MEETING OF THE
ROTTERDAM TOWN BOARD

April 10, 2024
7:00 PM
Agenda Review 6:30 PM

CALL TO ORDER
ROLL CALL
PLEDGE OF ALLEGIANCE
SUPERVISOR'S REMARKS: Supervisor Mollie A. Collins
EXECUTIVE SESSION
PROCLAMATIONS
PRESENTATIONS
PUBLIC HEARING

- To recognize the introduction of Introductory Local Law ___ of 2024; a Change of Zone request on ±1.86 acres from Single Family Residential (R-1) and Retail Business (B-1) to General Business (B-2) to facilitate the construction of a ±3,975 square foot Stewart's Convenience Store with four (4) fueling islands. Property is located at Highbridge Road, Mercer Street, and Sherman Street and comprises 5 parcels of property known as Tax Map No. 59.16-2-10, 59.16-2-9.2, 59.16-2-9.1, 59.16-2-40.2 and 59.16-2-40.1.

- For the enactment of Introductory Local Law No. __ of 2024; To establish a six (6) month extension to Local Law 8 of 2023 which established a six (6) month moratorium prohibiting Battery Energy Storage System installations with in the Town of Rotterdam.

- For the enactment of Introductory Local Law No. __ of 2024; To establish a six (6) month extension to Local Law 9 of 2023 which established a six (6) month moratorium prohibiting wind generation system installations with in the Town of Rotterdam.

PUBLIC COMMENT – PRIVILEGE OF THE FLOOR:
Those members of the public wishing to address the Town Board will be asked to sign in before the meeting is called to order on the sign-in sheets being provided. Speakers will be called to the podium in the order of their signing in. Persons recognized by the Chair to speak during privilege of the floor shall direct his/her comments to the Town Supervisor as Chair of the meeting. Persons granted the privilege of the floor shall first clearly state his/her name and address for the record. Persons so addressing the Chair through the use of a prepared written statement shall submit a copy of the same to the Town Clerk for the purpose of maintaining clear and accurate official minutes of the Town Board meeting.

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GENERAL RULES OF PROCEDURE FOR PUBLIC HEARINGS & PRIVILEGE OF THE FLOOR:

Any person recognized by the Town Supervisor to speak during privilege of the floor shall direct his/her comments to the Town Supervisor as chair of the meeting. Any person granted the privilege of the floor shall first clearly state his/her name and address for the record. The purpose of privilege of the floor shall be for speakers to express their views, thoughts and speak freely. Each speaker, who wishes to address the town board, shall have an equal and reasonable opportunity to be heard by the town board. Each speaker shall be afforded a maximum of four (4) minutes to address the town board.

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INTRODUCTION OF MOTIONS, ORDERS AND RESOLUTIONS
RESOLUTIONS

164.24 To accept Town Board meeting minutes.

165.24 To appoint Sarah Hunt to the position of Confidential Assistant to the Comptroller.

166.24 To accept revenue for Town Clerk's office for March 2024.

167.24 To authorize Change Order No. 2 and 3 with Empire Electric NY LLC for the Rotterdam Town Hall Renovations.

168.24 To authorize Change Order No. 3 with John W. Danforth Company for the Rotterdam Town Hall Renovations.

169.24 To authorize Change Order No. 6 with Bunkoff General Contractors Inc. for the Rotterdam Town Hall Renovations.

170.24 To recognize the introduction of Introductory Local Law No. __ of 2024; To amend section 266-46, entitled "Schedule VI: Stop Intersections" of the code of the Town of Rotterdam, for the addition of stop signs along the Edgewood Avenue intersections of Kenmore Avenue, Marengo Street, and Delaware Avenue and scheduling a public hearing thereon.

171.24 To approve the change of business hours at Town Hall.

172.24 To authorize the purchase an I-Mop XL Plus machine for the Senior Citizens Center.

173.24 To Enact Introductory Local Law No. 5 of 2024; To establish a six (6) month extension to Local Law 8 of 2023 which established a six (6) month moratorium prohibiting battery energy storage system installations with in the Town of Rotterdam.

174.24 To Enact Introductory Local Law No. 6 of 2024; To establish a six (6) month extension to Local Law 9 of 2023 which established a six (6) month moratorium prohibiting wind generation system installations with in the Town of Rotterdam.

175.24 To approve budget transfers to the 2024 budget.

176.24 To adopt the factual findings contained in the report of personnel matter 02282024.

LIAISON REPORTS
MISCELLANEOUS
EXECUTIVE SESSION

- Pursuant to Board Members requesting executive session to discuss their proposed litigation concerning the Super 8 Motel.

ADJOURNMENT
Mollie A. Collins, Supervisor

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PUBLIC HEARING #1

4/10/24

- To recognize the introduction of Introductory Local Law ___ of 2024; a Change of Zone request on ±1.86 acres from Single Family Residential (R-1) and Retail Business (B-1) to General Business (B-2) to facilitate the construction of a ±3,975 square foot Stewart's Convenience Store with four (4) fueling islands. Property is located at Highbridge Road, Mercer Street, and Sherman Street and comprises 5 parcels of property known as Tax Map No. 59.16-2-10, 59.16-2-9.2, 59.16-2-9.1, 59.16-2-40.2 and 59.16-2-40.1.

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March 25, 2024

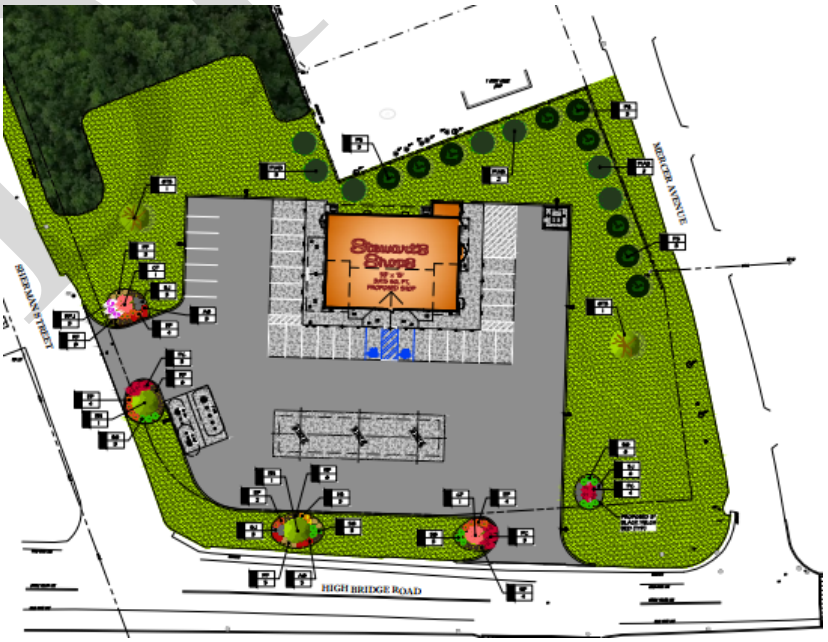
Hon. Mollie A. Collins, Supervisor
Town of Rotterdam
1100 Sunrise Blvd.
Rotterdam, New York 12306

Supervisor Collins and Members of the Rotterdam Town Board,

Stewart's Shops appeared at the February 28th Public Hearing for the zone change of several parcels along Highbridge Road bound by Mercer Ave and Sherman Street. At that hearing there were several residents who raised concerns about the request. As we indicated we'd do, after the meeting we remained at Town Hall to discuss specific concerns with any residents present. Elizabeth Knight and Tim Walters of 107 Mercer Ave stayed and we discussed some particulars and then met on site around ~March 12th and on the same day me with Joanne Graber of 111 E. Claremont.

As discussed during the Public Hearing, many of the voiced concerns were Site Plan related and not directly associated with the zone change request. The conversation with Ms. Graber indicated some tree clearing and a six-foot fence would mitigate impacts of the proposed development. To minimize the impacted view from 107 Mercer, we've modified the plans in the following way with a snapshot provided below the narrative:

- reduced the number of pumps to 3 by eliminating the pump closest to Mercer Ave,
- agreed to seek an Area Variance from §270-143 to install an eight-foot fence along the shared property boundary,
- added a 6-foot fence along Mercer to screen the residences on the east side of Mercer and;
- eliminated lights along the rear of the building except switch activated for equipment repair.



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Whenever Stewart's submits an application, it submits the necessary paperwork to deem the application complete. Then, upon an appearance asks the municipality for supplemental information. To this affect we offer the following:

- Economic implication of the zone change and redevelopment of parcels for a Stewart's Shop
- Correspondence from Tim Johncox, P.G. (Professional Geologist): internal memo of the historic use of the property and likely presence of contamination from 5 reported spills
- Stewart's Gas Installation, Storage and Design: Stewart's manual for design, installation and maintenance of petroleum bulk storage in exceedance of NYSDEC standards
- Traffic Impact Analysis provided by Creighton Manning Engineering (CME)
- Revised Site Plan, Elevations and Renderings

During the Public Hearing, a repeated theme was that the proposed zone change did not "adhere to the Comprehensive Plan." In its application, Stewart's offered that the Comprehensive Plan which was adopted in 2022, does not explicitly reference the parcels subject to the request. Instead, Stewart's cited the comments about the roadway network from I-2 and the continued transportation discussion in III-3. Stewart's returned to the Comprehensive Plan to double check and nowhere in the Plan does it reference Highbridge Road.

The appendices for the adopted plan include 17 references to Highbridge Road of them, 15 are appearances on maps. Beside the map references there are three text references from the community questions:
Question 9: Where should residential growth be directed within the town? Response #38 "western part of town and Highbridge Road." *Stewart's position is that the likely presence of contamination make the redevelopment for housing unlikely.*
Question 10: Please provide any additional throughs or comments related to Key Regional Access? Citations: Responses 12 "I believe we are missing Key Regional Access points at Guilderland Ave (both north to schdy and south to Rt 20), Campbell Ave to Schenectady, Carman Road to Guilderland, Highbridge to 890..." and Response 13 "Someone needs to remind Schenectady that Kings Rd and Highbridge Rd are not regional access points. This is the wording they use in their planning documents. (Ref the Kings Rd bridge replacement project). They should be promoting Rt 7 and 890 instead of crippling residential roads." *Stewart's position is that the requested change does not affect this potential while there seems to be discrepancy about this position.*

As was discussed in our site visit and elements mentioned during the Public Hearing, the site is currently underutilized and has sat vacant from 5 to 15 years depending on the accounts. One version included the former service garage owner's inability to purchase the property because of the potential contamination.

Stewart's wants to be part of the solution to address a contaminated and abandoned eyesore as vehicles exit the highway. Stewart's intention would be to remediate any encountered contamination and bring the site to full economic and aesthetic vibrancy working with the Planning Board. Currently, Stewart's employs 51 people in the 12303 and this location will bring that number closer to 65 with an annual payroll exceeding $325,000. The project will increase the property tax **base** by ~$275,000, generating sales and fuel tax revenues of approximately $250,000; a total of ~ $600,000 increased economic activity.

Land use decisions are difficult because they're an element of change. As a family and employee owned company our job is to blend into the neighborhood and past experience indicates we'll be able to do just that.

Respectfully submitted,

Charles "Chuck" Marshall
Stewart's Shops Corp.

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March 27, 2024

Mr. Chuck Marshall
Stewart's Shops Corp.
PO Box 435
Saratoga Springs, NY 12866

RE: Traffic Assessment, Stewart's Shop, Highbridge Road, Town of Rotterdam, Schenectady County, New York; CM Project 124-017

Dear Mr. Marshall:

Creighton Manning Engineering, LLP (CM) has conducted a traffic assessment for the proposed construction of a *Stewart's Shop* located at 1100 Highbridge Road in the Town of Rotterdam. This assessment is based on information provided in the "Proposed Site Plan" prepared by *Stewart's Shops*, dated January 1, 2024 (see Attachment A).

1.0 Project Description

The proposed project includes the construction of a 3,975 square foot (SF) *Stewart's Shop* convenience market with eight fueling positions (four gas pumps) on the north side of Highbridge Road. The project will replace the vacant *Napa Auto Parts* store and the vacant *Homeplate Pizza and Deli* land use currently located on the property. Access to the site is provided via an existing, full-access driveway on the east side of Sherman Street approximately 90-feet north of Highbridge Road, and one existing, full-access driveway on the north side of Highbridge Road approximately 205-feet east of Sherman Street opposite Peter Road. It is noted that two additional existing driveways located on Highbridge Road will be eliminated as part of the project which is consistent with access management principles. It is anticipated that the proposed development will be fully built and occupied by the end of 2024. The project location is shown on Figure 1.

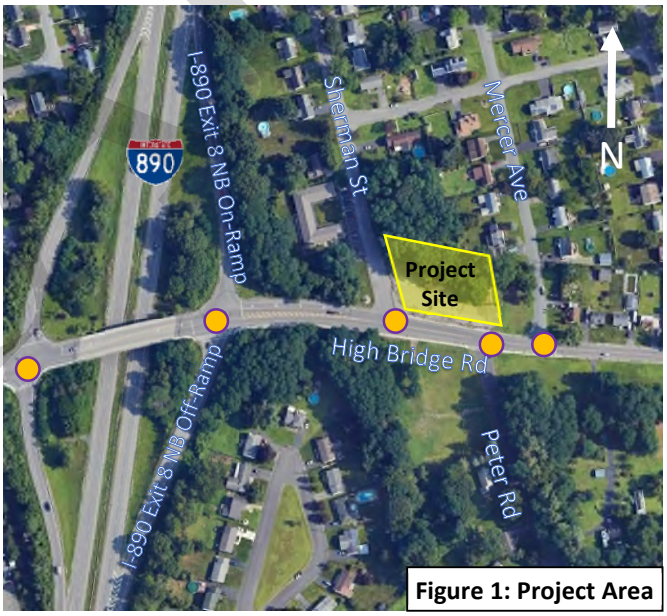


Figure 1: Project Area

2.0 Existing Conditions

Roadway Serving the Site

Highbridge Road is classified as an urban major collector that travels in an east-west direction from W. Campbell Road at its western limits to Kings Road at its eastern limits. Highbridge Road generally provides an 11-foot wide travel lane in each direction near the project site, however directly adjacent to the site, the westbound lane flares wider to 18-feet to accommodate a right-turn lane onto the I-890 Exit 8 WB On-Ramp. There are 3 to 11-foot wide paved shoulders on either side of the road near to the project site and there is a 5-foot wide sidewalk on the south side of Highbridge Road that extends through the project area.

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It is noted that there is a sidewalk on the north side of Highbridge Road east of the site, beginning on the east side of Mercer Avenue extending east. The posted speed limit adjacent to the project site is 30-mph, and land uses along the roadway generally consist of residential and commercial uses.

Sherman Street is classified as an urban local that generally travels in a north-south direction from Highbridge Road to Polish Drive. Sherman Street provides a 30 to 40-foot wide roadway with a single lane in each direction. Paved shoulders and sidewalks are not provided on Sherman Street. The posted speed limit is 30-mph and land uses along the roadway generally consist of residential homes and an apartment complex.

Study Area Intersections

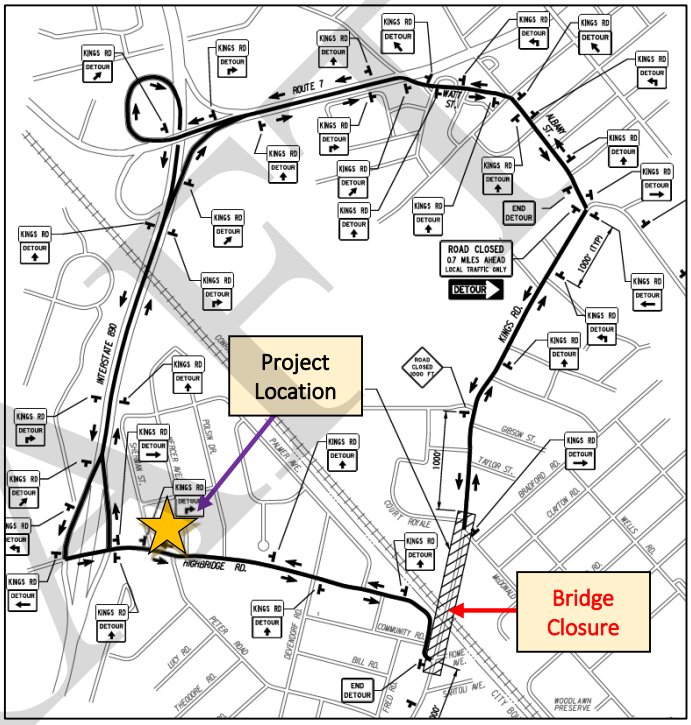
- Highbridge Road/I-890 Exit 8 EB Ramp: This is a four-leg intersection operating under actuated signal control. The eastbound Highbridge Road approach provides a shared through/right-turn lane while the westbound Highbridge Road approach provides an exclusive left-turn lane and a through lane. The southbound I-890 Exit 8 EB Off-Ramp approach provides an exclusive left-turn lane and a through/right-turn lane. The south leg of the intersection is a one-way southbound ramp that provides access to I-890. Sidewalks are provided on the south side of Highbridge Road and there is a marked crosswalk on the south leg of the intersection with pedestrian signals, pushbuttons and signs in the southwest and southeast corners.
- Highbridge Road/I-890 Exit 8 WB Ramp: This is a four-leg intersection operating under actuated signal control. The eastbound Highbridge Road approach provides a through lane and an exclusive left-turn lane while the westbound Highbridge Road approach provides a through lane and a separate right-turn lane. The northbound I-890 Exit 8 WB Off-Ramp approach provides an exclusive left-turn lane and a through/right-turn lane. The north leg of the intersection is a one-way northbound ramp that provides access to I-890. Sidewalks are provided on the south side of Highbridge Road and there is a marked crosswalk on the south leg of the intersection with pedestrian signals, pushbuttons and signs in the southwest and southeast corners.
- Highbridge Road/Sherman Street: This is a three-leg intersection operating under stop-sign control on the southbound Sherman Street approach. All three approaches provide a single lane for shared travel movements. There is a sidewalk on the south side of Highbridge Road and marked crosswalks are not provided at the intersection.
- Highbridge Road/Peter Road: This is a three-leg intersection operating under stop-sign control on the northbound Peter Road approach. All three approaches provide a single lane for shared travel movements. There is a sidewalk on the south side of Highbridge Road and a marked crosswalk is provided on the south leg of the intersection.
- Highbridge Road/Mercer Avenue: This is a three-leg intersection operating under stop-sign control on the southbound Mercer Avenue approach. All three approaches provide a single lane for shared travel movements. There is a sidewalk on the south side of Highbridge Road and on the north side of Highbridge Road east of Mercer Avenue. A marked crosswalk is provided on the east leg of the intersection.

Data Collection

Turning movement counts were conducted at four of the study area intersections on Thursday, February 15, 2024 during the morning peak period (7:00 to 9:00 a.m.) and during the evening peak period (4:00 to 6:00 p.m.). Supplemental turning movement counts were conducted at the Highbridge Road/I-89 Exit 8 EB Ramp intersection at the same time on Wednesday, March 20, 2024. The observed peak hours generally occurred from 7:45 to 8:45 a.m. during the morning peak and 4:15 to 5:15 p.m. during the evening peak.

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An automatic traffic recorder (ATR) was installed on Highbridge Road approximately 60-feet east of Mercer Avenue by NYSDOT in May 2023. An additional ATR was installed by CM on Sherman Street approximately 130-feet north of Highbridge Road from Thursday, February 15, 2024 to Friday, February 23, 2024. Data collected from the ATR shows that Highbridge Road serves approximately 8,400 vehicles per day (vpd) while Sherman Street serves approximately 205 vpd. The data also indicates that the 85th percentile speed[1] on Highbridge Road is approximately 42-mph in the eastbound direction and 43-mph in the westbound direction. The 85th percentile speed on Sherman Street is approximately 25-mph in the northbound and southbound direction due to the proximity to Highbridge Road.



A review of the study area indicates that a portion of Kings Road east of the project site was closed at the end of January just north of Highbridge Road in order to accommodate a bridge replacement. A detour was implemented in order to provide access around the project area. The detour primarily uses I-890 to provide access around the bridge closure as shown on the image to the right. It is noted that traffic on Highbridge Road coming to and from the south on Kings Road is generally not impacted by the bridge closure due to the existing Peter Road connection. That being said, traffic on Highbridge Road that is destined to and from the north on Kings Road is impacted by the existing detour. The traffic volume data collected from the ATR installed by NYSDOT on Highbridge Road in 2023 just east of Mercer Avenue was compared to the 2024 traffic volumes collected on Highbridge Road to determine the overall impacts of the detour. A review of this historical volume data on Highbridge Road indicates that approximately 105 trips during the AM peak hour and approximately 220 trips during the PM peak hour have been detoured due to the bridge closure on Kings Road. In order to regionally redistribute this traffic, existing origin/destination (O/D) traffic data was obtained from the Replica software which processes anonymized location records from smart phones and navigation devices and develops matrices that show the O/D of traffic in an area. The historical O/D observations were obtained from average traffic conditions that occur mid-week (Tuesday through Thursday) during the weekday morning peak period from 7:00 to 8:00 a.m. and during the afternoon peak period from 4:00 to 5:00 p.m. which corresponds to peak commuter time periods for the general public. The turning movement counts were then manually adjusted based on these regional traffic flows to account for changes in traffic associated with the detour. The adjusted 2024 traffic volumes were also seasonally factored to average conditions using NYSDOT's *Seasonal Adjustment Factors*. The factored traffic volumes are shown on Figure 2-1. The raw turning movement count data and ATR data is included under Attachment B. In addition, the detoured traffic volume traffic that was redistributed to the existing roadway network is also included under Attachment B.

1 The 85th percentile speed is the speed in which 85 percent of drivers were observed driving at or below.

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Motor Vehicle Collision Analysis

Crash data was requested from NYSDOT to quantify the number of crashes and identify any crash patterns or concentrations on the segment and intersections on Highbridge Road from the I-890 EB Ramp intersection to Mercer Avenue intersection. CLEAR system data was provided by NYSDOT from September 1, 2020 through August 31, 2023 (three years). Table 1 summarizes the predominant crash types for the study area intersections on Highbridge Road.

Table 1 – Accident Type and Severity

Segments and Intersections	Collision Severity			Collision Type							
	Non-Reportable	Property Damage	Injury	Rear-End	Sideswipe/ Overtaking	Left Turn	Right Angle	Head-On	Backing	Fixed Object	Total
Highbridge Road/I-890 Exit 8 EB Ramp	0	4	1	1	0	1	1	1	1	0	**5**
Highbridge Road/I-890 Exit 8 WB Ramp	0	8	1	2	2	1	4	0	0	0	**9**
Highbridge Road/Sherman Street	0	0	1	0	0	0	0	0	0	1	**1**
Highbridge Road/Peter Road	0	0	1	1	0	0	0	0	0	0	**1**
Highbridge Road/Mercer Avenue	0	1	0	0	0	0	1	0	0	0	**1**
Total	**0**	**13**	**4**	**4**	**2**	**2**	**6**	**1**	**1**	**1**	**17**

Non-reportable Crash = Collisions that result in damage less than $1,000

There was a total of 17 crashes on Highbridge Road at the five study area intersections. There were 13 crashes that resulted in property damage only (PDO) and four crashes that resulted in an injury. There were no pedestrian or bicycle related collisions and there were no fatal crashes. The predominant collision types were read-end and right-angle crashes. Predominant apparent factors for these collisions include following too closely, failure to yield right-of-way, and a disregard of the traffic control. The following summary is provided for each location.

- Highbridge Road/I-890 Exit 8 EB Ramp – There was one left-turn crash that resulted in an injury due to a failure to yield the right-of-way. The rear-end collision occurred due to following too closely while the head-on crash was the result of slippery pavement. The right-angle crash occurred due to a disregard of the traffic control while the backing crash was the result of alcohol involvement.
- Highbridge Road/I-890 Exit 8 WB Ramp – There were four right-angle crashes with one resulting in an injury. Three of these collisions occurred when the motorist disregarded the traffic control and failed to yield the right-of-way to the conflicting approach. The fourth right angle collision occurred due to driver confusion associated with the directions provided by a flagger in the roadway. The two rear-end crashes occurred when vehicles on the northbound I-890 Exit 8 WB Ramp approach were following too closely and struck the vehicle in front of them. The overtaking, sideswipe, and left-turn crashes were all the result of improper turns.
- Highbridge Road/Sherman Street – There was one collision at this intersection that resulted in an injury. The motorist had a medical issue which caused them to strike the guiderail sending their vehicle airborne.
- Highbridge Road/Peter Road – The rear-end collision at this intersection that resulted in an injury occurred when a westbound vehicle on Highbridge Road stopped to let an animal pass in front of them and was struck from behind by a vehicle that was following too closely.
- Highbridge Road/Mercer Avenue –The right-angle crash at this intersection occurred when a vehicle traveling southbound on Mercer Avenue failed to yield the right-of-way to a vehicle traveling westbound on Highbridge Road.

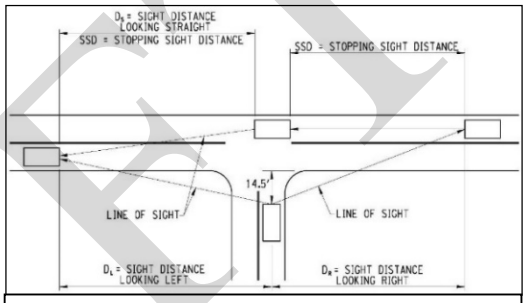
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The crashes reported on Highbridge Road near the proposed development were generally associated with driver error and not attributed to geometric conditions in the area. An accident summary (TE-213 equivalent) at the study area intersections is included under Attachment C.

3.0 Sight Distance

A sight distance evaluation was completed at the proposed Site Driveway locations on Sherman Steet and on Highbridge Road. Available *intersection* sight distance was measured from the perspective of a vehicle exiting the site. It was also measured for a vehicle traveling southbound along Sherman Street and eastbound on Highbridge Road looking straight ahead to turn left into the Site Driveways. The available intersection sight distance should provide drivers a sufficient view of the intersecting roadway to allow passenger cars to enter or exit the intersection without excessively slowing vehicles traveling at or near the operating speed on the intersecting mainline.

Stopping sight distance was also measured on Sherman Street and on Highbridge Road at the Site Driveway locations. Stopping sight distance is the length of the roadway ahead that is visible to the driver. The available stopping sight distance on a roadway should be of sufficient length to enable a vehicle traveling at or near the operating speed to stop before reaching a stationary object in its path. The diagram illustrates these sight distance measurements.



Sight Distance Measurements

The sight distances measured in the field were compared to the guidelines presented in *A Policy on Geometric Design of Highways and Streets, 2018* published by the American Association of State Highway Transportation Officials (AASHTO) and the current NYSDOT design guidance presented in the *Highway Design Manual Chapter 5* (Appendix 5B) for the measured travel speed of 45-mph on Highbridge Road and 25-mph on Sherman Street in the southbound direction. It is noted that the measured travel speed for northbound vehicles on Sherman Street will be approximately 15-mph as they completed their turns from Highbridge Road as noted below. The results of the sight distance analysis are summarized in Table 2.

Table 2 – Sight Distance Summary (feet)

Intersection		Intersection Sight Distance[1]				Stopping Sight Distance[2]	
		Right-Turn from Site Driveway (D_L)	Left-Turn from Site Driveway		Left-Turn from Sherman St./ High Bridge Rd. (D_S)	$SSD_{NB/WB}$	$SSD_{SB/EB}$
			Looking Left (D_L)	Looking Right (D_R)			
Sherman Street/ Site Driveway	Available	125	125	>500	125	100	>500
	Recommended	145	170	280	125	70	135
Highbridge Rd/ Peter Road/ Site Driveway	Available	>550	>550	>550	>550	>550	>550
	Recommended	430	500	500	365	330	330

XXX = Available Sight Distance

[1] Intersection sight distance is measured at 14.5 feet back from the travel way at an object height of 3.5 feet and an eye height of 3.5 feet for a vehicle.

[2] Stopping sight distance measured for a 2-foot object located in the path of northbound/southbound vehicles on Sherman Street and on eastbound/westbound vehicles on Highbridge Road at an eye height of 3.5 feet.

- Highbridge Road/Peter Road/Site Driveway: The intersection and stopping sight distance evaluation at the Site Driveway on Highbridge Road (opposite Peter Road) indicates that all sight lines meet AASHTO guidelines for the applicable operating speeds. No mitigation is recommended at this location.

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- Sherman Street/Site Driveway – The available intersection sight distance for vehicles exiting the Site Driveway looking right to take a left-turn, as well as the stopping sight distance for vehicles traveling southbound on Sherman Street meet AASHTO guidelines for the applicable operating speed. It is noted that available sight distance looking left for drivers exiting the Site Driveway for left and right-turns onto Sherman Street, the distance looking straight for drivers traveling on Sherman Street turning left into the Site Driveway, and the stopping sight distance for drivers traveling northbound on Sherman Street extends up to the adjacent Highbridge Road/Sherman Street intersection (see Photo #1). It is noted that drivers traveling northbound on Sherman Street and drivers looking left from the Site Driveway have at least 100-feet of available sight distance to view vehicles turning left or right from the Highbridge Road intersection; however, these vehicles would be traveling at slower speeds, closer to 15-mph as they complete their turns. A review of AASHTO guidelines indicates that the available sight lines meet the recommended stopping sight distance of 70 feet for a 15-mph travel speed to see a vehicle turning left or right onto Sherman Street from Highbridge Road. It is noted that the proposed driveway will meet intersection spacing standards provided by NYSDOT.

