

COMMUNITY CONNECTIVITY RAMP AND SIDEWALK IMPROVEMENTS

BRISTOL, CONNECTICUT

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DIRECTOR OF PUBLIC
RAYMOND A. ROGOZINSKI, P.E.

CITY ENGINEER
NANCY LEVESQUE, P.E.

JANUARY 8, 2020

Contract : 2C21-003



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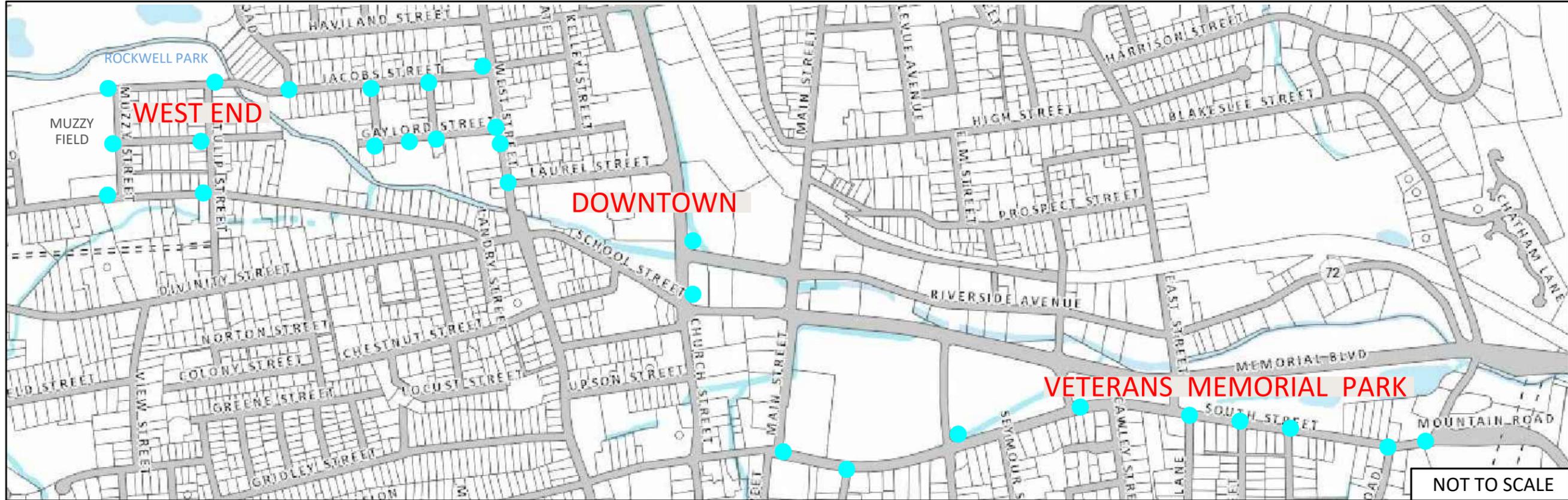
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**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
COVER

DRAWING NO.:
V-1

RSA STUDY AREA - BRISTOL CT - VICINITY MAP



General Notes:

- 1-All ramps shall comply with DOT standards. (see details on sheets 38-46)
- 2-Contractors shall contact CALL-BEFORE-U-DIG at 1-800-922-4455 for mark out of utilities 72 hours prior to any excavation.
- 3-All methods and materials of construction shall comply with the standards and specifications of the City of Bristol.
- 4-The contractor shall pay all utility company fees and coordinate all work with utility company as required. The owner shall reimburse the contractor for all fees that are not covered under a separate owner/utility company agreements.
- 5-The contractor shall arrange for resetting of curb boxes, valve boxes, and removal and/or relocation of utility poles and overhead wires with the appropriate utility companies, as required.
- 6-The Contractor shall employ all necessary means to control and prevent water pollution and erosion, through the use of filtration fences, hay bales, and related measures, as depicted in these contract documents and as ordered by Engineer.
- 7-The contractor shall employ all necessary barricades, signs, traffic cones, traffic men, etc. for maintenance and protection of traffic as required by the CT DOT and City of Bristol.
- 8-A driveway apron and/or sidewalk permit obtained from the Public Work Department, will be required prior to constructing any driveway apron and/or sidewalk within the City R.O.W. The contractor constructing the driveway apron and/or sidewalk within the City R.O.W shall notify the City highway inspector 48 hours prior to any such construction to the make arrangements for an inspection of any driveway apron and/or sidewalk installation. No concrete (Portland cement and/or Bituminous) shall be placed prior to an inspection by the City highway inspector.
- 9-The contractor shall restore any damaged curbs, pavement, structures, sidewalks, etc, damaged during construction to their original condition or better, as directed by Engineer.

RSA COMMUNITY CONNECTIVITY PROJECTS			
SYMBOL	QTYS	UNITS	DESCRIPTIONS
	-	-	ADA compliant curb ramp location
	23	EACH	Crosswalks
	7	EACH	Stop bars
	9,600	SF	Sidewalks
	71	EACH	Ramps

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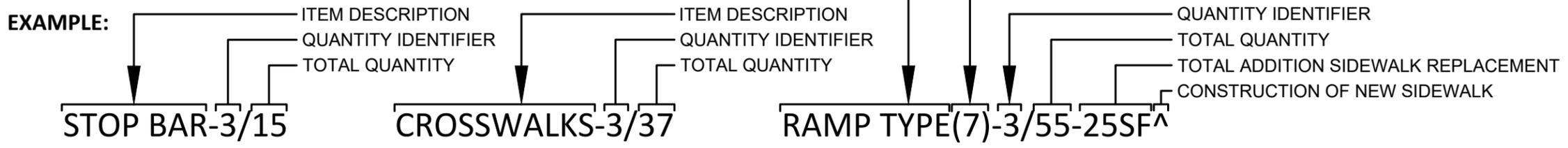
COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
VICINITY MAP

DRAWING NO.:
V-2

ITEM	RAMPS																					TOTALS										
	1		3		6		7		8		9		11		13		15		17		20		21		RAMPS		CONCRETE		CROSSWALKS		STOPBAR 12" WIDE	
	AVERAGE AREA	75(SF)	100(SF)	125(SF)	125(SF)	75(SF)	75(SF)	75(SF)	75(SF)	50(SF)	50(SF)	50(SF)	100(SF)	100(SF)	R/R*	NEW*	RAMP (SF)	SIDEWALK (SF)	EA	SF	EA	SF	EA	SF								
MUZZY ST																																
C-1^A			1													2	1			2	1				4	3	400	675	3	430	3	36
C-2	1																								1	0	75	50	2	375	1	16
TULIP ST																																
C-3																									0	0	0	0	4	575		0
C-4							4																		4	0	480	0	4	625		0
HAILAND ST																																
C-5																1									0	1	50	2,050	1	170		
C-6	1				1		2																		4	0	435	3,375	1	165	1	10
GAYLORD ST																																
C-7							1									2									5	0	370	75	1	165		
C-8									1						2										3	0	225	225	1	155		
C-9			1				1																		2	0	220	125	1	170		
WEST ST																																
C-10													1												1	0	50	125	1	170		
NORTH MAIN ST																																
C-11							2						2												4	0	390	280	1	200	1	
C-12							2						1												3	0	315	120				17
MEMORIAL BLVD																																
C-13	1												1		1										2	0	150	100			1	27
C-14^	2																								2	0	150	850	2	580		
SOUTH ST																																
C-15	2		1				3						1												8	0	735	875	1	180		
C-16							2																		2	0	240	0				
C-17							1		1				1												3	0	270	200				
C-18							3						1												4	0	435	250	1	170		
C-19																2									2	0	100	100				
C-20							6																		6	0	720	100				
C-21							5						1												6	0	650	50				
C-22							2																		2	0	240	0				
ITEMS	1	3	6	7	8	9	11	13	15	17	20	21	R/R*	NEW*	RAMP	SIDEWALK (SF)	CROSSWALKS	STOPBAR														
SUB TOTALS	7	0	3	0	1	0	34	0	2	0	9	0	1	0	7	3	2	0	2	1	0	0	1	0	69	4	6,700	9,625	-	4130	-	106
TOTAL	7	3	1	34	2	9	1	10	2	3	0	1	73	4	6,700	16,325	24	4130	7	106												

R/R* (REMOVE AND REPLACE) = SAWCUT AND REMOVE EXISTING CONCRETE/ PAVEMENT REQUIRED TO RECONSTRUCT, INCLUDING ALL CURB AND GRADE TRANSITIONS
 ^ = CONSTRUCT NEW SIDEWALK (TOTAL CONSTRUCTION OF NEW SIDEWALK IS 1050SF (250 ON C-1 AND 800SF ON SHEET C-22))

**LABELING DESCRIPTION:
DESCRIPTION-COUNT/TOTAL**



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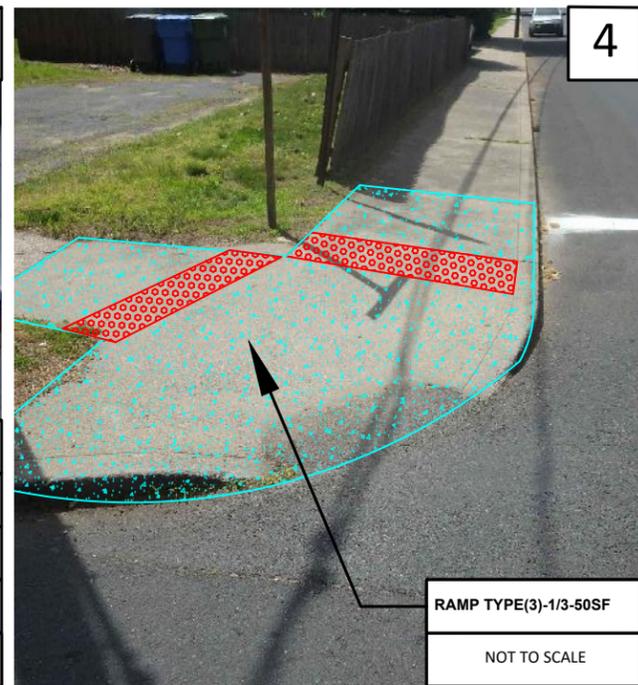
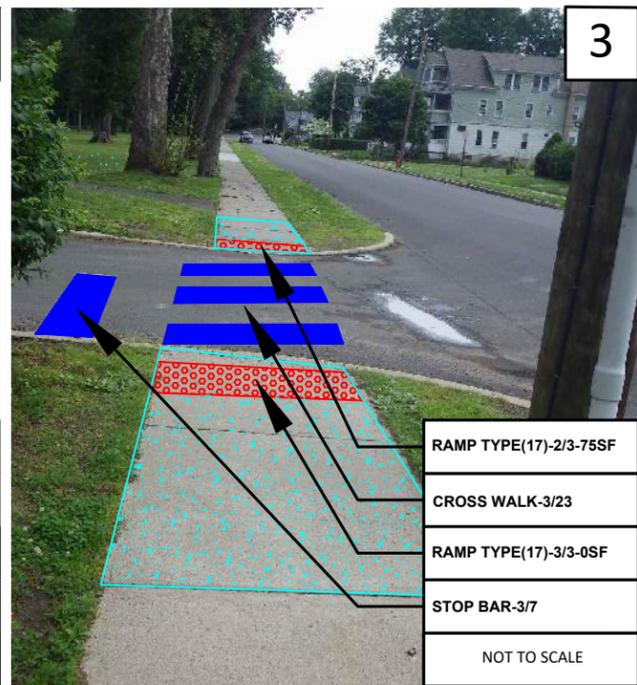
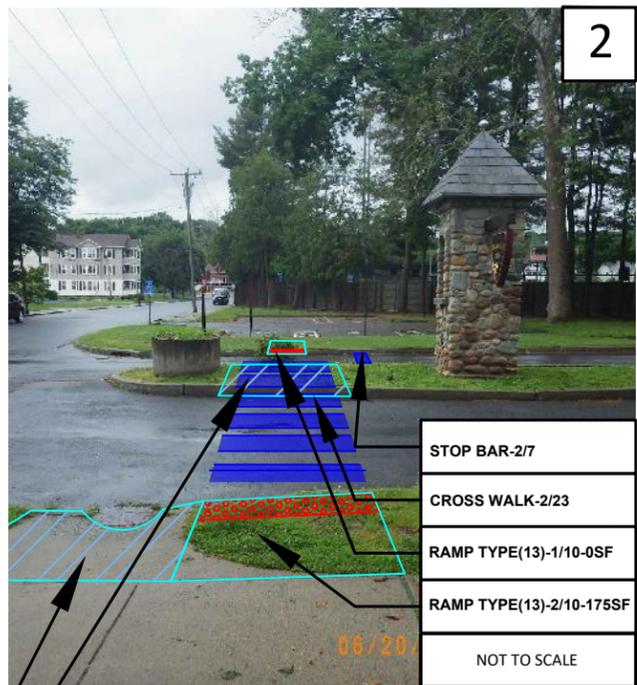
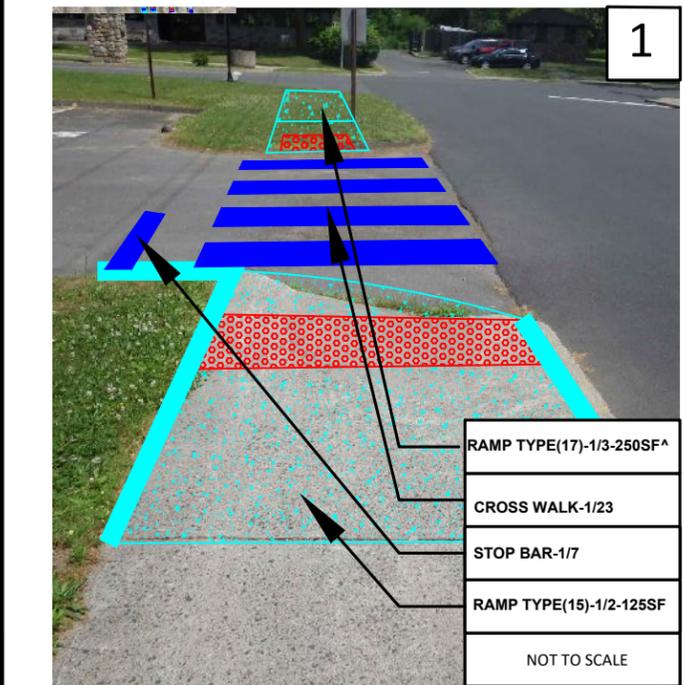
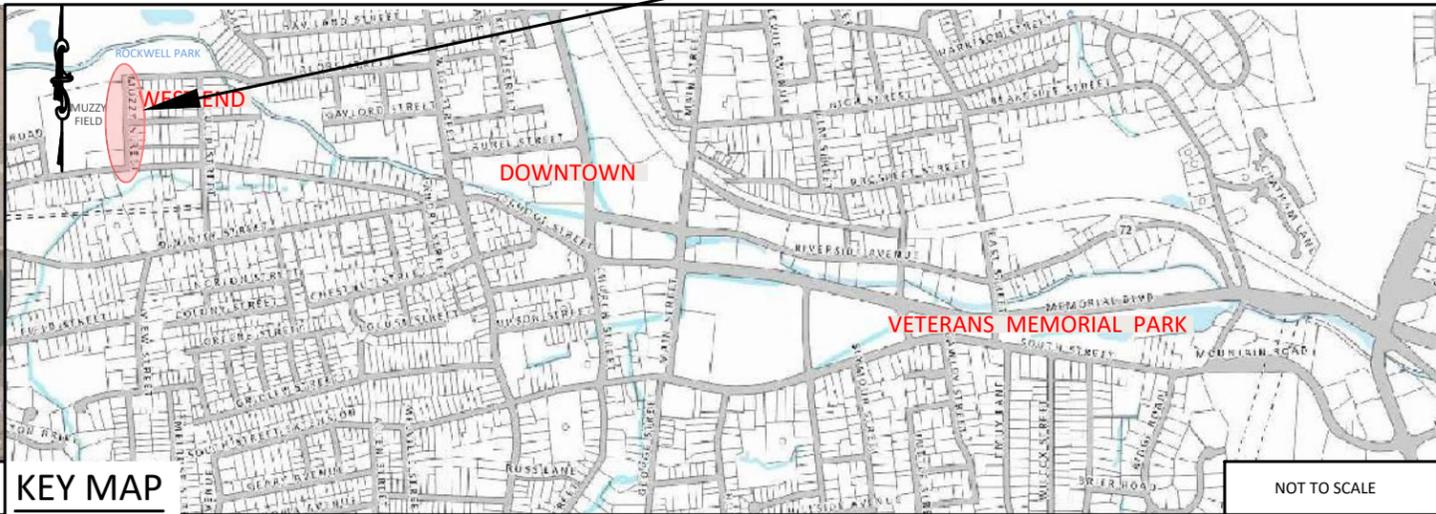
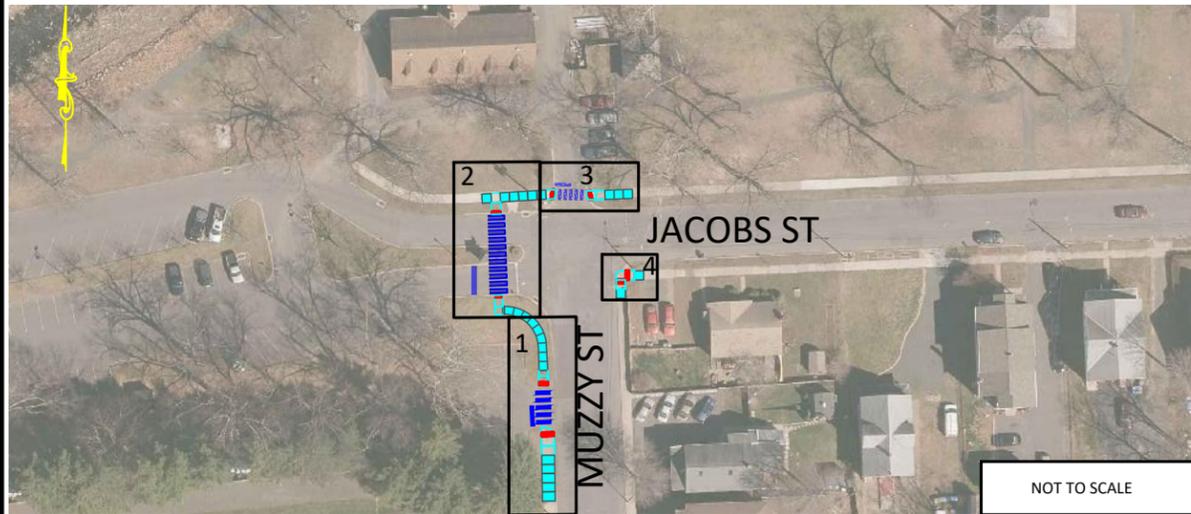
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PROJECT # 2021-003

**COMMUNITY
CONNECTIVITY PROGRAM**
 Bristol, Connecticut
 SUMMARY TABLE

DRAWING NO.:
V-3



NOTES:
 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.
 3- SEE FIGURE 1 FOR ADDITION SIDEWALK DIMENSIONS.

MUZZY ST (JACOBS ST)

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

Bristol
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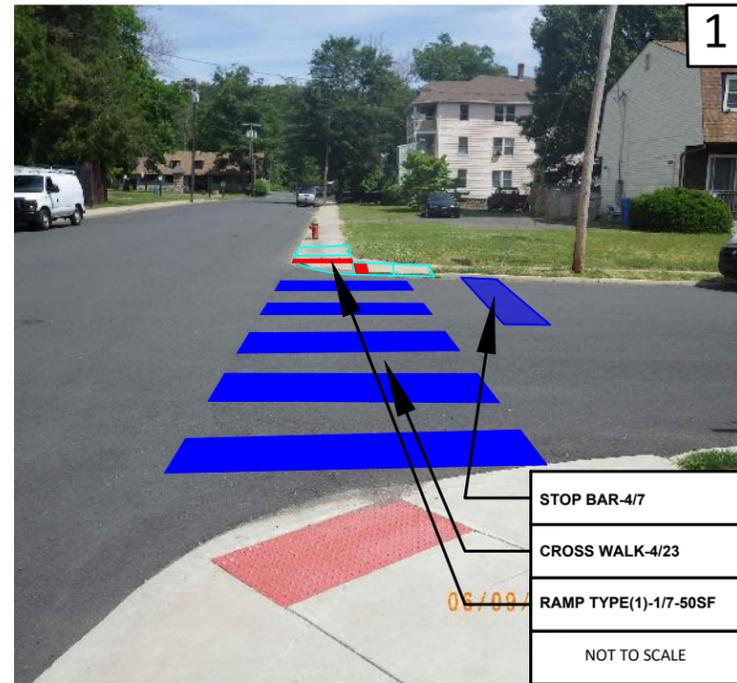
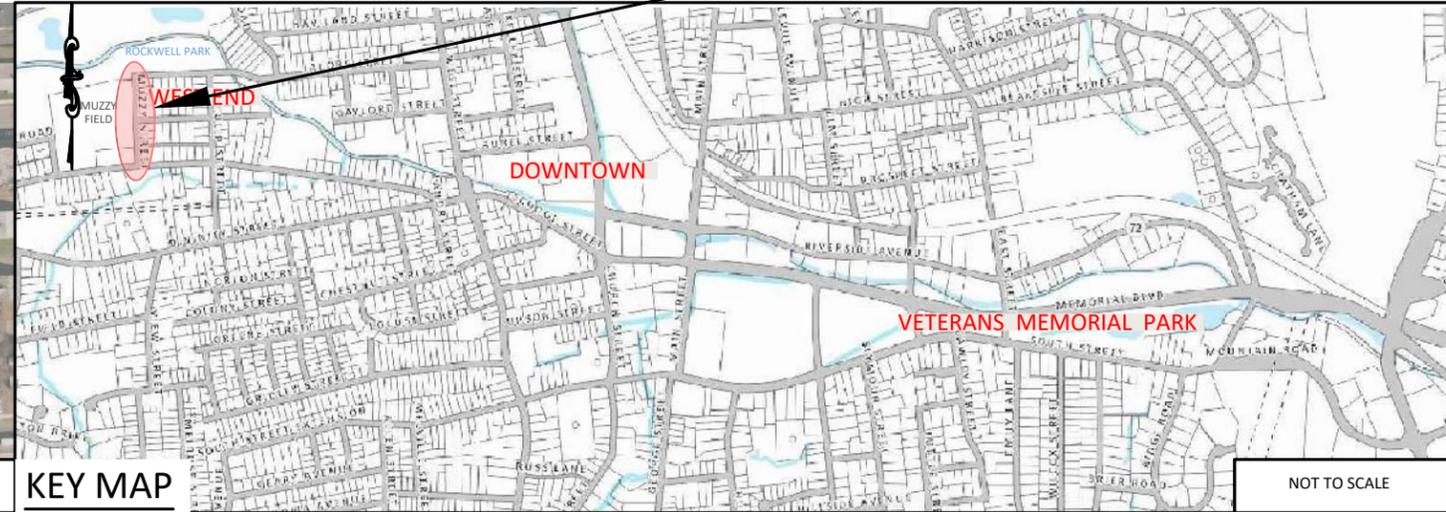
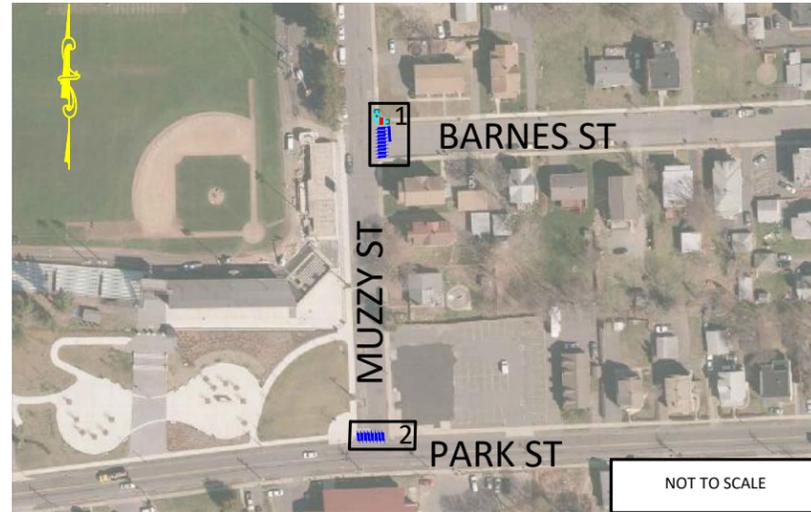
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**COMMUNITY
 CONNECTIVITY PROGRAM**
 Bristol, Connecticut
 MUZZY ST (JACOBS ST)

DRAWING NO.:
C-1



NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

MUZZY ST (BARNES AND PARK ST)

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

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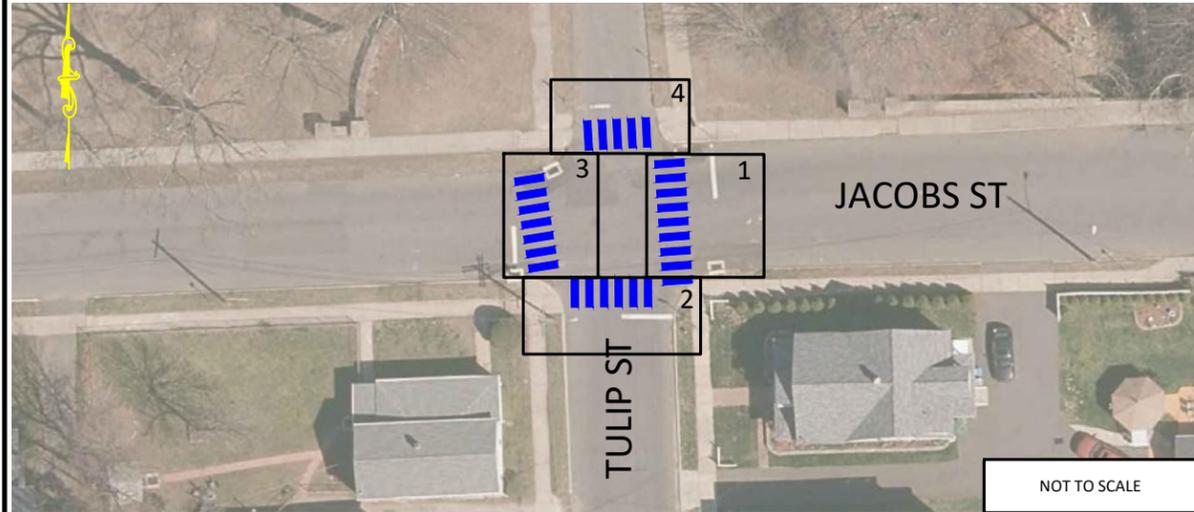
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**COMMUNITY
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Bristol, Connecticut
MUZZY ST (BARNES AND PARK ST)

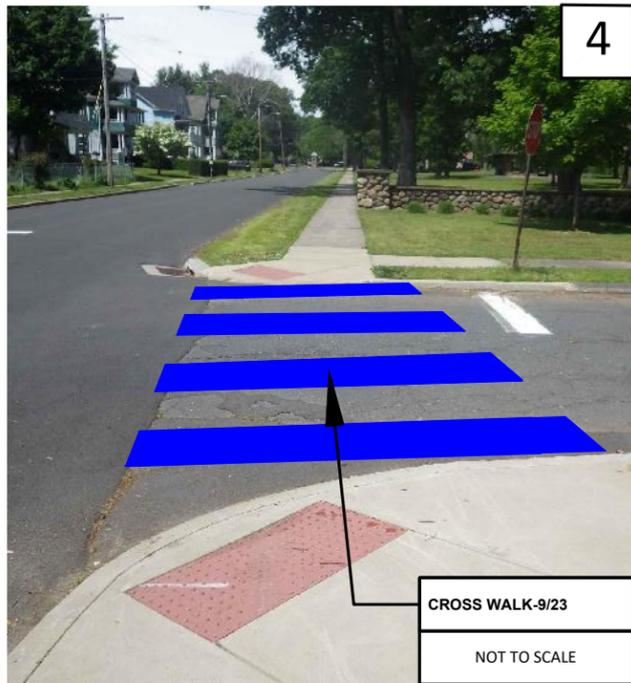
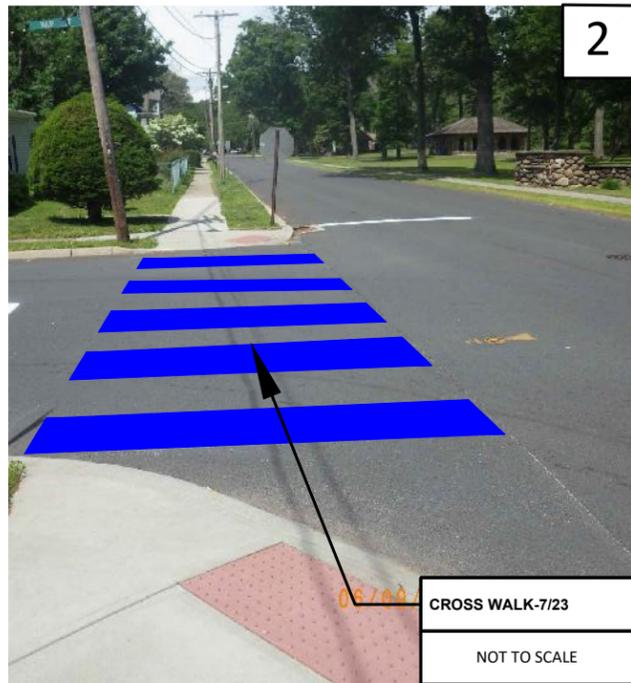
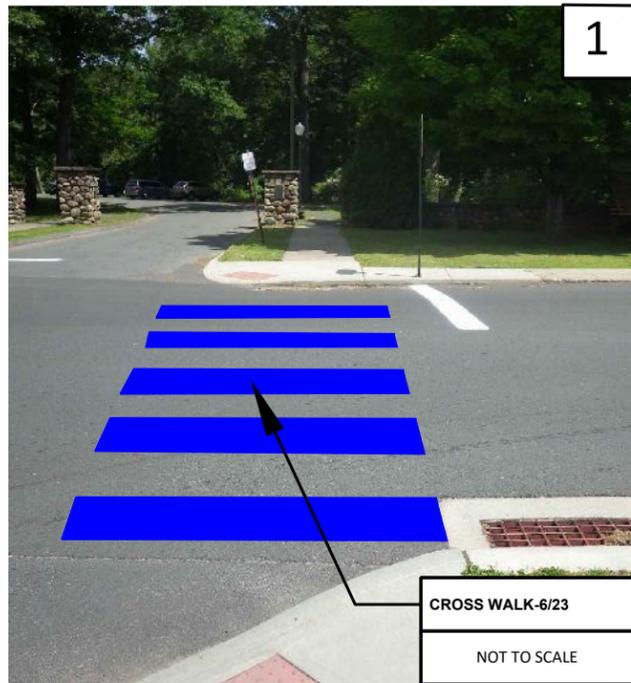
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C-2



NOT TO SCALE



NOT TO SCALE



NOTES:

1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.

