## Appendix E

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**Existing Conditions of Structures on I-81 Within Study Limits**

**BIN: 1008489**

*Feature Carried & Feature Crossed: I-81 NB & SB over North Salina Street*

- **Inspection Date:** 7/7/2008
- **NYSDOT General Recommendation:** 5
- **NYSDOT Condition Rating:** 5.111
- **Projected Condition Rating @ ETC:** 4.788
- **FHWA Sufficiency Rating:** 86.6
- **FHWA Structurally Deficient:** Yes
- **FHWA Functionally Obsolete:** Yes
- **Year Constructed & Construction Contract Number:** 1958; FIC 56-11
- **Structure Type:** Continuous, rolled steel beams, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, Asphalt w.s.
- **Bridge Length:** 163 ft
- **Out-to-Out Width:** 90.1 ft
- **Clear Width:** 78 ft
- **Number and Length of Spans:** 2 spans; 78 ft each
- **Skew Angles:** 53° (All Substructures)
- **Utilities on Bridge:** Electric
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Medium, Structural Damage

**BIN: 1008530**

*Feature Carried & Feature Crossed: I-81 SB Ramp to Route 11 over Route 11*

- **Inspection Date:** 6/2/2008
- **NYSDOT General Recommendation:** 5
- **NYSDOT Condition Rating:** 4.906
- **Projected Condition Rating @ ETC:** 4.597
- **FHWA Sufficiency Rating:** 83.7
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes
- **Year Constructed & Construction Contract Number:** 1971; FIRC 69.105
- **Structure Type:** Simple spans, steel plate girders, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica overlay
- **Bridge Length:** 950 ft
- **Out-to-Out Width:** 28 ft
- **Clear Width:** 25 ft
- **Number and Length of Spans:** 8 spans; 120 ft (Spans 1 to 6), 100 ft (span 7), 131 ft (span 8)
- **Skew Angles:** 0° (Begin Abutment, Piers 1 to 6, Pier 8), 49° (Pier 7), 48° (End Abutment)
- **Utilities on Bridge:** None
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Partial Collapse

* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

**BIN: 1031501**

*Feature Carried & Feature Crossed: I-81 SB over Route 173*

*Inspection Date: 4/24/2009*

NYSDOT General Recommendation: 6  
NYSDOT Condition Rating: 5.641

Projected Condition Rating @ ETC: 5.118  
@ETC + 30 (2050): 4.296

FHWA Sufficiency Rating: 90.1

FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes

Year Constructed & Construction Contract Number: 1965; Contract FIC 64-7

Structure Type: Continuous, rolled steel beams, composite

Deck & Wearing Surface Types: Concrete with uncoated bars, latex modified concrete w.s.

Bridge Length: 274 ft  
Out-to-Out Width: 50.5 ft  
Clear Width**: 47.5 ft

Number and Length of Spans: 4 spans; 63 ft, 63 ft, 89 ft and 51 ft

Skew Angles: 47° (All Substructures)

Utilities on Bridge: None

Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A

Steel BSA Classification (Likelihood of Failure, Type): Low, Partial Collapse to Catastrophic Failure

**BIN: 1031502**

*Feature Carried & Feature Crossed: I-81 NB over Route 173*

*Inspection Date: 11/18/2009*

NYSDOT General Recommendation: 7  
NYSDOT Condition Rating: 6.926

Projected Condition Rating @ ETC: 6.140  
@ETC + 30 (2050): 4.464

FHWA Sufficiency Rating: 93.1

FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: No

Year Constructed & Construction Contract Number: 2006; Contract D259778

Structure Type: Simple spans, prestressed concrete box beams

Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.

Bridge Length: 171 ft  
Out-to-Out Width: 70.5 ft  
Clear Width**: 66.6 ft

Number and Length of Spans: 2 spans; 87 ft and 71 ft

Skew Angles: 31° (All Substructures)

Utilities on Bridge: None

Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A

Steel BSA Classification (Likelihood of Failure, Type): Low, Partial Collapse

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* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

**BIN: 1031510**

*Feature Carried & Feature Crossed: East Glen Avenue over I-81*

**Inspection Date:** 4/20/2009  
**NYSDOT General Recommendation:** 5  
**NYSDOT Condition Rating:** 4.986  
**Projected Condition Rating @ ETC:** 4.976  
**FHWA Sufficiency Rating:** 73.2  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes  
**Year Constructed & Construction Contract Number:** 1965; Contract FIC 64-7

**Structure Type:** Simple spans, rolled steel beams, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, integral w.s.  
**Bridge Length:** 158 ft  
**Out-to-Out Width:** 31.2 ft  
**Clear Width****: 22 ft  
**Number and Length of Spans:** 2 spans; 82 ft and 70 ft  
**Skew Angles:** 8° (All Substructures)  
**Utilities on Bridge:** Gas, water & electric  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Partial Collapse

**BIN: 1031529**

*Feature Carried & Feature Crossed: I-81 over East Calthrop Avenue*

**Inspection Date:** 10/16/2009  
**NYSDOT General Recommendation:** 5  
**NYSDOT Condition Rating:** 4.938  
**Projected Condition Rating @ ETC:** 4.582  
**FHWA Sufficiency Rating:** 91.4  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** No  
**Year Constructed & Construction Contract Number:** 1965; FIC 64-7

**Structure Type:** Simple spans, rolled steel beams, noncomposite (Spans 1 & 3); Simple span, welded steel plate girders, composite (Span 2)  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica overlay w.s.  
**Bridge Length:** 146 ft  
**Out-to-Out Width:** 97.8 ft  
**Clear Width****: 87 ft  
**Number and Length of Spans:** 3 spans; 34 ft, 65 ft and 42 ft  
**Skew Angles:** 9°, 9°, 8° and 8° (Begin Abutment, Piers 1 & 2, End Abutment)  
**Utilities on Bridge:** Electric  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

* Data Shown is Current as of May 31, 2010  
** Clear Width is the distance between curb, barrier or bridge rail faces.
### Existing Conditions of Structures on I-81 Within Study Limits *

**BIN: 1031539**  
*Feature Carried & Feature Crossed: I-81 over East Brighton Avenue*  
*NYSDOT General Recommendation: 5*  
*NYSDOT Condition Rating: 5.078*  
*Projected Condition Rating @ ETC: 4.850*  
*@ETC + 30 (2050): 3.776*  
*FHWA Sufficiency Rating: 84.2*  
*FHWA Structurally Deficient: No*  
*FHWA Functionally Obsolete: No*  
*Year Constructed & Construction Contract Number: 1965; Contract FIC 64-7*  
*Structure Type: Simple spans, rolled steel beams, composite*  
*Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.*  
*Bridge Length: 203 ft*  
*Out-to-Out Width: 109.8 ft*  
*Clear Width**: 100 ft  
*Number and Length of Spans: 3 spans; 51 ft, 90 ft and 57 ft*  
*Skew Angles: 43°, 43°, 42°, 0° and 41° (Begin Abutment, Piers 1 to 3, End Abutment)*  
*Utilities on Bridge: Electric*  
*Posted Weight Limit & Year: N/A*  
*Vertical Clearance Restrictions: N/A*  
*Steel BSA Classification (Likelihood of Failure, Type): Low, Partial Collapse*

**BIN: 1031549**  
*Feature Carried & Feature Crossed: I-81 over East Colvin Street*  
*NYSDOT General Recommendation: 5*  
*NYSDOT Condition Rating: 5.438*  
*Projected Condition Rating @ ETC: 5.037*  
*@ETC + 30 (2050): 4.180*  
*FHWA Sufficiency Rating: 84.8*  
*FHWA Structurally Deficient: No*  
*FHWA Functionally Obsolete: No*  
*Year Constructed & Construction Contract Number: 1965; FIC 64-7*  
*Structure Type: Simple span, rolled steel beams, composite*  
*Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.*  
*Bridge Length: 65 ft*  
*Out-to-Out Width: 110.5 ft*  
*Clear Width**: 106.9 ft  
*Number and Length of Spans: 1 span; 61 ft*  
*Skew Angles: 1° (Begin Abutments), 0° (End Abutment)*  
*Utilities on Bridge: Electric*  
*Posted Weight Limit & Year: N/A*  
*Vertical Clearance Restrictions: N/A*  
*Steel BSA Classification (Likelihood of Failure, Type): Low, Partial Collapse*  

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* Data Shown is Current as of May 31, 2010  
** Clear Width is the distance between curb, barrier or bridge rail faces.
**Existing Conditions of Structures on I-81 Within Study Limits**

**BIN: 1031559**

**Feature Carried & Feature Crossed: I-81 over East Castle Street**

_Inspection Date: 10/23/2009_

NYSDOT General Recommendation: 5  
NYSDOT Condition Rating: 4.891  
Projected Condition Rating @ ETC: 4.678  
FHWA Sufficiency Rating: 80.5  
FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes  
Year Constructed & Construction Contract Number: 1965; FIC 64-7  
Structure Type: Simple spans, rolled steel beams, composite  
Deck & Wearing Surface Types: Concrete with uncoated bars, high density concrete overlay  
Bridge Length: 158 ft  
Out-to-Out Width: 93 ft (varies)  
Clear Width**: 80 ft

Number and Length of Spans: 3 spans; 48 ft, 56 ft and 48 ft  
Skew Angles: 20°, 20°, 21° and 20° (Begin Abutment, Piers 1 & 2, End Abutment)  
Utilities on Bridge: Electric  
Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: 12 ft-11 in  
Steel BSA Classification (Likelihood of Failure, Type): Low, Partial Collapse

**BIN: 1031569**

**Feature Carried & Feature Crossed: I-81 over East Adams Street**

_Inspection Date: 10/20/2009_

NYSDOT General Recommendation: 4  
NYSDOT Condition Rating: 4.597  
Projected Condition Rating @ ETC: 4.528  
FHWA Sufficiency Rating: 64.8  
FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes  
Year Constructed & Construction Contract Number: 1966, FIC64-22 and 1966, FIC 65-28  
Structure Type: Simple spans, welded steel plate girders, composite  
Deck & Wearing Surface Types: Concrete with uncoated bars, high density concrete overlay  
Bridge Length: 4097 ft  
Out-to-Out Width: 89.8 ft  
Clear Width**: 56 ft

Number and Length of Spans: 36 spans; 87 ft (Span 1), 85 ft (Span 2), 100 ft (Span 3), 115 ft (Spans 4, 5), 118 ft (Spans 6 to 18), 120 ft (Spans 19 to 26, 33), 110 ft (Spans 27 to 32), and 109 ft (Spans 34- to 36)  
Skew Angles: 0° (All Substructures)  
Utilities on Bridge: Electric  
Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A  
Steel BSA Classification (Likelihood of Failure, Type): Medium, Catastrophic

* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

**BIN: 103156A**

*Feature Carried & Feature Crossed*: I-81 SB On-Ramp over Jackson Street  
*Inspection Date*: 12/9/2008  
*NYS DOT General Recommendation*: 6  
*NYS DOT Condition Rating*: 4.833  
*Projected Condition Rating @ ETC*: 4.524  
*FHWA Sufficiency Rating*: 91.8  
*FHWA Structurally Deficient*: No  
*FHWA Functionally Obsolete*: No  
*Year Constructed & Construction Contract Number*: 1966; Contract FIC64-22  
*Structure Type*: Simple spans, welded steel plate girders, composite (Spans 1 to 3); Reinforced concrete frame (Spans 4 to 10)  
*Deck & Wearing Surface Types*: Concrete with uncoated bars, high density concrete overlay  
*Bridge Length*: 654 ft  
*Out-to-Out Width*: 24.8 ft (varies)  
*Clear Width**: 19 ft (varies)  
*Number and Length of Spans*: 10 spans; 118 ft (Spans 1 to 3), 42 ft (Span 4), and 43 ft (Spans 5 to 10)  
*Skew Angles*: 40˚ (Begin Abutment), and 0˚ (Piers 1 to 9, End Abutment)  
*Utilities on Bridge*: Electric  
*Posted Weight Limit & Year*: N/A  
*Vertical Clearance Restrictions*: N/A  
*Steel BSA Classification (Likelihood of Failure, Type)*: Medium, Partial Collapse

**BIN: 103156B**

*Feature Carried & Feature Crossed*: I-81 NB Off-Ramp over Jackson Street  
*Inspection Date*: 12/9/2008  
*NYS DOT General Recommendation*: 6  
*NYS DOT Condition Rating*: 4.741  
*Projected Condition Rating @ ETC*: 4.397  
*FHWA Sufficiency Rating*: 82.8  
*FHWA Structurally Deficient*: No  
*FHWA Functionally Obsolete*: Yes  
*Year Constructed & Construction Contract Number*: 1966; Contract FIC 64-62  
*Structure Type*: Simple spans, welded steel plate girders, composite (Spans 1 to 3); Reinforced concrete frame (Spans 4 to 10)  
*Deck & Wearing Surface Types*: Concrete with uncoated bars, micro-silica overlay w.s.  
*Bridge Length*: 656 ft  
*Out-to-Out Width*: 29.4 ft (varies)  
*Clear Width**: 17 ft (varies)  
*Number and Length of Spans*: 10 spans; 116 ft (Spans 1 to 3), 42 ft (Span 4), and 43 ft (Spans 5 to 10)  
*Skew Angles*: 0˚ (All Substructures)  
*Utilities on Bridge*: N/A  
*Posted Weight Limit & Year*: N/A  
*Vertical Clearance Restrictions*: N/A  
*Steel BSA Classification (Likelihood of Failure, Type)*: Medium, Catastrophic

* Data Shown is Current as of May 31, 2010  
**Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits

BIN: 103156C
Feature Carried & Feature Crossed: I-81 NB On-Ramp over Relief

Inspection Date: 12/9/2008
NYSDOT General Recommendation: 6
Projected Condition Rating @ ETC: 4.784
FHWA Sufficiency Rating: 78

NYSDOT Condition Rating: 5.093
Projected Condition Rating @ ETC: 4.784 @ETC + 30 (2050): 3.585

FHWA Structurally Deficient: No
FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1966; Contract 64-22
Structure Type: Simple spans, welded steel plate girders, composite (Spans 1-2); Reinforced concrete frame (Spans 3-8)

Deck & Wearing Surface Types: Concrete with uncoated bars, high density concrete overlay
Bridge Length: 453 ft
Out-to-Out Width: 31.8 ft (varies)
Clear Width**: 26.3 ft

Number and Length of Spans: 8 spans; 110 ft (Spans 1, 2), 42 ft (Span 3), 41 ft (Spans 4, 5), and 37 ft (Spans 6 to 8)
Skew Angles: 40˚ (Begin Abutment), and 0˚ (Piers 1 to 7, End Abutment)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A
Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Medium, Catastrophic

BIN: 103156D
Feature Carried & Feature Crossed: I81 SB Off-Ramp over Route 92

Inspection Date: 12/9/2008
NYSDOT General Recommendation: 5
Projected Condition Rating @ ETC: 4.547
FHWA Sufficiency Rating: 86.0

NYSDOT Condition Rating: 4.852
Projected Condition Rating @ ETC: 4.547 @ETC + 30 (2050): 2.759

FHWA Structurally Deficient: No
FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1966; Contract 64-22
Structure Type: Simple spans, welded steel plate girders, composite (Spans 1 to 3); Reinforced concrete frame (Spans 4 to 8)

Deck & Wearing Surface Types: Concrete with uncoated bars, high density concrete overlay
Bridge Length: 530 ft
Out-to-Out Width: 29.8 ft (varies)
Clear Width**: 22.3 ft

Number and Length of Spans: 8 spans; 110 ft (Spans 1 to 3), 42 ft (Span 4), 41 ft (Spans 5, 6), and 37 ft (Spans 7,8)
Skew Angles: 40˚ (Begin Abutment), and 0˚ (Piers 1 to 7, End Abutment)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A
Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Medium, Catastrophic

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits

**BIN: 1031570**

*Feature Carried & Feature Crossed: Butternut Street over I-81 – Closed for Replacement*

*Inspection Date: Will be inspected upon completion of construction*

*NYSDOT General Recommendation: TBD  NYSDOT Condition Rating: TBD*

*Projected Condition Rating @ ETC: 5.883  @ETC + 30 (2050): 4.783*

*FHWA Sufficiency Rating: TBD*

*FHWA Structurally Deficient: No  FHWA Functionally Obsolete: No*

*Year Constructed & Construction Contract Number: 2010; Contract D260880*

*Structure Type: Continuous, steel plate girders, composite*

*Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral wearing surface*

*Bridge Length: 189 ft  Out-to-Out Width: 65.9 ft  Clear Width**: 52 ft*

*Number and Length of Spans: 2 spans; 91 ft each*

*Skew Angles: 52˚ (All Substructures)*

*Utilities on Bridge: Electric*

*Posted Weight Limit & Year: N/A  Vertical Clearance Restrictions: N/A*

*Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage*

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**BIN: 1031580**

*Feature Carried & Feature Crossed: Spencer Street over I-81*

*Inspection Date: 11/16/2009*

*NYSDOT General Recommendation: 7  NYSDOT Condition Rating: 7.000*

*Projected Condition Rating @ ETC: 5.984  @ETC + 30 (2050): 4.818*

*FHWA Sufficiency Rating: 79.5*

*FHWA Structurally Deficient: No  FHWA Functionally Obsolete: No*

*Year Constructed & Construction Contract Number: 2009; D260880*

*Structure Type: Continuous, steel plate girders, composite*

*Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral wearing surface*

*Bridge Length: 132 ft  Out-to-Out Width: 65.9 ft  Clear Width**: 52 ft*

*Number and Length of Spans: 2 spans; 64 ft and 62 ft*

*Skew Angles: 27˚ (All Substructures)*

*Utilities on Bridge: Water, Electric, Cable*

*Posted Weight Limit & Year: N/A  Vertical Clearance Restrictions: N/A*

*Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage*
BIN: 1031590

**Feature Carried & Feature Crossed:** Court Street over I-81

*Inspection Date:* 11/23/2009

- **NYSDOT General Recommendation:** 7
- **NYSDOT Condition Rating:** 7.000
- **Projected Condition Rating @ ETC:** 5.986
- **@ETC + 30 (2050):** 4.818
- **FHWA Sufficiency Rating:** 70.6
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** No
- **Year Constructed & Construction Contract Number:** 2009; D260880
- **Structure Type:** Continuous, steel plate girders, composite
- **Deck & Wearing Surface Types:** Concrete with epoxy coated bars, integral wearing surface
- **Bridge Length:** 196 ft
- **Out-to-Out Width:** 88.6 ft
- **Clear Width**: 47.6 ft
- **Number and Length of Spans:** 2 spans; 98 ft and 98 ft
- **Skew Angles:** 42° (All Substructures)
- **Utilities on Bridge:** Water
- ** Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

BIN: 1031600

**Feature Carried & Feature Crossed:** Route 298 over I-81

*Inspection Date:* 11/17/2009

- **NYSDOT General Recommendation:** 5
- **NYSDOT Condition Rating:** 5.265
- **Projected Condition Rating @ ETC:** 5.096
- **@ETC + 30 (2050):** 4.267
- **FHWA Sufficiency Rating:** 82.5
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes
- **Year Constructed & Construction Contract Number:** 1959; FIC 56-11
- **Structure Type:** Continuous, rolled steel beams, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, bonded concrete overlay
- **Bridge Length:** 113 ft
- **Out-to-Out Width:** 65.7 ft
- **Clear Width**: 52 ft
- **Number and Length of Spans:** 2 spans; 54 ft each
- **Skew Angles:** 0° (All Substructures)
- **Utilities on Bridge:** Gas, Water & Electric
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Medium, Structural Damage

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* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits

**BIN: 1031610**

**Feature Carried & Feature Crossed:** Hiawatha Boulevard over I-81  
**Inspection Date:** 10/15/2008  
**NYSDOT General Recommendation:** 6  
**NYSDOT Condition Rating:** 5.306  
**Projected Condition Rating @ ETC:** 4.929  
**FHWA Sufficiency Rating:** 92.8  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes  
**Year Constructed & Construction Contract Number:** 1987; Contract D250095  
**Structure Type:** Continuous, welded steel plate girders, composite  
**Deck & Wearing Surface Types:** Concrete with epoxy coated bars, high density concrete overlay  
**Bridge Length:** 428 ft  
**Out-to-Out Width:** 95.8 ft  
**Clear Width**: 80 ft  
**Number and Length of Spans:** 3 spans; 130 ft (Spans 1, 2), and 165 ft (Span 3)  
**Skew Angles:** 18˚ (All Substructures)  
**Utilities on Bridge:** N/A  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

**BIN: 1031620**

**Feature Carried & Feature Crossed:** From I-81/Hiawatha Boulevard over I-81  
**Inspection Date:** 5/13/2009  
**NYSDOT General Recommendation:** 6  
**NYSDOT Condition Rating:** 5.606  
**Projected Condition Rating @ ETC:** 5.274  
**FHWA Sufficiency Rating:** 95.7  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes  
**Year Constructed & Construction Contract Number:** 1987; Contract D250095  
**Structure Type:** Continuous, welded steel plate curved girders, composite (Spans 1 to 4); Simple span, welded steel plate girders, composite (Span 5)  
**Deck & Wearing Surface Types:** Concrete with epoxy coated bars, integral wearing surface  
**Bridge Length:** 718 ft  
**Out-to-Out Width:** 27.7 ft (varies)  
**Clear Width**: 24.4 ft (varies)  
**Number and Length of Spans:** 5 spans; 146 ft, 146 ft, 145 ft, 135 ft, and 141 ft  
**Skew Angles:** 0˚ (Both Abutments), 1˚ (Piers 1, 2, 4), and 40˚ (Pier 3)  
**Utilities on Bridge:** None  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