It is recommended that vegetation along the project frontage on Sherman Street near the Site Driveway be removed in order to maximize sight lines looking right for vehicles exiting the driveway. It is also recommended that any site signing be placed a minimum of fifteen feet back from the travel way and that the landscaping plan consider sight lines in order to maintain visibility at both Site Driveway intersections.

4.0 Traffic Assessment

Trip Generation

Trip generation determines the quantity of traffic expected to travel to/from a given site. The Institute of Transportation Engineers (ITE) *Trip Generation*, 11th edition, is the industry standard used for estimating trip generation for proposed land use based on data collected at similar uses. The trip generation of the proposed *Stewart's Shop* was estimated using land use code (LUC) 945 for a Convenience Store/Gas Station.

It can be expected that some trips to the gas station/convenience market originate from traffic that is already passing the site on Highbridge Road. Pass-by trips are vehicles that will stop at the site before continuing on to their primary destination. For example, a driver traveling eastbound on Highbridge Road leaving work may stop at the convenience store and then continue eastbound towards home. This type of trip is considered a pass-by trip. Based on a review of data published by ITE, a pass-by trip percentage (60% to 56%) was applied to trips generated by the site as shown on Table 3.

Table 3 – Trip Generation Summary

Land Use	Size	AM Peak Hour			PM Peak Hour		
	(SF)	Enter	Exit	Total	Enter	Exit	Total
Proposed Stewart's Shop	3,975	81	81	162	96	97	193
Pass By Trips (60% AM Peak/56% PM peak)		-49	-49	-98	-54	-54	-108
Proposed Primary Trips		**32**	**32**	**64**	**42**	**43**	**85**

Accounting for pass-by trips, the proposed development will generate a total of 64 new vehicle trips during the AM peak hour and 85 new vehicle trips during the PM peak hour. The total number of trips expected at the Site Driveways is the sum of the new trips and the pass-by trips.

It is noted that the proposed *Stewarts Shop* will replace the vacant *Napa Auto Parts* and the *Homeplate Pizza and Deli* stores. It is estimated that these previous uses generated approximately five (5) trips during the AM peak hour and approximately 19 trips during the PM peak hour which indicates that these parcels would actually only generate 59 to 66 new trips to the project area during the AM and PM peaks hours.

Future Traffic Volumes

To evaluate the impact of the proposed development, traffic projections were prepared for the expected year of completion, which is 2024. The Town of Rotterdam indicated that there are no other known developments proposed in the project area that will impact future traffic conditions; therefore, the Existing 2024 traffic volumes represent future 2024 traffic conditions in the study area *without* the proposed development (See Figure 2-1).

Traffic generated by the project was distributed on the study area roadways based on the existing turning movement counts conducted at the site intersections and expected travel routes. The primary trip distribution patterns for the proposed development are shown on Figure 2-2 while the pass-by trip distribution patterns are shown on Figure 2-3. The associated trip assignment volumes are shown on Figures 3-1 and 3-2. The site generated trips were added to the 2024 Existing traffic volumes resulting in the 2024 Build traffic volumes for the AM and PM peak hours. The 2024 Build traffic volumes (Figure 3-3) represent the future traffic volumes after the project is complete.

Traffic Operations

Intersection Level of Service (LOS) and capacity analysis relate traffic volumes to the physical characteristics of an intersection. Intersection evaluations were made using the Synchro 11 Software, which automates the procedures contained in the *Highway Capacity Manual.* Table 4 summarizes the results of the level of service calculations for the proposed project. The detailed level of service analyses are included under Attachment D.

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Table 4 – Level of Service Summary

Intersection		Control	AM Peak Hour		PM Peak Hour	
			2024 Existing	2024 Build	2024 Existing	2024 Build
Highbridge Road/I-890 Exit 8 EB Ramp		S				
Highbridge Road EB	T		B (13.9)	B (14.1)	B (16.9)	B (17.2)
High Bridge Road WB	L		A (3.3)	A (3.5)	A (2.9)	A (3.1)
	T		A (6.6)	A (6.6)	B (10.9)	B (11.0)
I-890 Exit 8 WB Off Ramp SB	L		C (20.6)	C (20.9)	C (22.2)	C (22.8)
	TR		B (18.1)	B (18.2)	C (20.2)	C (20.6)
Overall			B (13.0)	B (13.1)	B (13.4)	B (13.6)
Highbridge Road/I-890 Exit 8 WB Ramp		S				
Highbridge Road EB	L		A (0.5)	A (0.5)	A (1.2)	A (1.3)
	T		A (7.3)	A (7.5)	A (8.0)	A (8.0)
High Bridge Road WB	T		B (13.3)	B (13.6)	B (12.9)	B (13.0)
	R		B (11.4)	B (11.6)	B (10.9)	B (10.9)
I-890 Exit 8 WB Off Ramp NB	L		B (18.3)	B (18.5)	C (26.0)	C (26.5)
	TR		B (17.9)	B (18.1)	C (20.6)	C (21.1)
Overall			B (10.4)	B (10.6)	B (13.8)	B (14.0)
Highbridge Road/Sherman Street		U				
Highbridge Road EB	L		A (8.2)	A (8.2)	A (8.5)	A (8.6)
Sherman Street SB	LR		B (13.2)	B (12.8)	B (14.3)	B (13.8)
Highbridge Road/Peter Road/Site Driveway		U				
Highbridge Road EB	[L]		--	A (8.1)	--	A (8.5)
Highbridge Road WB	L		A (8.8)	A (8.7)	A (8.3)	A (8.3)
Peter Road NB	L[T]R		C (17.5)	D (25.1)	C (19.9)	D (32.3)
Site Driveway SB	[LTR]		--	C (17.3)	--	C (22.6)
Highbridge Road/Mercer Avenue		U				
Highbridge Road EB	L		A (8.2)	A (8.2)	A (8.3)	A (8.4)
Mercer Avenue SB	LR		B (11.7)	B (12.0)	B (13.2)	B (13.6)
Sherman Street/Site Driveway		U				
Sherman Street SB	L		--	A (7.2)	--	A (7.2)
Site Driveway WB	LR		--	A (8.6)	--	A (8.7)

S, U = Signal Controlled intersection, Unsignalized intersection (two-way stop control)
EB, WB, NB, SB = Eastbound, Westbound, Northbound, and Southbound intersection approaches
L, T, R = Left-turn, Through, and/or Right-turn movements
X (Y.Y) = Level of service (Average delay in seconds per vehicle)

The impact of the project can be described by comparing the analysis of the No-Build and Build operating conditions. The follow observations are evident from this analysis:

- Highbridge Road/I-890 Exit 8 EB and WB Ramp Intersections – The level of service analysis indicates that these signalized intersections currently operate at an overall LOS B during the AM and PM peak hours with all movements operating at LOS C or better. After build-out of the proposed *Stewarts,* these intersections will continue to operate at similar levels of service with an increase in average vehicle delay less than one second during the peak hours on any approach. No mitigation is recommended at these intersections.
- Highbridge Road/Sherman Street – The level of service summary indicates that the southbound Sherman Street approach currently operates at LOS B during the AM and PM peak hours. After construction of the proposed development, the southbound approach will continue to operate similarly during both peak hours. In addition, the eastbound left-turn movement from Highbridge Road

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will operate at LOS A during both peak hours through Build conditions. No mitigation is recommended at this intersection.

- **Highbridge Road/Peter Road/Site Driveway**– The level of service summary indicates that the northbound Peter Road approach currently operates at LOS C during the AM and PM peak hours. It is noted that the site driveway associated with the vacant *Napa Auto Parts* store which was provided opposite Peter Road has been closed. The proposed *Stewarts* will reopen and reconstruct the north leg of this intersection to allow a single lane entering and exiting the site which will be controlled by a stop-sign on the southbound approach. After build-out of the site, the northbound Peter Road approach will operate at LOS D during the AM and PM peak hours while the southbound Site Driveway approach will operate at LOS C during both peak hours. In addition, the eastbound and westbound left-turn movements from Highbridge Road will operate at LOS A through Build conditions during both peak hours. The level of service analysis indicates that this intersection will operate adequately after full build-out of the site.
- **Highbridge Road/Mercer Avenue** – The level of service summary indicates that the southbound Mercer Avenue approach currently operates at LOS B during the AM and PM peak hour. After construction of the proposed development, the southbound approach will continue to operate similarly during both peak hours. In addition, the eastbound left-turn movement from Highbridge Road will operate at LOS A during both peak hours through Build conditions. No mitigation is recommended at this intersection.
- **Sherman Street/Site Driveway** – The level of service summary indicates that the full access Site Driveway intersection on Sherman Street will operate at LOS A during the peak hours after build-out of the site. It is recommended that the westbound approach provide a single lane for shared travel movements that is controlled by a stop-sign.

Queuing Evaluation

A queuing evaluation was conducted at the signalized Highbridge Road/I-890 Exit 8 WB Ramp intersection to determine if queuing associated with traffic operations will impact the unsignalized Sheman Street and Site Driveway/Peter Road intersections located to the east. Sherman Street is located approximately 300-feet east of the stop line while the Site Driveway on Highbridge Road will be located approximately 525-feet east of the stop line. It is noted that the westbound Highbridge Road approach can accommodate approximately 12 vehicles and 21 vehicles, respectively, in queue before operations of the Sherman Street and Site Driveway intersections will be impacted. Table 5 summarizes the queues on the westbound Highbridge Road approach.

Table 5 – Queuing Summary (in feet)

Intersection		Available Storage	AM Peak Hour				PM Peak Hour			
			Existing		Build		Existing		Build	
			50th	95th	50th	95th	50th	95th	50th	95th
Highbridge Road/I-890 Exit 8 WB Ramp										
Highbridge Road WB	T	105	56	139	60	150	86	182	92	191

WB = Westbound intersection approach
L, T, R = Left-turn, Through, and/or Right-turn movements

Build Conditions – The Synchro model indicates that the westbound Highbridge Road approach will experience average vehicle queues of approximately three to four vehicles (60 and 92-feet) during the AM and PM peak hours while the 95th percentile queue is approximately six to eight vehicles (150 to 191-feet) during the AM and PM peak hours. This indicates that average and 95th percentile queues on the westbound Highbridge Road approach will not block the Sherman Street and Site Driveway intersections during both peak hours. A review of Table 5 indicates that development of the proposed project will increase queuing

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on these approaches less than 15 feet during both peak hours when compared to No-Build conditions. A review of the SimTraffic simulation indicates that adequate traffic operations will be provided at the Sherman Street and Site Driveway intersections.

Pedestrian Connection

The existing public sidewalk located on the north side of Highbridge Road that terminates at the Mercer Avenue intersection will be extended west along the site frontage up to the Sherman Street intersection in order to improve pedestrian access to the site. The sidewalk will also provide a direct connection for residents living on Sherman Street to access the marked crosswalk on Highbridge Road at the Mercer Avenue intersection.

5.0 Conclusions

The proposed project includes the construction of a 3,975 SF *Stewart's Shop* convenience market with eight fueling positions (four gas pumps) on the north side of Highbridge Road. The project will replace the vacant *Napa Auto Parts* and *Homeplate Pizza and Deli* stores currently located on the property. Access to the site is provided via an existing, full-access driveway on the east side of Sherman Street approximately 90-feet north of Highbridge Road, and one existing, full-access driveway on the north side of Highbridge Road approximately 205-feet east of Sherman Street opposite Peter Road. It is noted that two additional existing driveways located on Highbridge Road will be eliminated as part of the project which is consistent with access management principles. It is anticipated that the proposed development will be fully built and occupied by the end of 2024. The following is noted regarding the proposed project:

- The sight distance assessment indicates that adequate sight lines will be provided for the applicable operating speeds. It is recommended that vegetation along the project frontage near the Site Driveway on Sherman Street be removed in order to maximize sight lines looking right for vehicles exiting the driveway. It is also recommended that any site signing be placed a minimum of fifteen feet back from the travel way and that the landscaping plan consider sight lines in order to maintain visibility at both Site Driveways.
- The proposed project is expected to generate 64 new vehicle trips during the AM peak hour and 85 new vehicle trips during the PM peak hour.
- The level of service analysis indicates that the signalized Highbridge Road intersections at the I-890 Exit 8 EB and WB Ramp intersections will operate adequately during the peak hours after full build-out of the site. Mitigation is not recommended at this location.
- The level of service summary indicates that the unsignalized Sherman Street and Mercer Avenue intersections on Highbridge Road will operate at LOS B or better after construction of the proposed development. No mitigation is recommended at these intersections for the proposed project.
- It is noted that the site driveway associated with the vacant *Napa Auto Parts/Homeplate Pizza and Deli* stores which was provided opposite Peter Road on Highbridge Road has been closed. The proposed *Stewarts* will reopen and reconstruct the north leg of this intersection to allow a single lane entering and exiting the site which will be controlled by a stop-sign on the southbound approach. The level of service analysis at the Highbridge Road/Peter Road/Site Driveway intersection indicates that after build-out of the site, the northbound Peter Road approach and the southbound Site Driveway approach will operate adequately during both peak hours. In addition, the eastbound and westbound left-turn movements from Highbridge Road will operate at LOS A through Build conditions. No mitigation is recommended at this intersection.
- The level of service summary indicates that the full access Site Driveway intersection on Sherman Street will operate at LOS A during the peak hours after build-out of the site. It is recommended that the

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westbound approach provide a single lane for shared travel movements that is controlled by a stop-sign.

- The queuing assessment indicates that average and 95th percentile queues on the westbound Highbridge Road approach will not block the Sherman Street and Site Driveway intersections during both peak hours. A review of the SimTraffic simulation indicates that adequate traffic operations will be provided at the Sherman Street and Site Driveway intersections.
- The existing public sidewalk located on the north side of Highbridge Road that terminates at the Mercer Avenue intersection will be extended west along the site frontage up to the Sherman Street intersection in order to improve pedestrian access to the site. The sidewalk will also provide a direct connection for residents living on Sherman Street to access the marked crosswalk on Highbridge Road at the Mercer Avenue intersection.

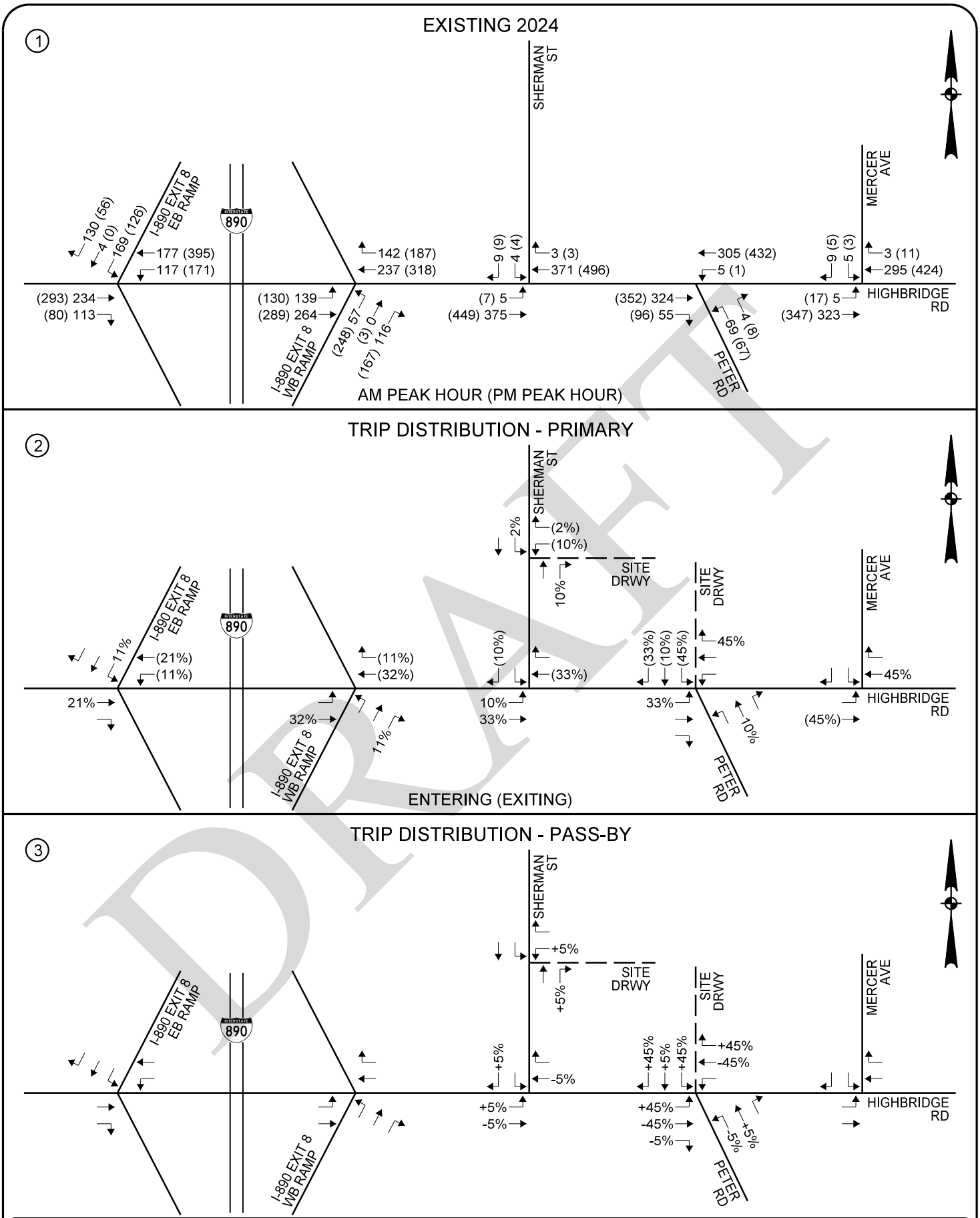
Please feel free to call our office if you have any questions or comments regarding the above evaluation.

Respectfully submitted,
Creighton Manning Engineering, LLP

Mark Nadolny
Associate

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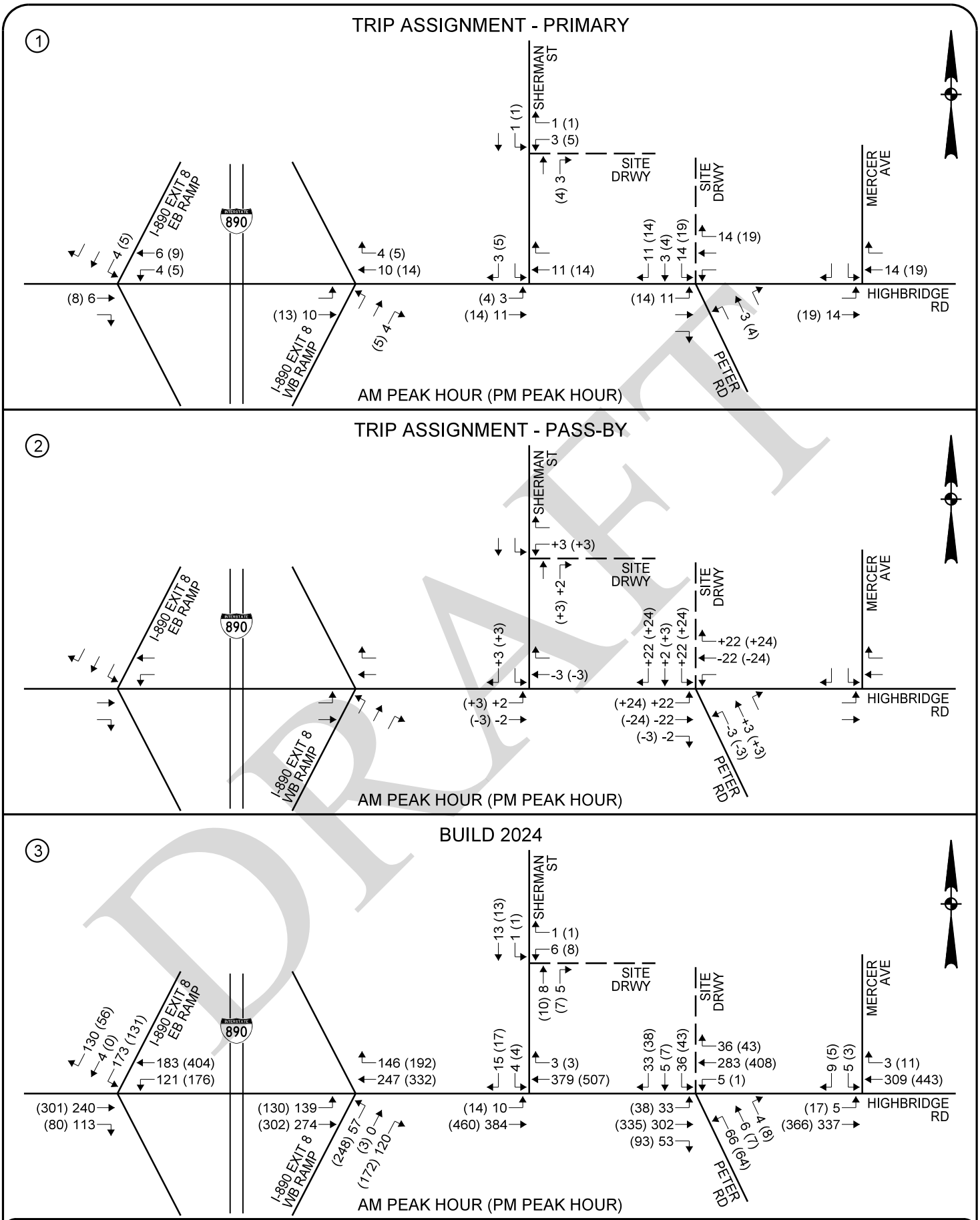
TRAFFIC VOLUMES

STEWARTS SHOP
TOWN OF ROTTERDAM, NEW YORK

Creighton Manning

PROJECT:	124-017	DATE:	03/2024	FIGURE:	2

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TRAFFIC VOLUMES

STEWARTS SHOP
TOWN OF ROTTERDAM, NEW YORK

Creighton Manning

PROJECT:	124-017	DATE:	03/2024	FIGURE:	3

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Attachment A
Site Plan

Stewart's Shop
Town of Rotterdam, New York

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STATE OF NEW YORK
SCOTT EDWIN ROGER
091095
LICENSED PROFESSIONAL ENGINEER

ALTERATIONS TO THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED PROFESSIONAL ENGINEER IS ILLEGAL AND A VIOLATION OF THE NEW YORK STATE EDUCATION LAW

STORE NAME, ABBREVIATION & NO.
HIGHBRIDGE ROAD - HBR - 400

SITE LOCATION
1098 HIGHBRIDGE ROAD - SCHENECTADY (T/ ROTTERDAM), NY 12303

DATE	NO.	REVISIONS
:	:	:

Stewart's Shops
SARATOGA SPRINGS, NY 12866
TEL. (518)581-1200 FAX (518)581-1204

DRAWN BY: JRG
SCALE: 1"=30'
DATE: 1/2/24

DRAWING NO.
S-2

TITLE:
PROPOSED SITE PLAN

Attachment B
Traffic Volume Data

Stewart's Shop
Town of Rotterdam, New York

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124-017: Highbridge Rd & I-890 Exit 8 SB Ram... - TMC

Thu Mar 21, 2024
Full Length (7 AM-9 AM)
All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)
All Movements
ID: 1166514, Location: 42.770936, -73.927459, Site Code: 124-017

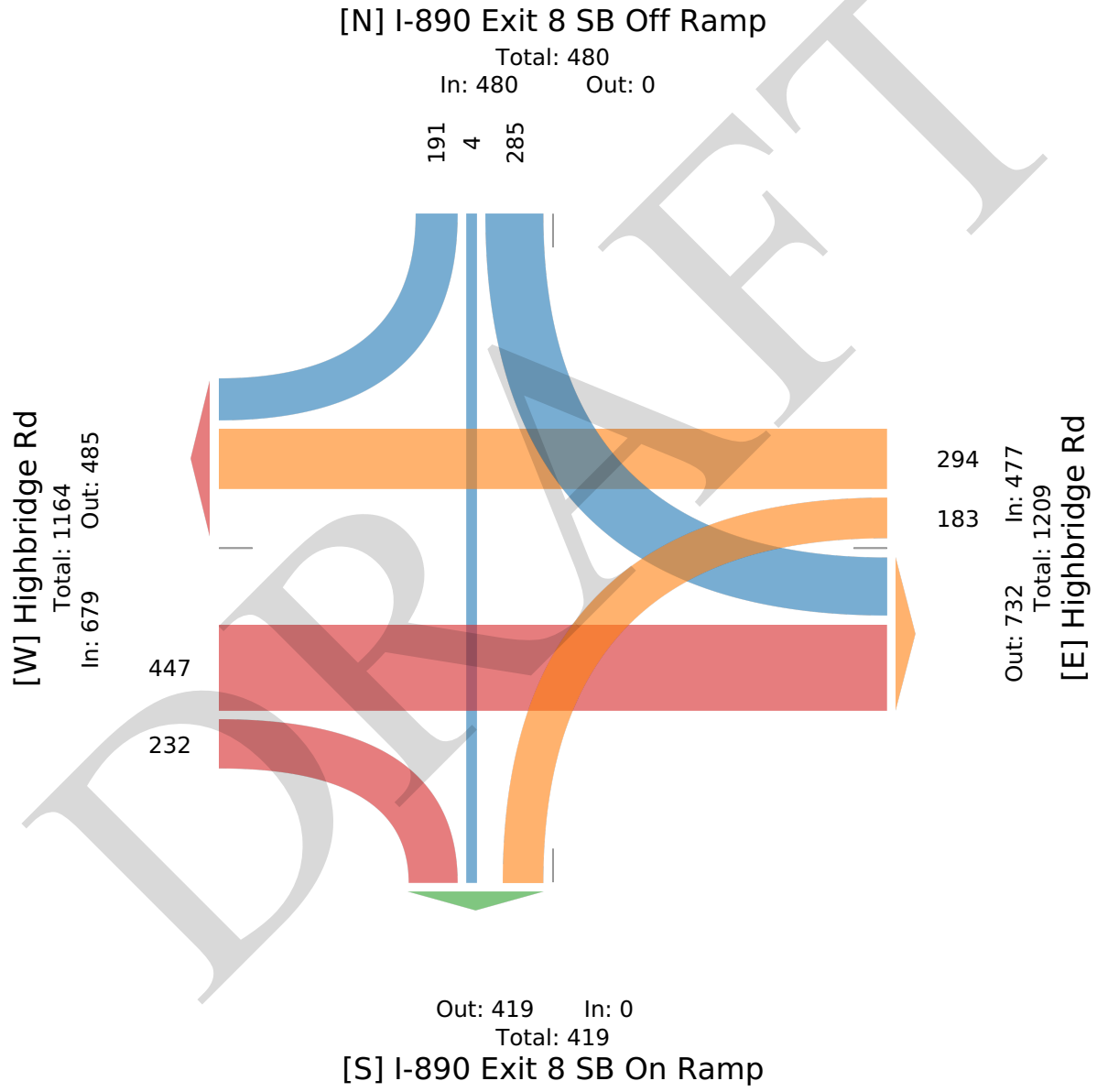
Provided by: Creighton Manning Engineering, LLP
2 Winners Circle, Albany, NY, 12205, US

Leg / Direction	Highbridge Rd Eastbound						Highbridge Rd Westbound					I-890 Exit 8 SB On Ramp Northbound		I-890 Exit 8 SB Off Ramp Southbound						
Time	T	R	U	RR	**App**	Ped*	L	T	U	**App**	Ped*	**App**	Ped*	L	T	R	RR	**App**	Ped*	**Int**
2024-03-21 7:00AM	40	28	0	5	**73**	0	33	23	0	**56**	0	**0**	0	18	0	1	3	**22**	0	**151**
7:15AM	40	24	0	7	**71**	0	24	23	0	**47**	0	**0**	0	24	0	5	5	**34**	0	**152**
7:30AM	61	35	0	8	**104**	0	19	38	0	**57**	0	**0**	0	47	0	7	18	**72**	0	**233**
7:45AM	68	23	0	7	**98**	0	8	40	0	**48**	0	**0**	0	76	1	27	40	**144**	0	**290**
Hourly Total	209	110	0	27	**346**	0	84	124	0	**208**	0	**0**	0	165	1	40	66	**272**	0	**826**
8:00AM	74	23	0	0	**97**	0	13	50	0	**63**	0	**0**	0	52	3	15	21	**91**	0	**251**
8:15AM	69	16	0	2	**87**	0	47	39	0	**86**	0	**0**	0	26	0	15	4	**45**	0	**218**
8:30AM	56	32	0	1	**89**	0	23	47	0	**70**	0	**0**	0	23	0	5	9	**37**	0	**196**
8:45AM	39	21	0	0	**60**	0	16	34	0	**50**	0	**0**	0	19	0	12	4	**35**	0	**145**
Hourly Total	238	92	0	3	**333**	0	99	170	0	**269**	0	**0**	0	120	3	47	38	**208**	0	**810**
9:00AM	0	0	0	0	**0**	0	0	0	0	**0**	0	**0**	0	0	0	0	0	**0**	0	**0**
Hourly Total	0	0	0	0	**0**	0	0	0	0	**0**	0	**0**	0	0	0	0	0	**0**	0	**0**
Total	447	202	0	30	**679**	0	183	294	0	**477**	0	**0**	0	285	4	87	104	**480**	0	**1636**
% Approach	65.8%	29.7%	0%	4.4%	**-**	-	38.4%	61.6%	0%	**-**	-	**-**	-	59.4%	0.8%	18.1%	21.7%	**-**	-	-
% Total	27.3%	12.3%	0%	1.8%	**41.5%**	-	11.2%	18.0%	0%	**29.2%**	-	**0%**	-	17.4%	0.2%	5.3%	6.4%	**29.3%**	-	-
Lights	426	195	0	30	**651**	-	163	287	0	**450**	-	**0**	-	267	4	85	101	**457**	-	1558
% Lights	95.3%	96.5%	0%	100%	**95.9%**	-	89.1%	97.6%	0%	**94.3%**	-	**-**	-	93.7%	100%	97.7%	97.1%	**95.2%**	-	95.2%
Articulated Trucks and Single-Unit Trucks	7	6	0	0	**13**	-	2	2	0	**4**	-	**0**	-	5	0	2	3	**10**	-	27
% Articulated Trucks and Single-Unit Trucks	1.6%	3.0%	0%	0%	**1.9%**	-	1.1%	0.7%	0%	**0.8%**	-	**-**	-	1.8%	0%	2.3%	2.9%	**2.1%**	-	1.7%
Buses	13	1	0	0	**14**	-	18	5	0	**23**	-	**0**	-	13	0	0	0	**13**	-	50
% Buses	2.9%	0.5%	0%	0%	**2.1%**	-	9.8%	1.7%	0%	**4.8%**	-	**-**	-	4.6%	0%	0%	0%	**2.7%**	-	3.1%
Bicycles on Road	1	0	0	0	**1**	-	0	0	0	**0**	-	**0**	-	0	0	0	0	**0**	-	1
% Bicycles on Road	0.2%	0%	0%	0%	**0.1%**	-	0%	0%	0%	**0%**	-	**-**	-	0%	0%	0%	0%	**0%**	-	0.1%
Pedestrians	-	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

