





## **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*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 5.111*

*Projected Condition Rating @ ETC: 4.788    @ETC + 30 (2050): 3.599*

*FHWA Sufficiency Rating: 86.6*

*FHWA Structurally Deficient: Yes      FHWA Functionally Obsolete: N/A*

*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*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 4.906*

*Projected Condition Rating @ ETC: 4.597    @ETC + 30 (2050): 2.940*

*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*

*NYS DOT General Recommendation: 6      NYS DOT 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*

*NYS DOT General Recommendation: 7      NYS DOT 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*

\* 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*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 4.986*

*Projected Condition Rating @ ETC: 4.976    @ETC + 30 (2050): 4.070*

*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*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 4.938*

*Projected Condition Rating @ ETC: 4.582    @ETC + 30 (2050): 2.886*

*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***

*Inspection Date: 10/23/2009*

*NYS DOT General Recommendation: 5      NYS DOT 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***

*Inspection Date: 10/15/2009*

*NYS DOT General Recommendation: 5      NYS DOT 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*

\* 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*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 4.891*

*Projected Condition Rating @ ETC: 4.678    @ETC + 30 (2050): 3.232*

*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*

*NYS DOT General Recommendation: 4      NYS DOT Condition Rating: 4.597*

*Projected Condition Rating @ ETC: 4.528    @ETC + 30 (2050): 2.685*

*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    @ETC + 30 (2050): 2.672*

*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    @ETC + 30 (2050): 2.207*

*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

*NYS DOT General Recommendation:* 6      *NYS DOT Condition Rating:* 5.093

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

*FHWA Sufficiency Rating:* 78

*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

*NYS DOT General Recommendation:* 5      *NYS DOT Condition Rating:* 4.852

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

*FHWA Sufficiency Rating:* 86.0

*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

*NYS DOT General Recommendation:* TBD    *NYS DOT 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

### ***BIN: 1031580***

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

*Inspection Date:* 11/16/2009

*NYS DOT General Recommendation:* 7              *NYS DOT 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

\* 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: 1031590***

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

*Inspection Date: 11/23/2009*

*NYS DOT General Recommendation: 7      NYS DOT 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*

*NYS DOT General Recommendation: 5      NYS DOT 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*

\* 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*

*NYS DOT General Recommendation: 6      NYS DOT Condition Rating: 5.306*

*Projected Condition Rating @ ETC: 4.929    @ETC + 30 (2050): 3.973*

*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*

*NYS DOT General Recommendation: 6      NYS DOT Condition Rating: 5.606*

*Projected Condition Rating @ ETC: 5.274    @ETC + 30 (2050): 4.462*

*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*

\* 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***

*Inspection Date: 5/19/2009*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 5.016*

*Projected Condition Rating @ ETC: 5.123    @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***

*Inspection Date: 10/30/2009*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 5.069*

*Projected Condition Rating @ ETC: 4.930    @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

*NYS DOT General Recommendation:* 5      *NYS DOT 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

*NYS DOT General Recommendation:* 5      *NYS DOT 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*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 3.794*

*Projected Condition Rating @ ETC: 2.773    @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*

*NYS DOT General Recommendation: 6      NYS DOT Condition Rating: 4.972*

*Projected Condition Rating @ ETC: 4.677    @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*

\* 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*

*NYS DOT General Recommendation: 4      NYS DOT Condition Rating: 4.500*

*Projected Condition Rating @ ETC: 4.315    @ETC + 30 (2050): 1.911*

*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*

*NYS DOT General Recommendation: 4      NYS DOT Condition Rating: 4.500*

*Projected Condition Rating @ ETC: 4.074    @ETC + 30 (2050): 1.088*

*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*

\* 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*

*NYS DOT General Recommendation: 4      NYS DOT 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*

*NYS DOT General Recommendation: 5      NYS DOT 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*

\* 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

*NYS DOT General Recommendation:* 5      *NYS DOT Condition Rating:* 5.016

*Projected Condition Rating @ ETC:* 4.506      *@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

*NYS DOT General Recommendation:* 5      *NYS DOT Condition Rating:* 5.042

*Projected Condition Rating @ ETC:* 4.736      *@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

*NYS DOT General Recommendation:* 6      *NYS DOT 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

*NYS DOT General Recommendation:* 5      *NYS DOT 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

\* 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: 105384A***

#### ***Feature Carried & Feature Crossed: I-81 NB Ramp to I-690 EB over Erie Boulevard***

*Inspection Date:* 11/17/2008

*NYS DOT General Recommendation:* 5      *NYS DOT 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

*NYS DOT General Recommendation:* 6      *NYS DOT 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*

