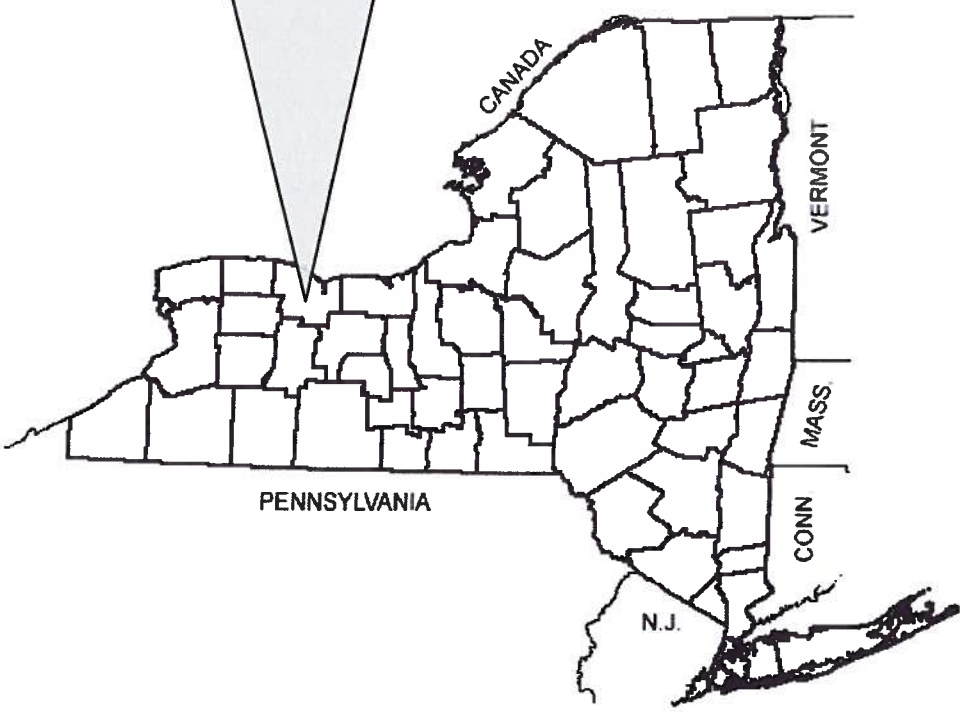
TRANSPORTATION PROJECT REPORT

FINAL DESIGN REPORT

September 2010

Sidewalk Maintenance Project
P.I.N. 4754.42
Inner Loop Sidewalk and Crosswalks And Other
Arterial Sidewalks
City of Rochester, Monroe County



City of Rochester, Department of Environmental Services

U.S. Department of Transportation Federal Highway Administration

NEW YORK STREETATE DEPARTMENT OF TRANSPORTATION
DAVID A. PATERSON, Governor STREETANLEY GEE, Acting Commissioner

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PROJECT APPROVAL SHEET

A. Recommendation for Initiation, Scope & Design Approval:

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

Robert A. Traver
Robert Traver, P.E.
Acting Regional Director

9/15/10
Date

B. Initiation and Scope Approval

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

The NYSDOT concurs with the classification of the project as a NEPA Class II, ~~Programmatic~~ Auto Categorical Exclusion as described in this document.

Daniel Hallowell
Regional Planning & Program Manager

9/14/2010
Date

C. Scope and Design Approval

This project was progressed using the NYSDOT Locally Administered Federal Aid Procedures Manual. No nonstandard features have been identified, created or retained. All requirements requisite to these actions and approvals have been met, the required independent quality control reviews have been accomplished, and the work is consistent with established standards, policies, regulations and procedures, except as otherwise noted and explained. The required environmental determinations have been made and the preferred alternative for this project is ready for final design.

James R. McIntosh, P.E.
City Engineer, Rochester, NY, Monroe County

9/11/10
Date

LIST OF PREPARERS

Group Director Responsible for Production of the Design Approval Document: Only Stamp the final report.

Albert J. Giglio, P.E., Managing Engineer/DES/A&E/Street Design Division
Description of Work Performed by Organization: Directed the preparation of the Design Approval Document in accordance with established standards, policies, regulations and procedures, except as otherwise explained in this document.

