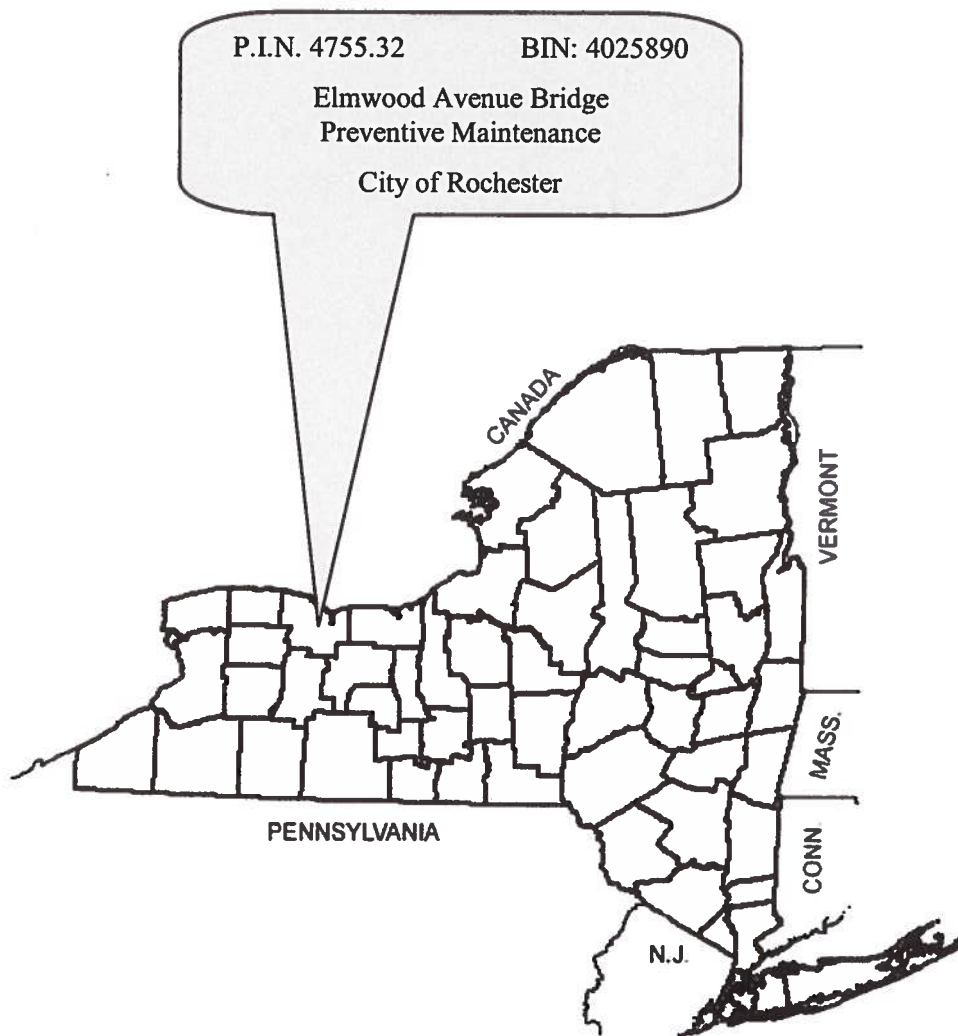


TRANSPORTATION

INITIAL PROJECT PROPOSAL/ FINAL DESIGN REPORT

March 2012



PROJECT NUMBER

U.S. Department of Transportation Federal Highway Administration

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
ANDREW M. CUOMO, Governor JOAN McDONALD, Commissioner



PROJECT APPROVAL SHEET

(Pursuant to SAFETEA-LU Matrix)

Milestones

Signatures

Dates

A. IPP Approval:

The project cost and schedule are consistent with the Regional Capital Program. The IPP was signed by:

See Appendix F for IPP signature

Regional Director, NYSDOT Region 4

B. Recommendation for Scoping & Design Approval:

The project cost and schedule are consistent with the Regional Capital Program.

Environmental Determination & Federal Aid Process Concurrence:

The NYSDOT on behalf of FHWA (based on the NEPA Checklist) concurs with the classification of this project as a NEPA Class II, Programmatic Categorical Exclusion as described in this document.



Dan Hallowell

NYSDOT R4, Regional Planning & Program Manager

4/19/12

C. Recommendation for Scope, Design & Nonstandard Feature Approval:

Procedurally, this project was progressed using the NYSDOT Locally Administered Federal Aid Procedures Manual. All requirements requisite to these actions and approvals have been met, the required independent quality control reviews separate from the functional group reviews have been accomplished, and the work is consistent with established standards, policies, regulations and procedures, except as otherwise noted and explained.



John M. Papponetti, P.E.

Associate | Project Manager
LaBella Associates, P.C.

3/8/12

D. Public Hearing Certification (23 USC 128):

A public hearing was not required. A public information meeting was not conducted.

Nonstandard Feature Approval:

No nonstandard features have been identified, created, or retained.

Scoping & Design Approval:

The required environmental determinations have been made and the preferred alternative for this project is ready for final design.



James McIntosh, P.E.

City Engineer
Department of Environmental Services

3/12/12

ELMWOOD BRIDGE
PIN 475532

LIST OF PREPARERS

Group Director Responsible for Production of the Design Approval Document:

John M. Papponetti, P.E., Associate | Project Manager, LaBella Associates, P.C.
Description of Work Performed by Firm: Directed the preparation of the Design Approval Document in accordance with established standards, policies, regulations and procedures, except as otherwise explained in this document.



Note: It is a violation of law for any person, unless they are acting under the direction of a licensed professional engineer, architect, landscape architect, or land surveyor, to alter an item in any way. If an item bearing the stamp of a licensed professional is altered, the altering engineer, architect, landscape architect, or land surveyor shall stamp the document and include the notation "altered by" followed by their signature, the date of such alteration, and a specific description of the alteration.

PIN: 4755.32

PROJECT NAME: Elmwood Avenue Bridge Preventive Maintenance

MUNICIPALITY: City of Rochester

COUNTY: Monroe

ROUTE/SH #: NA

BIN: 4025890

LIMITS: **Milepoints:** NA
 Reference Markers: NA

PROJECT LENGTH: NA

FEDERAL AID SYSTEM: Non-NHS

FUNCTIONAL CLASS: Urban-Minor Arterial

EXISTING AADT: 25318 (from 2006 count)

TRUCKS (%): 5%

EXISTING CHARACTERISTICS OF CONCERN: The existing bridge deck is in fair condition. While the overall condition rating of the deck is 5, it exhibits a substantial amount of cracking and hairline fractures. A large percentage of deck repairs initiated 10 years ago are failing at the cold joint interface. Spalling, while localized to the expansion joints, is expanding and numerous deck patches are delaminating. The concrete wearing surface is worn, exposing aggregate from the concrete mix. Street lighting is located on the inside of the railing system and is subjected to impact damage by snow removal equipment and the general traveling public. Sections of bridge curb are separating from the sidewalk. Joint seals have failed allowing salt-laden runoff to leak onto the abutments, pier seats, and structural steel.

ELEMENT

BIN 4025890

MEASURE/INDICATOR

Condition Rating is 5.222; Sufficiency Rating is 53.0

- Approach Pavement: 4
- Wearing Surface: 5
- Deck: 5
- Curbs: 6
- Scuppers: 5
- Joints: 5
- Lighting: 4

Refer to Appendix D for copies of the 2010 NYSDOT Biennial Inspection Report.

PROJECT OBJECTIVE(S): This project will complete element specific bridge repairs to keep the City's critical infrastructure in good working order. The existing deck was built in 1986. The proposed repairs will extend the functional life of the structure approximately 20-25 years. This project also maintains and enhances accessibility to businesses and institutions, notably the University of Rochester (the region's largest employer), and is a emergency access route to the Strong Memorial Hospital. In addition, moving the bridge lighting system outside the bridge rail will increase safety for bicyclists and pedestrians. Dedicated bicycle lanes will also be evaluated for inclusion in the project.

PROJECT ELEMENT(S) TO BE ADDRESSED:

- | | |
|---|--|
| <input type="checkbox"/> Highway Element-Specific | <input type="checkbox"/> Operational Maintenance |
| <input checked="" type="checkbox"/> Bridge Element-Specific | <input type="checkbox"/> Where & When |
| <input type="checkbox"/> Other: | |

DESCRIPTION OF PROPOSED WORK: The work to be undertaken through this project is as follows:

- Scarify existing bridge deck
- Concrete deck repairs
- Place Concrete deck overlay
- Replace sections of failed bridge curb
- Replace existing joint systems
- Relocate existing bridge lighting system to outside face of bridge railing
- Bridge washing & Scupper flushing

Bridge Washing Clarification:

The Genesee River is a Class B stream at the Elmwood Avenue bridge location. A Class B stream is best used for swimming and other contact recreation, but not for drinking water. The City performs bridge washing operations on all City owned bridges over the Genesee River on a yearly basis. This effort has been coordinated with NYSDEC in the past and as long as the Environmental Waterway Protection specification is enforced, the only requirement received from DEC is that bridge washing should be performed during times of high flow.

Approach Slab Deterioration Repair Clarification:

The existing broken and spalled concrete located at the end approach slab will be repair under the joint system replacement task. The deterioration is within the concrete header of the joint system.

Pier 4 Stem Deterioration Repair Clarification:

This repair is being addressed through the City of Rochester's Bridge Maintenance Program and will not be included in the scope of work for this project.

Deck Wearing Surface Repair Clarification:

Based on a visual inspection of the deck wearing surface at the Elmwood Avenue Bridge, we disagree with the wearing surface rating (5) given in the most recent bridge inspection report. See Appendix D for photo documentation. This element should have a rating of 4. When rating a concrete wearing surface a 5 indicates the beginning of a spalling problem with no more than two or three isolated, moderate spalls or delaminations. There may be only scattered tight cracks and moderate surface wear with good riding quality. A rating of 3 indicates a more serious spalling and delamination problem with about 25% of one lane affected and poor riding quality. A wearing surface with no cracks or spalls but with well worn and polished aggregate could also be rated a 3. Based on our observations, we feel the wearing surface rating should be a 4. There is not a serious spalling or delamination problem, but the deck is scattered with cracks and the riding quality is fair. The City attempted to seal the deck 2 years ago and it took approximately 12 hours for the sealer to penetrate the deck and dry. A good portion of the deck is showing well worn and polished aggregate which we are attributing to the issue with the prolonged sealer penetration and drying. The project has been scoped based on a worst case scenario fix (e.g. scarification and overlay). Other alternative wearing surface treatments will be evaluated during preliminary design based on results of deck evaluation per the NYSDOT Bridge Deck Evaluation Manual.

PRIORITY RESULTS: ☒ Mobility & Reliability ☐ Safety ☐ Security
 ☐ Economic Competitiveness ☐ Environmental Stewardship

FUNDING SOURCE: ☐ 100% State ☒ Federal

SEQRA AND NEPA CLASSIFICATION:

SEQRA Type: ☐ Exempt ☒ Type II

NEPA Class: ☒ Class II - Automatic CE
 ☐ Class II - Programmatic CE
 ☐ N/A – Project is 100% State funded

The following Checklist(s) are attached in Appendix E:

- ☒ NEPA Checklist
- ☒ Environmental Checklist
- ☒ Section 106 Project Submittal Package

ENVIRONMENTAL DOCUMENTATION:

Archeological Resources – The project is located within an Archeological Sensitive Area. However, the project will have no effect on these resources due to the fact that the project only consists of element specific repairs to previously disturbed areas. A Section 106 Project Submittal Package was sent to the NYSDOT Region 4 Cultural Resource Officer for a determination of effect. NYSDOT has determined that the project activities have no potential to cause effects on historic properties in accordance with 36 CFR 800.3(a)(1) therefore, there are no further obligations for compliance with Section 106 of the National Historic Preservation Act.

Floodplains – The project is located within a FEMA designated 100-yr floodplain. The project will have no effect on the existing floodplain since no modifications are being undertaken to the existing hydraulic characteristics of the bridge.

Permitting – Typically for element specific repair projects that does not involve in-stream work, NYSDEC and USACOE has no jurisdiction. A letter seeking concurrence to this assumption will be sent during the preliminary design phase of the project.

See section "Description of Proposed Work" – Bridge Washing Clarification for additional NYSDEC coordination requirements.

Endangered or Threatened Species – The Bog Turtle is a threatened species known to be found in the Town of Riga (outside of project limits). The American Burying Beetle is an endangered animal known to be found in the Rochester area at one time. Based on available NYSDEC documents, the American Beetle is known to exist in only two locations, Block Island, RI and Eastern Oklahoma. This project does not propose any activities that would impose a negative impact on endangered or threatened species.

Refer to Appendix E for supplemental documentation for the above environmental concerns.

DESIGN STANDARDS:

Guidance on establishing standards for this Bridge Preventive Maintenance Project will be obtained from the NYSDOT Bridge Manual and Highway Design Manual.

Table A Critical Design Elements for Elmwood Avenue Bridge			
PIN:	4755.32	NHS (Y/N):	No
Route No. & Name:	Elmwood Avenue	Functional Classification:	Minor Arterial
Project Type:	Preventive Maintenance	Design Classification:	Urban-Minor Arterial (HDM Exhibit 2-1)
% Trucks:	5	Terrain:	Level
ADT:	25318	Truck Access/Qualifying Hwy.	Neither
Element	Standard	Existing Condition	Proposed Condition
1 Design Speed ¹	30 mph IIDM Section 2.7.4.1.A	30 mph (Posted)	30 mph
2 Lane Width	9 ft minimum Bridge Manual (BM) Section 2.3.1 Table 2-1 and App. 2A. Tables N & X or IIDM Section 2.7.4.1.B, Exhibit 2-7	4 lanes @ 11 ft 1 lane @ 10 ft	4 lanes @ 11 ft 1 lane @ 10 ft
3 Shoulder Width	2 ft minimum, BM Section 2.3.1 Table 2-1, and App. 2A Tables N & X or IIDM Section 2.7.4.1.C, Exhibit 2-7	2 ft	2 ft
4 Bridge Roadway Width	2(9) + 2(2) = 22 ft Min. BM Section 2.3.1 Table 2-1 and App. 2A Tables N & X	58 ft	58 ft
5 Maximum Grade	7% IIDM Section 2.7.4.1.E, Exhibit 2-7	2% max.	2% max.
6 Horizontal Curvature	231 ft (e = 6.0%) IIDM Section 2.7.4.1.F, Exhibit 2-7	NA	NA
7 Superelevation	6% Maximum IIDM Section 2.7.4.1.G	NA	NA
8 Stopping Sight Distance	200 ft Minimum IIDM Section 2.7.4.1.H, Exhibit 2-7	200 ft min.	200 ft min.
9 Horizontal Clearance	6 ft without barrier; with barrier use greater of shoulder width or 4 ft, except on bridges where the NYSDOT BM Section 2 allows less HDM Section 2.7.4.1.I	2 ft	2 ft
10 Vertical Clearance	14 ft Minimum, Highway 14'-6" Desirable, Highway 16'-6" Minimum for Thru-Truss BM Section 2.4.1 Table 2-2	NA	NA
11 Pavement Cross Slope	1.5% Min. to 2% Max. IIDM Section 2.7.4.1.K	2%	2%
12 Rollover	4% between lanes; 8% at EOT; IIDM Section 2.7.4.1.L	4%	4%
13 Structural Capacity	Bridge Rehabilitation: HS 20 Live Load HDM Section 2.7.4.1.M & BM Section 2.6.1	HS 20	HS 20
14 Level of Service	NA	NA	NA
15 Control of Access	NA	NA	NA
16 Pedestrian Accommodations	Complies with IIDM Chapter 18	NA	NA
17 Median Width	NA	NA	NA
(1) The design speed of 30 mph was chosen based upon the posted speed limit, type of terrain, volume, and road classification.			
(2) **Denotes non-standard feature.			

Non-Standard/Non-Conforming Features – There are no nonstandard or nonconforming features within the project limits.

PLANS:

See Appendix B for applicable plans, elevations, and sections.

MPO INVOLVEMENT: ☐ No ☒ Yes
TIP Name: Elmwood Avenue Bridge Preventive Maintenance
TIP No.: B11-21-MN1

TIP AMENDMENT REQUIRED: ☒ No ☐ Yes Needed by:

STIP STATUS:☒ On STIP☐ Not on STIP**NOTES ON SPECIAL CIRCUMSTANCES: NA****SPECIAL TECHNICAL ACTIVITIES REQUIRED: NA****PLANNED PUBLIC INVOLVEMENT:**

The nature of the project is Element Specific Bridge Maintenance therefore; input from residents during preliminary and final design is not being solicited. Coordination with Utility companies within the project area will be completed in final design as needed. During construction, press releases and other media alerts will be used to increase public awareness. Motorist information strategies will include daily updates to traffic through the radio, and temporary motorist information signs.

WORKZONE SAFETY & MOBILITY:

The Region has determined that the subject project is not significant per 23 CFR 630.1010. A Transportation Management Plan (TMP) consisting of a temporary work zone traffic control plan will be prepared during final design. Coordination with the Regional Transportation Operations Center and public information activities will be considered during final design.

PROBABLE SCHEDULE AND COST:**DESIRED LETTING:** November 2013**SCHEDULE ISSUES:**☐

Public Meeting

☐

4(f)/106 FHWA sign-off

☐

Permits

☐

Other - Identify

☐

Consultant(s) for:

☐

No Consultant Needed

Project Phase	Activity Duration	Estimated Cost	Fund Source	Obligation Date
Design	12 months	\$89,000	HBP (80%) Local (20%)	FFY 2012
Construction	6 months	\$943,000	HBP (80%) Local (20%)	FFY 2014
Construction Inspection	6 months	\$94,000	HBP (80%) Local (20%)	FFY 2014
TOTAL		\$1,126,000		

BASIS OF ESTIMATE: Design Phase Estimates are based on the Consultant's past experience with similar types of projects. Construction Estimate is based on past bid results for similar construction tasks.

PROGRAM DISPOSITION: Scheduled for letting in November 2013**PROJECT CATEGORY:**☒

Maintenance

STATEWIDE SIGNIFICANCE:☒

No

ASSET MANAGEMENT (OPTIONAL):☐

Applies

☒

Not Applicable

ROW:

No ROW is required to complete the scope of work for this project. The ROW Clearance Certificate will be attached to the PS&E transmittal memo.

PUBLIC FRIENDLY DESCRIPTION OF PROJECT:

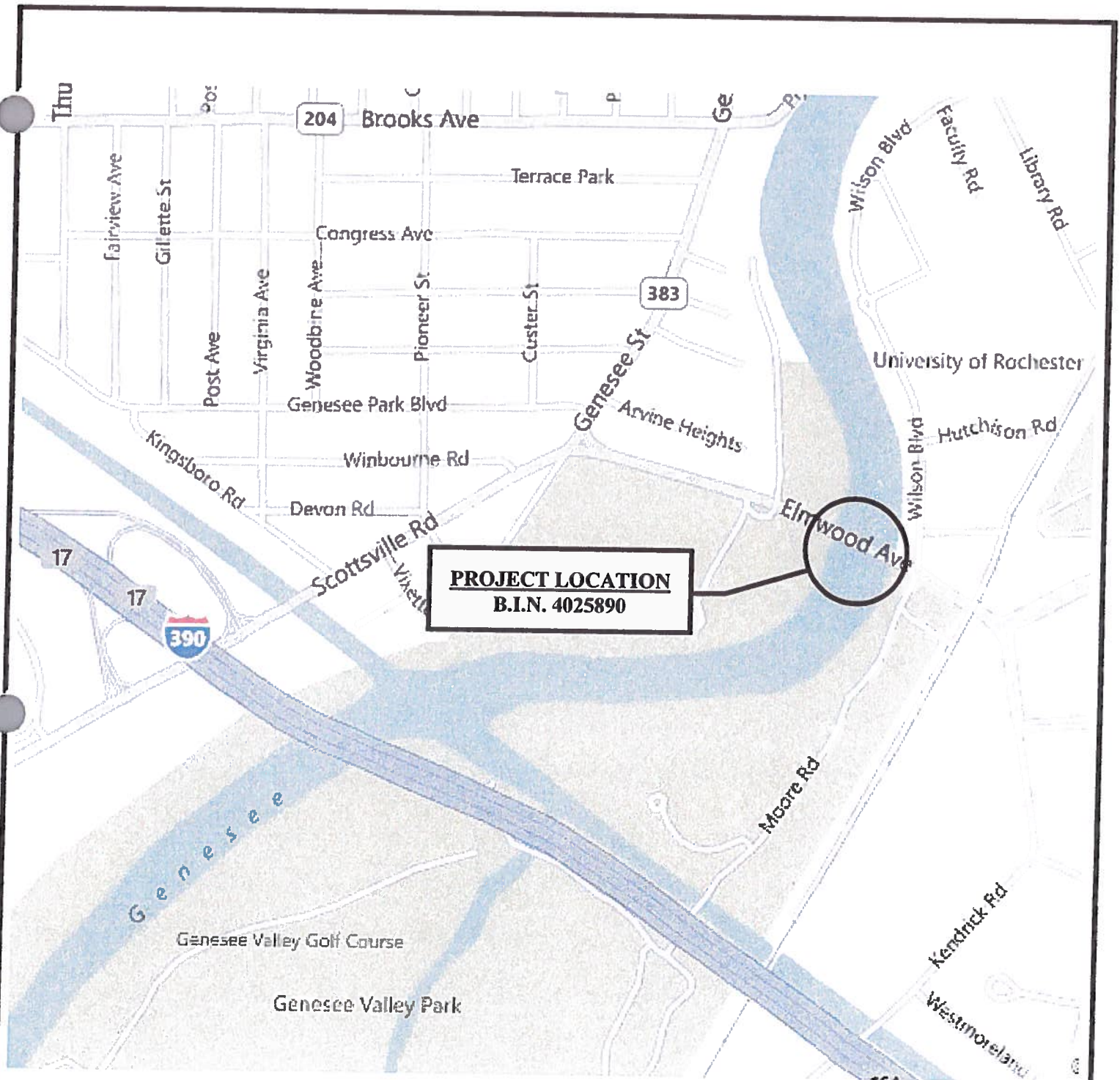
The project consists of completing element specific repairs to the Elmwood Avenue Bridge over Genesee River.