2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

TULIP ST (JACOBS ST)

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

Bristol
CONNECTICUT
Public Works

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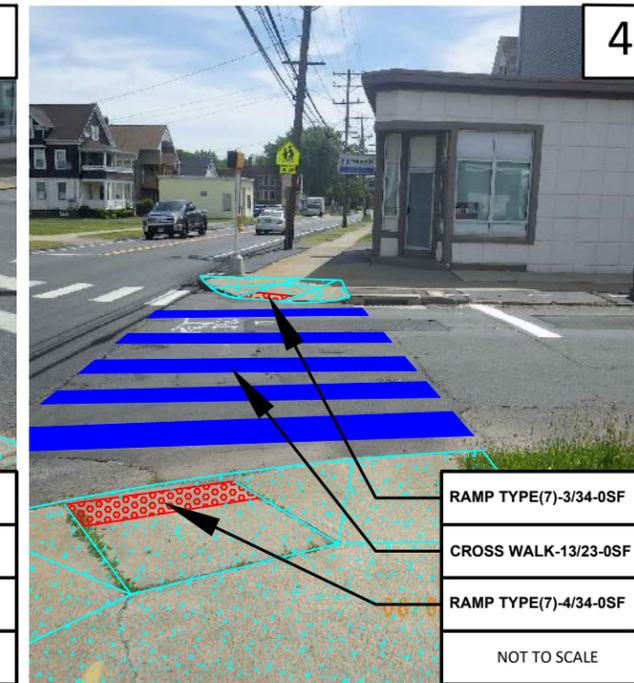
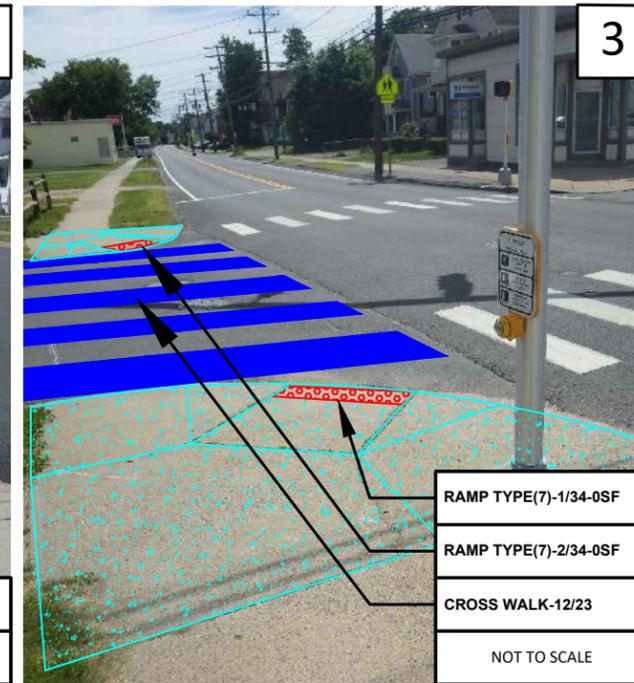
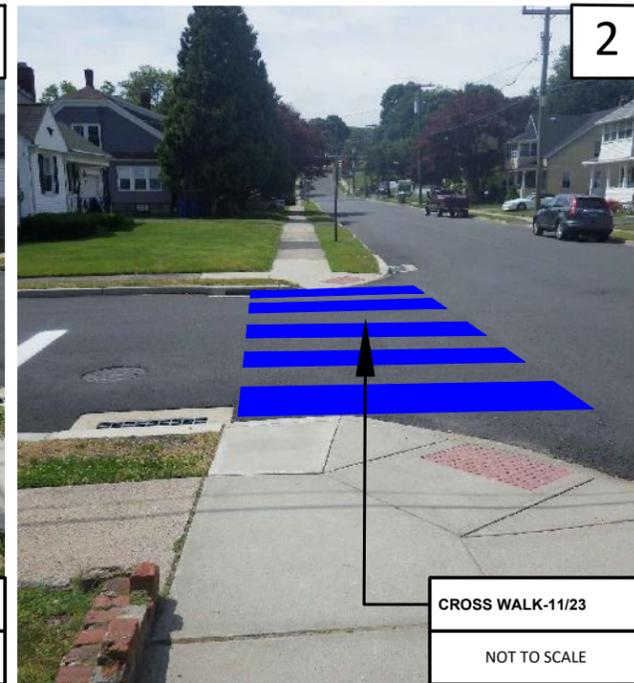
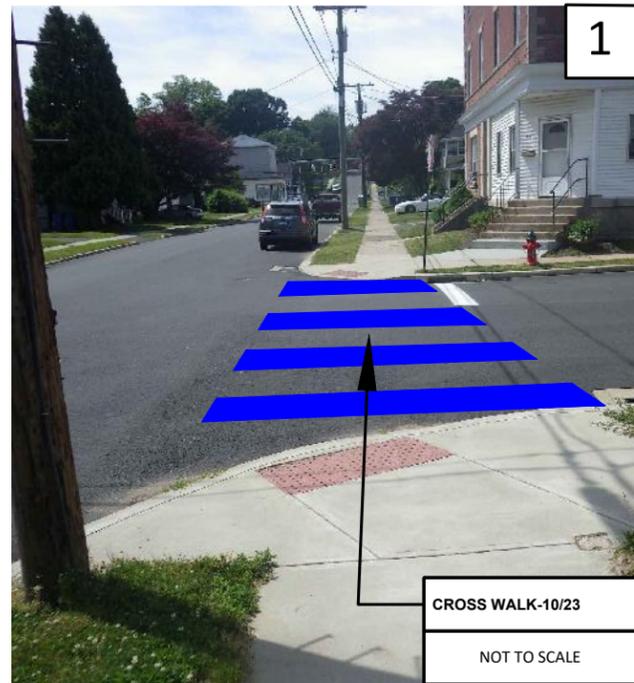
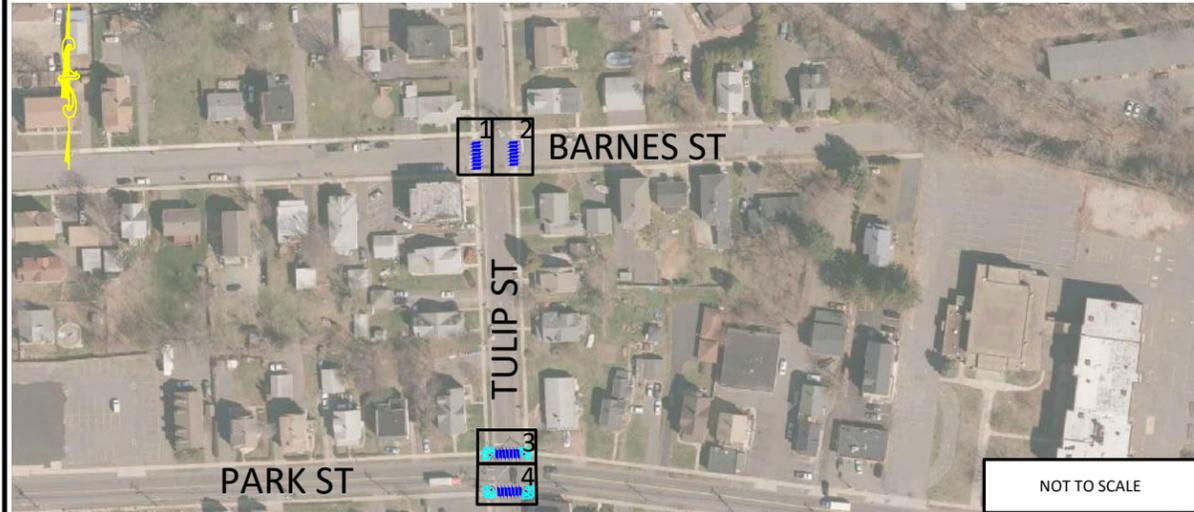
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**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
TULIP ST (JACOBS ST)

DRAWING NO.:
C-3



NOTES:

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TULIP ST (BARNES ST)

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

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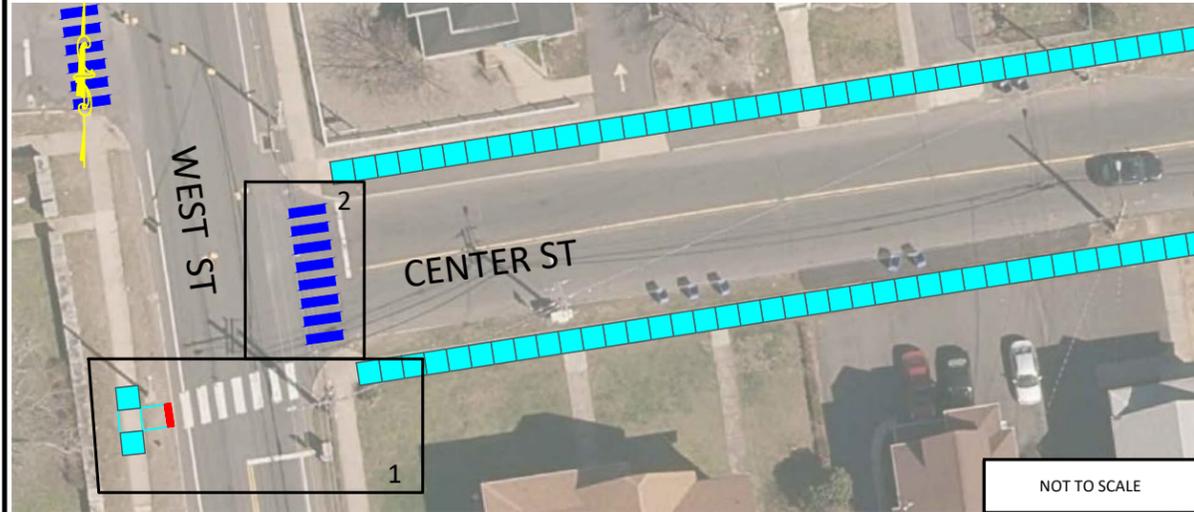
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Bristol, Connecticut
TULIP ST (BARNES ST)

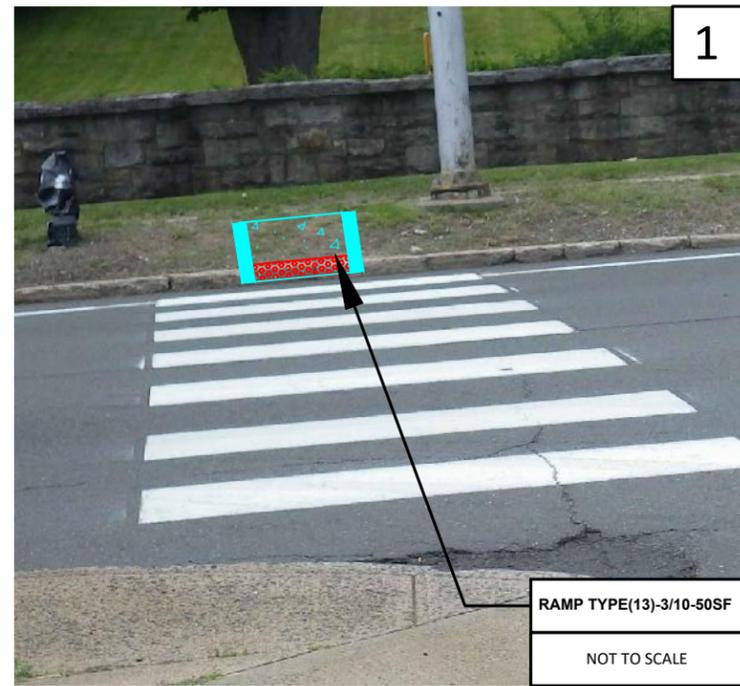
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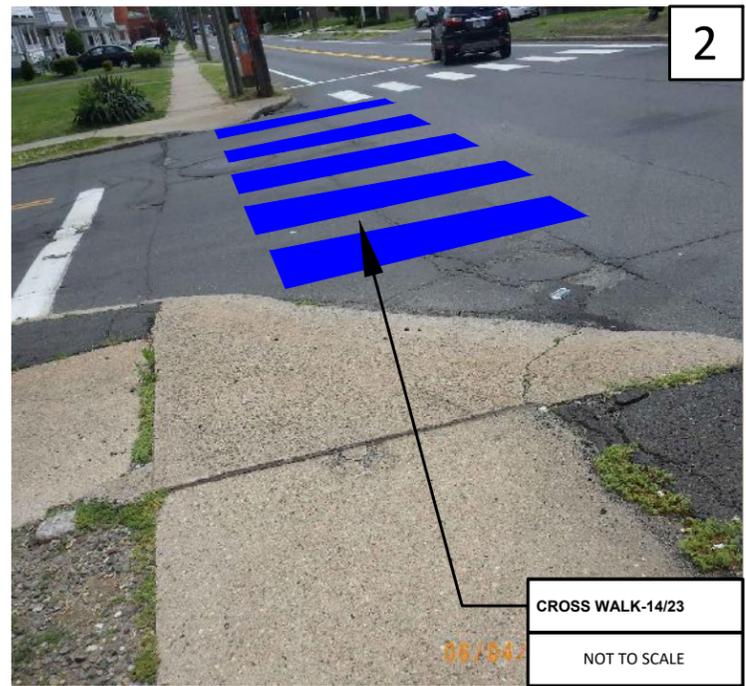
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NOT TO SCALE



RAMP TYPE(13)-3/10-50SF
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CROSS WALK-14/23
NOT TO SCALE

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CENTER ST (WEST ST)

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

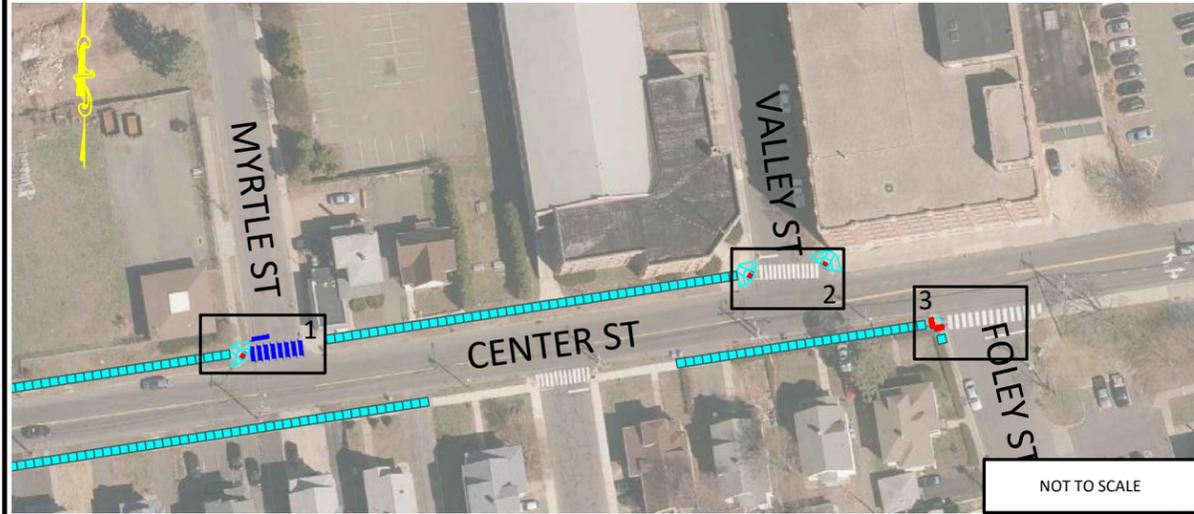


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Bristol, Connecticut
CENTER ST (WEST ST)

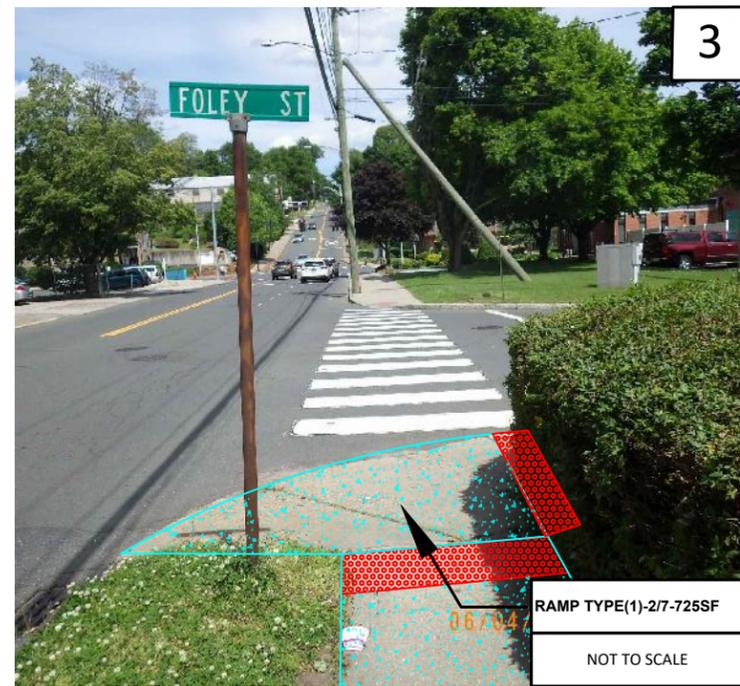
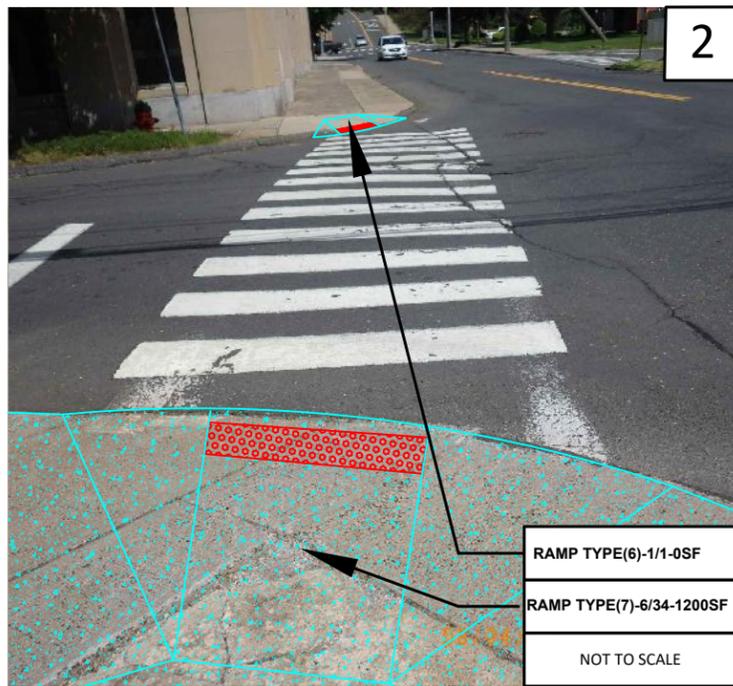
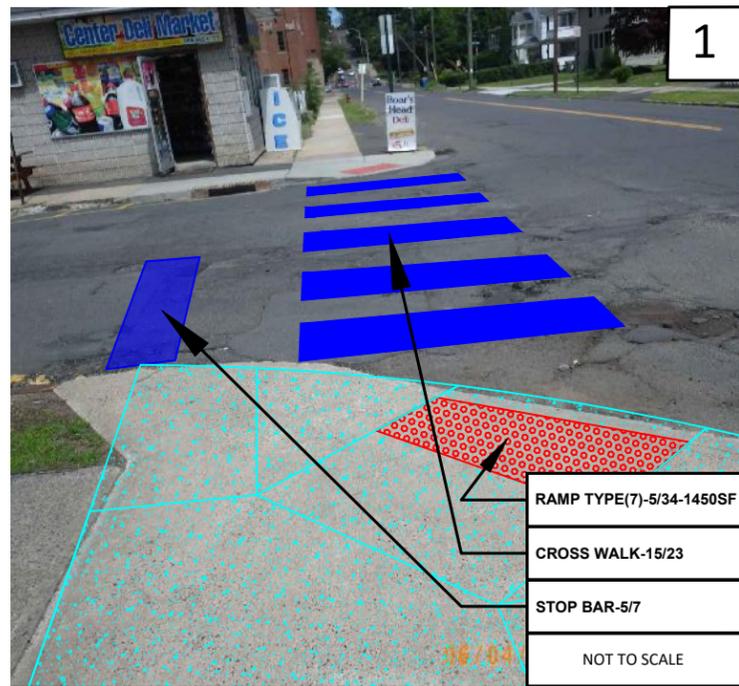
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KEY MAP

NOT TO SCALE



NOTES:

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- 3- SEE FIGURE 2 FOR ADDITION SIDEWALK DIMENSIONS.

CENTER ST (MYRTLES, VALLEY AND FOLEY ST)

**LEGEND:
SYMBOLS**

- | SYMBOLS | DESCRIPTIONS |
|---------|---|
| | REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS |
| | MARK PEDESTRIAN CROSSING |
| | STOP BAR |
| | SIDEWALKS |



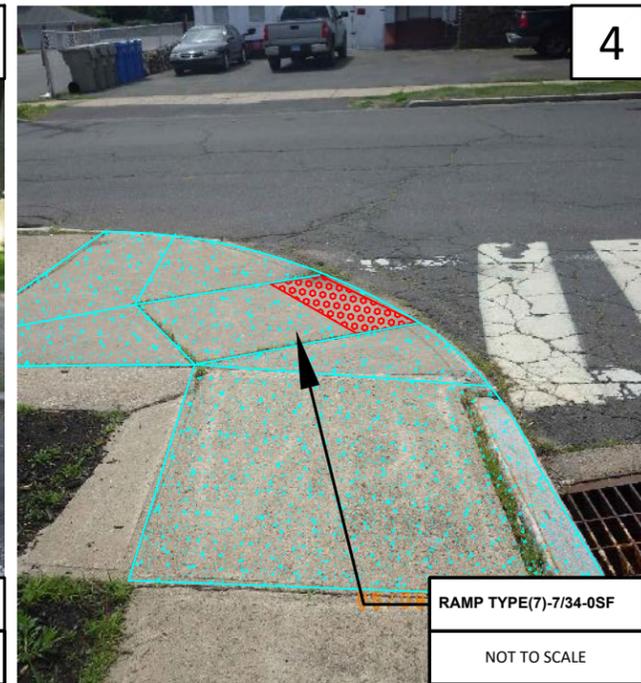
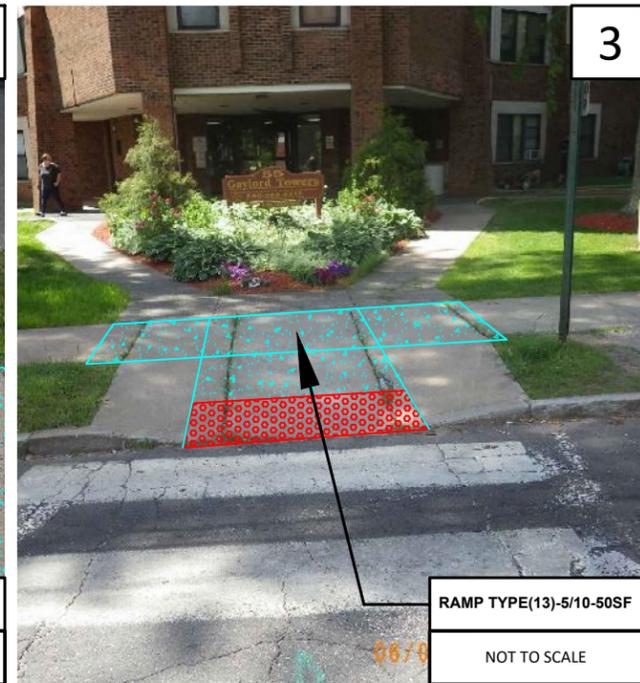
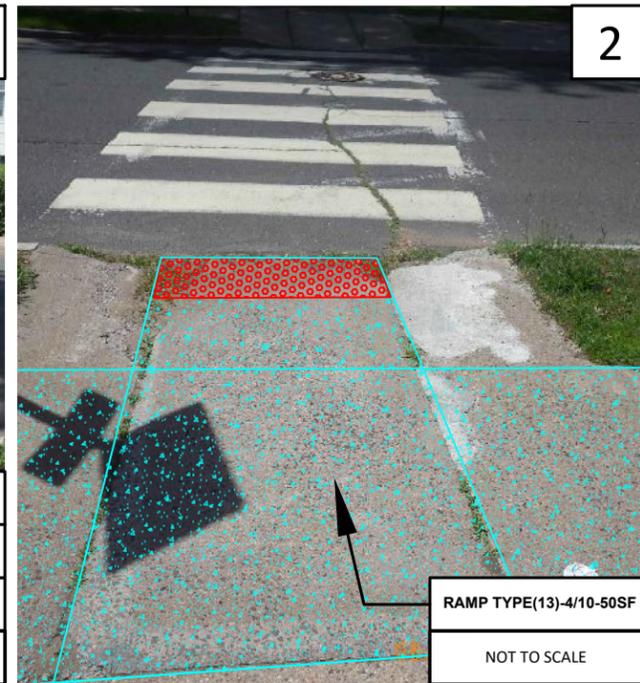
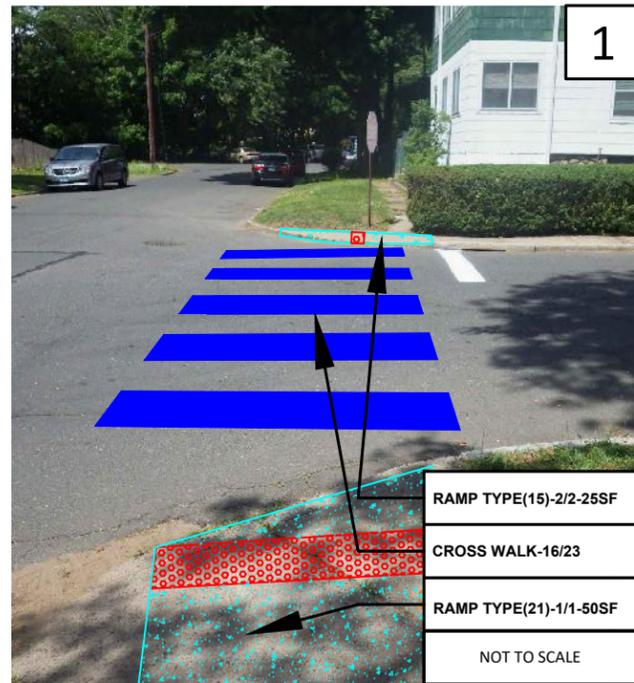
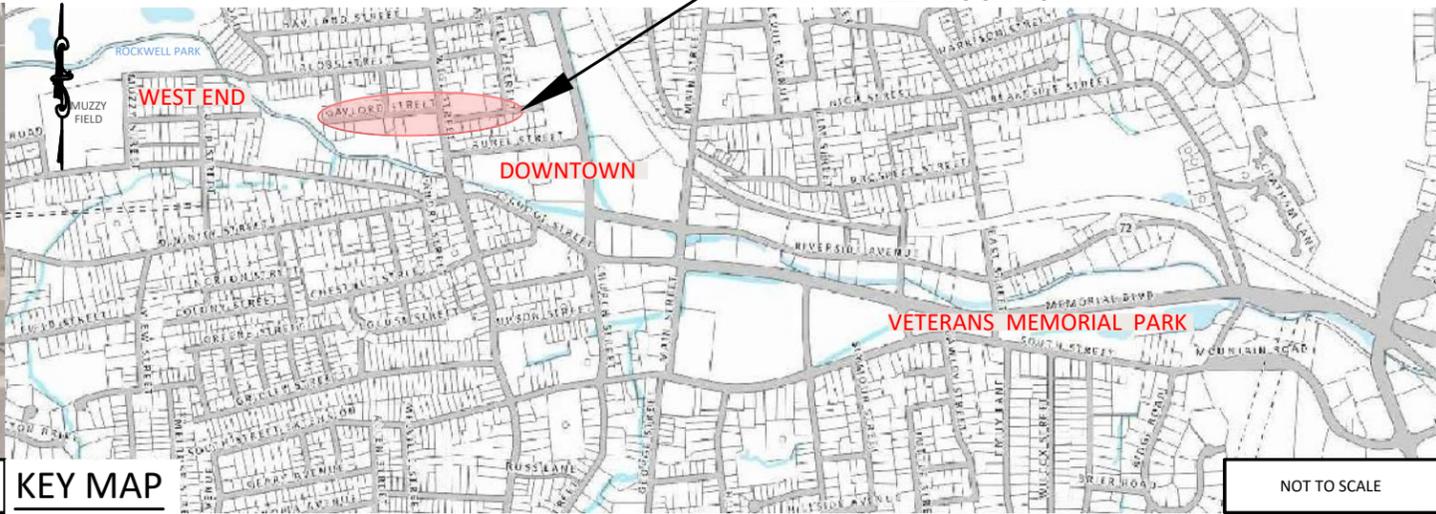
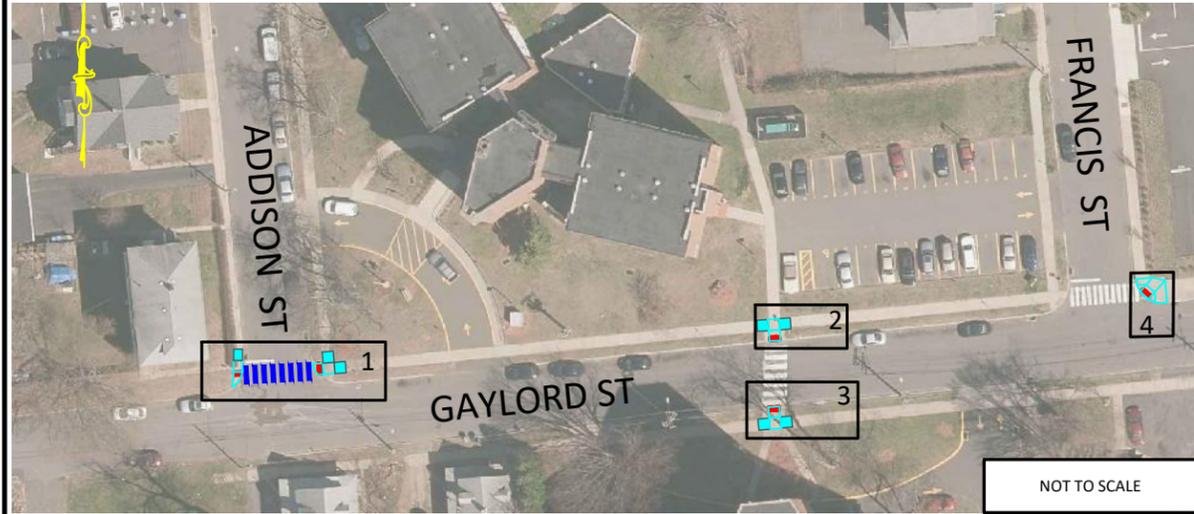
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**COMMUNITY
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CENTER ST (MYRTLE, VALLEY AND FOLEY ST)

DRAWING NO.:
C-6



NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.
- 3 - FOR INSTALLATION OF RAMP TYPE(15)-2/3 SHRUB RELOCATION WILL BE NEEDED.