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Provided by: Creighton Manning Engineering, LLP
2 Winners Circle, Albany, NY, 12205, US



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124-017: Highbridge Rd & I-890 Exit 8 SB Ram... - TMC

Thu Mar 21, 2024
AM Peak (7:30 AM - 8:30 AM) - Overall Peak Hour
All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)
All Movements
ID: 1166514, Location: 42.770936, -73.927459, Site Code: 124-017

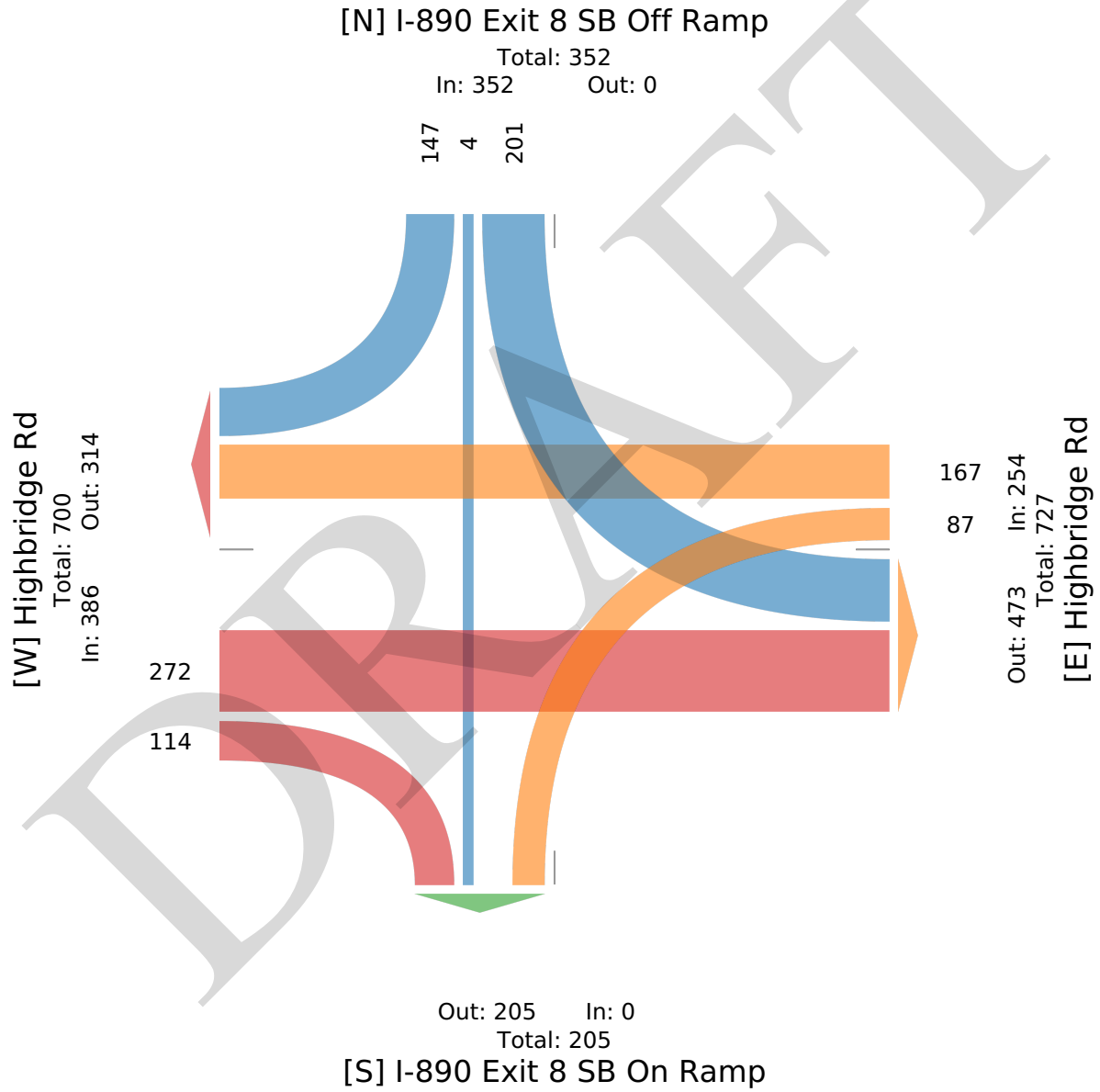
Provided by: Creighton Manning Engineering, LLP
2 Winners Circle, Albany, NY, 12205, US

Leg Direction	Highbridge Rd Eastbound						Highbridge Rd Westbound					I-890 Exit 8 SB On Ramp Northbound		I-890 Exit 8 SB Off Ramp Southbound						
Time	T	R	U	RR	**App**	Ped*	L	T	U	**App**	Ped*	**App**	Ped*	L	T	R	RR	**App**	Ped*	**Int**
2024-03-21 7:30AM	61	35	0	8	**104**	0	19	38	0	**57**	0	**0**	0	47	0	7	18	**72**	0	**233**
7:45AM	68	23	0	7	**98**	0	8	40	0	**48**	0	**0**	0	76	1	27	40	**144**	0	**290**
8:00AM	74	23	0	0	**97**	0	13	50	0	**63**	0	**0**	0	52	3	15	21	**91**	0	**251**
8:15AM	69	16	0	2	**87**	0	47	39	0	**86**	0	**0**	0	26	0	15	4	**45**	0	**218**
Total	272	97	0	17	**386**	0	87	167	0	**254**	0	**0**	0	201	4	64	83	**352**	0	**992**
% Approach	70.5%	25.1%	0%	4.4%	**-**	-	34.3%	65.7%	0%	**-**	-	**-**	-	57.1%	1.1%	18.2%	23.6%	**-**	-	-
% Total	27.4%	9.8%	0%	1.7%	**38.9%**	-	8.8%	16.8%	0%	**25.6%**	-	**0%**	-	20.3%	0.4%	6.5%	8.4%	**35.5%**	-	-
PHF	0.916	0.693	-	0.531	**0.925**	-	0.463	0.835	-	**0.738**	-	**-**	-	0.661	0.333	0.593	0.519	**0.611**	-	0.854
Lights	258	94	0	17	**369**	-	74	164	0	**238**	-	**0**	-	193	4	63	81	**341**	-	948
% Lights	94.9%	96.9%	0%	100%	**95.6%**	-	85.1%	98.2%	0%	**93.7%**	-	**-**	-	96.0%	100%	98.4%	97.6%	**96.9%**	-	95.6%
Articulated Trucks and Single-Unit Trucks	4	3	0	0	**7**	-	0	1	0	**1**	-	**0**	-	3	0	1	2	**6**	-	14
% Articulated Trucks and Single-Unit Trucks	1.5%	3.1%	0%	0%	**1.8%**	-	0%	0.6%	0%	**0.4%**	-	**-**	-	1.5%	0%	1.6%	2.4%	**1.7%**	-	1.4%
Buses	9	0	0	0	**9**	-	13	2	0	**15**	-	**0**	-	5	0	0	0	**5**	-	29
% Buses	3.3%	0%	0%	0%	**2.3%**	-	14.9%	1.2%	0%	**5.9%**	-	**-**	-	2.5%	0%	0%	0%	**1.4%**	-	2.9%
Bicycles on Road	1	0	0	0	**1**	-	0	0	0	**0**	-	**0**	-	0	0	0	0	**0**	-	1
% Bicycles on Road	0.4%	0%	0%	0%	**0.3%**	-	0%	0%	0%	**0%**	-	**-**	-	0%	0%	0%	0%	**0%**	-	0.1%
Pedestrians	-	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

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2 Winners Circle, Albany, NY, 12205, US



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124-017: Highbridge Rd & I-890 Exit 8 SB Ram... - TMC

Wed Mar 20, 2024
Full Length (4 PM-6 PM)
All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)
All Movements
ID: 1166512, Location: 42.770936, -73.927459, Site Code: 124-017

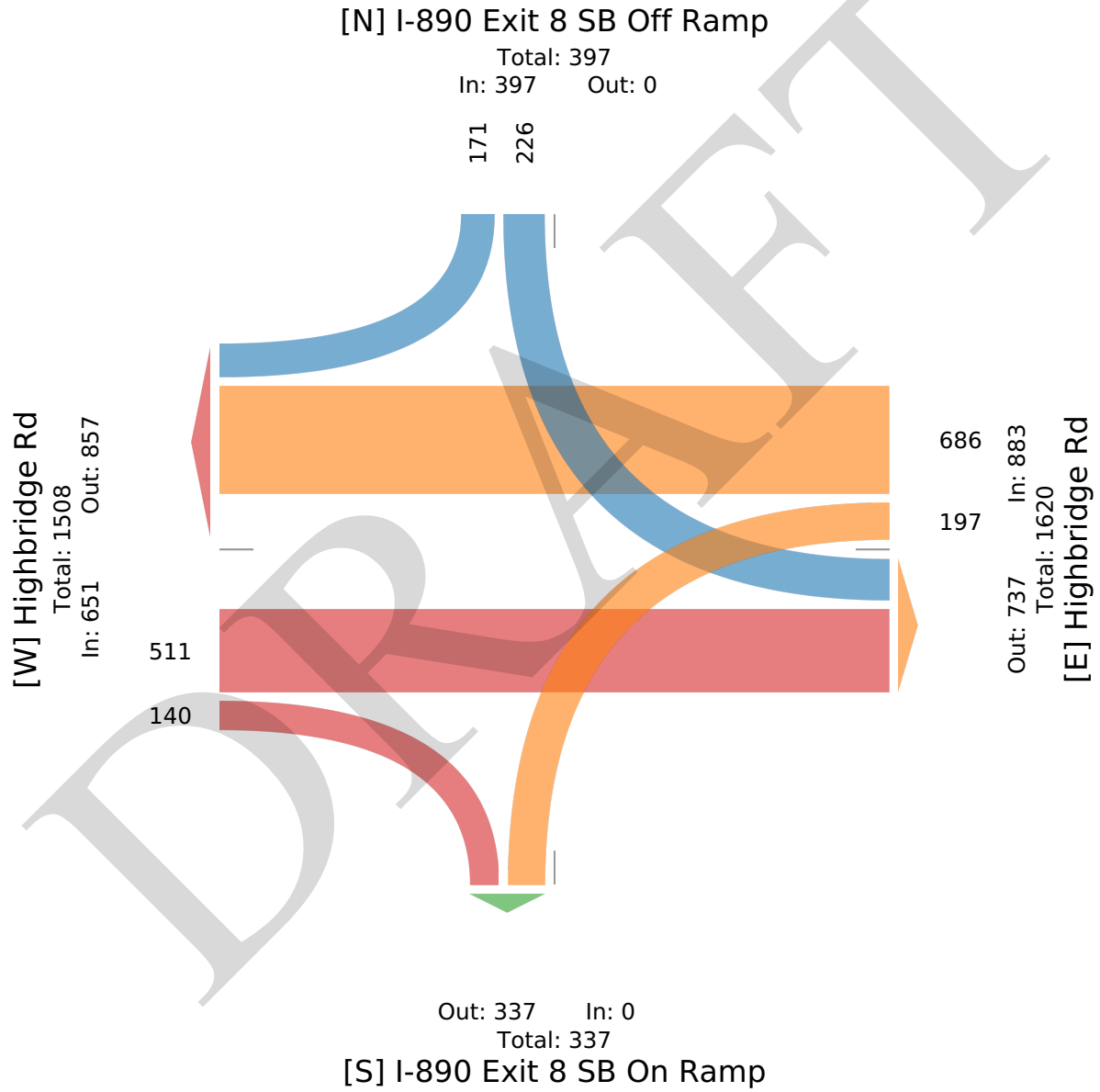
Provided by: Creighton Manning Engineering, LLP
2 Winners Circle, Albany, NY, 12205, US

Leg / Direction	Highbridge Rd Eastbound						Highbridge Rd Westbound					I-890 Exit 8 SB On Ramp Northbound		I-890 Exit 8 SB Off Ramp Southbound						
Time	T	R	U	RR	**App**	Ped*	L	T	U	**App**	Ped*	**App**	Ped*	L	T	R	RR	**App**	Ped*	**Int**
2024-03-20 4:00PM	71	12	0	1	**84**	0	26	80	0	**106**	0	**0**	0	31	0	6	8	**45**	0	**235**
4:15PM	65	15	0	2	**82**	0	35	114	0	**149**	0	**0**	0	35	0	12	12	**59**	0	**290**
4:30PM	111	28	0	5	**144**	0	27	111	0	**138**	0	**0**	0	31	0	14	16	**61**	0	**343**
4:45PM	59	17	0	1	**77**	0	32	98	0	**130**	0	**0**	0	33	0	8	12	**53**	0	**260**
Hourly Total	306	72	0	9	**387**	0	120	403	0	**523**	0	**0**	0	130	0	40	48	**218**	0	**1128**
5:00PM	66	13	0	5	**84**	0	31	76	0	**107**	0	**0**	0	20	0	6	14	**40**	0	**231**
5:15PM	46	10	0	2	**58**	0	14	81	0	**95**	0	**0**	0	22	0	6	15	**43**	0	**196**
5:30PM	49	10	0	2	**61**	0	14	71	0	**85**	0	**0**	0	29	0	13	14	**56**	0	**202**
5:45PM	44	16	0	1	**61**	0	18	55	0	**73**	0	**0**	0	25	0	5	10	**40**	0	**174**
Hourly Total	205	49	0	10	**264**	0	77	283	0	**360**	0	**0**	0	96	0	30	53	**179**	0	**803**
6:00PM	0	0	0	0	**0**	0	0	0	0	**0**	0	**0**	0	0	0	0	0	**0**	0	**0**
Hourly Total	0	0	0	0	**0**	0	0	0	0	**0**	0	**0**	0	0	0	0	0	**0**	0	**0**
Total	511	121	0	19	**651**	0	197	686	0	**883**	0	**0**	0	226	0	70	101	**397**	0	**1931**
% Approach	78.5%	18.6%	0%	2.9%	**-**	-	22.3%	77.7%	0%	**-**	-	**-**	-	56.9%	0%	17.6%	25.4%	**-**	-	**-**
% Total	26.5%	6.3%	0%	1.0%	**33.7%**	-	10.2%	35.5%	0%	**45.7%**	-	**0%**	-	11.7%	0%	3.6%	5.2%	**20.6%**	-	**-**
Lights	504	120	0	19	**643**	-	196	685	0	**881**	-	**0**	-	217	0	69	101	**387**	-	1911
% Lights	98.6%	99.2%	0%	100%	**98.8%**	-	99.5%	99.9%	0%	**99.8%**	-	**-**	-	96.0%	0%	98.6%	100%	**97.5%**	-	99.0%
Articulated Trucks and Single-Unit Trucks	3	1	0	0	**4**	-	1	1	0	**2**	-	**0**	-	0	0	1	0	**1**	-	7
% Articulated Trucks and Single-Unit Trucks	0.6%	0.8%	0%	0%	**0.6%**	-	0.5%	0.1%	0%	**0.2%**	-	**-**	-	0%	0%	1.4%	0%	**0.3%**	-	0.4%
Buses	4	0	0	0	**4**	-	0	0	0	**0**	-	**0**	-	9	0	0	0	**9**	-	13
% Buses	0.8%	0%	0%	0%	**0.6%**	-	0%	0%	0%	**0%**	-	**-**	-	4.0%	0%	0%	0%	**2.3%**	-	0.7%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	**0**	-	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	**-**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

DRAFT

Provided by: Creighton Manning Engineering, LLP
2 Winners Circle, Albany, NY, 12205, US



DRAFT

124-017: Highbridge Rd & I-890 Exit 8 SB Ram... - TMC

Wed Mar 20, 2024
PM Peak (4 PM - 5 PM) - Overall Peak Hour
All Classes (Lights, Articulated Trucks and Single-Unit Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)
All Movements
ID: 1166512, Location: 42.770936, -73.927459, Site Code: 124-017

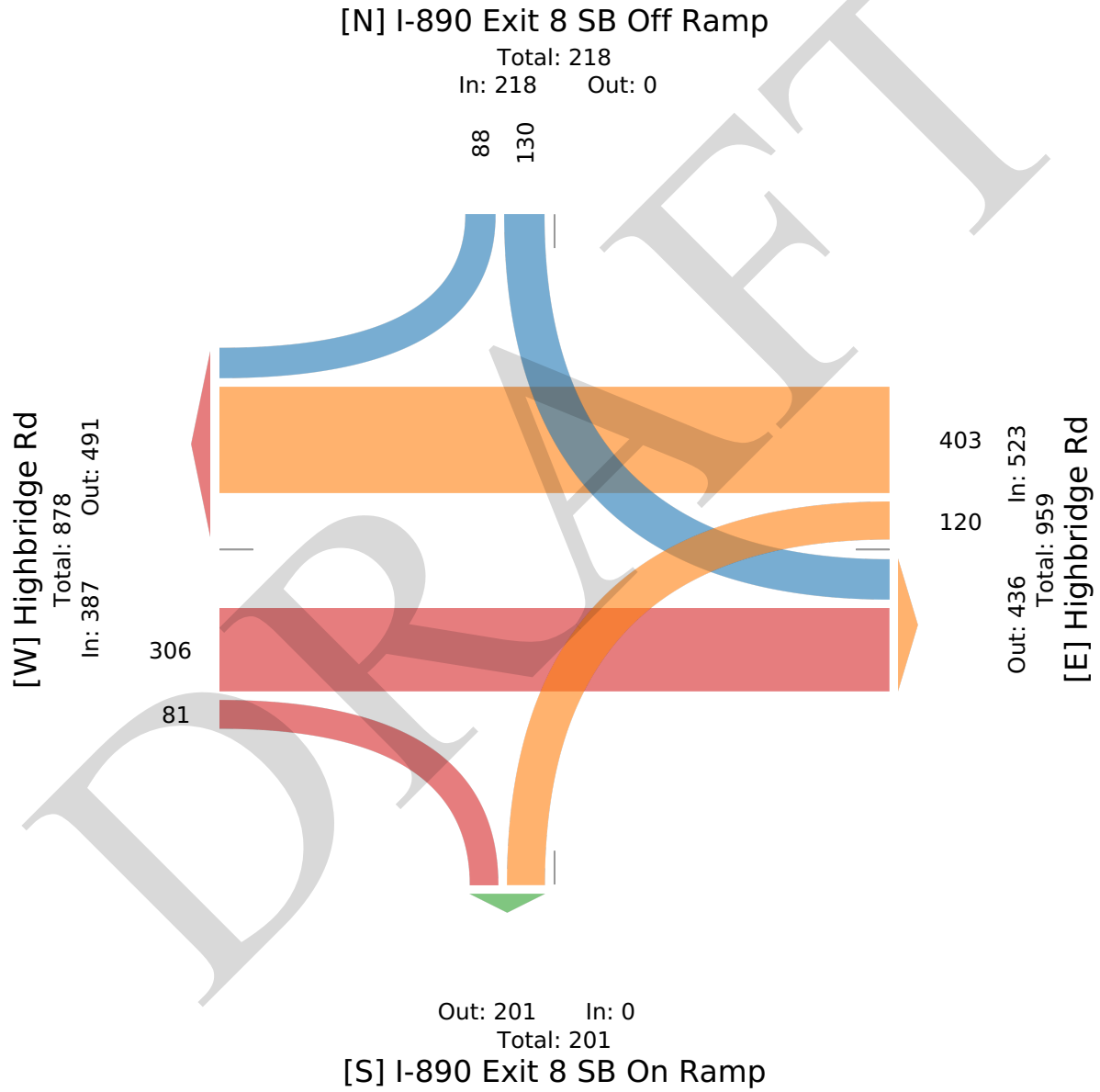
Provided by: Creighton Manning Engineering, LLP
2 Winners Circle, Albany, NY, 12205, US

Leg Direction	Highbridge Rd Eastbound						Highbridge Rd Westbound					I-890 Exit 8 SB On Ramp Northbound		I-890 Exit 8 SB Off Ramp Southbound						
Time	T	R	U	RR	**App**	Ped*	L	T	U	**App**	Ped*	**App**	Ped*	L	T	R	RR	**App**	Ped*	**Int**
2024-03-20 4:00PM	71	12	0	1	**84**	0	26	80	0	**106**	0	**0**	0	31	0	6	8	**45**	0	**235**
4:15PM	65	15	0	2	**82**	0	35	114	0	**149**	0	**0**	0	35	0	12	12	**59**	0	**290**
4:30PM	111	28	0	5	**144**	0	27	111	0	**138**	0	**0**	0	31	0	14	16	**61**	0	**343**
4:45PM	59	17	0	1	**77**	0	32	98	0	**130**	0	**0**	0	33	0	8	12	**53**	0	**260**
Total	306	72	0	9	**387**	0	120	403	0	**523**	0	**0**	0	130	0	40	48	**218**	0	**1128**
% Approach	79.1%	18.6%	0%	2.3%	**-**	-	22.9%	77.1%	0%	**-**	-	**-**	-	59.6%	0%	18.3%	22.0%	**-**	-	-
% Total	27.1%	6.4%	0%	0.8%	**34.3%**	-	10.6%	35.7%	0%	**46.4%**	-	**0%**	-	11.5%	0%	3.5%	4.3%	**19.3%**	-	-
PHF	0.689	0.643	-	0.450	**0.672**	-	0.857	0.884	-	**0.878**	-	**-**	-	0.929	-	0.714	0.750	**0.893**	-	0.822
Lights	301	71	0	9	**381**	-	120	403	0	**523**	-	**0**	-	122	0	39	48	**209**	-	1113
% Lights	98.4%	98.6%	0%	100%	**98.4%**	-	100%	100%	0%	**100%**	-	**-**	-	93.8%	0%	97.5%	100%	**95.9%**	-	98.7%
Articulated Trucks and Single-Unit Trucks	2	1	0	0	**3**	-	0	0	0	**0**	-	**0**	-	0	0	1	0	**1**	-	4
% Articulated Trucks and Single-Unit Trucks	0.7%	1.4%	0%	0%	**0.8%**	-	0%	0%	0%	**0%**	-	**-**	-	0%	0%	2.5%	0%	**0.5%**	-	0.4%
Buses	3	0	0	0	**3**	-	0	0	0	**0**	-	**0**	-	8	0	0	0	**8**	-	11
% Buses	1.0%	0%	0%	0%	**0.8%**	-	0%	0%	0%	**0%**	-	**-**	-	6.2%	0%	0%	0%	**3.7%**	-	1.0%
Bicycles on Road	0	0	0	0	**0**	-	0	0	0	**0**	-	**0**	-	0	0	0	0	**0**	-	0
% Bicycles on Road	0%	0%	0%	0%	**0%**	-	0%	0%	0%	**0%**	-	**-**	-	0%	0%	0%	0%	**0%**	-	0%
Pedestrians	-	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	-	0	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

DRAFT

Provided by: Creighton Manning Engineering, LLP
2 Winners Circle, Albany, NY, 12205, US



DRAFT

Summary

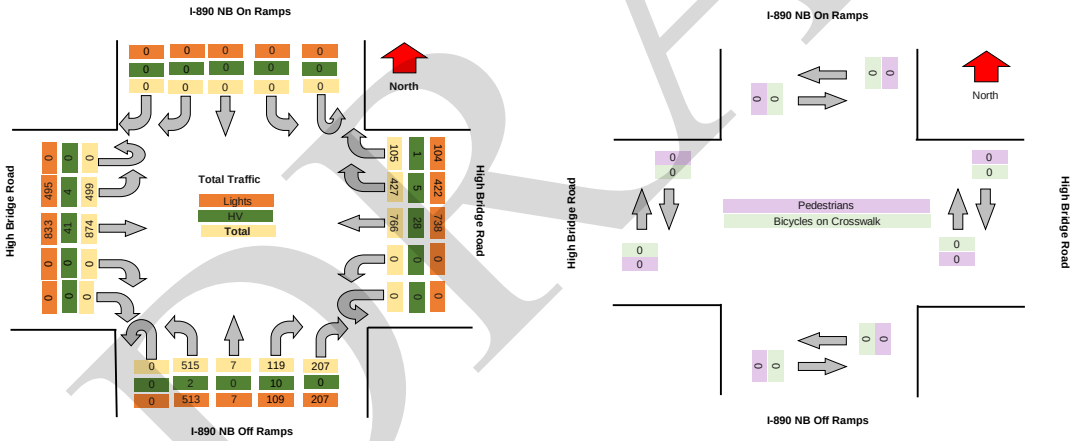
Project	Creighton Manning
Project Code	11765
Site Name	I-890 NB Ramps & High Bridge
Legs and Movements	All Processed Legs & Movemer
Bin Size	15 minutes
Survey Date	2024/02/15, Thursday
Location	I-890 NB Ramps & High Bridge
Latitude and Longitude	42.771214, -73.925796

	Start	End	PHF
AM Peak	2024/02/15 07:30:00	2024/02/15 08:30:00	0.92
PM Peak	2024/02/15 16:15:00	2024/02/15 17:15:00	0.93

Turning Movement Data

Leg	High Bridge Road								High Bridge Road								I-890 NB Off Ramps								I-890 NB On Ramps								
Direction	Eastbound								Westbound								Northbound								Southbound								
Start Time	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Total
7:00:00 AM	19	37	0	0	0	56	0	0	0	40	26	1	0	67	0	0	9	1	3	6	0	19	0	0	0	0	0	0	0	0	0	0	142
7:15:00 AM	23	36	0	0	0	59	0	0	0	50	32	3	0	85	0	0	12	0	2	6	0	20	0	0	0	0	0	0	0	0	0	0	164
7:30:00 AM	30	59	0	0	0	89	0	0	0	44	25	4	0	73	0	0	17	0	8	9	0	34	0	0	0	0	0	0	0	0	0	0	196
7:45:00 AM	41	61	0	0	0	102	0	0	0	35	21	6	0	62	0	0	17	0	4	14	0	35	0	0	0	0	0	0	0	0	0	0	199
Hourly Total	113	193	0	0	0	306	0	0	0	169	104	14	0	287	0	0	55	1	17	35	0	108	0	0	0	0	0	0	0	0	0	0	701
8:00:00 AM	39	72	0	0	0	111	0	0	0	45	28	5	0	78	0	0	13	0	9	18	0	40	0	0	0	0	0	0	0	0	0	0	229
8:15:00 AM	35	60	0	0	0	95	0	0	0	59	32	7	0	98	0	0	8	0	10	21	0	39	0	0	0	0	0	0	0	0	0	0	232
8:30:00 AM	18	65	0	0	0	83	0	0	0	45	26	4	0	75	0	0	9	0	3	8	0	20	0	0	0	0	0	0	0	0	0	0	178
8:45:00 AM	31	29	0	0	0	60	0	0	0	30	22	6	0	58	0	0	18	1	4	8	0	31	0	0	0	0	0	0	0	0	0	0	149
Hourly Total	123	226	0	0	0	349	0	0	0	179	108	22	0	309	0	0	48	1	26	55	0	130	0	0	0	0	0	0	0	0	0	0	788
4:00:00 PM	40	47	0	0	0	87	0	0	0	55	24	7	0	86	0	0	35	2	14	9	0	60	0	0	0	0	0	0	0	0	0	0	233
4:15:00 PM	32	65	0	0	0	97	0	0	0	42	24	13	0	79	0	0	72	1	19	16	0	108	0	0	0	0	0	0	0	0	0	0	284
4:30:00 PM	47	70	0	0	0	117	0	0	0	59	37	9	0	105	0	0	56	0	13	10	0	79	0	0	0	0	0	0	0	0	0	0	301
4:45:00 PM	31	73	0	0	0	104	0	0	0	62	33	11	0	106	0	0	67	1	15	16	0	99	0	0	0	0	0	0	0	0	0	0	309
Hourly Total	150	255	0	0	0	405	0	0	0	218	118	40	0	376	0	0	230	4	61	51	0	346	0	0	0	0	0	0	0	0	0	0	1127
5:00:00 PM	41	48	0	0	0	89	0	0	0	55	31	8	0	94	0	0	46	1	8	19	0	74	0	0	0	0	0	0	0	0	0	0	257
5:15:00 PM	26	56	0	0	0	82	0	0	0	64	23	9	0	96	0	0	70	0	3	17	0	90	0	0	0	0	0	0	0	0	0	0	268
5:30:00 PM	25	51	0	0	0	76	0	0	0	42	24	8	0	74	0	0	40	0	2	18	0	60	0	0	0	0	0	0	0	0	0	0	210
5:45:00 PM	21	45	0	0	0	66	0	0	0	39	19	4	0	62	0	0	26	0	2	12	0	40	0	0	0	0	0	0	0	0	0	0	168
Hourly Total	113	200	0	0	0	313	0	0	0	200	97	29	0	326	0	0	182	1	15	66	0	264	0	0	0	0	0	0	0	0	0	0	903
Grand Total	499	874	0	0	0	1373	0	0	0	766	427	105	0	1298	0	0	515	7	119	207	0	848	0	0	0	0	0	0	0	0	0	0	3519
% Approach	36.3%	63.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	59.0%	32.9%	8.1%	0.0%	0.0%	0.0%	0.0%	60.7%	0.8%	14.0%	24.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% Total	14.2%	24.8%	0.0%	0.0%	0.0%	39.0%	0.0%	0.0%	0.0%	21.8%	12.1%	3.0%	0.0%	36.9%	0.0%	0.0%	14.6%	0.2%	3.4%	5.9%	0.0%	24.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Lights	495	833	0	0	0	1328	0	0	0	738	422	104	0	1264	0	0	513	7	109	207	0	836	0	0	0	0	0	0	0	0	0	0	3428
% Lights	99.2%	95.3%	0.0%	0.0%	0.0%	96.7%	0.0%	0.0%	0.0%	96.3%	98.8%	99.0%	0.0%	97.4%	0.0%	0.0%	99.6%	100.0%	91.6%	100.0%	0.0%	98.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	97.4%
Hv	4	41	0	0	0	45	0	0	0	28	5	1	0	34	0	0	2	0	10	0	0	12	0	0	0	0	0	0	0	0	0	0	91
% HV	0.8%	4.7%	0.0%	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	3.7%	1.2%	1.0%	0.0%	2.6%	0.0%	0.0%	0.4%	0.0%	8.4%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Turning Movement Data Plot