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* Data Shown is Current as of May 31, 2010  
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

BIN: 1031639
**Feature Carried & Feature Crossed:** I-81 to Route 370 over Carousel Center Drive

*NYSDOT General Recommendation:* 5  
*NYSDOT Condition Rating:* 5.016  
*Projected Condition Rating @ ETC:* 5.123  
*Projected Condition Rating @ ETC + 30 (2050):* 4.303  
*FHWA Sufficiency Rating:* 85.3  
*FHWA Structurally Deficient:* No  
*FHWA Functionally Obsolete:* Yes  
*Year Constructed & Construction Contract Number:* 1959; Contract FIC 57-11P  
*Structure Type:* Simple spans, welded steel plate girders, composite (Spans 1 to 3 and 5 to 9); Continuous, welded steel plate girders, composite (Span 4)  
*Deck & Wearing Surface Types:* Concrete with epoxy coated bars, integral w.s.  
*Bridge Length:* 671 ft  
*Out-to-Out Width:* 99.3 ft  
*Clear Width**: 91.7 ft  
*Number and Length of Spans:* 9 spans; 62 ft (Spans 1 to 3), 111 ft (Span 4), 54 ft (Span 5, 6), and 83 ft (Spans 7 to 9)  
*Skew Angles:* 0° (All Substructures)  
*Utilities on Bridge:* N/A  
*Posted Weight Limit & Year:* N/A  
*Vertical Clearance Restrictions:* N/A  
*Steel BSA Classification (Likelihood of Failure, Type):* Low, Structural Damage

BIN: 1031640
**Feature Carried & Feature Crossed:** Seventh North Street over I-81

*NYSDOT General Recommendation:* 5  
*NYSDOT Condition Rating:* 5.069  
*Projected Condition Rating @ ETC:* 4.930  
*Projected Condition Rating @ ETC + 30 (2050):* 3.974  
*FHWA Sufficiency Rating:* 84.3  
*FHWA Structurally Deficient:* No  
*FHWA Functionally Obsolete:* Yes  
*Year Constructed & Construction Contract Number:* 1986; Contract D250417  
*Structure Type:* Continuous, welded steel plate curved girders, composite  
*Deck & Wearing Surface Types:* Concrete with epoxy coated bars, integral w.s.  
*Bridge Length:* 203 ft  
*Out-to-Out Width:* 110.8 ft  
*Clear Width**: 104 ft  
*Number and Length of Spans:* 2 spans; 98 ft and 102 ft  
*Skew Angles:* 8°, 6°, 6°, and 4° (Begin Abutment, Piers 1 & 2, End Abutment)  
*Utilities on Bridge:* N/A  
*Posted Weight Limit & Year:* N/A  
*Vertical Clearance Restrictions:* N/A  
*Steel BSA Classification (Likelihood of Failure, Type):* Medium, Partial Collapse

* Data Shown is Current as of May 31, 2010  
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits

BIN: 1031659
Feature Carried & Feature Crossed: I-81 over Route 901X (I-90)
Inspection Date: 11/12/2008
NYSDOT General Recommendation: 5 NYSDOT Condition Rating: 4.423
Projected Condition Rating @ ETC: 3.862 @ETC + 30 (2050): 1.000
FHWA Sufficiency Rating: 77.8
FHWA Structurally Deficient: No FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1986; Contract D250417
Structure Type: Continuous, welded steel plate girders, composite
Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.
Bridge Length: 203 ft Out-to-Out Width: 131.8 ft Clear Width**: 128.6 ft
Number and Length of Spans: 2 spans; 100 ft each
Skew Angles: 11° (All Substructures)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

BIN: 1031660
Feature Carried & Feature Crossed: Ramp to I-81 NB & I-90 over I-81
Inspection Date: 9/15/2008
NYSDOT General Recommendation: 5 NYSDOT Condition Rating: 4.521
Projected Condition Rating @ ETC: 4.026 @ETC + 30 (2050): 1.000
FHWA Sufficiency Rating: 84.5
FHWA Structurally Deficient: No FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1986; Contract D250417
Structure Type: Continuous, welded steel plate girders, composite
Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.
Bridge Length: 203 ft Out-to-Out Width: 53.8 ft Clear Width**: 50.8 ft
Number and Length of Spans: 2 spans; 101 ft and 99 ft
Skew Angles: 0° (All Substructures)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
**Existing Conditions of Structures on I-81 Within Study Limits**

**BIN: 1031671**

*Feature Carried & Feature Crossed: I-81 over Route 11 – Currently under construction for bearing and pedestal repairs.*

*Inspection Date: 11/19/2008*

NYSDOT General Recommendation: 5  
NYSDOT Condition Rating: 3.794  
Projected Condition Rating @ ETC: 2.773  
Projected Condition Rating @ ETC + 30 (2050): 1.000  
FHWA Sufficiency Rating: 80.3  
FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes  
Year Constructed & Construction Contract Number: 1959; Contract FISH 57-08  
Structure Type: Continuous, rolled steel beams, composite (Spans 1-25); Simple span rolled steel beams, composite (Span 26)  
Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.  
Bridge Length: 1780 ft  
Out-to-Out Width: 57.9 ft  
Clear Width**: 54.5 ft  
Number and Length of Spans: 26 spans; 55 ft (Spans 20 to 22), 60 ft to 69 ft (Spans 1 to 5, 9 to 16, 24 to 26), 70 ft to 79 ft (Spans 7, 8, 17, 19), 80 ft (Span 18), 90 ft (Span 23), and 115 ft (Span 6)  
Skew Angles: 0˚ (Begin Abutment, Piers 1 to 3, Piers 8 to 16, End Abutment, 2˚ to 6˚ (Piers 19 to 22, Pier 25), 19˚ to 21˚ (Piers 17, 18, 23, 24), 32˚ (Piers 4, 7), and 52˚ (Piers 5, 6)  
Utilities on Bridge: N/A  
Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A  
Steel BSA Classification (Likelihood of Failure, Type): Low, Catastrophic

**BIN: 1031672**

*Feature Carried & Feature Crossed: I-81 over Route 11*

*Inspection Date: 11/19/2008*

NYSDOT General Recommendation: 6  
NYSDOT Condition Rating: 4.972  
Projected Condition Rating @ ETC: 4.677  
Projected Condition Rating @ ETC + 30 (2050): 3.230  
FHWA Sufficiency Rating: 91.7  
FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes  
Year Constructed & Construction Contract Number: 1989; Contract D250711  
Structure Type: Simple spans, welded steel plate girders, composite (Spans 1, 4, 8); Continuous, welded steel plate girders, composite (Spans 2, 3, 5 to 7); Continuous, welded steel plate curved girders, composite (Spans 9 to 11)  
Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.  
Bridge Length: 1780 ft  
Out-to-Out Width: 56.8 ft  
Clear Width**: 53.5 ft  
Number and Length of Spans: 11 spans; 98 ft (Span 1), 129 ft (Spans 5, 8), 141 ft (Spans 2, 4), 152 ft (Span 6, 7), 170 ft (Span 3), 201 ft (Spans 9, 11), and 260 ft (Span 10)  
Skew Angles: 0˚ (All Substructures)  
Utilities on Bridge: N/A  
Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A  
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

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* Data Shown is Current as of May 31, 2010  
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits

**BIN: 1031681**

**Feature Carried & Feature Crossed:** Airport Road (WB) over I-81

*Inspection Date:* 7/23/2009

- **NYSDOT General Recommendation:** 4
- **NYSDOT Condition Rating:** 4.500
- **Projected Condition Rating @ ETC:** 4.315
- **FHWA Sufficiency Rating:** 77.5
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes

*Year Constructed & Construction Contract Number:* 1963; Contract Unknown

- **Structure Type:** Simple spans, rolled steel girders, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, bonded concrete w.s. (Spans 1 to 5); Concrete with uncoated bars, latex modified concrete w.s. (Spans 6, 7)
- **Bridge Length:** 453 ft
- **Out-to-Out Width:** 35.6 ft (varies)
- **Clear Width:** 28 ft
- **Number and Length of Spans:** 7 spans; 46 ft (Spans 1, 6), 64 ft (Spans 2, 3), and 76 ft (Spans 4, 5, 7)
- **Skew Angles:** 17° (Abutments) and 16° (Piers)
- **Utilities on Bridge:** N/A
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

**BIN: 1031682**

**Feature Carried & Feature Crossed:** Airport Road (EB) over I-81

*Inspection Date:* 7/23/2009

- **NYSDOT General Recommendation:** 4
- **NYSDOT Condition Rating:** 4.500
- **Projected Condition Rating @ ETC:** 4.074
- **FHWA Sufficiency Rating:** 77.5
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes

*Year Constructed & Construction Contract Number:* 1963; Contract Unknown

- **Structure Type:** Simple spans, rolled steel girders, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, bonded concrete w.s. (Spans 1 to 5); Concrete with uncoated bars, latex modified concrete w.s. (Spans 6, 7)
- **Bridge Length:** 453 ft
- **Out-to-Out Width:** 35.6 ft (varies)
- **Clear Width:** 28 ft
- **Number and Length of Spans:** 7 spans; 46 ft (Spans 1, 6), 64 ft (Spans 2, 3), and 76 ft (Spans 4, 5, 7)
- **Skew Angles:** 17° (Abutments) and 16° (Piers)
- **Utilities on Bridge:** N/A
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

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* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