PROJECT MANAGER/JOB MANAGER: Thomas Hack, P.E.
FUNCTIONAL AREA(S): City of Rochester Department of Environmental Services
PHONE(S): 585-428-6852

ORIGINAL IPP PREPARED BY: Edwin Welsh
NYSDOT – Region 4
DATE: February 23, 2011

APPENDIX A

Location Maps



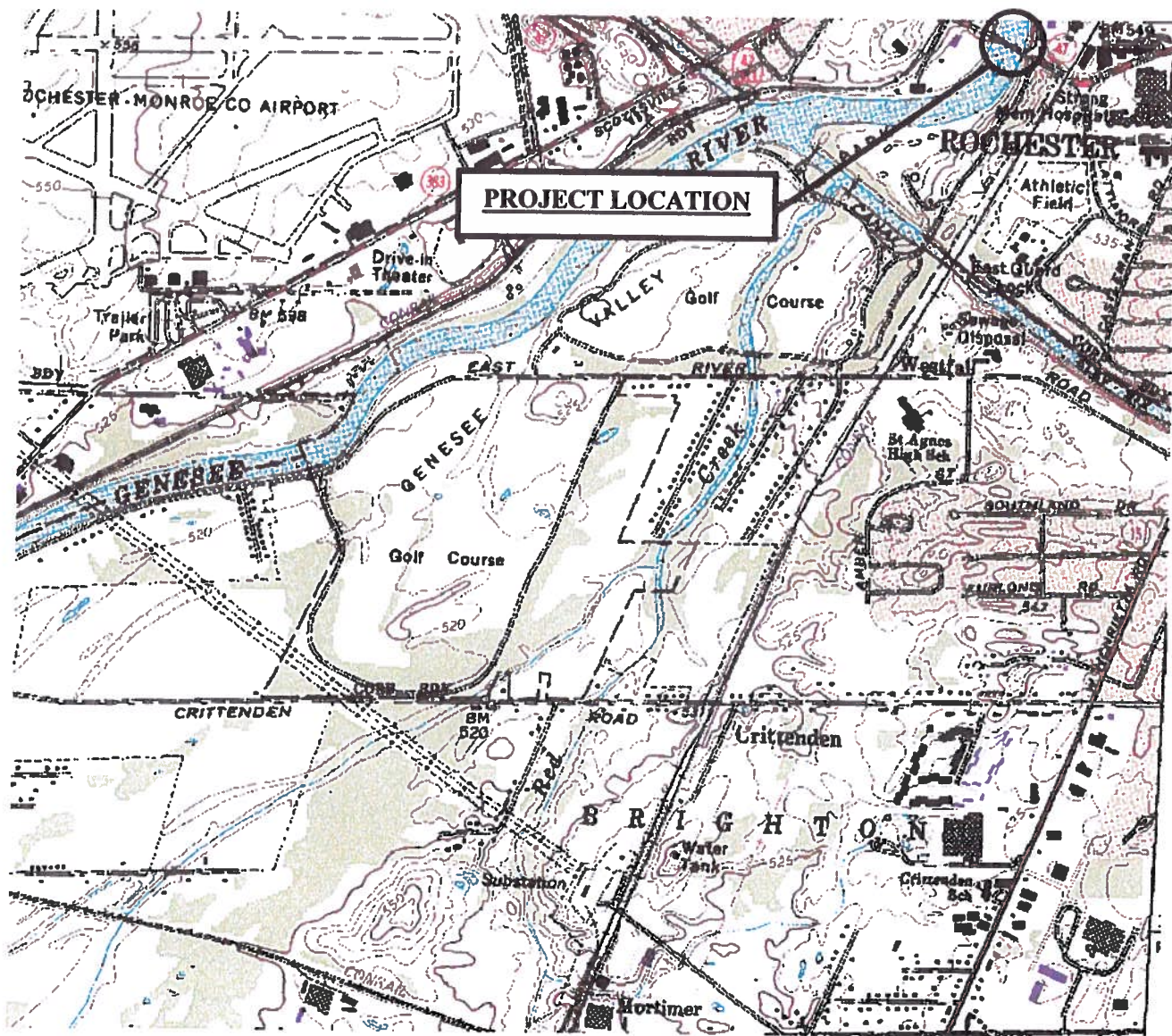
PROJECT LOCATION MAP

**Elmwood Avenue Bridge
over Genesee River
(BIN 4025890)**

**City of Rochester
Monroe County, New York**

LABELLA
Associates, P.C.

PROJECT NO.: 207650.04



USGS LOCATION MAP

Elmwood Avenue Bridge over Genesee River
(BIN 4025890)

USGS Quadrangle Map: West Henrietta

City of Rochester
Monroe County, New York

ABELLA
Associates, P.C.

PROJECT NO.: 207650.04

APPENDIX B

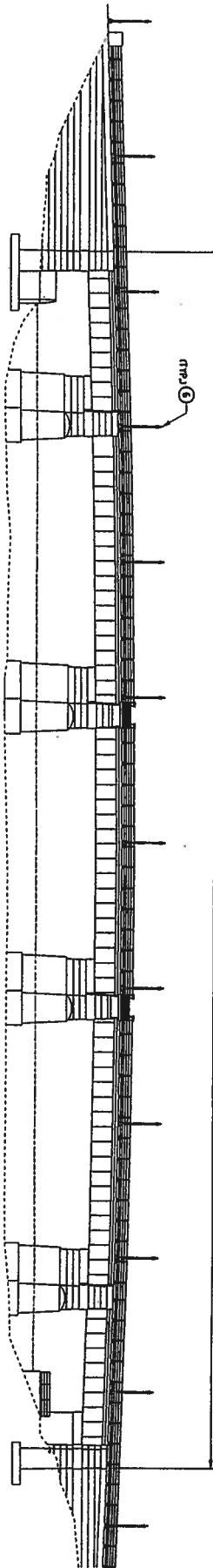
Plan, Elevation & Sections



SCALE: 1/4" = 1'-0"

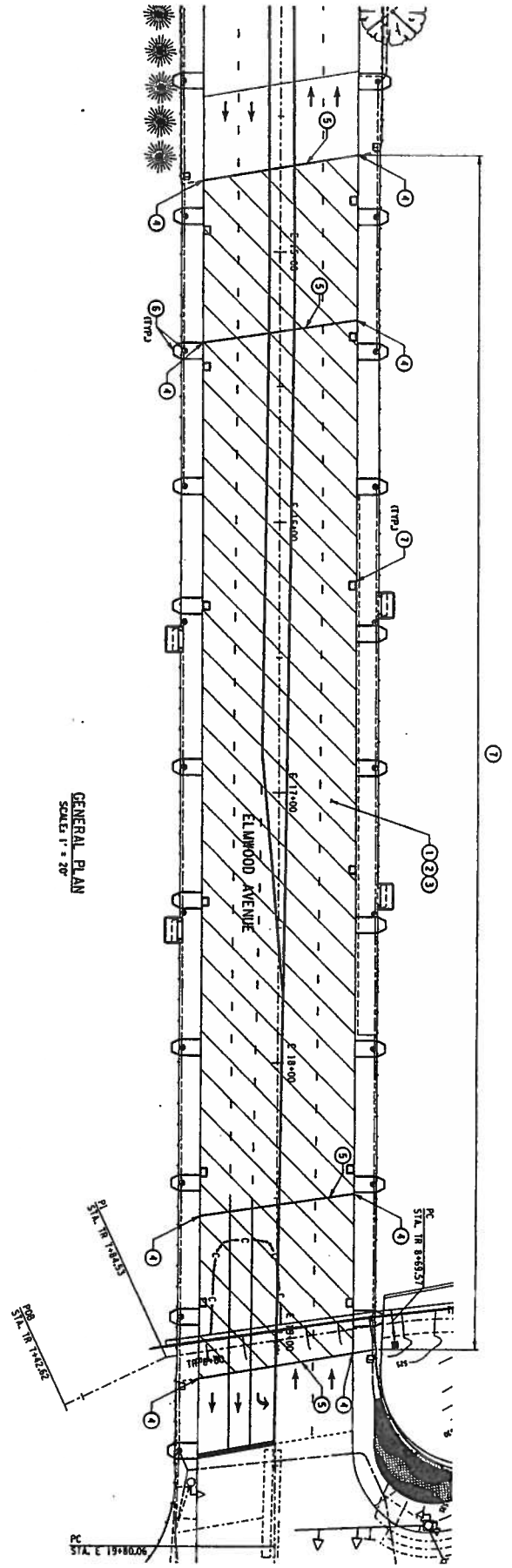


SCALE: $\frac{1}{4}'' = 1'-0''$



ELEVATION
SCALE 1" = 20'

00000



GENERAL PLAN
SCALE 1" = 20'

- DESCRIPTION OF WORK:**
- ① SCABBY EXISTING BRIDGE DECK
 - ② CONCRETE DECK REPAIRS, AS NECESSARY
 - ③ PLACE CONCRETE DECK OVERLAY
 - ④ REPLACE BRIDGE CARG AT JOINTS
 - ⑤ REPLACE EXISTING JOINT SYSTEMS
 - ⑥ RELOCATE EXISTING BRIDGE LIGHTING SYSTEM TO OUTSIDE FACE OF BRIDGE PILING
 - ⑦ BRIDGE WASHING & SCUPPER FLUSHING

<p>S-1</p>	<p>ELMWOOD AVENUE PLAN AND ELEVATION</p> <p>IPPP/FDR FEBRUARY 2012</p>	<p>ELMWOOD AVENUE BRIDGE PREVENTATIVE MAINTENANCE</p> <p>CITY OF ROCHESTER DEPARTMENT OF ENVIRONMENTAL SERVICES</p>	<p>LABELLA Associates, P.C.</p> <p>300 STATE STREET ROCHESTER, NY 14614 P: (585) 454-8110 F: (585) 454-3008 www.labellassoc.com</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td></tr> </tbody> </table>	NO.	REVISION	BY	DATE	1				2				3				4				5				6			
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APPENDIX C

Construction Estimate Backup

ELMWOOD AVENUE BRIDGE OVER GENESEE RIVER
PREVENTIVE BRIDGE MAINTENANCE
CITY OF ROCHESTER
BIN 4025890

LABELLA ASSOCIATES
300 STATE STREET
ROCHESTER, NY 14614

Engineer's Estimate of Probable Cost

Date: 2/13/2012

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	UNIT PRICE	EST. QUANTITY	TOTAL COST
557.30	SIDEWALKS AND SAFETY WALKS	SY	\$100.00	150	\$15,000
558.02	LONGITUDINAL SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE	SY	\$15.00	3000	\$45,000
559.16960118	PROTECTIVE SEALING OF STRUCTURAL CONCRETE	SF	\$1.00	11500	\$11,500
559.18960118	PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE DECKS & BRIDGE DECK OVERLAYS	SF	\$1.00	28500	\$28,500
567.60	ARMORLESS BRIDGE JOINT SYSTEM	FT	\$225.00	310	\$69,750
579.01	STRUCTURAL SLAB SCARIFICATION	SF	\$2.50	27000	\$67,500
580.01	REMOVAL OF STRUCTURAL CONCRETE	CY	\$1,500.00	20	\$30,000
582.06	REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE	SF	\$100.00	3500	\$350,000
584.3103	OVERLAY CONCRETE, CLASS DP - TYPE 3 FRICTION	SY	\$15.00	3000	\$45,000
609.0302	GRANITE BRIDGE CURB - TYPE F1	FT	\$40.00	80	\$3,200
609.15	RESETTING EXISTING CURB	FT	\$35.00	200	\$7,000
619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	\$30,000.00	1	\$30,000
625.01	SURVEY AND STAKEOUT	LS	\$7,500.00	1	\$7,500
641.3300052	MAINTENANCE CLEANING AND WASHING OF BRIDGES, NO LEAD BASED PAINT	EA	\$15,000.00	1	\$15,000
670.2606	RIGID PLASTIC CONDUIT	FT	\$5.00	800	\$4,000
670.7002	SINGLE CONDUCTOR CABLE NO. 12 GAGE	FT	\$1.50	2000	\$3,000
670.7004	SINGLE CONDUCTOR CABLE NO. 6 GAGE	FT	\$2.00	1000	\$2,000
670.90	RELOCATE LAMPPOST ASSEMBLY	EA	\$1,000.00	20	\$20,000
685.11	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES (20 MILS)	FT	\$0.50	1000	\$500
685.12	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES (20 MILS)	FT	\$0.50	2000	\$1,000
699.040001	MOBILIZATION	LS	\$30,218.00	1	\$30,218

TOTAL ESTIMATED BASE CONSTRUCTION COST

\$785,668

20% CONTINGENCY

\$157,134

TOTAL ESTIMATED CONSTRUCTION COST

\$943,000

APPENDIX D

Inspection Reports

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Bridge Ratings

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Inspection Agency: 13 - Consultant

Type of Inspection: 1 - BIENNIAL

GTMS: 403 -- Steel Continuous - Girder and Floorbeam System

POSTINGS: See Gen Rec Page 1 for Postings at time of inspection.

Further Investigation Needed: No

State Highway Number: 000000

Milepoint: 0.31

AADT/Yr: 23212 / 2002

Orientation: 4 - Southeast

Political Unit: 2048 - City of ROCHESTER

Year Built: 1934

Total Spans: 5

Ramp Bridge Attached To Span: NA BIN: NA

General Recommendation: 5

Computed Condition Rating: 5.222

Abutment Ratings:

	Beg Abut	End Abut
Joint with Deck	6	6
Bearings, Bolts, Pads	7	7
Seats and Pedestals	7	7
Backwall	5	5
Stem (Breastwall)	5	5
Erosion or Scour	7	6
Footings	9	9
Piles	8	8
Recommendation	5	5

Wingwall Ratings:

	Beg Abut	End Abut
Walls	5	5
Footings	9	9
Erosion or Scour	7	7
Piles	8	8

Channel Ratings:

	Channel
Stream Alignment	6
Erosion and Scour	6
Waterway Opening	5
Bank Protection	8

Approach Ratings:

	Approaches
Drainage	7
Embankment	6
Settlement	4
Erosion	6
Pavement	4
Guide Railing	6

Number of Flags Issued:

RED: 0 Yellow: 0 Safety: 1

Vulnerability Reviews Recommended: 1=Yes, 2=No, 3=NA, X=NotActive

Hydraulic: 2 Overload: X Steel: X
Collision: X Concrete: X Seismic: X

Inspector's Signature:

CheckValue: 1,764,636,830

Date: 8/16/2010

Andrew P. Thompson, PE () (Inspector ID:4110056)

**Signed copy of this inspection report is available
in the appropriate NYSDOT Regional Office**

Reviewed By:

Date: 9/8/2010

Michael J. Peters, PE () (QC ID:4110051)

**Signed copy of this inspection report is available
in the appropriate NYSDOT Regional Office**

Inspection Date: 8/16/2010**RC: 43 BIN: 4025890****Span Ratings****Carried: ELMWOOD AVENUE****Crossed: GENESEE RIVER****CheckValue: 1,764,636,830**

Deck Element Ratings:	001	002	003	004	005
Wearing Surface	5	5	5	5	5
Curbs	6	6	6	6	6
Sidewalks, Fascias	5	5	5	5	5
Railings, Parapets	6	6	6	6	6
Scuppers	5	4	5	5	5
Gratings	8	8	8	8	8
Median	8	8	8	8	8
Mono Deck Surface	5	5	5	5	5

Superstructure Ratings:	001	002	003	004	005
Structural Deck	5	5	5	5	5
Primary Members	5	5	5	5	5
Secondary Members	6	6	6	6	6
Paint	5	6	5	5	5
Joints	6	8	8	5	8
Recommendation	5	5	5	5	5

Pier Ratings:	001	002	003	004	005
Bearings, Bolts, Pads	7	7	7	7	8
Pedestals	7	7	7	7	8
Top of Cap or Beam	6	6	6	6	8
Stem Solid Pier	5	5	5	4	8
Cap Beam	8	8	8	8	8
Pier Columns	8	8	8	8	8
Footings	9	9	5	5	8
Erosion or Scour	6	6	5	5	8
Piles	8	8	8	8	8
Recommendation	5	5	5	5	8

Utility Ratings:	001	002	003	004	005
Lighting	4	6	6	4	4
Sign Structure	8	8	8	8	8
Utilities and Support	4	4	5	5	4

Field Notes:

Field Date	Arrival	Departure	Temp (C)	Temp (F)	Weather Conditions
8/16/2010	7:30:00 AM	4:30:00 PM		75	sunny

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Inspection Notes

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Note ID: 411040258900004

Approaches: Settlement -- Rated 4, Was 6

Referenced Photos: "1"

There is 1 3/8 inch settlement of the end right approach sidewalk at the interface with the bridge deck sidewalk at the joint. The remainder of this item would rate 5.

Safety Flag No. 41100029 was issued for the end right approach sidewalk settlement condition.

Note ID: 411040258900003

Approaches: Pavement -- Rated 4, Was 5

Referenced Photos: "2"

The begin concrete approach slab left of the centerline has a 3 ft long by 1 ft wide section of broken and spalled concrete with 2 joint anchor lugs exposed along the interface of the approach slab with the joint. The remainder of this item would rate "5".

Note ID: 411040258900000

Span 001 -- Deck Elements: Scuppers -- Rated 5, Was 2

Span 002 -- Deck Elements: Scuppers -- Rated 4, Was 3

Span 003 -- Deck Elements: Scuppers -- Rated 5, Was 2

Span 004 -- Deck Elements: Scuppers -- Rated 5, Was 2

Span 005 -- Deck Elements: Scuppers -- Rated 5, Was 2

Referenced Photos: "5"

The Span 2 right side scupper is partially clogged with road debris and rates 4. All of the other scuppers on the bridge have been cleaned and are functioning and rate 5.

Note ID: 411040258900005

Span 001 -- Utilities: Lighting -- Rated 4, Was 4

Span 003 -- Utilities: Lighting -- Rated 6, Was 4

Span 004 -- Utilities: Lighting -- Rated 4, Was 4

Span 005 -- Utilities: Lighting -- Rated 4, Was 6

Referenced Photos: "3", "8"

Five light poles on the bridge have the decorative base covering broken as follows:

span 1 - 1 pole left side;

span 4 - 2 poles right side; and

span 5 - 1 pole on each left & right sides.

The pole structural portion is in good shape.

The previously broken pole bases have been repaired and the remaining poles are all rated "5" or higher.