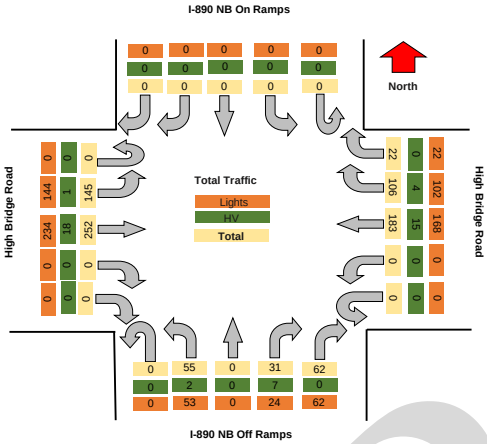
DRAFT

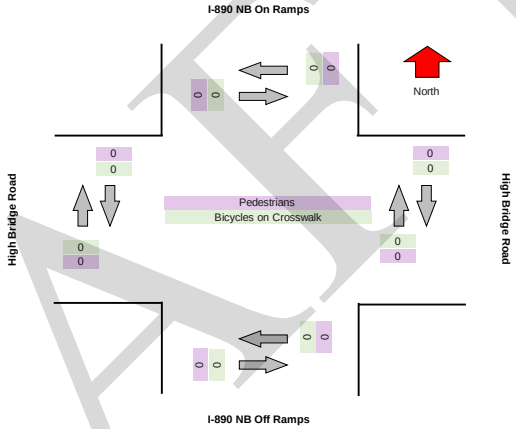
Summary

Turning Movement Peak Hour Data (AM)

7:30:00 AM

Leg	High Bridge Road								High Bridge Road								I-890 NB Off Ramps								I-890 NB On Ramps								Total
Direction	Eastbound								Westbound								Northbound								Southbound								
Start Time	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	
7:30:00 AM	30	59	0	0	0	**89**	0	0	0	44	25	4	0	**73**	0	0	17	0	8	9	0	**34**	0	0	0	0	0	0	0	**0**	0	0	**196**
7:45:00 AM	41	61	0	0	0	**102**	0	0	0	35	21	6	0	**62**	0	0	17	0	4	14	0	**35**	0	0	0	0	0	0	0	**0**	0	0	**199**
8:00:00 AM	39	72	0	0	0	**111**	0	0	0	45	28	5	0	**78**	0	0	13	0	9	18	0	**40**	0	0	0	0	0	0	0	**0**	0	0	**229**
8:15:00 AM	35	60	0	0	0	**95**	0	0	0	59	32	7	0	**98**	0	0	8	0	10	21	0	**39**	0	0	0	0	0	0	0	**0**	0	0	**232**
Grand Total	145	252	0	0	0	**397**	0	0	0	183	106	22	0	**311**	0	0	55	0	31	62	0	**148**	0	0	0	0	0	0	0	**0**	0	0	**856**
% Approach	36.5%	63.5%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	58.8%	34.1%	7.1%	0.0%	**0.0%**	0.0%	0.0%	37.2%	0.0%	20.9%	41.9%	0.0%	**0.0%**	0.0%	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	**0.0%**	0.0%	0.0%	
% Total	16.9%	29.4%	0.0%	0.0%	0.0%	**46.4%**	0.0%	0.0%	0.0%	21.4%	12.4%	2.6%	0.0%	**36.3%**	0.0%	0.0%	6.4%	0.0%	3.6%	7.2%	0.0%	**17.3%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	
PHF	0.884	0.875	0.000	0.000	0.000	**0.894**	0.000	0.000	0.000	0.775	0.828	0.786	0.000	**0.793**	0.000	0.000	0.809	0.000	0.775	0.738	0.000	**0.925**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	**0.922**
Lights	144	234	0	0	0	**378**	0	0	0	168	102	22	0	**292**	0	0	53	0	24	62	0	**139**	0	0	0	0	0	0	0	**0**	0	0	**809**
% Lights	99.3%	92.9%	0.0%	0.0%	0.0%	**95.2%**	0.0%	0.0%	0.0%	91.8%	96.2%	100.0%	0.0%	**93.9%**	0.0%	0.0%	96.4%	0.0%	77.4%	100.0%	0.0%	**93.9%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**94.5%**
HV	1	18	0	0	0	**19**	0	0	0	15	4	0	0	**19**	0	0	2	0	7	0	0	**9**	0	0	0	0	0	0	0	**0**	0	0	**47**
%HV	0.7%	7.1%	0.0%	0.0%	0.0%	**4.8%**	0.0%	0.0%	0.0%	8.2%	3.8%	0.0%	0.0%	**6.1%**	0.0%	0.0%	3.6%	0.0%	22.6%	0.0%	0.0%	**6.1%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**5.5%**
Pedestrians	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0
%Pedestrians	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0
%Bicycles on Crosswalk	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**





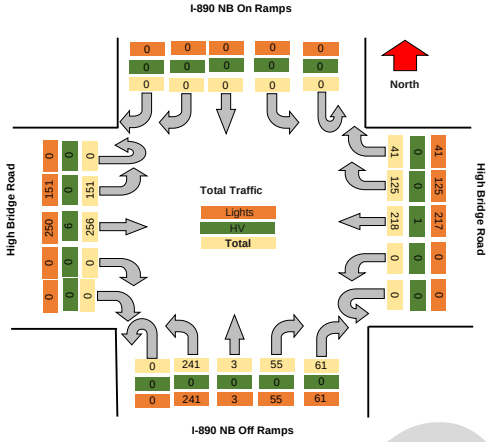
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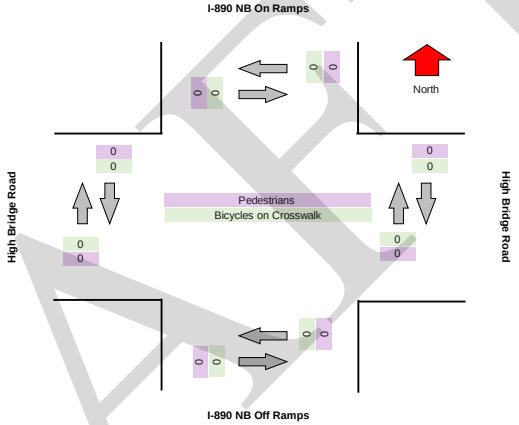
Summary

Turning Movement Peak Hour Data (PM)

4:15:00 PM

Leg	High Bridge Road							High Bridge Road							I-890 NB Off Ramps							I-890 NB On Ramps							Total
Direction	Eastbound							Westbound							Northbound							Southbound							
Start Time	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	Right	RTOR	U-Turn	App Total	Peds CW	Peds CCW	
4:15:00 PM	32	65	0	0	0	**97**	0	0	0	42	24	13	0	**79**	0	0	72	1	19	16	0	**108**	0	0	0	0	0	0	0	**0**	0	0	**284**
4:30:00 PM	47	70	0	0	0	**117**	0	0	0	59	37	9	0	**105**	0	0	56	0	13	10	0	**79**	0	0	0	0	0	0	0	**0**	0	0	**301**
4:45:00 PM	31	73	0	0	0	**104**	0	0	0	62	33	11	0	**106**	0	0	67	1	15	16	0	**99**	0	0	0	0	0	0	0	**0**	0	0	**309**
5:00:00 PM	41	48	0	0	0	**89**	0	0	0	55	31	8	0	**94**	0	0	46	1	8	19	0	**74**	0	0	0	0	0	0	0	**0**	0	0	**257**
Grand Total	151	256	0	0	0	**407**	0	0	0	218	125	41	0	**384**	0	0	241	3	55	61	0	**360**	0	0	0	0	0	0	0	**0**	0	0	**1151**
% Approach	37.1%	62.9%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	56.8%	32.6%	10.7%	0.0%	**0.0%**	0.0%	0.0%	66.9%	0.8%	15.3%	16.9%	0.0%	**0.0%**	0.0%	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	**0.0%**	0.0%	0.0%	
% Total	13.1%	22.2%	0.0%	0.0%	0.0%	**35.4%**	0.0%	0.0%	0.0%	18.9%	10.9%	3.6%	0.0%	**33.4%**	0.0%	0.0%	20.9%	0.3%	4.8%	5.3%	0.0%	**31.3%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	
PHF	0.803	0.877	0.000	0.000	0.000	**0.870**	0.000	0.000	0.000	0.879	0.845	0.788	0.000	**0.906**	0.000	0.000	0.837	0.750	0.724	0.803	0.000	**0.833**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	**0.931**
Lights	151	250	0	0	0	**401**	0	0	0	217	125	41	0	**383**	0	0	241	3	55	61	0	**360**	0	0	0	0	0	0	0	**0**	0	0	**1144**
% Lights	100.0%	97.7%	0.0%	0.0%	0.0%	**98.5%**	0.0%	0.0%	0.0%	99.5%	100.0%	100.0%	0.0%	**99.7%**	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%	**100.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**99.4%**
HV	0	6	0	0	0	**6**	0	0	0	1	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	**7**
% HV	0.0%	2.3%	0.0%	0.0%	0.0%	**1.5%**	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	**0.3%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.6%**
Pedestrians	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**







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TRI-STATE TRAFFIC DATA

TSTData.com

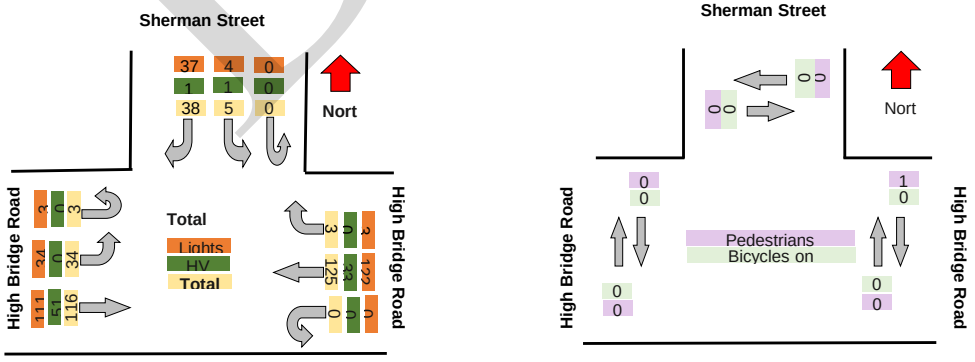
Project	Creighton Manning
Project Code	11765
Site Name	High Bridge Road & Sherman S
Legs and Movements	All Processed Legs & Movemer
Bin Size	15 minutes
Survey Date	2024/02/15, Thursday
Location	High Bridge Road & Sherman S
Latitude and Longitude	42.771132, -73.924424

	Start	End	PHF
AM Peak	2024/02/15 07:45:00	2024/02/15 08:45:00	0.86
PM Peak	2024/02/15 16:15:00	2024/02/15 17:15:00	0.92

Turning Movement Data

Leg	High Bridge Road						High Bridge Road						Sherman Street						
Direction	Eastbound						Westbound						Southbound						
Start Time	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	Total
7:00:00 AM	1	45	0	**46**	0	0	64	0	0	**64**	0	0	0	4	0	**4**	0	0	**114**
7:15:00 AM	2	42	0	**44**	0	0	82	0	0	**82**	0	0	0	2	0	**2**	0	0	**128**
7:30:00 AM	1	75	0	**76**	0	0	70	0	0	**70**	0	0	0	3	0	**3**	0	0	**149**
7:45:00 AM	1	77	1	**79**	0	0	59	0	0	**59**	0	0	0	2	0	**2**	0	0	**140**
Hourly Total	5	239	1	**245**	0	0	275	0	0	**275**	0	0	0	11	0	**11**	0	0	**531**
8:00:00 AM	1	98	0	**99**	0	0	75	1	0	**76**	0	0	1	3	0	**4**	0	0	**179**
8:15:00 AM	1	89	0	**90**	0	0	97	1	0	**98**	0	0	2	3	0	**5**	0	0	**193**
8:30:00 AM	2	75	0	**77**	0	0	71	0	0	**71**	0	0	0	2	0	**2**	0	0	**150**
8:45:00 AM	2	39	0	**41**	0	0	56	0	0	**56**	0	0	0	2	0	**2**	0	0	**99**
Hourly Total	6	301	0	**307**	0	0	299	2	0	**301**	0	0	3	10	0	**13**	0	0	**621**
4:00:00 PM	3	66	1	**70**	0	0	82	0	0	**82**	0	0	0	3	0	**3**	0	0	**155**
4:15:00 PM	2	96	0	**98**	0	0	79	0	0	**79**	0	0	1	0	0	**1**	0	0	**178**
4:30:00 PM	2	93	0	**95**	0	0	98	0	0	**98**	0	0	1	8	0	**9**	0	0	**202**
4:45:00 PM	2	100	0	**102**	0	0	104	0	0	**104**	0	0	0	1	0	**1**	0	0	**207**
Hourly Total	9	355	1	**365**	0	0	363	0	0	**363**	0	0	2	12	0	**14**	0	0	**742**
5:00:00 PM	3	74	0	**77**	0	0	92	1	0	**93**	0	0	0	2	0	**2**	0	0	**172**
5:15:00 PM	5	71	0	**76**	0	0	95	0	0	**95**	0	0	0	1	0	**1**	0	0	**172**
5:30:00 PM	3	67	0	**70**	0	0	73	0	0	**73**	0	0	0	1	0	**1**	0	0	**144**
5:45:00 PM	3	56	1	**60**	0	0	60	0	0	**60**	1	0	0	1	0	**1**	0	0	**121**
Hourly Total	14	268	1	**283**	0	0	320	1	0	**321**	1	0	0	5	0	**5**	0	0	**609**
Grand Total	34	1163	3	**1200**	0	0	1257	3	0	**1260**	1	0	5	38	0	**43**	0	0	**2503**
% Approach	2.8%	96.9%	0.3%	**0.0%**	0.0%	0.0%	99.8%	0.2%	0.0%	**0.0%**	0.0%	0.0%	11.6%	88.4%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
% Total	1.4%	46.5%	0.1%	**47.9%**	0.0%	0.0%	50.2%	0.1%	0.0%	**50.3%**	0.0%	0.0%	0.2%	1.5%	0.0%	**1.7%**	0.0%	0.0%	**0.0%**
Lights	34	1112	3	**1149**	0	0	1224	3	0	**1227**	0	0	4	37	0	**41**	0	0	**2417**
% Lights	100.0%	95.6%	100.0%	**95.8%**	0.0%	0.0%	97.4%	100.0%	0.0%	**97.4%**	0.0%	0.0%	80.0%	97.4%	0.0%	**95.3%**	0.0%	0.0%	**96.6%**
Hv	0	51	0	**51**	0	0	33	0	0	**33**	0	0	1	1	0	**2**	0	0	**86**
% HV	0.0%	4.4%	0.0%	**4.3%**	0.0%	0.0%	2.6%	0.0%	0.0%	**2.6%**	0.0%	0.0%	20.0%	2.6%	0.0%	**4.7%**	0.0%	0.0%	**3.4%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	1	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	100.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**

Turning Movement Data Plot



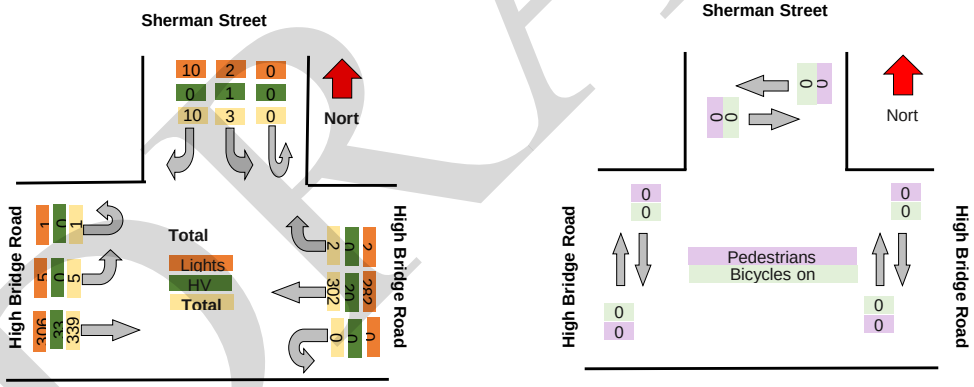
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TSTData.com

Turning Movement Peak Hour Data (AM)

7:45:00 AM

Leg	High Bridge Road						High Bridge Road						Sherman Street						Total
Direction	Eastbound						Westbound						Southbound						
Start Time	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	
7:45:00 AM	1	77	1	**79**	0	0	59	0	0	**59**	0	0	0	2	0	**2**	0	0	**140**
8:00:00 AM	1	98	0	**99**	0	0	75	1	0	**76**	0	0	1	3	0	**4**	0	0	**179**
8:15:00 AM	1	89	0	**90**	0	0	97	1	0	**98**	0	0	2	3	0	**5**	0	0	**193**
8:30:00 AM	2	75	0	**77**	0	0	71	0	0	**71**	0	0	0	2	0	**2**	0	0	**150**
Grand Total	5	339	1	**345**	0	0	302	2	0	**304**	0	0	3	10	0	**13**	0	0	**662**
% Approach	1.4%	98.3%	0.3%	**0.0%**	0.0%	0.0%	99.3%	0.7%	0.0%	**0.0%**	0.0%	0.0%	23.1%	76.9%	0.0%	**0.0%**	0.0%	0.0%	
% Total	0.8%	51.2%	0.2%	**52.1%**	0.0%	0.0%	45.6%	0.3%	0.0%	**45.9%**	0.0%	0.0%	0.5%	1.5%	0.0%	**2.0%**	0.0%	0.0%	
PHF	0.625	0.865	0.250	**0.871**	0.000	0.000	0.778	0.500	0.000	**0.776**	0.000	0.000	0.375	0.833	0.000	**0.650**	0.000	0.000	**0.858**
Lights	5	306	1	**312**	0	0	282	2	0	**284**	0	0	2	10	0	**12**	0	0	**608**
% Lights	100.0%	90.3%	100.0%	**90.4%**	0.0%	0.0%	93.4%	100.0%	0.0%	**93.4%**	0.0%	0.0%	66.7%	100.0%	0.0%	**92.3%**	0.0%	0.0%	**91.8%**
HV	0	33	0	**33**	0	0	20	0	0	**20**	0	0	1	0	0	**1**	0	0	**54**
% HV	0.0%	9.7%	0.0%	**9.6%**	0.0%	0.0%	6.6%	0.0%	0.0%	**6.6%**	0.0%	0.0%	33.3%	0.0%	0.0%	**7.7%**	0.0%	0.0%	**8.2%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**



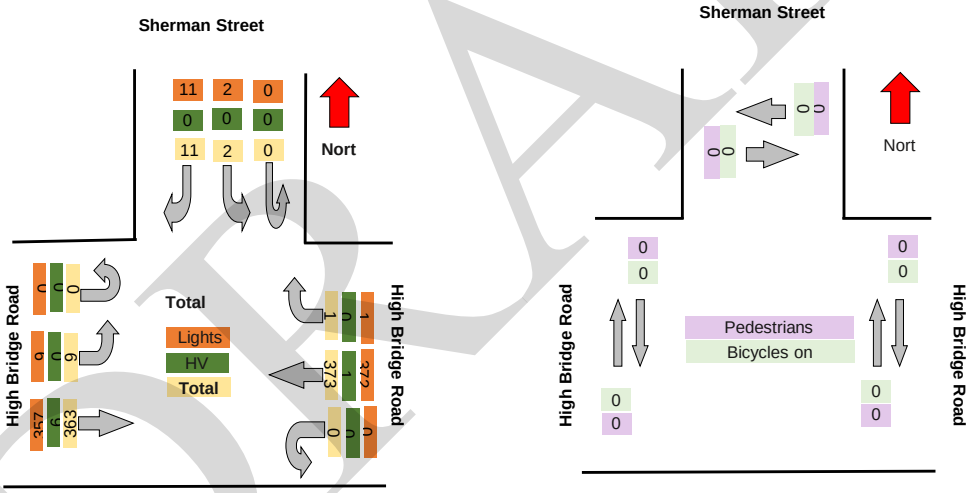
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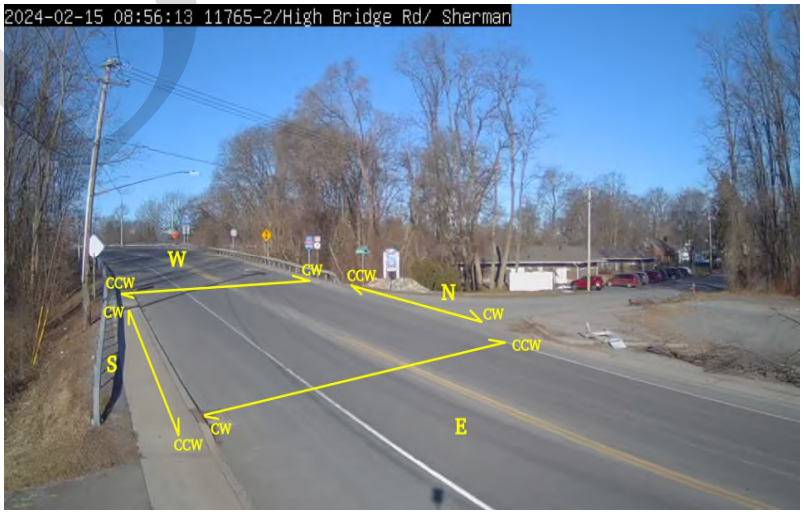
TSTData.com

Turning Movement Peak Hour Data (PM)

4:15:00 PM

Leg	High Bridge Road						High Bridge Road						Sherman Street						Total
Direction	Eastbound						Westbound						Southbound						
Start Time	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	
4:15:00 PM	2	96	0	**98**	0	0	79	0	0	**79**	0	0	1	0	0	**1**	0	0	**178**
4:30:00 PM	2	93	0	**95**	0	0	98	0	0	**98**	0	0	1	8	0	**9**	0	0	**202**
4:45:00 PM	2	100	0	**102**	0	0	104	0	0	**104**	0	0	0	1	0	**1**	0	0	**207**
5:00:00 PM	3	74	0	**77**	0	0	92	1	0	**93**	0	0	0	2	0	**2**	0	0	**172**
Grand Total	9	363	0	**372**	0	0	373	1	0	**374**	0	0	2	11	0	**13**	0	0	**759**
% Approach	2.4%	97.6%	0.0%	**0.0%**	0.0%	0.0%	99.7%	0.3%	0.0%	**0.0%**	0.0%	0.0%	15.4%	84.6%	0.0%	**0.0%**	0.0%	0.0%	
% Total	1.2%	47.8%	0.0%	**49.0%**	0.0%	0.0%	49.1%	0.1%	0.0%	**49.3%**	0.0%	0.0%	0.3%	1.4%	0.0%	**1.7%**	0.0%	0.0%	
PHF	0.750	0.908	0.000	**0.912**	0.000	0.000	0.897	0.250	0.000	**0.899**	0.000	0.000	0.500	0.344	0.000	**0.361**	0.000	0.000	**0.917**
Lights	9	357	0	**366**	0	0	372	1	0	**373**	0	0	2	11	0	**13**	0	0	**752**
% Lights	100.0%	98.3%	0.0%	**98.4%**	0.0%	0.0%	99.7%	100.0%	0.0%	**99.7%**	0.0%	0.0%	100.0%	100.0%	0.0%	**100.0%**	0.0%	0.0%	**99.1%**
HV	0	6	0	**6**	0	0	1	0	0	**1**	0	0	0	0	0	**0**	0	0	**7**
% HV	0.0%	1.7%	0.0%	**1.6%**	0.0%	0.0%	0.3%	0.0%	0.0%	**0.3%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.9%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**





DRAFT

TRI-STATE TRAFFIC DATA

TSTData.com

Summary

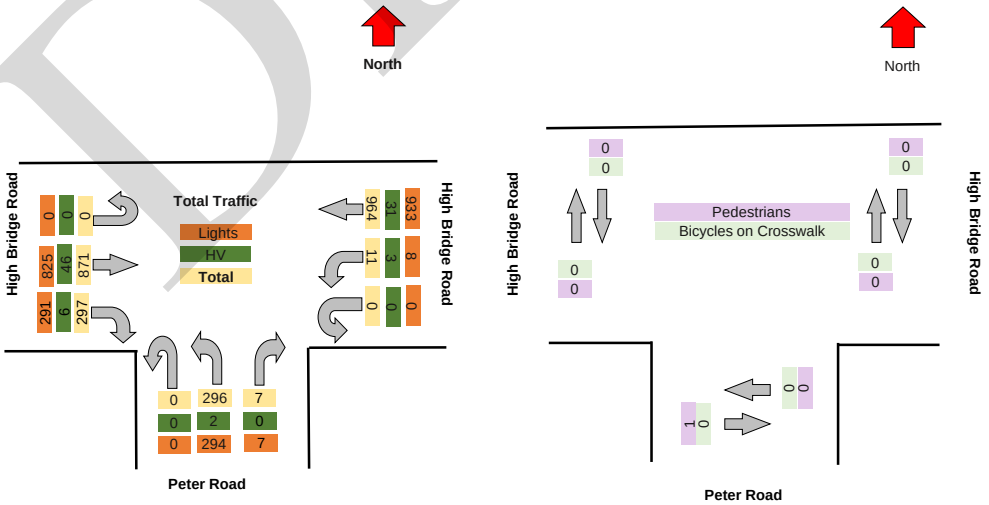
Project	Creighton Manning
Project Code	11765
Site Name	High Bridge Road & Peter Road
Legs and Movements	All Processed Legs & Movemen
Bin Size	15 minutes
Survey Date	2024/02/15, Thursday
Location	High Bridge Road & Peter Road
Latitude and Longitude	42.771021, -73.923649

	Start	End	PHF
AM Peak	2024/02/15 07:45:00	2024/02/15 08:45:00	0.86
PM Peak	2024/02/15 16:15:00	2024/02/15 17:15:00	0.92

Turning Movement Data

Leg	High Bridge Road						High Bridge Road						Peter Road						
Direction	Eastbound						Westbound						Northbound						
Start Time	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	Total
7:00:00 AM	38	7	0	**45**	0	0	0	40	0	**40**	0	0	24	0	0	**24**	0	0	**109**
7:15:00 AM	32	10	0	**42**	0	0	0	54	0	**54**	0	0	28	0	0	**28**	0	0	**124**
7:30:00 AM	61	14	0	**75**	0	0	0	53	0	**53**	0	0	17	0	0	**17**	0	0	**145**
7:45:00 AM	72	5	0	**77**	0	0	2	40	0	**42**	0	0	19	0	0	**19**	0	0	**138**
Hourly Total	203	36	0	**239**	0	0	2	187	0	**189**	0	0	88	0	0	**88**	0	0	**516**
8:00:00 AM	82	17	0	**99**	0	0	3	56	0	**59**	0	0	20	1	0	**21**	0	0	**179**
8:15:00 AM	68	23	0	**91**	0	0	0	80	0	**80**	0	0	18	1	0	**19**	0	0	**190**
8:30:00 AM	59	16	0	**75**	0	0	0	57	0	**57**	0	0	14	0	0	**14**	0	0	**146**
8:45:00 AM	30	9	0	**39**	0	0	0	44	0	**44**	0	0	12	0	0	**12**	0	0	**95**
Hourly Total	239	65	0	**304**	0	0	3	237	0	**240**	0	0	64	2	0	**66**	0	0	**610**
4:00:00 PM	47	18	0	**65**	0	0	2	63	0	**65**	0	0	19	0	0	**19**	0	0	**149**
4:15:00 PM	73	25	0	**98**	0	0	0	62	0	**62**	0	0	17	1	0	**18**	0	0	**178**
4:30:00 PM	68	26	0	**94**	0	0	0	78	0	**78**	0	0	21	1	0	**22**	0	0	**194**
4:45:00 PM	68	31	0	**99**	0	0	0	82	0	**82**	0	0	21	1	0	**22**	0	0	**203**
Hourly Total	256	100	0	**356**	0	0	2	285	0	**287**	0	0	78	3	0	**81**	0	0	**724**
5:00:00 PM	52	23	0	**75**	0	0	1	77	0	**78**	0	0	16	0	0	**16**	0	0	**169**
5:15:00 PM	43	27	0	**70**	0	0	0	76	0	**76**	0	0	19	1	0	**20**	0	0	**166**
5:30:00 PM	43	25	0	**68**	0	0	2	62	0	**64**	0	0	12	0	0	**12**	0	0	**144**
5:45:00 PM	35	21	0	**56**	0	0	1	40	0	**41**	0	0	19	1	0	**20**	0	1	**117**
Hourly Total	173	96	0	**269**	0	0	4	255	0	**259**	0	0	66	2	0	**68**	0	1	**596**
Grand Total	871	297	0	**1168**	0	0	11	964	0	**975**	0	0	296	7	0	**303**	0	1	**2446**
% Approach	74.6%	25.4%	0.0%	**0.0%**	0.0%	0.0%	1.1%	98.9%	0.0%	**0.0%**	0.0%	0.0%	97.7%	2.3%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
% Total	35.6%	12.1%	0.0%	**47.8%**	0.0%	0.0%	0.4%	39.4%	0.0%	**39.9%**	0.0%	0.0%	12.1%	0.3%	0.0%	**12.4%**	0.0%	0.0%	**0.0%**
Lights	825	291	0	**1116**	0	0	8	933	0	**941**	0	0	294	7	0	**301**	0	0	**2358**
% Lights	94.7%	98.0%	0.0%	**95.5%**	0.0%	0.0%	72.7%	96.8%	0.0%	**96.5%**	0.0%	0.0%	99.3%	100.0%	0.0%	**99.3%**	0.0%	0.0%	**96.4%**
Hv	46	6	0	**52**	0	0	3	31	0	**34**	0	0	2	0	0	**2**	0	0	**88**
% HV	5.3%	2.0%	0.0%	**4.5%**	0.0%	0.0%	27.3%	3.2%	0.0%	**3.5%**	0.0%	0.0%	0.7%	0.0%	0.0%	**0.7%**	0.0%	0.0%	**3.6%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	1	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	100.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**

