

**BOROUGH OF NEWTOWN
NEWTOWN, CONNECTICUT**

Minutes of the meeting of the Borough Ad hoc Sidewalk Committee on **Monday, October 4, 2021**, in the Borough Office of the Edmond Town Hall. Warden Maher called the meeting to order at 7:01 p.m.

Present: Charles Zukowski, Bill Eder, Senior Burgess Chris Gardner, Lynne Farrah and Warden Jay Maher.

Absent: None

Also Present: 1 member of the public

Senior Burgess Gardner made a motion to accept the January 5, 2021 regular meeting minutes, seconded by Bill Eder. Motion passed.

Chairperson's Report:

Members of the committee reviewed the drawings of Sugar Street's 1400 linear of sidewalk project. The current layout does not require the movement of existing utility poles although Mr. Zukowski suggested that we should reach out to Eversource and other companies to learn if there is a plan to replace these poles in the future. This may help with the final layout. It was discussed that the proposed project is estimated at \$180,000.00, and from a financial position, it may need to be broken into two parts. It was decided that the next step was to forward the drawings to the Newtown Land Use for their input. If well received, it will then be submitted to Connecticut's DOT for its first review.

Conversation moved to three other projects consider most valuable in the Borough.

- 1, The section of sidewalk on the east side of Queen St. from the Middle School to Grand Place. Warden Maher to investigate if there is available funding for such a project through the "safeway to school" grant.
2. The "Currituck Connector" that provides walkways from the Monument to Summit Lane. Discussion included addressing grade elevations and the securing a certificate of appropriateness from the Historic District.
3. The intersection of Church Hill Rd and Queen St. and the installation of proper handicap ramps and crosswalks. Warden Maher has been in contact with the engineering company of Benesch to provide a quote for the design work necessary for this project. Senior Burgess Gardner stated from a safety perspective, this piece of work should be considered priority number one in the Borough.

There being no further business, Senior Burgess Gardner made a motion to adjourn the meeting at 7:58 p.m., seconded by Lynne Farrah and unanimously approved.

Preliminary Design Statement

Project No. 70681.00

Borough of Newtown Pedestrian Improvements

Sugar Street

**PREPARED FOR
Borough of Newtown**

June 4, 2021



PRELIMINARY DESIGN STATEMENT
PROJECT NO. 70681.00
Borough of Newtown PEDESTRIAN IMPROVEMENTS
ROUTE 302 (SUGAR STREET)
TOWN OF NEWTOWN, CT

PROJECT LOCATION:

The project is located in the Borough of Newtown on Route 302 (Sugar Street). It consists of sidewalk installation, pedestrian ramp improvement for a total project length of approximately 1400 feet.

DESCRIPTION:

Route 302 (Sugar Street) is a state route in the Borough of Newtown. This section of Route 302 (Sugar Street) provides access to an expansive residential area, majority consisting of single-family houses to the west and east of Sugar Street, providing access to the newly constructed South Main Street (Route 25) pedestrian improvements.

The proposed improvements consist of the construction of approximately 1400 feet of sidewalk along the north side of Route 302 (Sugar Street).

HIGHWAY CLASSIFICATION:

Route 302 (Sugar Street) – Urban Minor Arterial

2011 ADT:

Route 302 (Sugar Street) – XXXXX (XXXX)

DESIGN SPEED:Route 302 - 35 mph (85th Percentile Speeds – XX mph NB, XX mph SB)**DESIGN STANDARDS:** "Connecticut Department of Transportation's Highway Design Manual 2003" Edition, including revisions to January 2012. Criteria selected: 3R- Non-Freeway Projects.**ROUTE 302 (SUGAR STREET)****DESIGN ELEMENTS:**

	Design Standards	Existing Conditions	Proposed for Project
Design Speed	35 mph	35 mph	NO CHANGE
Control of Access	By Regulation	By Regulation	By Regulation
Lane Width –	11'-12'	12'	No change
Shoulder Width – Minimum	4'-8'	4' min.	No change
Maximum Grade (percent)	9%	N/A	No change
Minimum Stopping Sight Distance	360'	N/A	No change
Maximum Superelevation allowed	4.00%	N/A	No change
Minimum Radius (e=4%)	490'	N/A	No change
Clear Zone	20-24'	N/A	No Change

EXCEPTIONS TO DESIGN STANDARDS:

The construction of the sidewalk along Route 302 (Sugar Street) meets all the design criteria.

RIGHTS OF WAY:

One property is anticipated to have right of way (ROW) impacts consisting of 1 permanent easement in favor of the Town of Newtown, along with numerous Slope Easements and Rights to Install Sedimentation Control.

