2014-2017 Transportation Improvement Program (TIP)
Project Application Form

Internal Use Only

Prop # _____

Mode _____

SECTION 1. GENERAL PROJECT INFORMATION (*Required)*

Project Name: Lyell Av (City Line - Belknap)

Applicant: City of Rochester

Project Location & Limits (attach required Map): Lyell Av (City Line - Belknap)

Implementing Agency (if different from Applicant): _____

Contact Person: Jim R. McIntosh, P.E. Title: City Engineer

Organization: City of Rochester

Address: City Hall, Room 300B
30 Church Street
Rochester, NY 14614

Phone: 428-6828 Fax:428-6253 E-Mail: jim.mcintosh@cityofrochester.gov

Municipality/County: City of Rochester

Is this project in or was it deferred from the 2011-2014 TIP in December 2011? Yes ☐ No ☒

If "Yes", what is the TIP Number? _____

Project Type (check one): Rehabilitation ☐ Reconstruction ☐ New Construction ☐
Preventive Maintenance ☒ Vehicle Replacement ☐ Other ☐

Project Description (Please limit description to 10 lines):
The project includes the milling 1 1/2" and resurfacing 1 1/2" of the existing pavement along with spot base repair, spot curb repair, sidewalk repair inclusive of installation of handicap ramps as well as equipping existing ramps with truncated domes, adjustment of sewer and water castings along with repairing receiving basins, and replacement of traffic loops pavement markings.

Describe existing versus proposed features and conditions. Highway and Bridge projects must include the number, length, and width of lanes (Please limit description to 6 lines):
Water is infiltrating the sub-base thereby compromising the structural capacity and making it susceptabe to accelerated damage which may require extensive base reconstruction in the future. These street segments consist of .71 miles long consisting of 2.85 lane miles. The cross section consists of primarily 4 (10' - 12') travel lanes (two in each direction). The geometrics are proposed to remain the same. All pavement marking layout will be evaluated for the purpose of improving safety and incorporation of bicycle lanes or other lane features.

Explain the need for this project (Please limit justification to 6 lines):
Preventive Maintenance is important for maintaining City streets in good condition and to extend the life of streets to avoid the high costs of total street reconstruction. This treatment will help assure that at least a 60 year pavement reconstruction cycle can be maintained thereby protecting the public's investment in City streets, including many streets which have been reconstructed with federal transportation funds. This project will provide an additional 15 years of service life.

How will this project address the specific issues that have created this need? (Please limit justification to 6 lines):
The project will replace the oxidized wearing surface and rehabilitate the pavement's structure. Handicap accessibilty will be upgraded. Currently limited funds targeted for handicap accessibility are directed to special request areas where ramps do not exist. Surface drainage and riding quality will be improved which will help preserve existing investment within the pavement structure.

Primary Mode:	Highway & Bridge	☒	System Management & Operations	☐
(check only one)	Bicycle & Pedestrian	☐	Goods Movement	☐
	Public Transportation	☐	Other (Water Transport, TDM, etc.)	☐

Is the project multi-jurisdictional or on another jurisdiction's system? Yes ☐ No ☒

If yes, has the applicant received concurrence from the other jurisdiction(s)? Yes ☐ No ☐

If yes, please provide a copy of a letter of concurrence for the project.

If applicant is proposing multiple projects, what is this project's priority? 3 (e.g., 1 = first priority)

SECTION 2. DETAILED PROJECT INFORMATION (*Required*)

Estimated Project Costs in current year dollars and Schedule:

Project Phase	Total Project Cost ($)	Federal Funds Requested ($)	Desired Obligation Date (Month/Year)
S	$0.00	$0.00	
P	$0.00	$0.00	
D	$51,000.00	$41,000.00	Oct-13
N	$0.00	$0.00	
R	$0.00	$0.00	
C	$633,000.00	$507,000.00	Oct-14
I	$108,000.00	$87,000.00	Oct-14
O	$0.00	$0.00	
TOTAL	$792,000.00	$635,000.00	

S – Scoping P – Preliminary Engineering D – Detailed Design N – Right of Way Incidentals
R – Right of Way Acquisition C – Construction I – Construction Inspection O – Other

a. Estimated Project Costs and Schedule is based on:

