

Appendix F

Miscellaneous

Design Resource Estimate

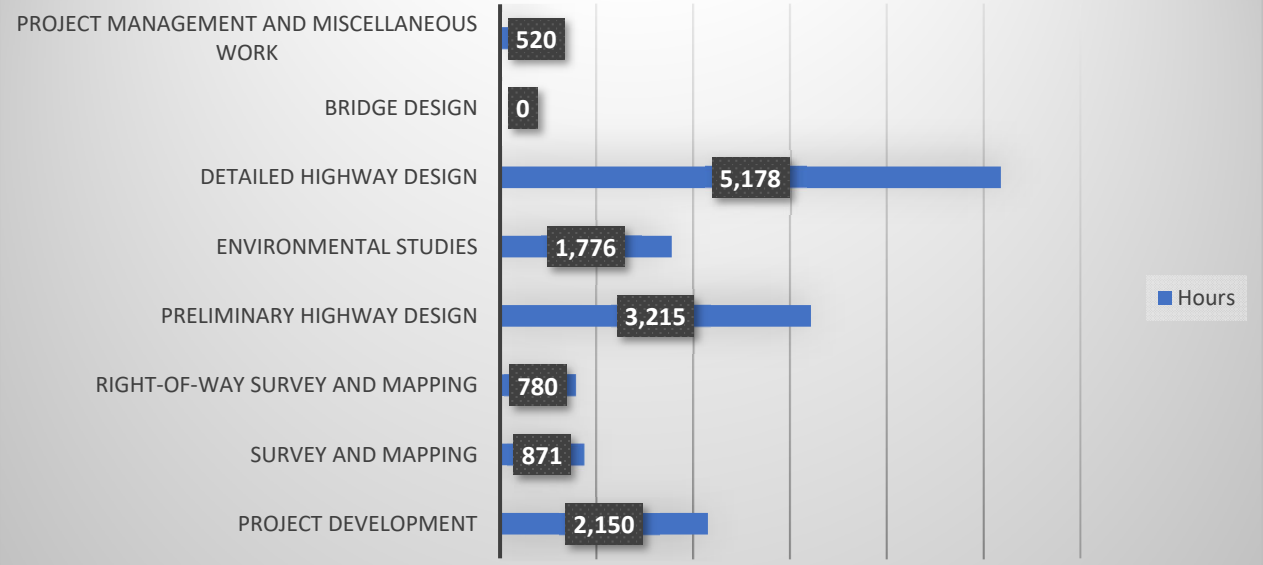
Smart Growth Screening Tool

BASE SCOPE OF SERVICES - RESOURCE HOURS ESTIMATE

PROJECT:	1236.29 - Route 29 & Rowland St. Intersection Improvements	DATE:	4/20/2023 13:31
1000	PROJECT DEVELOPMENT		
1100	Project Data Development		1029
1200	Project Scoping Analyses		192
1300	Pavement Evaluation		168
1400	Development of Project Scoping Alternatives		417
1500	Scope Approval Document		344
1900	Miscellaneous Project Scoping Tasks		0
2000	SURVEY AND MAPPING		
2100	Design Survey		349
2200	Design Mapping		384
2300	Geotechnical Survey and Mapping		72
2900	Miscellaneous Survey		66
3000	RIGHT-OF-WAY (ROW) SURVEY AND MAPPING		
3100	ROW Survey and Analysis		268
3200	Preliminary ROW Mapping		280
3300	Detailed ROW Mapping		232
4000	PRELIMINARY HIGHWAY DESIGN		
4100	Preliminary Studies		584
4200	Development of Design Alternatives		945
4300	Development of Draft Design Approval Document (DAD)		550
4400	Advisory Agency Review		148
4500	Public Involvement Activities		838
4600	Development of Final Design Approval Document		150
4700	Miscellaneous Preliminary Highway Design		0
5000	ENVIRONMENTAL STUDIES		
5010	Social, Economic, and Environmental Considerations		84
5020	Assistance with Permits and Certification		72
5030	Noise Study		0
5040	Air Quality Study		0
5050	General Ecology and Endangered Species		88
5060	Surface Water Identification and Evaluation		0
5070	State-regulated Wetlands		0
5080	Federal-jurisdictional Wetlands		348
5090	Wetland Mitigation		0
5100	Navigable Waters		0
5110	Coastal Zone Management		0
5120	Wild, Scenic, and Recreational Rivers		0
5130	Surface Water Quality		256
5140	Ground Water Quality		48
5150	Hydraulics and Flood Plain Evaluation		24
5160	Cultural Resources		40
5170	Programmatic Section 4(f) Evaluation		0
5180	Section 4(f) Evaluation		0
5190	Section 6(f) Evaluation		0