PLACE P.E. STREETAMP

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: **4754.42**

PROJECT NAME: Inner Loop Sidewalks and Crosswalks and Other Arterial Sidewalks

MUNICIPALITY: City of Rochester **COUNTY:** Monroe

ROUTE/SH #:

Inner Loop Bridges;
- Sidewalk access ramps at the Inner Loop bridge structures at N. Clinton Avenue, Joseph Avenue, North Street and Scio Street;

Emerson Street
- 5,300 LF of new sidewalk on the north side of Emerson Street from Lee Road to Mt Read Blvd;

Lexington Avenue
- 2,550 LF of new sidewalk on the north side of Lexington Avenue from Colfax Street to Mt. Read Blvd;

Driving Park Avenue
- 1,420 LF of new sidewalk on the north side of Driving Park Avenue from LaGrange Avenue to Ramona Street;

BIN: NA

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

PROJECT LENGTH: 9,270 LF of sidewalks

FEDERAL AID SYSTEM:	**FUNCTIONAL CLASS:**
• Emerson Street	Collector
• Lexington Avenue	Minor Arterial
• Driving Park Avenue	Collector

EXISTING AADT:

The most recent ADT volumes for the streets crossing the Inner Loop are:
- N Clinton Avenue: 8,479 (August 2005)
- Joseph Avenue: 9,787 (June 2001)
- North Street: 15,407 (August 2005)
- Scio Street: 8,796 (October 2001)

The most recent Average Daily Traffic (ADT) volumes for the above streets are:
- Emerson Street: 8,240 (May 2009)
- Lexington Avenue: 12,963 (May 2009)
- Driving Park Avenue: 5,763 (May 2009)

PERCENT TRUCKS: NA

EXISTING CHARACTERISTICS OF CONCERN: Many of the bridges crossing the Inner

Loop do not have handicapped accessible sidewalks because of the integral nature of the sidewalk with the bridge structure. In addition, not all City Streets have accessible ramps and sidewalks.

ELEMENT	MEASURE/INDICATOR
Sidewalk Condition	Sidewalks and access ramps are not ADA compliant

PROJECT OBJECTIVE(S): This project would make much of the Inner Loop area ADA compliant. It would provide needed accessible facilities in a harsh urban area as well as promote safe pedestrian and non-motorized travel. Specifically, the City plans to construct ADA-accessible sidewalk ramps on the North Clinton Avenue, Joseph Avenue, North Street and Scio Street bridges over the Inner Loop Expressway.

Additional sidewalk will also be built on the following streets to provide a safer environment for pedestrians.

Emerson Street
- 5,300 LF of new sidewalk on the north side of Emerson Street from Lee Road to Mt Read Blvd;

Lexington Avenue
- 2,550 LF of new sidewalk on the north side of Lexington Avenue from Colfax Street to Mt. Read Blvd;

Driving Park Avenue
- 1,420 LF of new sidewalk on the north side of Driving Park Avenue from LaGrange Avenue to Ramona Street;

PROJECT ELEMENT(S) TO BE ADDRESSED: (check all that may apply)

- ☐ Highway Element-Specific
- ☐ Bridge Element-Specific
- ☒ Other: Ramps and Sidewalk
- ☐ Operational Maintenance
- ☐ Where & When

DESCRIPTION OF PROPOSED WORK: This sidewalk project will largely involve introduction of handicapped accessible sidewalk ramps at several Inner Loop bridges within the city of Rochester along with installing sidewalks along arterial highways. While every attempt will be made to use the bridge sidewalks, intersection bump outs on frontage roads and cross Streets may be required.

PRIORITY RESULTS: ☐ Mobility & Reliability ☐ Economic Competitiveness ☒ Safety ☐ Security ☐ 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 is attached:

☒ NEPA Checklist

☒ Environmental Scoping Checklist

ENVIRONMENTAL DOCUMENTATION:

MPO INVOLVEMENT: ☐ No ☒ Yes TIP Name: Inner Loop Sidewalks and Crosswalks
TIP No.: N07-04-MN1

TIP AMENDMENT REQUIRED: ☒ No ☐ Yes Needed by:

STIP STATUS: ☒ On STIP ☐ Not on STIP

NOTES ON SPECIAL CIRCUMSTANCES: Scoping, design, and construction are to be administered by the City of Rochester. This project will be delivered through a competitive bidding process. The sponsor's Project Manager is Willy Larsen (585) 428-7099.