Note ID: 411040258900002

Span 001 -- Utilities: Utilities and Support -- Rated 4, Was 4

Span 002 -- Utilities: Utilities and Support -- Rated 4, Was 4

Span 004 -- Utilities: Utilities and Support -- Rated 5, Was 4

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Inspection Notes

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Note ID: 411040258900002 - continued

Span 005 -- Utilities: Utilities and Support -- Rated 4, Was 4

Referenced Photos: "4", "6"

Span 1

The bottom left conduit in bay 1 is missing protective coating at the begin abutment (Photo 4).
Rollers supporting the 18" natural gas pipeline casing are missing from supports 1, 2 & 3.
Remainder of utilities are in 5-condition.

Span 2

Rollers supporting the 18" natural gas pipeline casing are missing from supports 4, 5 & 6 (Photo 6).

Remainder of utilities are in 5-condition.

Span 4

The missing supports noted in the previous inspection appear to have been repaired or were in error. Rating changed from 4 to 5.

Span 5

Rollers supporting the 18" natural gas pipeline casing are missing from the last 3 supports.
Remainder of utilities are in 5-condition.

Note ID: 411040258900008

Span 004 -- Pier: Stem Solid Pier -- Rated 4, Was 5

Referenced Photos: "7"

There is a 10 ft long by 2 1/2 ft max height by 8 inch max depth spall near left end of the begin face at the water level. Also, there is a 2 ft long by 1 ft max height by 4 inch max depth spall near left end of the end face at the water level.

The remainder of this item would rate "5".

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Inspection Photos in Photo Number Order

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

**End Right Approach
Sidewalk**

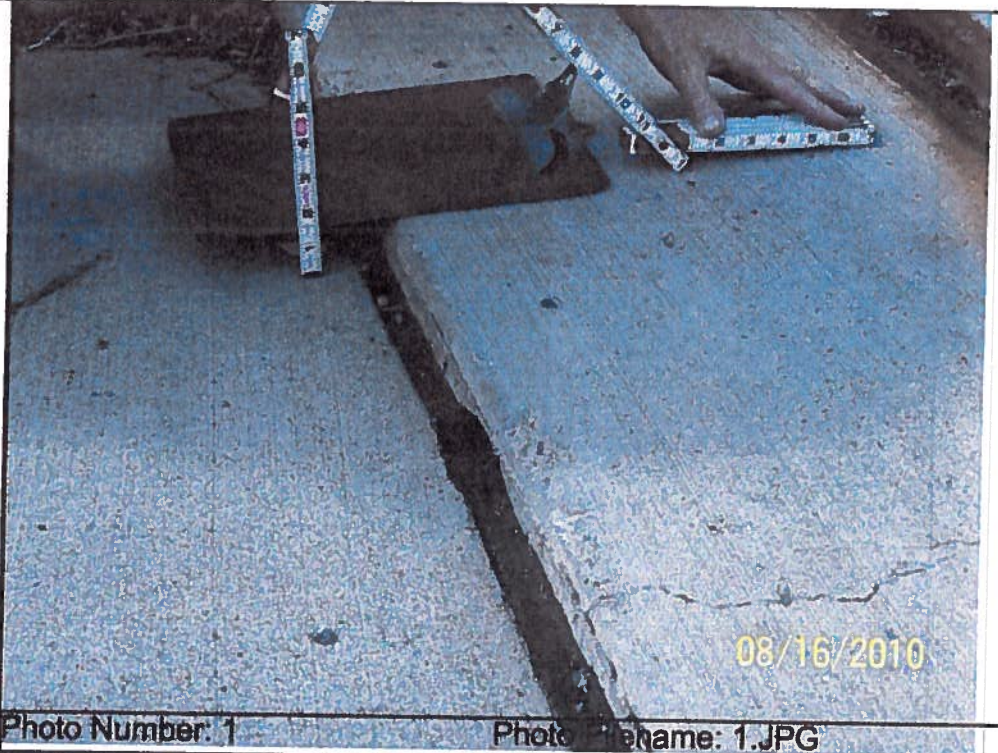


Photo Number: 1

Photo Filename: 1.JPG

**Begin Approach
Pavement**



Photo Number: 2

Photo Filename: 2.JPG

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Inspection Photos in Photo Number Order

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Span 5 Right Side Light Pole



Photo Number: 3

Photo Filename: 3.JPG

Utility Span 1 Bay 1



Photo Number: 4

Photo Filename: 4.JPG

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

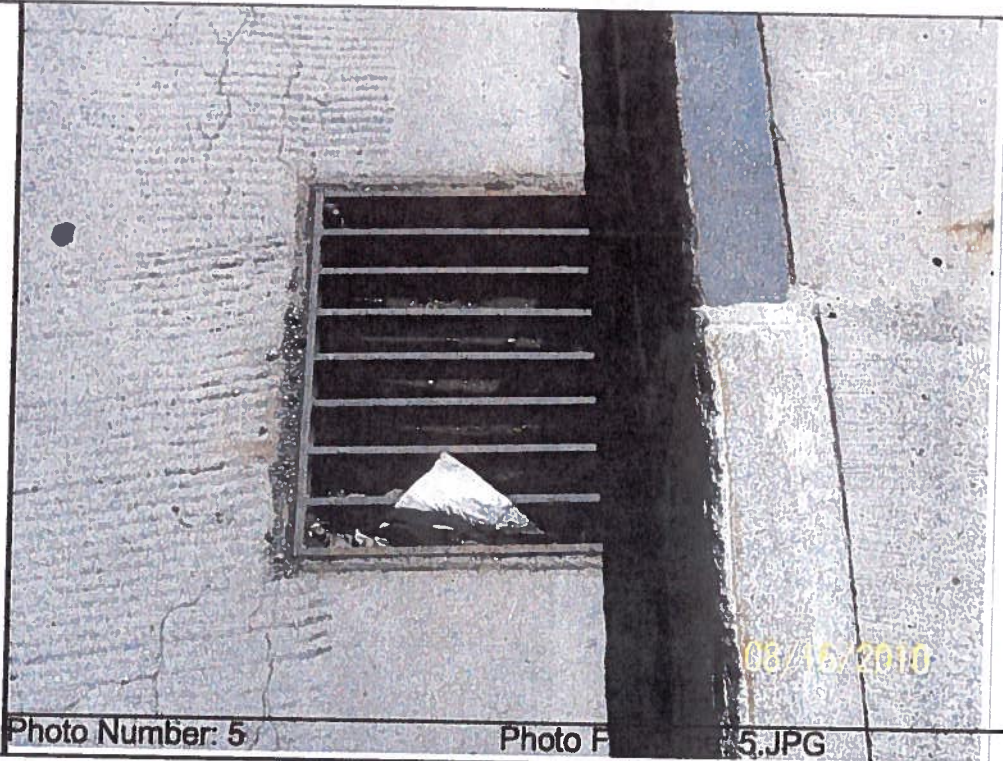
Inspection Photos in Photo Number Order

Carried: ELMWOOD AVENUE

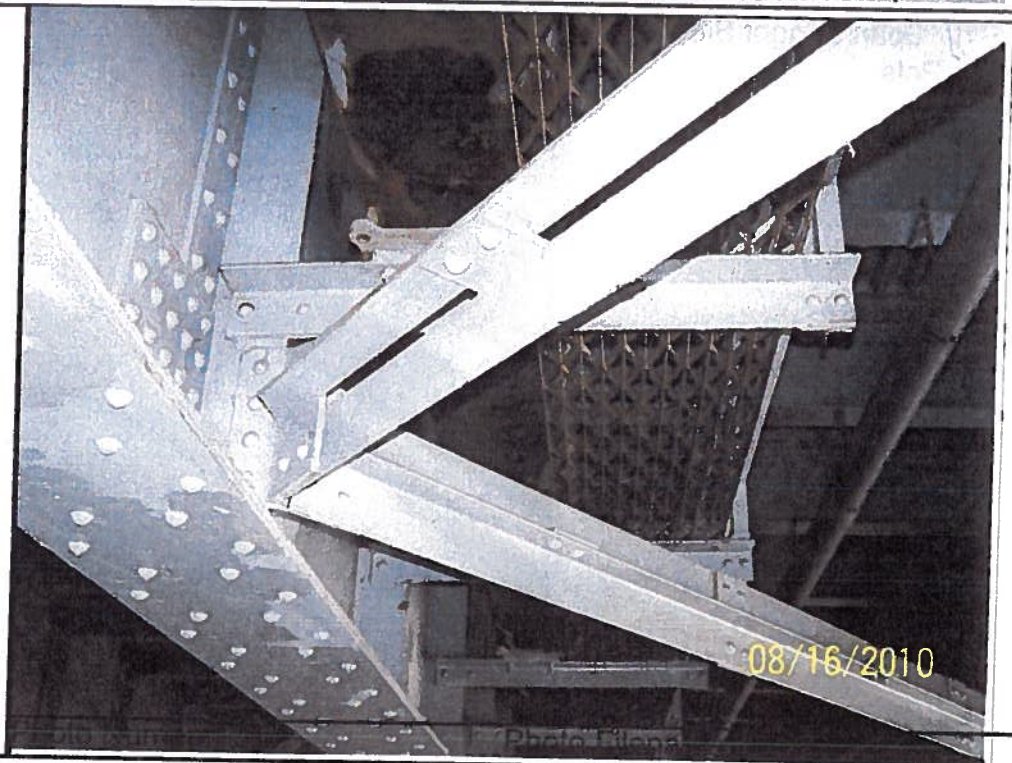
Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

**Span 2 Right Side
Scupper**



**Span 2 Bay 4 Utility
(Typ. Spans 1 and 5)**



Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Inspection Photos in Photo Number Order

Carried: ELMWOOD AVENUE

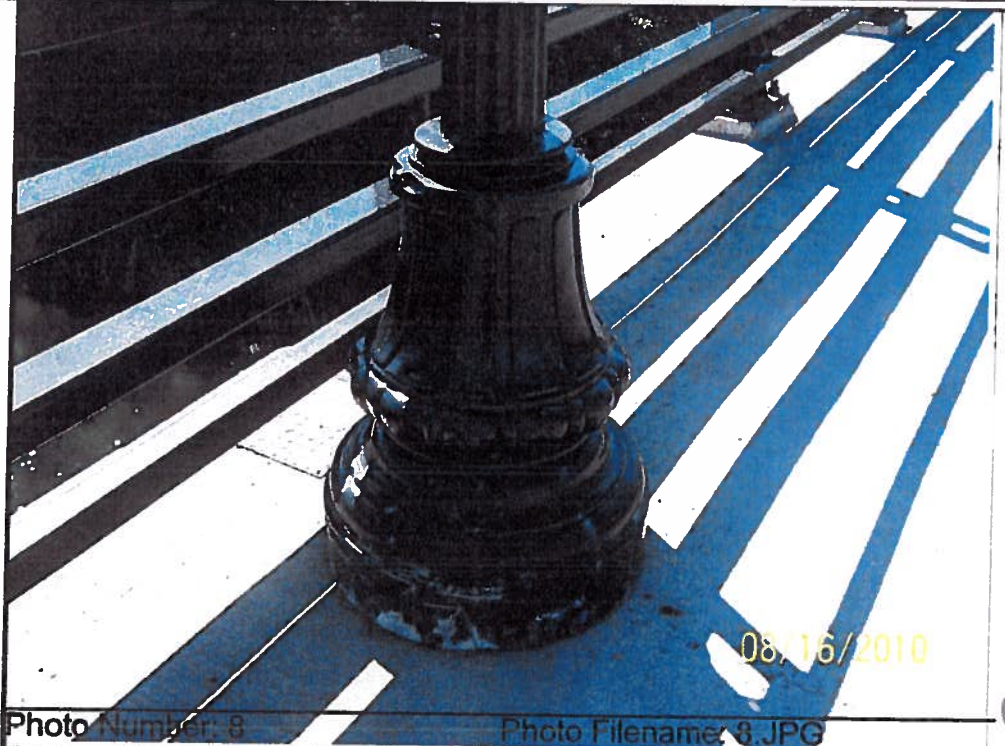
Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

**Pier 4 Left Side Begin
Face**



**Span 3 Right Side Light
Pole**



Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Inspection Sketches in Sketch SysID Order

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Sketch ID: 411040258900000

Sketch Filename: Photo_plan.10

General Sketch for Bridge

Referenced Photos:

Photo Location Plan

PHOTO LOCATION PLAN

NYSDOT BRIDGE INSPECTION REPORT

SHEET

OF

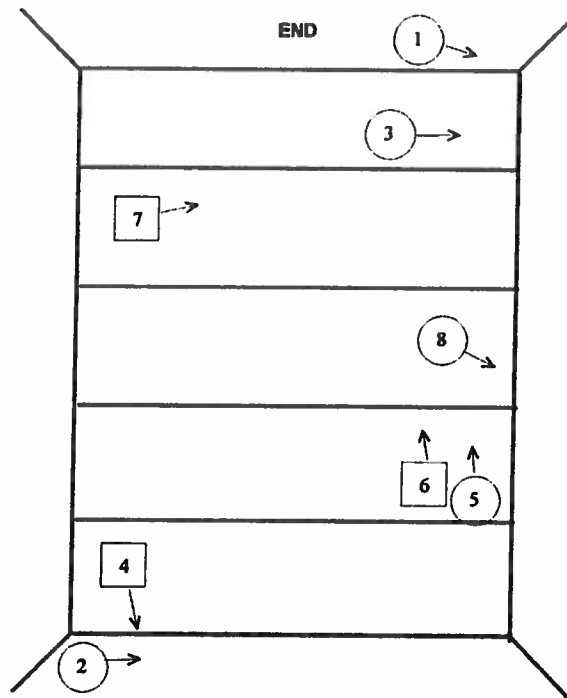
Insp. Date: 08/16/2010

BIN: 4025890



NORTH

FLOW
←



LEGEND

○ → PHOTOS TAKEN ABOVE DECK

□ → PHOTOS TAKEN BELOW DECK

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Gen. Rec., Postings, Federal Ratings, etc.

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Overall Condition:

GENERAL RECOMMENDATION: 5

Computed Condition Rating: 5.222

Problems Requiring Action:

NO Further Investigation Needed

SAFETY Flag(s) Issued

POSTINGS:

Inspector Confirmed existing Posting data as correct.

Posted Vertical Clearance ON the bridge is: No Posting

Posted Vertical Clearance UNDER the bridge is: No Posting

No Load Restriction is posted on this bridge

Overloads Observed:

NO Overload Vehicles were observed on this bridge

FEDERAL RATINGS:

NBI Deck Condition: 5

NBI Superstruct Condition: 6

NBI Substruct Condition: 5

NBI Channel Condition: 8

NBI Culvert Condition: N

Diving Inspection Needs:

Diving Inspection Required? YES

Date of Last Diving Inspection: 2007

Inventory Problems:

Inventory Problems Exist? No

Miscellaneous:

Time Required to Inspect Bridge: 9 Hours

Lane Closure Needs: None Required

No Railroad Flagging Required

No Pedestrian Fence

No Snow Fence

The BIN Plate is MISSING

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Gen. Rec., Postings, Federal Ratings, etc.

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Special Emphasis Inspection Required:

Non-Redundant/Fracture Critical Members - No

Pin and Hangers - No

Fatigue-Prone Welds - Yes

Non-Categorized Fatigue-Prone Details - No

Other (Specified in Text) - No

Special Emphasis Details:

Fatigue prone welds exist in two locations at utility support plates. The knee braces with the fatigue prone weld connections to the floorbeams have been removed. The welds were ground during the rehabilitation with cracks found. The cracks were drilled. Due to the presence of cracks, these locations should be monitored.

General Notes To the Next Inspector:

Improvements Observed:

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Review Progress and Personnel Present at Inspection

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Inspection Submission Status:

Submitted to QC Engineer on: 9/6/2010
QC Submission Number: 10401601

QC Review Completed: 9/8/2010
QC Engineer: Michael J. Peters

Submitted to Liaison Engineer on: 9/13/2010
Liaison Submission Number: 04017

Liaison Review Completed: 10/29/2010
Liaison Engineer: Ikram A. Mohl

Submitted for BIIS Processing on: 10/29/2010
BIIS Submission Number: .kp1

Current Status: Keypunched, Sent to BIIS
Check Value: 1,764,636,830

Personnel Present During Inspection:

Andrew P. Thompson	- Team Leader
George Stam	- Assistant Team Leader
Jessica Commisso	-
Al Stolsfus	-

Discovery Date: 8/16/2010

RC: 43 BIN: 4025890

Safety Flag 41100029

Carried: ELMWOOD AVENUE Crossed: GENESEE RIVER

Prompt Interim Action Recommended: No

Inspector: Thompson, Andrew P.
Flag Number: 41100029

Date Discovered: 8/16/2010
Supersedes Flag Number: _____

Bridge Description:

BIN: 4025890 Carried: ELMWOOD AVENUE Crossed: GENESEE RIVER

Region: 4 - Rochester County: 3 - Monroe
Political Unit: 2048 - City of ROCHESTER
Residency Code: - N/A
Primary Owner: 42 - City
Secondary Owner: 99 - One Agency - Listed in first subfield
Primary Maintenance: 42 - City
Secondary Maintenance: 99 - One Agency - Listed in first subfield
Year Built: 1934 Not Posted For Load

Number of Spans by Type:	Num	Type	Description
	005 - 114	Steel - Plate Girder-Floorbeam System, Deck	

Description of Flagged Condition:

There is 1 3/8 inch max settlement of the end right approach sidewalk at the interface of the approach sidewalk and the bridge sidewalk at the joint with deck.

The bridge is oriented Southeast.

1 Photos/Sketches Attached

Verbal Notifications: (For RED Flags and Safety Flags with PIA only)

To: _____ of Regional Office on _____ at _____

Signature: (a signed copy of this report will be placed in the BIN folder)

Flagged Bridge Report Completed By: Thompson, Andrew P. on 8/16/2010

Flagged Bridge Report Signed By: _____ on _____
Thompson, Andrew P.

(This PDF Report Created: 11/1/2010 12:36:35 PM)

Discovery Date: 8/16/2010

RC: 43 BIN: 4025890

Safety Flag 41100029 Attachment

Carried: ELMWOOD AVENUE Crossed: GENESEE RIVER

1.JPG - Attached to Safety Flag 41100029

End Right Approach Sidewalk



Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Inspection Access Requirements

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Equipment Required for Inspection

Access Requirement Changes WERE Noted During This Inspection.
This Listing is from the Inspection.

ACCESS CATEGORIES FOR ENTIRE BRIDGE

Required: Walking, Step Ladder, Extension Ladder, 60 Ft UBIU (18 m)
Required: Barge, Diving, Shadow Vehicle, Other Access Needs

ACCESS CATEGORIES FOR SPAN 1

Required: Walking, Step Ladder, Extension Ladder, Diving

ACCESS CATEGORIES FOR SPAN 2

Required: Walking, 60 Ft UBIU (18 m), Barge, Diving, Shadow Vehicle
Required: Other Access Needs

ACCESS CATEGORIES FOR SPAN 3

Required: Walking, 60 Ft UBIU (18 m), Barge, Diving, Shadow Vehicle
Required: Other Access Needs

ACCESS CATEGORIES FOR SPAN 4

Required: Walking, 60 Ft UBIU (18 m), Barge, Diving, Shadow Vehicle
Required: Other Access Needs

ACCESS CATEGORIES FOR SPAN 5

Required: Walking, Step Ladder, Extension Ladder

Inspection Date: 8/16/2010

RC: 43 BIN: 4025890

Culvert Measurements

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

CheckValue: 1,764,636,830

Culvert Measurements

CULVERT DIMENSIONS FOR SPAN 1

LOCATION: L1

Line AF: 0.00 feet

Line FE: 0.00 feet

Line CF: 0.00 feet

Line AD: 0.00 feet

Line BE: 0.00 feet

COMMENTS:

No Comments Provided.