UTILITIES:

No utility relocation will be required for overhead utilities.

MAINTENANCE AND PROTECTION OF TRAFFIC:

It is anticipated that alternating one way traffic along existing pavement will be required during construction activities.

PAVEMENT COMPOSITION:

There is no pavement portion for this project aside from miscellaneous patching.

ENVIRONMENTAL CONSIDERATIONS:

The project anticipates the need for a local wetland permit for work within the upland review area.

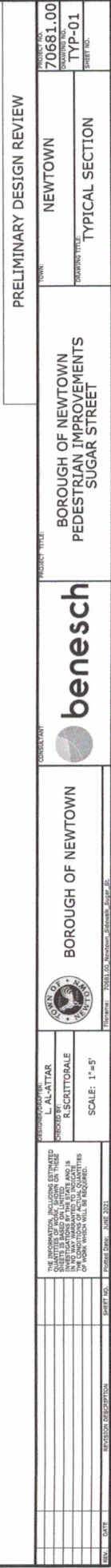
The following permits will be required:

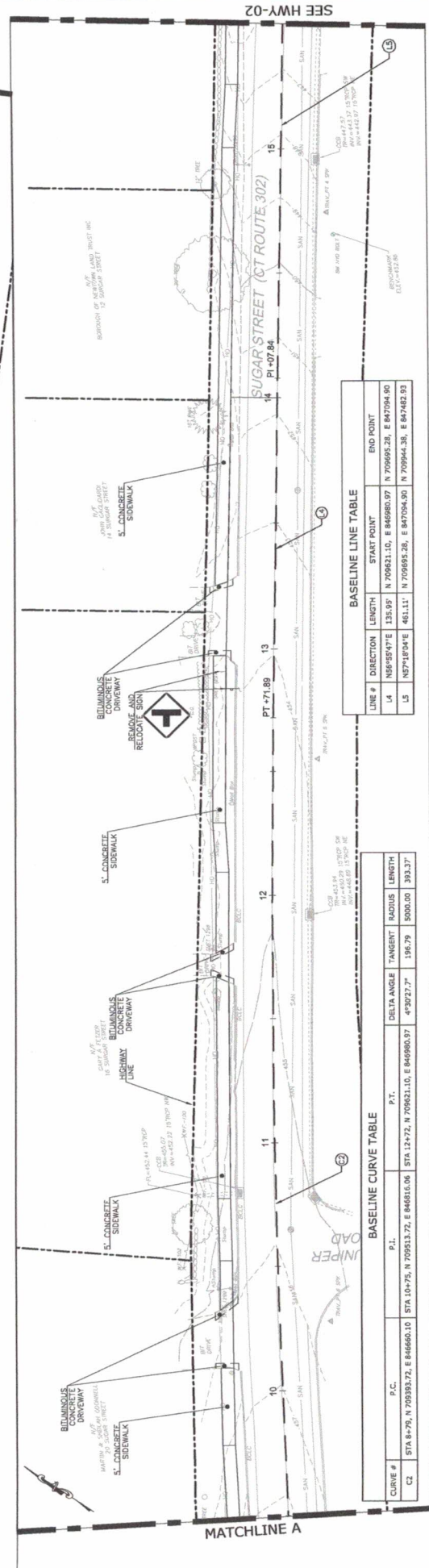
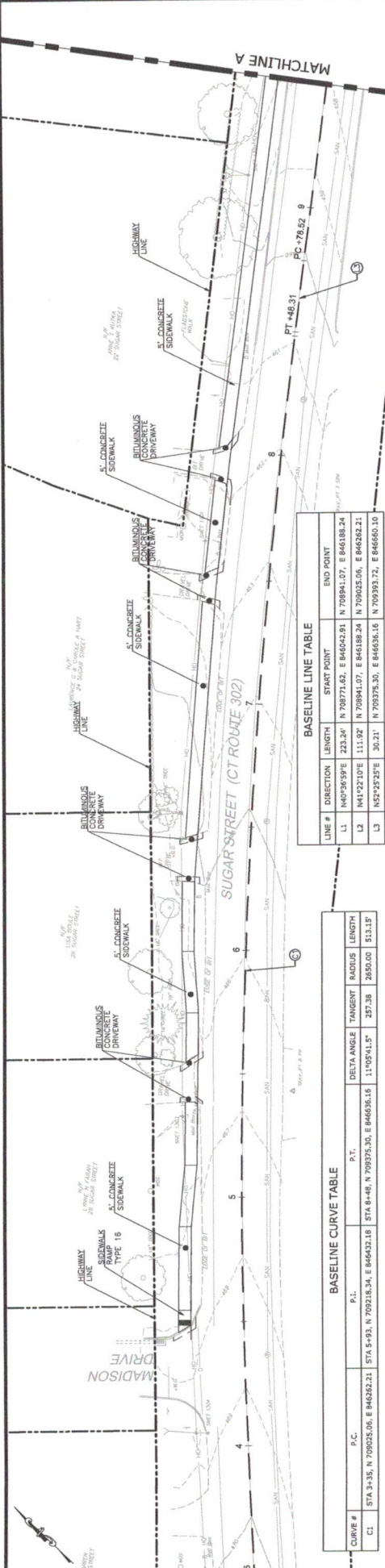
Inland Wetland