Turning Movement Data Plot



DRAFT

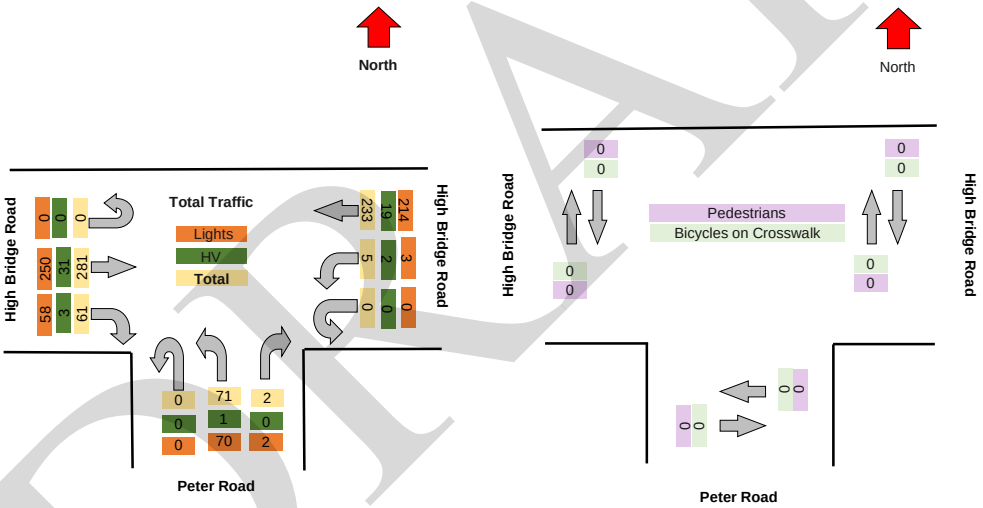
TSTData.com

Summary

Turning Movement Peak Hour Data (AM)

7:45:00 AM

Leg	High Bridge Road						High Bridge Road						Peter Road						Total
Direction	Eastbound						Westbound						Northbound						
Start Time	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	
7:45:00 AM	72	5	0	**77**	0	0	2	40	0	**42**	0	0	19	0	0	**19**	0	0	**138**
8:00:00 AM	82	17	0	**99**	0	0	3	56	0	**59**	0	0	20	1	0	**21**	0	0	**179**
8:15:00 AM	68	23	0	**91**	0	0	0	80	0	**80**	0	0	18	1	0	**19**	0	0	**190**
8:30:00 AM	59	16	0	**75**	0	0	0	57	0	**57**	0	0	14	0	0	**14**	0	0	**146**
Grand Total	281	61	0	**342**	0	0	5	233	0	**238**	0	0	71	2	0	**73**	0	0	**653**
% Approach	82.2%	17.8%	0.0%	**0.0%**	0.0%	0.0%	2.1%	97.9%	0.0%	**0.0%**	0.0%	0.0%	97.3%	2.7%	0.0%	**0.0%**	0.0%	0.0%	
% Total	43.0%	9.3%	0.0%	**52.4%**	0.0%	0.0%	0.8%	35.7%	0.0%	**36.4%**	0.0%	0.0%	10.9%	0.3%	0.0%	**11.2%**	0.0%	0.0%	
PHF	0.857	0.663	0.000	**0.864**	0.000	0.000	0.417	0.728	0.000	**0.744**	0.000	0.000	0.888	0.500	0.000	**0.869**	0.000	0.000	**0.859**
Lights	250	58	0	**308**	0	0	3	214	0	**217**	0	0	70	2	0	**72**	0	0	**597**
% Lights	89.0%	95.1%	0.0%	**90.1%**	0.0%	0.0%	60.0%	91.8%	0.0%	**91.2%**	0.0%	0.0%	98.6%	100.0%	0.0%	**98.6%**	0.0%	0.0%	**91.4%**
HV	31	3	0	**34**	0	0	2	19	0	**21**	0	0	1	0	0	**1**	0	0	**56**
% HV	11.0%	4.9%	0.0%	**9.9%**	0.0%	0.0%	40.0%	8.2%	0.0%	**8.8%**	0.0%	0.0%	1.4%	0.0%	0.0%	**1.4%**	0.0%	0.0%	**8.6%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**



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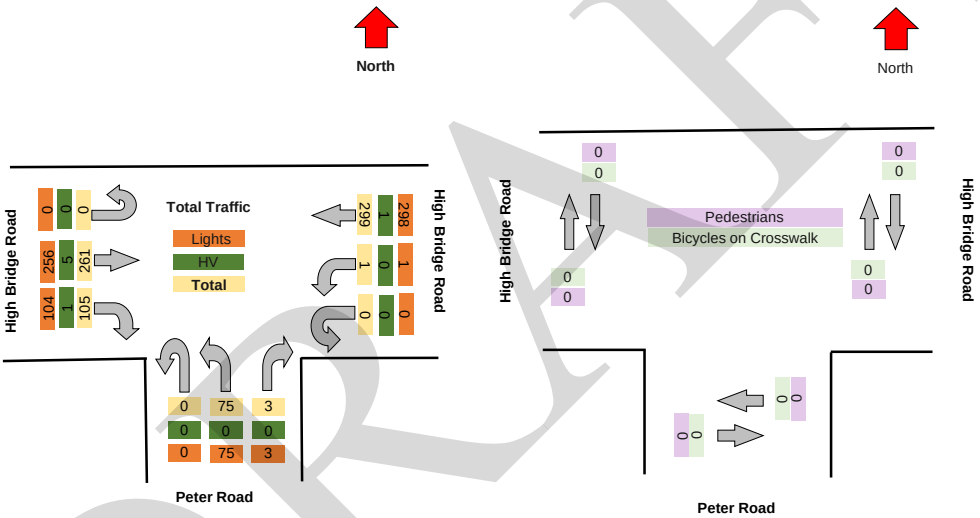
TSTData.com

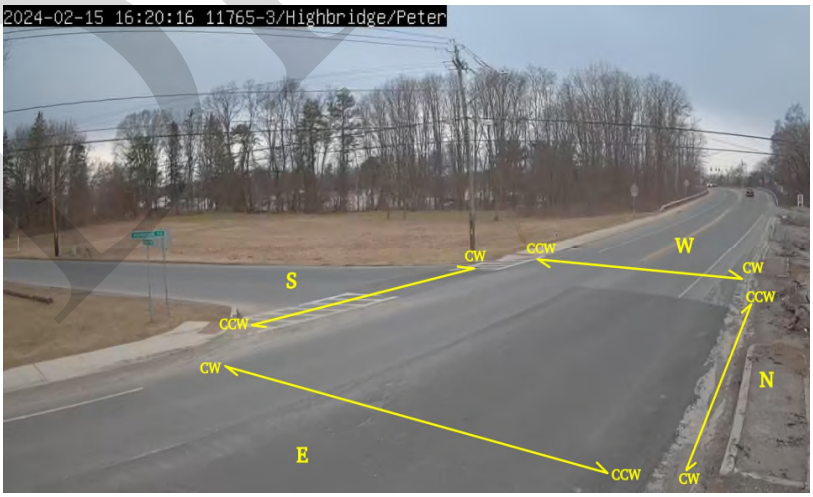
Summary

Turning Movement Peak Hour Data (PM)

4:15:00 PM

Leg	High Bridge Road						High Bridge Road						Peter Road						Total
Direction	Eastbound						Westbound						Northbound						
Start Time	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	
4:15:00 PM	73	25	0	**98**	0	0	0	62	0	**62**	0	0	17	1	0	**18**	0	0	**178**
4:30:00 PM	68	26	0	**94**	0	0	0	78	0	**78**	0	0	21	1	0	**22**	0	0	**194**
4:45:00 PM	68	31	0	**99**	0	0	0	82	0	**82**	0	0	21	1	0	**22**	0	0	**203**
5:00:00 PM	52	23	0	**75**	0	0	1	77	0	**78**	0	0	16	0	0	**16**	0	0	**169**
Grand Total	261	105	0	**366**	0	0	1	299	0	**300**	0	0	75	3	0	**78**	0	0	**744**
% Approach	71.3%	28.7%	0.0%	**0.0%**	0.0%	0.0%	0.3%	99.7%	0.0%	**0.0%**	0.0%	0.0%	96.2%	3.8%	0.0%	**0.0%**	0.0%	0.0%	
% Total	35.1%	14.1%	0.0%	**49.2%**	0.0%	0.0%	0.1%	40.2%	0.0%	**40.3%**	0.0%	0.0%	10.1%	0.4%	0.0%	**10.5%**	0.0%	0.0%	
PHF	0.894	0.847	0.000	**0.924**	0.000	0.000	0.250	0.912	0.000	**0.915**	0.000	0.000	0.893	0.750	0.000	**0.886**	0.000	0.000	**0.916**
Lights	256	104	0	**360**	0	0	1	298	0	**299**	0	0	75	3	0	**78**	0	0	**737**
% Lights	98.1%	99.0%	0.0%	**98.4%**	0.0%	0.0%	100.0%	99.7%	0.0%	**99.7%**	0.0%	0.0%	100.0%	100.0%	0.0%	**100.0%**	0.0%	0.0%	**99.1%**
HV	5	1	0	**6**	0	0	0	1	0	**1**	0	0	0	0	0	**0**	0	0	**7**
% HV	1.9%	1.0%	0.0%	**1.6%**	0.0%	0.0%	0.0%	0.3%	0.0%	**0.3%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.9%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**





DRAFT

TRI-STATE TRAFFIC DATA

TSTData.com

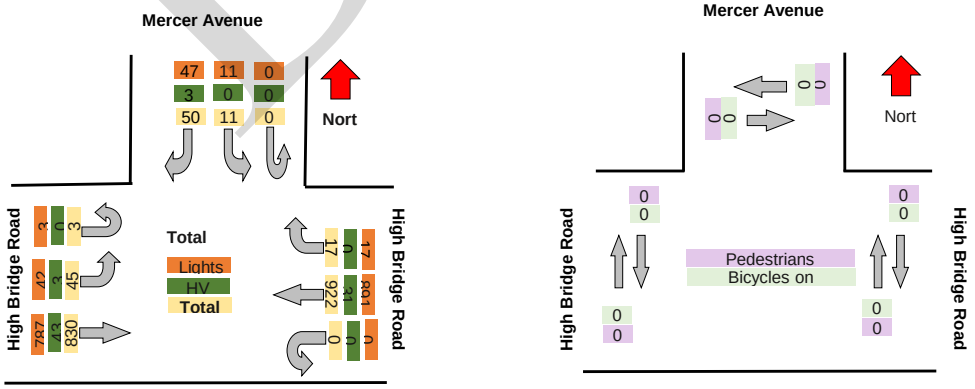
Project	Creighton Manning
Project Code	11765
Site Name	High Bridge Road & Mercer Av
Legs and Movements	All Processed Legs & Movemer
Bin Size	15 minutes
Survey Date	2024/02/15, Thursday
Location	High Bridge Road & Mercer Av
Latitude and Longitude	42.770990, -73.923115

	Start	End	PHF
AM Peak	2024/02/15 07:45:00	2024/02/15 08:45:00	0.87
PM Peak	2024/02/15 16:15:00	2024/02/15 17:15:00	0.92

Turning Movement Data

Leg	High Bridge Road						High Bridge Road						Mercer Avenue						
Direction	Eastbound						Westbound						Southbound						
Start Time	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	Total
7:00:00 AM	1	37	0	**38**	0	0	36	0	0	**36**	0	0	1	4	0	**5**	0	0	**79**
7:15:00 AM	2	30	0	**32**	0	0	49	0	0	**49**	0	0	3	5	0	**8**	0	0	**89**
7:30:00 AM	1	60	0	**61**	0	0	48	0	0	**48**	0	0	1	5	0	**6**	0	0	**115**
7:45:00 AM	1	71	0	**72**	0	0	39	0	0	**39**	0	0	0	3	0	**3**	0	0	**114**
Hourly Total	5	198	0	**203**	0	0	172	0	0	**172**	0	0	5	17	0	**22**	0	0	**397**
8:00:00 AM	1	81	0	**82**	0	0	55	0	0	**55**	0	0	3	4	0	**7**	0	0	**144**
8:15:00 AM	3	67	0	**70**	0	0	78	2	0	**80**	0	0	0	2	0	**2**	0	0	**152**
8:30:00 AM	1	58	0	**59**	0	0	56	0	0	**56**	0	0	1	1	0	**2**	0	0	**117**
8:45:00 AM	1	29	0	**30**	0	0	42	0	0	**42**	0	0	1	2	0	**3**	0	0	**75**
Hourly Total	6	235	0	**241**	0	0	231	2	0	**233**	0	0	5	9	0	**14**	0	0	**488**
4:00:00 PM	5	42	0	**47**	0	0	60	2	0	**62**	0	0	0	5	0	**5**	0	0	**114**
4:15:00 PM	4	70	0	**74**	0	0	61	2	0	**63**	0	0	0	1	0	**1**	0	0	**138**
4:30:00 PM	4	63	1	**68**	0	0	76	0	0	**76**	0	0	0	1	0	**1**	0	0	**145**
4:45:00 PM	7	62	1	**70**	0	0	80	3	0	**83**	0	0	1	1	0	**2**	0	0	**155**
Hourly Total	20	237	2	**259**	0	0	277	7	0	**284**	0	0	1	8	0	**9**	0	0	**552**
5:00:00 PM	3	48	1	**52**	0	0	73	4	0	**77**	0	0	0	4	0	**4**	0	0	**133**
5:15:00 PM	3	41	0	**44**	0	0	73	1	0	**74**	0	0	0	3	0	**3**	0	0	**121**
5:30:00 PM	4	39	0	**43**	0	0	58	1	0	**59**	0	0	0	6	0	**6**	0	0	**108**
5:45:00 PM	4	32	0	**36**	0	0	38	2	0	**40**	0	0	0	3	0	**3**	0	0	**79**
Hourly Total	14	160	1	**175**	0	0	242	8	0	**250**	0	0	0	16	0	**16**	0	0	**441**
Grand Total	45	830	3	**878**	0	0	922	17	0	**939**	0	0	11	50	0	**61**	0	0	**1878**
% Approach	5.1%	94.5%	0.3%	**0.0%**	0.0%	0.0%	98.2%	1.8%	0.0%	**0.0%**	0.0%	0.0%	18.0%	82.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
% Total	2.4%	44.2%	0.2%	**46.8%**	0.0%	0.0%	49.1%	0.9%	0.0%	**50.0%**	0.0%	0.0%	0.6%	2.7%	0.0%	**3.2%**	0.0%	0.0%	**0.0%**
Lights	42	787	3	**832**	0	0	891	17	0	**908**	0	0	11	47	0	**58**	0	0	**1798**
% Lights	93.3%	94.8%	100.0%	**94.8%**	0.0%	0.0%	96.6%	100.0%	0.0%	**96.7%**	0.0%	0.0%	100.0%	94.0%	0.0%	**95.1%**	0.0%	0.0%	**95.7%**
Hv	3	43	0	**46**	0	0	31	0	0	**31**	0	0	0	3	0	**3**	0	0	**80**
% HV	6.7%	5.2%	0.0%	**5.2%**	0.0%	0.0%	3.4%	0.0%	0.0%	**3.3%**	0.0%	0.0%	0.0%	6.0%	0.0%	**4.9%**	0.0%	0.0%	**4.3%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**

Turning Movement Data Plot



DRAFT

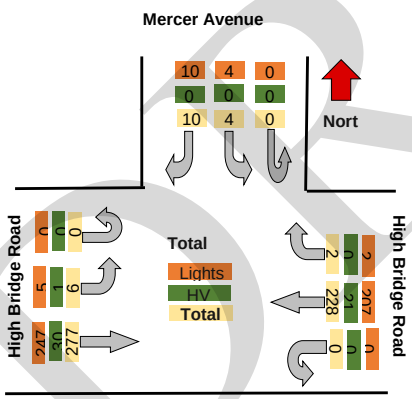
TRI-STATE TRAFFIC DATA

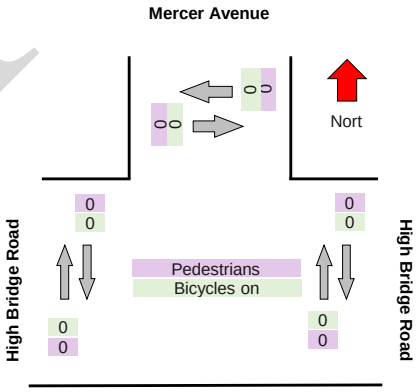
TSTData.com

Turning Movement Peak Hour Data (AM)

7:45:00 AM

Leg	High Bridge Road						High Bridge Road						Mercer Avenue						Total
Direction	Eastbound						Westbound						Southbound						
Start Time	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	
7:45:00 AM	1	71	0	**72**	0	0	39	0	0	**39**	0	0	0	3	0	**3**	0	0	**114**
8:00:00 AM	1	81	0	**82**	0	0	55	0	0	**55**	0	0	3	4	0	**7**	0	0	**144**
8:15:00 AM	3	67	0	**70**	0	0	78	2	0	**80**	0	0	0	2	0	**2**	0	0	**152**
8:30:00 AM	1	58	0	**59**	0	0	56	0	0	**56**	0	0	1	1	0	**2**	0	0	**117**
Grand Total	6	277	0	**283**	0	0	228	2	0	**230**	0	0	4	10	0	**14**	0	0	**527**
% Approach	2.1%	97.9%	0.0%	**0.0%**	0.0%	0.0%	99.1%	0.9%	0.0%	**0.0%**	0.0%	0.0%	28.6%	71.4%	0.0%	**0.0%**	0.0%	0.0%	
% Total	1.1%	52.6%	0.0%	**53.7%**	0.0%	0.0%	43.3%	0.4%	0.0%	**43.6%**	0.0%	0.0%	0.8%	1.9%	0.0%	**2.7%**	0.0%	0.0%	
PHF	0.500	0.855	0.000	**0.863**	0.000	0.000	0.731	0.250	0.000	**0.719**	0.000	0.000	0.333	0.625	0.000	**0.500**	0.000	0.000	**0.867**
Lights	5	247	0	**252**	0	0	207	2	0	**209**	0	0	4	10	0	**14**	0	0	**475**
% Lights	83.3%	89.2%	0.0%	**89.0%**	0.0%	0.0%	90.8%	100.0%	0.0%	**90.9%**	0.0%	0.0%	100.0%	100.0%	0.0%	**100.0%**	0.0%	0.0%	**90.1%**
HV	1	30	0	**31**	0	0	21	0	0	**21**	0	0	0	0	0	**0**	0	0	**52**
% HV	16.7%	10.8%	0.0%	**11.0%**	0.0%	0.0%	9.2%	0.0%	0.0%	**9.1%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**9.9%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**





DRAFT

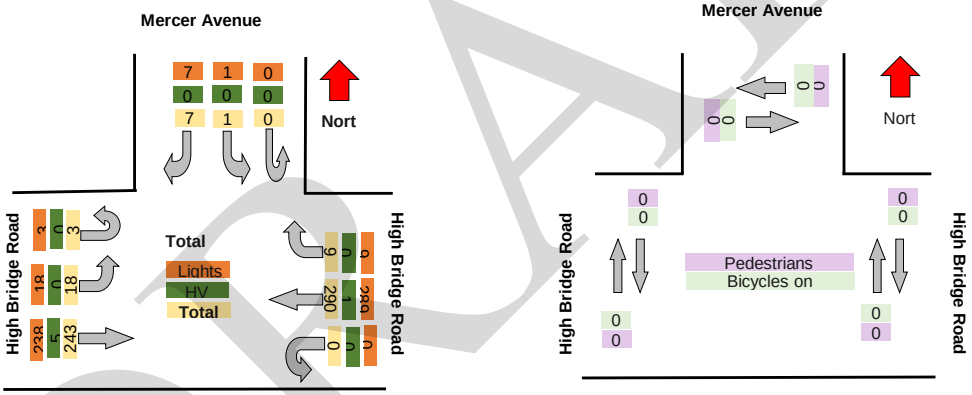
TRI-STATE TRAFFIC DATA

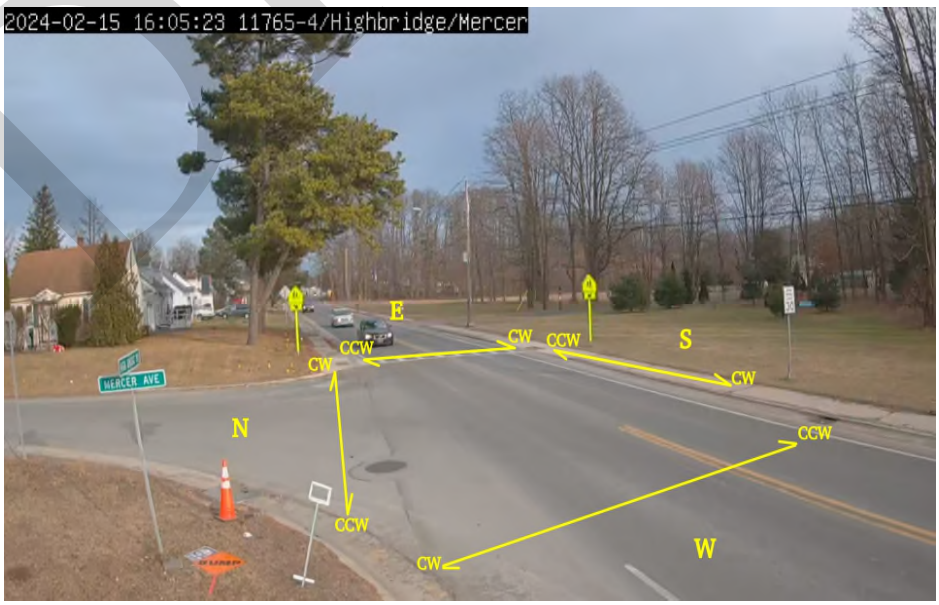
TSTData.com

Turning Movement Peak Hour Data (PM)

4:15:00 PM

Leg	High Bridge Road						High Bridge Road						Mercer Avenue						Total
Direction	Eastbound						Westbound						Southbound						
Start Time	Left	Thru	U-Turn	App Total	Peds CW	Peds CCW	Thru	Right	U-Turn	App Total	Peds CW	Peds CCW	Left	Right	U-Turn	App Total	Peds CW	Peds CCW	
4:15:00 PM	4	70	0	**74**	0	0	61	2	0	**63**	0	0	0	1	0	**1**	0	0	**138**
4:30:00 PM	4	63	1	**68**	0	0	76	0	0	**76**	0	0	0	1	0	**1**	0	0	**145**
4:45:00 PM	7	62	1	**70**	0	0	80	3	0	**83**	0	0	1	1	0	**2**	0	0	**155**
5:00:00 PM	3	48	1	**52**	0	0	73	4	0	**77**	0	0	0	4	0	**4**	0	0	**133**
Grand Total	18	243	3	**264**	0	0	290	9	0	**299**	0	0	1	7	0	**8**	0	0	**571**
% Approach	6.8%	92.0%	1.1%	**0.0%**	0.0%	0.0%	97.0%	3.0%	0.0%	**0.0%**	0.0%	0.0%	12.5%	87.5%	0.0%	**0.0%**	0.0%	0.0%	
% Total	3.2%	42.6%	0.5%	**46.2%**	0.0%	0.0%	50.8%	1.6%	0.0%	**52.4%**	0.0%	0.0%	0.2%	1.2%	0.0%	**1.4%**	0.0%	0.0%	
PHF	0.643	0.868	0.750	**0.892**	0.000	0.000	0.906	0.563	0.000	**0.901**	0.000	0.000	0.250	0.438	0.000	**0.500**	0.000	0.000	**0.921**
Lights	18	238	3	**259**	0	0	289	9	0	**298**	0	0	1	7	0	**8**	0	0	**565**
% Lights	100.0%	97.9%	100.0%	**98.1%**	0.0%	0.0%	99.7%	100.0%	0.0%	**99.7%**	0.0%	0.0%	100.0%	100.0%	0.0%	**100.0%**	0.0%	0.0%	**98.9%**
HV	0	5	0	**5**	0	0	1	0	0	**1**	0	0	0	0	0	**0**	0	0	**6**
% HV	0.0%	2.1%	0.0%	**1.9%**	0.0%	0.0%	0.3%	0.0%	0.0%	**0.3%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**1.1%**
Pedestrians	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Pedestrians	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**
Bicycles on Crosswalk	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0
% Bicycles on Crosswalk	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	**0.0%**





DRAFT

Multi-Day Volume Report NYSDOT_SC 168201000000 Tuesday, May 2, 2023 to Wednesday, May 3, 2023

Site Name 168201
Site ID 168201000000
Description CR48 HIGHBRIDGE RD from CR 67
Region 1
County Schenectady
DOTID 113506
County Order 1

Lanes Lane: <Unnamed>
Time Period 1 hour
Exclude data: None

All Eastbound				All Westbound				EB/WB Directions			
Time	Tue	Wed	Average	Time	Tue	Wed	Average	Time	Tue	Wed	Average
Time	5/2/2023	5/3/2023	Workday	Time	5/2/2023	5/3/2023	Workday	Time	5/2/2023	5/3/2023	Workday
00:00:00	20	15	18	0:00:00	16	10	13	00:00:00	36	25	30
01:00:00	9	9	9	1:00:00	4	5	4	01:00:00	13	14	14
02:00:00	9	14	12	2:00:00	6	6	6	02:00:00	15	20	18
03:00:00	8	9	8	3:00:00	13	8	10	03:00:00	21	17	19
04:00:00	13	12	12	4:00:00	25	30	28	04:00:00	38	42	40
05:00:00	51	42	46	5:00:00	49	50	50	05:00:00	100	92	96
06:00:00	135	130	132	6:00:00	178	186	182	06:00:00	313	316	314
07:00:00	362	347	354	7:00:00	292	280	286	07:00:00	654	627	640
08:00:00	274	303	288	8:00:00	316	298	307	08:00:00	590	601	596
09:00:00	184	189	186	9:00:00	164	209	186	09:00:00	348	398	373
10:00:00	194	201	198	10:00:00	235	216	226	10:00:00	429	417	423
11:00:00	225	209	217	11:00:00	229	266	248	11:00:00	454	475	464
12:00:00	246	202	224	12:00:00	248	257	252	12:00:00	494	459	476
13:00:00	226	215	220	13:00:00	264	262	263	13:00:00	490	477	484
14:00:00	273	296	284	14:00:00	354	403	378	14:00:00	627	699	663
15:00:00	361	305	333	15:00:00	474	447	460	15:00:00	835	752	794
16:00:00	388	375	382	16:00:00	481	462	472	16:00:00	869	837	853
17:00:00	307	286	296	17:00:00	419	425	422	17:00:00	726	711	718
18:00:00	199	195	197	18:00:00	267	238	252	18:00:00	466	433	450
19:00:00	181	185	183	19:00:00	195	199	197	19:00:00	376	384	380
20:00:00	134	122	128	20:00:00	144	120	132	20:00:00	278	242	260
21:00:00	73	77	75	21:00:00	73	55	64	21:00:00	146	132	139
22:00:00	63	45	54	22:00:00	38	47	42	22:00:00	101	92	96
23:00:00	30	31	30	23:00:00	23	35	29	23:00:00	53	66	60
7am-7pm	3239	3123	3181	7am-7pm	3743	3763	3753	7am-7pm	6982	6886	6934
6am-10pm	3762	3637	3700	6am-10pm	4333	4323	4328	6am-10pm	8095	7960	8028
6am-12am	3855	3713	3784	6am-12am	4394	4405	4400	6am-12am	8249	8118	8184
12am-12am	3965	3814	3890	12am-12am	4507	4514	4510	12am-12am	8472	8328	8400
am Peak	7:00:00	7:00:00	7:00:00	am Peak	8:00:00	8:00:00	8:00:00	am Peak	7:00:00	7:00:00	7:00:00
Peak Volume	362	347	354	Peak Volume	316	298	307	Peak Volume	654	627	640
pm Peak	16:00:00	16:00:00	16:00:00	pm Peak	16:00:00	16:00:00	16:00:00	pm Peak	16:00:00	16:00:00	16:00:00
Peak Volume	388	375	382	Peak Volume	481	462	472	Peak Volume	869	837	853