Professional Judgment ☒ Scoping Report ☐
Preliminary Engineering Report ☐ PS&E review ☐
Other _____

b. Does the cost estimate include a contingency? Yes ☐ No ☒

If yes, what is the contingency as a percentage of the total project cost? _____%

c. Likely source(s) and amounts of matching funds (assume a minimum 20% local match requirement):

Source	Amount ($)
$148.6k St & $1k Water Bond / Cash Capital Funds	$149,600.00
Monroe County Traffic	$3,600.00
Rochester Pure Waters District	$5,800.00

Note: Applicants cannot presume Marchiselli funds will be available for the project; the availability of Marchiselli funds will be determined on a project-by-project basis by NYSDOT and allocated on an annual basis after the TIP is adopted.

Describe any additional financial or non-financial resources that leverage federal funds (i.e., over and above the 20% local match required).

_____

Describe the recommendations of any specific plans or studies that the project will advance.
The City's Streeet Treatment Program recommends the 15 year resurfacing treatment cycle on local collector and above functional classification streets. This is based on the 1981 Street Maintenance Task Force Report.

Describe any supportive local policies/regulations in place/pending that support the project's success.
_____

Please describe how this project increases the region's attractiveness to new and/or existing businesses; addresses the needs of seniors; supports the regional food system; promotes physical activity; mitigates the impacts of severe weather events; and/or reduces dependence on foreign oil.
The City's preventive maintenance program will keep City streets in good condition for the mobility and accessibility of City businesses and for other businesses which use City streets for urban goods delivery. Helps to maintain an environment to conduct business and a pleasing environment to live in.

Please provide other information that supports this project for potential inclusion in the TIP.
Maintains roadways in good condition and thereby defers requests for future infrastructure replacement with Federal Funds and or local funds.

SECTION 3. MODE-SPECIFIC INFORMATION

HIGHWAY OR BRIDGE PROPOSALS

(Complete only if you circled the "Highway & Bridge" mode category in SECTION 1)

1. What is the Functional Classification?

Principal Arterial	☐	Rural Major Collector	☐
Minor Arterial	☒	Rural Minor Collector	☐
Urban Collector	☐	Local Road	☐

2. What is the nature of the proposed work (e.g., rehabilitation, reconstruction, preventive maintenance, etc.)? Please describe.

   Preventive maintenance

3. What is the Average Daily Traffic (ADT)* of this facility: - Year: _____

4. What is the expected Pavement Condition Score* of this facility at the time the project is proposed to be constructed: 5 Year: 2013

5. What is the Bridge Identification Number (BIN)? (required for Bridge projects) _____

If you are proposing a Highway Preventive Maintenance project, please answer questions 6, 7, and 9 otherwise, skip to question 10. Note: facilities must be projected to have a Pavement Condition Score of 7 or higher after treatment to be eligible for Preventive Maintenance.

6. What is the proposed treatment (e.g., thin overlay, concrete joint resealing, concrete pavement restoration, etc.)? Please describe.

   Milling & resurfacing with 1.5 inches of asphalt.

7. How many lane miles will this project cover? 2.85 Center line miles? .71

If you are proposing a Bridge Preventive Maintenance project, please answer questions 8 and 9, otherwise, skip to question 10. Note: in accordance with FHWA requirements, Preventive Maintenance funds cannot be used if the National Bridge Inventory (NBI) Superstructure rating or Substructure rating is less than 5 in the year the funds are programmed.

8. What is the proposed treatment (e.g., joint repair, bearing repair, deck repair, painting, etc.)? Please describe.

   _____

* *See TIP Guidebook Contact Page for sources of supporting information (e.g. Pavement Ratings, Traffic Counts, etc.)*

9. How many years will the treatment last before additional treatments are needed? 15

10. Will the project address a PIL, HAL, SDL** or other safety concern identified through an accepted safety priority ranking system? Yes ☐ No ☒

Identify safety ranking system and specific concern: _____

** PIL – Priority Incident Location information available from NYSDOT
HAL – High Accident Location information available from NYSDOT
SDL – Safety Deficiency Location information available from NYSDOT

(See TIP Guidebook Contact Page for NYSDOT contact information)

11. Describe how the project will improve safety and (if applicable) decrease crash-related fatalities.

_____

12. How long is the most viable detour if this facility had to close due to condition? 0 miles

Please list the roads and bridges that comprise the proposed detour route and note any restrictions that necessitate this route as opposed to a shorter one:

No detour

13. Is the facility currently closed or restricted (e.g., weight, height, etc.)? Yes ☐ No ☒

If yes, what is the restriction? _____

14. Is the project located on or will it intersect with a transit route? Yes ☒ No ☐

If yes, which route(s)? RGRTA

15. Is the project on a school bus or walking route(s)? Yes ☒ No ☐

16. Will the project add travel lanes (capacity)? Yes ☐ No ☒

17. Will the project include bicycle accommodations? Yes ☒ No ☐

Describe: Bike Lanes?