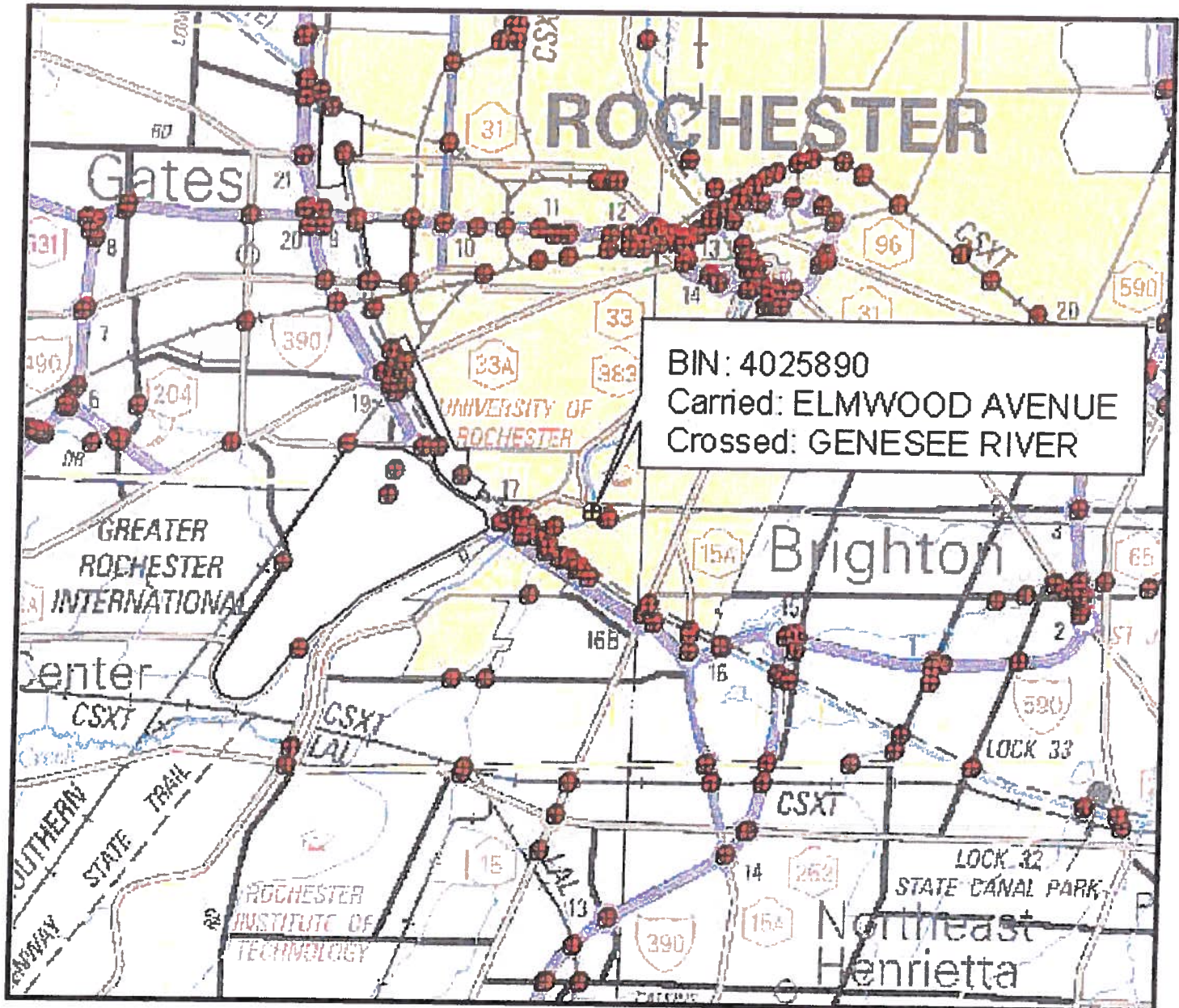
Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

4025890_LOCATION_MAP.JPG



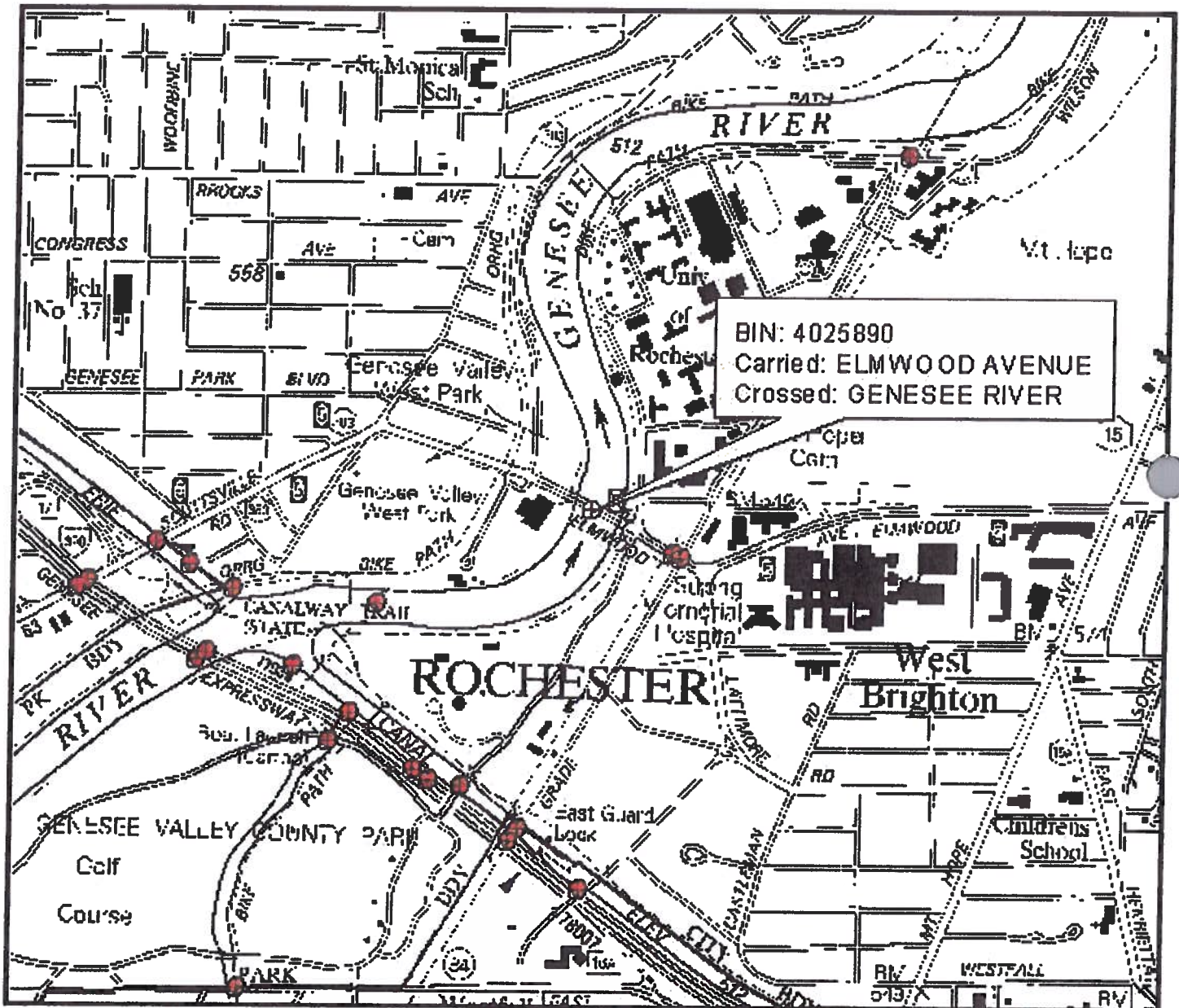
Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

4025890_QUAD_MAP.JPG



Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

AbutmentBegin.JPG



Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

ApproachBegin.JPG



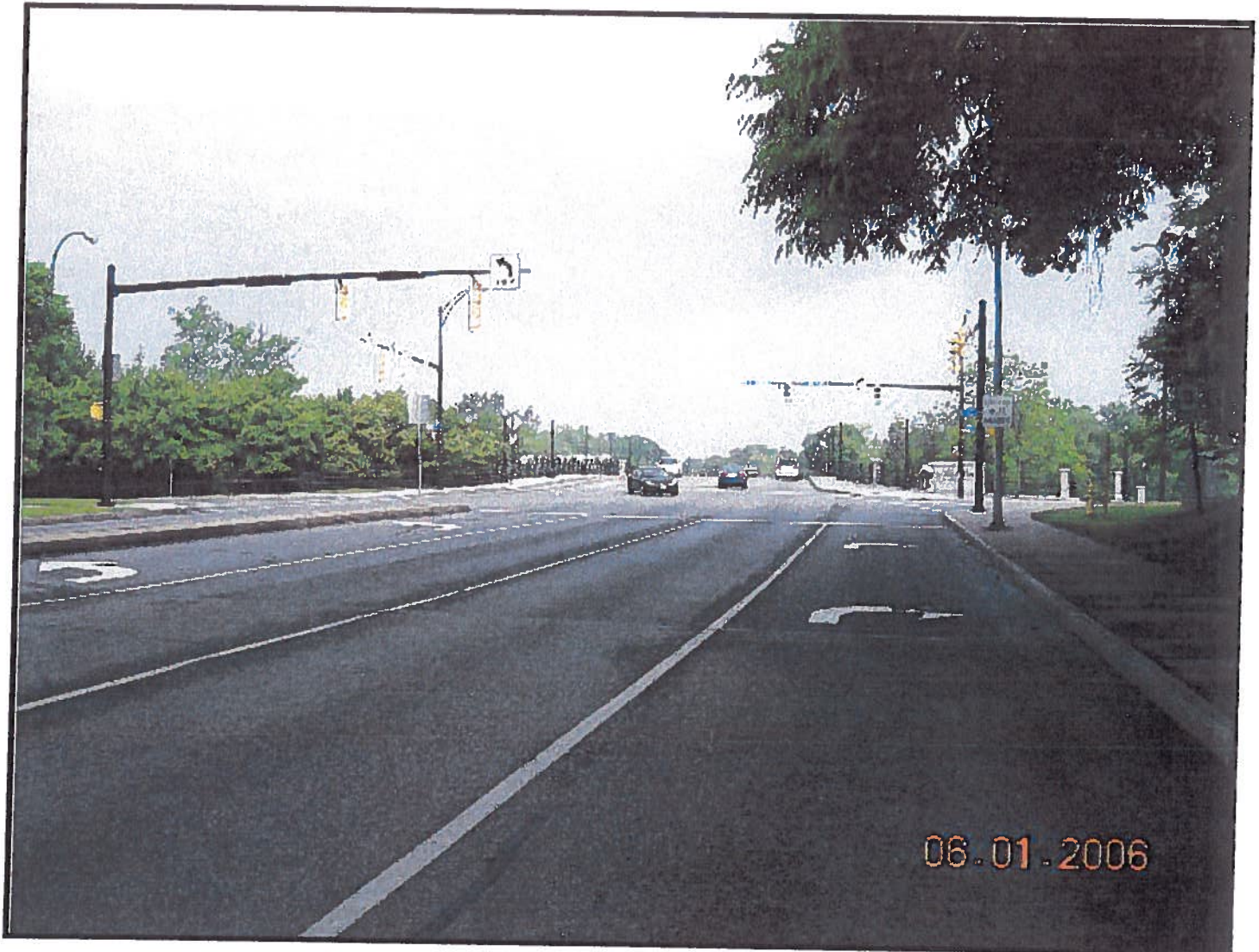
Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

ApproachEnd.JPG



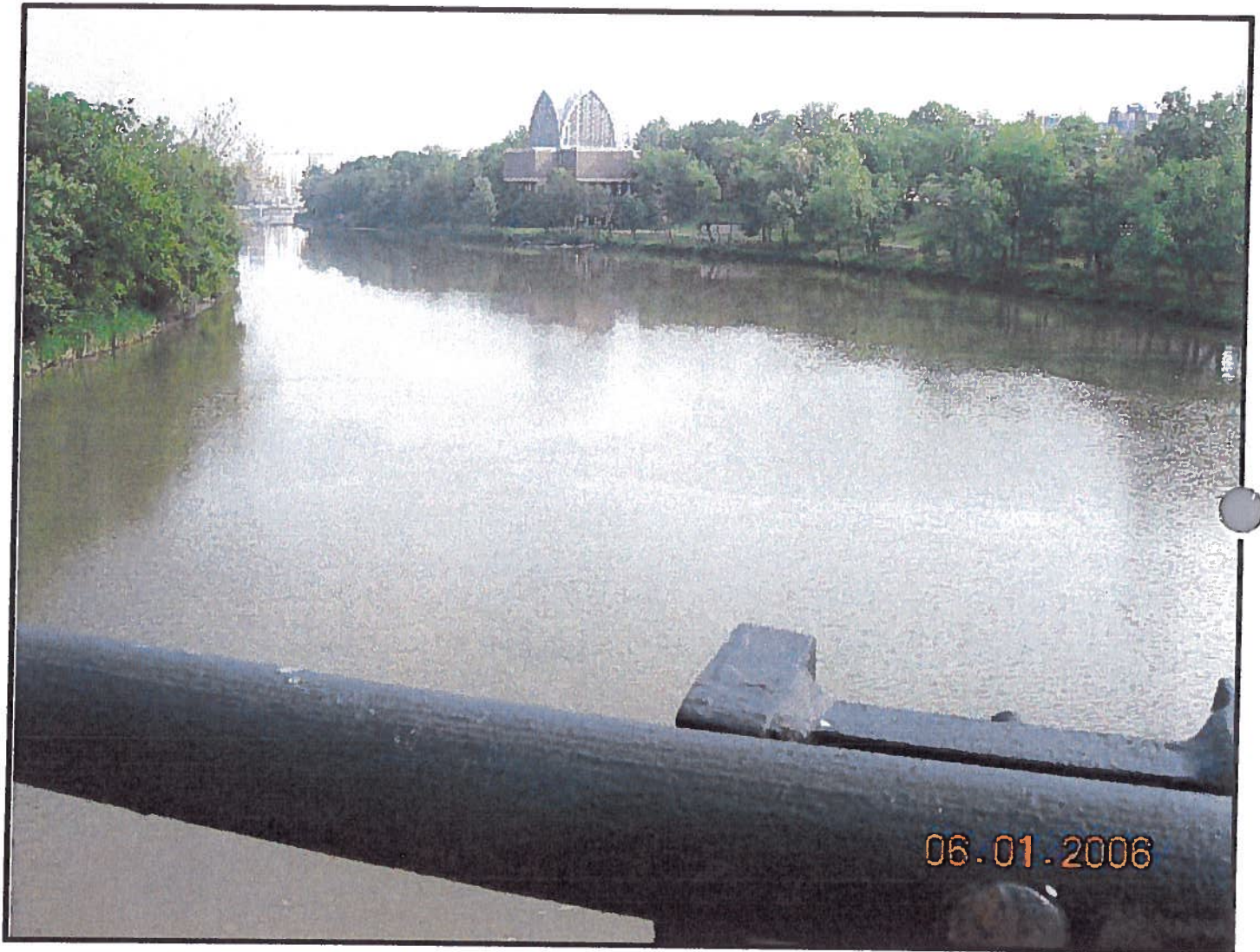
Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

ChannelDownstreamLeft.JPG



06.01.2006

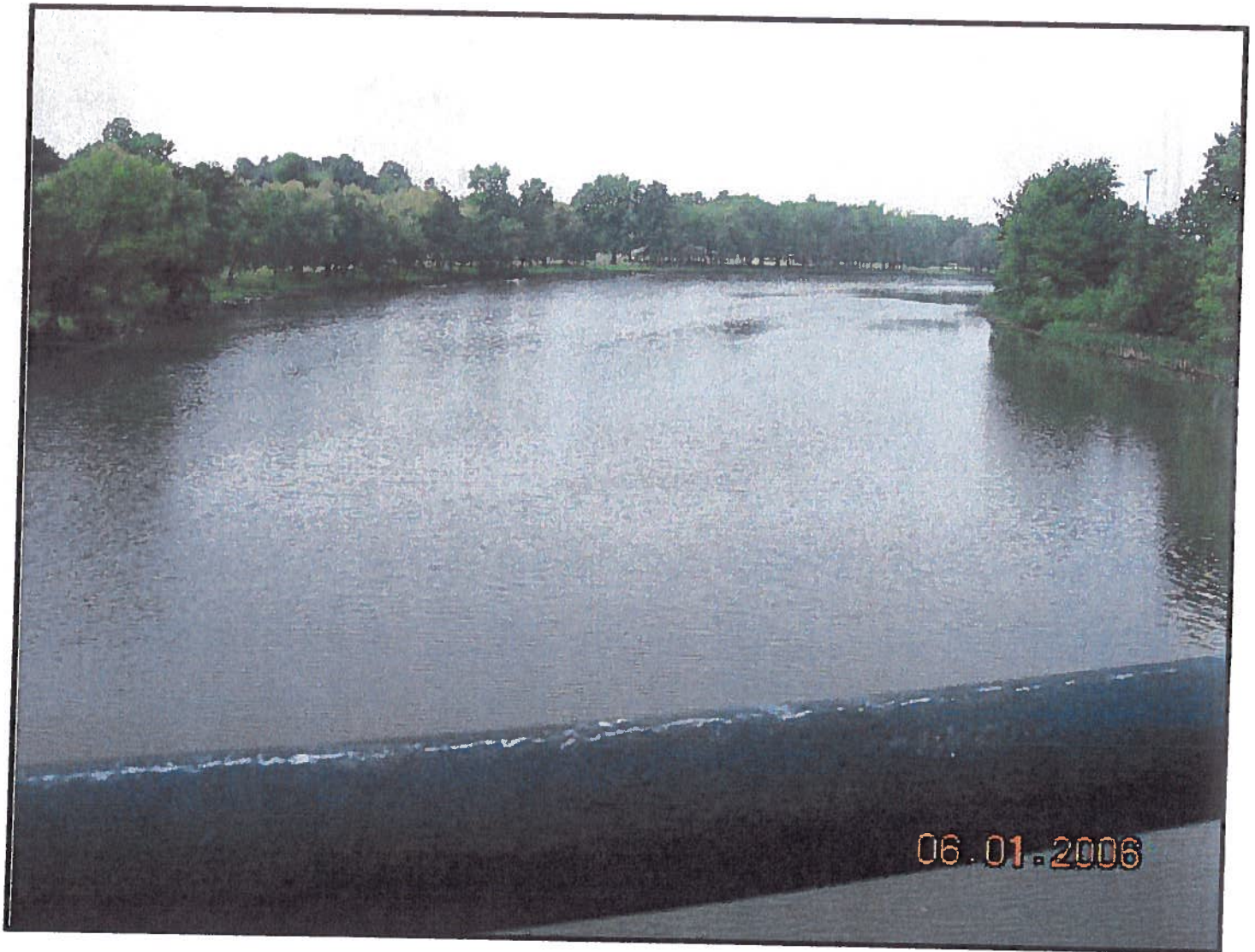
Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