ESTIMATED PROJECT COST:

	<u>Current Estimate</u>
Highways	\$ 117,690.00
ROW	\$ TBD
Utilities	\$ TBD
Incidentals to Construction (5%)	\$ 8,000.00
Contingencies (15%)	\$ 22,000.00
Total cost (plus 1 year of escalation at 4%)	\$ 180,000.00

[illegible][illegible]





BASELINE LINE TABLE

LINE #	DIRECTION	LENGTH	START POINT	END POINT
L1	N40°26'39"E	233.24'	N 708771.62, E 846042.91	N 708841.07, E 846188.24
L2	N41°22'10"E	111.92'	N 708841.07, E 846188.24	N 709035.06, E 846262.31
L3	N52°25'25"E	30.21'	N 709035.06, E 846262.31	N 709393.72, E 846660.10

BASELINE CURVE TABLE

CURVE #	P.C.	P.T.	DELTA ANGLE	TANGENT	RADIUS	LENGTH
C1	STA 8+35, N 709025.06, E 846262.21	STA 8+92, N 709375.30, E 846636.16	11°09'54.1"	257.38	2650.00	513.13'

BASELINE LINE TABLE

LINE #	DIRECTION	LENGTH	START POINT	END POINT
L4	N58°55'47"E	135.97'	N 709621.10, E 846980.97	N 709695.28, E 847394.90
L5	N37°18'04"E	461.11'	N 709695.28, E 847394.90	N 709944.38, E 847482.93

BASELINE CURVE TABLE

CURVE #	P.C.	P.T.	DELTA ANGLE	TANGENT	RADIUS	LENGTH
C2	STA 8+79, N 709393.72, E 846660.10	STA 12+72, N 709621.10, E 846980.97	47°30'27.2"	196.79	8000.00	993.37'

- RIGHT TO GRADE ACQUIRED
- EASEMENT FOR HIGHWAY PURPOSES
- RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM ACQUIRED
- RIGHT TO REMOVE SIDEWALK REQUIRED
- SLOPE EASEMENT
- DEFINED EASEMENT TO INSTALL AND MAINTAIN TRAFFIC DEVICES AND APPURTENANCES

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF MATERIALS, SHOWN ON THESE PLANS IS BASED ON THE DATA AND SURVEY INFORMATION PROVIDED BY THE CLIENT. THE ENGINEER HAS NOT CONDUCTED A FIELD VERIFICATION OF THE DATA OR SURVEY INFORMATION. THE CLIENT IS RESPONSIBLE FOR THE ACCURACY OF THE DATA AND SURVEY INFORMATION. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN OF THE PROJECT AND DOES NOT INCLUDE THE ACCURACY OF THE DATA OR SURVEY INFORMATION.

NOTES

- CONTRACTOR TO MAINTAIN PRIVATE DRIVEWAYS ANY DAMAGE TO BE REPAIRED AT CONTRACTOR'S EXPENSE.
- ALL EXISTING CURBS AND SIDEWALKS TO BE RECONSTRUCTED TO MEET STATE REQUIREMENTS.
- STATE HIGHWAY DEPARTMENT SHOULD NOT BE REMOVED BUT RESET FLUSH IN SIDEWALK IF NECESSARY.