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

GAYLORD ST (ADDISON AND FRANCES ST)



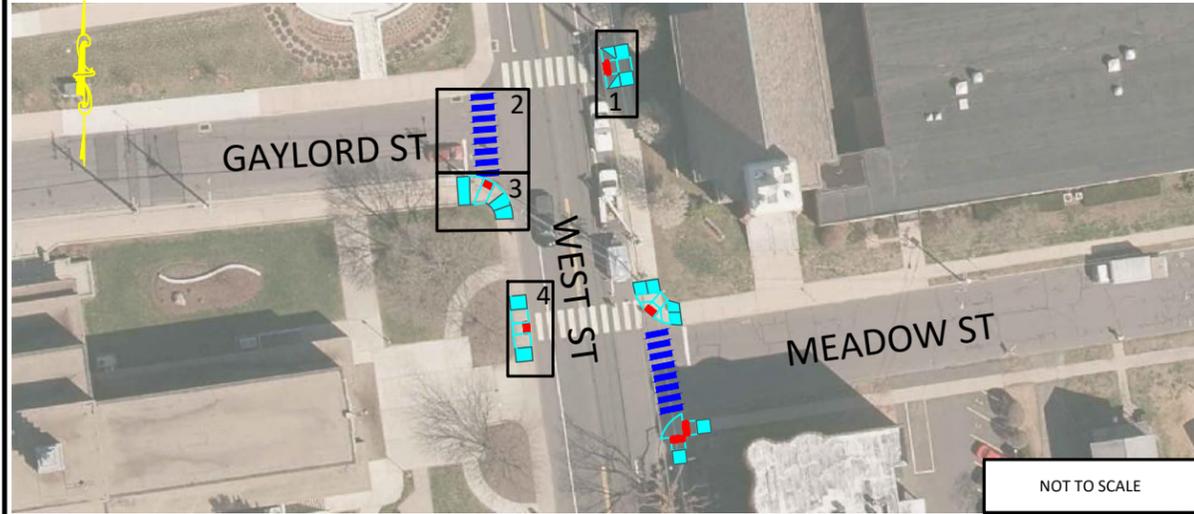
City of Bristol
Department of Public Works
Tel: 860-584-6125
Fax: 860-584-3838
111 North Main Street
Bristol, Connecticut 06010
ci.bristol.ct.us

NO.	DATE	COMMENTS

DESIGN BY: CVP
DRAFTED BY: CVP
CHECKED BY: NL
SCALE: AS NOTED
DATE: 1/8/20
PROJECT#: 2C21-003

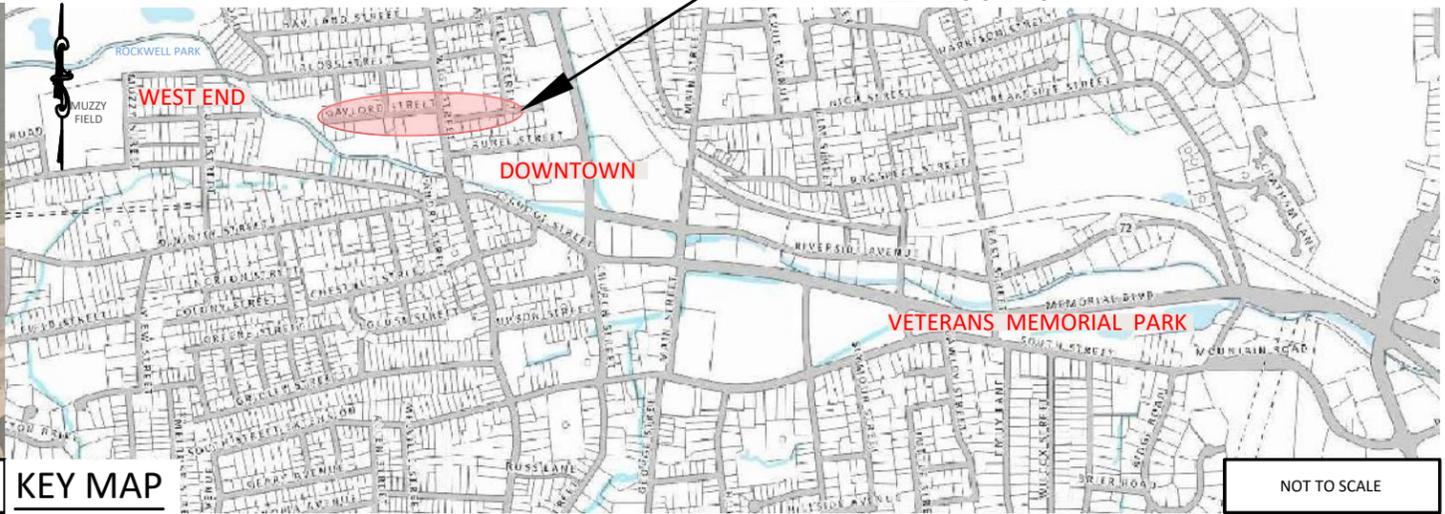
COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
GAYLORD ST (ADDISON AND FRANCES ST)

DRAWING NO.:
C-7

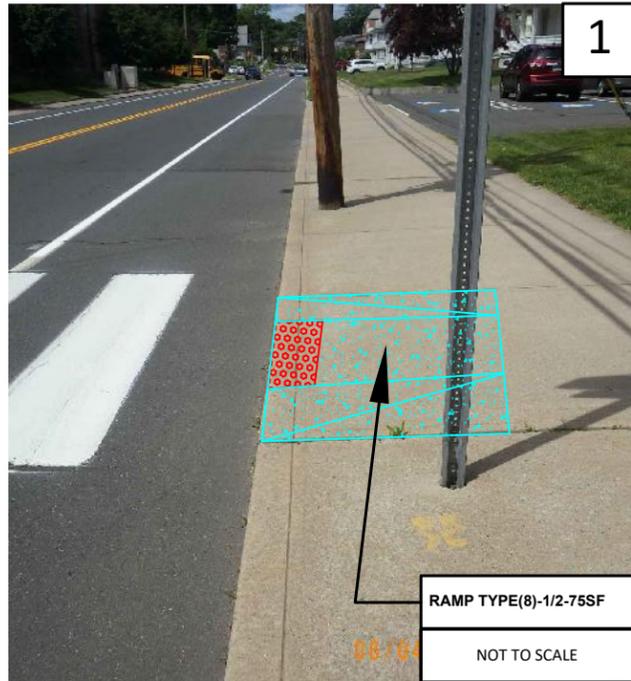


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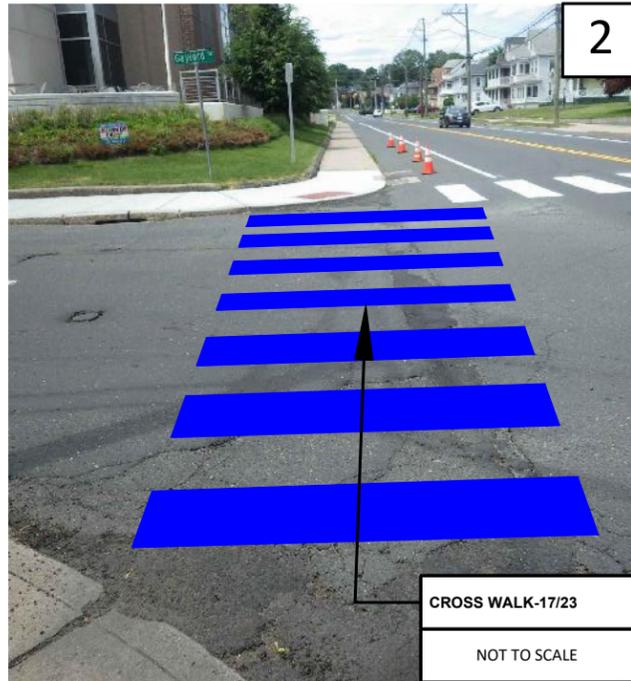
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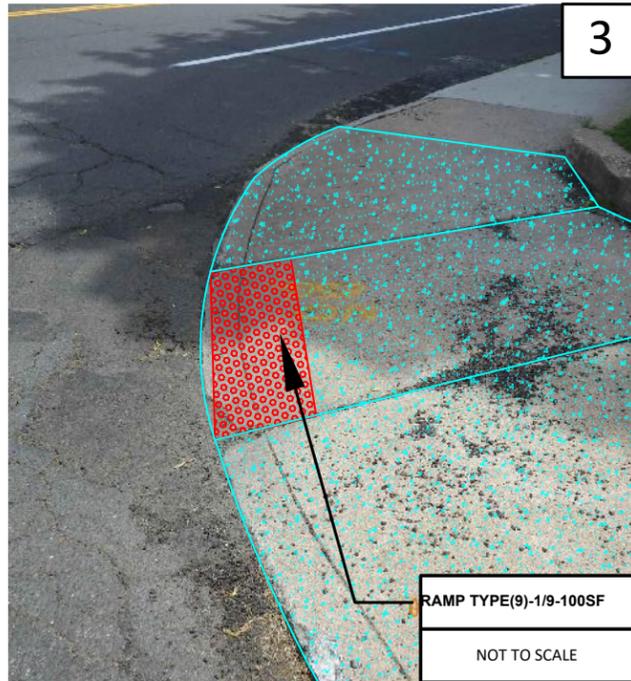
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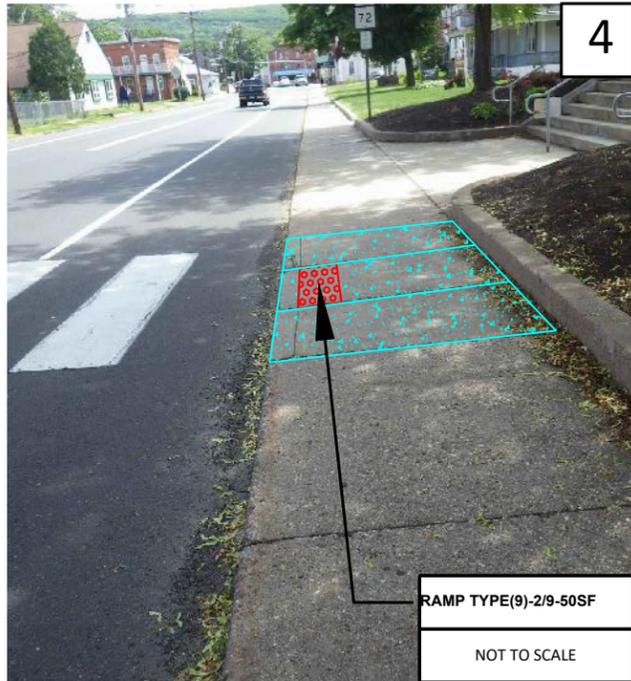
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NOT TO SCALE



CROSS WALK-17/23
NOT TO SCALE



RAMP TYPE(9)-1/9-100SF
NOT TO SCALE



RAMP TYPE(9)-2/9-50SF
NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.
- 3 - PATCHING/MINOR REGARDING WILL BE NEEDED IN FRONT OF MARKINGS-20/62 TO PREVENT PUDDLING.

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

GAYLORD ST (WEST ST)



City of Bristol
Department of Public Works
Tel: 860-584-6125
Fax: 860-584-3838
111 North Main Street
Bristol, Connecticut 06010
ci.bristol.ct.us

PREPARED BY:

No. DATE COMMENTS:

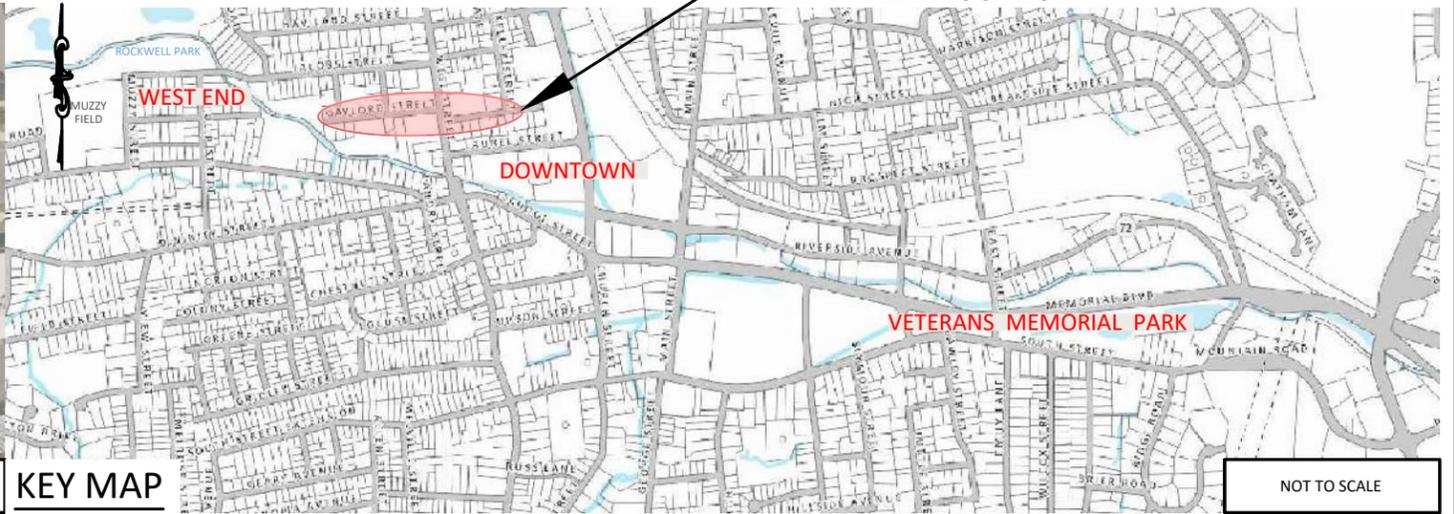
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DRAFTED BY: CVP
CHECKED BY: NL
SCALE: AS NOTED
DATE: 1/8/20
PROJECT#: 2C21-003

COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
GAYLORD ST (WEST ST)

DRAWING NO.:
C-8



NOT TO SCALE



KEY MAP

NOT TO SCALE



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Department of Public Works
Tel: 860-584-6125
Fax: 860-584-3838
111 North Main Street
Bristol, Connecticut 06010
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PREPARED BY:

DESIGN BY: CVP

DRAFTED BY: CVP

CHECKED BY: NL

SCALE: AS NOTED

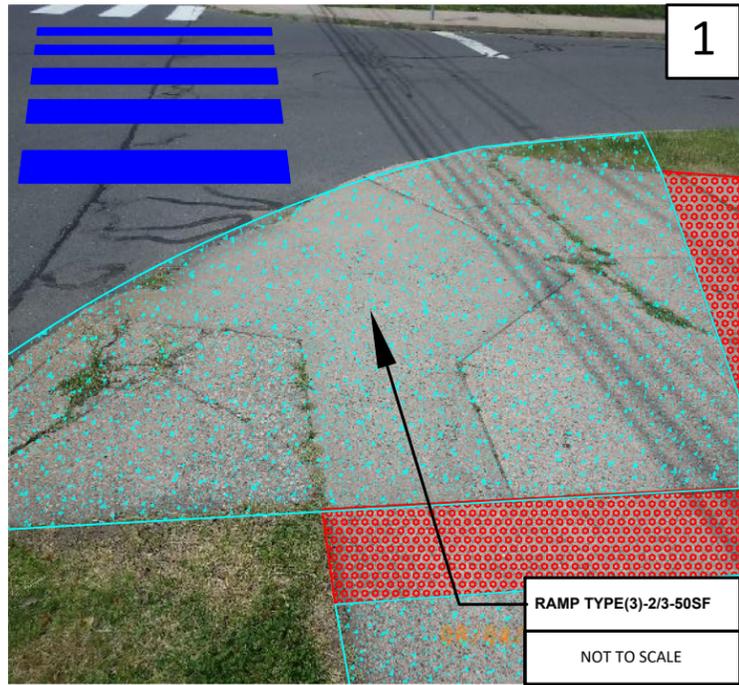
DATE: 1/8/20

PROJECT #: 2C21-003

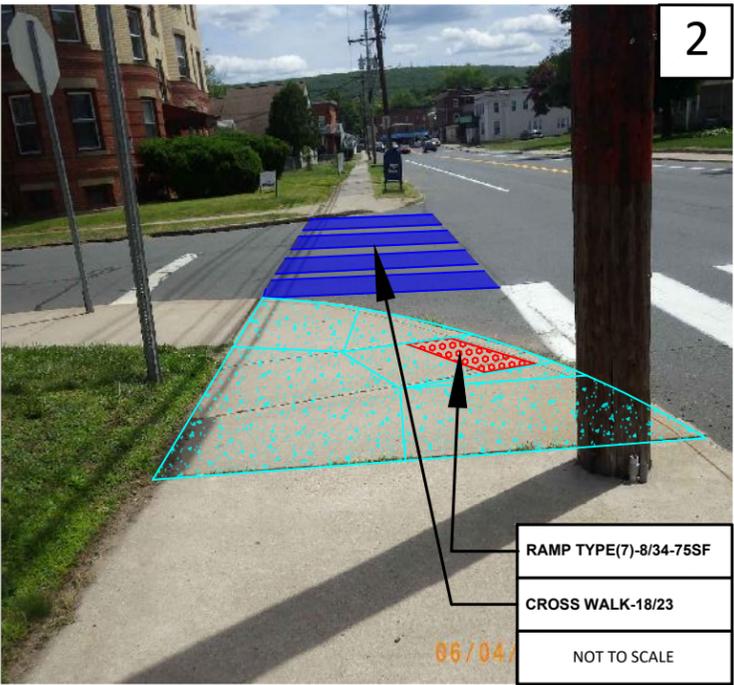
No.	DATE	COMMENTS:

COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
MEADOW ST (WEST AND KELLY ST)

DRAWING NO.:
C-9



RAMP TYPE(3)-2/3-50SF
NOT TO SCALE



RAMP TYPE(7)-8/34-75SF
CROSS WALK-18/23
NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

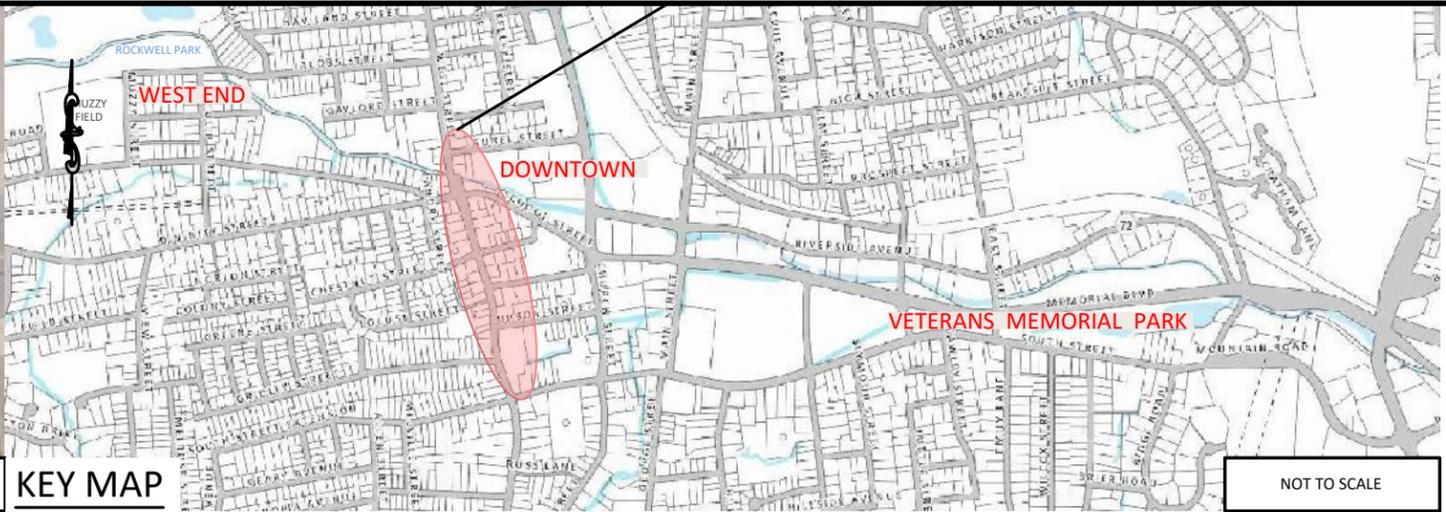
LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

MEADOW ST(WEST AND KELLY)

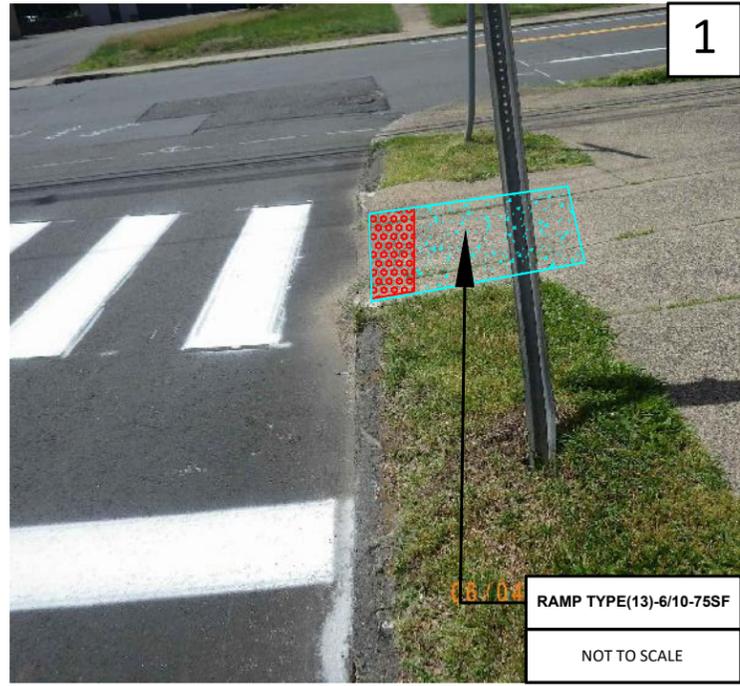


NOT TO SCALE



KEY MAP

NOT TO SCALE



RAMP TYPE(13)-6/10-75SF

NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.
- 3- SEE FIGURE 4 FOR ADDITION SIDEWALK DIMENSIONS.

LEGEND:
SYMBOLS DESCRIPTIONS

-  REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
-  MARK PEDESTRIAN CROSSING
-  STOP BAR
-  SIDEWALKS

WEST ST(LAUREL ST)



City of Bristol
Department of Public Works
Tel: 860-584-6125
Fax: 860-584-3838
111 North Main Street
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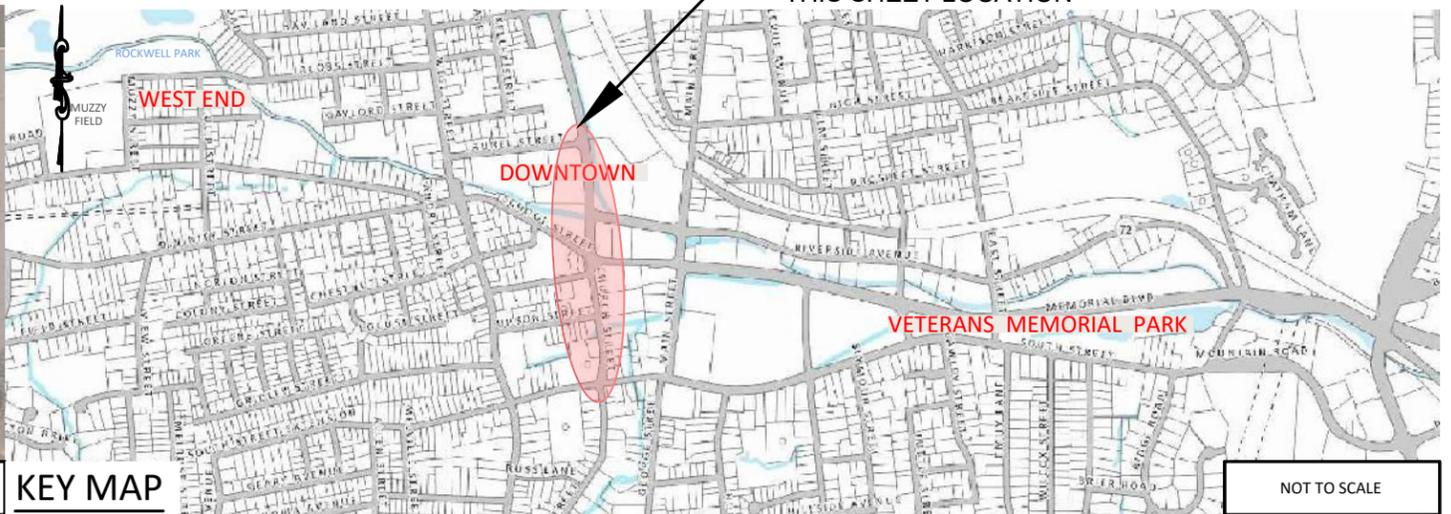
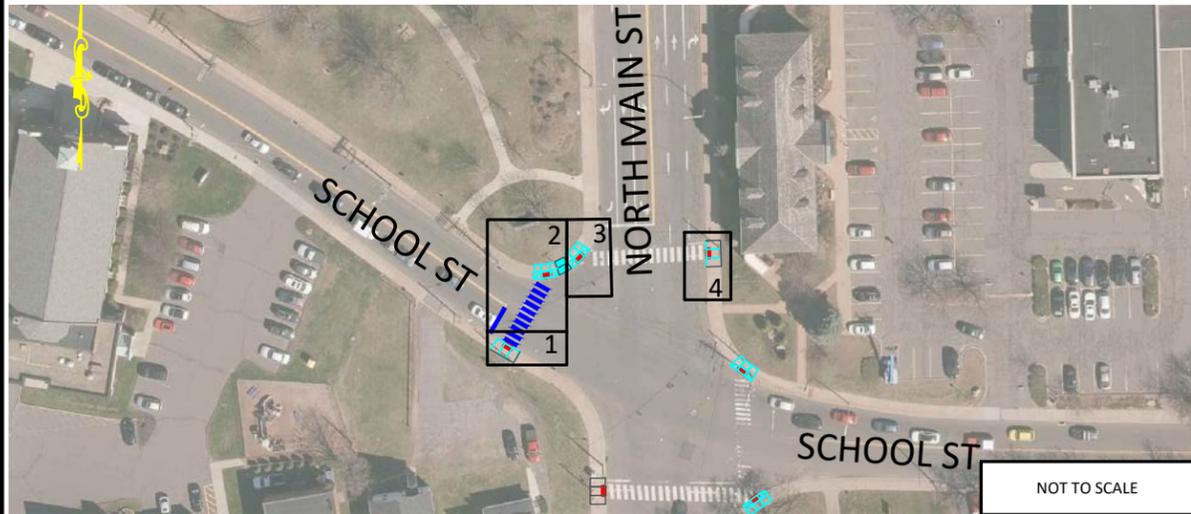
PREPARED BY:

NO.	DATE	COMMENTS:

DESIGN BY:	CVP
DRAFTED BY:	CVP
CHECKED BY:	NL
SCALE:	AS NOTED
DATE:	1/8/20
PROJECT#:	2C21-003

COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
WEST ST (LAUREL ST)

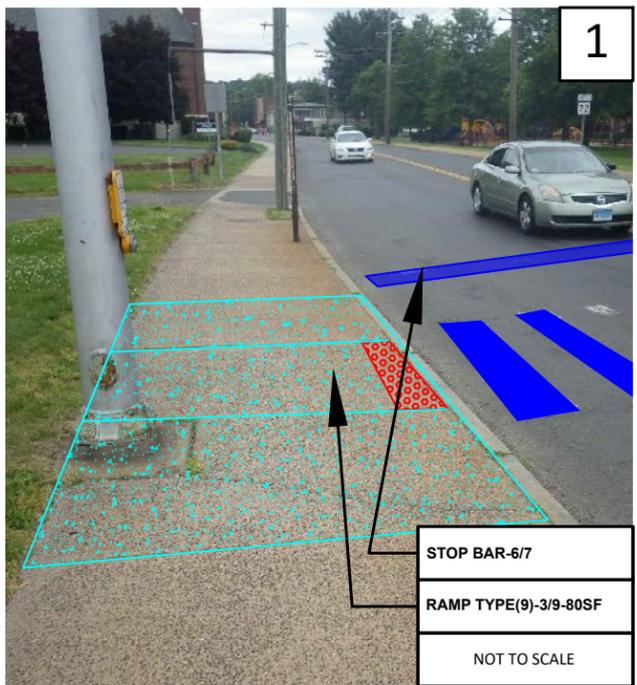
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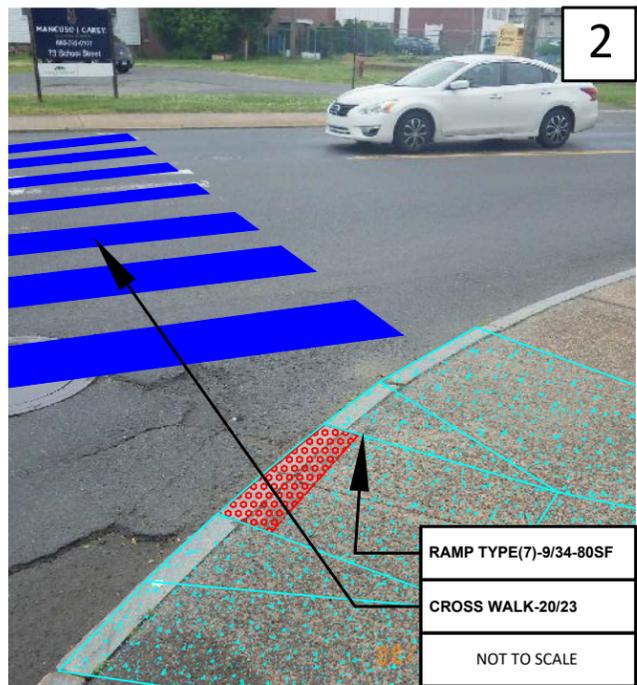
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KEY MAP

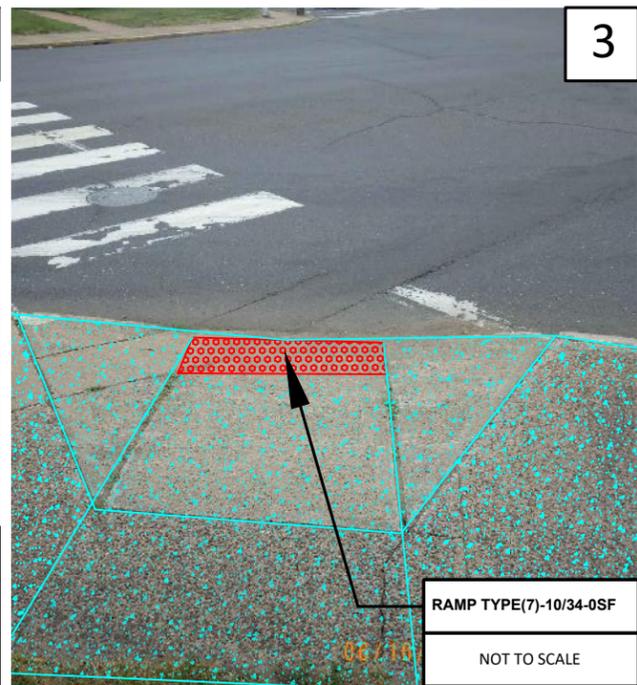
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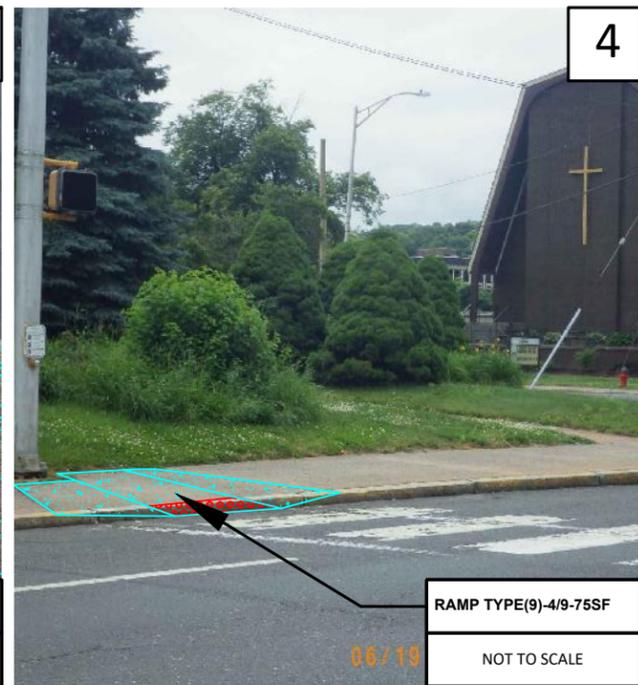
STOP BAR-6/7
RAMP TYPE(9)-3/9-80SF
NOT TO SCALE



RAMP TYPE(7)-9/34-80SF
CROSS WALK-20/23
NOT TO SCALE



RAMP TYPE(7)-10/34-0SF
NOT TO SCALE



RAMP TYPE(9)-4/9-75SF
NOT TO SCALE

- NOTES:**
- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
 - 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.
 - 3 - SEE FIGURE 5 FOR ADDITION SIDEWALK DIMENSIONS.