**BIN: 1031690**

*Feature Carried & Feature Crossed: Taft Road over I-81*

- **Inspection Date**: 5/28/2009
- **NYSDOT General Recommendation**: 4
- **NYSDOT Condition Rating**: 4.328
- **Projected Condition Rating @ ETC**: 3.773
- **@ETC + 30 (2050)**: 1.000
- **FHWA Sufficiency Rating**: 82.9
- **FHWA Structurally Deficient**: No
- **FHWA Functionally Obsolete**: Yes
- **Year Constructed & Construction Contract Number**: 1959; Contract FISH 57-6
- **Structure Type**: Continuous (one span plus anchor span), rolled steel beams, composite (Spans 1+2, 5+6); Simple spans, rolled steel beams, composite (Spans 3, 4)
- **Deck & Wearing Surface Types**: Concrete with uncoated bars, concrete overlay w.s. (Span 1), integral w.s. (Spans 2 to 4), asphalt w.s. (Spans 5, 6)
- **Bridge Length**: 323 ft
- **Out-to-Out Width**: 76 ft
- **Clear Width**: 64 ft
- **Number and Length of Spans**: 6 spans; 56 ft (Span 1), 14 ft (Spans 2, 5, anchor spans), 88 ft (Spans 3, 4), and 55 ft (Span 6)
- **Skew Angles**: 44˚ (All Substructures)
- **Utilities on Bridge**: N/A
- **Posted Weight Limit & Year**: N/A
- **Vertical Clearance Restrictions**: N/A
- **Steel BSA Classification (Likelihood of Failure, Type)**: Medium, Partial Collapse

**BIN: 1031701**

*Feature Carried & Feature Crossed: I-81 over CR 20 – Church Road*

- **Inspection Date**: 10/22/2009
- **NYSDOT General Recommendation**: 5
- **NYSDOT Condition Rating**: 5.031
- **Projected Condition Rating @ ETC**: 4.708
- **@ETC + 30 (2050)**: 3.335
- **FHWA Sufficiency Rating**: 86.1
- **FHWA Structurally Deficient**: No
- **FHWA Functionally Obsolete**: Yes
- **Year Constructed & Construction Contract Number**: 1959; Contract FISH 57-6
- **Structure Type**: Simple spans, rolled steel beams, composite
- **Deck & Wearing Surface Types**: Concrete with uncoated bars, latex modified concrete w.s.
- **Bridge Length**: 152 ft
- **Out-to-Out Width**: 47.3 ft
- **Clear Width**: 45.4 ft
- **Number and Length of Spans**: 3 spans; 50 ft, 51 ft, and 50 ft
- **Skew Angles**: 13˚ (All Substructures)
- **Utilities on Bridge**: N/A
- **Posted Weight Limit & Year**: N/A
- **Vertical Clearance Restrictions**: N/A
- **Steel BSA Classification (Likelihood of Failure, Type)**: Low, Partial Collapse

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* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

**BIN: 1031702**

**Feature Carried & Feature Crossed:** I-81 over CR 20 – Church Road  
*Inspection Date: 10/22/2009*  
NYSDOT General Recommendation: 5  
NYSDOT Condition Rating: 5.016  
Projected Condition Rating @ ETC: 4.506  
Projected Condition Rating @ ETC + 30 (2050): 2.607  
FHWA Sufficiency Rating: 86.1  
FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes  
Year Constructed & Construction Contract Number: 1959; Contract FISH 57-6  
Structure Type: Simple spans, rolled steel beams, composite  
Deck & Wearing Surface Types: Concrete with uncoated bars, latex modified concrete w.s.  
Bridge Length: 155 ft  
Out-to-Out Width: 47.3 ft  
Clear Width**: 45.4 ft  
Number and Length of Spans: 3 spans; 50 ft, 51 ft, and 50 ft  
Skew Angles: 8° (All Substructures)  
Utilities on Bridge: N/A  
Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A  
Steel BSA Classification (Likelihood of Failure, Type): Low, Partial Collapse  

**BIN: 1031711**

**Feature Carried & Feature Crossed:** I-481 SB over I-81  
*Inspection Date: 8/28/2008*  
NYSDOT General Recommendation: 5  
NYSDOT Condition Rating: 5.042  
Projected Condition Rating @ ETC: 4.736  
Projected Condition Rating @ ETC + 30 (2050): 3.430  
FHWA Sufficiency Rating: 91.2  
FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes  
Year Constructed & Construction Contract Number: 1986; Contract D250416  
Structure Type: Continuous, welded steel plate girders, composite  
Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.  
Bridge Length: 271 ft  
Out-to-Out Width: 50.5 ft  
Clear Width**: 47.5 ft  
Number and Length of Spans: 2 spans; 134 ft each  
Skew Angles: 31° (All Substructures)  
Utilities on Bridge: N/A  
Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A  
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage  

* Data Shown is Current as of May 31, 2010  
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits

**BIN: 1031712**

*Feature Carried & Feature Crossed: I-481 NB over I-81*

- **Inspection Date:** 8/28/2008
- **NYSDOT General Recommendation:** 6
- **NYSDOT Condition Rating:** 5.208
- **Projected Condition Rating @ ETC:** 4.862
  - @ETC + 30 (2050): 3.808
- **FHWA Sufficiency Rating:** 91.2
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes
- **Year Constructed & Construction Contract Number:** 1986; Contract D250416
- **Structure Type:** Continuous, welded steel plate girders, composite
- **Deck & Wearing Surface Types:** Concrete with epoxy coated bars, integral w.s.
- **Bridge Length:** 271 ft
- **Out-to-Out Width:** 50.5 ft
- **Clear Width**: 47.5 ft
- **Number and Length of Spans:** 2 spans; 134 ft each
- **Skew Angles:** 31˚ (All Substructures)
- **Utilities on Bridge:** N/A
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

**BIN: 1053840**

*Feature Carried & Feature Crossed: I-81 NB over Erie Boulevard*

- **Inspection Date:** 11/24/2008
- **NYSDOT General Recommendation:** 5
- **NYSDOT Condition Rating:** 4.472
- **Projected Condition Rating @ ETC:** 3.950
  - @ETC + 30 (2050): 1.000
- **FHWA Sufficiency Rating:** 67.3
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes
- **Year Constructed & Construction Contract Number:** 1968; Contract FIC 65-28
- **Structure Type:** Simple spans, welded steel plate girders, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, latex modified concrete w.s.
- **Bridge Length:** 1169 ft
- **Out-to-Out Width:** 45.8 ft (varies)
- **Clear Width**: 40 ft (varies)
- **Number and Length of Spans:** 13 spans; 104 ft, 100 ft, 101 ft, 103 ft, 99 ft, 93 ft, 105 ft, 100 ft, 88 ft, 46 ft, 98 ft, 48 ft, and 76 ft
- **Skew Angles:** 0˚, 5˚, 7˚, 11˚, 16˚, 16˚, 20˚, 22˚, 40˚, 49˚, 44˚, 40˚, 52˚, and 53˚ (Begin Abutment, Piers 1 to 12, End Abutment)
- **Utilities on Bridge:** N/A
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Catastrophic
Existing Conditions of Structures on I-81 Within Study Limits

BIN: 105384A
Feature Carried & Feature Crossed: I-81 NB Ramp to I-690 EB over Erie Boulevard
Inspection Date: 11/17/2008
NYSDOT General Recommendation: 5     NYSDOT Condition Rating: 4.931
Projected Condition Rating @ ETC: 4.636  @ETC + 30 (2050): 3.082
FHWA Sufficiency Rating: 90.1
FHWA Structurally Deficient: No     FHWA Functionally Obsolete: No
Year Constructed & Construction Contract Number: 1968; Contract FIC 65-28
Structure Type: Simple spans, welded steel plate girders, composite (Spans 1 to 6); Simple spans, rolled steel beams, composite (Spans 7 & 8)
Deck & Wearing Surface Types: Concrete with uncoated bars, high density concrete w.s.
Bridge Length: 727 ft    Out-to-Out Width: 35.8 ft    Clear Width**: 30 ft
Number and Length of Spans: 8 spans; 92 ft, 80 ft, 125 ft, 124 ft, 63 ft, 87 ft, 70 ft, and 82 ft
Skew Angles: 0˚, 4˚, 16˚, 24˚, 38˚, 42˚, 33˚, 20˚, 66˚ (Begin Abutment, Piers 1 to 7, End Abutment)
Utilities on Bridge: Electric
Posted Weight Limit & Year: N/A     Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Medium, Structural Damage

BIN: 1053860
Feature Carried & Feature Crossed: I-81 SB over North Townsend Street
Inspection Date: 11/25/2008
NYSDOT General Recommendation: 6     NYSDOT Condition Rating: 4.875
Projected Condition Rating @ ETC: 4.574  @ETC + 30 (2050): 2.857
FHWA Sufficiency Rating: 64.9
FHWA Structurally Deficient: No     FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1968, Contract FIC 65-28
Structure Type: Simple spans, welded steel plate girders, composite (Spans 1 to 8 and 10-15); Simple span, rolled steel beams, composite (Span 9)
Deck & Wearing Surface Types: Concrete with uncoated bars, latex modified concrete w.s.
Bridge Length: 1425 ft    Out-to-Out Width: 31.8 ft (varies)    Clear Width**: 26 ft (varies)
Number and Length of Spans: 15 spans; 108 ft, 104 ft, 106 ft, 109 ft, 109 ft, 91 ft, 76 ft, 112 ft, 40 ft, 92 ft, 92 ft, 95 ft, 100 ft, 79 ft, and 73 ft
Skew Angles: 0˚, 13˚, 18˚, 22˚, 27˚, 32˚, 2˚, 54˚, 50˚, 45˚, 43˚, 44˚, 50˚, 58˚, 15˚, 0˚, and 67˚ (Begin Abutment, Piers 1 to 14, End Abutment)
Utilities on Bridge: Electric
Posted Weight Limit & Year: N/A     Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Catastrophic

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
**Existing Conditions of Structures on I-81 Within Study Limits**

**BIN: 1053870**

*Feature Carried & Feature Crossed:* I-81 NB to I-690 over North Townsend Street

*Inspection Date:* 4/10/2009

**NYSDOT General Recommendation:** 5  
**NYSDOT Condition Rating:** 5.406

**Projected Condition Rating @ ETC:** 5.006  
**@ETC + 30 (2050):** 4.126

**FHWA Sufficiency Rating:** 84.7

**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** No

**Year Constructed & Construction Contract Number:** 1968, Contract FIC 65-28

**Structure Type:** Simple span, rolled steel beams, composite

**Deck & Wearing Surface Types:** Concrete with uncoated bars, high density concrete w.s.

**Bridge Length:** 74 ft  
**Out-to-Out Width:** 56 ft (varies)  
**Clear Width**: 51 ft (varies)

**Number and Length of Spans:** 1 span; 70 ft

**Skew Angles:** 16˚ (Both Abutments)

**Utilities on Bridge:** Electric

**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A

**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

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**BIN: 1053881**

*Feature Carried & Feature Crossed:* I-81 SB over North State Street

*Inspection Date:* 11/9/2009

**NYSDOT General Recommendation:** 5  
**NYSDOT Condition Rating:** 5.222

**Projected Condition Rating @ ETC:** 4.951  
**@ETC + 30 (2050):** 4.020

**FHWA Sufficiency Rating:** 73.8

**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes

**Year Constructed & Construction Contract Number:** 1968, Contract FIC 65-28

**Structure Type:** Simple spans, welded steel plate girders, composite (Spans 1 to 8); Simple spans, rolled steel beams, composite (Spans 9 & 10)

**Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica overlay w.s. (Spans 1 to 3); Concrete with uncoated bars, high density concrete w.s. (Spans 4 to 10)

**Bridge Length:** 985 ft  
**Out-to-Out Width:** 33.8 ft (varies)  
**Clear Width**: 29 ft

**Number and Length of Spans:** 10 spans; 114 ft, 107 ft, 106 ft, 106 ft, 92 ft, 101 ft, 97 ft, 95 ft, 81 ft, and 67 ft

**Skew Angles:** 40˚, 38˚, 22˚, 4˚, 20˚, 30˚, 24˚, 14˚, 10˚, 6˚, and 0˚ (Begin Abut., Piers 1 to 9, End Abut.)

**Utilities on Bridge:** Electric

**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A

**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage
**Existing Conditions of Structures on I-81 Within Study Limits** *

**BIN: 1053882**  
**Feature Carried & Feature Crossed:** I-81 NB over North State Street  
**Inspection Date:** 9/10/2009  
**NYSDOT General Recommendation:** 6  
**NYSDOT Condition Rating:** 5.250  
**Projected Condition Rating @ ETC:** 5.015  
**@ETC + 30 (2050):** 4.141  
**FHWA Sufficiency Rating:** 71.7  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes  
**Year Constructed & Construction Contract Number:** 1968, Contract FIC 65-28  
**Structure Type:** Simple spans, welded steel plate girders, composite (Spans 1 to 8); Simple spans, rolled steel beams, composite (Spans 9 & 10)  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, high density concrete w.s.  
**Bridge Length:** 937 ft  
**Out-to-Out Width:** 33.8 ft  
**Clear Width**: 28 ft (varies)  
**Number and Length of Spans:** 10 spans; 112 ft, 95 ft, 92 ft, 92 ft, 85 ft, 101 ft, 98 ft, 94 ft, 84 ft, and 66 ft  
**Skew Angles:** 38˚, 10˚, 23˚, 3˚, 21˚, 30˚, 25˚, 20˚, 15˚, 10˚, 0˚ (Begin Abut., Piers 1 to 9, End Abut.)  
**Utilities on Bridge:** Electric  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

**BIN: 105388A**  
**Feature Carried & Feature Crossed:** I-81 Ramp to I-690 EB over James Street  
**Inspection Date:** 11/9/2009  
**NYSDOT General Recommendation:** 5  
**NYSDOT Condition Rating:** 4.741  
**Projected Condition Rating @ ETC:** 4.877  
**@ETC + 30 (2050):** 3.848  
**FHWA Sufficiency Rating:** 97.1  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** No  
**Year Constructed & Construction Contract Number:** 1968, Contract FIC 65-28  
**Structure Type:** Simple spans, welded steel plate girders, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica w.s.  
**Bridge Length:** 306 ft  
**Out-to-Out Width:** 25.8 ft  
**Clear Width**: 22 ft  
**Number and Length of Spans:** 3 spans; 94 ft, 95 ft, and 114 ft  
**Skew Angles:** 0˚ (Both Abutments), 18˚, 22˚, and 8˚ (Piers 1 to 3)  
**Utilities on Bridge:** Electric  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

* Data Shown is Current as of May 31, 2010  
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

**BIN: 1064590**

**Feature Carried & Feature Crossed:** I-81 over East Fayette Street

*Inspection Date:* 11/6/2008

- **NYSDOT General Recommendation:** 5
- **NYSDOT Condition Rating:** 5.083
- **Projected Condition Rating @ ETC:** 4.774
- **FHWA Sufficiency Rating:** 71.4
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes

- **Structure Type:** Simple spans, welded steel plate girders, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, high density concrete w.s.
- **Bridge Length:** 1723 ft
- **Out-to-Out Width:** 35.8 ft (varies)
- **Clear Width**: 30 ft (varies)
- **Number and Length of Spans:** 17 spans; 106 ft, 103 ft, 105 ft, 106 ft, 101 ft, 92 ft, 90 ft, 79 ft, 121 ft, 120 ft, 93 ft, 95 ft, 67 ft, 121 ft, 104 ft, 99 ft, and 103 ft
- **Skew Angles:** 0˚ (Begin Abutment, Piers 7 to 12, Piers 14 to 15, End Abutment), 12˚, 16˚, 19˚, 19˚, 18˚, 13˚, and 20˚ (Piers 1 to 6, Pier 13)
- **Utilities on Bridge:** Electric
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Catastrophic

**BIN: 1069090**

**Feature Carried & Feature Crossed:** I-481 WB to I-81 SB over I-81

*Inspection Date:* 9/3/2009

- **NYSDOT General Recommendation:** 6
- **NYSDOT Condition Rating:** 5.167
- **Projected Condition Rating @ ETC:** 4.906
- **FHWA Sufficiency Rating:** 93.8
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes

- **Year Constructed & Construction Contract Number:** 1968; Contract FIC 65-28
- **Structure Type:** Continuous, welded steel plate curved girders, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, integral w.s.
- **Bridge Length:** 785 ft
- **Out-to-Out Width:** 32 ft
- **Clear Width**: 29 ft
- **Number and Length of Spans:** 5 spans; 143 ft, 205 ft, 144 ft, 144 ft, and 143 ft
- **Skew Angles:** 0˚ (All Substructures)
- **Utilities on Bridge:** N/A
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

**BIN: 1069100**
*Feature Carried & Feature Crossed: I-81 SB to I-481 EB over I-81 NB*

**Inspection Date:** 6/4/2008  
NYSDOT General Recommendation: 6  
NYSDOT Condition Rating: 4.972  
Projected Condition Rating @ ETC: 4.666  
@ETC + 30 (2050): 3.190  
FHWA Sufficiency Rating: 93.8  
FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes  
Structure Type: Simple spans, welded steel plate curved girders, composite  
Deck & Wearing Surface Types: Concrete with uncoated bars, integral w.s.  
Bridge Length: 331 ft  
Out-to-Out Width: 44 ft  
Clear Width**: 41 ft  
Number and Length of Spans: 3 spans; 109 ft, 109 ft, and 107 ft  
Skew Angles: 0˚ (All Substructures)  
Utilities on Bridge: N/A  
Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A  
Steel BSA Classification (Likelihood of Failure, Type): Low, Catastrophic

**BIN: 1071341**
*Feature Carried & Feature Crossed: I-81 SB over Park St., Bear Trap Cr. and CSX Railroad*

**Inspection Date:** 11/25/2008  
NYSDOT General Recommendation: 6  
NYSDOT Condition Rating: 5.451  
Projected Condition Rating @ ETC: 5.020  
@ETC + 30 (2050): 4.151  
FHWA Sufficiency Rating: 91.7  
FHWA Structurally Deficient: No  
FHWA Functionally Obsolete: Yes  
Structure Type: Continuous, welded steel plate girders, composite  
Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.  
Bridge Length: 1928 ft  
Out-to-Out Width: 57.3 ft  
Clear Width**: 54 ft  
Number and Length of Spans: 12 spans; 165 ft, 280 ft, 165 ft, 180 ft, 250 ft, 180 ft, 115 ft, 170 ft, 115 ft, 90 ft, 115 ft, and 90 ft  
Skew Angles: 0˚ (All Substructures)  
Utilities on Bridge: N/A  
Posted Weight Limit & Year: N/A  
Vertical Clearance Restrictions: N/A  
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

* Data Shown is Current as of May 31, 2010  
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits

BIN: 1071342
Feature Carried & Feature Crossed: I-81 NB over Park St., Bear Trap Cr. and CSX Railroad
Inspection Date: 12/1/2008
NYSDOT General Recommendation: 6 NYSDOT Condition Rating: 5.521
Projected Condition Rating @ ETC: 5.062 @ETC + 30 (2050): 4.218
FHWA Sufficiency Rating: 74.4
FHWA Structurally Deficient: No FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1984; Contract D96872
Structure Type: Simple spans, welded steel plate girders, composite (Spans 1 & 2); Continuous, welded steel plate girders, composite (Spans 3 to 11)
Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.
Bridge Length: 2176 ft Out-to-Out Width: 57.4 ft (varies) Clear Width**: 54.3 ft (varies)
Number and Length of Spans: 11 spans; 120 ft, 110 ft, 330 ft, 330 ft, 317 ft, 317 ft, 125 ft, 175 ft, 125 ft, 105 ft, and 105 ft
Skew Angles: 0° (All Substructures)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

BIN: 107134A
Feature Carried & Feature Crossed: Ramp V from Hiawatha Boulevard over Ramp B
Inspection Date: 8/26/2008
NYSDOT General Recommendation: 6 NYSDOT Condition Rating: 5.817
Projected Condition Rating @ ETC: 5.222 @ETC + 30 (2050): 4.414
FHWA Sufficiency Rating: 98.5
FHWA Structurally Deficient: No FHWA Functionally Obsolete: No
Year Constructed & Construction Contract Number: 1987; Contract D250095
Structure Type: Simple spans, welded steel plate girders, composite (Spans 1 & 2); Continuous, welded steel plate curved girders, composite (Spans 3 & 4); Simple span, welded steel plate curved girders, composite (Span 5)
Deck & Wearing Surface Types: Concrete with epoxy coated bars, integral w.s.
Bridge Length: 541 ft Out-to-Out Width: 37.7 ft (varies) Clear Width**: 25 ft (varies)
Number and Length of Spans: 5 spans; 107 ft, 88 ft, 138 ft, 138 ft, and 60 ft
Skew Angles: 40° (Begin Abutment), 0° (Piers 1 to 4, End Abutment)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Partial Collapse

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-81 Within Study Limits *

BIN: 1095510
Feature Carried & Feature Crossed: I-690 WB over I-81
Inspection Date: 10/14/2008
NYSDOT General Recommendation: 6        NYSDOT Condition Rating: 5.014
Projected Condition Rating @ ETC: 4.714        @ETC + 30 (2050): 3.357
FHWA Sufficiency Rating: 71.6
FHWA Structurally Deficient: No        FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1968; Contract FIC 65-28
Structure Type: Simple spans, welded steel plate girders, composite
Deck & Wearing Surface Types: Concrete with epoxy coated bars, micro-silica overlay w.s.
Bridge Length: 198 ft        Out-to-Out Width: 33.8 ft        Clear Width**: 30 ft
Number and Length of Spans: 2 spans; 86 ft and 101 ft
Skew Angles: 60° (Begin & End Abutsments), 65° (Pier)
Utilities on Bridge: Electric
Posted Weight Limit & Year: N/A        Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Medium, Structural Damage

