A-1-6: Community Grid Alternative – Preliminary Structure Study Plans
I-81 VIADUCT REPLACEMENT
PRELIMINARY STRUCTURE STUDY PLAN
COMMUNITY GRID ALTERNATIVE
CITY OF SYRACUSE
AUGUST, 2018

CONTRACT D031085
PIN 3501.60
ONONDAGA COUNTY

LOCATION MAP

BEGIN PROJECT (I-690)
LEAVENWORTH AVENUE

RECEI PROJECT (I-81/I-481)
NORTH INTERCHANGE

END PROJECT (I-690)
LODI STREET

BEGIN PROJECT (I-81/I-481)
SOUTH INTERCHANGE
BRIDGES INCLUDED IN PRELIMINARY STRUCTURE STUDY PLANS

LOCATION PLAN OF BRIDGES

LEGEND:
- BRIDGES INCLUDED IN PRELIMINARY STRUCTURE STUDY PLANS

PARSONS

PROJECT: DESIGN DESCRIPTION OF ALTERNATIVES

CONTRACT NUMBER

LOCATION: [LOCATION INFORMATION]

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTACT NUMBER

DRAWING NO.: CG2-1001

SHEET NO.: 3

Department of Transportation
DESCRIPTION OF ALTERATIONS:

AS-BUILT REVISIONS

ON:

ALTERED BY:

SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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# Community Grid Alternative

## List of Bridges

<table>
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## List of Rehab Bridges

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## Parsons Project Description

Project Description: Community Grid Alternative

List of Bridges

List of Rehab Bridges

Index Sheet

Department of Transportation
BRIDGE A

I-690 EB over Clinton St. to Townsend St.
DESCRIPTION OF ALTERATIONS:

AS-BUILT REVISIONS

1. All span lengths are measured from O of bearing to O of bearing along axis of span.
2. Location of abutments, piers and type of foundation are for illustrative purpose and subject to change.
3. Steel girders are shown for illustrative purpose and subject to change.
4. Concrete girders may be feasible.

NOTES:

1. All span lengths are measured from O of bearing to O of bearing along axis of span.
2. Location of abutments, piers and type of foundation are for illustrative purpose and subject to change.
3. Steel girders are shown for illustrative purpose and subject to change.
4. Concrete girders may be feasible.
5. All dimensions in ft unless otherwise noted.
6. Drawing No. COE-1101
7. Sheet No. 2 of 55
8. Requires an engineer or architect to sign.
9. Requires a licensed professional to sign.
10. Requires a licensed professional to sign.
11. Requires a licensed professional to sign.
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55. Requires a licensed professional to sign.
DESCRIPTION OF ALTERATIONS:

AS-BUILT REVISIONS

NOTES:
1. FOR NOTES 1 TO 3, SEE DWG. CG2-1101.

(SEE NOTE 2)
GIRDERS (TYP.)

(SEE NOTE 3)
PIER (TYP.)

TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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STATE ST

SHLDR
10'-0" LANE
12'-0" LANE
12'-0" LANE
12'-0" LANE
10'-0"

FASCIA (TYP.)
PROPOSED

BARRIER (TYP.)
SINGLE SLOPE

TO BE REMOVED
EXISTING BRIDGE

APPROACH SLAB 25' -0"

SPAN E17 88'
SPAN E16 91'

STA. H30 145+86 PIER E15
PIER E16

STA. H30 146+77

STA. H30 147+65 ABUTMENT

REMARKS:

NOTE:

1. FOR NOTES 1 TO 3, SEE DWG. CG2-1101.

(SEE NOTE 2)
GIRDERS (TYP.)

(SEE NOTE 3)
PIER (TYP.)

TYP.
TYP.
TYP.
TYP.

STATE ST

SHLDR
10'-0" LANE
12'-0" LANE
12'-0" LANE
12'-0" LANE
10'-0"

FASCIA (TYP.)
PROPOSED

BARRIER (TYP.)
SINGLE SLOPE

TO BE REMOVED
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APPROACH SLAB 25'-0"

SPAN E17 88'
SPAN E16 91'

STA. H30 145+86 PIER E15
PIER E16

STA. H30 146+77

STA. H30 147+65 ABUTMENT

REMARKS:

NOTE:

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(SEE NOTE 2)
GIRDERS (TYP.)

(SEE NOTE 3)
PIER (TYP.)

TYP.
TYP.
TYP.
TYP.