18. Will the project include pedestrian accommodations? Yes ☒ No ☐

Describe: Bring crosswalks up to ADA standards and provide high visibility crosswalks

* *See TIP Guidebook Contact Page for sources of supporting information (e.g. Pavement Ratings, Traffic Counts, Regional Trails Initiative, etc.)*

19. Will the project include transit accommodations? Yes ☒ No ☐

Describe: Numerous transit stops

20. Will the project include goods movement accommodations? Yes ☒ No ☐

Describe: Only in the sense that trucks will be using the treated streets for urban goods delivery

21. Will the project involve new construction of a roadway on a new alignment one mile or longer? Yes ☐ No ☒

22. Will the project involve widening a roadway to provide additional through traffic lanes one mile or longer? Yes ☐ No ☒

23. Will the project involve widening a roadway to provide a new continuous turn lane two miles or longer, or affecting five or more signalized intersections? Yes ☐ No ☒

24. Will the project involve widening or reallocation of lane use for or by High Occupancy Vehicles (HOV) one mile or longer? Yes ☐ No ☒

25. Will the project involve adding grade-separated ramps or new interchanges? Yes ☐ No ☒

26. Will the project involve any Break-in-Access, including those privately funded, requiring FHWA approval action? Yes ☐ No ☒

27. Will the project involve coordinating or upgrading signal systems encompassing at least 10 signalized intersections and at least 2.5 miles of roadway? Yes ☐ No ☒

* *See TIP Guidebook Contact Page for sources of supporting information (e.g. Pavement Ratings, Traffic Counts, Regional Trails Initiative, etc.)*

PUBLIC TRANSPORTATION PROPOSALS

(Complete only if you circled the "Public Transportation" mode category in SECTION 1)

1. Will the project (check one):
   a. Replace existing vehicles? ☐
   b. Increase fleet size/capacity to serve new riders? ☐
   c. Provide public transportation amenities (e.g., shelters, signage, etc.)? ☐
   d. Other (e.g., operations, maintenance, etc.) ☐

2. Will the project contribute to operating cost efficiencies? Yes ☐ No ☐
   Describe: _____

3. Will the project improve transit on-time performance? Yes ☐ No ☐
   Describe: _____

4. Will the project affect median transit load factors? Yes ☐ No ☐
   Describe: _____

5. Will the project expand mobility options for persons traditionally not well served by the transportation system? Yes ☐ No ☐
   Describe: _____

6. Will the project enhance public transportation access to/from employment, education, services, and/or community facilities? Yes ☐ No ☐
   Describe: _____

7. Will the project address emerging trip-making patterns (e.g., intra-suburban, suburb-to-suburb, reverse commute)? Yes ☐ No ☐
   Describe: _____

8. Will the project contribute to cost-effective maintenance or use of existing capital assets (e.g., shelters, transfer facilities, etc.)? Yes ☐ No ☐

Describe: _____

9. Will the project improve the convenience and attractiveness of the existing public transportation system? Yes ☐ No ☐

Describe the direct and material fashion in which this occurs:

_____

10. Will the project involve new bus service or extension of existing service five miles or longer? Yes ☐ No ☐

11. Will the project involve purchasing new vehicles (not replacement) to support increased frequency or higher ridership? Yes ☐ No ☐

12. Will the project involve new or expanded exclusive park and ride facilities resulting in at least 100 new parking spaces? Yes ☐ No ☐

BICYCLE & PEDESTRIAN PROPOSALS

(Complete only if you circled the "Bicycle & Pedestrian" mode category in SECTION 1)