NORTH MAIN ST (SCHOOL ST)

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

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Bristol, Connecticut 06010

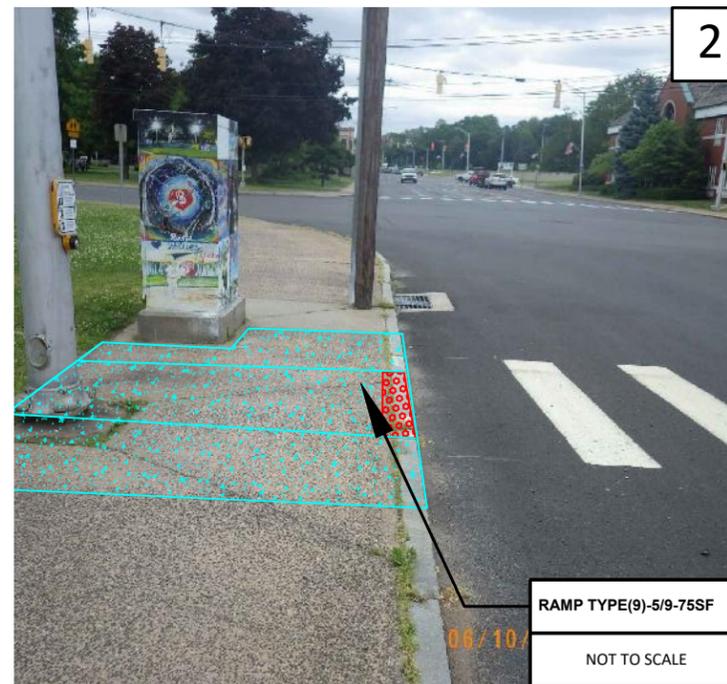
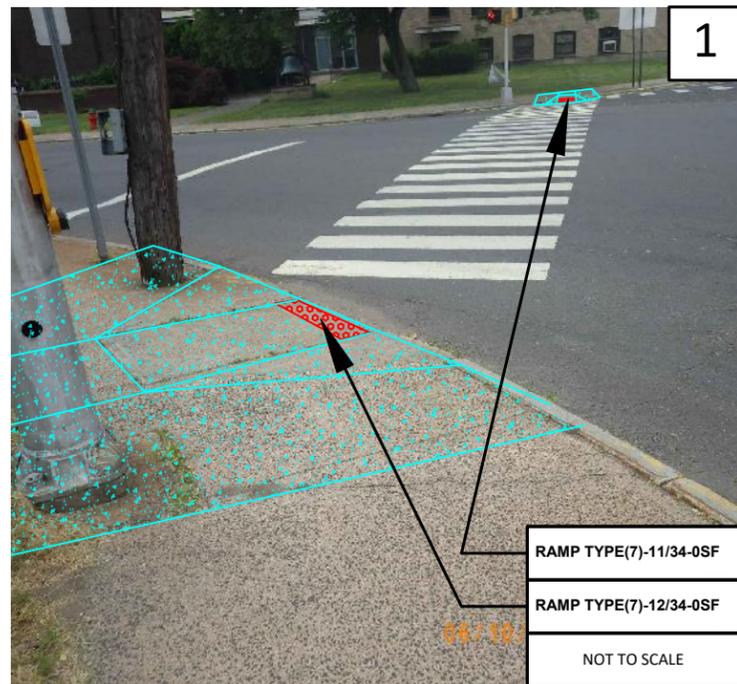
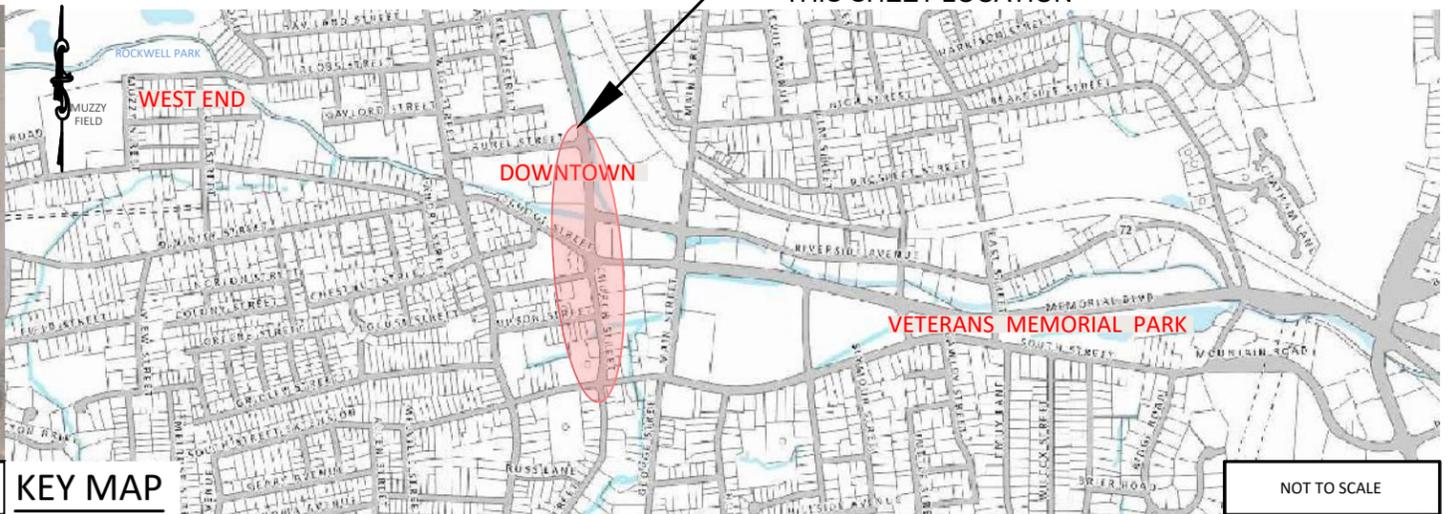
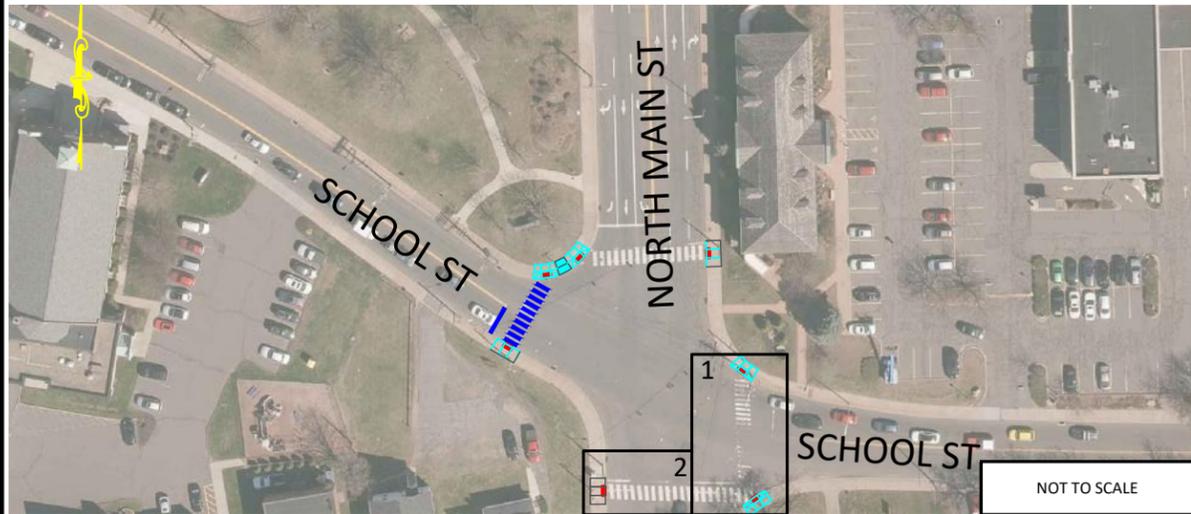
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DATE: 1/8/20
PROJECT#: 2C21-003

**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
NORTH MAIN ST (SCHOOL ST)

DRAWING NO.:
C-11



NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

NORTH MAIN ST (SCHOOL ST)

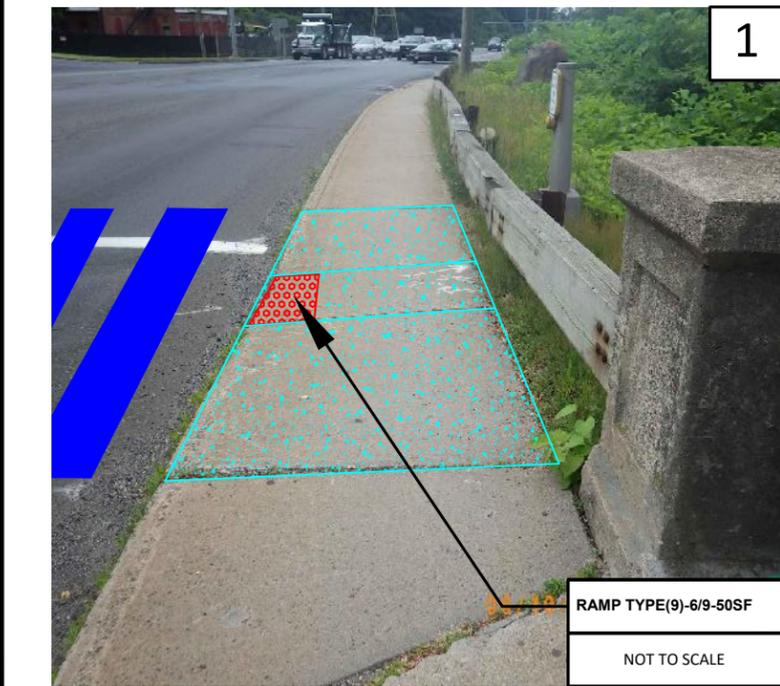
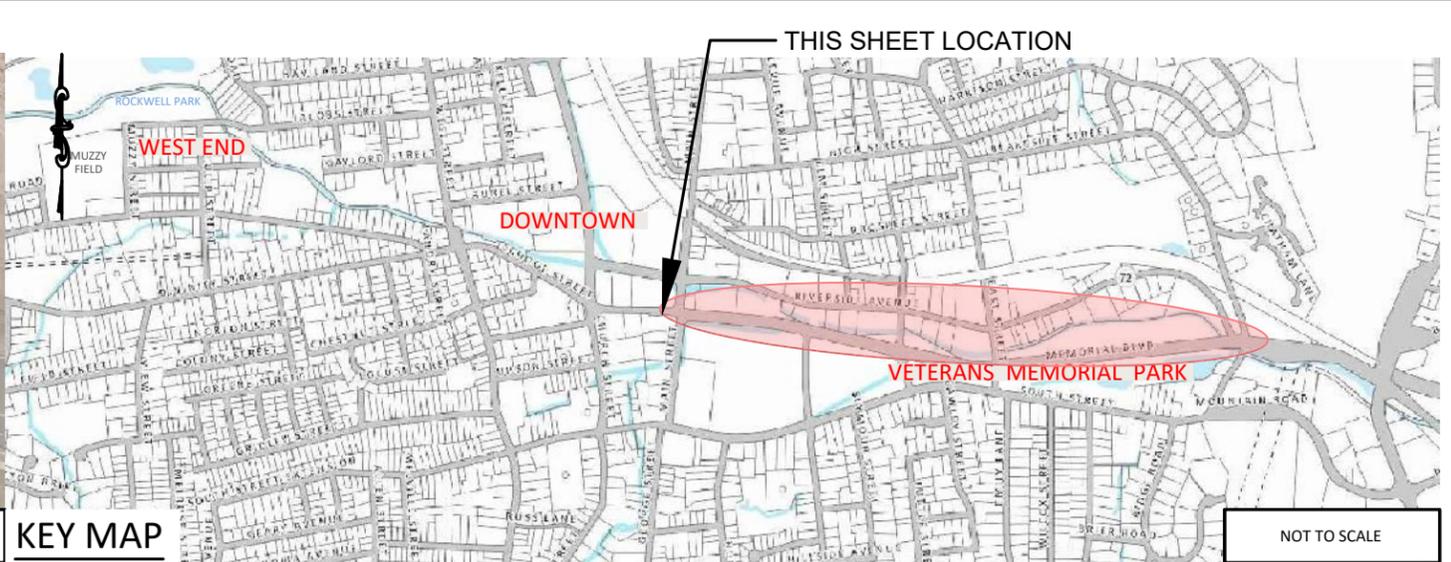
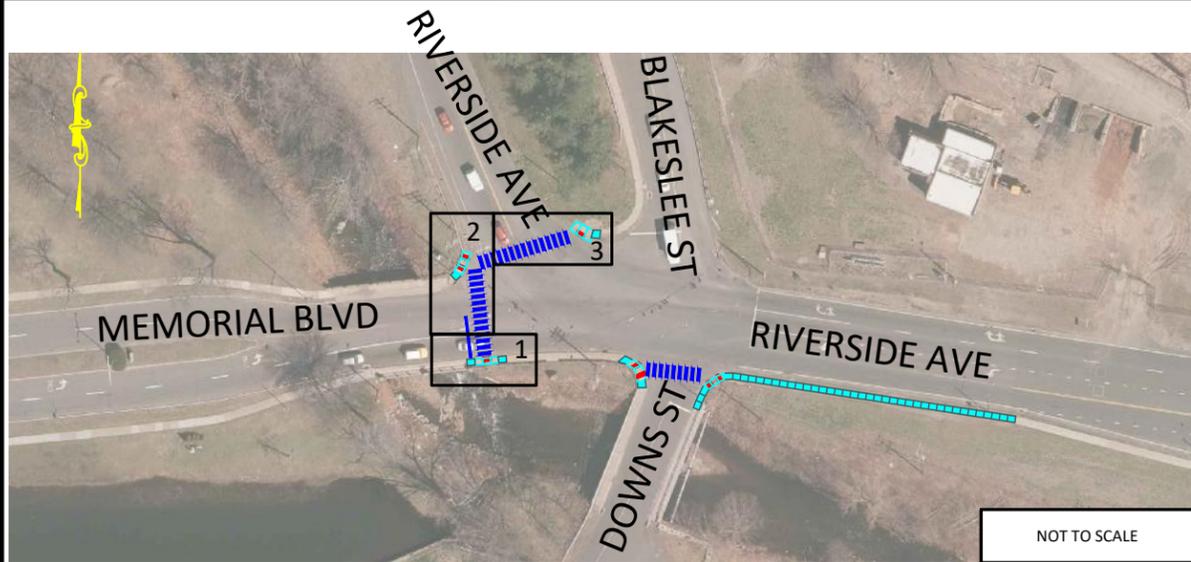


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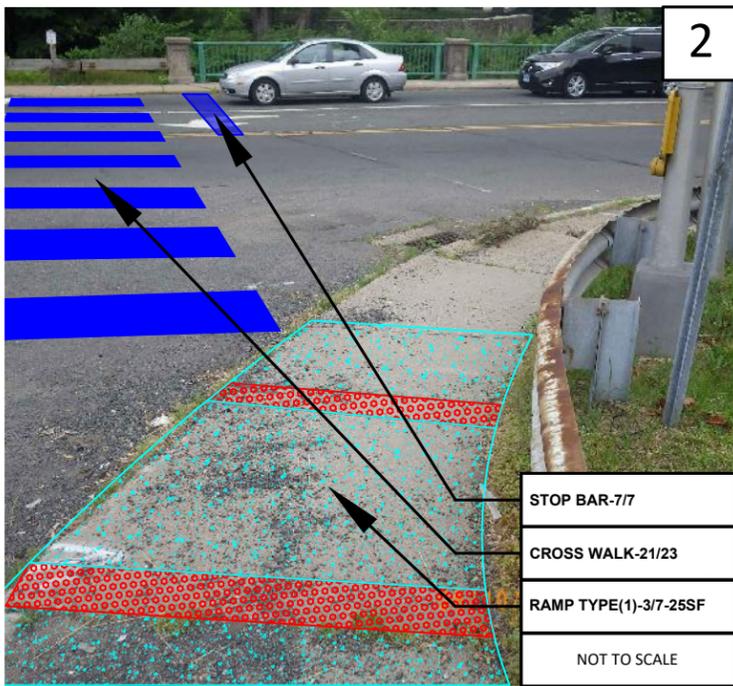
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	SCALE:	AS NOTED
	DATE:	1/8/20
	PROJECT#:	2C21-003

COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
NORTH MAIN ST (SCHOOL ST)

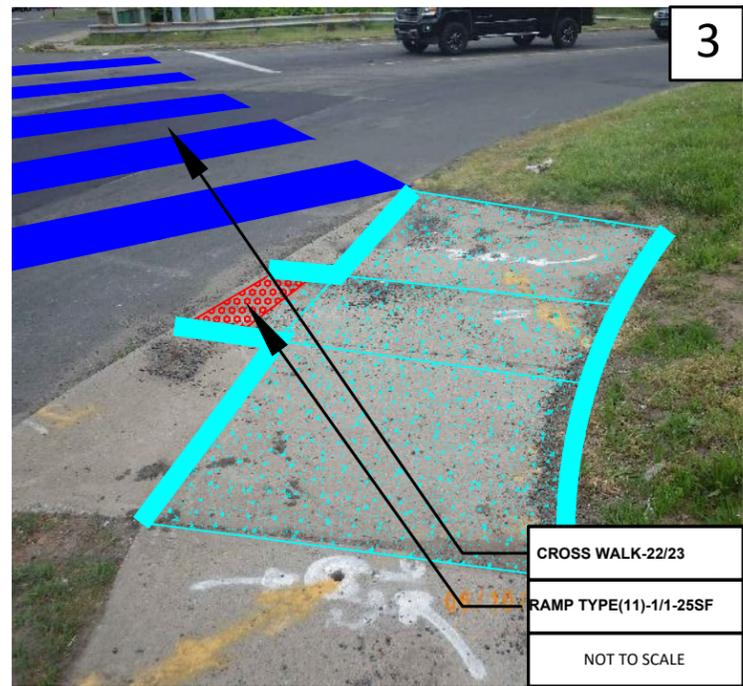
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C-12



RAMP TYPE(9)-6/9-50SF
NOT TO SCALE



STOP BAR-7/7
CROSS WALK-21/23
RAMP TYPE(1)-3/7-25SF
NOT TO SCALE



CROSS WALK-22/23
RAMP TYPE(11)-1/1-25SF
NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

**LEGEND:
SYMBOLS**

- REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
- MARK PEDESTRIAN CROSSING
- STOP BAR
- SIDEWALKS

MEMORIAL BLVD (RIVERSIDE AVE)



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Tel: 860-584-6125
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Bristol, Connecticut 06010

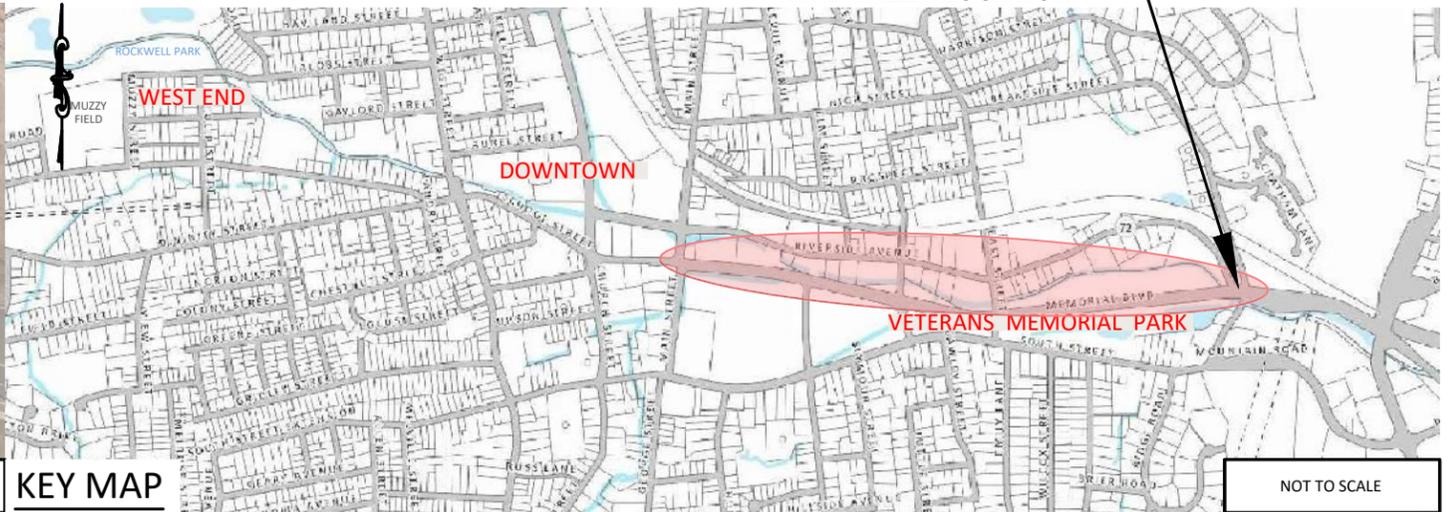
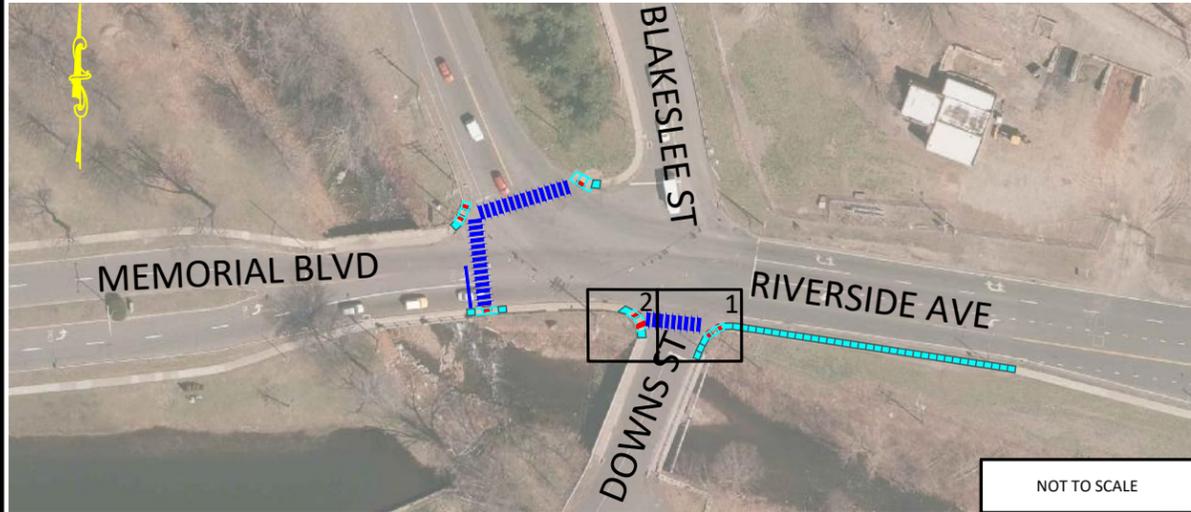
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DESIGN BY: CVP
DRAFTED BY: CVP
CHECKED BY: NL
SCALE: AS NOTED
DATE: 1/8/20
PROJECT#: 2C21-003

NO.	DATE	COMMENTS

**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
MEMORIAL BLVD (RIVERSIDE AVE)

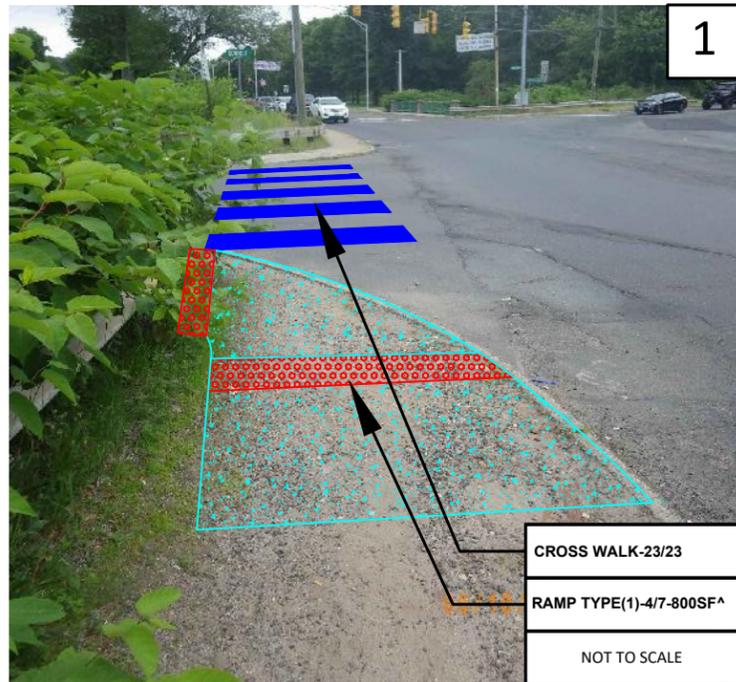
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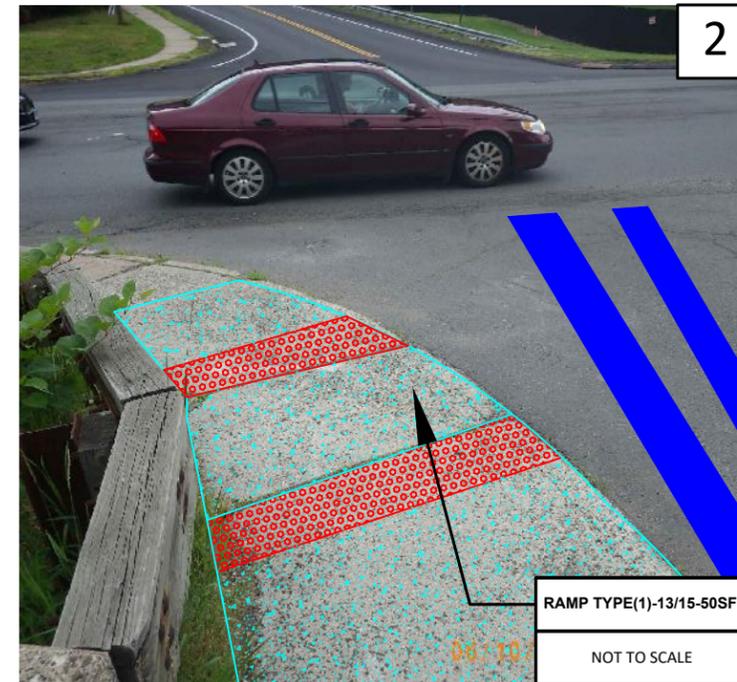
NOT TO SCALE

KEY MAP

NOT TO SCALE



CROSS WALK-23/23
 RAMP TYPE(1)-4/7-800SF^
 NOT TO SCALE



RAMP TYPE(1)-13/15-50SF
 NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.
- 3 - CUT VEGETATION AS NEEDED FOR INSTILLATION FOR SIDEWALK RAMP.
- 4 - SEE FIGURE 3 FOR ADDITION SIDEWALK DIMENSIONS.

LEGEND:
SYMBOLS DESCRIPTIONS

-  REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
-  MARK PEDESTRIAN CROSSING
-  STOP BAR
-  SIDEWALKS

MEMORIAL BLVD(RIVERSIDE AVE, BLAKESLEE ST AND DOWNS ST)



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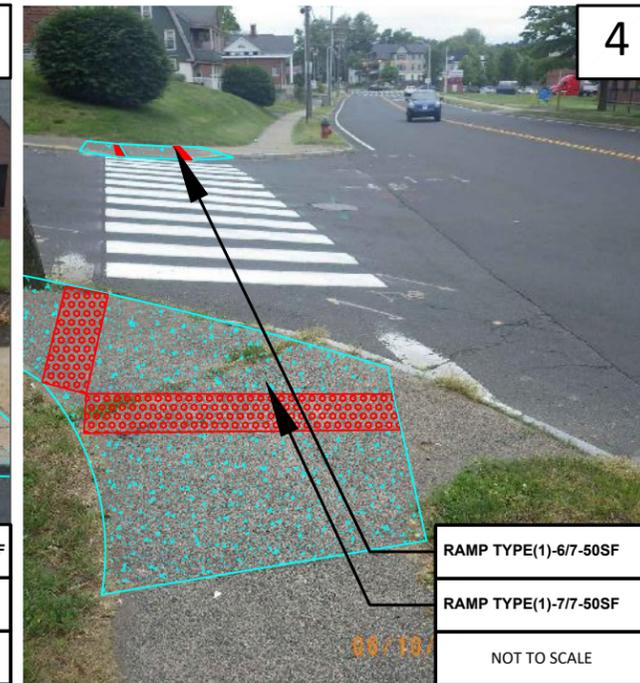
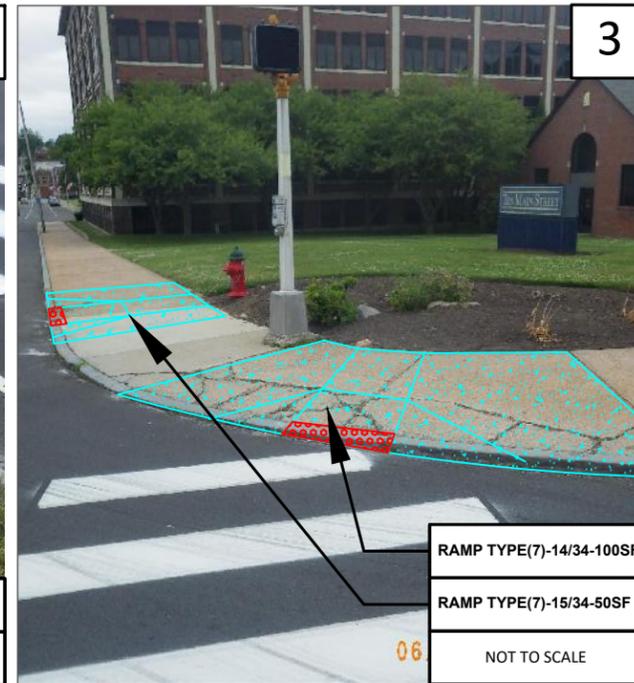
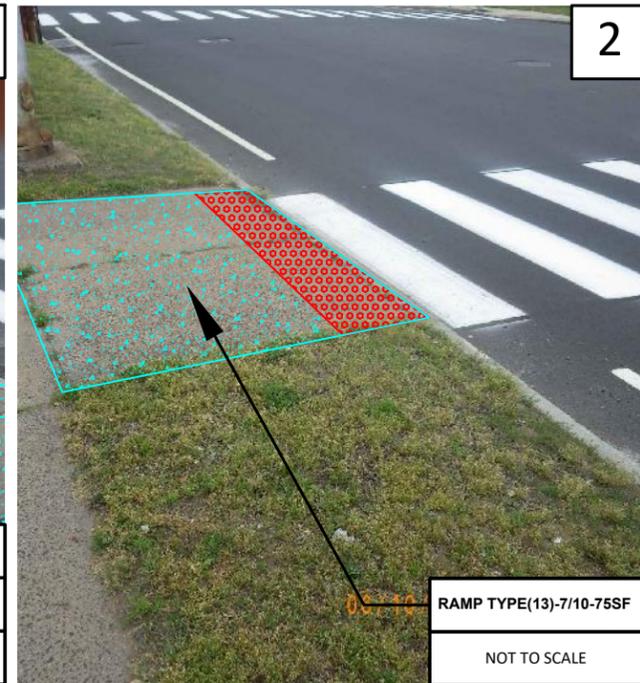
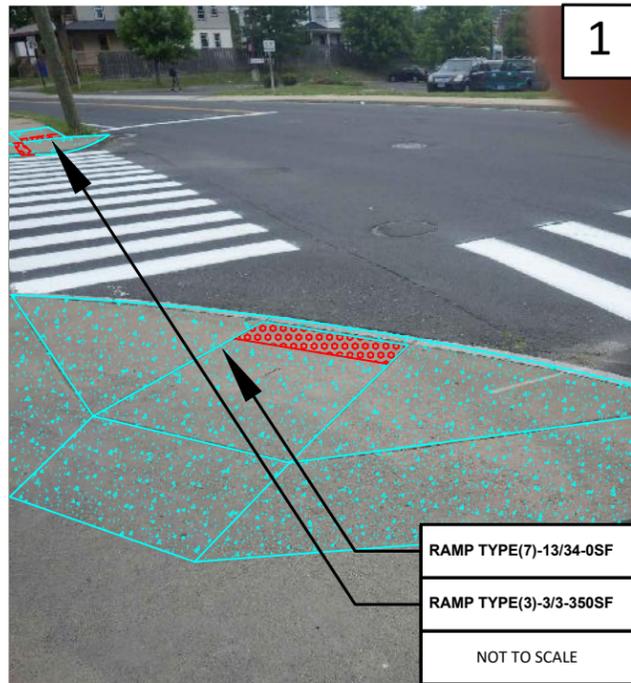
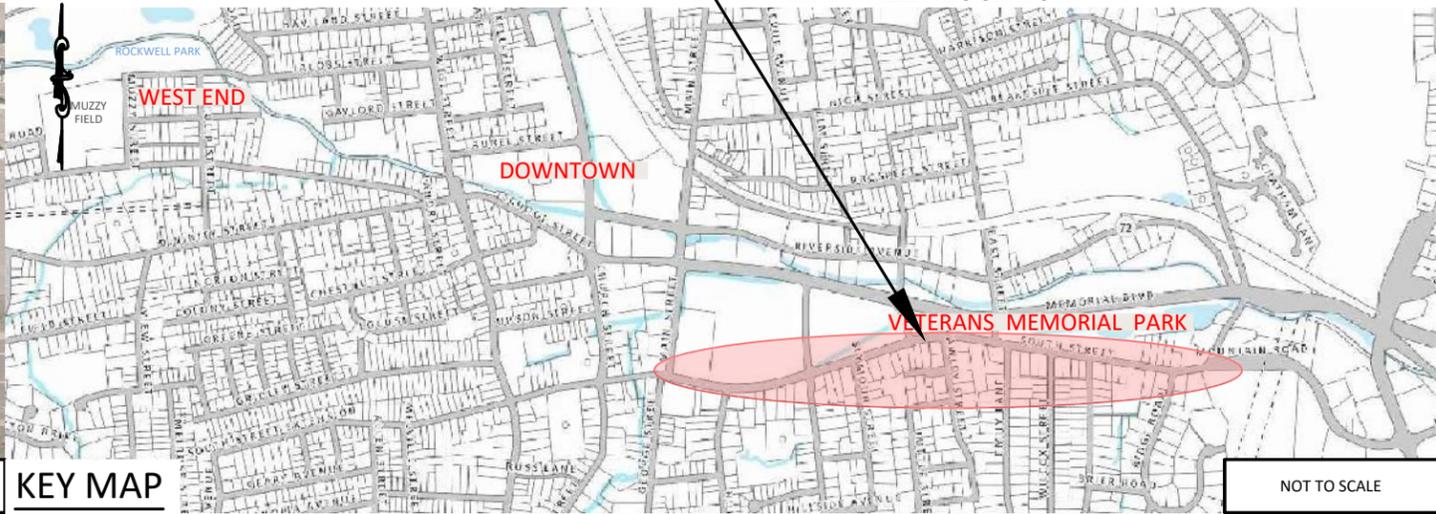
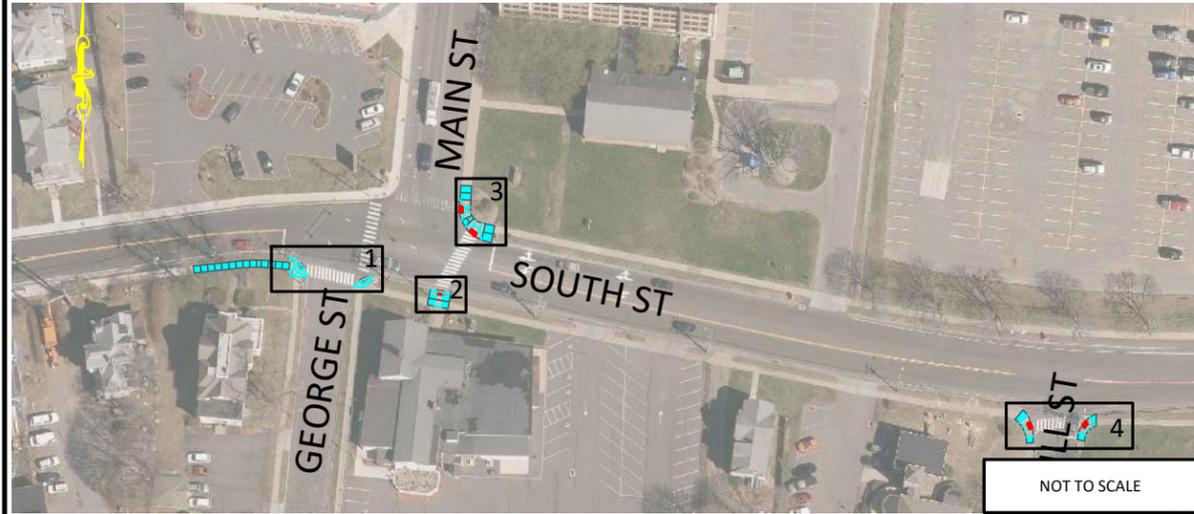
PREPARED BY:

NO.	DATE	COMMENTS:

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 DRAFTED BY: CVP
 CHECKED BY: NL
 SCALE: AS NOTED
 DATE: 1/8/20
 PROJECT#: 2C21-003

COMMUNITY CONNECTIVITY PROGRAM
 Bristol, Connecticut
 MEMORIAL BLVD (RIVERSIDE AVE, BLAKESLEE ST AND DOWNS ST)

DRAWING NO.:
C-14



NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.
- 3- SEE FIGURE 4 FOR ADDITION SIDEWALK DIMENSIONS.