Notes on data:

Weekly (7-day) averages are calculated as the average of workday values (minimum 2
Working day (5-day) calculations are based on the working week (Monday 06:00:00 to

Holidays & Events:

None

DRAFT

Multi-Day Speed by Direction Report NYSDOT_SC 168201000000 Tuesday, May 2, 2023 to Wednesday, May 3, 2023

Site Name: 168201, Site ID: 168201000000, Description: CR48 HIGHBRIDGE RD from CR 67 to CR 65
Interval: 24 hours, Exclude: Unchecked

Date	Time	Direction	<20 mph	20-25 mph	25-30 mph	30-35 mph	35-40 mph	40-45 mph	45-50 mph	50-55 mph	55-60 mph	60-65 mph	65-70 mph	70-75 mph	75-80 mph	80-85 mph	>85 mph	85th %ile	Total
Tuesday 2 May 2023	00:00	E	19	65	303	1167	1601	659	123	21	5	2	0	0	0	0	0	42	3965
		W	30	74	225	1052	1906	975	208	34	1	2	0	0	0	0	0	43	4507
Wednesday 3 May 2023	00:00	E	30	51	234	1026	1544	758	137	23	6	5	0	0	0	0	0	42	3814
		W	21	65	170	943	1928	1115	231	33	6	2	0	0	0	0	0	43	4514

Events
No events

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Tri-State Traffic Data Inc

TSTData.com

Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

Start	12-Feb-24		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
Time	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	*	*	1	1	2	0	2	0	3	0	2	0
01:00	*	*	*	*	*	*	0	0	1	1	2	0	0	0	1	0
02:00	*	*	*	*	*	*	1	0	0	0	0	0	0	1	0	0
03:00	*	*	*	*	*	*	0	0	2	0	0	0	1	0	1	0
04:00	*	*	*	*	*	*	1	0	1	0	1	0	1	0	1	0
05:00	*	*	*	*	*	*	0	1	0	0	2	0	0	0	0	0
06:00	*	*	*	*	*	*	0	3	0	1	1	1	0	1	0	2
07:00	*	*	*	*	*	*	3	3	**5**	4	1	2	0	1	2	2
08:00	*	*	*	*	*	*	5	11	1	**9**	1	5	2	4	2	**7**
09:00	*	*	*	*	*	*	**8**	**13**	0	1	4	**8**	**4**	3	**4**	6
10:00	*	*	*	*	*	*	5	9	0	0	4	7	3	5	3	5
11:00	*	*	*	*	*	*	5	6	0	0	**7**	7	2	**6**	4	5
12:00 PM	*	*	*	*	*	*	7	8	0	3	6	5	8	**8**	5	6
01:00	*	*	*	*	*	*	6	4	0	0	5	7	6	8	4	5
02:00	*	*	*	*	*	*	6	5	0	1	8	**10**	6	6	5	6
03:00	*	*	*	*	*	*	4	11	6	5	5	9	9	6	6	**8**
04:00	*	*	*	*	*	*	**15**	8	6	11	7	2	7	4	9	6
05:00	*	*	*	*	*	*	9	**13**	**14**	5	**12**	9	5	6	10	8
06:00	*	*	*	*	*	*	13	5	12	**13**	10	7	**10**	6	**11**	8
07:00	*	*	*	*	*	*	3	4	2	4	6	6	3	8	4	6
08:00	*	*	*	*	*	*	5	2	5	5	5	0	6	3	5	2
09:00	*	*	*	*	*	*	9	2	8	3	4	5	1	0	6	2
10:00	*	*	*	*	*	*	7	2	3	2	4	5	3	2	4	3
11:00	*	*	*	*	**1**	**1**	3	1	2	1	2	0	1	1	2	1
Lane	0	0	0	0	1	1	116	112	70	69	99	95	81	79	91	88
Day	0		0		2		228		139		194		160		179	
AM Peak	-	-	-	-	-	-	09:00	09:00	07:00	08:00	11:00	09:00	09:00	11:00	09:00	08:00
Vol.	-	-	-	-	-	-	8	13	5	9	7	8	4	6	4	7
PM Peak	-	-	-	-	23:00	23:00	16:00	17:00	17:00	18:00	17:00	14:00	18:00	12:00	18:00	15:00
Vol.	-	-	-	-	1	1	15	13	14	13	12	10	10	8	11	8

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Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

Start	19-Feb-24		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
Time	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	3	0	2	0	2	0	4	0	0	0	**1**	**1**	*	*	2	0
01:00	0	0	0	0	1	0	1	0	0	0	1	0	*	*	0	0
02:00	1	0	0	0	0	0	1	0	0	0	1	0	*	*	0	0
03:00	0	0	1	0	2	0	0	0	2	0	0	0	*	*	1	0
04:00	1	0	1	0	1	0	0	0	1	0	1	0	*	*	1	0
05:00	0	0	0	0	0	0	2	0	0	1	1	0	*	*	0	0
06:00	1	3	0	3	1	4	1	4	1	4	0	0	*	*	1	3
07:00	4	1	4	2	3	4	2	2	3	5	0	1	*	*	3	2
08:00	**7**	**8**	3	7	5	**10**	4	6	1	3	0	0	*	*	3	6
09:00	3	8	6	8	5	9	9	**11**	3	5	0	0	*	*	4	**7**
10:00	1	3	4	8	2	4	**10**	8	4	7	*	*	*	*	4	6
11:00	4	2	**10**	**9**	**8**	9	10	6	**5**	**8**	*	*	*	*	**7**	7
12:00 PM	6	**11**	4	4	11	10	7	8	4	8	*	*	*	*	6	**8**
01:00	4	8	11	8	9	4	7	7	11	6	*	*	*	*	8	7
02:00	6	4	11	**13**	3	8	7	**10**	9	5	*	*	*	*	7	8
03:00	5	4	4	7	11	**11**	4	7	9	9	*	*	*	*	7	8
04:00	6	6	11	9	10	4	8	7	6	5	*	*	*	*	8	6
05:00	8	5	**19**	7	12	5	**12**	5	13	**11**	*	*	*	*	**13**	7
06:00	5	8	10	6	**13**	5	11	6	**16**	10	*	*	*	*	11	7
07:00	2	5	7	6	3	5	5	5	4	7	*	*	*	*	4	6
08:00	**9**	5	8	3	7	5	5	7	5	2	*	*	*	*	7	4
09:00	3	1	5	2	4	3	6	2	10	4	*	*	*	*	6	2
10:00	5	2	4	1	5	3	3	1	7	1	*	*	*	*	5	2
11:00	1	0	4	1	2	0	2	0	1	0	*	*	*	*	2	0
Lane	85	84	129	104	120	103	121	102	115	101	5	2	0	0	110	96
Day	169		233		223		223		216		7		0		206	
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	10:00	09:00	11:00	11:00	00:00	00:00	-	-	11:00	09:00
Vol.	7	8	10	9	8	10	10	11	5	8	1	1	-	-	7	7
PM Peak	20:00	12:00	17:00	14:00	18:00	15:00	17:00	14:00	18:00	17:00	-	-	-	-	17:00	12:00
Vol.	9	11	19	13	13	11	12	10	16	11	-	-	-	-	13	8

Comb. Total	169	233	225	451	355	201	160	385
ADT	ADT 195	AADT 195						

DRAFT

Tri-State Traffic Data Inc
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Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/14/24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

DRAFT

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Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/15/2																
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3
08:00	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
09:00	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	8
10:00	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11:00	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12 PM	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	7
13:00	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6
14:00	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	6
15:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
16:00	5	8	2	0	0	0	0	0	0	0	0	0	0	0	0	15
17:00	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	9
18:00	3	9	1	0	0	0	0	0	0	0	0	0	0	0	0	13
19:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
20:00	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21:00	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	9
22:00	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7
23:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	50	53	12	1	0	0	0	0	0	0	0	0	0	0	0	116

DRAFT

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Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/16/2																
4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
08:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	6
16:00	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
17:00	5	7	2	0	0	0	0	0	0	0	0	0	0	0	0	14
18:00	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	12
19:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
20:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21:00	2	1	4	1	0	0	0	0	0	0	0	0	0	0	0	8
22:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
23:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	32	27	10	1	0	0	0	0	0	0	0	0	0	0	0	70

DRAFT

Tri-State Traffic Data Inc
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Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/17/2																
4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
10:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
11:00	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	7
12 PM	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
13:00	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5
14:00	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	8
15:00	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16:00	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	7
17:00	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	12
18:00	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	10
19:00	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	6
20:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
21:00	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
22:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	39	39	21	0	0	0	0	0	0	0	0	0	0	0	0	99

DRAFT

Tri-State Traffic Data Inc
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Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/18/2																
4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4
10:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
11:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12 PM	4	3	0	1	0	0	0	0	0	0	0	0	0	0	0	8
13:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
14:00	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	6
15:00	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	9
16:00	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	7
17:00	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18:00	5	2	3	0	0	0	0	0	0	0	0	0	0	0	0	10
19:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
20:00	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	45	25	9	2	0	0	0	0	0	0	0	0	0	0	0	81

DRAFT

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Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/19/2																
4	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
08:00	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	7
09:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
10:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:00	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	4
12 PM	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6
13:00	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	4
14:00	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6
15:00	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
16:00	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
17:00	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	8
18:00	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
20:00	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	9
21:00	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
22:00	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	31	38	15	1	0	0	0	0	0	0	0	0	0	0	0	85

DRAFT

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Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/20/2																
4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	4
08:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
09:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
10:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
11:00	4	1	5	0	0	0	0	0	0	0	0	0	0	0	0	10
12 PM	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	4
13:00	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	11
14:00	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	11
15:00	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	4
16:00	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	11
17:00	5	8	6	0	0	0	0	0	0	0	0	0	0	0	0	19
18:00	5	2	2	1	0	0	0	0	0	0	0	0	0	0	0	10
19:00	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	7
20:00	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	8
21:00	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5
22:00	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
23:00	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	57	46	25	1	0	0	0	0	0	0	0	0	0	0	0	129

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/21/2																
4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
08:00	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
09:00	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11:00	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	8
12 PM	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	11
13:00	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0	9
14:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
15:00	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	11
16:00	1	7	2	0	0	0	0	0	0	0	0	0	0	0	0	10
17:00	5	3	4	0	0	0	0	0	0	0	0	0	0	0	0	12
18:00	7	3	3	0	0	0	0	0	0	0	0	0	0	0	0	13
19:00	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
20:00	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	7
21:00	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
22:00	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	38	52	30	0	0	0	0	0	0	0	0	0	0	0	0	120

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/22/2																
4	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
09:00	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	9
10:00	4	2	4	0	0	0	0	0	0	0	0	0	0	0	0	10
11:00	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	10
12 PM	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	7
13:00	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	7
14:00	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	7
15:00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4
16:00	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	8
17:00	7	2	3	0	0	0	0	0	0	0	0	0	0	0	0	12
18:00	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	11
19:00	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	5
20:00	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	5
21:00	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	6
22:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
23:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	52	49	18	2	0	0	0	0	0	0	0	0	0	0	0	121

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/23/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3
08:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
10:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
11:00	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	5
12 PM	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
13:00	3	7	1	0	0	0	0	0	0	0	0	0	0	0	0	11
14:00	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	9
15:00	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	9
16:00	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
17:00	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0	13
18:00	7	8	0	1	0	0	0	0	0	0	0	0	0	0	0	16
19:00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4
20:00	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5
21:00	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	10
22:00	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	7
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	40	58	15	2	0	0	0	0	0	0	0	0	0	0	0	115

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

NB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/24/2																
4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5
Grand Total	385	390	157	10	0	0	0	0	0	0	0	0	0	0	0	942

Stats

15th Percentile :	7 MPH
50th Percentile :	21 MPH
85th Percentile :	25 MPH
95th Percentile :	28 MPH
Mean Speed(Average) :	19 MPH
10 MPH Pace Speed :	21-30 MPH
Number in Pace :	547
Percent in Pace :	58.1%
Number of Vehicles > 30 MPH :	10
Percent of Vehicles > 30 MPH :	1.1%

DRAFT

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Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/14/24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

DRAFT

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Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/15/2																
4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
07:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
08:00	0	9	2	0	0	0	0	0	0	0	0	0	0	0	0	11
09:00	2	8	3	0	0	0	0	0	0	0	0	0	0	0	0	13
10:00	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	9
11:00	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
12 PM	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	8
13:00	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	4
14:00	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	5
15:00	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	11
16:00	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	8
17:00	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	13
18:00	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
19:00	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4
20:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	31	59	22	0	0	0	0	0	0	0	0	0	0	0	0	112

DRAFT

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Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start	1	21	26	31	36	41	46	51	56	61	66	71	76	81	86	
Time	20	25	30	35	40	45	50	55	60	65	70	75	80	85	9999	Total
02/16/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
08:00	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	9
09:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PM	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15:00	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5
16:00	3	7	1	0	0	0	0	0	0	0	0	0	0	0	0	11
17:00	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18:00	5	7	1	0	0	0	0	0	0	0	0	0	0	0	0	13
19:00	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4
20:00	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	26	36	7	0	0	0	0	0	0	0	0	0	0	0	0	69

DRAFT

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Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/17/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
09:00	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	8
10:00	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	7
11:00	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0	7
12 PM	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
13:00	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	7
14:00	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	10
15:00	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	9
16:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
17:00	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	9
18:00	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	7
19:00	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	6
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5
22:00	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	26	52	17	0	0	0	0	0	0	0	0	0	0	0	0	95

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/18/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
09:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
10:00	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
11:00	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	6
12 PM	4	1	3	0	0	0	0	0	0	0	0	0	0	0	0	8
13:00	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	8
14:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
15:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
16:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
17:00	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	6
18:00	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
19:00	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	8
20:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	23	36	19	1	0	0	0	0	0	0	0	0	0	0	0	79

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/19/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
07:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	8
09:00	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	8
10:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
11:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12 PM	4	3	4	0	0	0	0	0	0	0	0	0	0	0	0	11
13:00	1	2	5	0	0	0	0	0	0	0	0	0	0	0	0	8
14:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
15:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
16:00	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6
17:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
18:00	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	8
19:00	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5
20:00	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	26	35	23	0	0	0	0	0	0	0	0	0	0	0	0	84

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/20/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
07:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	7
09:00	1	5	2	0	0	0	0	0	0	0	0	0	0	0	0	8
10:00	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	8
11:00	1	5	3	0	0	0	0	0	0	0	0	0	0	0	0	9
12 PM	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4
13:00	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	8
14:00	3	6	4	0	0	0	0	0	0	0	0	0	0	0	0	13
15:00	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	7
16:00	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	9
17:00	2	4	0	1	0	0	0	0	0	0	0	0	0	0	0	7
18:00	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6
19:00	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	27	56	20	1	0	0	0	0	0	0	0	0	0	0	0	104

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/21/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	4
07:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
08:00	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	10
09:00	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	9
10:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4
11:00	1	6	2	0	0	0	0	0	0	0	0	0	0	0	0	9
12 PM	2	5	3	0	0	0	0	0	0	0	0	0	0	0	0	10
13:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4
14:00	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	8
15:00	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	11
16:00	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	4
17:00	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5
18:00	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	5
19:00	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	5
20:00	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
22:00	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	29	46	27	1	0	0	0	0	0	0	0	0	0	0	0	103

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/22/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	4
07:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	6
09:00	2	5	4	0	0	0	0	0	0	0	0	0	0	0	0	11
10:00	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	8
11:00	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6
12 PM	1	5	2	0	0	0	0	0	0	0	0	0	0	0	0	8
13:00	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	7
14:00	1	6	3	0	0	0	0	0	0	0	0	0	0	0	0	10
15:00	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	7
16:00	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	7
17:00	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
18:00	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	6
19:00	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20:00	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	7
21:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	27	47	28	0	0	0	0	0	0	0	0	0	0	0	0	102

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

SB

Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/23/2																
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4
07:00	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	5
08:00	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
09:00	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5
10:00	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	7
11:00	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	8
12 PM	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	8
13:00	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
14:00	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15:00	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	9
16:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5
17:00	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	11
18:00	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	10
19:00	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	7
20:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21:00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	31	53	16	1	0	0	0	0	0	0	0	0	0	0	0	101

DRAFT

Tri-State Traffic Data Inc
TSTData.com
Serving Transportation Professionals since 1995

Location: Rotterdam, New York
Road Name: Sherman Rd
Segment: 130' N of Highbridge Rd
Date: 02/14/2024

GPS: 42.771519, -73.924612

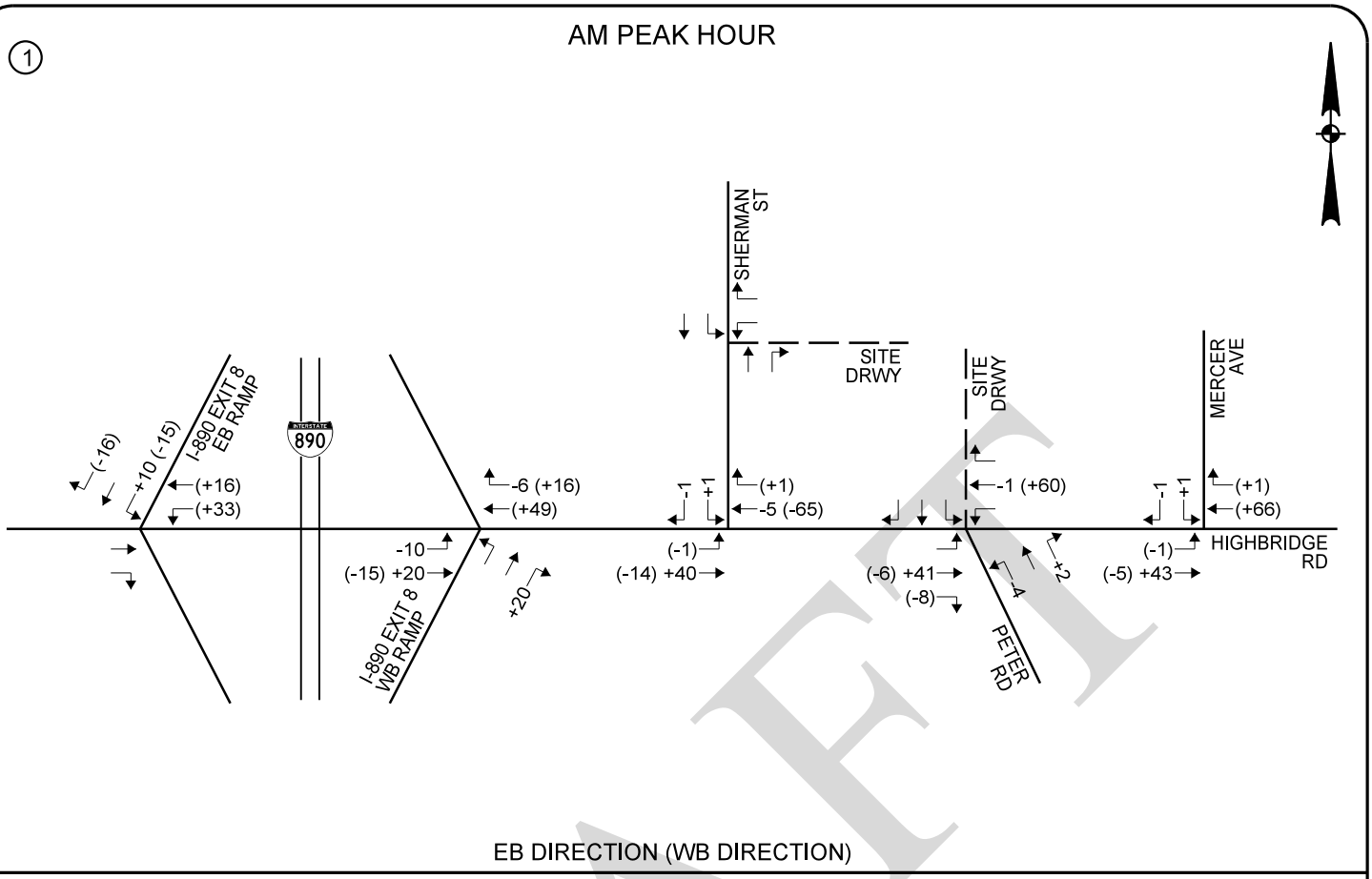
SB

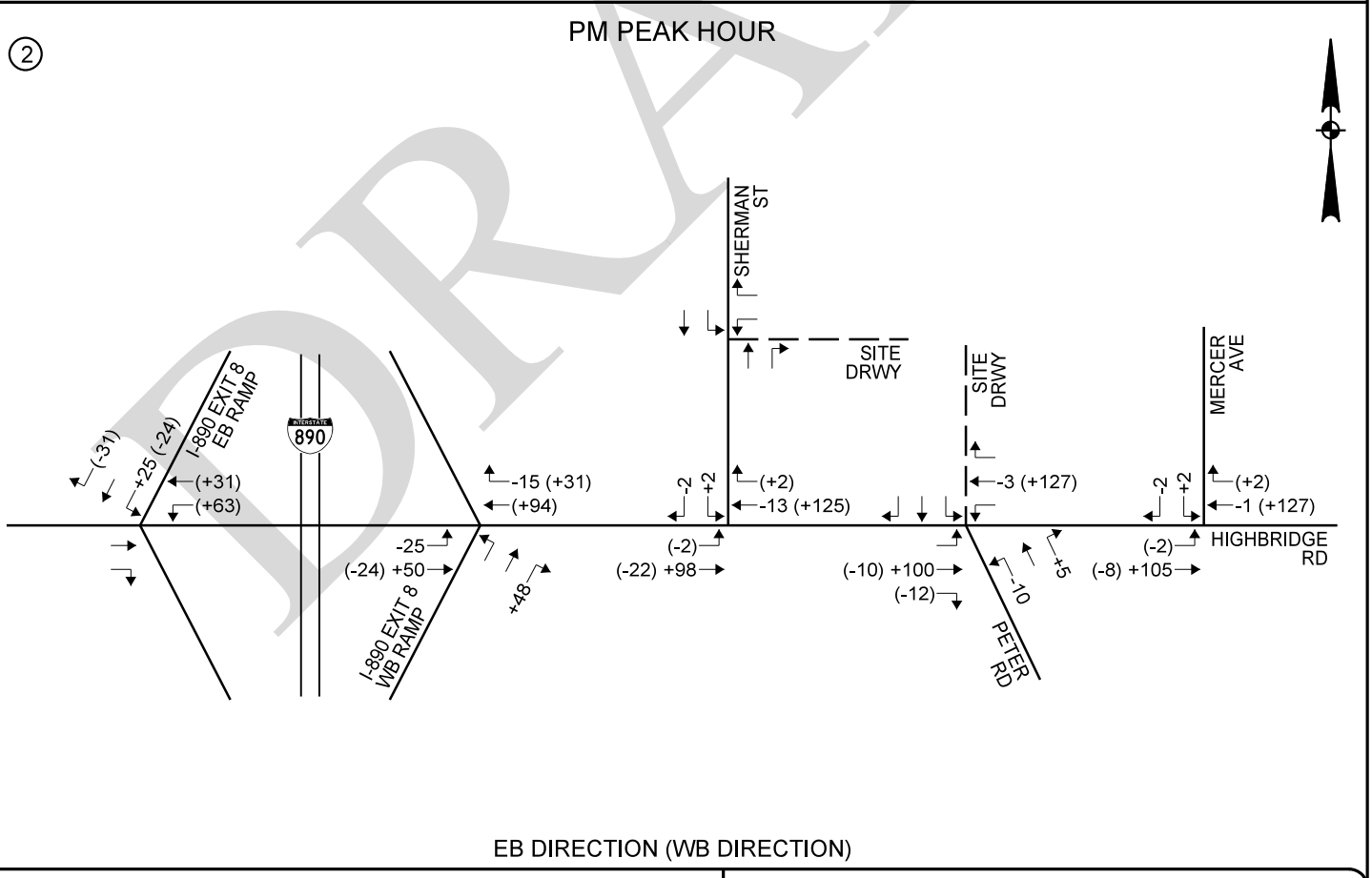
Start Time	1 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 9999	Total
02/24/24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
Grand Total	246	421	180	5	0	0	0	0	0	0	0	0	0	0	0	852

Stats

15th Percentile :	10 MPH
50th Percentile :	22 MPH
85th Percentile :	26 MPH
95th Percentile :	28 MPH
Mean Speed(Average) :	21 MPH
10 MPH Pace Speed :	21-30 MPH
Number in Pace :	601
Percent in Pace :	70.5%
Number of Vehicles > 30 MPH :	5
Percent of Vehicles > 30 MPH :	0.6%

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KINGS ROAD CLOSURE
VOLUME REDISTRIBUTION

STEWARTS SHOP
TOWN OF ROTTERDAM, NEW YORK

Creighton Manning

PROJECT:	124-017	DATE:	03/2024	FIGURE:	B-1

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N:\Projects\2024\0124-017 Stewarts - Stewarts Rotterdam\Working\CADD\dgn\figures\0124-017_fig_traf_01.dgn

Attachment C
Crash Summary

Stewart's Shop
Town of Rotterdam, New York

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STUDY NO. 124-017 P.I.N. INVENTORY NO.	Highbridge Road - I890 Exit 8 WB Intersection to Mercer Avenue Intersection Town of Rotterdam	COUNTY: Schenectady MUNICIPALITY:Rotterdam BY: MDN DATE: 02/29/2024

NO. OF MONTHS 36 Begin Date 8/31/2020 End Date 9/1/2023	LIGHT CONDITIONS (LC) 1. Daylight 2. Dawn 3. Dusk 4. Dark Road Lighted 5. Dark Road Unlighted	ROADWAY CHARACTER (RC) 1. Straight & Level 2. Straight & Grade 3. Straight at Hillcrest 4. Curve & Level 5. Curve & Grade 6. Curve at Hillcrest	ROADWAY SURFACE CONDITION (RSC) 1. Dry 2. Wet 3. Muddy 4. Snow/Ice 5. Slush 10. Other	WEATHER (WEA) 1. Clear 2. Cloudy 3. Rain 4. Snow 5. Sleet/Hail/Freezing Rain 6. Fog/Smog/Smoke 10. Other

