SIDEWALK RAMP IMPROVEMENTS
ON
HIGHLAND AVENUE (CT ROUTE 10)
CHESHIRE, CT

PREPARED FOR
TOWN OF CHESHIRE

84 MAIN STREET
CHESHIRE, CT 06410

LIST OF SHEETS
DATE: 07/27/22
REVISED:

LAYOUT & GRADING PLAN 1
LAYOUT & DETAILS PLAN 2
TRAFFIC CONTROL SIGNAL PLAN (DATED JUNE 2022) 3
TRENCHING, BACKFILLING & ELECTRICAL CONDUIT DETAIL 4
TRAFFIC CONTROL FOUNDATIONS 5
EXISTING TRAFFIC SIGNAL CONTROL PLAN - FOR INFORMATION ONLY

TITLE LIST OF CT DOT STANDARD SHEETS
TR-1102_01 PEDESTALS, PEDESTRIAN SIGNALS
TR-1107_01 PEDESTRIAN PUSH BUTTONS
TR-1210_04 PAVEMENT MARKING LINES AND SYMBOLS
TR-1210_08 PAVEMENT MARKINGS FOR NON FREEWAYS
TR-1220_01 SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS
TR-1220_02 CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES
ENCROACHMENT PERMIT - PAVEMENT REPAIR

PREPARED BY:

Project No. 3981-08
NOTES
1. REMOVE EXISTING PEDESTRIAN SIGNAL COLUMNS AND BRACKETS, REMOVE SIGNAL BOXES WITH BRACKETS, REMOVE EXPANDED METAL ARMS.
2. SIGNAL BOXES TO BE REPLACED WITH 4" TUBE;
3. REMOVE EXISTING PEDESTRIAN SIGNAL PEDESTAL;
4. REMOVE EXISTING CONCRETE SIDEWALK & RAMPS;
5. REMOVE EXISTING PEDESTRIAN PUSH BUTTON & EXPANDED METAL ARMS;
6. REMOVE EXISTING CONCRETE CURBING;
7. REMOVE EXISTING PEDESTRIAN PEDESTAL;
8. REMOVE EXISTING SIDEWALK & RAMPS;
9. REMOVE EXISTING CONCRETE RAMP (TYPE 13) @ 5%+/-
10. REMOVE EXISTING SIDEWALK & RAMPS;
11. REMOVE EXISTING PEDESTRIAN PEDESTAL;
12. REMOVE EXISTING CONCRETE CURBING;
13. REMOVE EXISTING PEDESTRIAN PEDESTAL;
14. REMOVE EXISTING SIDEWALK & RAMPS;
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136. REMOVE EXISTING CONCRETE CURBING;
137. REMOVE EXISTING PEDESTRIAN PEDESTAL;
1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRAVERSE TO THE SLOPE OF THE RAMP.

2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED EXPANSION OR CONTRACTION JOINT.

4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.3 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.

7. 2' WIDE DETECTABLE WARNING STRIP

1/4" MAX. LIP HEIGHT

48" MIN. RAMP LENGTH

7.1% TYP.

8.33% MAX.

SIDEWALK AND RAMP GENERAL NOTES:

- SIDEWALK RAMP IMPROVEMENTS

- SIDEWALK RAMP

Cement Concrete Sidewalk

NOT TO SCALE

TOWN OF CHESHIRE

750 HIGHLAND AV

NEW MEDITRUST

91133 CL&P

752 HIGHLAND AV

BITUMINOUS SIDEWALK

7" MIN. EMBEDMENT

BITUMINOUS CURB

N/F

PAVEMENT (TYP.)

WITH NON-WALKING SURFACE

SIDEWALK RAMPS

48" MIN.

LIP HEIGHT

4" LOAM & SEED

VARIES

FACE OF CURB

1/2"/FT

SCALE:

OFFICE REVIEW

PROJ. MANAGER

PROJ. ENGINEER

KRG

DPL

Environmental Consulting

www.bandlct.com

41 Sequin Drive

CHESHIRE, CT

Barton

Aguidice
 detects the warning tape. 

When the detector is activated, the tape is exposed. 

![Diagram of pavement and sidewalk construction details](https://example.com/diagram.png)
Civil Engineering

Land Surveying

PROJ. ENGINEER

PROJ. MANAGER

OFFICE REVIEW

PROJECT

DATE

DPL

KRG

KRG

REVISIONS

SCALE:

NOT TO SCALE

HIGHLAND AVENUE

PREPARED FOR

TOWN OF CHESHIRE

TRAFFIC CONTROL FOUNDATION

PEDESTAL - TYPE I - PRECAST

NOTES:

PLACE A 3"X3" GRILLED STONE IN CENTER OPENING AFTER CONCRETE 9GROUNDROD,HAVE BEEN INSTALLED.

TRAFFIC CONTROL FOUNDATION

PEDESTAL - TYPE I - CAST IN PLACE

TRAFFIC CONTROL FOUNDATION

CONTROLLER - TYPE IV - PRECAST

TRAFFIC CONTROL FOUNDATION

CONTROLLER - TYPE IV - CAST IN PLACE

TYPICAL CONCRETE SIDEWALK

AT CONTROLLER FOUNDATION

NOTES:

INSTALLATION ON 10' OF COMPACTED GRAVEL IN ACCORDANCE WITH SECTION 2.16.

LEVEL FOUNDATION WITH A PRECISION OF 1" ABOVE FINISHED GRAVEL.

INSTALL COPPER GROUND ROD 5/8" X 12".

SIDEWALK WILL BE 5' IN WIDTH, WITH 4 CONCRETE OPENINGS.

TRAFFIC CONTROL FOUNDATION - TYPE IV - CAST IN PLACE

NOTE:

INSTALL FOUNDATION ON 10' OF COMPACTED GRAVEL IN ACCORDANCE WITH SECTION 2.16.

LEVEL FOUNDATION WITH A PRECISION OF 1" ABOVE FINISHED GRAVEL.

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