PROJECT NO. 70681.00 DRAWING NO. HWY-01 SHEET NO.	PROJECT TITLE NEWTOWN HIGHWAY PLAN	PROJECT TYPE BOROUGH OF NEWTOWN PEDESTRIAN IMPROVEMENTS SUGAR STREET		PROJECT NO. 70681.00
				PROJECT TITLE NEWTOWN HIGHWAY PLAN

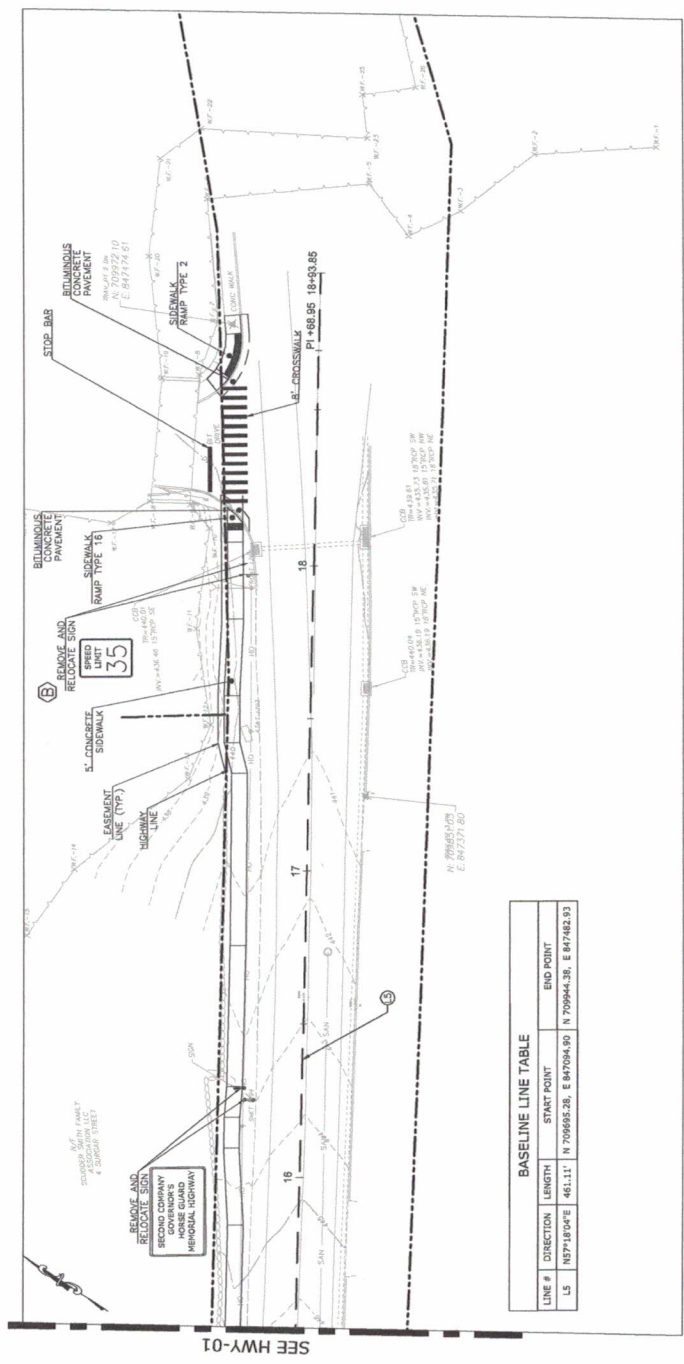
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- A RIGHT TO GRADE ACQUIRED
- B EASEMENT FOR HIGHWAY PURPOSES
- C RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM ACQUIRED
- D RIGHT TO REMOVE SIDEWALK REQUIRED
- E SLOPE EASEMENT
- F DEFINED EASEMENT TO INSTALL AND MAINTAIN TRAFFIC DEVICES AND APPURTENANCES

NOTES:
 1. CONTRACTOR TO MAINTAIN PRIVATE DRIVEWAYS ANY DAMAGE TO BE REPAIRED AT CONTRACTOR'S EXPENSE.
 2. ALL CURBS AND SIDEWALKS TO BE CONCRETE CROSS SECTIONS.
 3. STATE HIGHWAY MONUMENTS SHOULD NOT BE REMOVED BUT RESET FLUSH IN SIDEWALK IF NECESSARY.

PRELIMINARY DESIGN REVIEW

PROJECT NO. 70681.00		TOWN NEWTOWN	
DRAWING NO. HWY-02		DRAWING TITLE HIGHWAY PLAN	
SHEET NO.		SHEET NO.	
BUREAU OF NEWTOWN PEDESTRIAN IMPROVEMENTS SUGAR STREET		BUREAU OF NEWTOWN PEDESTRIAN IMPROVEMENTS SUGAR STREET	
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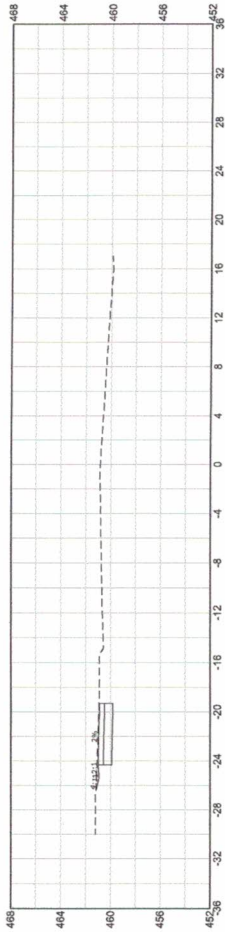
BASELINE LINE TABLE				
LINE #	DIRECTION	LENGTH	START POINT	END POINT
13	N 87°18'00" E	461.11'	N 70965.26, E 847064.90	N 70964.38, E 847482.93