SPECIAL TECHNICAL ACTIVITES REQUIRED: This project is exempt from section 106 review due to the nature of the project. Work will occur in previously disturbed areas where there will be no impact to cultural resources. No other environmental permits or Agency coordination is required.

PLANNED PUBLIC INVOLVEMENT: The nature of the project is installation of sidewalk access ramps and sidewalk extensions therefore; input from residents during preliminary and final design is not being solicited. Coordination with utility companies within the project area will be required in final design, so that utility structures such as handholes, manholes, and other elements can be adjusted as needed in conjunction or in advance of the sidewalk work. 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, variable message signs (VMS), and temporary motorist information signs.

WORKZONE SAFETY & MOBILITY: The City has determined that the subject project is not significant per 23 CFR 630.1010. The project will maintain pedestrian traffic with minor sidewalk closures and localized detour route to the other side of the Street.

PROBABLE SCHEDULE AND COST: Final design of this project will begin in February of 2011; the PS&E will be produced in October of 2011 for a bid opening in December of 2011; contract award will occur in January of 2012; construction will be completed in November of 2012.

DESIRED LETTING: 1/31/2012

SCHEDULED QUALIFIERS:
☐ ~~Public Meeting~~
☐ Permits
☐ Consultant(s) for:
☐ ~~4(f)/106~~
☐ ~~Other - Identify~~
☐ No Consultant Needed

Project Phase	Activity Duration	Estimated Cost	Fund Source	Obligation Date
Design V-VI	9 Months	$50	CMAQ	09/10
Design V-VI	9 Months	$13	Local	09/10
Construction	12 Months	$500	CMAQ	10/11
Construction	12 Months	$125	Local	10/11
TOTAL		**$688**		

BASIS OF ESTIMATE: $100,000 for Inner Loop ramps, plus $12.00 per sq. ft. for sidewalk extensions.

PROGRAM DISPOSITION: Scheduled for letting in SFY 2012

PROJECT CATEGORY: ☒ Maintenance

STATEWIDE SIGNIFICANCE: ☒ No
Remarks:

ASSET MANAGEMENT (OPTIONAL): ☐ Applies ☒ Not Applicable

AM Team	IPP Initiator (Yes/No)	Asset Specific Cost Share ($M)	Asset Team Specific Cost/Scope/Schedule/Concurrence (Team Chair Signature)

ROW: The ROW Clearance Certificate will be attached to the PS&E transmittal memo.
All projects, including maintenance projects, require a Right of Way (ROW) Clearance Certificate; obtain it from the Regional Real Estate Officer. Attach it to your PS&E transmittal memo.

ASSIGNED PROJECT MANAGER: Willy Larsen, City of Rochester/DES
PHONE: (585) 428-7099

APPENDICES:
Appendix A – NEPA Checklist
Appendix B – Environmental Scoping Checklist

IPP/FDR PREPARED BY: Al Giglio, P.E. **DATE:** 9/14/2010

APPENDIX A
NEPA CHECKLIST

NEPA ASSESSMENT CHECKLIST

(Revised 12-29-03)

Date: **9/7/2010**
PIN: **4752.42**
Project Description: **Inner Loop/Sidewalk ADA-Accessible Ramps & Other Arterial Sidewalks**

Answer the following questions by checking YES or NO.

I. THRESHOLD QUESTION

1. Does the project involve unusual circumstances as described in 23 CFR •771.117(b)? **YES**☐ **NO**☒

☐ If **YES**, the project does not qualify as a Categorical Exclusion and an EA or EIS is required. You may STOP COMPLETING THE CHECKLIST.