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

SOUTH ST (GEORGE AND HULL ST)



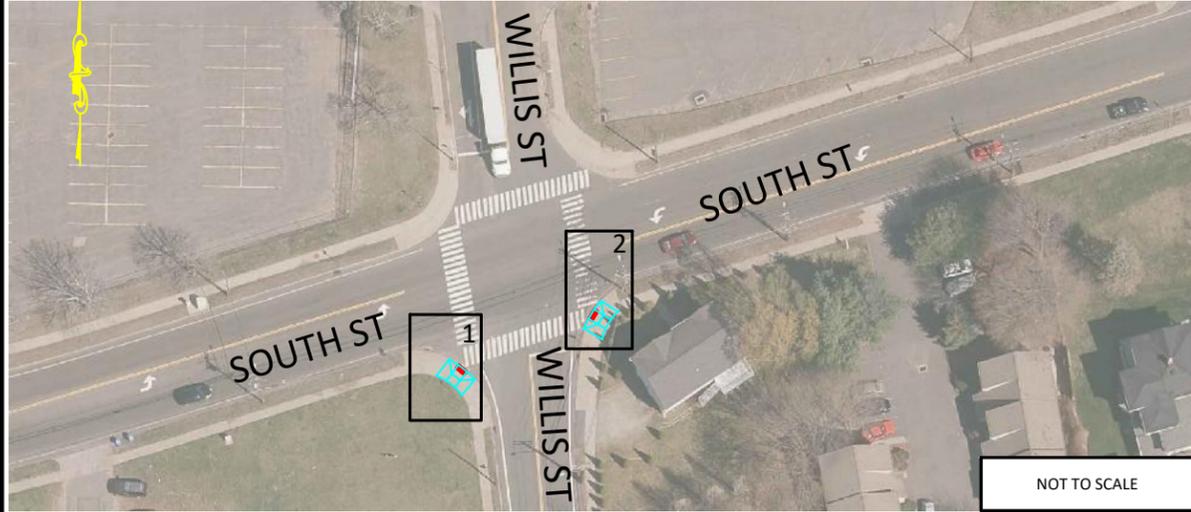
PREPARED BY:
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 Tel. 860-584-6125
 Fax 860-584-3838
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 111 North Main Street
 Bristol, Connecticut 06010

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 PROJECT#: 2C21-003

COMMUNITY CONNECTIVITY PROGRAM
 Bristol, Connecticut
 SOUTH ST (GEORGE AND HULL ST)

DRAWING NO.:
C-15

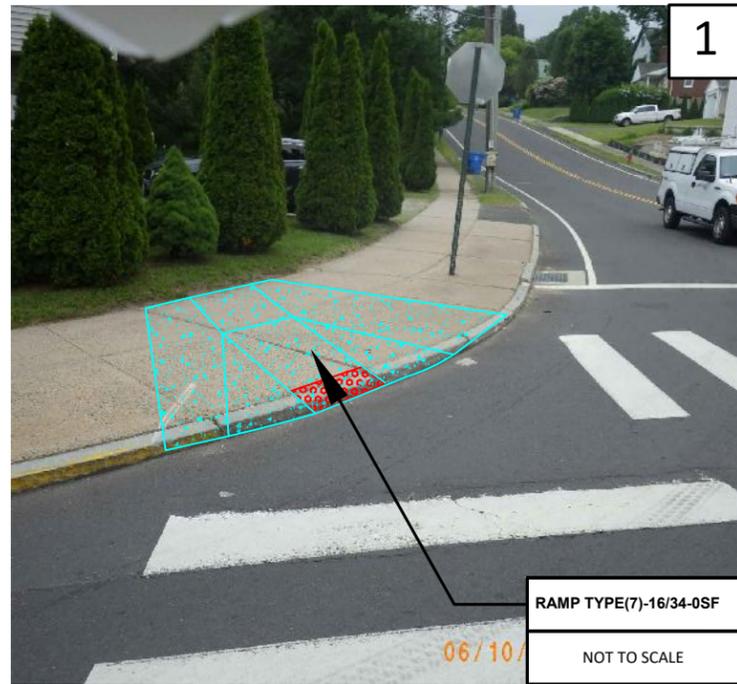


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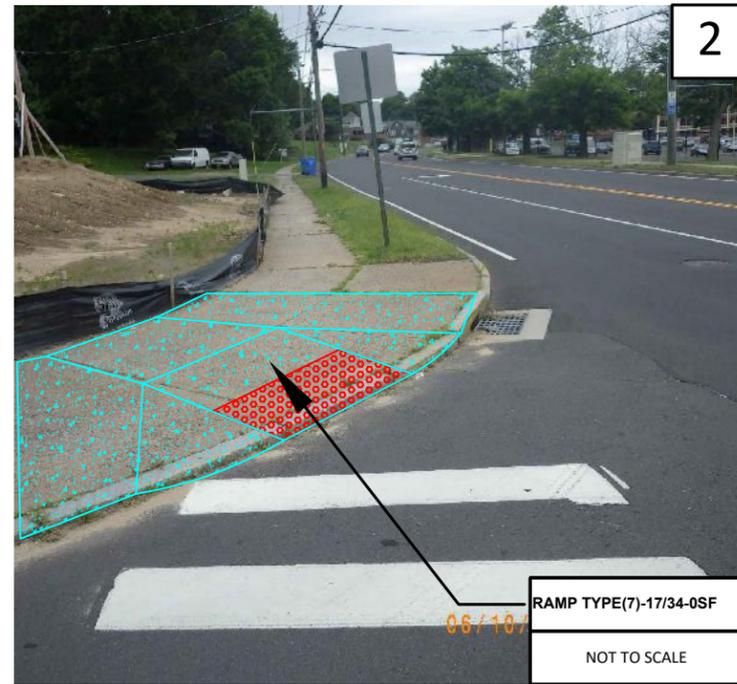


KEY MAP

NOT TO SCALE



RAMP TYPE(7)-16/34-0SF
NOT TO SCALE



RAMP TYPE(7)-17/34-0SF
NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

SOUTH ST (WILLIS ST)



City of Bristol
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CHECKED BY: NL
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DATE: 1/8/20
PROJECT#: 2C21-003

No.	DATE	COMMENTS:

COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
SOUTH ST (WILLIS ST)

DRAWING NO.:
C-16

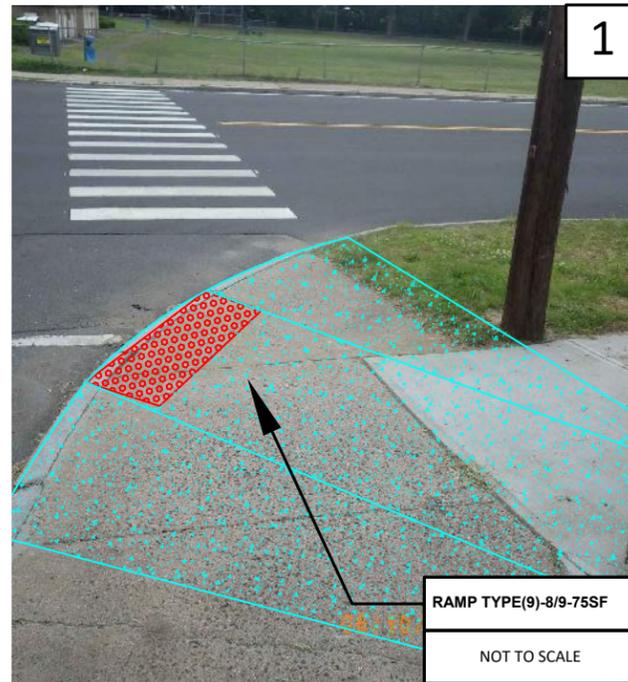


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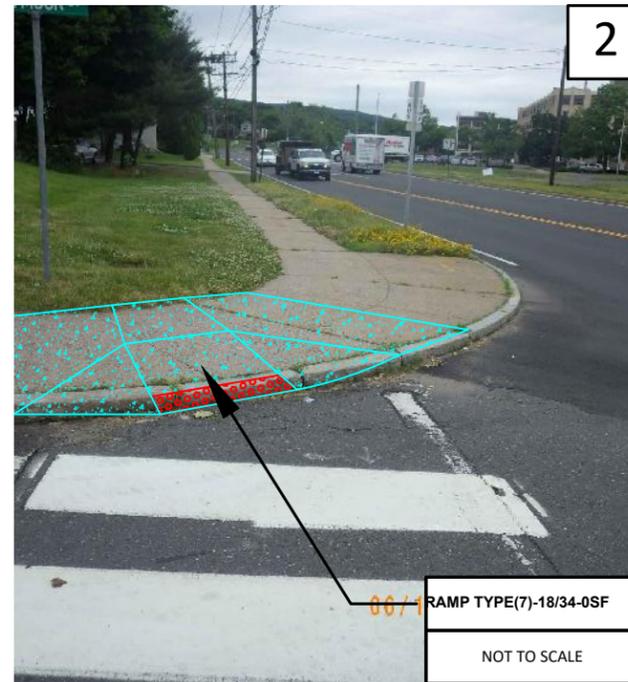


KEY MAP

NOT TO SCALE



RAMP TYPE(9)-8/9-75SF
NOT TO SCALE



RAMP TYPE(7)-18/34-0SF
NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

SOUTH ST (SEYMOUR ST)



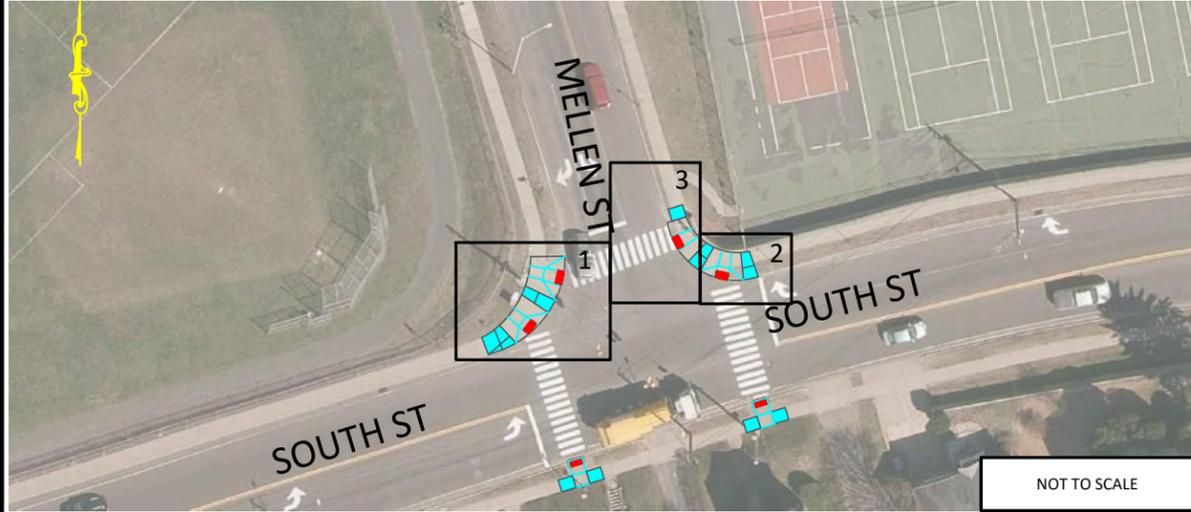
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Department of Public Works
Tel: 860-584-6125
Fax: 860-584-3838
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NO.	DATE	COMMENTS:

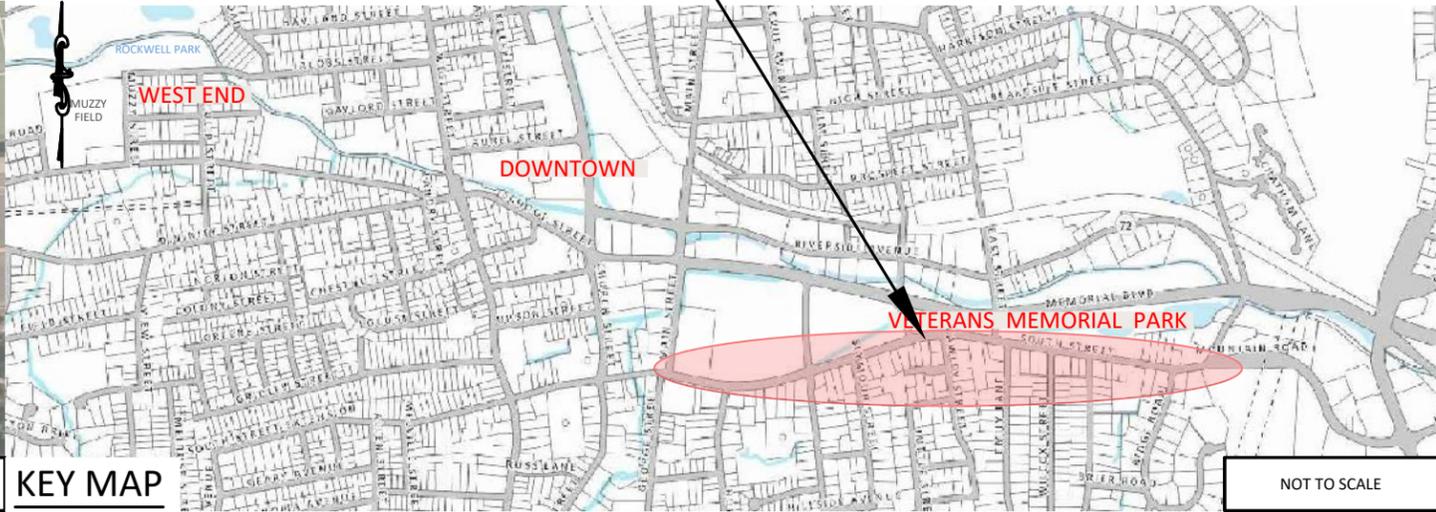
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DRAFTED BY:	CVP
CHECKED BY:	NL
SCALE:	AS NOTED
DATE:	1/8/20
PROJECT #:	2C21-003

COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
SOUTH ST (SEYMOUR ST)

DRAWING NO.:
C-17

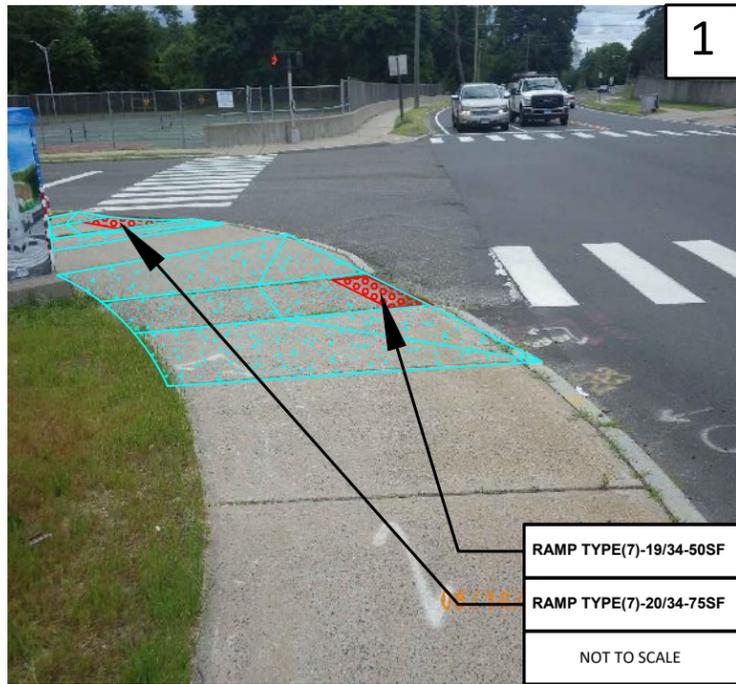


NOT TO SCALE

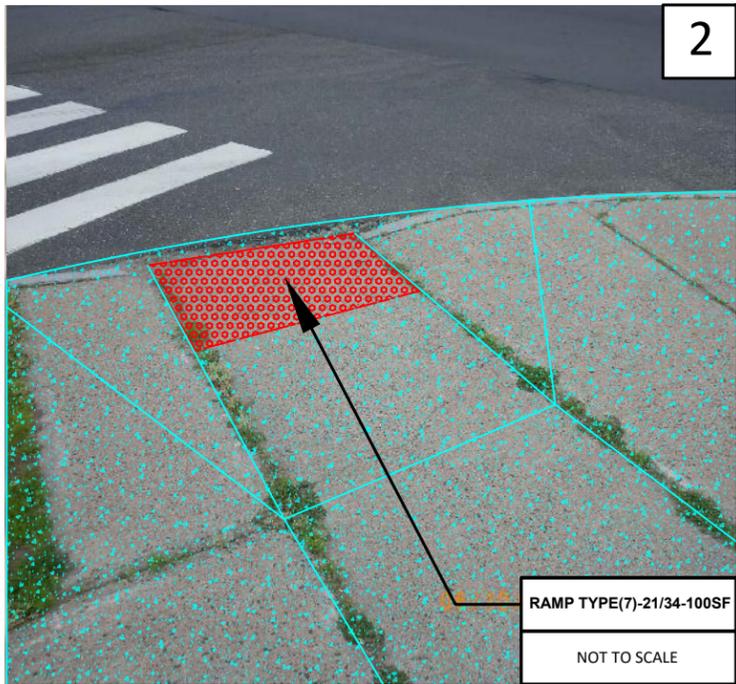


KEY MAP

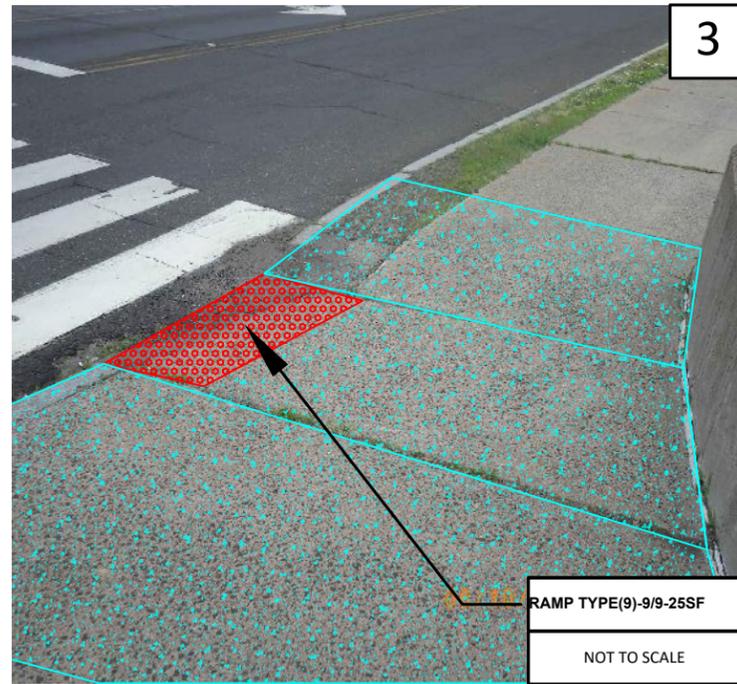
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RAMP TYPE(9)-9/9-25SF
 NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

LEGEND:
SYMBOLS

-  REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
-  MARK PEDESTRIAN CROSSING
-  STOP BAR
-  SIDEWALKS

SOUTH ST (MELLEN ST (1))



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 111 North Main Street
 Bristol, Connecticut 06010

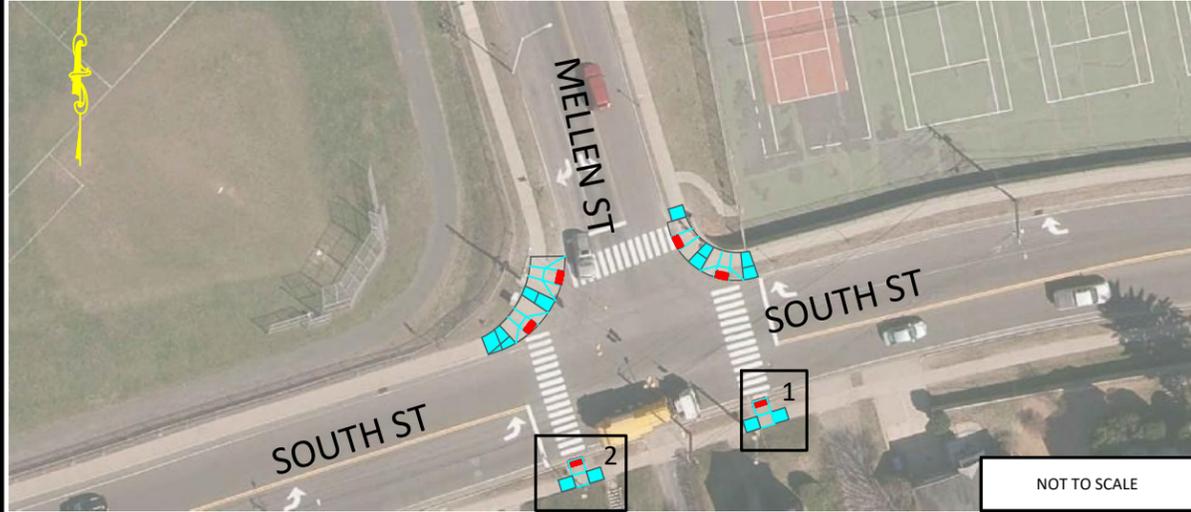
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NO.	DATE	COMMENTS:

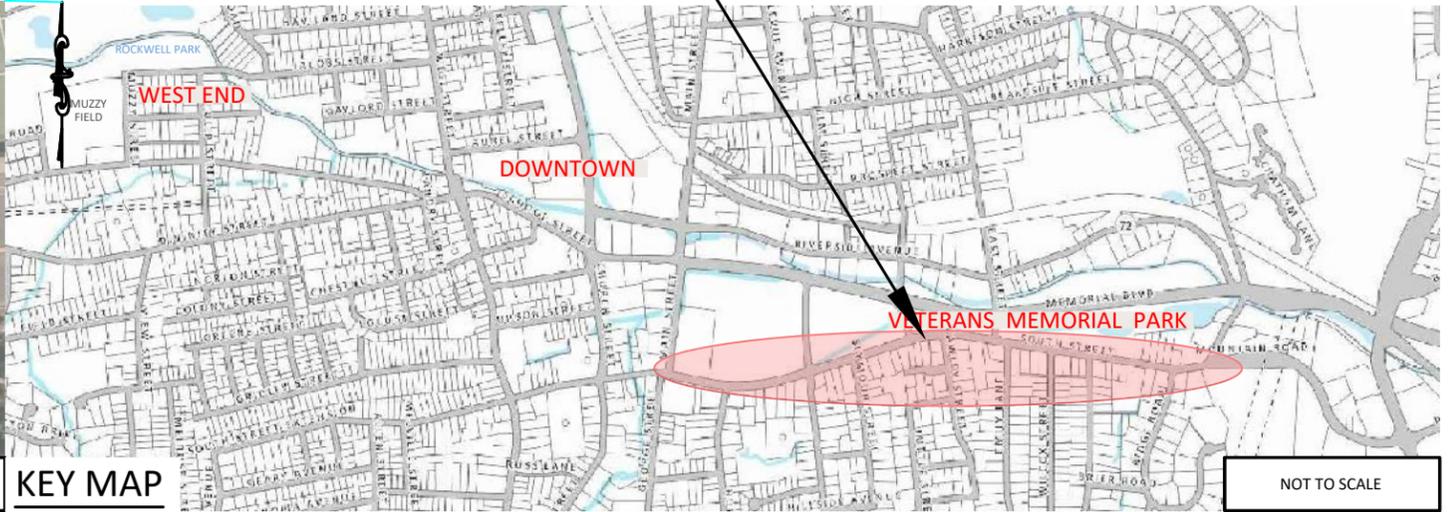
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 DRAFTED BY: CVP
 CHECKED BY: NL
 SCALE: AS NOTED
 DATE: 1/8/20
 PROJECT#: 2C21-003

**COMMUNITY
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 Bristol, Connecticut
 SOUTH ST (MELLEEN ST (1))

DRAWING NO.:
C-18

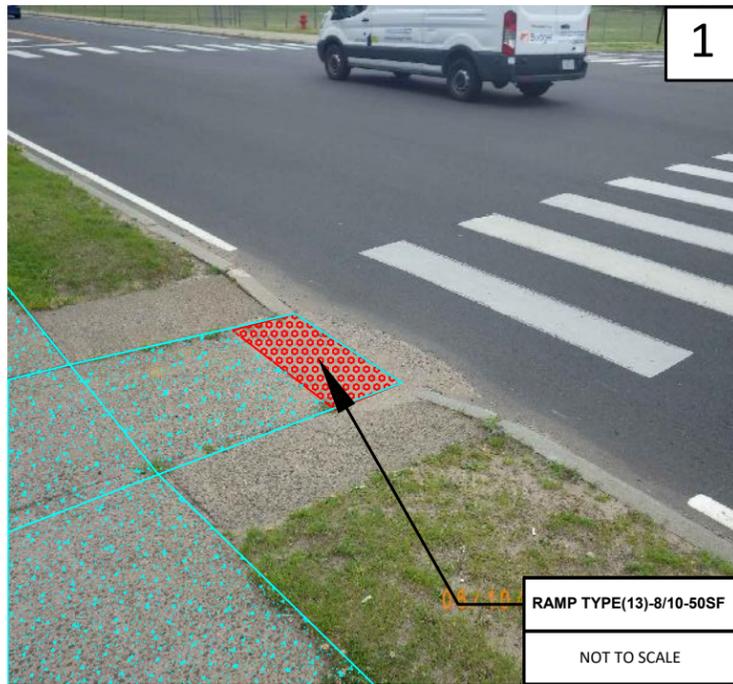


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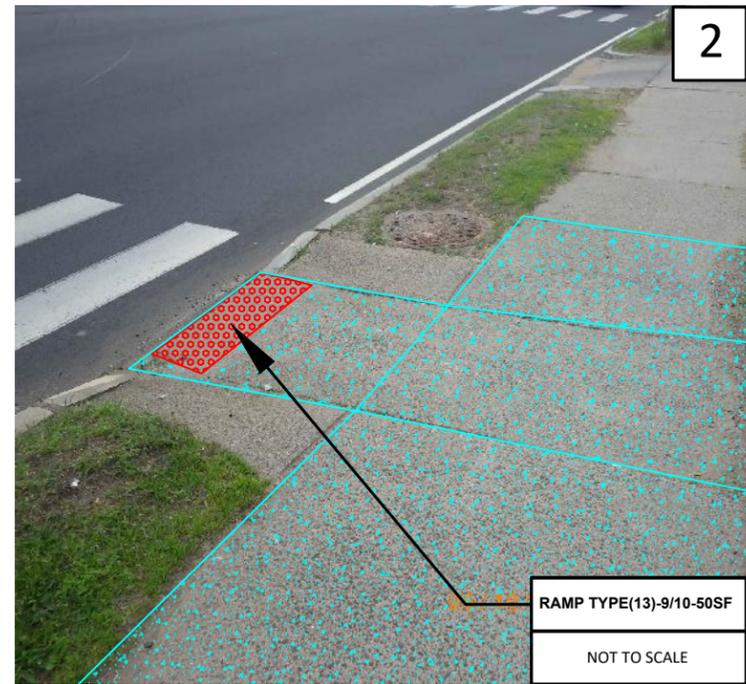


KEY MAP

NOT TO SCALE



RAMP TYPE(13)-8/10-50SF
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RAMP TYPE(13)-9/10-50SF
NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

SOUTH ST (MELLEN ST (2))