5000	ENVIRONMENTAL STUDIES - CONTINUED	
5200	Hazardous Waste/Contaminated Materials Screening	328
5210	Hazardous Waste/Contaminated Materials Detailed Site Assessment	488
5220	Hazardous Waste/Contaminated Materials Remediation Plan	0
5230	Asbestos Assessment: Preliminary Investigation	0
5240	Asbestos Assessment: Sampling, Testing, and Abatement Removal Design	0
5250	Farmland Protection	0
5260	Energy Analysis	0
5270	Visual Impact Assessment	0
5910	Environmental Hearing	0
5920	Cultural Resources Summary Documentation	0
5930	Cultural Resources Data Recovery	0
5940	Reevaluation Statement	0
5950	Miscellaneous Environmental Work	0
6000	DETAILED HIGHWAY DESIGN	
6100	Cost Estimating	330
6200	Advanced Detailed Plans (ADP's) - Contract Drawings	65
6300	ADP Associated Materials	2421
6400	ADP Submission, Revision, and Comment Resolution	1544
6500	Final Plans, Specifications, and Estimates (Design Phase VI)	818
6600	Miscellaneous	0
7000	BRIDGE DESIGN	
7100	Preliminary Bridge Design	0
7200	Detailed Bridge Design	0
8000	PROJECT MANAGEMENT AND MISCELLANEOUS WORK	
8100	Project Familiarization	52
8200	Project Reporting	143
8300	Project Coordination	136
8400	Constructability Review	0
8500	Constructability Review Support	0
8600	Construction Support Services	166
8700	Management of Subcontractors	0
8800	Nonproductive Training	0
8900	Miscellaneous	24
TOTAL ESTIMATED PROJECT HOURS		14,490
ESTIMATED RESOURCE COST		\$2,695,542

Total Hours by Section



Smart Growth Screening Tool

PIN 1236.29

Prepared By: Valerie Deane, Senior Transportation Analyst (6/7/2023)

Smart Growth Screening Tool (STEP 1)

NYSDOT & Local Sponsors – Fill out the Smart Growth Screening Tool until the directions indicate to **STOP** for the project type under consideration. For all other projects, complete answering the questions. For any questions, refer to [Smart Growth Guidance](#) document.

Title of Proposed Project: NY 29 at Rowland Street Intersection Safety Improvements

Location of Project: Town of Milton and City of Saratoga Springs, Saratoga County

Brief Description: Replace intersection with roundabout to improve safety

A. Infrastructure:

Addresses SG Law criterion a. –

(To advance projects for the use, maintenance or improvement of existing infrastructure)

1. Does this project use, maintain, or improve existing infrastructure?

Yes ☒

No ☐

N/A ☐

Explain: (use this space to expand on your answers above – the form has no limitations on the length of your narrative)

The project replaces the existing intersection between NY 29 and Rowland Street to improve the safety of the area.