ChannelUpstreamRight.JPG



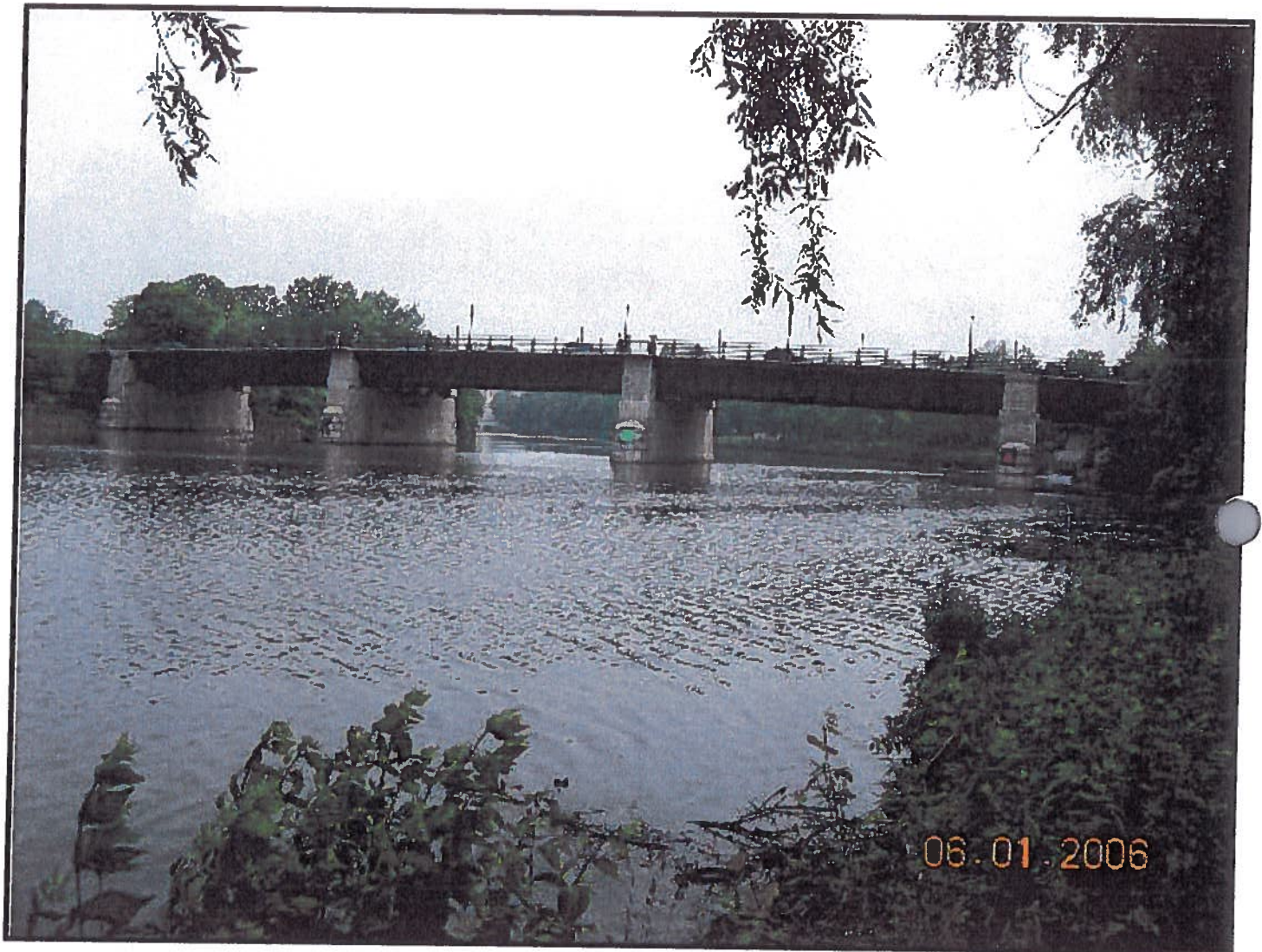
Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

ElevationRight.JPG



Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

FramingSpans1-5typ.JPG



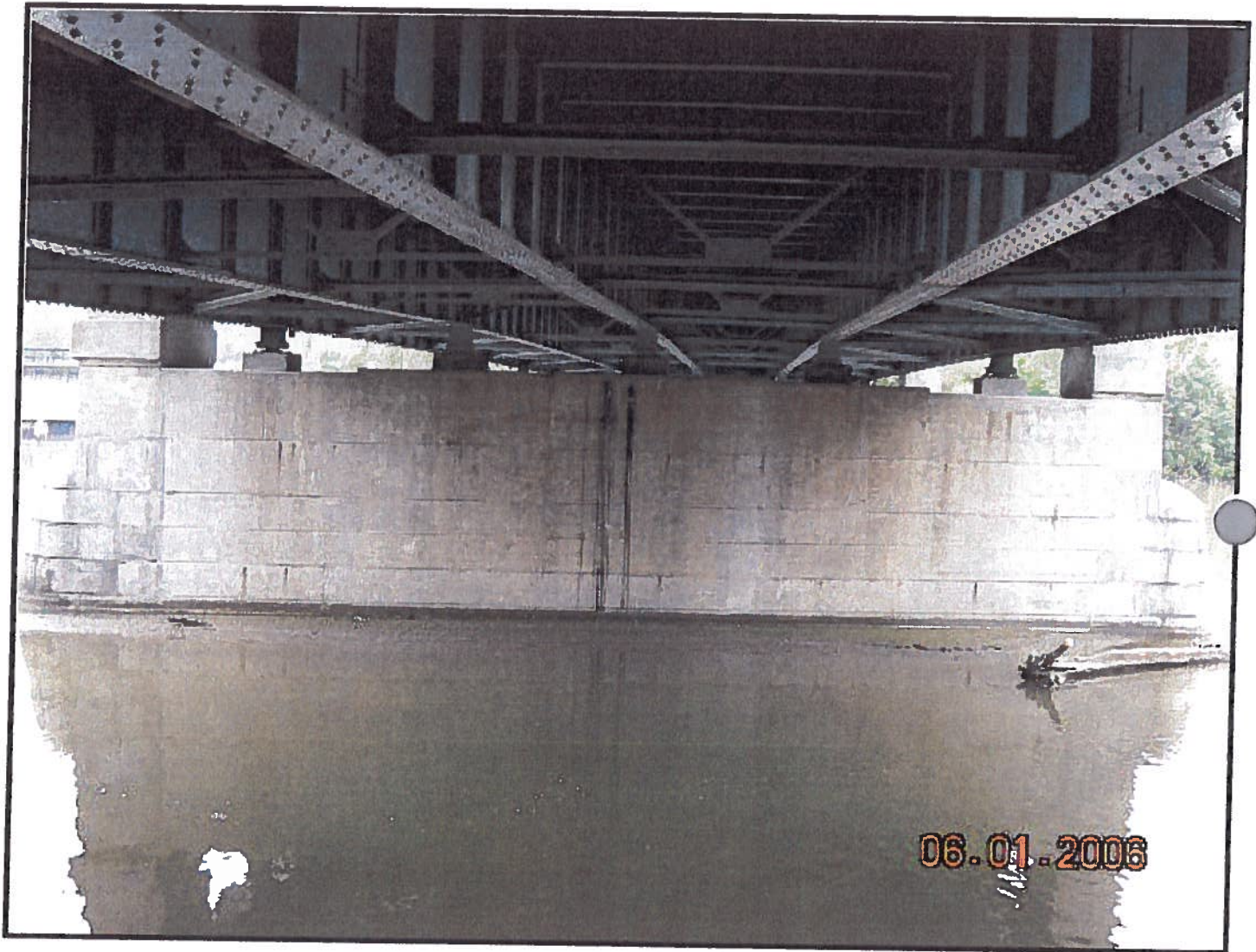
Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

Pier.JPG



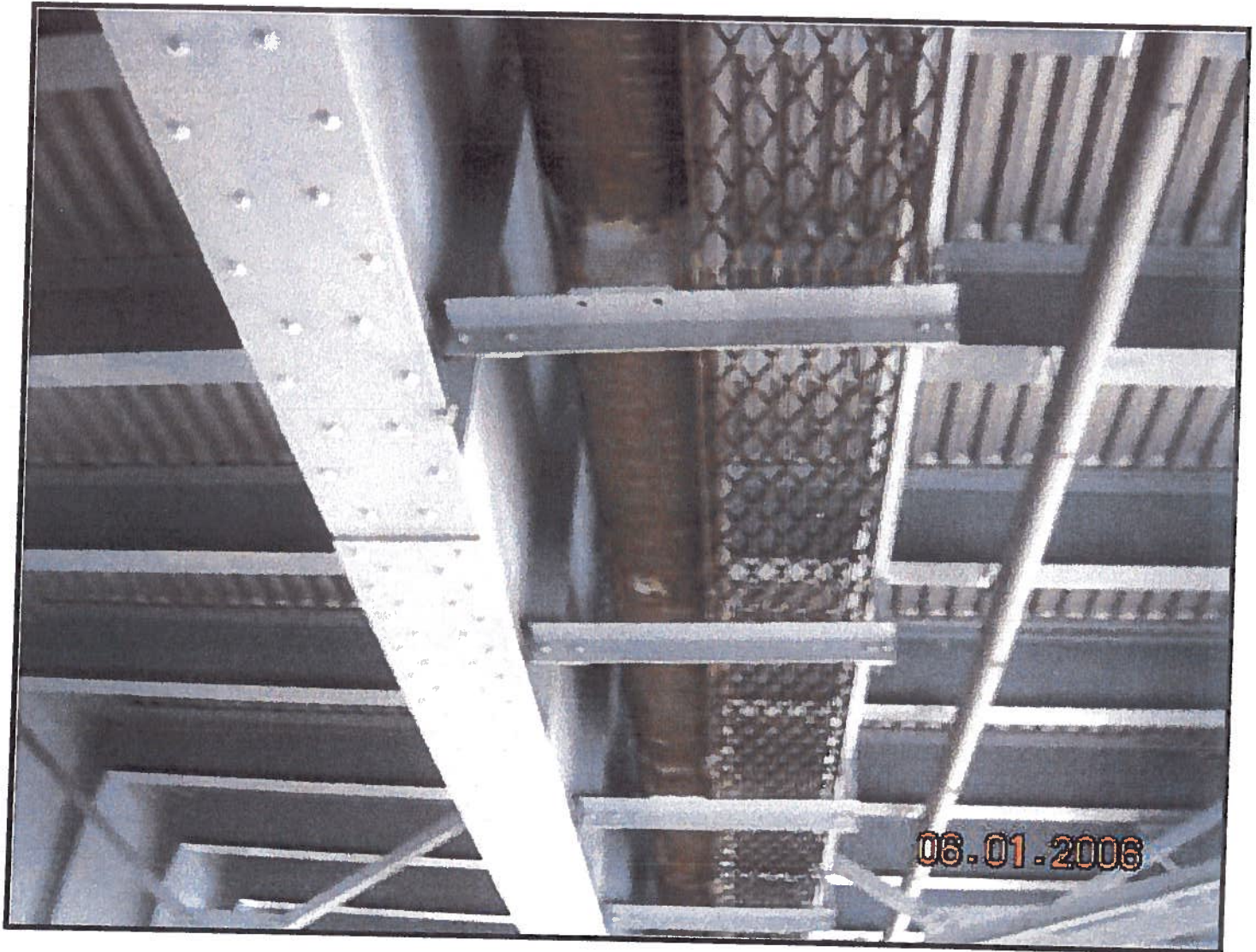
Standard Photos

RC: 43 BIN: 4025890

Carried: ELMWOOD AVENUE

Crossed: GENESEE RIVER

UnderDeckSpans1-5typ.JPG



Elmwood Avenue Bridge over Genesee River
City of Rochester, New York
March 8, 2012



1. Elmwood Ave. Bridge Deck Wearing Surface (looking east)

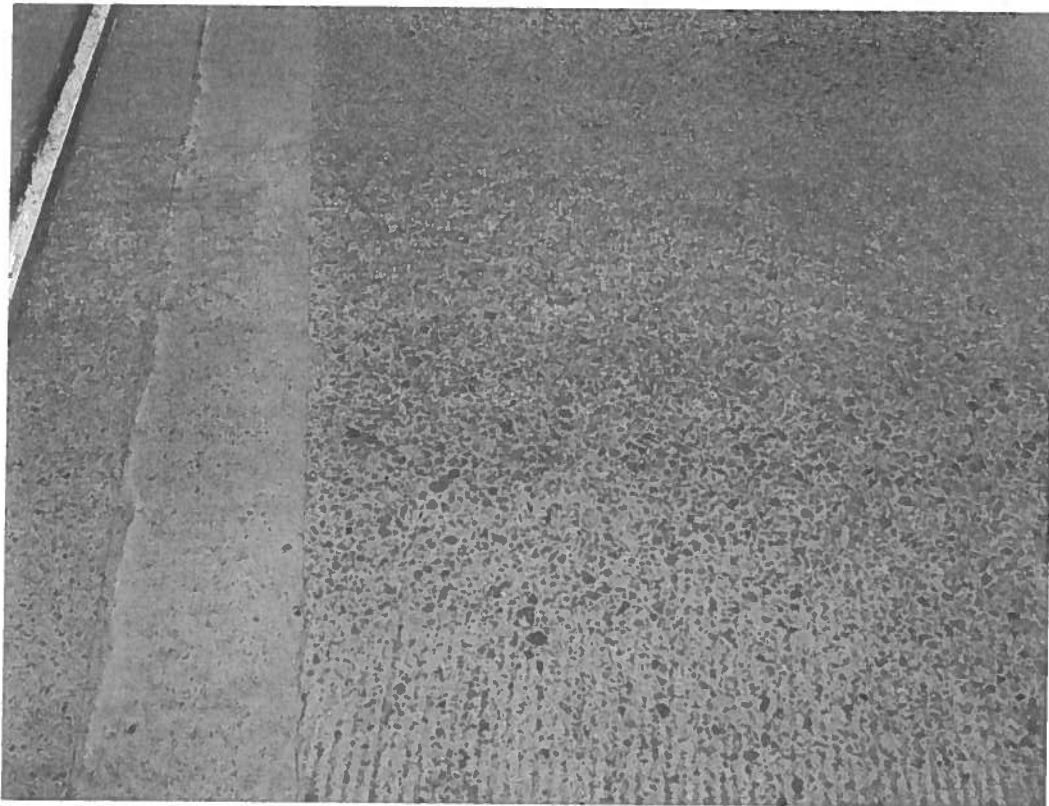


2. Elmwood Ave. Bridge Deck Wearing Surface (looking west)

Elmwood Avenue Bridge over Genesee River
City of Rochester, New York
March 8, 2012



3. Well Worn and Polished Aggregate Wearing Surface



4. Well Worn and Polished Aggregate Wearing Surface

APPENDIX E

Environmental Information

Environmental Checklist

PIN: 4755.32

DESIGNER: LaBella Associates, P.C.

DESCRIPTION: Elmwood Avenue Bridge over Genesee River
Preventive Maintenance

ENVIRON. CONTACT: John Papponetti, P.E.

TOWN/CITY: Rochester

DATE: 02/10/2012

COUNTY: Monroe

REVISION DATE:

ENVIRONMENTAL
CLASSIFICATION

NEPA:

Class II Automatic Categorical Exclusion

SEQRA:

TYPE II

ENVIRONMENTAL ISSUE		INVOLVEMENT		FURTHER REVIEW REQUIRED	COMMENTS
		YES	NO		
1.	Parkland - State, County & Local Parks & Trails	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.	Parkland - Nationwide 4(f), Section 4(f), Section 6(f), Section 1010	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.	Historic & Archaeological Resources - General and/or Section 4(f)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NYS DOT is reviewing Section 106 Package
4.	Natural Landmarks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5.	Visual Resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.	Coast Guard Bridge Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7.	Floodplains	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project is located in a Flood Plain, but no work is projected to impact the existing hydraulics of the bridge
8.	Wetlands - Federal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9.	Executive Order 11990	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10.	Wetlands - State - Article 24 (Freshwater) or Article 25 (Tidal) Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11.	Corps of Engineers - Section 10 or 404, Nationwide or Individual Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12.	Water Quality Certification - Section 401	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13.	Water Quality Analysis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
14.	Sole Source Aquifer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
15.	SPDES Stormwater Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
16.	Wild, Scenic & Recreational Rivers - Federal or State	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
17.	Coastal Zone Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
18.	Critical Environmental Areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
19.	Endangered or Threatened Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bog Turtle & American Burying Beetle - No Impact
20.	Farmland or Agricultural District	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
21.	Scenic Roads	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
22.	Air Quality Analysis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
23.	Noise Analysis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
24.	Energy Analysis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
25.	Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
26.	Hazardous Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Other Issues (list)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

All supporting documentation can be located in the Environmental Appendix.

NEPA ASSESSMENT CHECKLIST

Page 1 of 3

This checklist complies with FHWA regulations that implement NEPA, 23 CFR §771(1987), and was approved by the FHWA on July 15, 1996.

I. GENERAL DEFINITION OF CATEGORICAL EXCLUSIONS

Before answering the questions on the NEPA Checklist, the preparer must be familiar with the general definition of Categorical Exclusions. Section 7.4 describes the general criteria for Categorical Exclusions according to 23 CFR 771. Sections 7.4.1.1 through 7.4 also define the Automatic Categorical Exclusions, Programmatic Categorical Exclusions and Categorical Exclusions with Documentation to which this NEPA Assessment Checklist applies.

NEPA ASSESSMENT CHECKLIST

Answer the following questions by checking YES or NO.

I. THRESHOLD QUESTION

- | | YES | NO |
|--|-------|--------|
| 1. Does the project involve unusual circumstances as described in 23 CFR §771.117(b)? | _____ | _____✓ |
| <ul style="list-style-type: none">• If YES, the project does not qualify as a Categorical Exclusion and an EA or EIS is required. You may STOP COMPLETING THE CHECKLIST.• If NO, go on. | | |

II. AUTOMATIC CATEGORICAL EXCLUSION

- | | YES | NO |
|---|--------|-------|
| 2. Is the project an action listed as an Automatic Categorical Exclusion in 23 CFR §771.117(c) (C List) and/or is the project an element-specific project classified by FHWA as a Categorical Exclusion on July 22, 1996? | _____✓ | _____ |
| <ul style="list-style-type: none">• If YES to question 2, the project qualifies for a C List Categorical Exclusion. You may STOP COMPLETING THE CHECKLIST. | | |

Note - Even if YES to question 2, there may be specific environmental issues that still require an action such as an EO 11990 Wetland Finding or a determination of effect on cultural resources. The project is still an Automatic Categorical Exclusion but the necessary action must be taken, such as obtaining FHWA's signature on the wetland finding. Refer to the appropriate section of the Environmental Procedures Manual for guidance.

- If NO to question 2, go on.

III. PROGRAMMATIC CATEGORICAL EXCLUSION

- | | YES | NO |
|--|-------|-------|
| 3. Is the project on a new location or involve a change in the functional classification or added mainline capacity (add through-traffic lanes)? | _____ | _____ |
| 4. Is this a Type I project under 23 CFR 772, <i>Procedures for Abatement of Highway Traffic Noise and Construction</i> ? | _____ | _____ |

- If YES to any question 3-20, project will not qualify as a Programmatic Categorical Exclusion. Answer questions 21 & 22 for documentation only and go on to question 23.

21. Does the project involve the use of a temporary road, detour or ramp closure? YES NO

- If NO to questions 3-20 and NO to question 21, the project qualifies as a Programmatic Categorical Exclusion. You may STOP COMPLETING THE CHECKLIST. Refer to Section 8.6.2 of Chapter 8 of this manual for next steps.
- If YES to question 21, preparer should complete question 22 (i-v). If questions 3-20 are NO and 21 is YES, the project will still qualify as a Programmatic Categorical Exclusion if questions 22 (i-v) are YES.

22. Since the project involves the use of temporary road, detour or ramp closure, will all of the following conditions be met: YES NO

i. Provisions will be made for pedestrian access, where warranted, and access by local traffic and so posted.	_____	_____
ii. Through-traffic dependent business will not be adversely affected.	_____	_____
iii. The detour or ramp closure, to the extent possible, will not interfere with any local special event or festival.	_____	_____
iv. The temporary road, detour or ramp closure does not substantially change the environmental consequences of the action.	_____	_____
v. There is no substantial controversy associated with the temporary road, detour or ramp closure.	_____	_____

- If questions 3-20 are NO, 21 is YES and 22 (i-v) are YES, the project qualifies for a Programmatic Categorical Exclusion. You may STOP COMPLETING THE CHECKLIST. Refer to Section 8.6.2 of Chapter 8 of this manual for next steps.
- If questions 3-20 are NO, 21 is YES and any part of 22 is NO, go on to question 23.