- OR-

☐ If **NO**, continue…

II. AUTOMATIC CATEGORICAL EXCLUSION

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? **YES**☒ **NO**☐

☒ If **YES** to question 2, the project qualifies for a C List Categorical Exclusion, "Automatic Categorical Exclusion". You may STOP COMPLETING THE CHECKLIST. The checklist should be included in the appendix of the Final Design Report (or Project Scoping Report/Final Design Report). The CATEGORICAL EXCLUSION DETERMINATION memo is to be sent to the appropriate Main Office Design liaison unit with a copy of the Final Design Report (or Project Scoping Report/Final Design Report). A copy of the CATEGORICAL EXCLUSION DETERMINATION memo must also be sent to the Office of Budget and Finance, Project and Letting Management, and others (see sample DETERMINATION memo attached).

(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.)

-OR-

☐ If **NO** to question 2 above, continue below…

III. PROGRAMMATIC CATEGORICAL EXCLUSION

3. Is the project on new location or does it involve a change in the functional classification or added mainline capacity (add through-traffic lanes)? **YES**☐ **NO**☐
Clarification:

4. Is this a Type I project under 23 CFR 772, "Procedures for Abatement of Highway Traffic Noise and Construction"? YES☐ NO☐
Clarification:

5. If the project is located within the limits of a designated sole source aquifer area or the associated stream flow source area, is the drainage pattern altered? YES☐ NO☐
Clarification:

6. Does the project involve changes in travel patterns? YES☐ NO☐
Clarification:

7. Does the project involve the acquisition of more than minor amounts of temporary or permanent right-of-way (a minor amount of right-of-way is defined as not more than 10 percent of a parcel for parcels under 4 ha (10 acres) in size, 0.4 ha (1 acre) of a parcel 4 ha to 40.5 ha (10 to 100 acres) in size and 1 percent of a parcel for parcels greater than 40.5 ha (100 acres) in size? YES☐ NO☐
Clarification:

8. Does the project require a Section 4(f) evaluation and determination in accordance with the FHWA guidance? YES☐ NO☐
Clarification:

9. Does the project involve commercial or residential displacement? YES☐ NO☐
Clarification:

10. If Section 106 applies, does FHWA's determination indicate an opinion of adverse effect? YES☐ NO☐
Clarification:

11. Does the project require a ACOE Nationwide Permit #23 – Approved Categorical Exclusion?* YES☐ NO☐
Clarification:

12. Does the project require any work in wetlands requiring an "Individual" Executive Order 11990 Wetland Finding?* YES☐ NO☐
Clarification:

* Corrections as per memo dated 8/22/96, from M. Sengenberger & M. Ivey to Reg. Environmental Contacts

13. Has it been determined that the project will significantly encroach upon a flood plain based on preliminary hydraulic analysis and consideration of EO 11988 criteria as appropriate? YES☐ NO☐
Clarification:

14. Does the project involve construction in, across or adjacent to a river designated as a component proposed for or included in the National System of Wild and Scenic Rivers? YES☐ NO☐
Clarification:

15. Does the project involve any change in access control? YES☐ NO☐
Clarification:

16. Does the project involve any known hazardous materials sites or previous land uses with potential for hazardous material remains within the right-of-way? YES☐ NO☐
Clarification:

17. Does the project occur in an area where there are Federally listed endangered or threatened species or critical habitat? YES☐ NO☐
Clarification:

18. Is the project, pursuant to EPM Chapter 1A and Table 2 and Table 3 of 40 CFR Parts 51 and 93, non-exempt or does it exceed any ambient air quality standard? YES☐ NO☐
Clarification:

19. Does the project lack consistency with the New York State Coastal Zone Management Plan and policies of the Department of State, Office of Coastal Zone Management? YES☐ NO☐
Clarification:

20. Does the project impact or acquire any Prime or Unique Farmland as defined in 7 CFR Part 657 of the Federal Farmland Protection Policy Act <u>and</u> are there outstanding compliance activities necessary? (<u>Note:</u> Interpret compliance activity to mean completion of Form AD 1006.) YES☐ NO☐
Clarification:

☐ If **NO** for questions, 3-20, go on to answer question 21…

-OR- _____

☐ If **YES** to any question 3-20, project will not qualify as a Programmatic Categorical Exclusion. Answer questions 21 and 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**☐
Clarification: .