Maintenance Projects Only

a. Continue with screening tool for the four (4) types of maintenance projects listed below, as defined in **NYSDOT PDM Exhibit 7-1 and described in 7-4:**

<https://www.dot.ny.gov/divisions/engineering/design/dqab/pdm>

- ➡ Shoulder rehabilitation and/or repair;
- ➡ Upgrade sign(s) and/or traffic signals;
- ➡ Park & ride lot rehabilitation;

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- ➔ 1R projects that include single course surfacing (inlay or overlay), per Chapter 7 of the NYSDOT Highway Design Manual.
- b. For all other maintenance projects, **STOP here**. Attach this document to the programmatic [Smart Growth Impact Statement and signed Attestation](#) for Maintenance projects.

For all other projects (**other than maintenance**), continue with screening tool.

B. Sustainability:

NYSDOT defines Sustainability as follows: A sustainable society manages resources in a way that fulfills the community/social, economic and environmental needs of the present without compromising the needs and opportunities of future generations. A transportation system that supports a sustainable society is one that:

- ➔ Allows individual and societal transportation needs to be met in a manner consistent with human and ecosystem health and with equity within and between generations.
- ➔ Is safe, affordable, and accessible, operates efficiently, offers choice of transport mode, and supports a vibrant economy.
- ➔ Protects and preserves the environment by limiting transportation emissions and wastes, minimizes the consumption of resources and enhances the existing environment as practicable.

For more information on the Department's Sustainability strategy, refer to Appendix 1 of the Smart Growth Guidance and the NYSDOT web site, www.dot.ny.gov/programs/greenlites/sustainability

(Addresses SG Law criterion j : to promote sustainability by strengthening existing and creating new communities which reduce greenhouse gas emissions and do not compromise the needs of future generations, by among other means encouraging broad based public involvement in developing and implementing a community plan and ensuring the governance structure is adequate to sustain and implement.)

1. Will this project promote sustainability by strengthening existing communities?

Yes ☒ No ☐ N/A ☐

2. Will the project reduce greenhouse gas emissions?

Yes ☐ No ☒ N/A ☐

Explain: (use this space to expand on your answers above)

This project will replace the intersection between NY 29 and Rowland Street with a roundabout, increasing the safety of the area, and lowering the speed of traffic.

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C. Smart Growth Location:

Plans and investments should preserve our communities by promoting its distinct identity through a local vision created by its citizens.

(Addresses SG Law criteria b and c: to advance projects located in municipal centers; to advance projects in developed areas or areas designated for concentrated infill development in a municipally approved comprehensive land use plan, local waterfront revitalization plan and/or brownfield opportunity area plan.)

1. Is this project located in a developed area?

Yes ☐ No ☒ N/A ☐

2. Is the project located in a municipal center?

Yes ☐ No ☒ N/A ☐

3. Will this project foster downtown revitalization?

Yes ☐ No ☐ N/A ☒

4. Is this project located in an area designated for concentrated infill development in a municipally approved comprehensive land use plan, waterfront revitalization plan, or Brownfield Opportunity Area plan?

Yes ☐ No ☒ N/A ☐

Explain: (use this space to expand on your answers above)

The intersection is located in a rural area of the Town of Milton, although the project limits extend into the City of Saratoga Springs to the east on NY 29.

D. Mixed Use Compact Development:

Future planning and development should assure the availability of a range of choices in housing and affordability, employment, education transportation and other essential services to encourage a jobs/housing balance and vibrant community-based workforce.

(Addresses SG Law criteria e and i: to foster mixed land uses and compact development, downtown revitalization, brownfield redevelopment, the enhancement of beauty in public spaces, the diversity and affordability of housing in proximity to places of employment, recreation and commercial

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development and the integration of all income groups; to ensure predictability in building and land use codes.)

1. Will this project foster mixed land uses?

Yes ☐ No ☐ N/A ☒

2. Will the project foster brownfield redevelopment?

Yes ☐ No ☐ N/A ☒

3. Will this project foster enhancement of beauty in public spaces?

Yes ☐ No ☐ N/A ☒

4. Will the project foster a diversity of housing in proximity to places of employment and/or recreation?

Yes ☐ No ☐ N/A ☒

5. Will the project foster a diversity of housing in proximity to places of commercial development and/or compact development?