23. Is the project section listed in 23 CFR §771.117(d) (D List) or is the project an action similar to those listed in 23 CFR §771.117(d)? YES NO

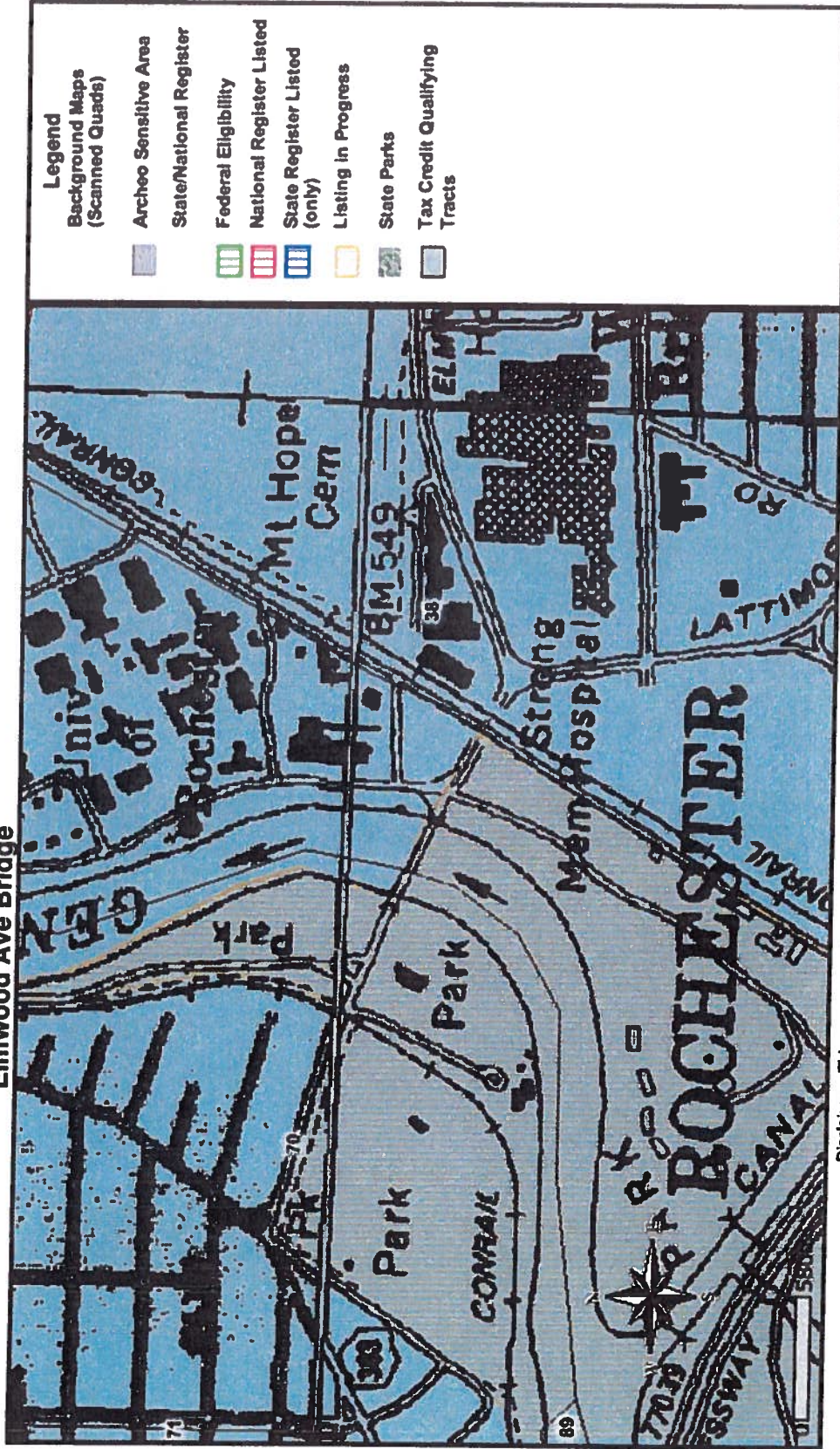
For those questions which precluded a Programmatic Categorical Exclusion, documentation should be provided for any YES response to questions 3-20 or for a NO response to any part of questions 22 (i-v). This documentation, as well as the checklist, should be included in the Design Approval Document, i.e., Final Design Report, to be submitted to the Regional Local Project Liaison for submission to the FHWA Division for classification of the project as a D List Categorical Exclusion. Refer to Chapter 8 of this manual for next steps.

SEQR Type II Criteria Documentation (for minor highway projects per item 37 in 17 NYCRR 15.14(e))

In accordance with 17 NYCRR 15.14(d) and 17 NYCRR 15.14(e)(37), this project is a SEQR Type II project. The project does not include or result in:

- (1) The acquisition of any occupied dwelling units or principal structures of business;
- (2) Significant changes in passenger or vehicle traffic volume, vehicle mix, local travel patterns or access (other than changes that would occur without the project);
- (3) more than minor social, economic or environmental effects upon occupied dwelling units, businesses, abutting properties or other established human activities;
- (4) Significant inconsistency with current plans or goals that have been adopted by local governmental bodies;
- (5) Physical alternation of more than 1.0 ha (2.5 acres) of publicly owned or operated parkland, recreation area or designated open space;
- (6) an effect on any historic district, site, building, structure or object that is listed, or may be eligible for listing, on the National Register of Historic Places, or any historic building, structure, site or prehistoric site that has been proposed by the Committee on the Registers for consideration by the New York State Board of Historic Preservation for a recommendation to the State Historic Preservation Officer for nomination for inclusion in said National Register;
- (7) more than minor alteration of, or adverse effect upon, any property, protected area, or natural or man-made resource of national, State or local significance, including but not limited to:
 - (i) Freshwater or tidal wetlands and associated areas;
 - (ii) Floodplain areas;
 - (iii) Prime or unique agricultural land;
 - (iv) Agricultural districts so designated pursuant to article 25, section 203, when more than one acre of such district may be affected;
 - (v) Water resources, including lakes, reservoirs, rivers, streams;
 - (vi) Water supply sources;
 - (vii) Designated wild, scenic and recreational rivers;
 - (viii) Unique ecological, natural wooded or scenic areas;
 - (ix) Rare, endangered or threatened species formally designated as such pursuant to Federal law; and
 - (x) Any area officially designated as a critical environmental area pursuant to 6 NYCRR Part 617; and
- (8) The requirement for an indirect air source quality permit, pursuant to 6 NYCRR Part 203.

Elmwood Ave Bridge



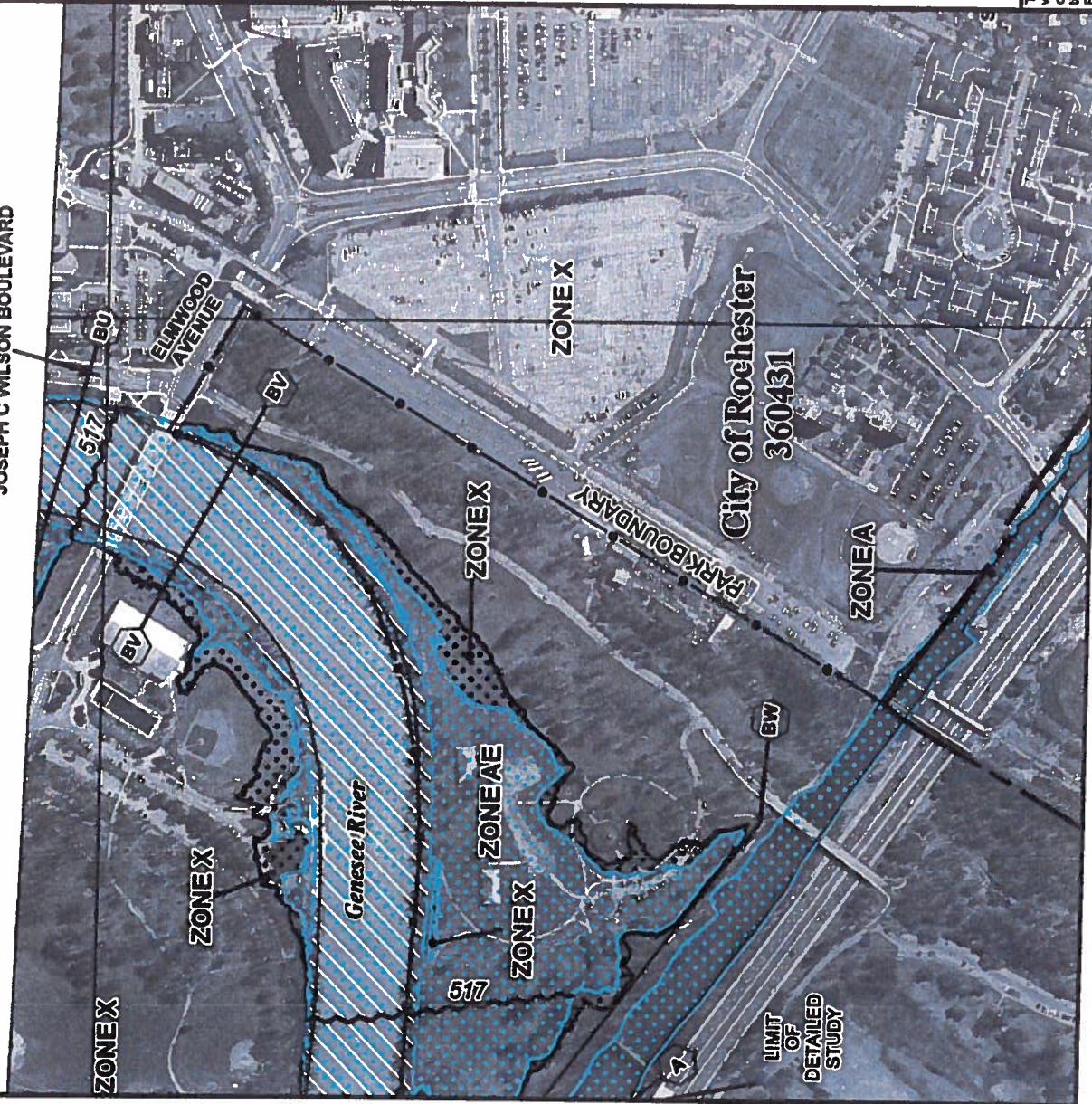
December 16, 2011



MAP SCALE 1" = 500'



JOSEPH C WILSON BOULEVARD



NFIP	
PANEL 0332G	
FIRM	
FLOOD INSURANCE RATE MAP	
for MONROE COUNTY, NEW YORK (ALL JURISDICTIONS)	
CONTAINS:	NUMBER
COMMUNITY	360410
BRIGHTON, TOWN OF	360412
CHILI, TOWN OF	360419
HENRIETTA, TOWN OF	360431
ROCHESTER, CITY OF	
PANEL 332 OF 528	
MAP SUFFIX: G	
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)	
Notes to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.	
	MAP NUMBER 36055C0332G
EFFECTIVE DATE AUGUST 28, 2008	
Federal Emergency Management Agency	

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



NEW YORK STATE - DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Environmental Resource Mapper

Search	Layers & Legend	Tell Me More...
Need a Permit?	Contacts	Help

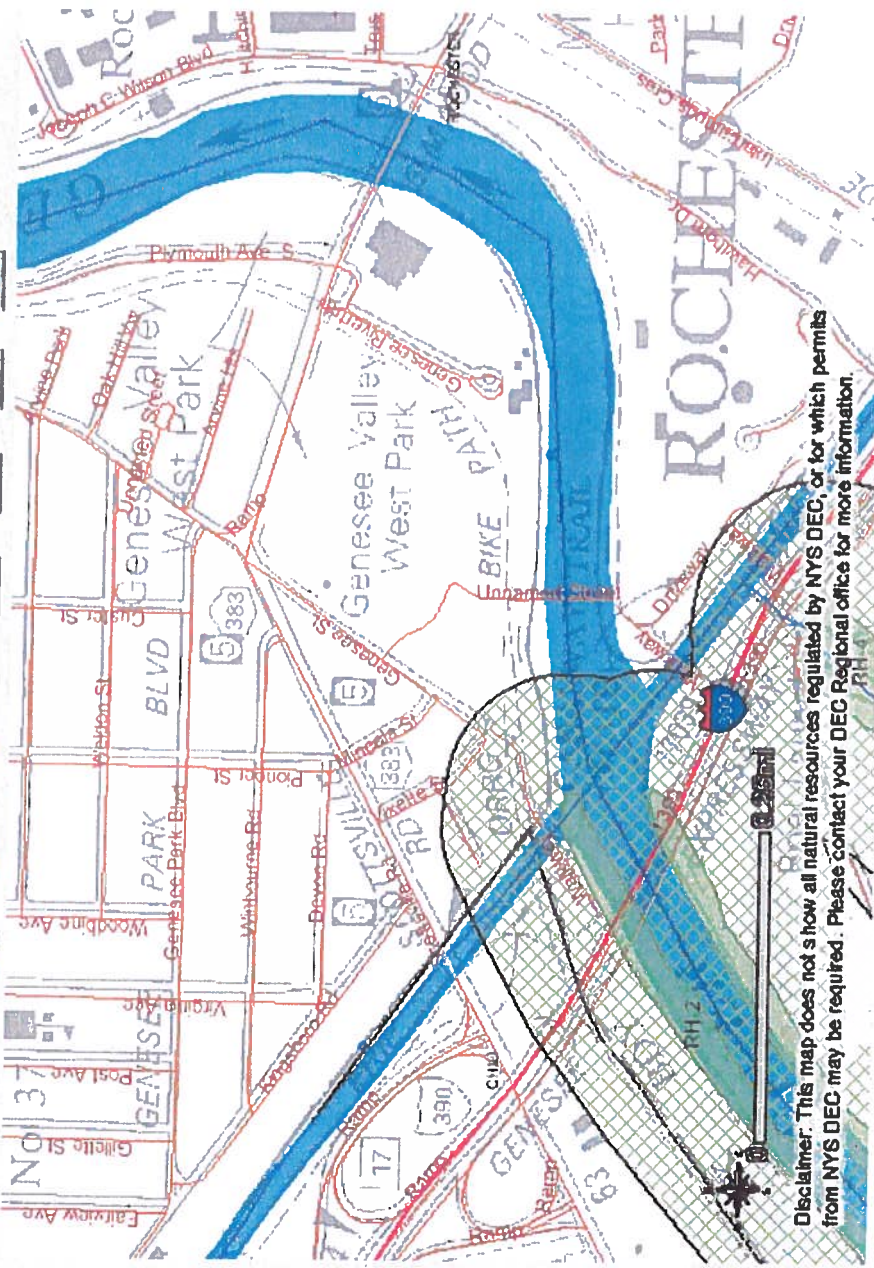
Map Layers & Legend

More layers appear as you zoom in.

- ☒ Classified Water Bodies
- ☒ Unique Geological Features
- ☒ Classified Water Bodies
- ☒ State-Regulated Freshwater Wetlands
- ☒ Wetland Checkzone ?
- ☒ Rare Plants and Rare Animals
- ☒ Significant Natural Communities
- ☒ Natural Communities Vicinity ?
- ☒ Background Map
- ☒ Adirondack Park Boundary
- ☒ Counties

Click "Refresh Layers" to activate and deactivate layers.

[Refresh Layers](#)





U.S. Fish and Wildlife Service

National Wetlands Inventory

Elmwood Avenue
Bridge

Dec 16, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or correctness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

[\[print page\]](#)[\[close window\]](#)

The Coordinates of the point you clicked on are:

NYTM	E : 285837	Longitude/Latitude	W : 77.632
	N : 4777975		N : 43.124

Classified Streams

Regulation	Standard	Classification
820-2	B	B

Old or Potential Records (these records are not displayed on the map)

Common Name	Scientific Name	Date Last Documented	Location	Habitat Where Last Seen	Animal, Plant, or other	NYS Protected Status
American Burying Beetle	Nicrophorus americanus	no date	Rochester		Rare Animal	Endangered

USGS Quadrangle

USGS Quadrangle Name
WEST HENRIETTA

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

The presence of a unique geological feature or landform near a project, unto itself, does not trigger a requirement for a NYS DEC permit. Readers are advised, however, that there is the chance that a unique feature may also show in another data layer (ie. a wetland) and thus be subject to permit jurisdiction.

Please refer to the "Need a Permit?" tab for permit information or other authorizations regarding these natural resources.

Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.

**Monroe County****Federally Listed Endangered and Threatened Species and Candidate Species**

This list represents the best available information regarding known or likely County occurrences of Federally-listed and candidate species and is subject to change as new information becomes available.

<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
Bog turtle (Riga and Sweden Townships)	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T

Status Codes: E=Endangered, T=Threatened, P=Proposed, C=Candidate, D=Delisted.

Information current as of: 12/16/2011

New York State State Agencies

Search all of NY.gov

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Printer-friendly || A-Z Subject Index || Enter search words

Search DEC

Home » Animals, Plants, Aquatic Life » Insects & Other Species » American Burying Beetle Fact Sheet

Outdoor Activities

Animals, Plants, Aquatic Life

Insects & Other Species

American Burying Beetle Fact Sheet

Chemical & Pollution Control

Energy and Climate

Lands and Waters

Education

Permits and Licenses

Public Involvement and News

Regulations and Enforcement

Publications, Forms, Maps

About DEC

American Burying Beetle Fact Sheet

American Burying Beetle

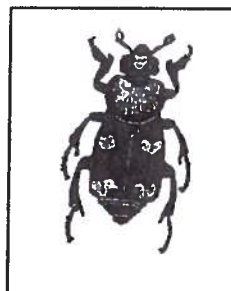
Nicrophorus americanus

New York Status: **Extirpated**

Federal Status: **Endangered**

Description

The American burying beetle, also known as the "giant carrion beetle," is the largest member of its genus in North America. Most adults are 1.2 inches (30 mm) in length, though they vary from 1.0 -1.4 inches (25-35mm). This beetle can be easily identified by its distinctive orange-red on shiny black coloration.



One colored mark covers the frons, an upper frontal head plate, and a similarly colored plate exists just behind the head. Both contrast sharply with the black body color. Wings are black with two pairs of scalloped red spots and the tips on the antennae are orange. The sexes can be distinguished by a distinctively shaped orange-red facial mark below the frons. Males have a large rectangular mark, while females have a smaller triangular mark.

Burying beetles often carry swarms of orange-colored mites on their body. They help keep beetles and carcasses clean of microbes and fly eggs.

Life History

American burying beetles are active from late April through September. Adults are nocturnal, active when temperatures exceed 15C (60F). Most reproductive activity and carcass burial occur in June and July. Reproduction depends on the availability of carrion. American burying beetles select carcasses larger than other burying beetles. The carcasses of larger species (i.e. pheasant chicks) are used as a food source during the breeding

Important Links

[Endangered Species Program](#)

[Contact for this Page](#)

Endangered Species Unit
NYSDEC
625 Broadway
Albany, NY 12233-4754
518-402-8924
[Send us an email](#)

This Page Covers



All of New York State

layer are characteristic of all sites. Open agricultural land is frequently utilized. It is unlikely that vegetational structure and soil type were historically limiting, in a general sense, considering the species' wide geographic range. While soils suitable for carcass burial are essential, it is probably carrion availability that is more important. Vegetation and soil do influence the potential prey base available to the beetles, though. Historically, American burying beetles depended upon large aggregations of 100-200 gram carcasses; ring-necked pheasant chicks were ideally suited. Today on Block Island, large 100-200 gram carcasses are used from six bird species, including pheasants and woodcock. Twice as abundant, small carcasses (<100 g) are also utilized.

Status

In addition to the known populations in Rhode Island and Oklahoma, American burying beetles were collected in Ontario, Kentucky, Arkansas, Missouri and Nebraska as late as 1970. If the species still exists in these areas, it is very localized.

The decline of American burying beetles has been underway for almost a century. Populations were largely gone by the 1920's. The prevailing theory for the decline involves habitat loss and fragmentation, which led to a greatly reduced carrion food-base. With habitat fragmentation, high population densities of many indigenous species were no longer possible. Species composition possibly changed. Changing land use patterns resulted in increased acreage of agricultural land; species composition in these habitats also changed. Mice were more plentiful, but at 25 grams were too small for the beetles. Passenger pigeons and prairie chickens disappeared. Turkey, waterfowl and shorebird populations declined. Prey species were generally less plentiful. Widespread cutting of forests increased edge habitat, which led to more predators and scavengers such as foxes, raccoons, opossums, skunks and crows. All competed with the beetles for carrion. The optimum-sized, carrion food-base was reduced throughout the beetle's range. The beetle disappeared.

Other theories for the decline exist. DDT was unlikely responsible, for the decline had occurred 25 years before DDT was used. A species specific disease is unlikely, though not impossible. Populations of other carrion beetle species have remained largely intact. American burying beetles appear to have broad habitat tolerances, so direct habitat loss was unlikely responsible initially. Once populations of burying beetles become isolated, though, habitat loss can become an important factor. Movements between habitats occurs less frequently.

Appendix 7-9
Project Submittal Package – Section 106 of the National Historic Preservation Act

NEW YORK STATE DEPARTMENT OF TRANSPORTATION PROJECT SUBMITTAL PACKAGE
Section 106 of the National Historic Preservation Act
For Locally-Administered Federal-Aid Projects

A Project Submittal Package is prepared by the Local Project Sponsor (Sponsor) or their consultants for federal aid transportation projects to provide sufficient information for NYSDOT assessment of Section 106 obligations. The Sponsor sends the package to the Regional Local Project Liaison (RLPL) for RCRC review. The RCRC will make recommendations to identify what is needed for Section 106 compliance for the project.