No.	Int.	Case Num.	Date	Time	# of Veh.	Crash Severity	Light Condition	Roadway Characteristic	Road Surface Condition	Weather Condition	Crash Type	Collision Type	Apparent Factor	Description
1	890 W	38806310	4/7/2021	5:44 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AND LEVEL	DRY	CLEAR	COLLISION WITH MOTOR VEHICLE	REAR END	V1:(FOLLOWING TOO CLOSELY,DRIVER INATTENTION) / V2:(NOT APPLICABLE)	D1, operating VI did not see D2, operating V2, stopped at the stoplight, causing her to strike V2.
2	890 W	39167587	12/24/2021	5:07 PM	2	INJURY	DARK-ROAD LIGHTED	STRAIGHT AND LEVEL	WET	CLOUDY	COLLISION WITH MOTOR VEHICLE	LEFT TURN (AGAINST OTHER CAR)	V1:(FAILURE TO YIELD RIGHT OF WAY) / V2:(NOT APPLICABLE)	V2 was traveling straight, in a northerly direction on Highbridge Road. V1 operated by DI was traveling straight, in a southernly direction on Highbridge Road approaching the intersection with the I-890 eastbound on ramp. At said intersection both parties agreed the light was solid green in color. V1 attempted to make a left to travel eastbound on the I-890 eastbound on ramp when he failed to yield the right of way to V2 and subsequently caused a collision with V2 while attempting the left turn. DI accuses V2 of traveling at an unreasonable fast speed. D2 accuses V1 of not having a directional on while turning left.
3	890 W	39432859	7/20/2022	3:59 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT/ GRADE	DRY	CLEAR	COLLISION WITH MOTOR VEHICLE	BACKING	V1:(ALCOHOL INVOLVEMENT,BACKING UNSAFELY) / V2:(NOT APPLICABLE)	
4	890 W	39632056	12/11/2022	1:15 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AND LEVEL	SNOW/ICE	SNOW	COLLISION WITH MOTOR VEHICLE	HEAD ON	V1:(PAVEMENT SLIPPERY) / V2:(NOT APPLICABLE)	While VI was approaching the traffic light at the intersection of I890 and Highbridge Rd, due to the weather conditions and slippery pavement, VI was unable to stop her vehicle and struck V2 on the front driver side. Both VI and V2 displayed minor damage to the front driver side. No injuries were reported and V2 decided to contact a private tow.
5	890 W	39781794	4/5/2023	6:54 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AND LEVEL	DRY	CLEAR	COLLISION WITH MOTOR VEHICLE	RIGHT ANGLE	V1:(TRAFFIC CONTROL DISREGARDED) / V2:(UNKNOWN,UNKNOWN)	On the above date, time and location, VI was operating Nortbound on Highbridge Road. V2 was getting off of the Eastbound I890 Highbridge road Exit. Operator of V I told me that he had a green light and was heading towards East Campbell Road. Operator and passenger of V2 told me that V1 ran the red light and he had the green light when he was attempting to take a left turn onto Highbridge road. It was undetermined who was at fault due to no witnesses or cameras in the area. Both vehicles were towed by Interstate towing.
1	890 E	38587468	10/9/2020	1:43 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT/ GRADE	DRY	CLEAR	COLLISION WITH MOTOR VEHICLE	RIGHT ANGLE	V1:(DRIVER INATTENTION,TRAFFIC CONTROL DEVICES DISREGARDED) / V2:(UNKNOWN)	D1, operating V1 was stopped on Highbridge Rd facing West. D2, operating V2 was stopped on the exit ramp from 890, facing North. WI, a flagger directing traffic, indicated for V2 to move. DI misinterpreted the motion, and thought she was to move. DI then pulled forward, striking V2. V2 then left the scene.
2	890 E	39260614	3/4/2022	4:21 PM	2	INJURY	DAYLIGHT	STRAIGHT AND LEVEL	DRY	CLOUDY	COLLISION WITH MOTOR VEHICLE	RIGHT ANGLE	V1:(TRAFFIC CONTROL DEVICES DISREGARDED) / V2:(NOT APPLICABLE)	V1 operated by D1 was traveling north on High Bridge Road. V2 operated by D2 was traveling in a westerly direction on the I-890 westbound Exit 8 off ramp. As V2 was approaching an intersection with High Bridge Road, she had a green light and attempted to make a left to travel southbound on High Bridge Road when VI disregarded the red light on High Bridge Road intersecting with the off ramp and struck V2
3	890 E	39306670	4/7/2022	8:36 AM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AT HILLCREST	WET	RAIN	COLLISION WITH MOTOR VEHICLE	RIGHT ANGLE	V1:(FAILURE TO YIELD RIGHT OF WAY) / V2:(NOT APPLICABLE)	D2 operating V2 was taking a left off on the I890 ramp onto Highbridge Rd. stating his light just turned green, when he was struck by DI operating V1. No injuries reported and no vehicles towed
4	890 E	39417958	7/5/2022	12:30 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AND LEVEL	DRY	CLOUDY	COLLISION WITH MOTOR VEHICLE	OVERTAKING	V1:(FAILURE TO YIELD RIGHT OF WAY,TURNING IMPROPER) / V2:(NOT APPLICABLE)	Driver of V-1 attempted to make a U turn without yielding for the other vehicles on the roadway. V-1 pulled to the side of the roadway prior to making his U turn which made the driver of V-2 believe he was just pulling over to the side of the roadway. Driver of V-2 stated she started to go around V-1 and this is when he turned into the side of her vehicle
5	890 E	39652050	12/23/2022	9:14 AM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT/ GRADE	WET	CLOUDY	COLLISION WITH MOTOR VEHICLE	REAR END	V1:(FOLLOWING TOO CLOSELY) / V2:(NOT APPLICABLE)	D2 operating V2 was stopped at the light on the I890 off ramp when she was struck from behind by D1 operating V1. No injuries reported and no vehicles were towed
6	890 E	39704181	2/1/2023	12:25 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AND LEVEL	DRY	CLEAR	COLLISION WITH MOTOR VEHICLE	SIDESWIPE	V1:(FAILURE TO KEEP RIGHT, TURNING IMPROPER) / V2:(NOT APPLICABLE)	VI stated that she was operating on Highbridge Rd. VI stated that she was following her GPS and believed that it was telling her to take a left onto a ramp to I890. VI started to make a left turn in front of V2, but realized that the ramp was a one way off ramp. VI corrected her turn and started to pass V2. VI lost control of her vehicle, crossed the double yellow traffic lines and struck V2. VI incurred damage to the front driver side corner of the vehicle. V2, CDTA Bus, stated that he was stopped in traffic waiting to make a left turn onto the I890 West on ramp. V2 stated that V1 attempted to make a left turn in front of him, however she corrected her turn
7	890 E	39724313	2/19/2023	4:10 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT/ GRADE	DRY	CLOUDY	COLLISION WITH MOTOR VEHICLE	LEFT TURN (AGAINST OTHER CAR)	V1:(FAILURE TO YIELD RIGHT OF WAY, TURNING IMPROPER) / V2:(NOT APPLICABLE)	OPER OF VEH 1 WAS STOPPED AT THE RED LIGHT ON HIGHBRIDGE RD TO TAKE A LEFT ONTO I890W. OPER OF VEH 2 WAS EXITING I890 W AND WAS TAKING A LEFT ONTO HIGHBRIDGE RD. OPER OF VEH 2 MISJUDGED THE TURN AND STRUCK VEH 1.
8	890 E	39840923	5/23/2023	3:43 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AND LEVEL	DRY	CLOUDY	COLLISION WITH MOTOR VEHICLE	RIGHT ANGLE	V1:(TRAFFIC CONTROL DEVICES DISREGARDED,DRIVER INATTENTION) / V2:(NOT APPLICABLE)	D2, operating V2 was driving North on Highbridge Rd. DI, operating V1 was traveling West. DI failed to stop for a steady red signal while taking a left, directly in front of V2, causing a collision.
9	890 E	39868969	6/12/2023	2:44 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AT HILLCREST	DRY	CLEAR	COLLISION WITH MOTOR VEHICLE	REAR END	V1:(FOLLOWING TOO CLOSELY) / V2:(NOT APPLICABLE)	While V2 was operating westbound on the 890 off ramp waiting for the red traffic signal VI was operating westbound on the 890 off ramp and was unable to adequately stop causing VI to collide into the back of V2. V1 then drove around V2 and was last seen operating southbound on Highbridge Rd. V2 sustained minor denting on the rear bumper of the vehicle. VI fled the scene, through an investigation patrol was able to determine the vehicle involved in the accident
1	Sherman	38790488	3/23/2021	6:33 PM	1	INJURY	DAYLIGHT	STRAIGHT/ GRADE	DRY	CLEAR	COLLISION WITH GUIDERAIL - END	FIXED OBJECT	V1:(ILLNESS,UNSAFE SPEED)	D1, operating V1 left the roadway and struck the guard rail at the corner of Highbridge Rd and Sherman St. This caused her to become airborn, leaving the roadway, and finally coming to a rest after striking a tree.
1	Peter	38836316	4/30/2021	11:39 PM	2	INJURY	DARK-ROAD LIGHTED	STRAIGHT AND LEVEL	DRY	CLEAR	COLLISION WITH MOTOR VEHICLE	REAR END	V1:(FOLLOWING TOO CLOSELY) / V2:(NOT APPLICABLE)	V2 was traveling in a Westerly direction on Highbridge Rd when an animal was crossing the road, when V2 slowed down to let the animal pass V1 struck the back of V2 causing damage to the back of V2 and the front of VI.
1	Mercer	39820821	5/6/2023	2:26 PM	2	PROPERTY DAMAGE	DAYLIGHT	STRAIGHT AND LEVEL	DRY	CLEAR	COLLISION WITH MOTOR VEHICLE	RIGHT ANGLE	V1:(FAILURE TO YIELD RIGHT OF WAY) / V2:(NOT APPLICABLE)	V1 was traveling south on Mercer Ave. V1 failed to yield at the stop sign with Highbridge Road and struck V2 which was traveling west on Highbridge Road. Operator of V1 stated that he left the scene because operator of V2 became aggressive. V2 pursued VI.

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Attachment D
Level of Service Summary

Stewart's Shop
Town of Rotterdam, New York

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LOS Definitions

The following is an excerpt from the Highway Capacity Manual, 6th Edition (HCM).

Level of Service for Signalized Intersections

Level of Service (LOS) can be characterized for the entire intersection, each intersection approach, and each lane group. Control delay alone is used to characterize LOS for the entire intersection or an approach. Control delay *and* volume-to-capacity (v/c) ratio are used to characterize LOS for a lane group. Delay quantifies the increase in travel time due to traffic signal control. It is also a surrogate measure of driver discomfort and fuel consumption. The v/c ratio quantifies the degree to which a phase's capacity is utilized by a lane group. The following paragraphs describe each LOS.

LOS A describes operations with a control delay of 10 s/veh or less and a v/c ratio no greater than 1.0. This level is typically assigned when the v/c ratio is low and either progression is exceptionally favorable or the cycle length is very short. If it is due to favorable progression, most vehicles arrive during the green indication and travel through the intersection without stopping.

LOS B describes operations with control delay between 10 and 20 s/veh and a v/c ratio no greater than 1.0. This level is typically assigned when the v/c ratio is low and either progression is highly favorable or the cycle length is short. More vehicles stop than with LOS A.

LOS C describes operations with control delay between 20 and 35 s/veh and a v/c ratio no greater than 1.0. This level is typically assigned when progression is favorable or the cycle length is moderate. Individual *cycle failures* (i.e., one or more queued vehicles are not able to depart as a result of insufficient capacity during the cycle) may begin to appear at this level. The number of vehicles stopping is significant, although many vehicles still pass through the intersection without stopping.

LOS D describes operations with control delay between 35 and 55 s/veh and a v/c ratio no greater than 1.0. This level is typically assigned when the v/c ratio is high and either progression is ineffective or the cycle length is long. Many vehicles stop and individual cycle failures are noticeable.

LOS E describes operations with control delay between 55 and 80 s/veh and a v/c ratio no greater than 1.0. This level is typically assigned when the v/c ratio is high, progression is unfavorable, and the cycle length is long. Individual cycle failures are frequent.

LOS F describes operations with control delay exceeding 80 s/veh or a v/c ratio greater than 1.0. This level is typically assigned when the v/c ratio is very high, progression is very poor, and the cycle length is long. Most cycles fail to clear the queue.

A lane group can incur a delay less than 80 s/veh when the v/c ratio exceeds 1.0. This condition typically occurs when the cycle length is short, the signal progression is favorable, or both. As a result, both the delay and v/c ratio are considered when lane group LOS is established. A ratio of 1.0 or more indicates that cycle capacity is fully utilized and represents failure from a capacity perspective (just as delay in excess of 80 s/veh represents failure from a delay perspective).

Average control delay and queue length at roundabout controlled intersections are calculated using SIDRA Intersection. The physical geometry such as entry lane width and approach flare, and traffic volume at the roundabout are factors that influence the intersection's performance. The average delay reported using SIDRA Intersection is based on the signalized HCM Method of Delay for Level-of-Service.

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Level of Service Criteria for Unsignalized Intersections

Level of service (LOS) for Two-Way Stop-Controlled (TWSC) intersections is determined by the computed or measured control delay. For motor vehicles, LOS is determined for each minor-street movement (or shared movement) as well as major-street left turns by using criteria given in Exhibit 20-2. LOS is not defined for the intersection as a whole or for major-street approaches for three primary reasons: (a) major-street through vehicles are assumed to experience zero delay; (b) the disproportionate number of major-street through vehicles at a typical TWSC intersection skews the weighted average of all movements, resulting in a very low overall average delay for all vehicles; and (c) the resulting low delay can mask important LOS deficiencies for minor movements. LOS F is assigned to the movement if the volume-to-capacity (v/c) ratio for the movement exceeds 1.0, regardless of the control delay.

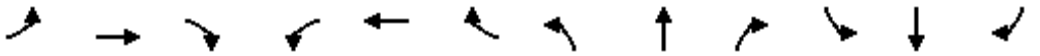
The LOS criteria for TWSC intersections are somewhat different from the criteria used in Chapter 18 for signalized intersections, primarily because user perceptions differ among transportation facility types. The expectation is that a signalized intersection is designed to carry higher traffic volumes and will present greater delay than an unsignalized intersection. Unsignalized intersections are also associated with more uncertainty for users, as delays are less predictable than they are at signals, which can reduce users' delay tolerance.

The LOS criteria for All-Way Stop-Controlled (AWSC) intersections are given in Exhibit 21-8. LOS F is assigned if the v/c ratio of a lane exceeds 1.0, regardless of the control delay. For assessment of LOS at the approach and intersection levels, LOS is based solely on control delay.

Exhibits 20-2/21-8:
Level-of-Service Criteria for Stop Controlled Intersections

Control Delay (s/veh)	LOS by Volume-to-Capacity Ratio	
	v/c ≤ 1.0	v/c ≥ 1.0
10.0	A	F
>10.0 and ≤ 15.0	B	F
>15.0 and ≤ 25.0	C	F
>25.0 and ≤ 35.0	D	F
>35.0 and ≤ 50.0	E	F
>50.0	F	F

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	234	113	117	177	0	0	0	0	169	4	130
Future Volume (vph)	0	234	113	117	177	0	0	0	0	169	4	130
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		6.0		5.0	6.0					5.0	5.0	
Lane Util. Factor		1.00		1.00	1.00					1.00	1.00	
Frpb, ped/bikes		0.99		1.00	1.00					1.00	1.00	
Flpb, ped/bikes		1.00		1.00	1.00					1.00	1.00	
Frt		0.96		1.00	1.00					1.00	0.85	
Flt Protected		1.00		0.95	1.00					0.95	1.00	
Satd. Flow (prot)		1729		1570	1863					1736	1593	
Flt Permitted		1.00		0.43	1.00					0.95	1.00	
Satd. Flow (perm)		1729		711	1863					1736	1593	
Peak-hour factor, PHF	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Adj. Flow (vph)	0	275	133	138	208	0	0	0	0	199	5	153
RTOR Reduction (vph)	0	17	0	0	0	0	0	0	0	0	120	0
Lane Group Flow (vph)	0	391	0	138	208	0	0	0	0	199	38	0
Confl. Bikes (#/hr)			1									
Heavy Vehicles (%)	0%	5%	3%	15%	2%	0%	0%	0%	0%	4%	0%	2%
Turn Type		NA		pm+pt	NA					Split	NA	
Protected Phases		1		2	5					3	3	
Permitted Phases				5								
Actuated Green, G (s)		23.5		27.1	21.8					12.3	12.3	
Effective Green, g (s)		23.5		27.1	21.8					12.3	12.3	
Actuated g/C Ratio		0.41		0.47	0.38					0.22	0.22	
Clearance Time (s)		6.0		5.0	6.0					5.0	5.0	
Vehicle Extension (s)		4.0		2.0	4.0					2.0	2.0	
Lane Grp Cap (vph)		711		417	711					373	343	
v/s Ratio Prot		c0.23		c0.03	0.11					c0.11	0.02	
v/s Ratio Perm				0.13								
v/c Ratio		0.55		0.33	0.29					0.53	0.11	
Uniform Delay, d1		12.8		11.9	12.3					19.9	18.0	
Progression Factor		1.00		0.26	0.51					1.00	1.00	
Incremental Delay, d2		1.1		0.2	0.3					0.7	0.1	
Delay (s)		13.9		3.3	6.6					20.6	18.1	
Level of Service		B		A	A					C	B	
Approach Delay (s)		13.9			5.3			0.0			19.5	
Approach LOS		B			A			A			B	

Intersection Summary					
HCM 2000 Control Delay	13.0	HCM 2000 Level of Service	B		
HCM 2000 Volume to Capacity ratio	0.52				
Actuated Cycle Length (s)	57.1	Sum of lost time (s)	16.0		
Intersection Capacity Utilization	48.4%	ICU Level of Service	A		
Analysis Period (min)	15				

c Critical Lane Group

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	139	264	0	0	237	142	57	0	116	0	0	0
Future Volume (vph)	139	264	0	0	237	142	57	0	116	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	6.0			6.0	6.0	5.0	5.0				
Lane Util. Factor	1.00	1.00			1.00	1.00	1.00	1.00				
Frt	1.00	1.00			1.00	0.85	1.00	0.85				
Flt Protected	0.95	1.00			1.00	1.00	0.95	1.00				
Satd. Flow (prot)	1787	1776			1759	1568	1736	1495				
Flt Permitted	0.60	1.00			1.00	1.00	0.95	1.00				
Satd. Flow (perm)	1128	1776			1759	1568	1736	1495				
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	151	287	0	0	258	154	62	0	126	0	0	0
RTOR Reduction (vph)	0	0	0	0	0	95	0	99	0	0	0	0
Lane Group Flow (vph)	151	287	0	0	258	59	62	27	0	0	0	0
Heavy Vehicles (%)	1%	7%	0%	0%	8%	3%	4%	0%	8%	0%	0%	0%
Turn Type	pm+pt	NA			NA	Perm	Split	NA				
Protected Phases	6	1			5		7	7				
Permitted Phases	1					5						
Actuated Green, G (s)	30.5	23.5			21.8	21.8	12.3	12.3				
Effective Green, g (s)	30.5	23.5			21.8	21.8	12.3	12.3				
Actuated g/C Ratio	0.53	0.41			0.38	0.38	0.22	0.22				
Clearance Time (s)	5.0	6.0			6.0	6.0	5.0	5.0				
Vehicle Extension (s)	2.0	4.0			4.0	4.0	2.0	2.0				
Lane Grp Cap (vph)	683	730			671	598	373	322				
v/s Ratio Prot	c0.03	c0.16			0.15		c0.04	0.02				
v/s Ratio Perm	0.09					0.04						
v/c Ratio	0.22	0.39			0.38	0.10	0.17	0.08				
Uniform Delay, d1	7.2	11.8			12.8	11.3	18.2	17.9				
Progression Factor	0.07	0.58			1.00	1.00	1.00	1.00				
Incremental Delay, d2	0.1	0.5			0.5	0.1	0.1	0.0				
Delay (s)	0.5	7.3			13.3	11.4	18.3	17.9				
Level of Service	A	A			B	B	B	B				
Approach Delay (s)		5.0			12.6			18.1			0.0	
Approach LOS		A			B			B			A	

Intersection Summary			
HCM 2000 Control Delay	10.4	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.31		
Actuated Cycle Length (s)	57.1	Sum of lost time (s)	16.0
Intersection Capacity Utilization	48.4%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

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Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	5	375	371	3	4	9
Future Vol, veh/h	5	375	371	3	4	9
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	0	10	7	0	33	0
Mvmt Flow	6	436	431	3	5	10

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	434	0	-	0	881	433
Stage 1	-	-	-	-	433	-
Stage 2	-	-	-	-	448	-
Critical Hdwy	4.1	-	-	-	6.73	6.2
Critical Hdwy Stg 1	-	-	-	-	5.73	-
Critical Hdwy Stg 2	-	-	-	-	5.73	-
Follow-up Hdwy	2.2	-	-	-	3.797	3.3
Pot Cap-1 Maneuver	1136	-	-	-	280	627
Stage 1	-	-	-	-	593	-
Stage 2	-	-	-	-	583	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1136	-	-	-	278	627
Mov Cap-2 Maneuver	-	-	-	-	278	-
Stage 1	-	-	-	-	589	-
Stage 2	-	-	-	-	583	-

Approach	EB	WB	SB
HCM Control Delay, s	0.1	0	13.2
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1136	-	-	-	452
HCM Lane V/C Ratio	0.005	-	-	-	0.033
HCM Control Delay (s)	8.2	0	-	-	13.2
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.1

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Intersection	
Int Delay, s/veh	1.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	324	55	5	305	69	4
Future Vol, veh/h	324	55	5	305	69	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	11	5	40	8	1	0
Mvmt Flow	377	64	6	355	80	5

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	441	0	776	409
Stage 1	-	-	-	-	409	-
Stage 2	-	-	-	-	367	-
Critical Hdwy	-	-	4.5	-	6.41	6.2
Critical Hdwy Stg 1	-	-	-	-	5.41	-
Critical Hdwy Stg 2	-	-	-	-	5.41	-
Follow-up Hdwy	-	-	2.56	-	3.509	3.3
Pot Cap-1 Maneuver	-	-	944	-	367	647
Stage 1	-	-	-	-	673	-
Stage 2	-	-	-	-	703	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	944	-	364	647
Mov Cap-2 Maneuver	-	-	-	-	364	-
Stage 1	-	-	-	-	673	-
Stage 2	-	-	-	-	697	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	17.5
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	373	-	-	944	-
HCM Lane V/C Ratio	0.228	-	-	0.006	-
HCM Control Delay (s)	17.5	-	-	8.8	0
HCM Lane LOS	C	-	-	A	A
HCM 95th %tile Q(veh)	0.9	-	-	0	-

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Intersection	
Int Delay, s/veh	0.3

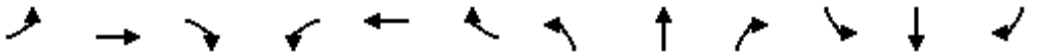
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	5	323	295	3	5	9
Future Vol, veh/h	5	323	295	3	5	9
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	87	87	87	87	87	87
Heavy Vehicles, %	17	11	9	0	0	0
Mvmt Flow	6	371	339	3	6	10

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	342	0	-	0	724	341
Stage 1	-	-	-	-	341	-
Stage 2	-	-	-	-	383	-
Critical Hdwy	4.27	-	-	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	2.353	-	-	-	3.5	3.3
Pot Cap-1 Maneuver	1138	-	-	-	396	706
Stage 1	-	-	-	-	725	-
Stage 2	-	-	-	-	694	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1138	-	-	-	393	706
Mov Cap-2 Maneuver	-	-	-	-	393	-
Stage 1	-	-	-	-	720	-
Stage 2	-	-	-	-	694	-

Approach	EB	WB	SB
HCM Control Delay, s	0.1	0	11.7
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1138	-	-	-	550
HCM Lane V/C Ratio	0.005	-	-	-	0.029
HCM Control Delay (s)	8.2	0	-	-	11.7
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.1

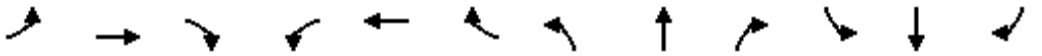
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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	293	80	171	395	0	0	0	0	126	0	56
Future Volume (vph)	0	293	80	171	395	0	0	0	0	126	0	56
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		6.0		5.0	6.0					5.0	5.0	
Lane Util. Factor		1.00		1.00	1.00					1.00	1.00	
Frt		0.97		1.00	1.00					1.00	0.85	
Flt Protected		1.00		0.95	1.00					0.95	1.00	
Satd. Flow (prot)		1812		1805	1900					1703	1599	
Flt Permitted		1.00		0.38	1.00					0.95	1.00	
Satd. Flow (perm)		1812		720	1900					1703	1599	
Peak-hour factor, PHF	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Adj. Flow (vph)	0	357	98	209	482	0	0	0	0	154	0	68
RTOR Reduction (vph)	0	9	0	0	0	0	0	0	0	0	52	0
Lane Group Flow (vph)	0	446	0	209	482	0	0	0	0	154	16	0
Heavy Vehicles (%)	0%	2%	1%	0%	0%	0%	0%	0%	0%	6%	0%	1%
Turn Type		NA		pm+pt	NA					Split	NA	
Protected Phases		1		2	5					3	3	
Permitted Phases				5								
Actuated Green, G (s)		28.1		38.6	30.6					15.7	15.7	
Effective Green, g (s)		28.1		38.6	30.6					15.7	15.7	
Actuated g/C Ratio		0.41		0.57	0.45					0.23	0.23	
Clearance Time (s)		6.0		5.0	6.0					5.0	5.0	
Vehicle Extension (s)		4.0		2.0	4.0					2.0	2.0	
Lane Grp Cap (vph)		750		537	857					394	370	
v/s Ratio Prot		0.25		c0.05	c0.25					c0.09	0.01	
v/s Ratio Perm				0.18								
v/c Ratio		0.59		0.39	0.56					0.39	0.04	
Uniform Delay, d1		15.4		12.7	13.7					22.0	20.2	
Progression Factor		1.00		0.22	0.72					1.00	1.00	
Incremental Delay, d2		1.5		0.2	1.0					0.2	0.0	
Delay (s)		16.9		2.9	10.9					22.2	20.2	
Level of Service		B		A	B					C	C	
Approach Delay (s)		16.9			8.5			0.0			21.6	
Approach LOS		B			A			A			C	

Intersection Summary			
HCM 2000 Control Delay	13.4	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.51		
Actuated Cycle Length (s)	67.8	Sum of lost time (s)	16.0
Intersection Capacity Utilization	51.4%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	130	289	0	0	318	187	248	3	167	0	0	0
Future Volume (vph)	130	289	0	0	318	187	248	3	167	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	6.0			6.0	6.0	5.0	5.0				
Lane Util. Factor	1.00	1.00			1.00	1.00	1.00	1.00				
Frt	1.00	1.00			1.00	0.85	1.00	0.85				
Flt Protected	0.95	1.00			1.00	1.00	0.95	1.00				
Satd. Flow (prot)	1805	1863			1881	1615	1805	1620				
Flt Permitted	0.50	1.00			1.00	1.00	0.95	1.00				
Satd. Flow (perm)	953	1863			1881	1615	1805	1620				
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	140	311	0	0	342	201	267	3	180	0	0	0
RTOR Reduction (vph)	0	0	0	0	0	110	0	138	0	0	0	0
Lane Group Flow (vph)	140	311	0	0	342	91	267	45	0	0	0	0
Heavy Vehicles (%)	0%	2%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
Turn Type	pm+pt	NA			NA	Perm	Split	NA				
Protected Phases	6	1			5		7	7				
Permitted Phases	1					5						
Actuated Green, G (s)	33.6	28.1			30.6	30.6	15.7	15.7				
Effective Green, g (s)	33.6	28.1			30.6	30.6	15.7	15.7				
Actuated g/C Ratio	0.50	0.41			0.45	0.45	0.23	0.23				
Clearance Time (s)	5.0	6.0			6.0	6.0	5.0	5.0				
Vehicle Extension (s)	2.0	4.0			4.0	4.0	2.0	2.0				
Lane Grp Cap (vph)	541	772			848	728	417	375				
v/s Ratio Prot	c0.02	0.17			c0.18		c0.15	0.03				
v/s Ratio Perm	0.11					0.06						
v/c Ratio	0.26	0.40			0.40	0.12	0.64	0.12				
Uniform Delay, d1	11.6	14.0			12.5	10.8	23.5	20.6				
Progression Factor	0.10	0.54			1.00	1.00	1.00	1.00				
Incremental Delay, d2	0.1	0.5			0.4	0.1	2.5	0.1				
Delay (s)	1.2	8.0			12.9	10.9	26.0	20.6				
Level of Service	A	A			B	B	C	C				
Approach Delay (s)		5.9			12.2			23.8			0.0	
Approach LOS		A			B			C			A	

Intersection Summary			
HCM 2000 Control Delay	13.8	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.46		
Actuated Cycle Length (s)	67.8	Sum of lost time (s)	16.0
Intersection Capacity Utilization	51.4%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

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Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	7	449	496	3	4	9
Future Vol, veh/h	7	449	496	3	4	9
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	2	0	0	0	0
Mvmt Flow	8	488	539	3	4	10

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	542	0	-	0	1045	541
Stage 1	-	-	-	-	541	-
Stage 2	-	-	-	-	504	-
Critical Hdwy	4.1	-	-	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	2.2	-	-	-	3.5	3.3
Pot Cap-1 Maneuver	1037	-	-	-	256	545
Stage 1	-	-	-	-	588	-
Stage 2	-	-	-	-	611	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1037	-	-	-	253	545
Mov Cap-2 Maneuver	-	-	-	-	253	-
Stage 1	-	-	-	-	582	-
Stage 2	-	-	-	-	611	-

Approach	EB	WB	SB
HCM Control Delay, s	0.1	0	14.3
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1037	-	-	-	402
HCM Lane V/C Ratio	0.007	-	-	-	0.035
HCM Control Delay (s)	8.5	0	-	-	14.3
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.1

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Intersection	
Int Delay, s/veh	1.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	359	96	1	432	67	8
Future Vol, veh/h	359	96	1	432	67	8
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	1	0	0	0	0
Mvmt Flow	390	104	1	470	73	9

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	494	0	914	442
Stage 1	-	-	-	-	442	-
Stage 2	-	-	-	-	472	-
Critical Hdwy	-	-	4.1	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	-	-	2.2	-	3.5	3.3
Pot Cap-1 Maneuver	-	-	1080	-	306	620
Stage 1	-	-	-	-	652	-
Stage 2	-	-	-	-	632	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1080	-	306	620
Mov Cap-2 Maneuver	-	-	-	-	306	-
Stage 1	-	-	-	-	652	-
Stage 2	-	-	-	-	631	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	19.9
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	323	-	-	1080	-
HCM Lane V/C Ratio	0.252	-	-	0.001	-
HCM Control Delay (s)	19.9	-	-	8.3	0
HCM Lane LOS	C	-	-	A	A
HCM 95th %tile Q(veh)	1	-	-	0	-

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Intersection	
Int Delay, s/veh	0.3

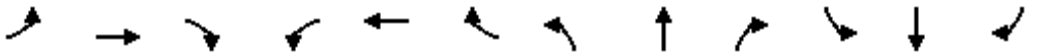
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	17	347	424	11	3	5
Future Vol, veh/h	17	347	424	11	3	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	2	0	0	0	0
Mvmt Flow	18	377	461	12	3	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	473	0	-	0	880	467
Stage 1	-	-	-	-	467	-
Stage 2	-	-	-	-	413	-
Critical Hdwy	4.1	-	-	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	2.2	-	-	-	3.5	3.3
Pot Cap-1 Maneuver	1099	-	-	-	320	600
Stage 1	-	-	-	-	635	-
Stage 2	-	-	-	-	672	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1099	-	-	-	313	600
Mov Cap-2 Maneuver	-	-	-	-	313	-
Stage 1	-	-	-	-	622	-
Stage 2	-	-	-	-	672	-

Approach	EB	WB	SB
HCM Control Delay, s	0.4	0	13.2
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1099	-	-	-	446
HCM Lane V/C Ratio	0.017	-	-	-	0.019
HCM Control Delay (s)	8.3	0	-	-	13.2
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0.1

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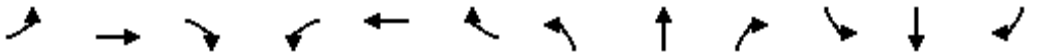