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

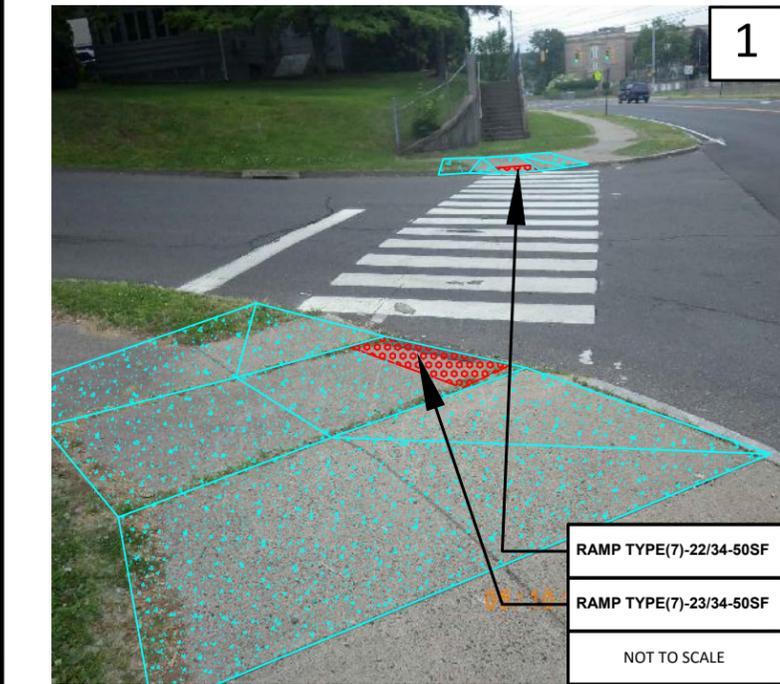
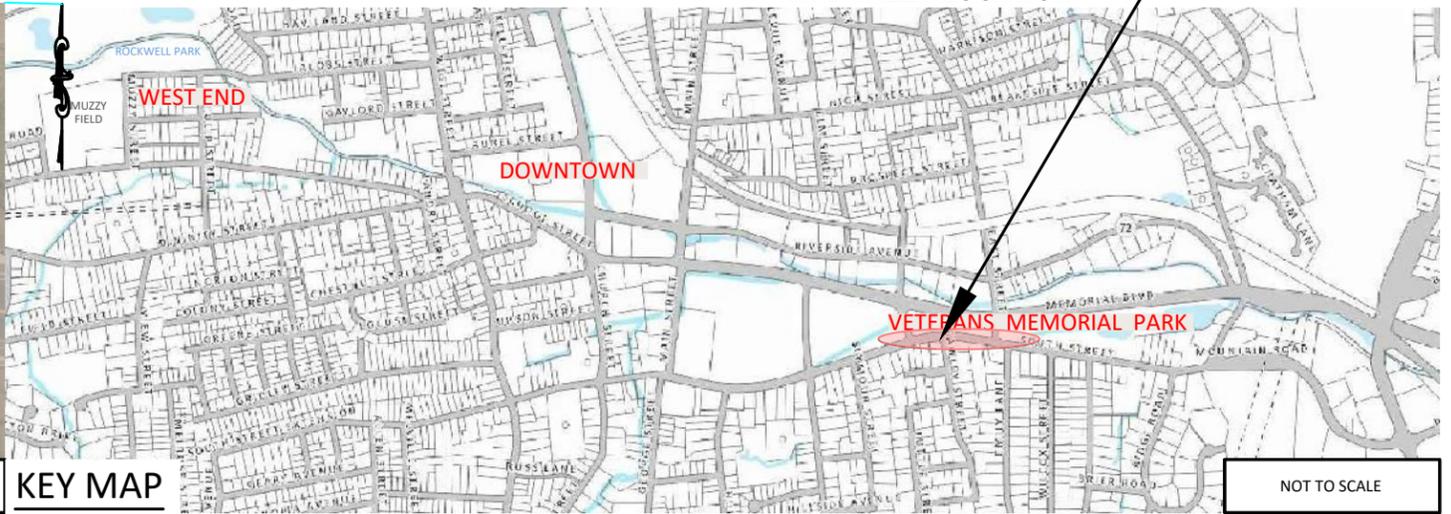


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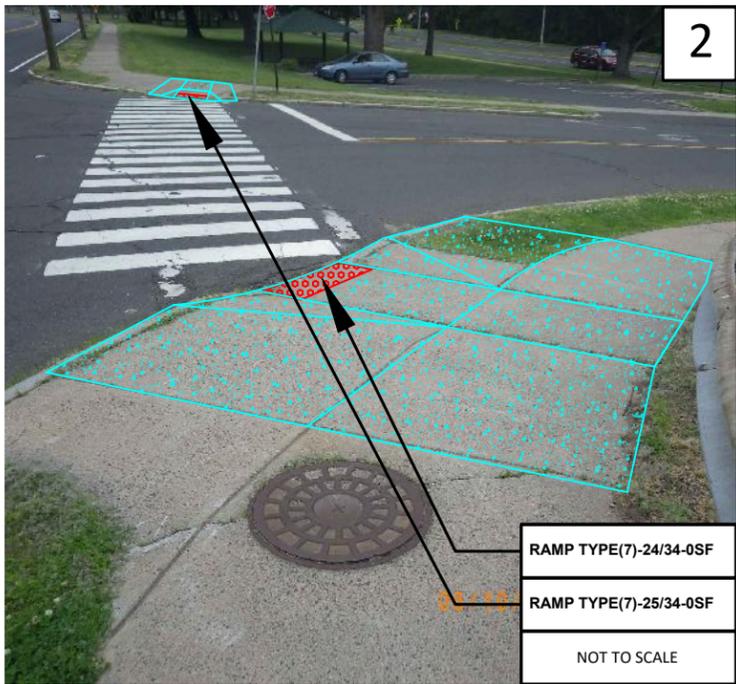
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PROJECT#:	2C21-003

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Bristol, Connecticut
SOUTH ST (MELLEEN ST (2))

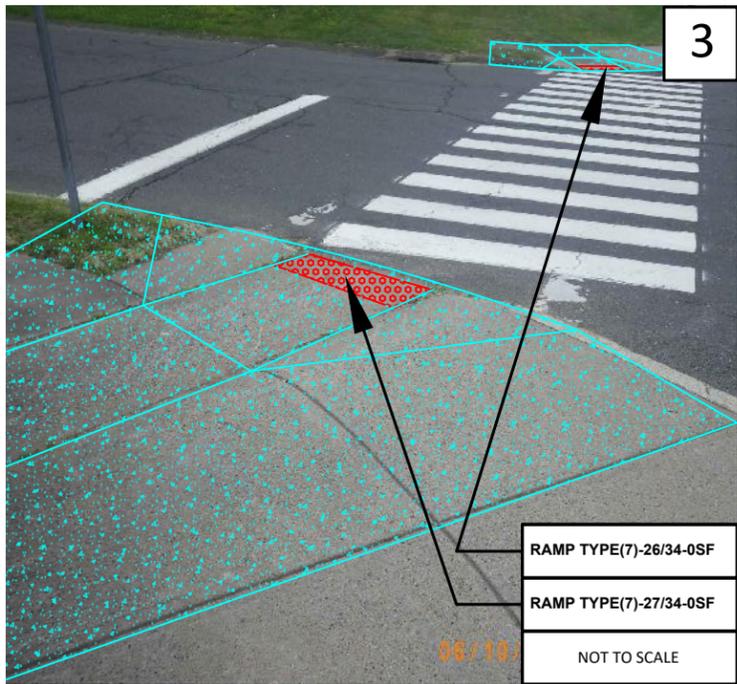
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 NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

SOUTH ST (CAWLEY ST AND EAST ST)

**LEGEND:
 SYMBOLS**

- | SYMBOLS | DESCRIPTIONS |
|---------|---|
| | REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS |
| | MARK PEDESTRIAN CROSSING |
| | STOP BAR |
| | SIDEWALKS |



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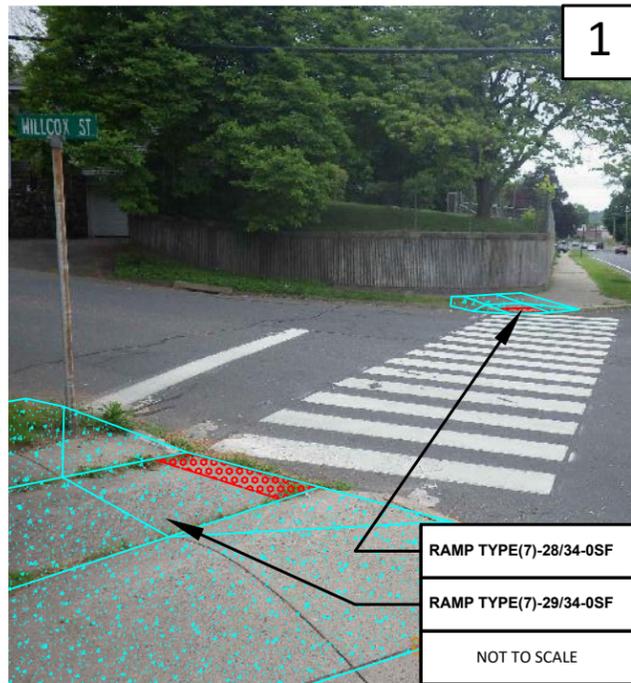
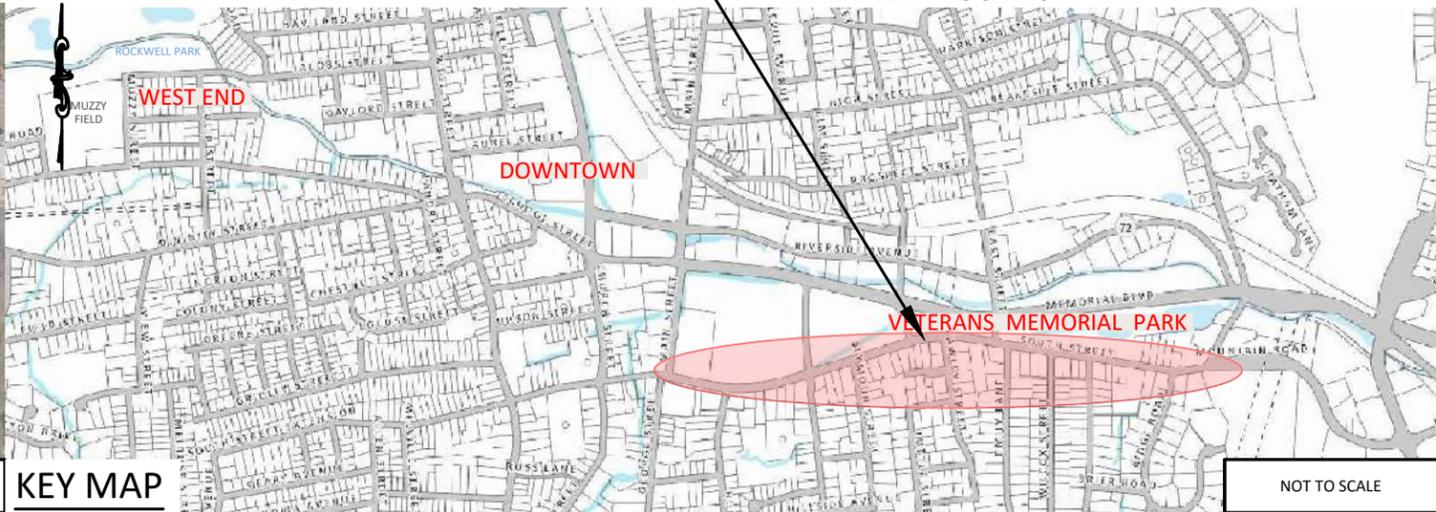
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NO.	DATE	COMMENTS

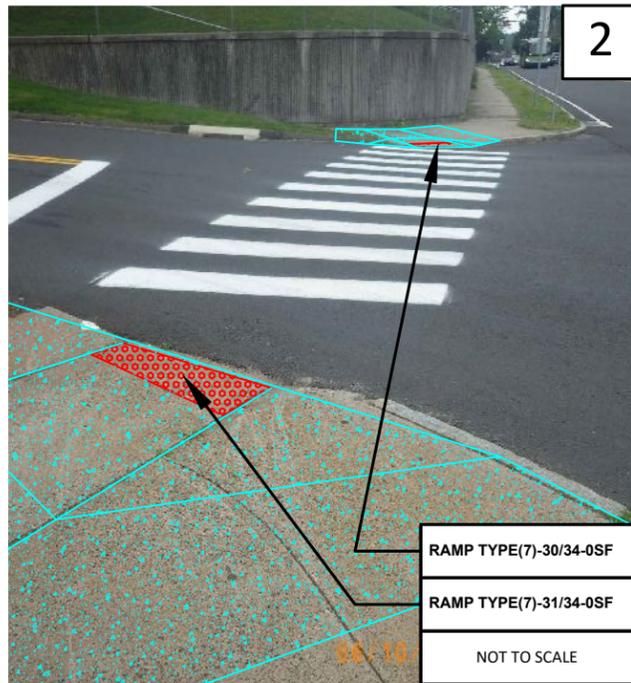
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 PROJECT#: 2C21-003

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 SOUTH ST (CAWLEY AND EAST ST)

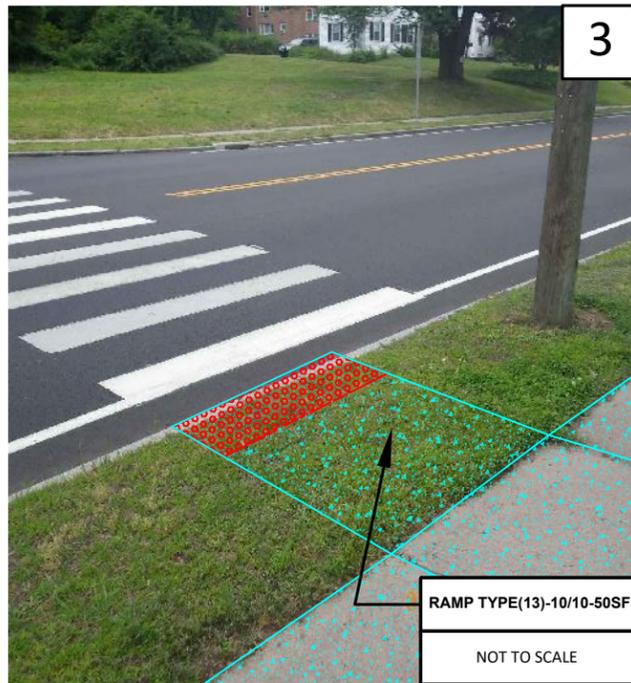
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C-20



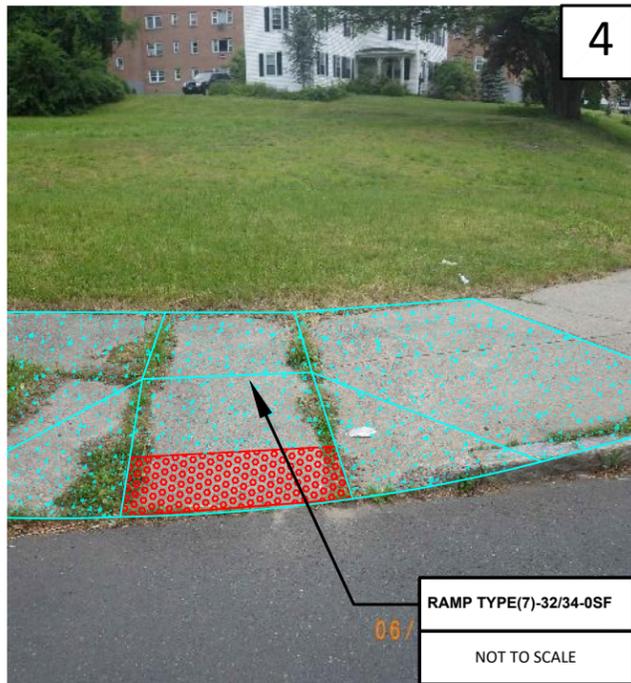
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RAMP TYPE(13)-10/10-50SF
 NOT TO SCALE



RAMP TYPE(7)-32/34-0SF
 NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS

SOUTH ST (WILLCOX ST, EAST RD AND RIDGE ST)

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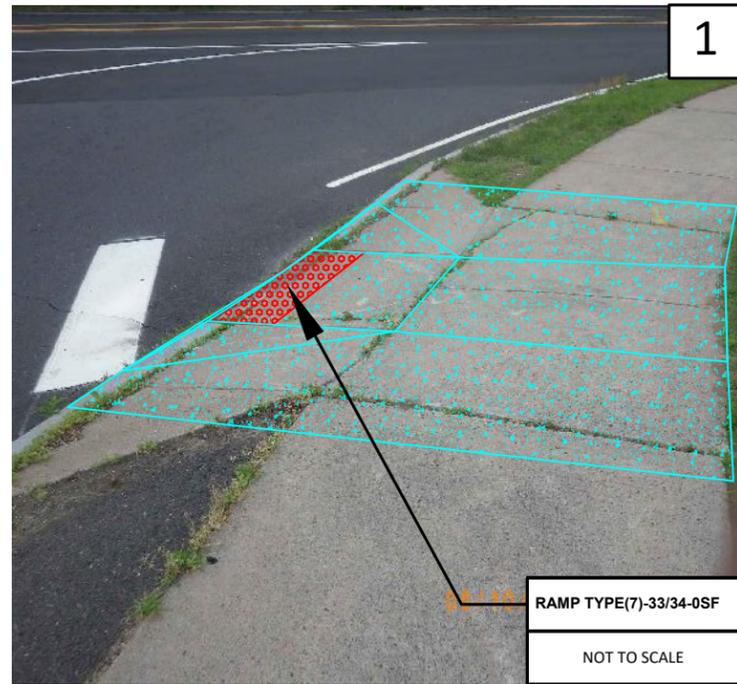
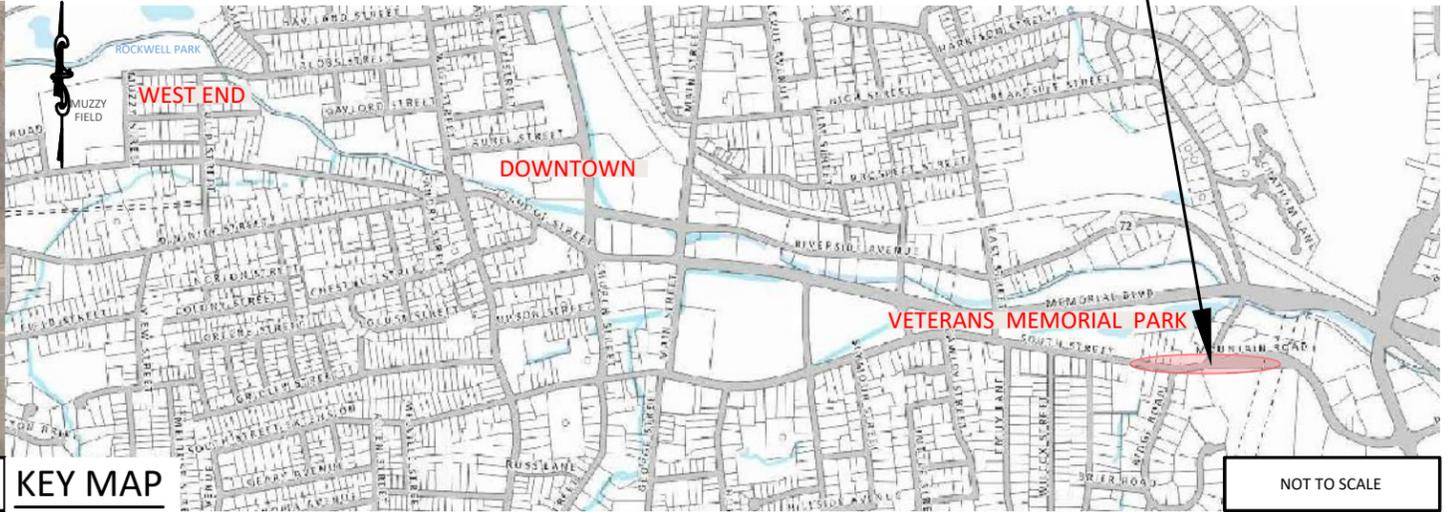
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 PROJECT#: 2C21-003

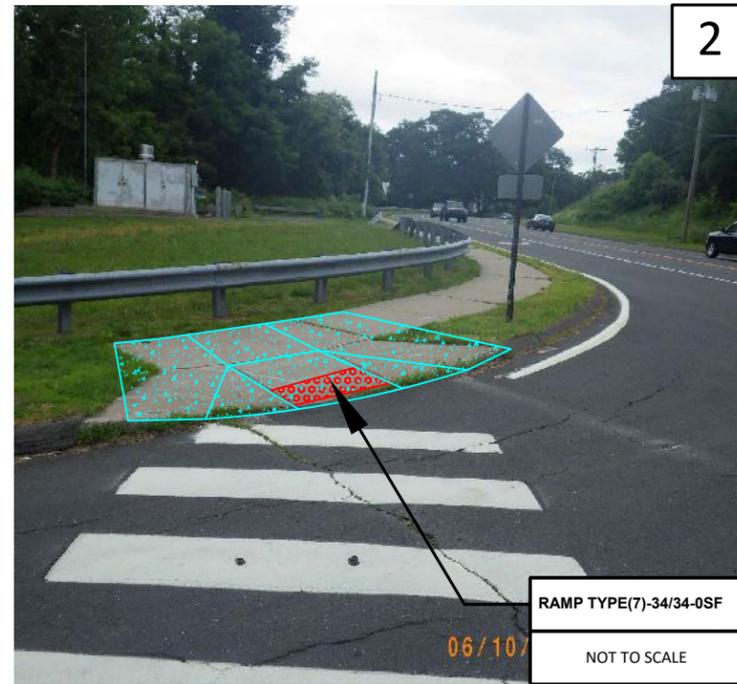
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SOUTH ST (WILLCOX ST, EAST RD AND RIDGE ST)

DRAWING NO.:
C-21



1
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NOT TO SCALE



2
RAMP TYPE(7)-34/34-0SF
06/10/20
NOT TO SCALE

NOTES:

- 1 - INSTALL STOP BAR MINIMUM 4 FEET BEHIND CROSSWALK.
- 2 - PHOTOS AND MAPS ARE FOR GRAPHIC REPRESENTATION ONLY AND ARE NOT TO SCALE. REFER TO DETAIL SHEETS FOR DIMENSIONAL SPECIFICATIONS.

SOUTH ST (DOWNS ST)

LEGEND:

SYMBOLS	DESCRIPTIONS
	REMOVE AND REPLACE SIDEWALK RAMP WITH DETECTABLE WARNINGS
	MARK PEDESTRIAN CROSSING
	STOP BAR
	SIDEWALKS



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Department of Public Works
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Bristol, Connecticut 06010
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SCALE: AS NOTED
DATE: 1/8/20
PROJECT #: 2C21-003

COMMUNITY CONNECTIVITY PROGRAM
Bristol, Connecticut
SOUTH ST (DOWNS ST)

DRAWING NO.:
C-22

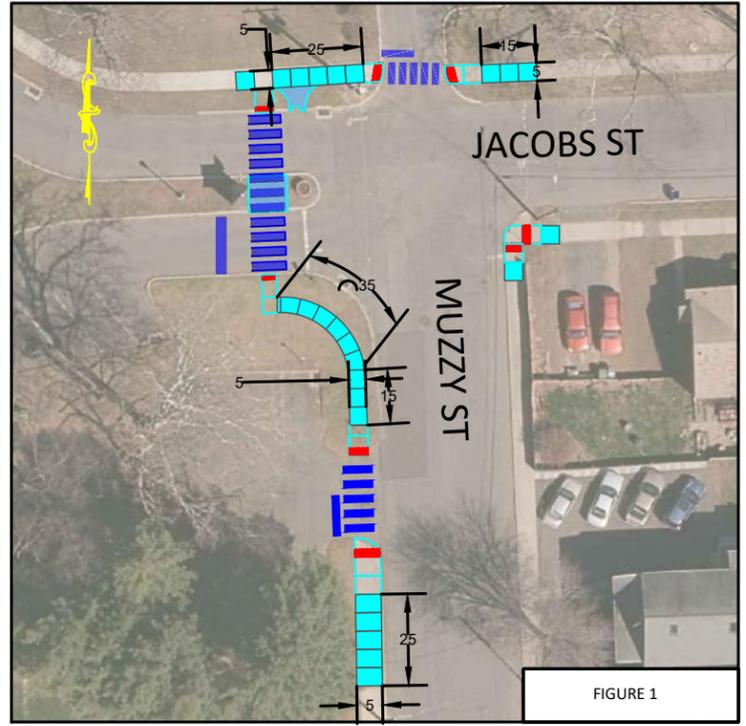


FIGURE 1

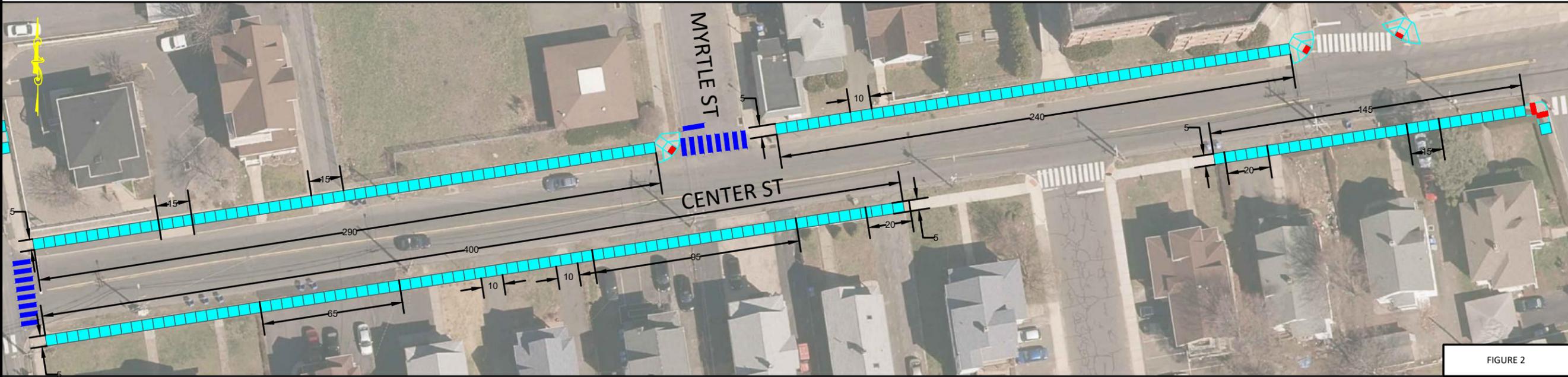


FIGURE 2

- NOTES:**
- 1 - SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF BRISTOL STANDARDS (SEE DETAILS)
 - 2 - REPLACE DISTURBED DRIVEWAY APRONS (300 LF)



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COMMUNITY CONNECTIVITY PROGRAM
 Bristol, Connecticut
 SIDEWALK DIMENSIONS

DRAWING NO.:
S-1

NOTES:

1 - SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF BRISTOL STANDARDS (SEE DETAILS)

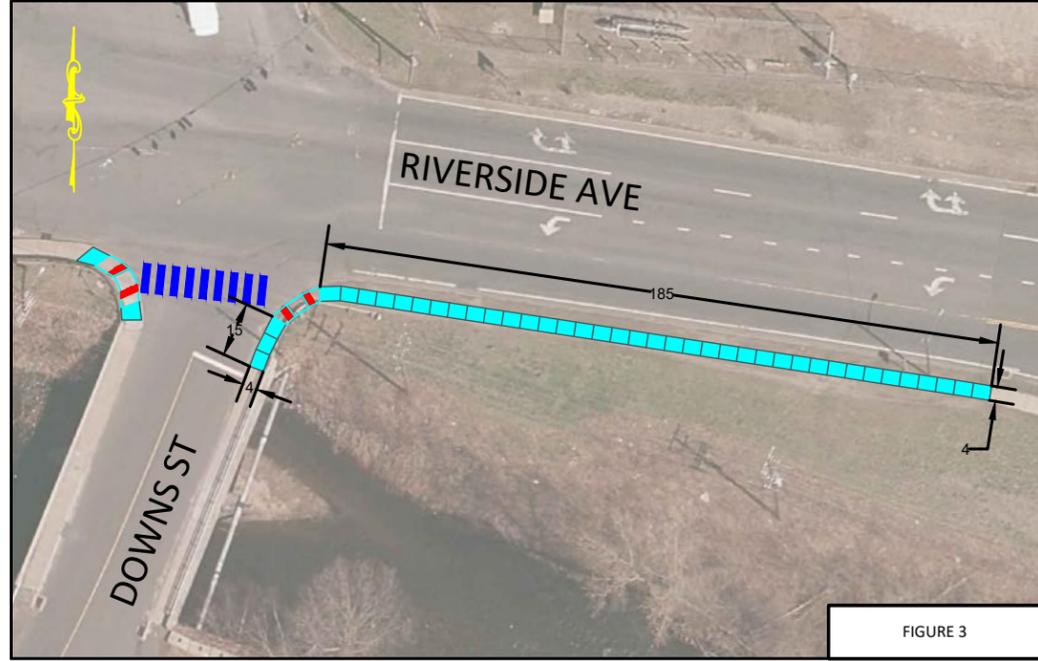


FIGURE 3

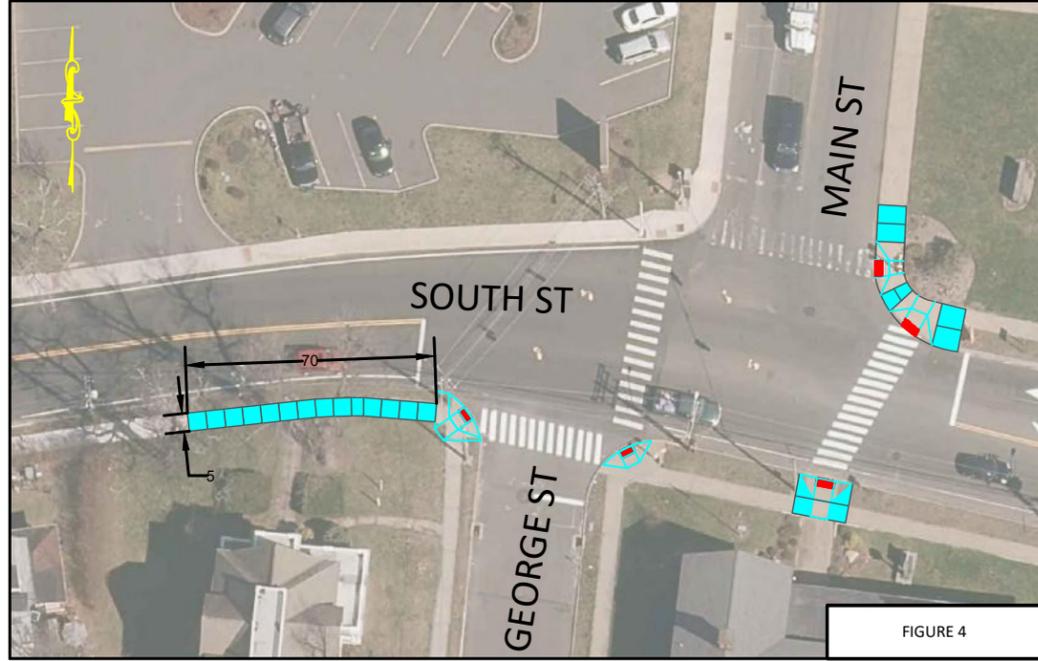


FIGURE 4

**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
SIDEWALK DIMENSIONS

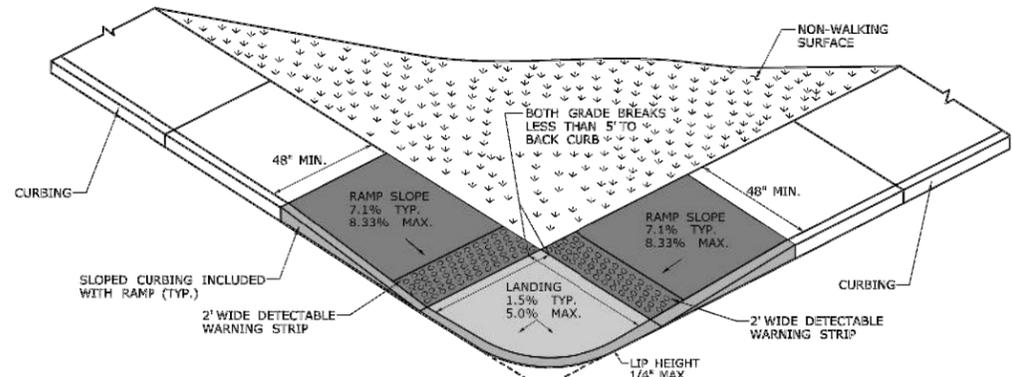
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S-2