DATE 2/10/12 PIN 4755.32 BIN 4025890

IDENTIFICATION

Project Name (if any) ELMWOOD AVENUE BRIDGE OVER GANESSE RIVER
Project Area Boundaries LIMITS OF BRIDGE STRUCTURE ONLY

(Indicate State or County Route # and/or local street name, and clearly defined endpoints)

County MONROE Town/City ROCHESTER Village/Hamlet: _____

Have you consulted the NYSHPO web site at *<http://nysparks.state.ny.us> to determine the preliminary presence or absence of previously identified cultural resources within or adjacent to the project area? If yes:

☒ Yes ☐ No

- Was the project site wholly or partially included within an identified archaeologically sensitive area?

☒ Yes ☐ No

- Does the project site involve or is it substantially contiguous to a previously evaluated National Register of Historic Places listed property?

☐ Yes ☒ No

*<http://nysparks.state.ny.us> then select **HISTORIC PRESERVATION** then **Historic Preservation Field Services Bureau** then **On Line Tools**

ALL PROJECTS SUBMITTED FOR REVIEW SHOULD INCLUDE THE FOLLOWING INFORMATION

- ☒ **Project Description** – Attach a full description of the nature and extent of the work to be undertaken as part of this project. This should include, but not limited to, potential activities that might involve drainage, cutting, excavation, grading, filling, on-site detours, new sidewalks, right-of-way acquisition. Relevant portions of the project applications or environmental statements may be submitted. This could be from sections of the Draft Design Report/ Draft Scoping Document.
- ☒ **Location Maps** - Provide USGS Quad or DOT Planimetric map showing project area location. The map must clearly show street and road names surrounding the project area as well as all portions of the project.
- ☒ **Photos** - Provide clear, original color photographs of the entire project area keyed to a site plan. These photos should indicate:
 - Buildings/structures more than 50 years old that are located along the property or on adjoining property
 - Areas of prior ground disturbance (removal of original topsoil; filling and plowing are not considered disturbance)

LOCAL SPONSOR CONTACT

Name TOM HACK, P.E. Title CITY BRIDGE ENGINEER
Firm/Agency CITY OF ROCHESTER DEPARTMENT OF ENVIRONMENTAL SERVICES
Address 30 CHURCH STREET, RM 300B City ROCHESTER State NY Zip 14614
Phone 585.428.6852 E-Mail TOM.HACK@CITYOFROCHESTER.GOV
Consultant Name & Phone LABELA ASSOCIATES, P.C. (585) 295.6287
ATTN: JOHN PAPPUNETTI, P.E.

Elmwood Avenue Bridge over Genesee River
BIN 4025890
PIN 4755.32

PROJECT DESCRIPTION:

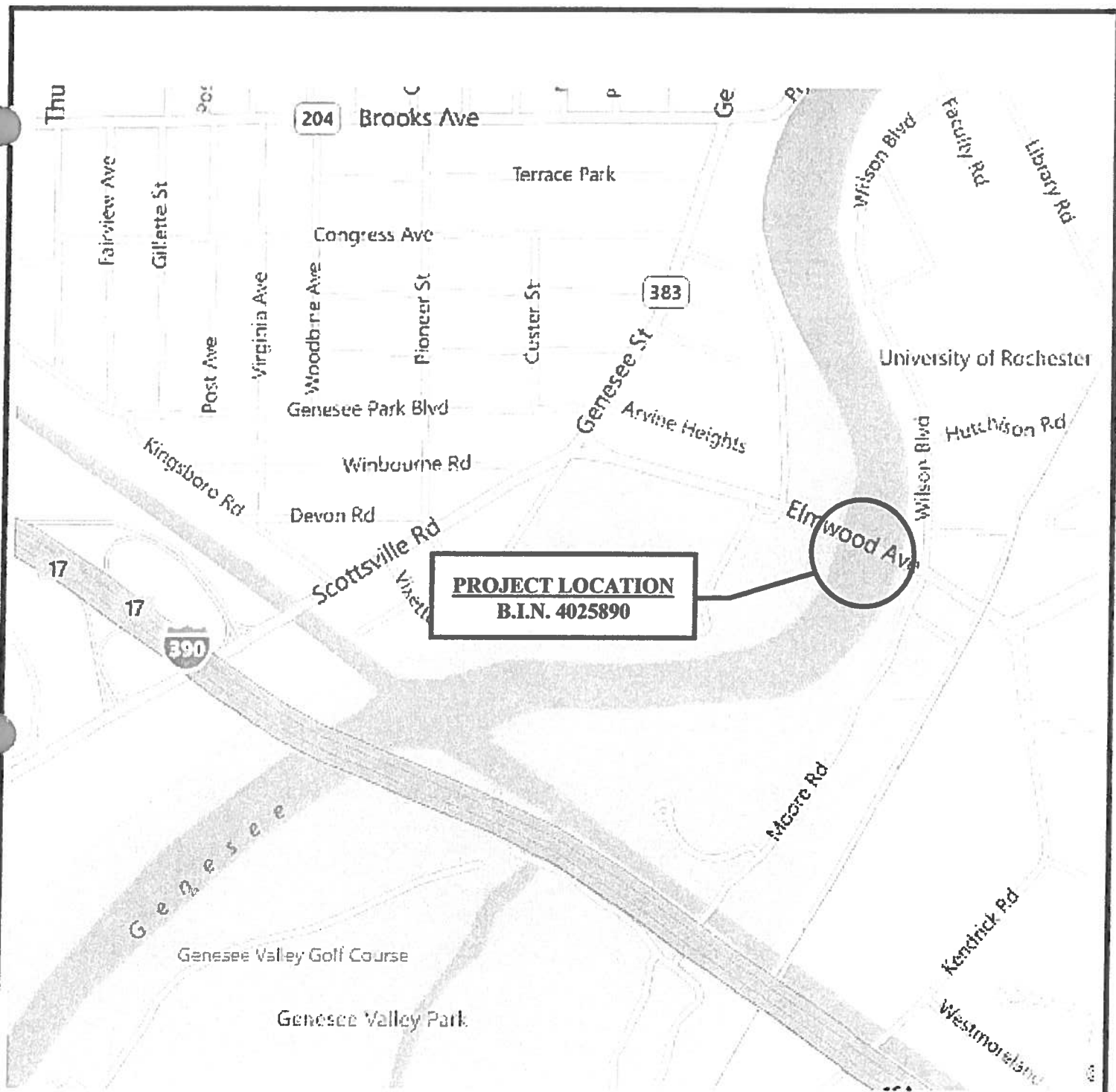
The Elmwood Avenue Bridge over Genesee River project involves the following element specific preventative maintenance tasks:

- Scarify existing bridge deck
- Concrete deck repairs
- Place Concrete deck overlay
- Replace sections of failed bridge curb
- Replace existing joint systems
- Relocate existing bridge lighting system to outside face of bridge railing
- Scupper flushing
- Bridge washing

The project is located within an Archeological Sensitive Area, however given the nature of the element specific preventative maintenance tasks, it is anticipated that the only impact will be to the existing bridge superstructure.

The Bog Turtle is a threatened species known to be found in the Town of Riga (outside of project limits). The American Burying Beetle is an endangered animal known to be found in the Rochester area at one time. Based on available NYSDEC documents, the American Beetle is known to exist in only two locations, Block Island, RI and Eastern Oklahoma. This project does not propose any activities that would impose a negative impact on endangered or threatened species.

It is assumed that the project will be progressed as a SEQR Type II and NEPA Class II Automatic Categorical Exclusion.



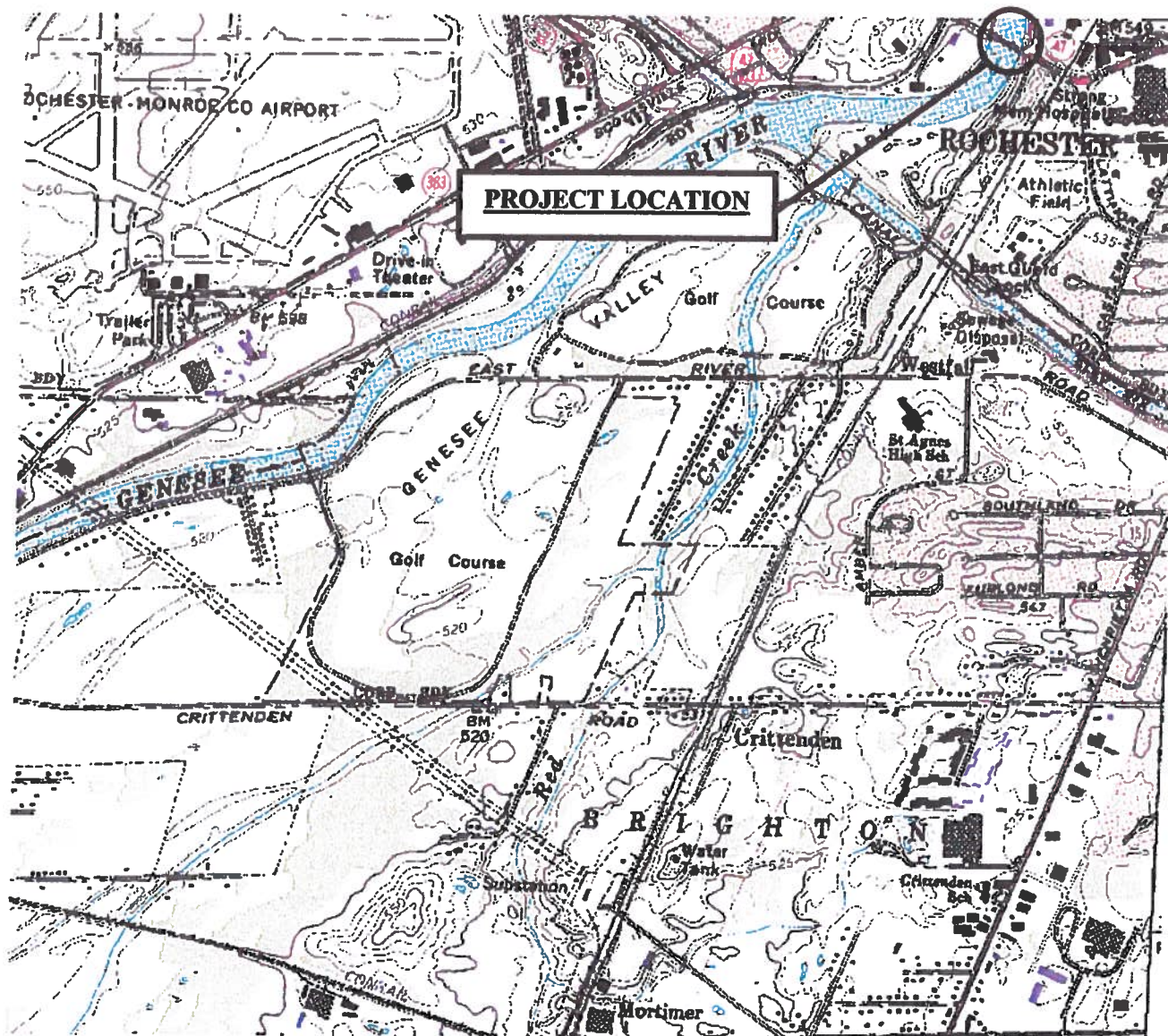
PROJECT LOCATION MAP

**Elmwood Avenue Bridge
over Genesee River
(BIN 4025890)**

**City of Rochester
Monroe County, New York**

ABELLA
Associates, P.C.

PROJECT NO.: 207650.04



USGS LOCATION MAP

Elmwood Avenue Bridge over Genesee River
(BIN 4025890)

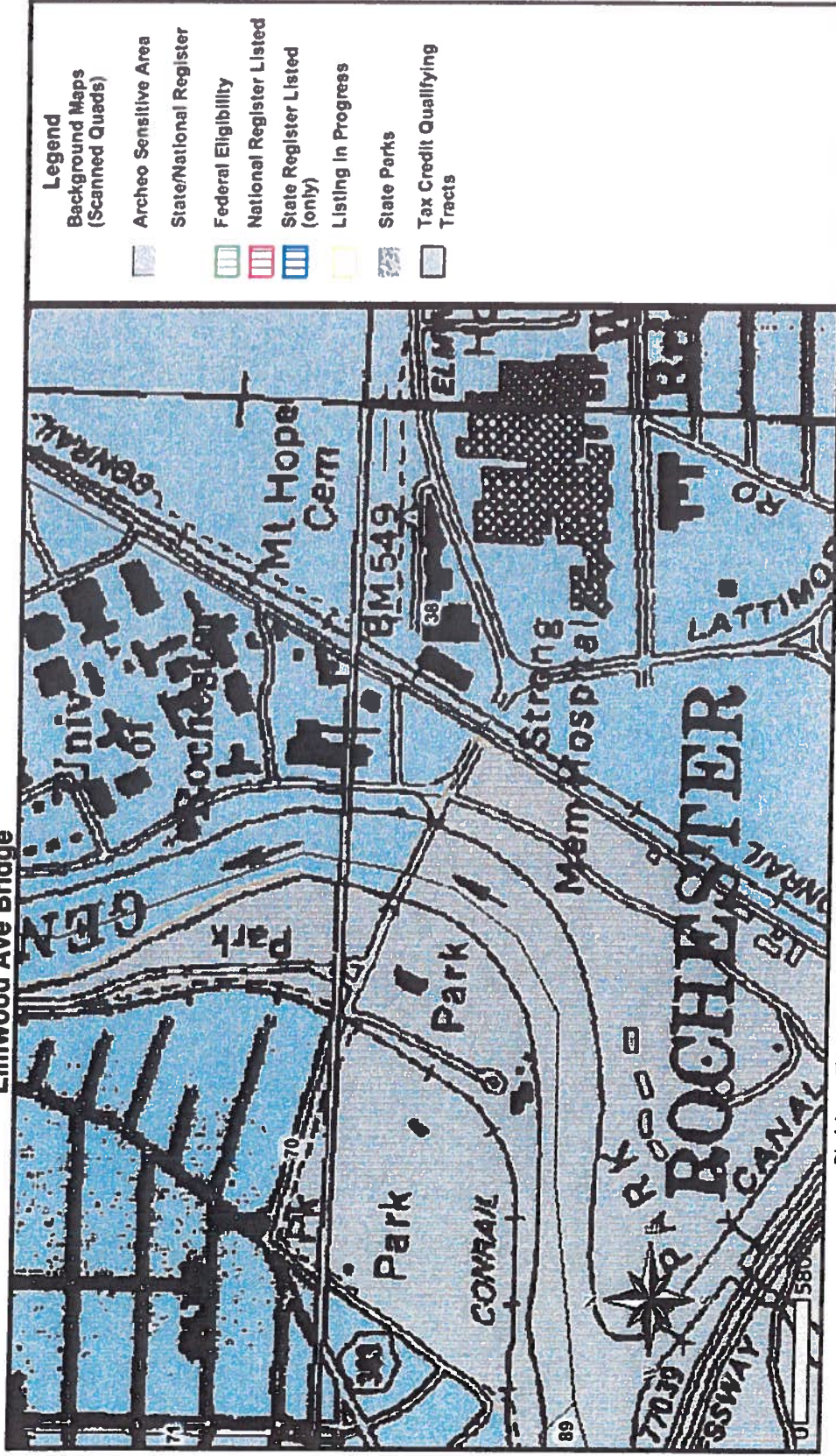
USGS Quadrangle Map: West Henrietta

City of Rochester
Monroe County, New York

LABELLA
Associates, P.C.

PROJECT NO.: 207650.04

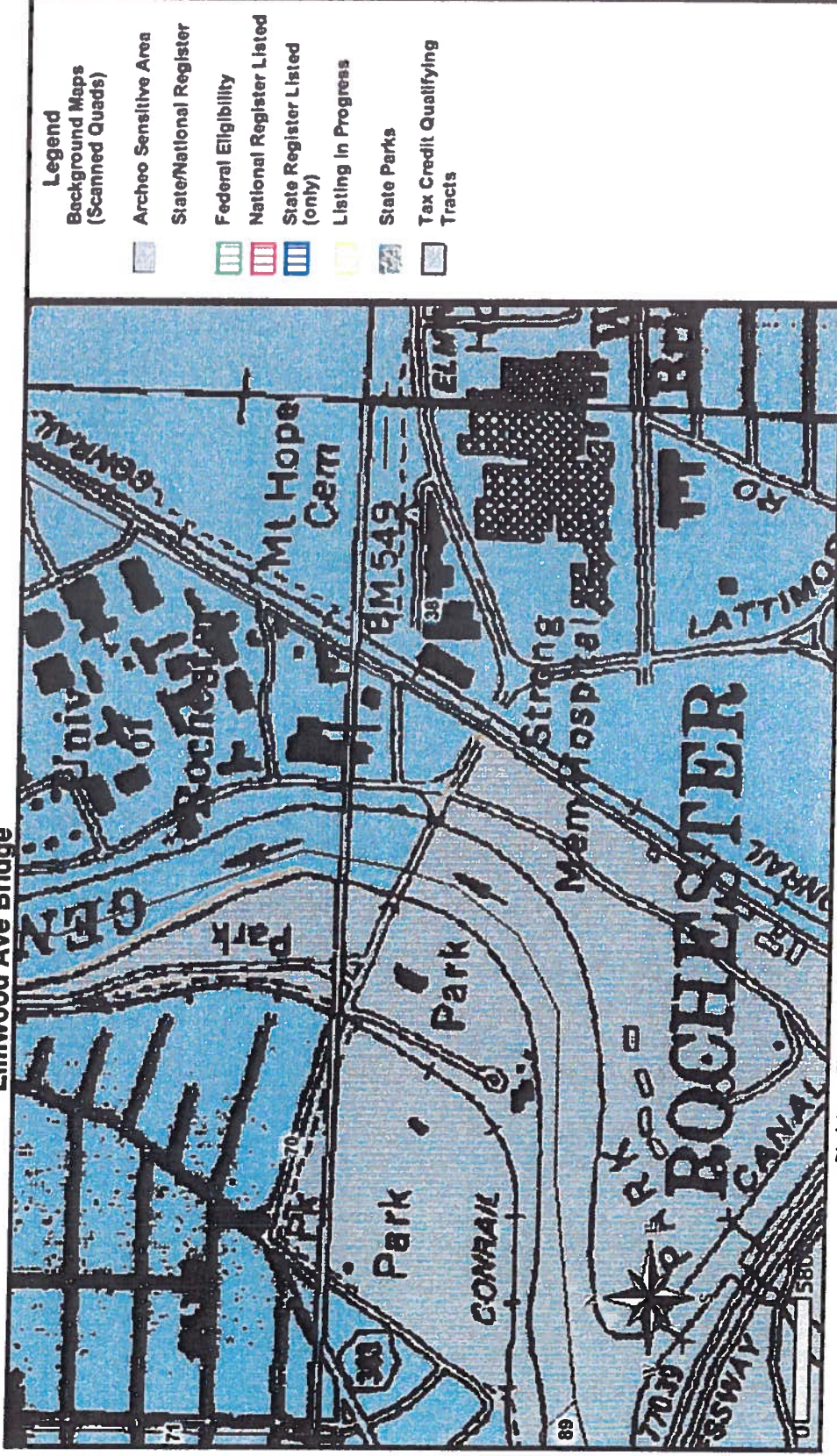
Elmwood Ave Bridge



December 16, 2011

Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

Elmwood Ave Bridge



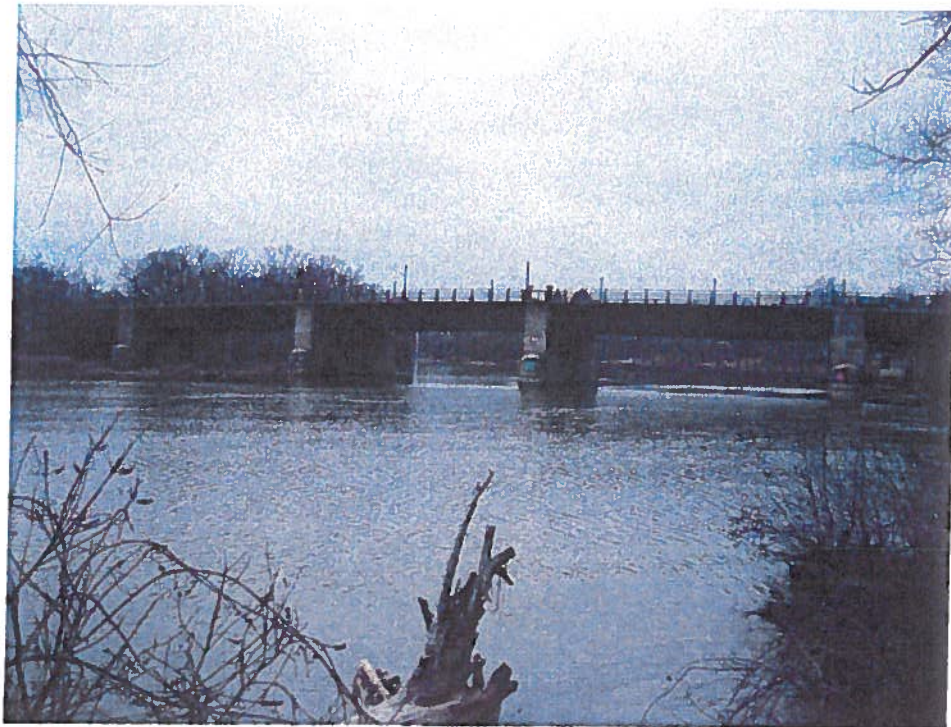
December 16, 2011

Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

Elmwood Avenue Bridge over Genesee River
City of Rochester, New York
February 10, 2012