☐ 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. The checklist should be included in the appendix of the Final Design Report (or Scope Summary Memorandum/Final Design Report). The CATEGORICAL EXCLUSION DETERMINATION memo is to be sent to the appropriate Main Office Design liaison unit with a copy of the Final Design Report (or Scope Summary Memorandum/Final Design Report). A copy of the Categorical Exclusion memo must also be sent to the Office of Budget and Finance, Project and Letting Management, and others.

-OR- _____

☐ 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:

i. Provisions will be made for pedestrian access, where warranted, and access by local traffic and so posted. **YES**☐ **NO**☐
Clarification:

ii. Through-traffic dependent business will not be adversely affected. **YES**☐ **NO**☐
Clarification:

iii. The detour or ramp closure, to the extent possible, will not interfere with any local special event or festival. **YES**☐ **NO**☐
Clarification:

iv. The temporary road, detour or ramp closure does not substantially change the environmental consequences of the action. **YES**☐ **NO**☐
Clarification:

v. There is no substantial controversy

associated with the temporary road, detour or ramp closure. **YES**☐ **NO**☐
Clarification:

☐ 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. The checklist should be included in the appendix of the Final Design Report (or Scope Summary Memorandum/Final Design Report). The CATEGORICAL EXCLUSION DETERMINATION memo should be sent to the appropriate Main Office Design liaison unit with a copy of the Final Design Report (or Scope Summary Memorandum/Final Design Report.) A copy of the CATEGORICAL EXCLUSION DETERMINATION memo must also be sent to the Office of Budget and Finance, Project and Letting Management, and others.

-OR-

☐ If questions 3-20 are **NO** or effect is **clarified**, 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, etc., to be submitted to the Main Office/FHWA Design liaison unit for submission to the FHWA Division for classification of the project as a D List Categorical Exclusion, "Categorical Exclusion with Documentation".

NEPA_Checklist_Form_PIN_475442_09071010.doc

APPENDIX B
ENVIRONMENTAL SCOPING CHECKLIST

Environmental Scoping Checklist

PIN: 4754.42	DESIGNER: A. Giglio
DESCRIPTION: Inner Loop Sidewalk and Crosswalks and other Arterial Sidewalks	ENVIRON. CONTACT:
TOWN/CITY: Rochester, New York	DATE: 09/07/2010
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	☐	☒	☐	
2.	Parkland - Nationwide 4(f), Section 4(f), Section 6(f), Section 1010	☐	☒	☐	
3.	Historic & Archaeological Resources - General and/or Section 4(f)	☐	☒	☐	
4.	Natural Landmarks	☐	☒	☐	
5.	Visual Resources	☐	☒	☐	
6.	Coast Guard Bridge Permit	☐	☒	☐	
7.	Floodplains	☐	☒	☐	
8.	Wetlands - Federal	☐	☒	☐	
9.	Executive Order 11990	☐	☒	☐	
10.	Wetlands - State - Article 24 (Freshwater) or Article 25 (Tidal) Permit	☐	☒	☐	
11.	Corps of Engineers - Section 10 or 404, Nationwide or Individual Permits	☐	☒	☐	
12.	Water Quality Certification - Section 401	☐	☒	☐	
13.	Water Quality Analysis	☐	☒	☐	
14.	Sole Source Aquifer	☐	☒	☐	
15.	SPDES Stormwater Permit	☐	☒	☐	
16.	Wild, Scenic & Recreational Rivers - Federal or State	☐	☒	☐	
17.	Coastal Zone Management	☐	☒	☐	
18.	Critical Environmental Areas	☐	☒	☐	
19.	Endangered or Threatened Species	☐	☒	☐	
20.	Farmland or Agricultural District	☐	☒	☐	
21.	Scenic Roads	☐	☒	☐	
22.	Air Quality Analysis	☐	☒	☐	
23.	Noise Analysis	☐	☒	☐	
24.	Energy Analysis	☐	☒	☐	
25.	Asbestos	☐	☒	☐	

26.	Hazardous Waste	☐	☒	☐	
	Other Issues (list)	☐	☐	☐	
27.		☐	☐	☐	
28.		☐	☐	☐	
29.		☐	☐	☐	
30.		☐	☐	☐	

All supporting documentation can be located in the Environmental Appendix.