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CHECKED BY: NL
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DATE: 1/8/20
PROJECT#: 2C21-003

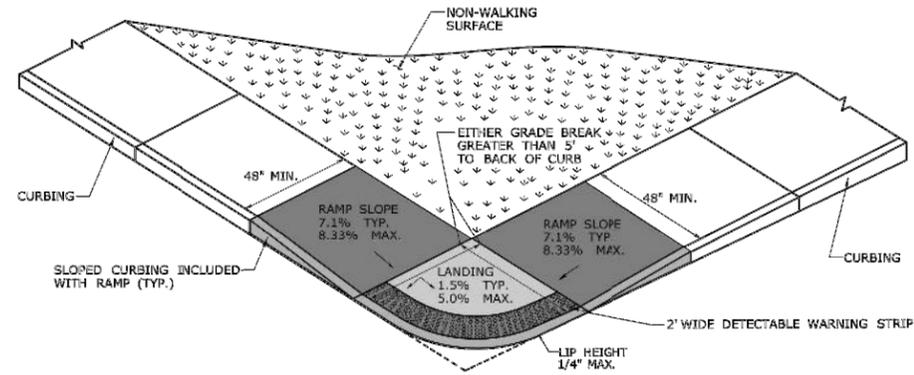
NO.	DATE	COMMENTS:

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Bristol, Connecticut 06010
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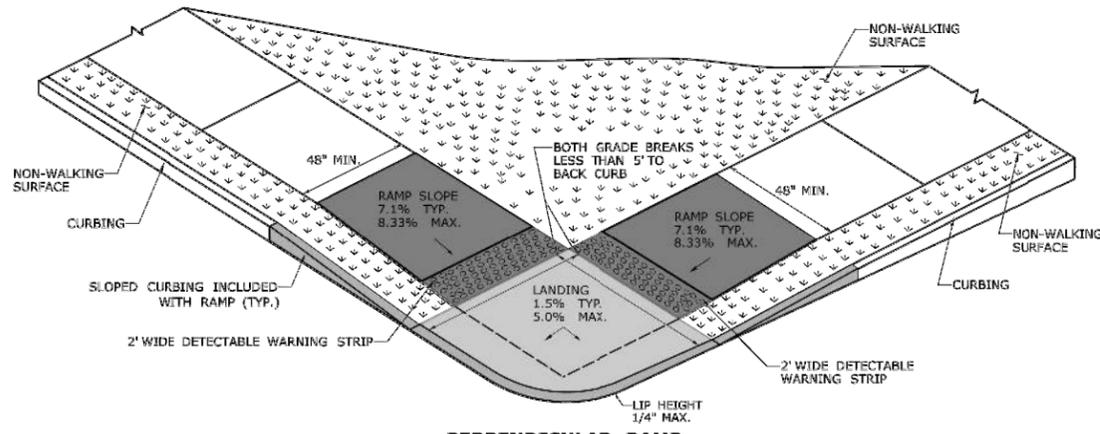




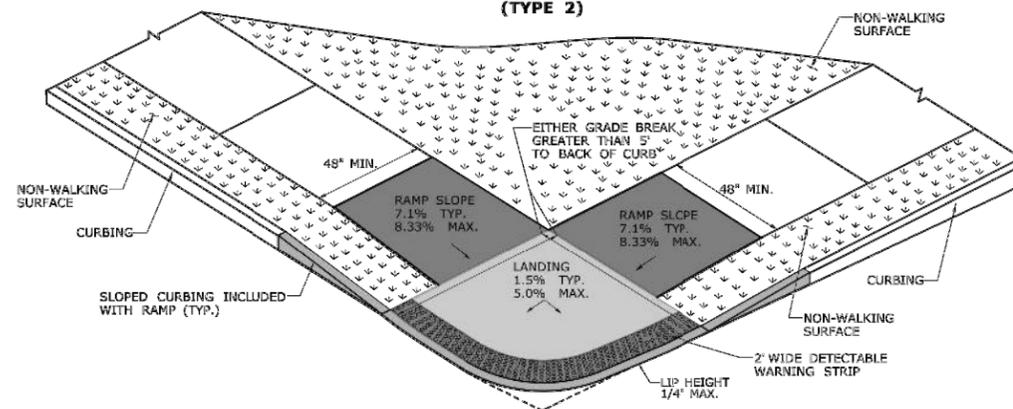
**PERPENDICULAR RAMP
WITH A GRADE BREAK
OF 5' OR LESS
(TYPE 1)**



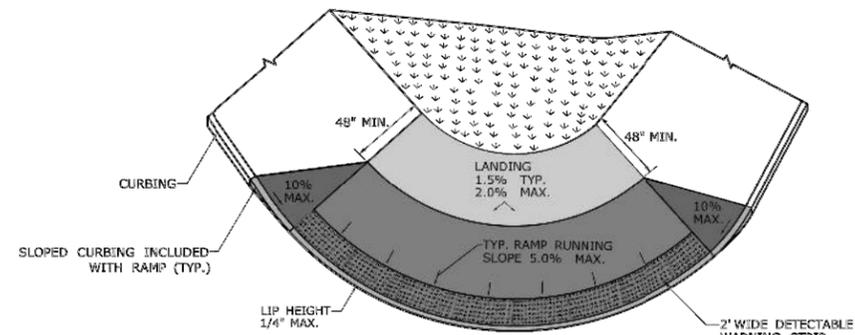
**BLENDED TRANSITION
WITH GRADE BREAK
GREATER THAN 5'
(TYPE 2)**



**PERPENDICULAR RAMP
TO BACK OF CURB
OF 5' OR LESS
(TYPE 3)**



**BLENDED TRANSITION
WITH A GRADE BREAK
TO BACK OF CURB
GREATER THAN 5'
(TYPE 4)**



**BLENDED TRANSITION
WITH LANDING AT TOP
(TYPE 5)**



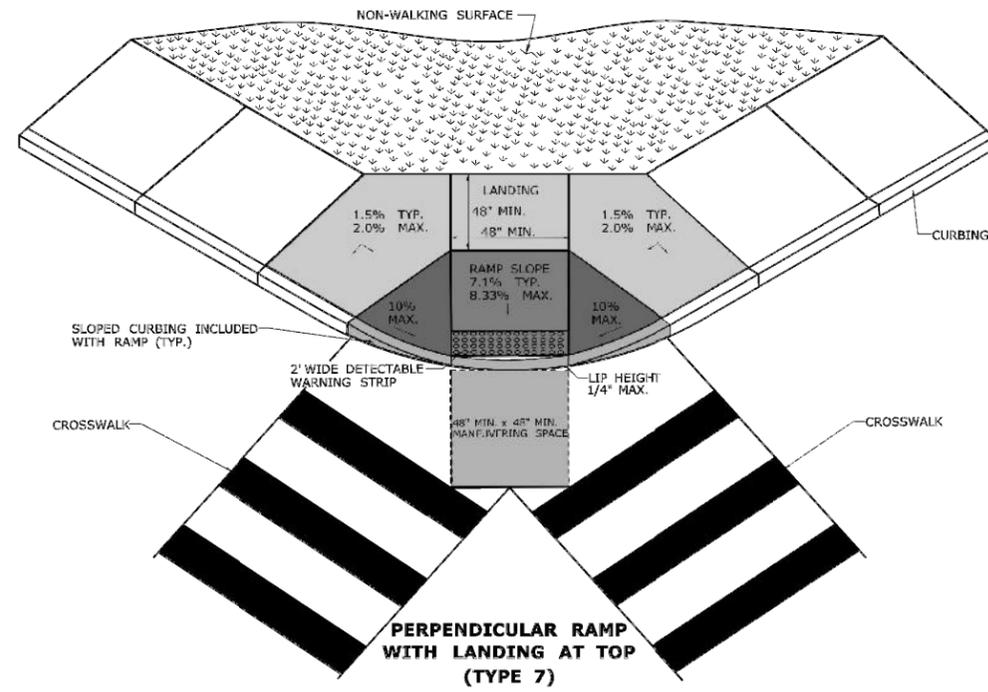
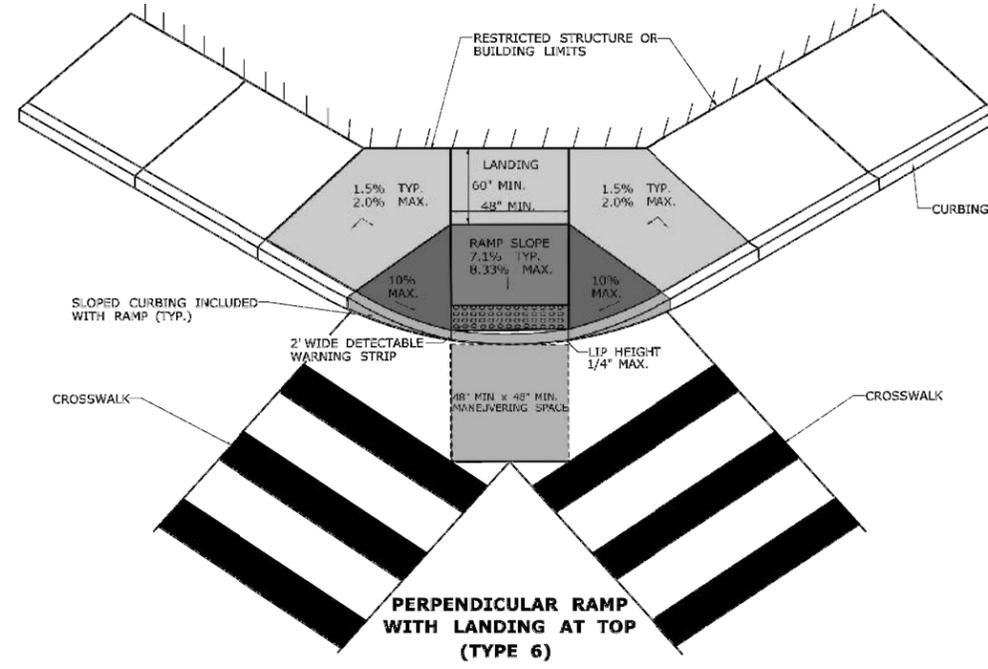
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DATE: 1/8/20
PROJECT#: 2C21-003

**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
DETAILS

DRAWING NO.:
D-1



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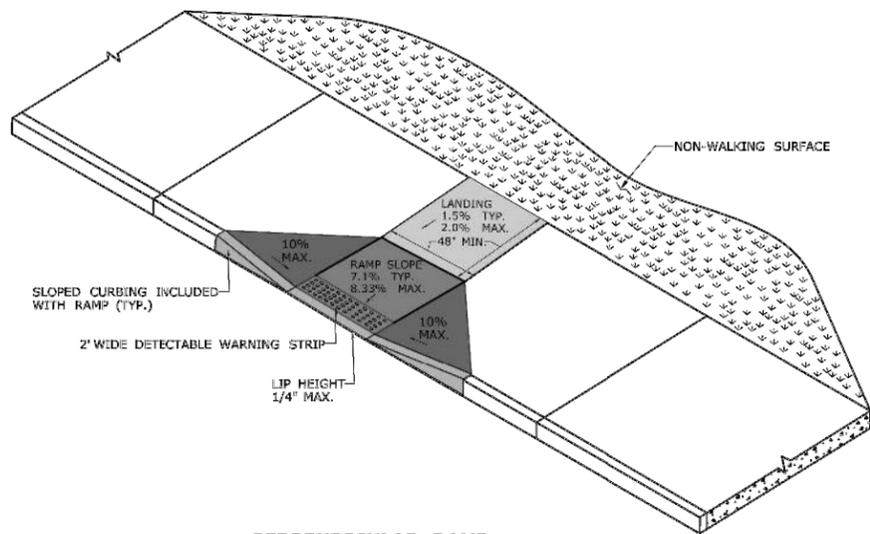
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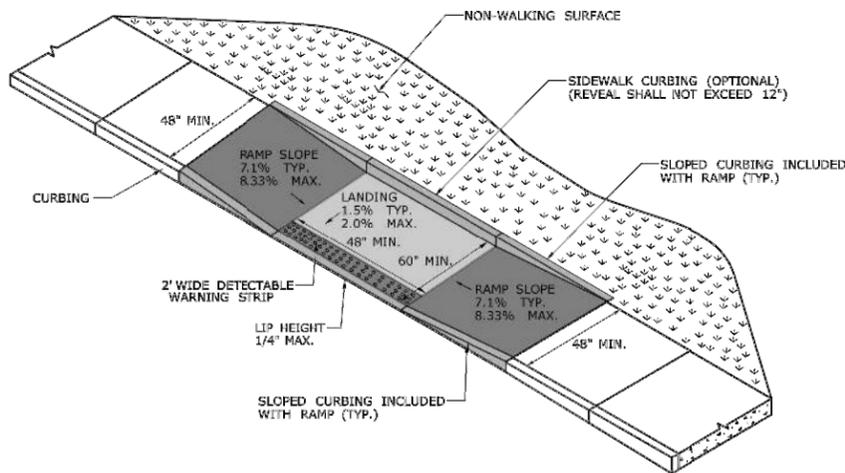
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COMMUNITY CONNECTIVITY PROGRAM
 Bristol, Connecticut
 DETAILS

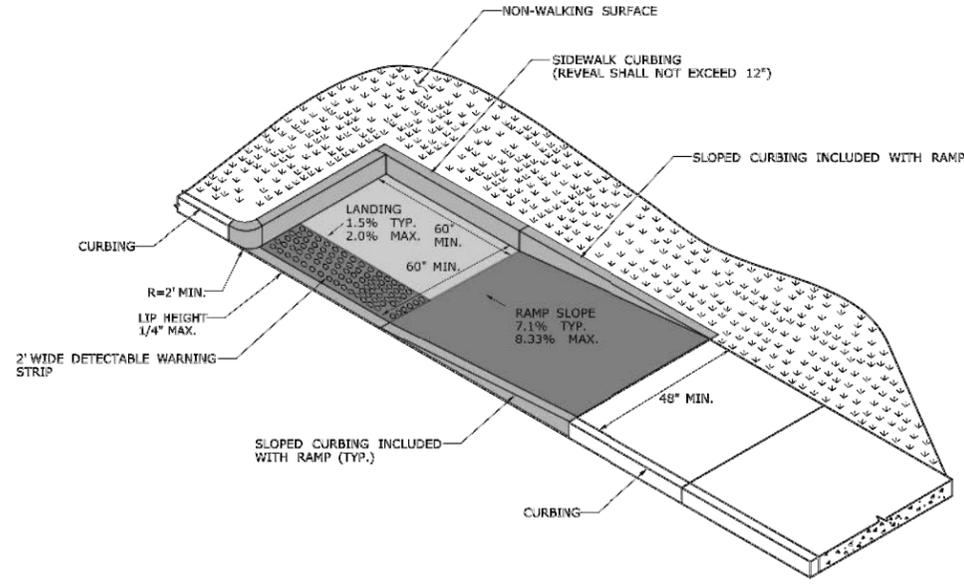
DRAWING NO.:
D-2



PERPENDICULAR RAMP WITH 48" BY-PASS (TYPE 8)



PARALLEL RAMP WITHOUT NON-WALKING SURFACE (TYPE 9)



PARALLEL RAMP WITH LANDING AT BOTTOM ON CORNER (TYPE 10)



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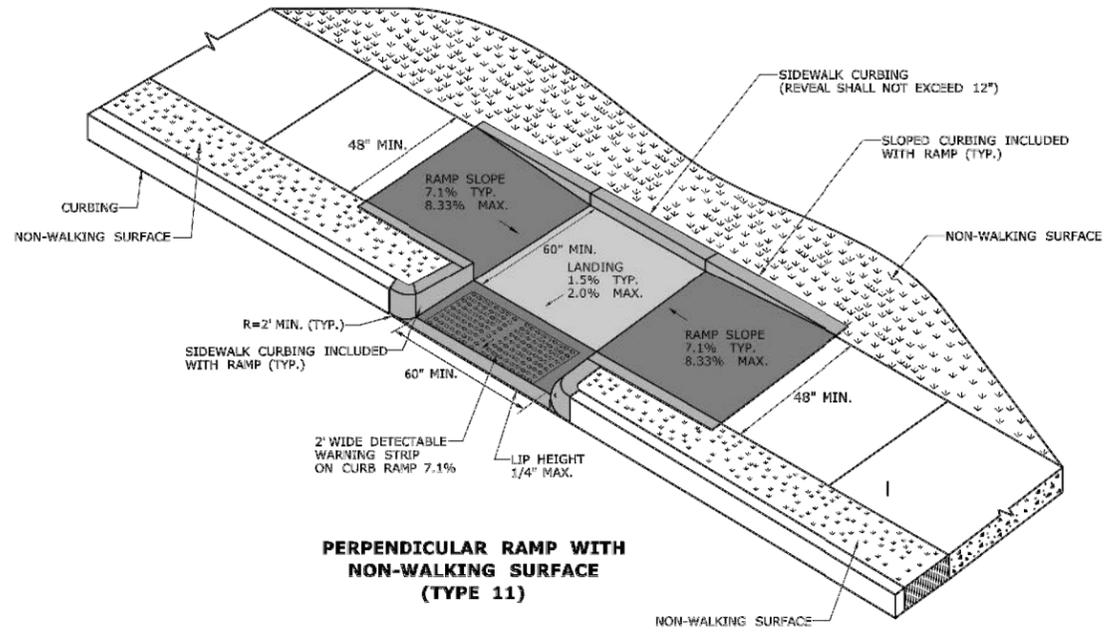
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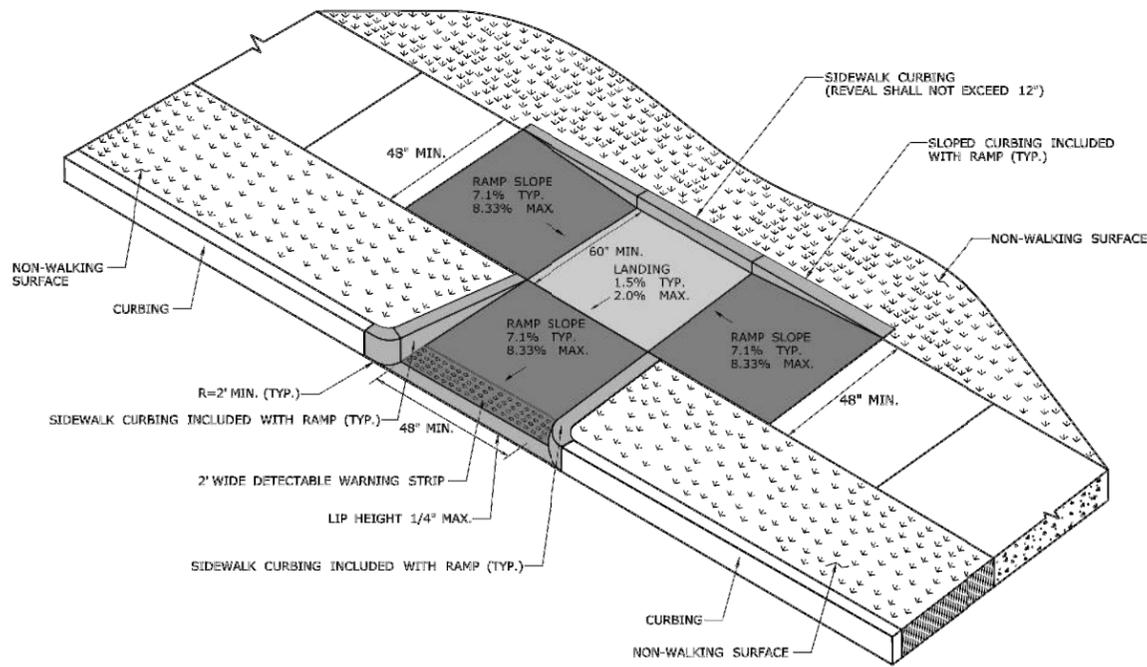
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COMMUNITY CONNECTIVITY PROGRAM
 Bristol, Connecticut
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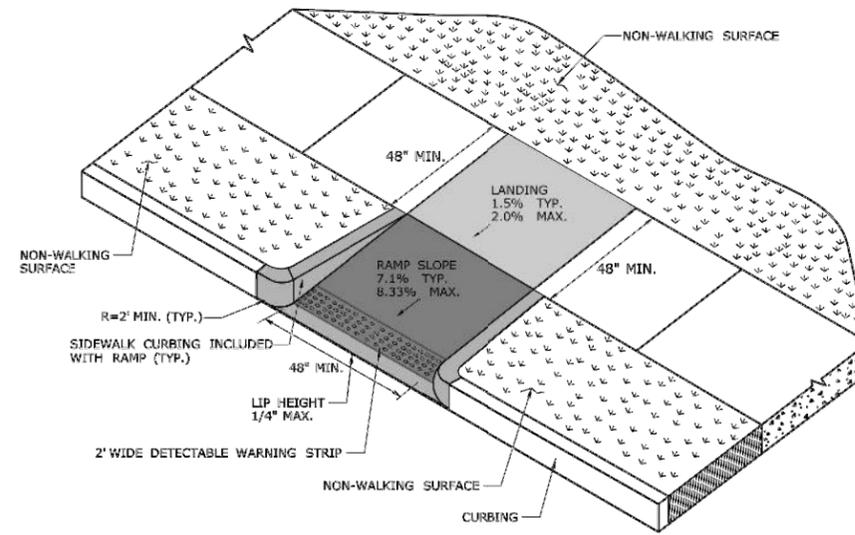
DRAWING NO.:
D-3



**PERPENDICULAR RAMP WITH
NON-WALKING SURFACE
(TYPE 11)**



**PERPENDICULAR RAMP WITH SIDEWALK CURB
AND NON-WALKING SURFACE
(TYPE 12)**



**PERPENDICULAR RAMP
WITH NON-WALKING SURFACE
(TYPE 13)**



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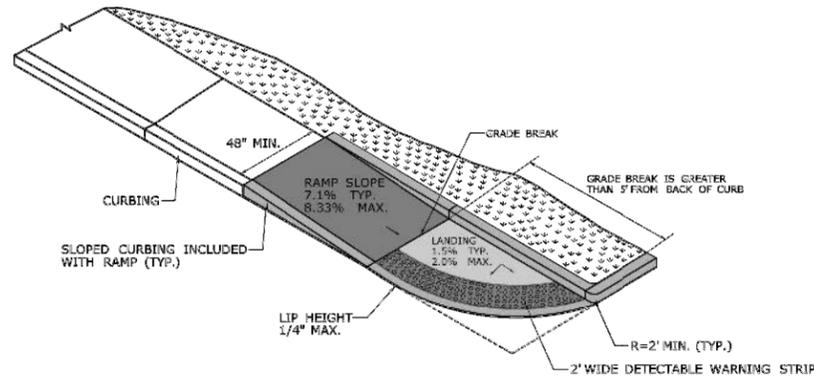
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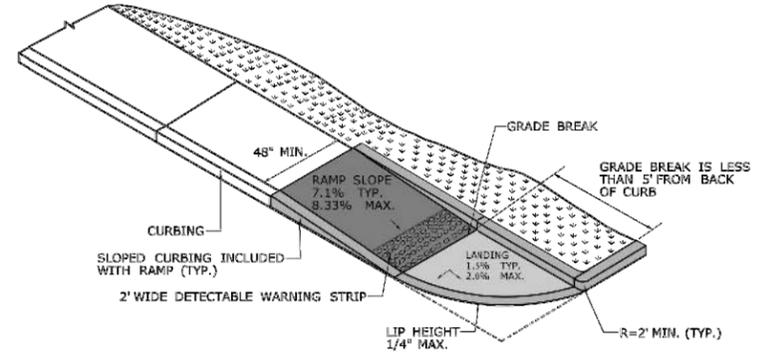
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**COMMUNITY
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Bristol, Connecticut
DETAILS

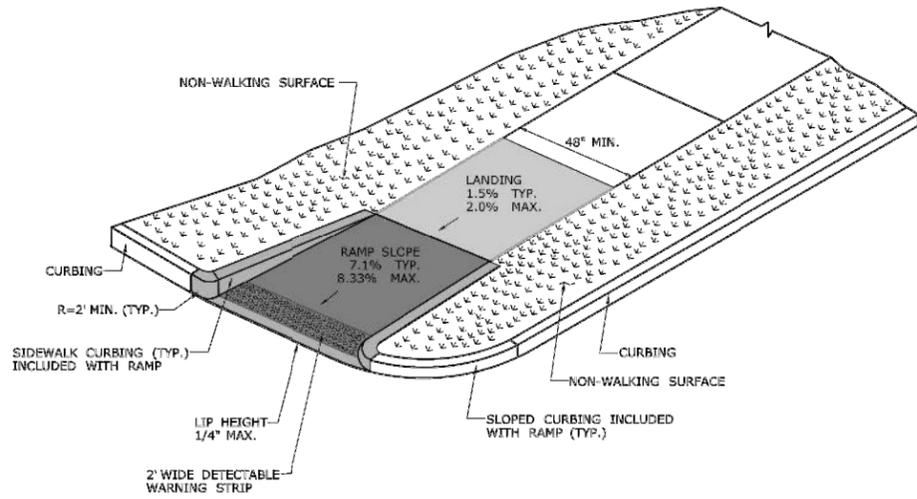
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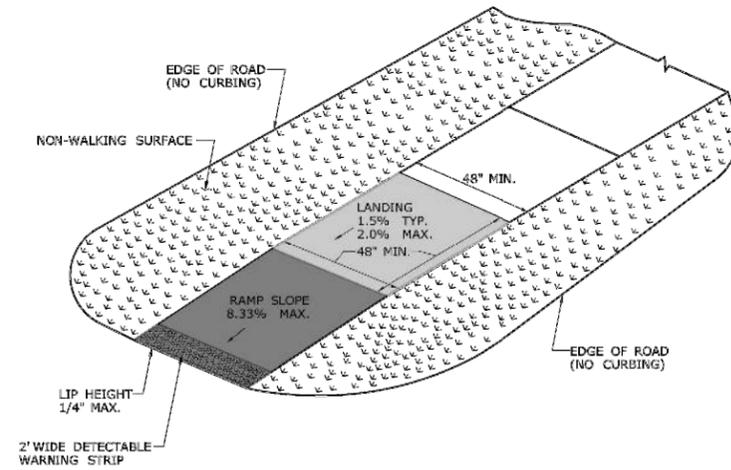
**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK GREATER THAN 5'
(TYPE 14)**



**SINGLE DIRECTION RAMP
WITHOUT NON-WALKING SURFACE
GRADE BREAK LESS THAN 5'
(TYPE 15)**



**SINGLE DIRECTION - RETURN CURB
WITH NON-WALKING SURFACE
(TYPE 16)**



**SINGLE DIRECTION - NO CURB
WITH NON-WALKING SURFACE
(TYPE 17)**



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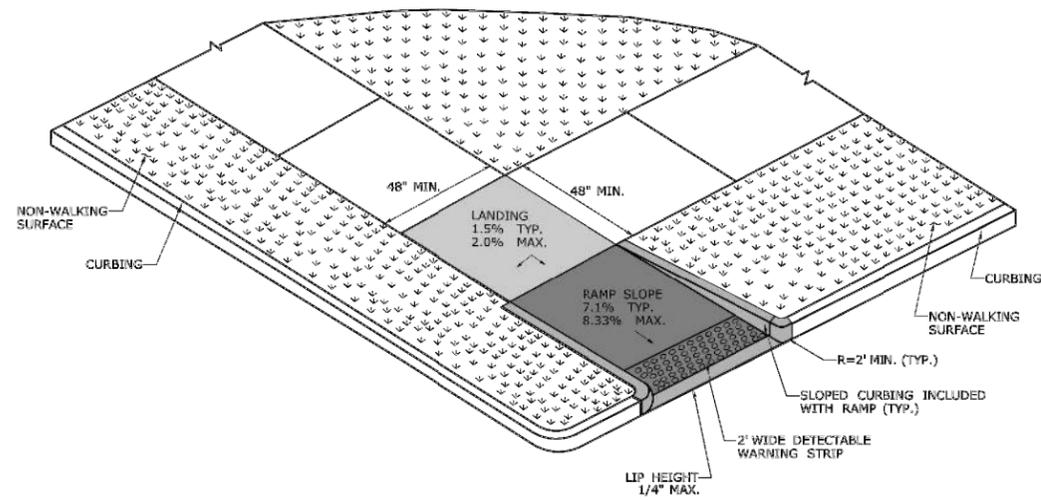
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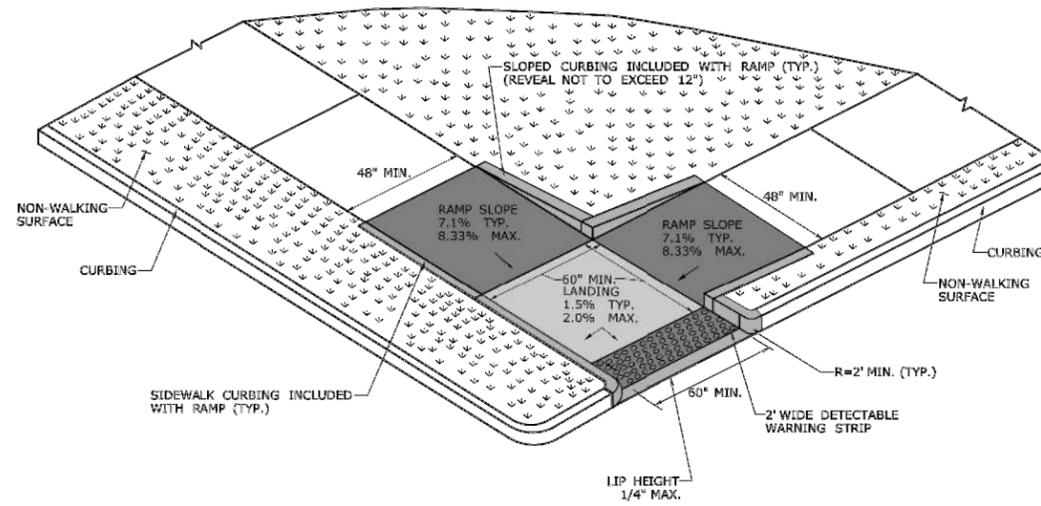
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CHECKED BY: NL
SCALE: AS NOTED
DATE: 1/8/20
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**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
DETAILS