Yes ☐ No ☐ N/A ☒

6. Will this project foster integration of all income groups and/or age groups?

Yes ☐ No ☐ N/A ☒

7. Will the project ensure predictability in land use codes?

Yes ☐ No ☐ N/A ☒

8. Will the project ensure predictability in building codes?

Yes ☐ No ☐ N/A ☒

Explain: (use this space to expand on your answers above)

The project will not affect municipal land use or building codes.

E. Transportation and Access:

NYS DOT recognizes that Smart Growth encourages communities to offer a wide range of transportation options, from walking and biking to transit and automobiles, which increase people's access to jobs, goods, services, and recreation.

(Addresses SG Law criterion f: to provide mobility through transportation choices including improved public transportation and reduced automobile dependency.)

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1. Will this project provide public transit?

Yes ☐ No ☒ N/A ☐

2. Will this project enable reduced automobile dependency?

Yes ☒ No ☐ N/A ☐

3. Will this project improve bicycle and pedestrian facilities (such as shoulder widening to provide for on-road bike lanes, lane striping, crosswalks, new or expanded sidewalks or new/improved pedestrian signals)?

Yes ☐ No ☒ N/A ☐

(Note: Question 3 is an expansion on question 2. The recently passed Complete Streets legislation requires that consideration be given to complete street design features in the planning, design, construction, reconstruction and rehabilitation, but not including resurfacing, maintenance, or pavement recycling of such projects.)

Explain: (use this space to expand on your answers above)

The project replaces the existing intersection with a roundabout, lowering speeds through the intersection. While the project does not specifically address bicycle or pedestrian facilities, reducing the travel speeds and improving the safety through the intersection will improve bicycle accessibility.

F. Coordinated, Community-Based Planning:

Past experience has shown that early and continuing input in the transportation planning process leads to better decisions and more effective use of limited resources. For information on community based planning efforts, the MPO may be a good resource if the project is located within the MPO planning area.

(Addresses SG Law criteria g and h: to coordinate between state and local government and inter-municipal and regional planning; to participate in community based planning and collaboration.)

1. Has there been participation in community-based planning and collaboration on the project?

Yes ☐ No ☒ N/A ☐

2. Is the project consistent with local plans?

Yes ☒ No ☐ N/A ☐

3. Is the project consistent with county, regional, and state plans?

Yes ☒ No ☐ N/A ☐

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4. Has there been coordination between inter-municipal/regional planning and state planning on the project?

Yes ☒ No ☐ N/A ☐

Explain: (use this space to expand on your answers above)

Improving the safety of the intersection is consistent with local and state plans.

G. Stewardship of Natural and Cultural Resources:

Clean water, clean air and natural open land are essential elements of public health and quality of life for New York State residents, visitors, and future generations. Restoring and protecting natural assets, and open space, promoting energy efficiency, and green building, should be incorporated into all land use and infrastructure planning decisions.

(Addresses SG Law criterion d :To protect, preserve and enhance the State's resources, including agricultural land, forests surface and ground water, air quality, recreation and open space, scenic areas and significant historic and archeological resources.)

1. Will the project protect, preserve, and/or enhance agricultural land and/or forests?

Yes ☐ No ☐ N/A ☒

2. Will the project protect, preserve, and/or enhance surface water and/or groundwater?

Yes ☐ No ☒ N/A ☐

3. Will the project protect, preserve, and/or enhance air quality?

Yes ☐ No ☐ N/A ☒

4. Will the project protect, preserve, and/or enhance recreation and/or open space?

Yes ☐ No ☐ N/A ☒

5. Will the project protect, preserve, and/or enhance scenic areas?

Yes ☐ No ☐ N/A ☒

6. Will the project protect, preserve, and/or enhance historic and/or archeological resources?

Yes ☒ No ☐ N/A ☐

Explain: (use this space to expand on your answers above)

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Minor impacts to nearby federal jurisdictional wetlands are proposed; however, there is no practicable alternative to construction in the wetlands, and all practicable measures to minimize harm to the wetland will be incorporated.