DESIGNED BY
 L. AL-ATTAR
 CHECKED BY
 R. SCITTOREALE
 SCALE: 1"=20'

THE INFORMATION CONTAINED HEREIN IS FOR GENERAL INFORMATION ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF THE BUREAU OF NEWTOWN.

DATE: 06/25/2021
 PROJECT NO.: 70681.00
 SHEET NO.: 02

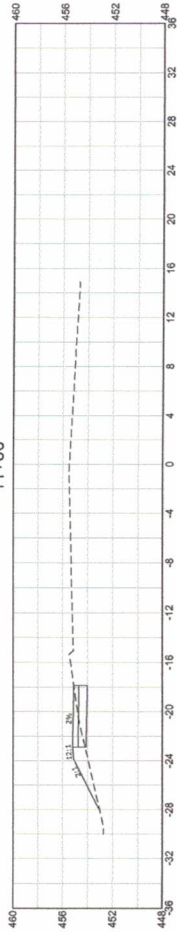
8+50



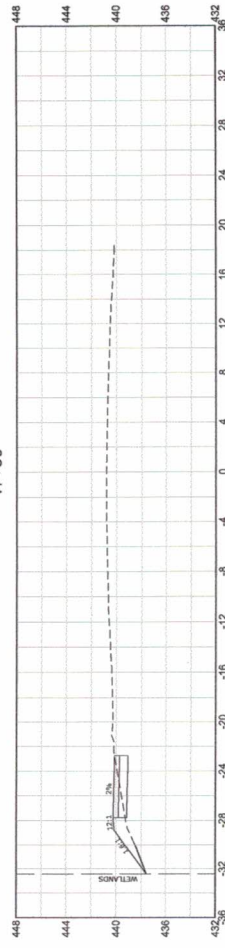
17+25



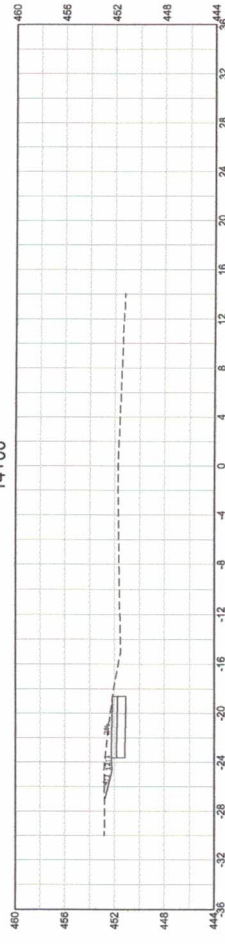
11+00



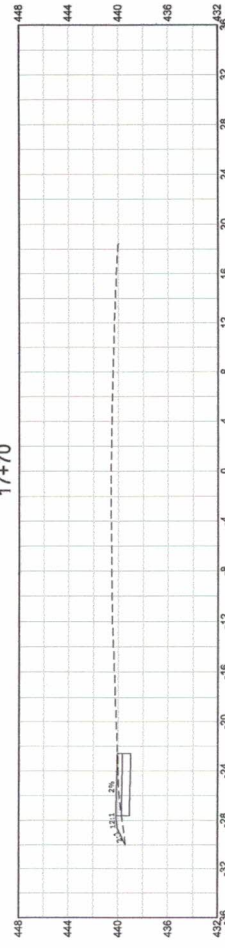
17+50



14+00



17+70



DESIGNED BY:
L. AL-ATTAR
CHECKED BY:
R. SCRITTORALE
SCALE: 1" = 5' V/H



BOROUGH OF NEWTOWN
PEDESTRIAN IMPROVEMENTS
SUGAR STREET

PROJECT NO.
70681.00
SHEET NO.
XSC-01

PROJECT TITLE
CRITICAL SECTIONS

PRELIMINARY DESIGN REVIEW

PROJECT NO.
70681.00
SHEET NO.
XSC-01

PROJECT TITLE
CRITICAL SECTIONS

PRELIMINARY DESIGN REVIEW