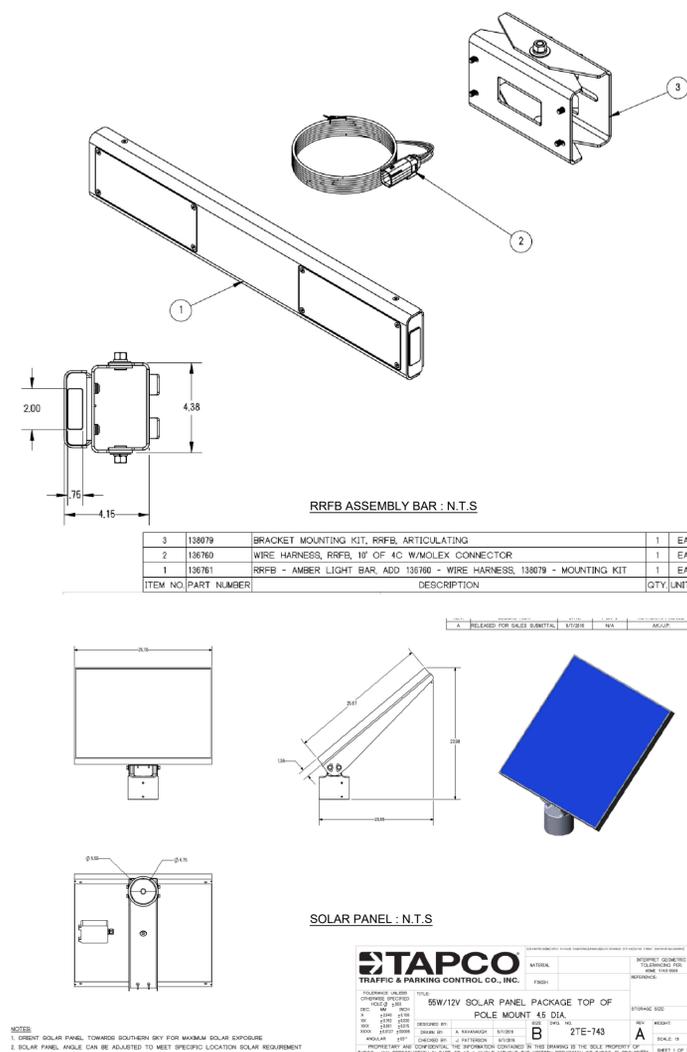
19 MOORE STREET

BELMONT, MA 02478



SPECIFICATIONS

POWER INPUT	10 to 24VDC (from control circuit)
PUSH BUTTON	ADA compliant with field adjustable directional arrow. Optional locate tone available.
ACTIVATION CONFIRMATION	Yellow LEDs and voice confirmation activated when push button is pressed.
SPEAKER	Weather resistant; 10 watt audio amplifier Maximum volume: 100 dB at 1 meter
INSTRUCTIONAL SIGN	9" x 12"; retroreflective sheeting with tamper-resistant mounting screws. Larger signs available upon request.
OPERATING FORCE	3 pounds maximum
IDLE CURRENT DRAW	~1.2mA
PEAK CURRENT DRAW	~500mA with voice message at maximum
LED CURRENT	22mA typical
ENCLOSURE	Cast aluminum housing with yellow powder coat finish, watertight 0-ring seals. Black powder coat finish available.
INSTALLATION	2 holes on 6.0" centers, tapped 1/4-20 plus 1/2" or larger hole for wire access
PUSH BUTTON OUTPUT	Driven low to ground when the push button is pressed
MICROPHONE INPUT	0 to 1.5V feedback based upon ambient noise
OPERATING TEMPERATURE RANGE	-30°F to 140°F (-34°C to 60°C)
DIMENSIONS	5.50"W x 14.10"L x 2.60"H



- GENERAL NOTES:**
- 1) A FORMAL SURVEY WAS NOT COMPLETED. PLANS WERE COMPILED USING A COMBINATION OF EXISTING RECORDS AND FIELD SURVEYS.
 - 2) THE CONTRATOR IS REQUIRED TO CALL IN A DIG-SAFE TICKET 72 BUSINESS HOURS PRIOR TO EXCAVATIONS.
 - 3) PROPOSED SIGN LOCATIONS ARE APPROXIMATED LOCATIONS, FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE TOWN ENGINEER.
 - 4) TREE PRUNING AND CLEARING OF SHRUBS MAY BE REQUIRED TO INCREASE STOPPING SIGHT DISTANCE.
 - 5) EROSION CONTROL MEASURES SHALL BE INSTALLED AT ALL CATCH BASIN INLETS WITHIN THE WORK ZONE.

SCALE: VARIES
 DRAWN BY: AC
 CHECKED BY: WAC
 DATE: OCTOBER 2025
 REVISION:
 ENGINEERING DIVISION
 DEPARTMENT OF PUBLIC WORKS
 19 MOORE STREET
 BELMONT, MA 02478