*NYS DOT General Recommendation: 5      NYS DOT 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*

### ***BIN: 1053881***

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

*Inspection Date: 11/9/2009*

*NYS DOT General Recommendation: 5      NYS DOT 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*

\* 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: 1053882***

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

*Inspection Date: 9/10/2009*

*NYS DOT General Recommendation: 6      NYS DOT 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*

*NYS DOT General Recommendation: 5      NYS DOT 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*

*NYS DOT General Recommendation: 5      NYS DOT Condition Rating: 5.083*

*Projected Condition Rating @ ETC: 4.774    @ETC + 30 (2050): 3.554*

*FHWA Sufficiency Rating: 71.4*

*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, 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*

*NYS DOT General Recommendation: 6      NYS DOT Condition Rating: 5.167*

*Projected Condition Rating @ ETC: 4.906    @ETC + 30 (2050): 3.919*

*FHWA Sufficiency Rating: 93.8*

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

*Year Constructed & Construction Contract Number: 1980; Contract D95042*

*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*

*NYS DOT General Recommendation: 6      NYS DOT 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*

*Year Constructed & Construction Contract Number: 1980; Contract D95042*

*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*

*NYS DOT General Recommendation: 6      NYS DOT 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*

*Year Constructed & Construction Contract Number: 1984; Contract D96872*

*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*

*NYS DOT General Recommendation: 6      NYS DOT 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*

*NYS DOT General Recommendation: 6      NYS DOT 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*

*NYS DOT General Recommendation: 6      NYS DOT 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 Abutments), 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*

*NYS DOT General Recommendation: 5*

*NYS DOT Condition Rating: 4.875*

*Projected Condition Rating @ ETC: 4.556*

*@ETC + 30 (2050): 2.792*

*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*

*NYS DOT General Recommendation: 4*

*NYS DOT Condition Rating: 4.234*

*Projected Condition Rating @ ETC: 3.508*

*@ETC + 30 (2050): 1.000*

*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*

\* 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*

*NYS DOT General Recommendation: 5*

*NYS DOT Condition Rating: 4.031*

*Projected Condition Rating @ ETC: 3.164*

*@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*

*NYS DOT General Recommendation: 4*

*NYS DOT Condition Rating: 4.208*

*Projected Condition Rating @ ETC: 3.622*

*@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

NYS DOT General Recommendation: 5

NYS DOT 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

NYS DOT General Recommendation: 4

NYS DOT 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

NYS DOT General Recommendation: 4

NYS DOT 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

NYS DOT General Recommendation: 4

NYS DOT 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

\* 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*

*NYS DOT General Recommendation: 5*

*NYS DOT 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*

*NYS DOT General Recommendation: 5*

*NYS DOT 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

*NYS DOT General Recommendation:* 6

*NYS DOT Condition Rating:* 4.762

*Projected Condition Rating @ ETC:* 4.426

*@ETC + 30 (2050):* 2.312

*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

*NYS DOT General Recommendation:* 6

*NYS DOT Condition Rating:* 5.453

*Projected Condition Rating @ ETC:* 5.005

*@ETC + 30 (2050):* 4.125

*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*

*NYS DOT General Recommendation: 6*

*NYS DOT 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*

*NYS DOT General Recommendation: 5*

*NYS DOT 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

*NYS DOT General Recommendation:* 5

*NYS DOT 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

*NYS DOT General Recommendation:* 6

*NYS DOT 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*

*NYS DOT General Recommendation: 6*

*NYS DOT 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*

*NYS DOT General Recommendation: 5*

*NYS DOT 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*

*NYS DOT General Recommendation: 5*

*NYS DOT 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***

*NYS DOT General Recommendation: 5*

*NYS DOT 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*              *@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*              *@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*

*NYS DOT General Recommendation: 5*

*NYS DOT 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*

*NYS DOT General Recommendation: 5*

*NYS DOT 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*

*NYS DOT General Recommendation: 6*

*NYS DOT Condition Rating: 5.000*

*Projected Condition Rating @ ETC: 4.601*

*@ETC + 30 (2050): 2.954*

*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*

*NYS DOT General Recommendation: 5*

*NYS DOT Condition Rating: 4.813*

*Projected Condition Rating @ ETC: 4.489*

*@ETC + 30 (2050): 2.543*

*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*

\* 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: 1054020***

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

*Inspection Date: 4/9/2008*

*NYS DOT General Recommendation: 5*

*NYS DOT 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*

\* Data Shown is Current as of May 31, 2010

\*\* Clear Width is the distance between curb, barrier or bridge rail faces.