1. Will the project (check one):

   Construct a new bicycle and/or pedestrian facility? ☐

   Reconstruct/rehabilitate an existing bicycle and/or pedestrian facility? ☐

   Other project type (bicycle parking, signage, etc.)? ☐

2. Will the project address a recognized safety concern? Yes ☐ No ☐

   Describe: _____

3. Describe how the project will decrease crash-related fatalities of bicyclists and pedestrians.

   _____

4. Will the project enhance bicycle and/or pedestrian access to/from employment, education, services, and/or community facilities? Yes ☐ No ☐

   Describe: _____

5. Will the project construct an accessible facility or correct an existing inaccessible facility per the standards established by the Americans with Disabilities Act of 1990? Yes ☐ No ☐

   Describe: _____

6. Will the project employ accepted design standards and/or guidance (e.g., AASHTO, ADAAG, State Design Manual, etc.)? Yes ☐ No ☐

   Describe: _____

7. Will the project improve connections with the existing transportation system? Yes ☐ No ☐

   Describe: _____

8. Is project located on or will it intersect with a transit route? Yes ☐ No ☐

   If yes, which route(s)? _____

9. Will the project improve the convenience and attractiveness of the bicycle and/or pedestrian network? Yes ☐ No ☐

   Describe the direct and material fashion in which this occurs:

   _____

10. If you are proposing a multi-use trail, is the project identified in the GTC Regional Trails Initiative? * Yes ☐ No ☐

    If yes, which implementation time frame is the project listed in?

    Near-Term ☐ Mid-Term ☐ Long-Term ☐

    Please note that bicycle and/or pedestrian projects submitted for consideration in the TIP must have an integral relationship to the surface transportation system (i.e., projects cannot be stand-alone facilities which are not connected to the existing transportation system and their principal purpose must be for transportation, not solely for recreation).

** See TIP Guidebook Contact Page for source of information on the Regional Trails Initiative*

SYSTEM MANAGEMENT AND OPERATIONS PROPOSALS

(Complete only if you circled the "System Management and Operations" mode category in SECTION 1)

1. What is the nature of the proposed work (e.g., conduit installation, dynamic message sign deployment, operations staffing, etc.)? Please describe.

_____

2. Will the project improve traveler safety (e.g., reduce accident rates, reduce severity of accidents, etc.)? If so, how?

_____

3. Will the project improve traveler mobility and reliability (e.g., reduce travel time delay, travel time variability, etc.)? If so, how?

_____

4. Will the project improve regional transportation system efficiency (e.g., reduce incident clearance times, increase throughput, etc.)? If so, how?

_____

5. Will the project increase the productivity of regional transportation agencies/providers (e.g., cost savings, time savings, etc.)? If so, how?

_____

6. Will the project contribute to regional energy conservation and/or environmental protection (e.g., reduce emission levels, reduce fuel consumption, etc.)? If so, how?

_____

7. Is the project identified in the *Intelligent Transportation Systems Strategic Plan for Greater Rochester* and/or the Rochester Regional ITS Architecture?* Please describe.

_____

8. Will the project support or advance existing and/or proposed ITS elements? If so, how?

_____

** See TIP Guidebook Contact Page for source of information on the Intelligent Transportation Systems Strategic Plan for Greater Rochester* and/or the Rochester Regional ITS Architecture

GOODS MOVEMENT PROPOSALS

(Complete only if you circled the "Goods Movement" mode category in SECTION 1)

1. If truck-related, is the project (check one):

   Maintenance related? ☐

   Capacity improvement? ☐

   Other project type (e.g., truck route designation, truck-only lane, etc.)? ☐

   If rail-related, does the project (check one):

   Construct new railroad track? ☐

   Reconstruct/rehabilitate/upgrade existing railroad track? ☐

   Other project type (e.g., safety improvements, etc.) ☐

2. Will the project address an existing safety concern? Yes ☐ No ☐

   Describe: _____

3. Will the project remove a physical barrier to or improve goods movement? Yes ☐ No ☐

   Describe: _____

4. Is the project identified in *Transportation Strategies for Freight and Goods Movement in the Genesee-Finger Lakes Region* (i.e., the freight plan for the region)?* Please describe.

   _____

OTHER MODES (Water Transport, TDM, etc.)

(Complete only if you circled the "Other" mode category in SECTION 1)

Please use the space below to expand, if necessary, on the information provided in Sections 1 and 2.

_____