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
# Existing Conditions of Structures on I-690 Within Study Limits

**BIN: 1050779**  
**Feature Carried & Feature Crossed:** I-690 over Leavenworth Ave.  
**Inspection Date:** 4/8/2008  
**NYSDOT General Recommendation:** 5  
**NYSDOT Condition Rating:** 4.875  
**Projected Condition Rating @ ETC:** 4.556  
**FHWA Sufficiency Rating:** 81.2  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** No  
**Year Constructed & Construction Contract Number:** 1968; Contract FIC 66-05  
**Structure Type:** Simple span, rolled steel beams, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, high density concrete w.s.  
**Bridge Length:** 67 ft  
**Out-to-Out Width:** 121.8 ft  
**Clear Width**: 116 ft  
**Number and Length of Spans:** 1 span; 64 ft  
**Skew Angles:** 8° (Both Abutments)  
**Utilities on Bridge:** Electric  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

**BIN: 1050780**  
**Feature Carried & Feature Crossed:** Ramp BB over I-690  
**Inspection Date:** 8/7/2008  
**NYSDOT General Recommendation:** 4  
**NYSDOT Condition Rating:** 4.234  
**Projected Condition Rating @ ETC:** 3.508  
**FHWA Sufficiency Rating:** 59.5  
**FHWA Structurally Deficient:** Yes  
**FHWA Functionally Obsolete:** N/A  
**Year Constructed & Construction Contract Number:** 1968; Contract FIC 66-05  
**Structure Type:** Simple spans, rolled steel beams, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, high density concrete w.s.  
**Bridge Length:** 269 ft  
**Out-to-Out Width:** 36.8 ft  
**Clear Width**: 33 ft  
**Number and Length of Spans:** 4 spans; 64 ft, 91 ft, 68 ft, and 36 ft  
**Skew Angles:** 39°, 52°, 40°, 30°, and 26° (Begin Abutment, Piers 1 & 2, End Abutment)  
**Utilities on Bridge:** Electric  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Partial Collapse

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* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

**BIN: 1050790**  
*Feature Carried & Feature Crossed:* Ramp DD over I-690  
*Inspection Date:* 9/30/2008  
*NYSDOT General Recommendation:* 5  
*NYSDOT Condition Rating:* 4.031  
*Projected Condition Rating @ ETC:* 3.164  
*Projected Condition Rating @ ETC + 30 (2050):* 1.000  
*FHWA Sufficiency Rating:* 61.7  
*FHWA Structurally Deficient:* Yes  
*FHWA Functionally Obsolete:* N/A  
*Year Constructed & Construction Contract Number:* 1968; Contract FIC 66-05  
*Structure Type:* Simple spans, rolled steel beams, composite  
*Deck & Wearing Surface Types:* Concrete with uncoated bars, high density concrete w.s.  
*Bridge Length:* 360 ft  
*Out-to-Out Width:* 36.8 ft  
*Clear Width**: 32 ft  
*Number and Length of Spans:* 5 spans; 59 ft, 82 ft, 80 ft, 65 ft, and 64 ft  
*Skew Angles:* 18˚, 53˚, 50˚, 40˚, 48˚, and 30˚ (Begin Abutment, Piers 1 to 3, End Abutment)  
*Utilities on Bridge:* Electric  
*Posted Weight Limit & Year:* N/A  
*Vertical Clearance Restrictions:* N/A  
*Steel BSA Classification (Likelihood of Failure, Type):* Low, Partial Collapse

**BIN: 1050800**  
*Feature Carried & Feature Crossed:* I-690WB to West Street SB over Onondaga Creek  
*Inspection Date:* 10/2/2009  
*NYSDOT General Recommendation:* 4  
*NYSDOT Condition Rating:* 4.208  
*Projected Condition Rating @ ETC:* 3.622  
*Projected Condition Rating @ ETC + 30 (2050):* 1.000  
*FHWA Sufficiency Rating:* 66.5  
*FHWA Structurally Deficient:* Yes  
*FHWA Functionally Obsolete:* N/A  
*Year Constructed & Construction Contract Number:* 1968; FIC 66-5  
*Structure Type:* Simple spans, rolled steel beams, composite  
*Deck & Wearing Surface Types:* Concrete with uncoated bars, high density concrete w.s.  
*Bridge Length:* 200 ft  
*Out-to-Out Width:* 23.4 ft (varies)  
*Clear Width**: 19 ft (varies)  
*Number and Length of Spans:* 3 spans; 48 ft, 71 ft and 73 ft  
*Skew Angles:* 22˚, 22˚, 22˚, 0˚ and 19˚ (Begin Abutment, Piers 1 to 3, End Abutment)  
*Utilities on Bridge:* Electric  
*Posted Weight Limit & Year:* N/A  
*Vertical Clearance Restrictions:* N/A  
*Steel BSA Classification (Likelihood of Failure, Type):* Low, Partial Collapse

* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

BIN: 105080A

Feature Carried & Feature Crossed: I-690WB to West Street SB over Onondaga Creek
Inspection Date: 9/30/2008
NYSDOT General Recommendation: 5 NYSDOT Condition Rating: 4.875
Projected Condition Rating @ ETC: 4.570 @ETC + 30 (2050): 2.841
FHWA Sufficiency Rating: 60.9
FHWA Structurally Deficient: Yes FHWA Functionally Obsolete: N/A
Year Constructed & Construction Contract Number: 1968; Contract Unknown
Structure Type: Simple spans, rolled steel beams, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, high density concrete w.s.
Bridge Length: 116 ft Out-to-Out Width: 19 ft (varies) Clear Width**: 18 ft
Number and Length of Spans: 2 spans; 72 ft and 39 ft
Skew Angles: 40°, 22°, and 19° (Begin Abutment, Pier, End Abutment)
Utilities on Bridge: Electric
Posted Weight Limit & Year: N/A Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

BIN: 1050821

Feature Carried & Feature Crossed: I-690 WB over Onondaga Creek
Inspection Date: 6/9/2009
NYSDOT General Recommendation: 4 NYSDOT Condition Rating: 4.391
Projected Condition Rating @ ETC: 4.230 @ETC + 30 (2050): 1.617
FHWA Sufficiency Rating: 62.1
FHWA Structurally Deficient: No FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1968; Contract FIC 66-5
Structure Type: Simple spans, rolled steel beams, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.
Bridge Length: 171 ft Out-to-Out Width: 33.8 ft Clear Width**: 30 ft
Number and Length of Spans: 3 spans; 42 ft, 67 ft, and 54 ft
Skew Angles: 18° (All Substructures)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
**Existing Conditions of Structures on I-690 Within Study Limits**

**BIN: 1050822**

**Feature Carried & Feature Crossed:** I-690 EB over Onondaga Creek

- **Inspection Date:** 6/9/2009
- **NYSDOT General Recommendation:** 4
- **NYSDOT Condition Rating:** 4.672
- **Projected Condition Rating @ ETC:** 4.231
- **@ETC + 30 (2050):** 1.619
- **FHWA Sufficiency Rating:** 62.1
- **FHWA Structurally Deficient:** No
- **FHWA Functionally Obsolete:** Yes
- **Year Constructed & Construction Contract Number:** 1968; Contract FIC 66-5
- **Structure Type:** Simple spans, rolled steel beams, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica overlay w.s.
- **Bridge Length:** 171 ft
- **Out-to-Out Width:** 33.8 ft
- **Clear Width:** 30 ft
- **Number and Length of Spans:** 3 spans; 42 ft, 67 ft, and 54 ft
- **Skew Angles:** 16˚ (All Substructures)
- **Utilities on Bridge:** N/A
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

**BIN: 1050840**

**Feature Carried & Feature Crossed:** Ramp CC to I-690 EB over Onondaga Creek

- **Inspection Date:** 6/18/2009
- **NYSDOT General Recommendation:** 4
- **NYSDOT Condition Rating:** 4.313
- **Projected Condition Rating @ ETC:** 3.863
- **@ETC + 30 (2050):** 1.000
- **FHWA Sufficiency Rating:** 68.4
- **FHWA Structurally Deficient:** Yes
- **FHWA Functionally Obsolete:** N/A
- **Year Constructed & Construction Contract Number:** 1968; Contract FIC 66-5
- **Structure Type:** Simple spans, rolled steel beams, composite
- **Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica overlay w.s.
- **Bridge Length:** 172 ft
- **Out-to-Out Width:** 23.8 ft
- **Clear Width:** 20 ft
- **Number and Length of Spans:** 3 spans; 47 ft, 65 ft, and 54 ft
- **Skew Angles:** 6˚, 4˚, 2˚, and 2˚ (Begin Abutment, Piers 1 & 2, End Abutment)
- **Utilities on Bridge:** Electric
- **Posted Weight Limit & Year:** N/A
- **Vertical Clearance Restrictions:** N/A
- **Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

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* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

BIN: 1050851
Feature Carried & Feature Crossed: I-690 over N. Franklin Street
Inspection Date: 4/2/2008
NYSDOT General Recommendation: 5   NYSDOT Condition Rating: 5.641
Projected Condition Rating @ ETC: 5.111   @ETC + 30 (2050): 4.287
FHWA Sufficiency Rating: 93.2
FHWA Structurally Deficient: No   FHWA Functionally Obsolete: No
Year Constructed & Construction Contract Number: 1968, Contract Unknown
Structure Type: Simple span, rolled steel beams, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.
Bridge Length: 68 ft   Out-to-Out Width: 70.1 ft (varies)   Clear Width**: 64.3 ft (varies)
Number and Length of Spans: 1 span; 65 ft
Skew Angles: 5˚ (Both Abutments)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A   Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

BIN: 1050852
Feature Carried & Feature Crossed: I-690 over N. Franklin Street
Inspection Date: 4/2/2008
NYSDOT General Recommendation: 5   NYSDOT Condition Rating: 5.250
Projected Condition Rating @ ETC: 4.880   @ETC + 30 (2050): 3.855
FHWA Sufficiency Rating: 72.6
FHWA Structurally Deficient: No   FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1968; Contract FIC 66-5
Structure Type: Simple span, rolled steel beams, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.
Bridge Length: 66 ft   Out-to-Out Width: 48.2 ft   Clear Width**: 44.4 ft
Number and Length of Spans: 1 span; 62 ft
Skew Angles: 4˚ (Both Abutments)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A   Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
### Existing Conditions of Structures on I-690 Within Study Limits