The NYSDOT Regional Cultural Resources coordinator has reviewed the project scope and location for an assessment of obligations under the National Historic Preservation Act of 1966, Section 106 and NY State Historic Preservation Act of 1980, Section 14.09 for this federally permitted project. The project area was screened for historic resources and archaeological sensitivity using the NY State Historic Preservation Office's Cultural Resources Information System (CRIS) database. A cultural resources Phase I survey needs to be completed for the proposed driveway location prior to NYSDOT consulting with SHPO and FHWA to complete the Section 106 process.

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Smart Growth Impact Statement (STEP 2)

NYSDOT: Complete a Smart Growth Impact Statement (SGIS) below using the information from the Screening Tool.

Local Sponsors: The local sponsors are **not** responsible for completing a Smart Growth Impact Statement. Proceed to **Step 3**.

Smart Growth Impact Statement

PIN: 1236.29

Project Name: NY 29 at Rowland Street Intersection Safety Improvements

Pursuant to ECL Article 6, this project is compliant with the New York State Smart Growth Public Infrastructure Policy Act. This project has been determined to meet the relevant criteria, to the extent practicable, described in ECL Sec. 6-0107. Specifically, the project:

- ➡ replaces the intersection between NY 29 and Rowland Street with a roundabout.
- ➡ reduces vehicle speeds and improves the safety of the intersection.
- ➡
- ➡
- ➡
- ➡

This publically supported infrastructure project complies with the state policy of maximizing the social, economic and environmental benefits from public infrastructure development. The project will not contribute to the unnecessary costs of sprawl development, including environmental degradation, disinvestment in urban and suburban communities, or loss of open space induced by sprawl.

Smart Growth Screening Tool

Review & Attestation Instructions (STEP 3)

Local Sponsors: Once the Smart Growth Screening Tool is completed, the next step is to submit the project certification statement (**Section A**) to Responsible Local Official for signature. After signing the document, the completed Screening Tool and Certification statement should be sent to NYSDOT for review as noted below.

NYSDOT: For state-let projects, the Screening Tool and SGIS is forwarded to Regional Director/ RPPM/Main Office Program Director or designee for review, and upon approval, the attestation is signed (**Section B.2**). For locally administered projects, the sponsor's submission and certification statement is reviewed by NYSDOT staff, the appropriate box (**Section B.1**) is checked, and the attestation is signed (Section B.2).

A. CERTIFICATION (LOCAL PROJECT)

I HEREBY CERTIFY, to the best of my knowledge, all of the above to be true and correct.

Preparer of this document:

Signature

Date

Title

Printed Name

Responsible Local Official (for local projects):

Signature

Date

Title

Printed Name

Smart Growth Screening Tool

B. ATTESTATION (NYSDOT)

1. I HEREBY:

☒ Concur with the above certification, thereby attesting that this project is in compliance with the State Smart Growth Public Infrastructure Policy Act

☐ Concur with the above certification, with the following conditions (information requests, confirming studies, project modifications, etc.):

(Attach additional sheets as needed)

☐ do not concur with the above certification, thereby deeming this project ineligible to be a recipient of State funding or a subrecipient of Federal funding in accordance with the State Smart Growth Public Infrastructure Policy Act.

2. **NOW THEREFORE**, pursuant to ECL Article 6, this project is compliant with the New York State Smart Growth Public Infrastructure Policy Act, to the extent practicable, as described in the attached Smart Growth Impact Statement.

NYSDOT Commissioner, Regional Director, MO Program Director,
Regional Planning & Programming Manager (or official designee):

 /for
Signature

8/25/23
Date

Region 1 Planning and Program Manager
Title

Robert E. Rice
Printed Name