DRAWING NO.:
D-5



**RESTRICTED PEDESTRIAN CROSSING SIDEWALK RAMP
WITH NON-WALKING SURFACE
(TYPE 20)**



**RESTRICTED PEDESTRIAN CROSSING
WITH LANDING AT BOTTOM AND NON-WALKING SURFACE
(TYPE 21)**



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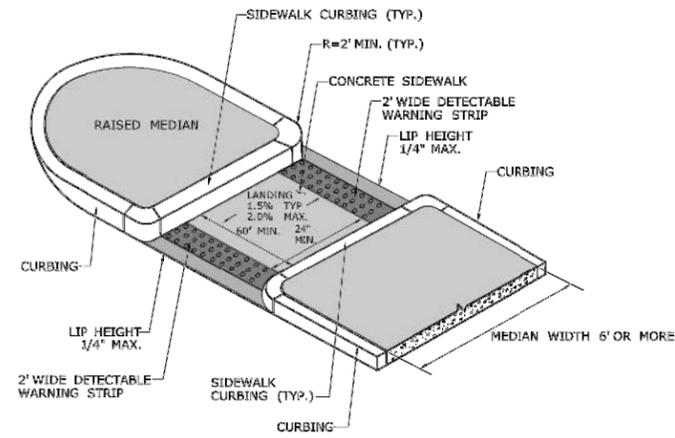
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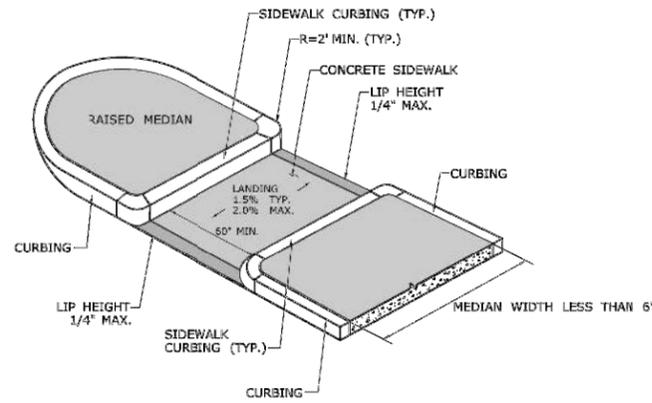
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CHECKED BY: NL
SCALE: AS NOTED
DATE: 1/8/20
PROJECT#: 2C21-003

**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
DETAILS

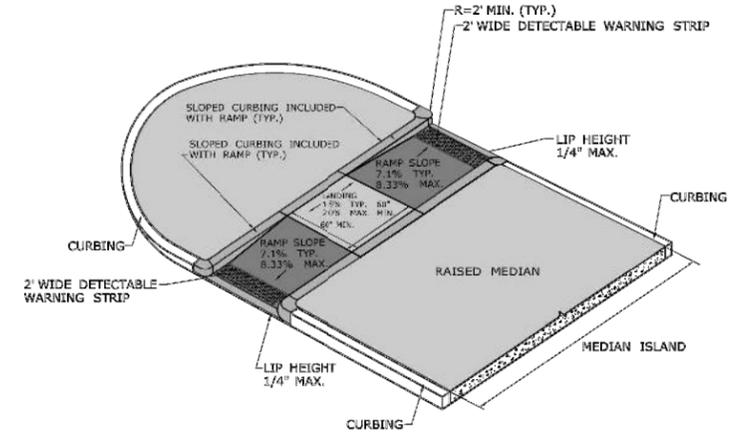
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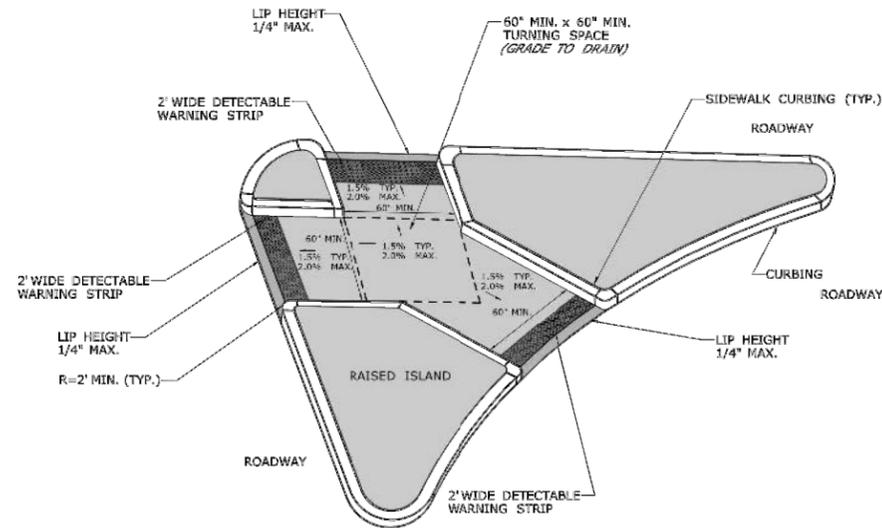
**CUT-THROUGH PEDESTRIAN REFUGE ISLAND
MEDIAN WIDTH 6' OR MORE
(TYPE 22)**



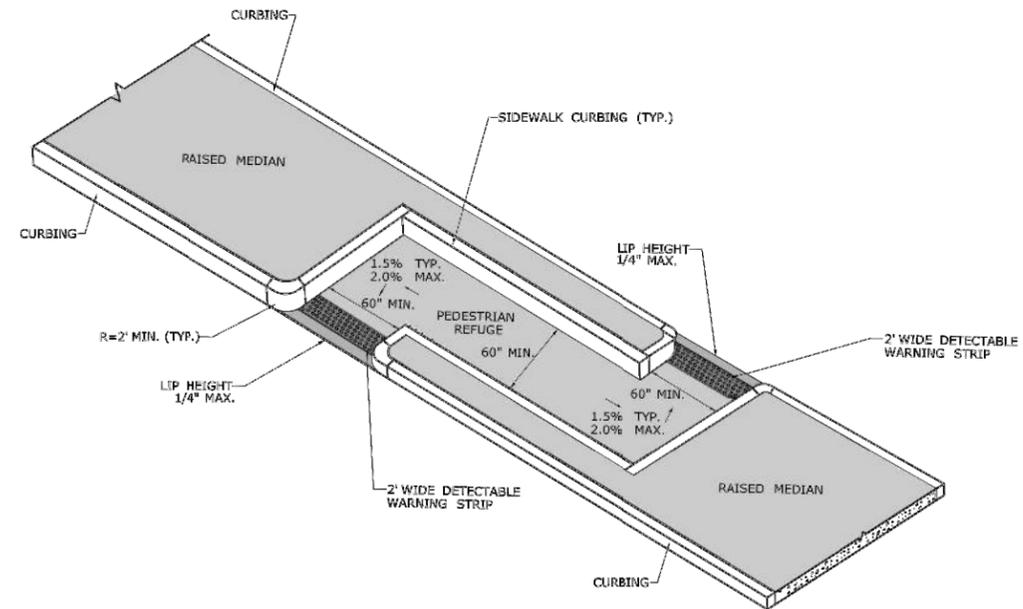
**CUT-THROUGH PEDESTRIAN REFUGE ISLAND
MEDIAN WIDTH LESS THAN 6'
(TYPE 23)**



**PEDESTRIAN REFUGE ISLAND WITH LANDING AND RAMPS
(TYPE 24)**



**CUT-THROUGH PEDESTRIAN REFUGE ISLAND
(TYPE 25)**



**CUT-THROUGH PEDESTRIAN REFUGE ISLAND
OFFSET CONFIGURATION
(TYPE 26)**



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Department of Public Works**
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Fax 860-584-3838
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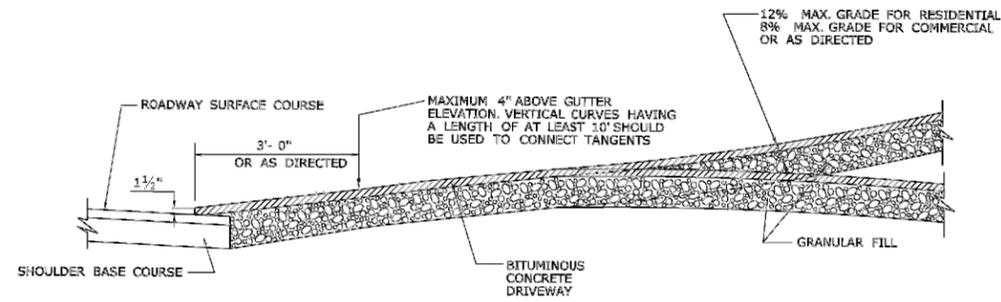
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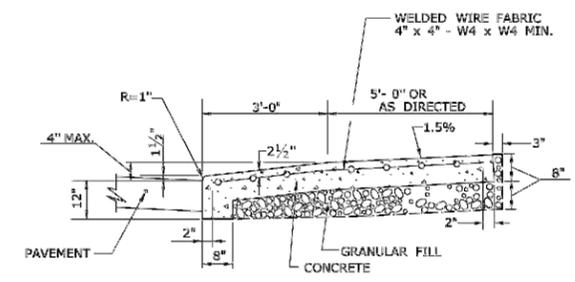
DESIGN BY: CVP
DRAFTED BY: CVP
CHECKED BY: NL
SCALE: AS NOTED
DATE: 1/8/20
PROJECT#: 2021-003

**COMMUNITY
CONNECTIVITY PROGRAM**
Bristol, Connecticut
DETAILS

DRAWING NO.:
D-7

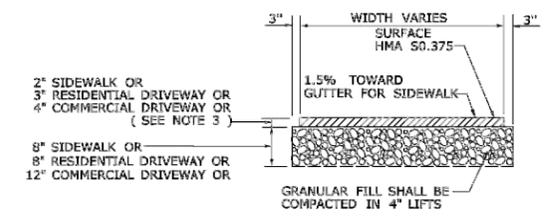


SECTION A

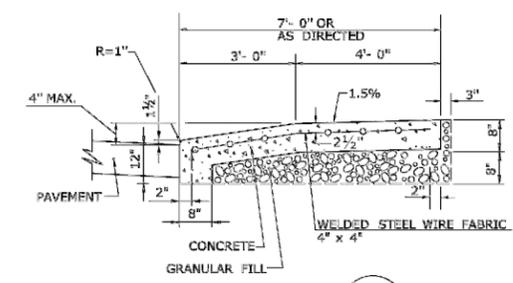


SECTION C

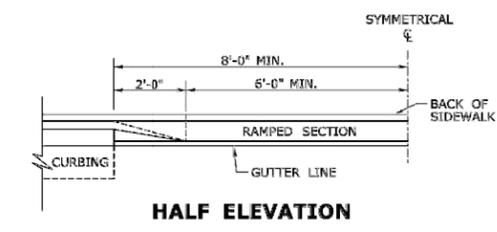
- GENERAL NOTES:**
1. DRIVEWAY ENTRANCE SHALL BE A MINIMUM OF 12' WIDE, EXCLUDING CURBING WHEN PRESENT.
 2. WELDED WIRE FABRIC MATS WITH REINFORCING AT CLOSER SPACING MAY BE USED.
 3. SURFACE HMA S0.375 TO BE PLACED IN TWO EQUAL LIFTS FOR BOTH RESIDENTIAL AND COMMERCIAL DRIVEWAYS.



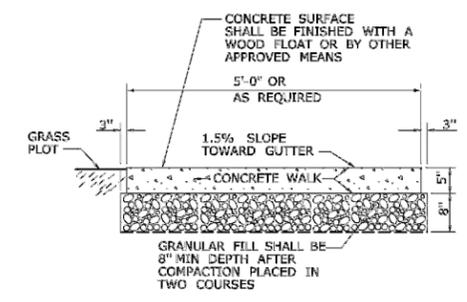
TYPICAL SECTION BITUMINOUS CONCRETE SIDEWALK AND DRIVEWAY



SECTION B

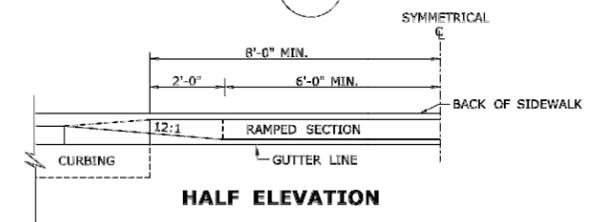


HALF ELEVATION

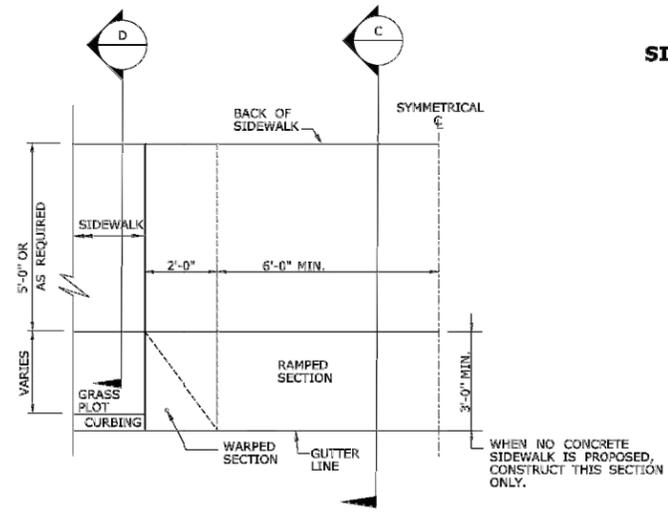


SECTION D

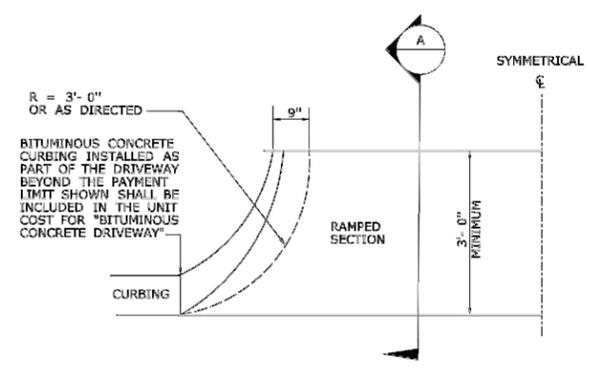
5' WIDE CONCRETE SIDEWALK WITH GRASS PLOT



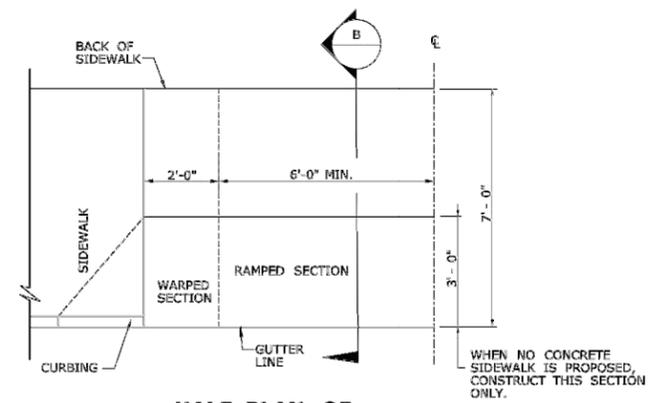
HALF ELEVATION



HALF PLAN OF CONCRETE DRIVEWAY RAMP WHERE CURB IS SEPARATED FROM SIDEWALK BY GRASS PLOT



HALF BITUMINOUS CONCRETE DRIVEWAY PLAN



HALF PLAN OF CONCRETE DRIVEWAY RAMP WHERE SIDEWALK ADJOINS CURBING



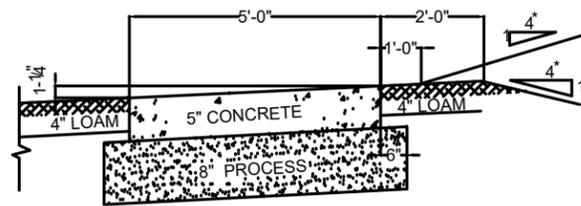
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 Department of Public Works
 Tel. 860-584-6125
 Fax 860-584-3838
 ci.bristol.ct.us

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COMMUNITY CONNECTIVITY PROGRAM
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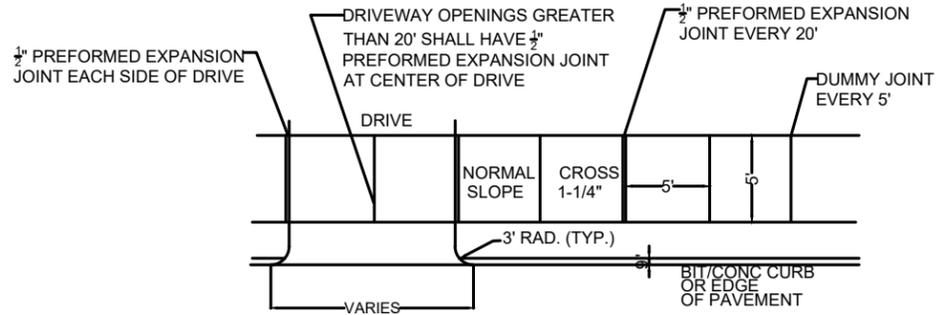
DRAWING NO.:
D-8



TYPICAL 5' WIDE SIDEWALK SECTION

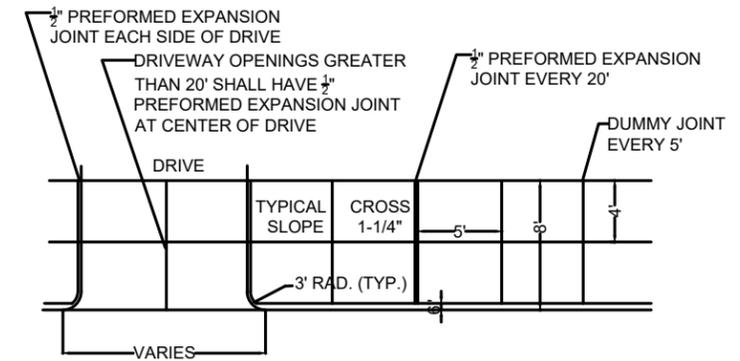
NOT TO SCALE

*UNLESS OTHERWISE NOTED



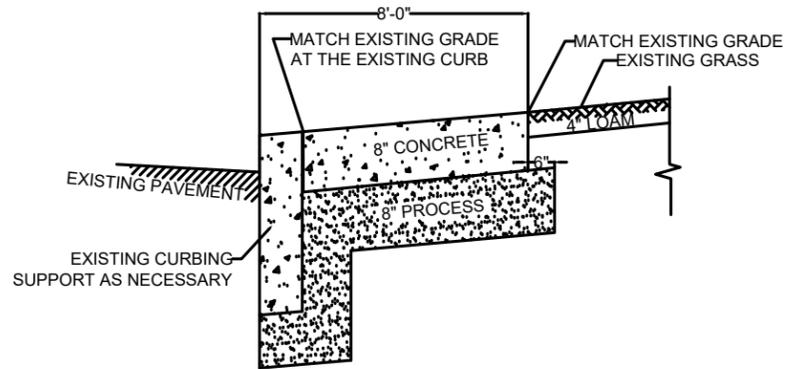
TYPICAL SIDEWALK PLAN

NOT TO SCALE



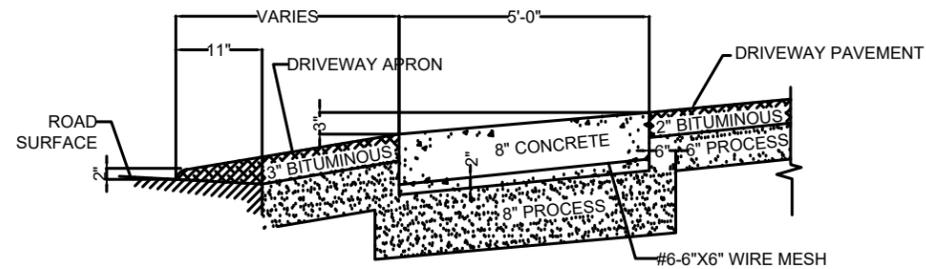
TYPICAL 8' WIDE SIDEWALK PLAN

NOT TO SCALE



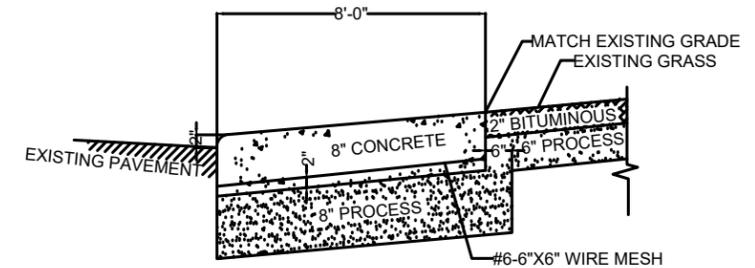
TYPICAL 8' WIDE SIDEWALK SECTION

NOT TO SCALE



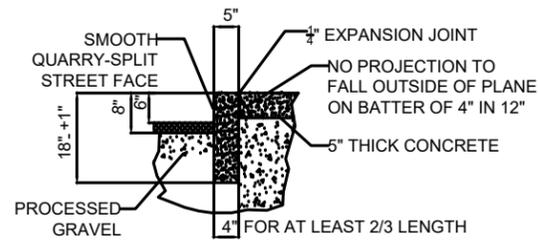
TYPICAL BITUMINOUS DRIVEWAY & SIDEWALK SECTION

NOT TO SCALE



TYPICAL 8' WIDE DRIVEWAY APRON CROSS SECTION

NOT TO SCALE



PRECAST CONCRETE CURB OR GRANITE CURB DETAIL

NOT TO SCALE



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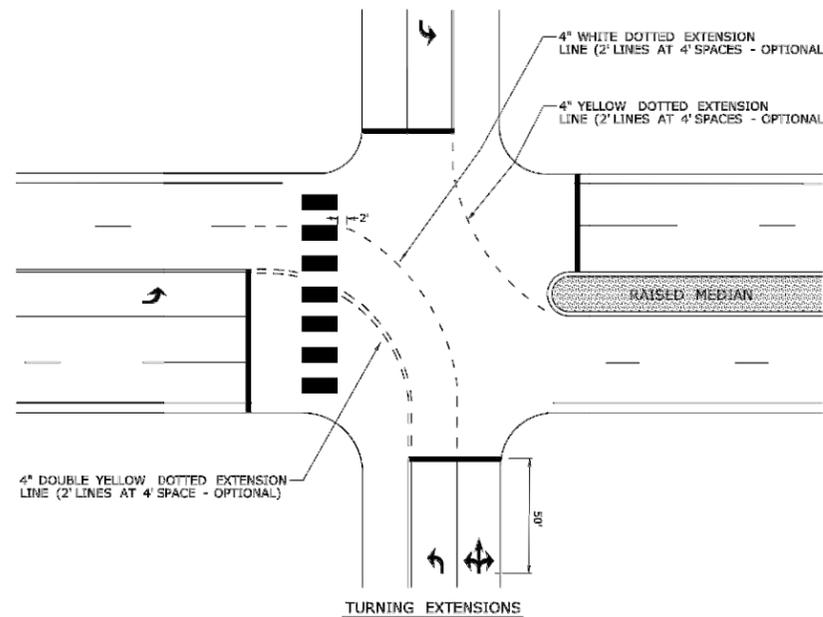
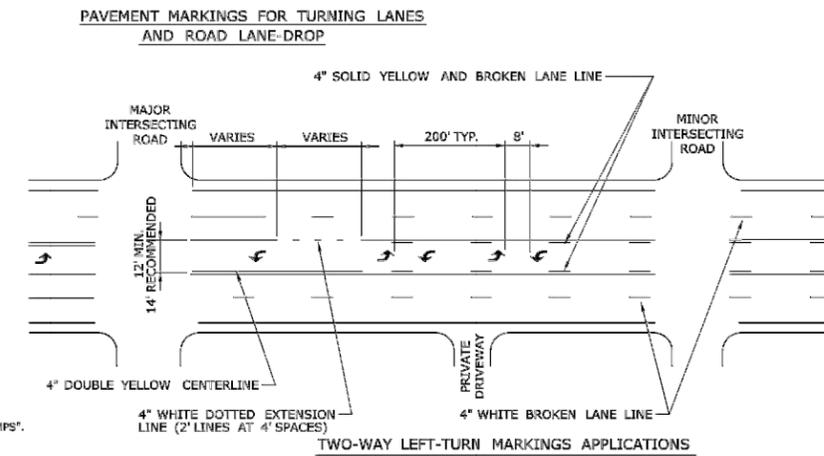
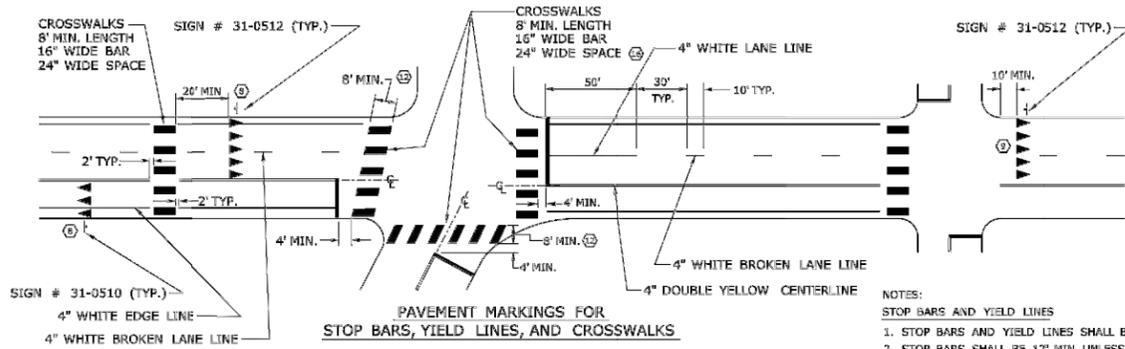
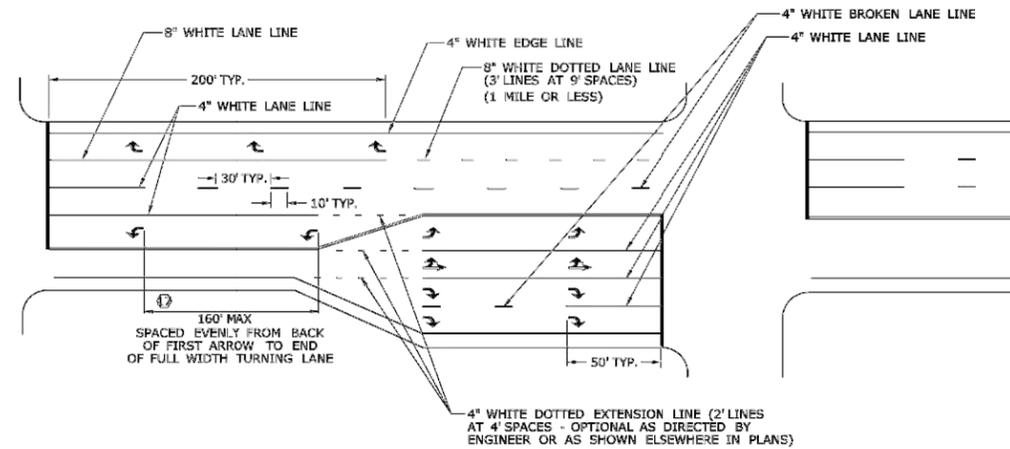
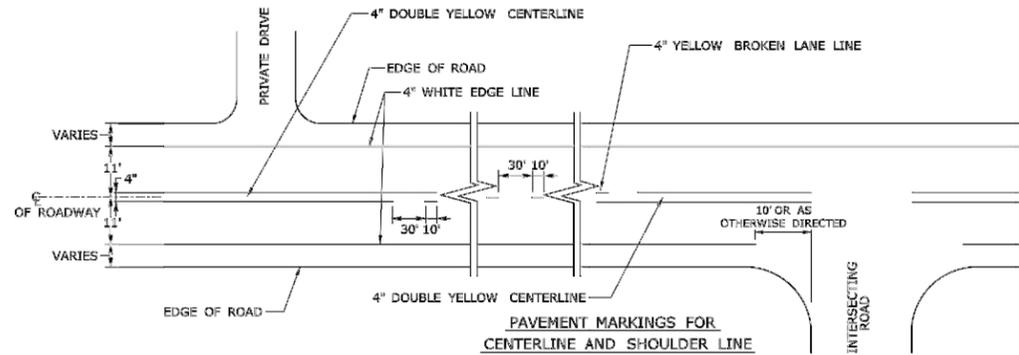
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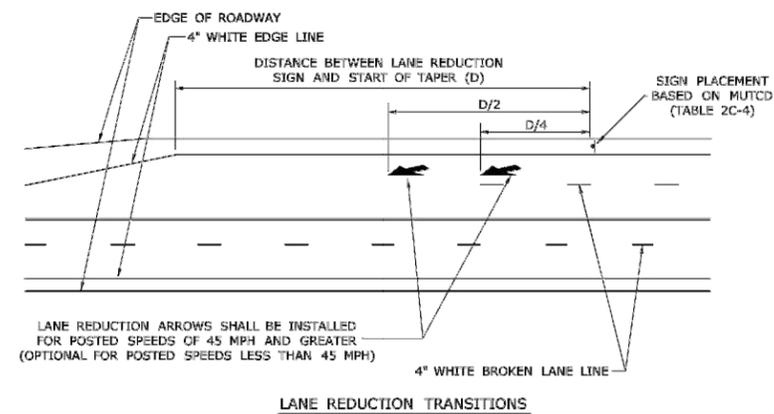
DRAWING NO.:
D-9



- NOTES:**
STOP BARS AND YIELD LINES
 1. STOP BARS AND YIELD LINES SHALL BE WHITE.
 2. STOP BARS SHALL BE 12" MIN. UNLESS OTHERWISE NOTED ON PLANS.
 3. STOP BARS TO BE PLACED A MINIMUM OF 4' IN ADVANCE OF THE NEAREST EDGE OF CROSSWALK AND SHOULD BE PLACED 50' TO THE CENTERLINE OF THE ROADWAY.
 4. IN THE ABSENCE OF A MARKED CROSSWALK THE STOP BAR SHOULD BE PLACED 90° THE CENTERLINE OF THE ROADWAY, AT THE DESIRED STOPPING POINT AT LEAST 5' AND NO MORE THAN 30' FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY.
 5. THE STOP SIGN SHOULD BE PLACED IN LINE WITH THE STOP BAR. HOWEVER, IF THE STOP SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO STOP, THE STOP BAR SHOULD BE PLACED AT THE STOPPING POINT.
 6. FOR STOP BARS AT RAMP SEE DETAILS "R", "S", "T", & "U" AND NOTES ON TRAFFIC STANDARD SHEET TR-1210 07 "PAVEMENT MARKINGS FOR DIVIDED HIGHWAYS EXIT RAMP".
 7. FOR YIELD LINE INSTALLATIONS, ONLY FULL TRIANGLES ARE TO BE INSTALLED.
 8. MID-BLOCK CROSSWALKS ARE CROSSWALKS LOCATED MORE THAN 50 FEET FROM A SIGNALIZED OR UNSIGNALIZED INTERSECTION. YIELD LINES ASSOCIATED WITH MID-BLOCK CROSSWALKS SHALL BE INSTALLED AND SHOULD BE LOCATED 20 TO 50 FEET IN ADVANCE OF THE NEAREST CROSSWALK LINE OR AS DIRECTED BY THE ENGINEER.
 9. WHERE A YIELD LINE EXISTS ON AN APPROACH TO A CROSSWALK, THE APPROPRIATE "YIELD TO PEDESTRIANS" SIGN IS REQUIRED.
 10. FOR CROSSWALKS AT UNSIGNALIZED INTERSECTIONS WITH MINOR STREET STOP CONTROL, YIELD LINES SHALL BE INSTALLED ON MULTI-LANE APPROACHES, BUT NOT SINGLE LANE APPROACHES.
 11. THE YIELD SIGN SHOULD BE PLACED IN LINE WITH A YIELD LINE. HOWEVER, IF THE YIELD SIGN CANNOT BE LOCATED EXACTLY WHERE VEHICLES ARE EXPECTED TO YIELD, THE YIELD LINE SHOULD BE PLACED AT THE YIELDING POINT.

- CROSSWALKS**
 11. CROSSWALK MARKINGS SHALL BE WHITE.
 12. AT LOCATIONS WHERE THE CROSSWALK IS SKEWED, BARS TO BE PARALLEL TO ϕ AND ENDS OF BARS TO BE PARALLEL. THE LENGTH OF THE BARS WILL VARY DEPENDING ON THE ANGLE OF SKEW.
 13. BARS SHOULD BE NO CLOSER THAN 1' FROM EDGE OF ROAD.
 14. ONLY FULL LENGTH BARS ARE TO BE INSTALLED.
 15. DECORATIVE CROSSWALKS SHALL BE BANDED FROM CURB TO CURB WITH A MINIMUM 12" WIDE WHITE TRANSVERSE LINE ALONG EACH EDGE.
 16. 24" WIDE SPACE TO BE CENTERED ON YELLOW CENTERLINE.

- PAVEMENT MARKINGS FOR TURNING LANES**
 17. INSTALL AT LEAST TWO ARROWS PER LANE WHERE STORAGE LENGTH IS GREATER THAN 150 FEET.



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