**BIN: 1050910**  
**Feature Carried & Feature Crossed:** I-690 over N. Salina Street  
**Inspection Date:** 11/17/2008  
**NYSDOT General Recommendation:** 6  
**NYSDOT Condition Rating:** 4.762  
**Projected Condition Rating @ ETC:** 4.426  
**FHWA Sufficiency Rating:** 72.6  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes  
**Year Constructed & Construction Contract Number:** 1966; Contract FIC 65-28  
**Structure Type:** Simple span, steel plate girders, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica overlay w.s.  
**Bridge Length:** 112 ft  
**Out-to-Out Width:** 33.8 ft  
**Clear Width**: 30 ft  
**Number and Length of Spans:** 1 span; 107 ft  
**Skew Angles:** 25° (Both Abutments)  
**Utilities on Bridge:** N/A  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

**BIN: 1050921**  
**Feature Carried & Feature Crossed:** I-690 WB to I-81 NB over Willow Street  
**Inspection Date:** 4/14/2008  
**NYSDOT General Recommendation:** 6  
**NYSDOT Condition Rating:** 5.453  
**Projected Condition Rating @ ETC:** 5.005  
**FHWA Sufficiency Rating:** 96.5  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** No  
**Year Constructed & Construction Contract Number:** 1968; Contract FIC 65-28  
**Structure Type:** Simple span, rolled steel beams, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica overlay w.s.  
**Bridge Length:** 74 ft  
**Out-to-Out Width:** 27.8 ft  
**Clear Width**: 24 ft  
**Number and Length of Spans:** 1 span; 70 ft  
**Skew Angles:** 15° (Both Abutments)  
**Utilities on Bridge:** Electric  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

BIN: 1050922

Feature Carried & Feature Crossed: I-690 EB over Willow Street
Inspection Date: 4/14/2008
NYSDOT General Recommendation: 6
NYSDOT Condition Rating: 5.609
Projected Condition Rating @ ETC: 5.094
@ETC + 30 (2050): 4.265
FHWA Sufficiency Rating: 75.7
FHWA Structurally Deficient: No
FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1968; Contract FIC 65-28
Structure Type: Simple span, rolled steel beams, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.
Bridge Length: 75 ft
Out-to-Out Width: 44.8 ft (varies)
Clear Width**: 41.1 ft (varies)
Number and Length of Spans: 1 span; 70 ft
Skew Angles: 15˚ (Both Abutments)
Utilities on Bridge: Electric
Posted Weight Limit & Year: N/A
Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

BIN: 1050950

Feature Carried & Feature Crossed: I-690 over N. State Street – US 11
Inspection Date: 5/22/2008
NYSDOT General Recommendation: 5
NYSDOT Condition Rating: 4.903
Projected Condition Rating @ ETC: 4.592
@ETC + 30 (2050): 2.924
FHWA Sufficiency Rating: 91.3
FHWA Structurally Deficient: No
FHWA Functionally Obsolete: No
Year Constructed & Construction Contract Number: 1968; Contract FIC 65-28
Structure Type: Simple span, steel plate girders, composite (Span 1); Simple spans, rolled steel beams, composite (Spans 2 to 6)
Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.
Bridge Length: 373 ft
Out-to-Out Width: 75 ft (varies)
Clear Width**: 71.3 ft (varies)
Number and Length of Spans: 6 spans; 105 ft, 50 ft, 48 ft, 55 ft, 64 ft, and 74 ft
Skew Angles: 30˚ (Begin Abutment, Pier 1), 0˚ (Piers 2, 3), and 50˚ (Piers 4, 5, End Abutment)
Utilities on Bridge: Electric
Posted Weight Limit & Year: N/A
Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

**BIN: 105095A**
*Feature Carried & Feature Crossed:* Ramp from I-81 NB to I-690 WB over N. State St.
*Inspection Date:* 5/22/2008
*NYS DOT General Recommendation:* 6  
*NYS DOT Condition Rating:* 5.708
*Projected Condition Rating @ ETC:* 5.152  
@ETC + 30 (2050): 4.339
*FHWA Sufficiency Rating:* 80.2
*FHWA Structurally Deficient:* No  
*FHWA Functionally Obsolete:* Yes
*Year Constructed & Construction Contract Number:* 1968; FIC 65-28
*Structure Type:* Simple spans, rolled steel girders, composite
*Deck & Wearing Surface Types:* Concrete with uncoated bars; micro-silica overlay
*Bridge Length:* 150 ft  
*Out-to-Out Width:* 20.8 ft (varies)  
*Clear Width**: 17 ft (varies)
*Number and Length of Spans:* 2 spans, 71 ft and 77 ft
*Skew Angles:* 0˚ (Begin Abutment), 50˚ (Pier, End Abutment)
*Utilities on Bridge:* Electric
*Posted Weight Limit & Year:* N/A  
*Vertical Clearance Restrictions:* N/A
*Steel BSA Classification (Likelihood of Failure, Type):* Low, Structural Damage

**BIN: 1051000**
*Feature Carried & Feature Crossed:* I-690 over I-81
*Inspection Date:* 12/11/2008
*NYS DOT General Recommendation:* 5  
*NYS DOT Condition Rating:* 4.817
*Projected Condition Rating @ ETC:* 4.503  
@ETC + 30 (2050): 2.596
*FHWA Sufficiency Rating:* 72.3
*FHWA Structurally Deficient:* No  
*FHWA Functionally Obsolete:* Yes
*Year Constructed & Construction Contract Number:* 1968; Contract FIC 65-28
*Structure Type:* Simple spans, rolled steel beams, composite (Spans 1 & 2); Simple spans, steel plate girders, composite (Spans 3-31)
*Deck & Wearing Surface Types:* Concrete with uncoated bars, micro-silica overlay w.s.
*Bridge Length:* 3147 ft  
*Out-to-Out Width:* 45.8 ft (varies)  
*Clear Width**: 30 ft (varies)
*Number and Length of Spans:* 31 spans; 70 ft (Span 1), 79 ft (Span 12), 82 ft (Span 11), 87 ft (Span 2), 92 ft to 97 ft (Spans 13, 14, 21, 22 to 31), 100 ft to 109 ft (Spans 3, 4, 6 to 10), 113 ft to 120 ft (Spans 5, 15 to 20)
*Skew Angles:* 0˚ (Piers 6 to 9, Piers 19 to 30, End Abutment), 3˚ (Begin Abutment, Pier 16), 6˚ (Piers 10, 17, 18), 9˚ (Pier 11), 10˚ (Piers 12, 15), 20˚ (Piers 1, 2, 13, 14), 23˚ (Pier 3), 30 (Pier 4), and 36˚ (Pier 5)
*Utilities on Bridge:* Electric
*Posted Weight Limit & Year:* N/A  
*Vertical Clearance Restrictions:* N/A
*Steel BSA Classification (Likelihood of Failure, Type):* Medium, Catastrophic

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

BIN: 105100A

Feature Carried & Feature Crossed: I-690 over N. State Street – US 11
Inspection Date: 12/11/2008
NYSDOT General Recommendation: 5 NYSDOT Condition Rating: 5.204
Projected Condition Rating @ ETC: 4.866 @ETC + 30 (2050): 3.819
FHWA Sufficiency Rating: 86.7
FHWA Structurally Deficient: No FHWA Functionally Obsolete: No
Year Constructed & Construction Contract Number: 1968; Contract FIC 65-28
Structure Type: Simple spans, steel plate girders, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, latex modified concrete w.s.
Bridge Length: 622 ft Out-to-Out Width: 25.8 ft Clear Width**: 20 ft (varies)
Number and Length of Spans: 7 spans; 114 ft (Span 1), 94 ft (Spans 2 to 5), 78 ft (Span 6), and 46 ft (Span 7)
Skew Angles: 0° (Both Abutments, Piers 2 to 4), 1°, 3°, and 5° (Piers 1, 5, 6)
Utilities on Bridge: Electric
Posted Weight Limit & Year: N/A Vertical Clearance Restrictions: N/A
Steel BSA Classification ( Likelihood of Failure, Type): Low, Structural Damage

BIN: 1051030

Feature Carried & Feature Crossed: I-690 over N. Townsend Street
Inspection Date: 5/22/2008
NYSDOT General Recommendation: 6 NYSDOT Condition Rating: 5.750
Projected Condition Rating @ ETC: 5.176 @ETC + 30 (2050): 4.366
FHWA Sufficiency Rating: 89.4
FHWA Structurally Deficient: No FHWA Functionally Obsolete: No
Year Constructed & Construction Contract Number: 1968; Contract FIC 65-28
Structure Type: Simple span, rolled steel beams, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.
Bridge Length: 76 ft Out-to-Out Width: 52 ft Clear Width**: 48.5 ft
Number and Length of Spans: 1 span; 70 ft
Skew Angles: 0° (Both Abutments)
Utilities on Bridge: Electric
Posted Weight Limit & Year: N/A Vertical Clearance Restrictions: N/A
Steel BSA Classification ( Likelihood of Failure, Type): Low, Structural Damage

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

**BIN: 1051050**

*Feature Carried & Feature Crossed: I-690 over N. McBride Street*

- Inspection Date: 5/22/2008
- **NYSDOT General Recommendation**: 6
- **NYSDOT Condition Rating**: 5.406
- **Projected Condition Rating @ ETC**: 4.980
- **@ETC + 30 (2050)**: 4.078
- **FHWA Sufficiency Rating**: 91.4
- **FHWA Structurally Deficient**: No
- **FHWA Functionally Obsolete**: No
- **Year Constructed & Construction Contract Number**: 1968; Contract FIC 65-28
- **Structure Type**: Simple span, rolled steel beams, composite
- **Deck & Wearing Surface Types**: Concrete with uncoated bars, micro-silica overlay w.s.
- **Bridge Length**: 74 ft
- **Out-to-Out Width**: 78 ft (varies)
- **Clear Width**: 68.8 ft (varies)
- **Number and Length of Spans**: 1 span; 70 ft
- **Skew Angles**: 0˚ (Both Abutments)
- **Utilities on Bridge**: N/A
- **Posted Weight Limit & Year**: N/A
- **Vertical Clearance Restrictions**: N/A
- **Steel BSA Classification (Likelihood of Failure, Type)**: Low, Structural Damage

**BIN: 1051061**

*Feature Carried & Feature Crossed: I-690 over Catherine Street*

- Inspection Date: 4/9/2009
- **NYSDOT General Recommendation**: 5
- **NYSDOT Condition Rating**: 5.381
- **Projected Condition Rating @ ETC**: 4.937
- **@ETC + 30 (2050)**: 3.990
- **FHWA Sufficiency Rating**: 73.7
- **FHWA Structurally Deficient**: No
- **FHWA Functionally Obsolete**: Yes
- **Year Constructed & Construction Contract Number**: 1968; Contract FIC 65-28
- **Structure Type**: Simple span, rolled steel beams, composite
- **Deck & Wearing Surface Types**: Concrete with uncoated bars, micro-silica overlay w.s.
- **Bridge Length**: 74 ft
- **Out-to-Out Width**: 58.4 ft (varies)
- **Clear Width**: 54.3 ft (varies)
- **Number and Length of Spans**: 1 span; 70 ft
- **Skew Angles**: 6˚ (Both Abutments)
- **Utilities on Bridge**: N/A
- **Posted Weight Limit & Year**: N/A
- **Vertical Clearance Restrictions**: N/A
- **Steel BSA Classification (Likelihood of Failure, Type)**: Low, Structural Damage

* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

BIN: 1051062
Feature Carried & Feature Crossed: I-690 over Connector E
Inspection Date: 4/9/2009
NYSDOT General Recommendation: 5  NYSDOT Condition Rating: 5.250
Projected Condition Rating @ ETC: 4.961 @ETC + 30 (2050): 4.039
FHWA Sufficiency Rating: 80
FHWA Structurally Deficient: No  FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1968; Contract FIC 65-28
Structure Type: Simple span, rolled steel beams, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.
Bridge Length: 75 ft  Out-to-Out Width: 52 ft (varies)  Clear Width**: 47.6 ft (varies)
Number and Length of Spans: 1 span; 70 ft
Skew Angles: 6˚ (Both Abutments)
Utilities on Bridge: N/A
Posted Weight Limit & Year: N/A  Vertical Clearance Restrictions: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

BIN: 1051063
Feature Carried & Feature Crossed: Ramp ‘O’ to I-690 EB over Catherine Street
NYSDOT General Recommendation: 5  NYSDOT Condition Rating: 5.175
Projected Condition Rating @ ETC: 4.867 @ETC + 30 (2050): 3.822
FHWA Sufficiency Rating: 80.4
FHWA Structurally Deficient: No  FHWA Functionally Obsolete: Yes
Year Constructed & Construction Contract Number: 1968; Contract FIC 65-28
Structure Type: Simple span, rolled steel beams, composite
Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.
Bridge Length: 76 ft  Out-to-Out Width: 20.8 ft  Clear Width**: 17 ft
Number and Length of Spans: 1 span; 72 ft
Skew Angles: 13˚ (Both Abutments)
Utilities on Bridge: Electric
Inspection Date: 4/9/2009  Vertical Clearance Restrictions: 12 ft-9 in
Posted Weight Limit & Year: N/A
Steel BSA Classification (Likelihood of Failure, Type): Low, Partial Collapse

* Data Shown is Current as of May 31, 2010
** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

**BIN: 1051091**

*Feature Carried & Feature Crossed:* I-690 over Crouse Avenue  
*Inspection Date:* 5/23/2008  
*NYSDOT General Recommendation:* 5  
*NYSDOT Condition Rating:* 5.031  
*Projected Condition Rating @ ETC:* 4.720  
*Projected Condition Rating @ ETC + 30 (2050):* 3.376  
*FHWA Sufficiency Rating:* 87.9  
*FHWA Structurally Deficient:* No  
*FHWA Functionally Obsolete:* No  
*Year Constructed & Construction Contract Number:* 1968; Contract FIC 66-15  
*Structure Type:* Simple span, rolled steel beams, composite  
*Deck & Wearing Surface Types:* Concrete with uncoated bars, micro-silica overlay w.s.  
*Bridge Length:* 76 ft  
*Out-to-Out Width:* 66.5 ft  
*Clear Width:* 62.8 ft  
*Number and Length of Spans:* 1 span; 70 ft  
*Skew Angles:* 4˚ (Both Abutments)  
*Utilities on Bridge:* N/A  
*Posted Weight Limit & Year:* N/A  
*Vertical Clearance Restrictions:* N/A  
*Steel BSA Classification (Likelihood of Failure, Type):* Low, Structural Damage

**BIN: 1051092**

*Feature Carried & Feature Crossed:* I-690 over Crouse Avenue  
*Inspection Date:* 5/23/2008  
*NYSDOT General Recommendation:* 5  
*NYSDOT Condition Rating:* 5.188  
*Projected Condition Rating @ ETC:* 4.842  
*Projected Condition Rating @ ETC + 30 (2050):* 3.754  
*FHWA Sufficiency Rating:* 88.9  
*FHWA Structurally Deficient:* No  
*FHWA Functionally Obsolete:* No  
*Year Constructed & Construction Contract Number:* 1968; Contract FIC 66-15  
*Structure Type:* Simple span, rolled steel beams, composite  
*Deck & Wearing Surface Types:* Concrete with uncoated bars, micro-silica overlay w.s.  
*Bridge Length:* 76 ft  
*Out-to-Out Width:* 66.5 ft  
*Clear Width:* 62.8 ft  
*Number and Length of Spans:* 1 span; 70 ft  
*Skew Angles:* 0˚ (Both Abutments)  
*Utilities on Bridge:* N/A  
*Posted Weight Limit & Year:* N/A  
*Vertical Clearance Restrictions:* N/A  
*Steel BSA Classification (Likelihood of Failure, Type):* Low, Structural Damage

* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
Existing Conditions of Structures on I-690 Within Study Limits

BIN: 1051119

Feature Carried & Feature Crossed: I-690 over Lodi Street

Inspection Date: 4/2/2009

NYSDOT General Recommendation: 5
NYSDOT Condition Rating: 4.778

Projected Condition Rating @ ETC: 4.492
@ETC + 30 (2050): 2.554

FHWA Sufficiency Rating: 91

FHWA Structurally Deficient: No
FHWA Functionally Obsolete: No

Year Constructed & Construction Contract Number: 1968; Contract FIC 66-15

Structure Type: Simple spans, rolled steel beams, composite

Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.

Bridge Length: 183 ft
Out-to-Out Width: 102.5 ft
Clear Width**: 96.3 ft

Number and Length of Spans: 2 spans; 86 ft and 88 ft

Skew Angles: 53˚ (All Substructures)

Utilities on Bridge: N/A

Posted Weight Limit & Year: N/A

Vertical Clearance Restrictions: N/A

Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

BIN: 1051139

Feature Carried & Feature Crossed: I-690 over Beech Street

Inspection Date: 5/12/2009

NYSDOT General Recommendation: 5
NYSDOT Condition Rating: 4.406

Projected Condition Rating @ ETC: 3.990
@ETC + 30 (2050): 1.000

FHWA Sufficiency Rating: 67.2

FHWA Structurally Deficient: No
FHWA Functionally Obsolete: No

Year Constructed & Construction Contract Number: 1968; Contract FIC 66-15

Structure Type: Simple spans, steel plate girders, composite

Deck & Wearing Surface Types: Concrete with uncoated bars, micro-silica overlay w.s.

Bridge Length: 1522 ft
Out-to-Out Width: 89.8 ft (varies)
Clear Width**: 85.8 ft (varies)

Number and Length of Spans: 15 spans; 59 ft (Span 1), 104 ft (Spans 2 to 4, and 6 to 14), 84 ft (Span 5), 99 ft (Span 15)

Skew Angles: 10˚ (Begin Abutment), 11˚ (Pier 1), 13˚ (Pier 2), 16˚ (Pier 3), 18˚ (Pier 4), 4˚ (Pier 5),
2˚ (Pier 6), 0˚ (Piers 7 to 14, and End Abutment)

Utilities on Bridge: Electric

Posted Weight Limit & Year: N/A

Vertical Clearance Restrictions: N/A

Steel BSA Classification (Likelihood of Failure, Type): Low, Structural Damage

* Data Shown is Current as of May 31, 2010

** Clear Width is the distance between curb, barrier or bridge rail faces.
## Existing Conditions of Structures on I-690 Within Study Limits

### BIN: 105113A

**Feature Carried & Feature Crossed:** From I-690 EB Ramp over Relief  
**Inspection Date:** 4/8/2009  
**NYSDOT General Recommendation:** 6  
**NYSDOT Condition Rating:** 5.000  
**Projected Condition Rating @ ETC:** 4.601  
**FHWA Sufficiency Rating:** 92.3  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes  
**Year Constructed & Construction Contract Number:** 1968; Contract FIC 66-15  
**Structure Type:** Simple spans, steel plate girders, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, integral w.s.  
**Bridge Length:** 207 ft  
**Out-to-Out Width:** 21.8 ft (varies)  
**Clear Width**: 18 ft (varies)  
**Number and Length of Spans:** 2 spans; 105 ft and 100 ft  
**Skew Angles:** 40˚ (Begin Abutment), 5˚ (Pier 1), 0˚ (End Abutment)  
**Utilities on Bridge:** N/A  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

### BIN: 1051149

**Feature Carried & Feature Crossed:** I-690 over Teall Avenue  
**Inspection Date:** 4/10/2009  
**NYSDOT General Recommendation:** 5  
**NYSDOT Condition Rating:** 4.813  
**Projected Condition Rating @ ETC:** 4.489  
**FHWA Sufficiency Rating:** 74.7  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes  
**Year Constructed & Construction Contract Number:** 1968; Contract FIC 66-15  
**Structure Type:** Simple span, rolled steel beams, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, high density concrete w.s.  
**Bridge Length:** 84 ft  
**Out-to-Out Width:** 102.5 ft  
**Clear Width**: 96.8 ft  
**Number and Length of Spans:** 1 span; 77 ft  
**Skew Angles:** 31˚ (Begin Abutment), 30˚ (End Abutment)  
**Utilities on Bridge:** N/A  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage

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** Clear Width is the distance between curb, barrier or bridge rail faces.
**Existing Conditions of Structures on I-690 Within Study Limits**

**BIN: 1054020**

*Feature Carried & Feature Crossed: I-690 over N. Clinton Street*

**Inspection Date:** 4/9/2008  
**NYSDOT General Recommendation:** 5  
**NYSDOT Condition Rating:** 4.969  
**Projected Condition Rating @ ETC:** 4.659  
**@ETC + 30 (2050):** 3.165  
**FHWA Sufficiency Rating:** 72.3  
**FHWA Structurally Deficient:** No  
**FHWA Functionally Obsolete:** Yes  
**Year Constructed & Construction Contract Number:** 1968; Contract FIC 66-5  
**Structure Type:** Simple span, rolled steel beams, composite  
**Deck & Wearing Surface Types:** Concrete with uncoated bars, micro-silica overlay w.s.  
**Bridge Length:** 70 ft  
**Out-to-Out Width:** 48.2 ft (varies)  
**Clear Width:** 43.4 ft (varies)  
**Number and Length of Spans:** 1 span; 65 ft  
**Skew Angles:** 11˚ (Both Abutments)  
**Utilities on Bridge:** Electric  
**Posted Weight Limit & Year:** N/A  
**Vertical Clearance Restrictions:** N/A  
**Steel BSA Classification (Likelihood of Failure, Type):** Low, Structural Damage