1. Elevation looking South



2. Elevation looking North

Elmwood Avenue Bridge over Genesee River
City of Rochester, New York
February 10, 2012

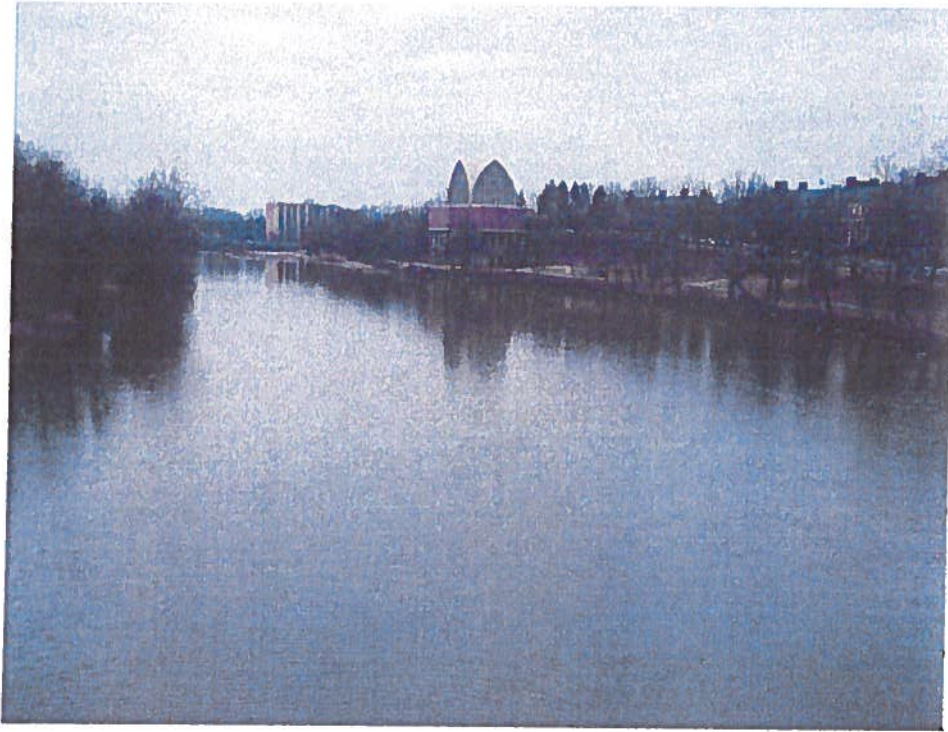


3. West Approach looking East



4. East Approach looking West

Elmwood Avenue Bridge over Genesee River
City of Rochester, New York
February 10, 2012



5. Looking South (Upstream)



6. Looking North (Downstream)



MEMORANDUM
DEPARTMENT OF TRANSPORTATION

TO: Frank DiCostanzo, Region Local Project Liaison
FROM: Chris Caraccilo, Regional Cultural Resource Coordinator
SUBJECT: PROJECT SUBMITTAL PACKAGE – SECTION 106 RECOMMENDATIONS
PIN 4755.32, Elmwood Avenue Bridge over the Genesee River-BIN 4025890,
City of Rochester, Monroe County
DATE: February 14, 2012

As the Regional Cultural Resource Coordinator (RCRC) I have reviewed the Project Submittal Package (PSP) prepared for the above referenced Locally-Administered Federal-Aid project for assessment of obligations under Section 106 of the National Historic Preservation Act (36 CFR Part 800).

Based on review of this PSP, I conclude:

- ☒ The project activities have no potential to cause effects on historic properties in accordance with 36 CFR 800.3(a)(1) therefore, there are no further obligations for compliance with Section 106 of the National Historic Preservation Act. This determination should be recorded in the project environmental documentation.
- ☐ The project activities may cause effects on historic properties. A Cultural Resource Survey is needed to identify historic and cultural resources.
- ☐ A Finding Documentation package is needed to assess the project effect on (a previously National Register (NR) listed property) _____.
- ☐ The following additional information is needed to complete our assessment:
 - ☐ Detailed project description
 - ☐ Project location map showing project limits (USGS Quad)
 - ☐ Photos of prior ground disturbance
 - ☐ Photos of buildings
 - ☐ Information from SHPO web site (archaeological sensitivity and NR listed buildings)
 - ☐ Other

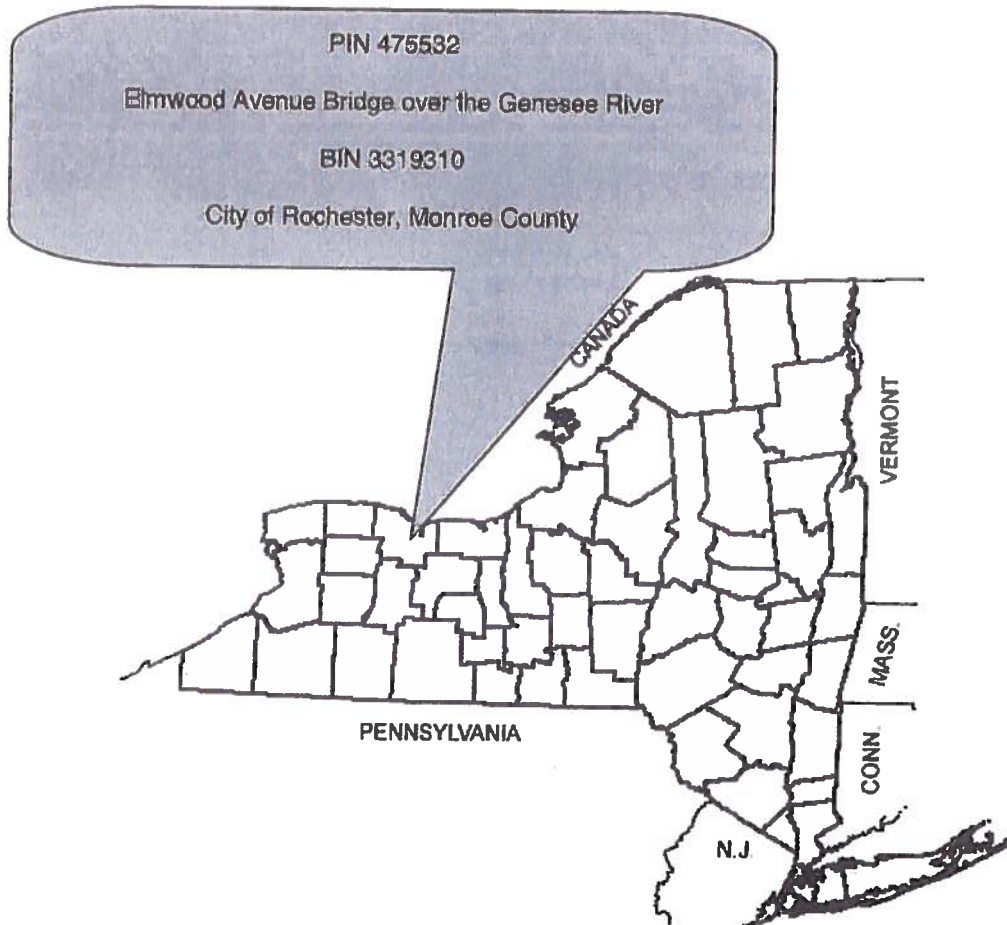
APPENDIX F

Original IPP

TRANSPORTATION

INITIAL PROJECT PROPOSAL

February 2011



PROJECT REPORT

U.S. Department of Transportation Federal Highway Administration

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
Andrew Cuomo, Governor

Joan McDonald, Commissioner



PROJECT APPROVAL SHEET

(Pursuant to SAFETEA-LU Matrix)

Milestones**Signatures****Dates**

A. Recommendation for
IPP Approval:


The project cost and schedule are consistent with the Regional Capital Program.


Regional Program Manager

4/4/11

B. IPP Approval:

The project is ready to be added to the Regional Capital Program and
project scoping can begin.


Regional Director

4/6/11

PIN: 475532

PROJECT NAME: Preventive Maintenance for One Bridge in the City of Rochester

MUNICIPALITY: City of Rochester

COUNTY: Monroe

ROUTE/STATE HIGHWAY NUMBER: NA

BIN: 4025890, Elmwood Avenue Bridge over the Genesee River

LIMITS: Milepoints (2005): NA
Reference Markers: NA

PROJECT LENGTH: NA

FEDERAL AID SYSTEM: non-NHS FA

FUNCTIONAL CLASS: Urban Minor Arterial

EXISTING AADT: 25,212 (2006)

PERCENT TRUCKS: 4.5% (2006)

EXISTING CHARACTERISTICS OF CONCERN: Due to normal wear, this bridge is in need of certain corrective maintenance work in order to continue to function as designed. There are no critical characteristics of concern but chronic transverse cracking of the concrete deck is leading to spalling at the joints and some associated delamination.

ELEMENT**MEASURE/INDICATOR**

BIN 3319310

Condition Rating is 5.222; Sufficiency Rating is 53.0

- Substructure: 5 - Fair Condition
- Superstructure: 6 - Pretty Good Condition
- Deck: 5 - Fair Condition

PROJECT OBJECTIVE: This project would improve this bridge in order to extend its effective service life by 15 to 20 years.

PROJECT ELEMENTS TO BE INVESTIGATED:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Deck/Minor Bridge Rehabilitation | <input type="checkbox"/> Bridge Replacement, New Location |
| <input type="checkbox"/> Major Bridge Rehabilitation | <input type="checkbox"/> Bridge Replacement, Existing Location |
| <input type="checkbox"/> Highway Resurface | <input type="checkbox"/> Highway Reconstruction |
| <input type="checkbox"/> Appurtenance | <input type="checkbox"/> Large Culvert Rehabilitation/Replacement |
| <input type="checkbox"/> Traffic Control | <input type="checkbox"/> Other: |

PROPOSED WORK DESCRIPTION: The work to be undertaken would include full-depth repairs at isolated locations where spalling is occurring, scarifying the deck, and replacing expansion joints and bridge curbs.

PRIORITY RESULTS: ☒ Mobility & Reliability ☐ Safety ☐ Security
☐ Economic Competitiveness ☐ Environmental Stewardship

FUNDING SOURCE☐ 100% State☒ Federal (HBRR)

ENVIRONMENTAL RECOMMENDED CLASSIFICATION:

PROJECTED ENVIRONMENTAL PROCESS:				
NEPA:	<input type="checkbox"/> No Federal Funds	<input checked="" type="checkbox"/> Class II, CE <input type="checkbox"/> CE/Auto <input type="checkbox"/> CE/Prog <input type="checkbox"/> CE/Doc	<input type="checkbox"/> Class III, EA <input type="checkbox"/> SAFTEA-LU Applies	<input type="checkbox"/> Class I, EIS <input type="checkbox"/> SAFTEA-LU Applies
SEQR:	<input type="checkbox"/> Exempt	<input checked="" type="checkbox"/> Type II	<input type="checkbox"/> Non-Type II <input type="checkbox"/> EA -or-	<input type="checkbox"/> EIS

The following Checklist will be prepared during scoping/preliminary engineering:

- ☒ NEPA Checklist
☐ Regional Environmental Checklist
☐ Landscape Architectural/ Environmental Services IPP Report

MPO INVOLVEMENT: ☐ No ☒ Yes, TIP Name: PM on 1 Bridge in the City of Rochester
TIP Number: B11-21-MN1

TIP AMENDMENT REQUIRED: ☒ No ☐ Yes, Needed by:

STIP STATUS: ☒ On STIP ☐ Not on STIP

MOU STATUS: The PIN is not in the 2010/2011 MOU.

NOTES ON SPECIAL CIRCUMSTANCES: Scoping, design and construction are to be administered by the City Structural Engineering Office. The sponsor's project manager is Tom Hack, Senior Structures Engineer (585.428.6852).

SPECIAL TECHNICAL ACTIVITIES REQUIRED: A State-Local agreement will be required to allow for reimbursement of sponsor expenditures consistent with the applicable Federal Aid Program.

PLANNED PUBLIC INVOLVEMENT: A Public Involvement Plan indicating how the public will be made aware of the construction activities will be prepared during preliminary engineering.

WORKZONE SAFETY & MOBILITY: The Region has determined that the subject project is not significant per 23 CFR 630.1010. A Transportation Management Plan consisting of a temporary work zone traffic control plan will be prepared during preliminary engineering. Coordination with the Regional Transportation Operations Center and public information activities will be considered during final design.

PROBABLE SCHEDULE AND COST: Scoping (SLA execution and consultant acquisition) would begin in October 2012. Preliminary engineering would begin in February 2013; final design would begin in June 2013. The PS&E would be produced in October 2013 for a bid opening in December 2013. Contract award and construction start would be in February 2014. The estimated cost of design, construction, inspection, and administration is \$1,075,000.

DESIRED LETTING: 12/6/13

DESIRED CONSTRUCTION COMPLETION: 8/30/14

SCHEDULE QUALIFIERS:

- | | |
|--|--|
| <input type="checkbox"/> Public Hearing | <input type="checkbox"/> 4(f)/106 |
| <input type="checkbox"/> Major Permits | <input type="checkbox"/> Real Estate |
| <input checked="" type="checkbox"/> Consultant | <input checked="" type="checkbox"/> Other: SLA |

PROGRAMMING:

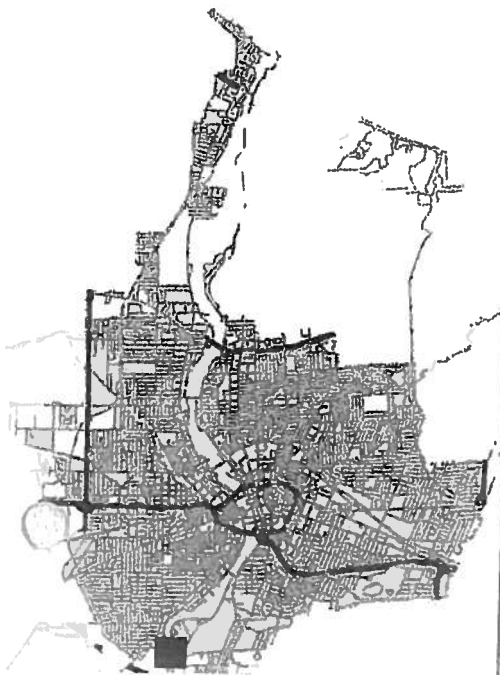
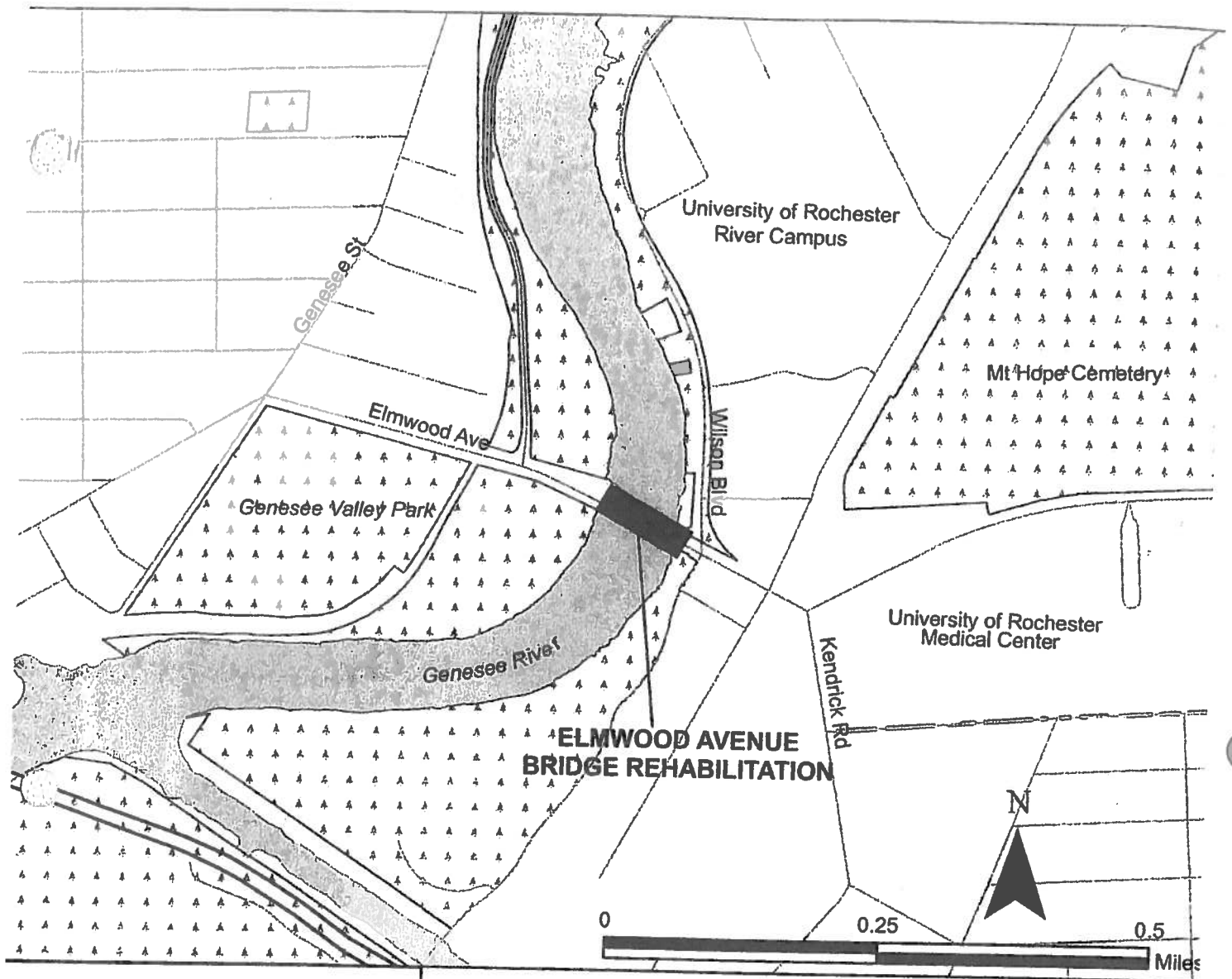
Project Phase	Activity Duration	Estimated Cost (\$m)	Fund Source	Obligation Date
Scoping	4 months	0.012	local	10/7/12
Preliminary Engineering	4 months	0.043	local	2/3/13
Final Design	4 months*	0.085	FA (HBP)	6/1/13
Construction	7 months**	0.850	FA (HBP)	10/6/13
Construction Inspection	7 months**	0.085	FA (HBP)	10/6/13
TOTAL		1.075		

* to PS&E (10/6/13) ** from award (2/6/14)

BASIS OF ESTIMATE: Sponsor's scoping report for its TIP application**PROJECT CATEGORY:** ☐ Simple ☒ Moderate ☐ Complex**STATEWIDE SIGNIFICANCE:** ☒ No ☐ Yes
Remarks:**ASSET MANAGEMENT:**

AM Team	IPP Initiator	Asset Specific Cost Share	Asset Team Specific Cost/Scope/Schedule/Concurrence
Local Projects	RPPM	\$850,000	Rick Papaj

ASSIGNED PROJECT MANAGER: Rick Papaj**PHONE:** 585 272 3466**FUNCTIONAL AREA:** Regional Planning and Program Management**IPP PREPARED BY:** Edwin Welsh**DATE:** 2/23/11



Elmwood Avenue Bridge Rehabilitation Project Location Map

FY 2011-2014 TIP