STATE ST

SHLDR
10'-0" LANE
12'-0" LANE
12'-0" LANE
12'-0" LANE
10'-0"

FASCIA (TYP.)
PROPOSED

BARRIER (TYP.)
SINGLE SLOPE

TO BE REMOVED
EXISTING BRIDGE

APPROACH SLAB 25'-0"

SPAN E17 88'
SPAN E16 91'

STA. H30 145+86 PIER E15
PIER E16

STA. H30 146+77

STA. H30 147+65 ABUTMENT

REMARKS:

NOTE:

1. FOR NOTES 1 TO 3, SEE DWG. CG2-1101.

(SEE NOTE 2)
GIRDERS (TYP.)

(SEE NOTE 3)
PIER (TYP.)

TYP.
TYP.
TYP.
TYP.

STATE ST

SHLDR
10'-0" LANE
12'-0" LANE
12'-0" LANE
12'-0" LANE
10'-0"

FASCIA (TYP.)
PROPOSED

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APPROACH SLAB 25'-0"

SPAN E17 88'
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STA. H30 145+86 PIER E15
PIER E16

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REMARKS:

NOTE:

1. FOR NOTES 1 TO 3, SEE DWG. CG2-1101.

(SEE NOTE 2)
GIRDERS (TYP.)

(SEE NOTE 3)
PIER (TYP.)

TYP.
TYP.
TYP.
TYP.

STATE ST

SHLDR
10'-0" LANE
12'-0" LANE
12'-0" LANE
12'-0" LANE
10'-0"

FASCIA (TYP.)
PROPOSED

BARRIER (TYP.)
SINGLE SLOPE

TO BE REMOVED
EXISTING BRIDGE

APPROACH SLAB 25'-0"

SPAN E17 88'
SPAN E16 91'

STA. H30 145+86 PIER E15
PIER E16

STA. H30 146+77

STA. H30 147+65 ABUTMENT

REMARKS:

NOTE:

1. FOR NOTES 1 TO 3, SEE DWG. CG2-1101.

(SEE NOTE 2)
GIRDERS (TYP.)

(SEE NOTE 3)
PIER (TYP.)

TYP.
TYP.
TYP.
TYP.

STATE ST

SHLDR
10'-0" LANE
12'-0" LANE
12'-0" LANE
12'-0" LANE
10'-0"

FASCIA (TYP.)
PROPOSED

BARRIER (TYP.)
SINGLE SLOPE

TO BE REMOVED
EXISTING BRIDGE

APPROACH SLAB 25'-0"

SPAN E17 88'
SPAN E16 91'

STA. H30 145+86 PIER E15
PIER E16

STA. H30 146+77

STA. H30 147+65 ABUTMENT

REMARKS:

NOTE:

1. FOR NOTES 1 TO 3, SEE DWG. CG2-1101.
BRIDGE B

I-690 WB over Salina St. to Willow St.
DESCRIPTION OF ALTERATIONS:

AS-BUILT REVISIONS

ON:

AFFIX SEAL:

FILE NAME =

USER =

DATE / TIME =

ALTERED BY:

SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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Bridge C-1
Butternut Street over I-81
Bridge I690WB-R3
I-690WB Ramp to I-81NB over Salina Street
Bridge I690EB-3A & I690WB-1A
I-690EB/WB over McBride Street
Bridge I690EB-4 & I690WB-1
I-690EB/WB over Catherine Street
Bridge I690EB-4A & I690WB-0A

I-690EB/WB over Irving Avenue
Bridge I690EB-5 & I690WB-0
I-690EB/WB over Crouse Avenue
Bridge I690EB-6 & I690WB-6
I-690EB/WB over Lodi Street
Bridge I690EB-1, WB-5

I690EB & WB over West Street
Bridge P-1 Evans St
Evans St over Onondaga Ck.
Bridge I690EB-R3, EB-1A, WB-5A & WB-R5
I690 Mainline and Ramps over Onondaga Ck.
Bridge I690EB-2, WB-4, WB-R4 & EB-R4
I690 Mainline and Ramps over Franklin St.
Bridge I81NB-R1

I581NB On-Ramp (from Pearl St.)
Bridge I690EB-3 & WB-2

I690 EB & WB over Townsend St.
Bridge RR

NYSW Railroad over Almond St.
Bridge N-1 I-81SB

I81SB over I581NB
Bridge N-2 I-81SB
I81SB over I481WB
Bridge N-4 I-81SB

I81SB over Thompson Rd.