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	240	113	121	183	0	0	0	0	173	4	130
Future Volume (vph)	0	240	113	121	183	0	0	0	0	173	4	130
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		6.0		5.0	6.0					5.0	5.0	
Lane Util. Factor		1.00		1.00	1.00					1.00	1.00	
Frpb, ped/bikes		0.99		1.00	1.00					1.00	1.00	
Flpb, ped/bikes		1.00		1.00	1.00					1.00	1.00	
Frt		0.96		1.00	1.00					1.00	0.85	
Flt Protected		1.00		0.95	1.00					0.95	1.00	
Satd. Flow (prot)		1730		1570	1863					1736	1593	
Flt Permitted		1.00		0.42	1.00					0.95	1.00	
Satd. Flow (perm)		1730		697	1863					1736	1593	
Peak-hour factor, PHF	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Adj. Flow (vph)	0	282	133	142	215	0	0	0	0	204	5	153
RTOR Reduction (vph)	0	16	0	0	0	0	0	0	0	0	120	0
Lane Group Flow (vph)	0	399	0	142	215	0	0	0	0	204	38	0
Confl. Bikes (#/hr)			1									
Heavy Vehicles (%)	0%	5%	3%	15%	2%	0%	0%	0%	0%	4%	0%	2%
Turn Type		NA		pm+pt	NA					Split	NA	
Protected Phases		1		2	5					3	3	
Permitted Phases				5								
Actuated Green, G (s)		24.0		27.4	22.1					12.6	12.6	
Effective Green, g (s)		24.0		27.4	22.1					12.6	12.6	
Actuated g/C Ratio		0.41		0.47	0.38					0.22	0.22	
Clearance Time (s)		6.0		5.0	6.0					5.0	5.0	
Vehicle Extension (s)		4.0		2.0	4.0					2.0	2.0	
Lane Grp Cap (vph)		717		409	711					377	346	
v/s Ratio Prot		c0.23		c0.03	0.12					c0.12	0.02	
v/s Ratio Perm				0.13								
v/c Ratio		0.56		0.35	0.30					0.54	0.11	
Uniform Delay, d1		12.9		12.4	12.5					20.1	18.2	
Progression Factor		1.00		0.27	0.50					1.00	1.00	
Incremental Delay, d2		1.2		0.2	0.3					0.9	0.1	
Delay (s)		14.1		3.5	6.6					20.9	18.2	
Level of Service		B		A	A					C	B	
Approach Delay (s)		14.1			5.4			0.0			19.7	
Approach LOS		B			A			A			B	

Intersection Summary			
HCM 2000 Control Delay	13.1	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.52		
Actuated Cycle Length (s)	57.9	Sum of lost time (s)	16.0
Intersection Capacity Utilization	49.1%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	139	274	0	0	247	146	57	0	120	0	0	0
Future Volume (vph)	139	274	0	0	247	146	57	0	120	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	6.0			6.0	6.0	5.0	5.0				
Lane Util. Factor	1.00	1.00			1.00	1.00	1.00	1.00				
Frt	1.00	1.00			1.00	0.85	1.00	0.85				
Flt Protected	0.95	1.00			1.00	1.00	0.95	1.00				
Satd. Flow (prot)	1787	1776			1759	1568	1736	1495				
Flt Permitted	0.59	1.00			1.00	1.00	0.95	1.00				
Satd. Flow (perm)	1106	1776			1759	1568	1736	1495				
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	151	298	0	0	268	159	62	0	130	0	0	0
RTOR Reduction (vph)	0	0	0	0	0	98	0	102	0	0	0	0
Lane Group Flow (vph)	151	298	0	0	268	61	62	28	0	0	0	0
Heavy Vehicles (%)	1%	7%	0%	0%	8%	3%	4%	0%	8%	0%	0%	0%
Turn Type	pm+pt	NA			NA	Perm	Split	NA				
Protected Phases	6	1			5		7	7				
Permitted Phases	1					5						
Actuated Green, G (s)	31.2	24.0			22.1	22.1	12.6	12.6				
Effective Green, g (s)	31.2	24.0			22.1	22.1	12.6	12.6				
Actuated g/C Ratio	0.54	0.41			0.38	0.38	0.22	0.22				
Clearance Time (s)	5.0	6.0			6.0	6.0	5.0	5.0				
Vehicle Extension (s)	2.0	4.0			4.0	4.0	2.0	2.0				
Lane Grp Cap (vph)	680	736			671	598	377	325				
v/s Ratio Prot	c0.03	c0.17			0.15		c0.04	0.02				
v/s Ratio Perm	0.09					0.04						
v/c Ratio	0.22	0.40			0.40	0.10	0.16	0.09				
Uniform Delay, d1	7.3	11.9			13.1	11.5	18.4	18.1				
Progression Factor	0.06	0.59			1.00	1.00	1.00	1.00				
Incremental Delay, d2	0.1	0.5			0.5	0.1	0.1	0.0				
Delay (s)	0.5	7.5			13.6	11.6	18.5	18.1				
Level of Service	A	A			B	B	B	B				
Approach Delay (s)		5.1			12.9			18.2			0.0	
Approach LOS		A			B			B			A	

Intersection Summary			
HCM 2000 Control Delay	10.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.32		
Actuated Cycle Length (s)	57.9	Sum of lost time (s)	16.0
Intersection Capacity Utilization	49.1%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

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Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	10	384	379	3	4	15
Future Vol, veh/h	10	384	379	3	4	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	0	10	7	0	33	0
Mvmt Flow	12	447	441	3	5	17

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	444	0	-	0	914	443
Stage 1	-	-	-	-	443	-
Stage 2	-	-	-	-	471	-
Critical Hdwy	4.1	-	-	-	6.73	6.2
Critical Hdwy Stg 1	-	-	-	-	5.73	-
Critical Hdwy Stg 2	-	-	-	-	5.73	-
Follow-up Hdwy	2.2	-	-	-	3.797	3.3
Pot Cap-1 Maneuver	1127	-	-	-	268	619
Stage 1	-	-	-	-	586	-
Stage 2	-	-	-	-	568	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1127	-	-	-	264	619
Mov Cap-2 Maneuver	-	-	-	-	264	-
Stage 1	-	-	-	-	578	-
Stage 2	-	-	-	-	568	-

Approach	EB	WB	SB
HCM Control Delay, s	0.2	0	12.8
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1127	-	-	-	482
HCM Lane V/C Ratio	0.01	-	-	-	0.046
HCM Control Delay (s)	8.2	0	-	-	12.8
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.1

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Intersection	
Int Delay, s/veh	4.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	33	302	53	5	283	36	66	6	4	36	5	33
Future Vol, veh/h	33	302	53	5	283	36	66	6	4	36	5	33
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	86	86	86	86	86	86	86	86	86	86	86	86
Heavy Vehicles, %	0	11	5	40	8	0	1	0	0	0	0	0
Mvmt Flow	38	351	62	6	329	42	77	7	5	42	6	38

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	371	0	0	413	0	0	842	841	382	826	851	350
Stage 1	-	-	-	-	-	-	458	458	-	362	362	-
Stage 2	-	-	-	-	-	-	384	383	-	464	489	-
Critical Hdwy	4.1	-	-	4.5	-	-	7.11	6.5	6.2	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.11	5.5	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.11	5.5	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.56	-	-	3.509	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1199	-	-	968	-	-	285	303	670	293	299	698
Stage 1	-	-	-	-	-	-	585	570	-	661	629	-
Stage 2	-	-	-	-	-	-	641	616	-	582	553	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1199	-	-	968	-	-	255	288	670	275	284	698
Mov Cap-2 Maneuver	-	-	-	-	-	-	255	288	-	275	284	-
Stage 1	-	-	-	-	-	-	561	547	-	634	624	-
Stage 2	-	-	-	-	-	-	595	611	-	547	530	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.7	0.1	25.1	17.3
HCM LOS			D	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	266	1199	-	-	968	-	-	378
HCM Lane V/C Ratio	0.332	0.032	-	-	0.006	-	-	0.228
HCM Control Delay (s)	25.1	8.1	0	-	8.7	0	-	17.3
HCM Lane LOS	D	A	A	-	A	A	-	C
HCM 95th %tile Q(veh)	1.4	0.1	-	-	0	-	-	0.9

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Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	5	337	309	3	5	9
Future Vol, veh/h	5	337	309	3	5	9
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	87	87	87	87	87	87
Heavy Vehicles, %	17	11	9	0	0	0
Mvmt Flow	6	387	355	3	6	10

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	358	0	-	0	756	357
Stage 1	-	-	-	-	357	-
Stage 2	-	-	-	-	399	-
Critical Hdwy	4.27	-	-	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	2.353	-	-	-	3.5	3.3
Pot Cap-1 Maneuver	1122	-	-	-	379	692
Stage 1	-	-	-	-	713	-
Stage 2	-	-	-	-	682	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1122	-	-	-	376	692
Mov Cap-2 Maneuver	-	-	-	-	376	-
Stage 1	-	-	-	-	708	-
Stage 2	-	-	-	-	682	-

Approach	EB	WB	SB
HCM Control Delay, s	0.1	0	12
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1122	-	-	-	532
HCM Lane V/C Ratio	0.005	-	-	-	0.03
HCM Control Delay (s)	8.2	0	-	-	12
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.1

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Intersection	
Int Delay, s/veh	2

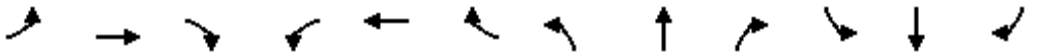
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	6	1	8	5	1	13
Future Vol, veh/h	6	1	8	5	1	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	0	0	0	0	0	8
Mvmt Flow	7	1	9	6	1	15

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	29	12	0	0	15	0
Stage 1	12	-	-	-	-	-
Stage 2	17	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	991	1074	-	-	1616	-
Stage 1	1016	-	-	-	-	-
Stage 2	1011	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	990	1074	-	-	1616	-
Mov Cap-2 Maneuver	990	-	-	-	-	-
Stage 1	1016	-	-	-	-	-
Stage 2	1010	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	8.6	0	0.5
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	1001	1616	-
HCM Lane V/C Ratio	-	-	0.008	0.001	-
HCM Control Delay (s)	-	-	8.6	7.2	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

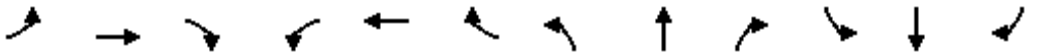
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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	301	80	176	404	0	0	0	0	131	0	56
Future Volume (vph)	0	301	80	176	404	0	0	0	0	131	0	56
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		6.0		5.0	6.0					5.0	5.0	
Lane Util. Factor		1.00		1.00	1.00					1.00	1.00	
Frt		0.97		1.00	1.00					1.00	0.85	
Flt Protected		1.00		0.95	1.00					0.95	1.00	
Satd. Flow (prot)		1813		1805	1900					1703	1599	
Flt Permitted		1.00		0.37	1.00					0.95	1.00	
Satd. Flow (perm)		1813		703	1900					1703	1599	
Peak-hour factor, PHF	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Adj. Flow (vph)	0	367	98	215	493	0	0	0	0	160	0	68
RTOR Reduction (vph)	0	9	0	0	0	0	0	0	0	0	52	0
Lane Group Flow (vph)	0	456	0	215	493	0	0	0	0	160	16	0
Heavy Vehicles (%)	0%	2%	1%	0%	0%	0%	0%	0%	0%	6%	0%	1%
Turn Type		NA		pm+pt	NA					Split	NA	
Protected Phases		1		2	5					3	3	
Permitted Phases				5								
Actuated Green, G (s)		28.7		39.7	31.4					15.8	15.8	
Effective Green, g (s)		28.7		39.7	31.4					15.8	15.8	
Actuated g/C Ratio		0.42		0.58	0.46					0.23	0.23	
Clearance Time (s)		6.0		5.0	6.0					5.0	5.0	
Vehicle Extension (s)		4.0		2.0	4.0					2.0	2.0	
Lane Grp Cap (vph)		756		538	867					391	367	
v/s Ratio Prot		0.25		c0.05	c0.26					c0.09	0.01	
v/s Ratio Perm				0.18								
v/c Ratio		0.60		0.40	0.57					0.41	0.04	
Uniform Delay, d1		15.6		12.9	13.7					22.5	20.6	
Progression Factor		1.00		0.23	0.72					1.00	1.00	
Incremental Delay, d2		1.6		0.2	1.0					0.3	0.0	
Delay (s)		17.2		3.1	11.0					22.8	20.6	
Level of Service		B		A	B					C	C	
Approach Delay (s)		17.2			8.6			0.0			22.1	
Approach LOS		B			A			A			C	

Intersection Summary			
HCM 2000 Control Delay	13.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.52		
Actuated Cycle Length (s)	68.8	Sum of lost time (s)	16.0
Intersection Capacity Utilization	52.1%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

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Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	130	302	0	0	332	192	248	3	172	0	0	0
Future Volume (vph)	130	302	0	0	332	192	248	3	172	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	6.0			6.0	6.0	5.0	5.0				
Lane Util. Factor	1.00	1.00			1.00	1.00	1.00	1.00				
Frt	1.00	1.00			1.00	0.85	1.00	0.85				
Flt Protected	0.95	1.00			1.00	1.00	0.95	1.00				
Satd. Flow (prot)	1805	1863			1881	1615	1805	1620				
Flt Permitted	0.49	1.00			1.00	1.00	0.95	1.00				
Satd. Flow (perm)	923	1863			1881	1615	1805	1620				
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	140	325	0	0	357	206	267	3	185	0	0	0
RTOR Reduction (vph)	0	0	0	0	0	112	0	143	0	0	0	0
Lane Group Flow (vph)	140	325	0	0	357	94	267	45	0	0	0	0
Heavy Vehicles (%)	0%	2%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
Turn Type	pm+pt	NA			NA	Perm	Split	NA				
Protected Phases	6	1			5		7	7				
Permitted Phases	1					5						
Actuated Green, G (s)	34.3	28.7			31.4	31.4	15.8	15.8				
Effective Green, g (s)	34.3	28.7			31.4	31.4	15.8	15.8				
Actuated g/C Ratio	0.50	0.42			0.46	0.46	0.23	0.23				
Clearance Time (s)	5.0	6.0			6.0	6.0	5.0	5.0				
Vehicle Extension (s)	2.0	4.0			4.0	4.0	2.0	2.0				
Lane Grp Cap (vph)	531	777			858	737	414	372				
v/s Ratio Prot	c0.02	0.17			c0.19		c0.15	0.03				
v/s Ratio Perm	0.11					0.06						
v/c Ratio	0.26	0.42			0.42	0.13	0.64	0.12				
Uniform Delay, d1	12.0	14.2			12.5	10.8	24.0	21.0				
Progression Factor	0.10	0.53			1.00	1.00	1.00	1.00				
Incremental Delay, d2	0.1	0.5			0.4	0.1	2.6	0.1				
Delay (s)	1.3	8.0			13.0	10.9	26.5	21.1				
Level of Service	A	A			B	B	C	C				
Approach Delay (s)		6.0			12.2			24.3			0.0	
Approach LOS		A			B			C			A	

Intersection Summary			
HCM 2000 Control Delay	14.0	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.47		
Actuated Cycle Length (s)	68.8	Sum of lost time (s)	16.0
Intersection Capacity Utilization	52.1%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

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Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	14	460	507	3	4	17
Future Vol, veh/h	14	460	507	3	4	17
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	2	0	0	0	0
Mvmt Flow	15	500	551	3	4	18

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	554	0	-	0	1083	553
Stage 1	-	-	-	-	553	-
Stage 2	-	-	-	-	530	-
Critical Hdwy	4.1	-	-	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	2.2	-	-	-	3.5	3.3
Pot Cap-1 Maneuver	1026	-	-	-	243	537
Stage 1	-	-	-	-	580	-
Stage 2	-	-	-	-	594	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1026	-	-	-	238	537
Mov Cap-2 Maneuver	-	-	-	-	238	-
Stage 1	-	-	-	-	568	-
Stage 2	-	-	-	-	594	-

Approach	EB	WB	SB
HCM Control Delay, s	0.3	0	13.8
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1026	-	-	-	433
HCM Lane V/C Ratio	0.015	-	-	-	0.053
HCM Control Delay (s)	8.6	0	-	-	13.8
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.2

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Intersection	
Int Delay, s/veh	4.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	38	335	93	1	408	43	64	7	8	43	7	38
Future Vol, veh/h	38	335	93	1	408	43	64	7	8	43	7	38
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	0	2	1	0	0	0	0	0	0	0	0	0
Mvmt Flow	41	364	101	1	443	47	70	8	9	47	8	41

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	490	0	0	465	0	0	990	989	415	974	1016	467
Stage 1	-	-	-	-	-	-	497	497	-	469	469	-
Stage 2	-	-	-	-	-	-	493	492	-	505	547	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.1	6.5	6.2	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.1	5.5	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.1	5.5	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1084	-	-	1107	-	-	227	249	642	233	240	600
Stage 1	-	-	-	-	-	-	559	548	-	579	564	-
Stage 2	-	-	-	-	-	-	562	551	-	553	521	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1084	-	-	1107	-	-	198	236	642	215	227	600
Mov Cap-2 Maneuver	-	-	-	-	-	-	198	236	-	215	227	-
Stage 1	-	-	-	-	-	-	530	520	-	549	563	-
Stage 2	-	-	-	-	-	-	516	550	-	510	494	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.7	0	32.3	22.6
HCM LOS			D	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	216	1084	-	-	1107	-	-	299
HCM Lane V/C Ratio	0.398	0.038	-	-	0.001	-	-	0.32
HCM Control Delay (s)	32.3	8.5	0	-	8.3	0	-	22.6
HCM Lane LOS	D	A	A	-	A	A	-	C
HCM 95th %tile Q(veh)	1.8	0.1	-	-	0	-	-	1.3

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Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	17	366	443	11	3	5
Future Vol, veh/h	17	366	443	11	3	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	2	0	0	0	0
Mvmt Flow	18	398	482	12	3	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	494	0	-	0	922	488
Stage 1	-	-	-	-	488	-
Stage 2	-	-	-	-	434	-
Critical Hdwy	4.1	-	-	-	6.4	6.2
Critical Hdwy Stg 1	-	-	-	-	5.4	-
Critical Hdwy Stg 2	-	-	-	-	5.4	-
Follow-up Hdwy	2.2	-	-	-	3.5	3.3
Pot Cap-1 Maneuver	1080	-	-	-	302	584
Stage 1	-	-	-	-	621	-
Stage 2	-	-	-	-	658	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1080	-	-	-	296	584
Mov Cap-2 Maneuver	-	-	-	-	296	-
Stage 1	-	-	-	-	608	-
Stage 2	-	-	-	-	658	-

Approach	EB	WB	SB
HCM Control Delay, s	0.4	0	13.6
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1080	-	-	-	428
HCM Lane V/C Ratio	0.017	-	-	-	0.02
HCM Control Delay (s)	8.4	0	-	-	13.6
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0.1

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Intersection	
Int Delay, s/veh	2.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	8	1	10	7	1	13
Future Vol, veh/h	8	1	10	7	1	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	9	1	11	8	1	14

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	31	15	0	0	19	0
Stage 1	15	-	-	-	-	-
Stage 2	16	-	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	988	1070	-	-	1611	-
Stage 1	1013	-	-	-	-	-
Stage 2	1012	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	987	1070	-	-	1611	-
Mov Cap-2 Maneuver	987	-	-	-	-	-
Stage 1	1013	-	-	-	-	-
Stage 2	1011	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	8.7	0	0.5
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	996	1611	-
HCM Lane V/C Ratio	-	-	0.01	0.001	-
HCM Control Delay (s)	-	-	8.7	7.2	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

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Petroleum Storage Equipment – Design, Installation & Maintenance

As a family- and employee-owned business that owns its real estate, Stewart's puts a tremendous investment into our high standards for petroleum storage equipment and its maintenance. We live in the communities we serve, and keep a steady focus on compliance excellence to protect the environment and our drinking water sources.

All of our newly installed gasoline facilities meet and/or well exceed all relevant codes and regulations including NYS DEC codes 6NYCRR part 613, NFPA (National Fire Protection Association) codes, and the New York State Uniform Fire Prevention and Building Code. We are proud to lead the industry in New York State for petroleum storage compliance.

Tanks:

To protect our shared natural resources, our new systems utilize the latest in double-walled Fiberglass-Reinforced Plastic (FRP) tank design, system-wide secondary containment, 24/7 electronic monitoring, leak detection, overfill protection, spill prevention, and remote alarm reporting. We have not experienced a release to the environment from similar FRP systems in the 16 years we've been installing them.

Our FRP tanks by their very nature are corrosion-proof, and thereby do not experience degradation from contact with soil or groundwater. This ensures a long-lasting tank with walls that retain their structure and tightness for decades. Our tanks are also double-walled, or in other words are constructed as a "tank within a tank", with an interstitial space that is brine-filled and monitored electronically for any change 24 hours a day, 7 days a week. In the rare event of a leak in either the inner (primary) or outer (secondary) wall, the change in brine level will instantly alert us of an issue. Any alarms triggered by our system are visible and audible at the shop, and are also visible at our headquarters via web console and email/mobile phone for the fastest possible response. And the double-walled construction ensures that the product stored never reaches the environment, allowing time to empty the vessel and make a lasting, quality repair.

The FRP tanks deliver stored fuel via submersible turbine pumps (STPs) to our dispensers under pressure. The STPs and ancillary tank-top equipment are enclosed within secondary containment sumps sealed to the top of the tanks. If a leak were to occur in this equipment, it would be fully contained by the sump and would not reach the environment. All STP sumps are monitored 24/7 by liquid sensors, which instantly trigger an alarm at the shop and our headquarters as above in the presence of liquid (even water).

Our FRP tanks are also specially equipped to prevent overfilling during a fuel delivery via an automatic shut-off mechanism which stops the flow of fuel into the tank when it reaches 95% capacity (but does allow the deliverer to safely empty the delivery hose into the tank before disconnecting). A 15-gallon spill bucket surrounds the fill port so that, in the event of a mishap during hose handling, any spilled fuel is immediately contained and will not reach the environment. Venting of the tanks includes Stage I Vapor Recovery, which returns any gasoline vapors from our tanks to the truck during delivery to prevent the unwanted release of petroleum vapors to the air.

Piping:

Flexible double-walled piping is used on all of our underground systems. The flexible design not only avoids the stress failures that befall rigid piping, but also gives the piping layout a seamless design from the tanks all the way to the dispensers. Fewer fittings means fewer opportunities for a leak. The interstitial space between the two piping walls is monitored electronically 24/7 and would allow a leak to drain safely back to the tank sump without ever reaching the environment. The piping is also installed in a 4" diameter conduit, giving a de-facto

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triple containment construction and providing greater physical protection to the outer wall. The pressurized inner wall which carries the petroleum to the dispensers is also monitored 24/7 by an electronic line leak detector, which in the event of a pressure loss not only triggers alarms at the shop and our headquarters, but also shuts down the flow of fuel from the associated tanks to stop product loss.

Dispensers:
Our dispensers also contain spill prevention designs. Beneath every dispenser is a secondary containment sump which catches and contains any leaks or drips that might occur inside the dispenser cabinet, thus preventing the release of petroleum to the environment. Liquid within this sump is allowed to communicate through the interstitial space of the piping back to the tank's STP sump, there triggering the liquid sensor alarm at the shop and our headquarters for a rapid response and repair.

Breakaway fittings are installed on the dispenser hoses which allow all hoses to safely release from the dispenser and stop the flow of fuel in the event of a drive-off where the nozzle is still in a customer's tank. Nozzles are all equipped with an automatic shutoff feature to alert the customer that their tank is almost full, thereby reducing the likelihood of an overfill. Shear (or "impact") valves are installed in piping beneath the dispensers and are designed to break or shear at a controlled point in the event of a car-dispenser accident, automatically shut off the flow of fuel from the tanks, and prevent backflow from within the affected dispenser.

Electronic Safeguards:
Besides the line leak detectors, sump liquid sensors, and interstitial liquid sensors mentioned above, our system operation is monitored continuously by an automatic tank gauge (ATG) which acts as the "brain". It receives and relays input 24/7 from the various sensors and probes, monitors inventory levels, measures deliveries, senses for water, and alerts Stewart's of any unusual operating conditions or alarms. Our systems are also equipped with one-touch "E-Stop" buttons that allow a user to instantly stop the flow of fuel and disconnect all power and communication circuits to the dispensers in the event of an emergency.

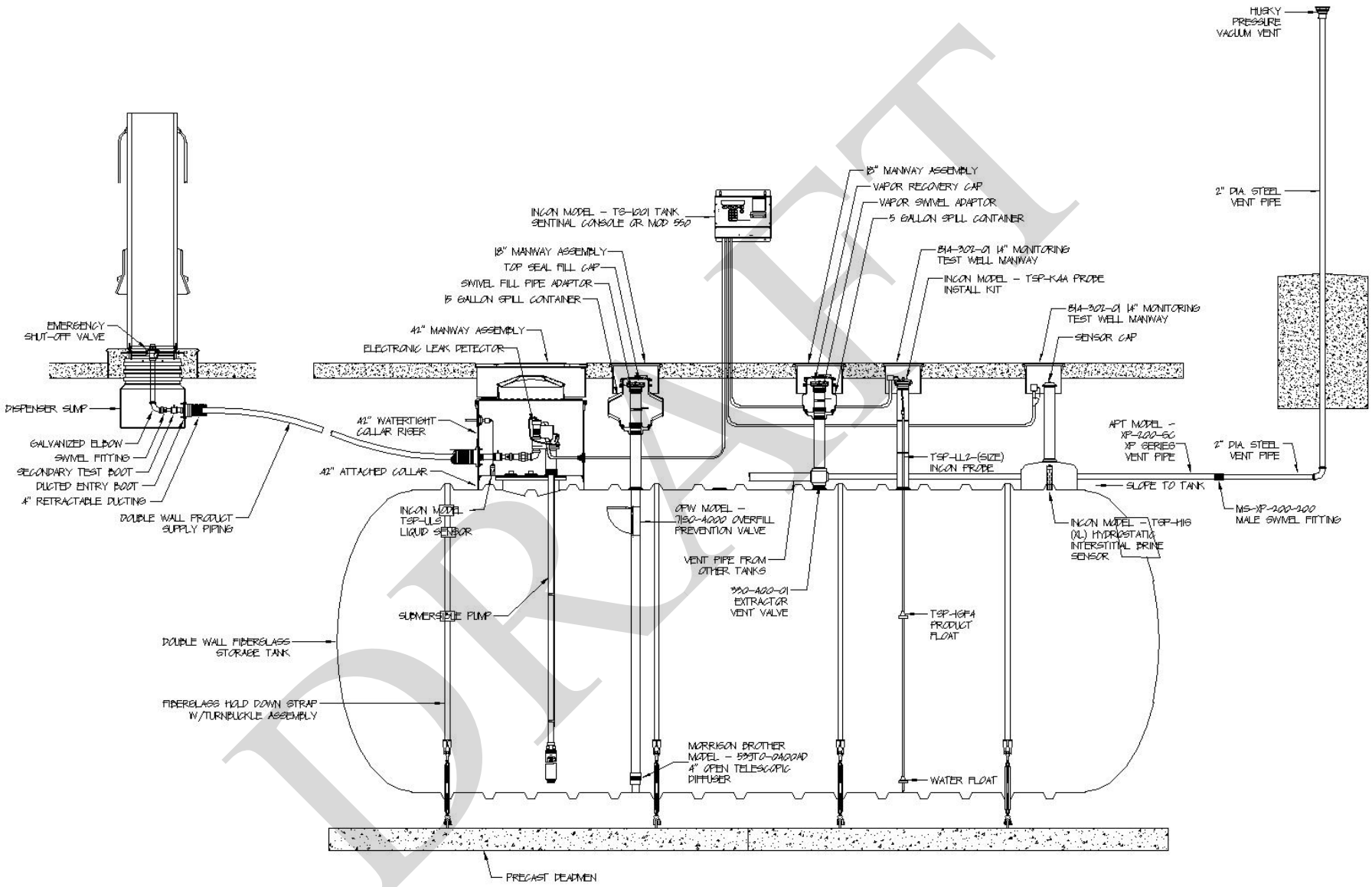
Maintenance, Training & Inspection:
Once a facility is in operation, multiple measures are taken to maintain a safe facility. Our procedures include constant automatic gauging of fuel storage tanks to reconcile inventory daily. We know every day if our physical inventory of fuel matches what our records show we should have, and any deviations are vigorously investigated. Fuel dispensers are calibrated regularly, and the Department of Weights and Measures checks the calibration of the pumps on a routine basis. This ensures that an accurate inventory reconciliation is possible.

Although we are years ahead of the EPA deadline for performing this, Stewart's is currently inspecting and hydrostatically testing its secondary containment and overfill protection equipment to prove functionality in the unlikely event of a primary containment failure. Tank top sumps, under-dispenser sumps and fill port spill buckets are carefully inspected and then filled with water for a set time period to prove tightness. Overfill protection devices such as automatic shut-off are pulled, inspected, and their shutoff functionality is confirmed. This is all repeated every 3 years.

We provide initial and continuous Class C Operator training to our shop personnel and maintenance employees in order to equip them to properly operate a petroleum bulk storage facility with emphasis on protection of human health and the environment. Employees are trained to stop, contain, clean, and report all surface spills to a Corporate Spill Responder and involve emergency responders as needed. All shops stock spill clean-up materials. This training program will become mandatory in late 2016, however Stewart's Shops Corp. has been training this way since 2003. We also fully inspect our systems and inventory records on a monthly basis and then audit those inspections annually. Our inspections go far beyond the NYSDEC inspection scope, which occurs every 3 years. Abbreviated monthly inspections will be required by NYS after this year, but Stewart's has been conducting thorough monthly inspections for the past 13 years.

We simply cannot overstate our commitment to operate safe, compliant, well-maintained underground storage tank systems for the protection of our neighborhoods and local environment.

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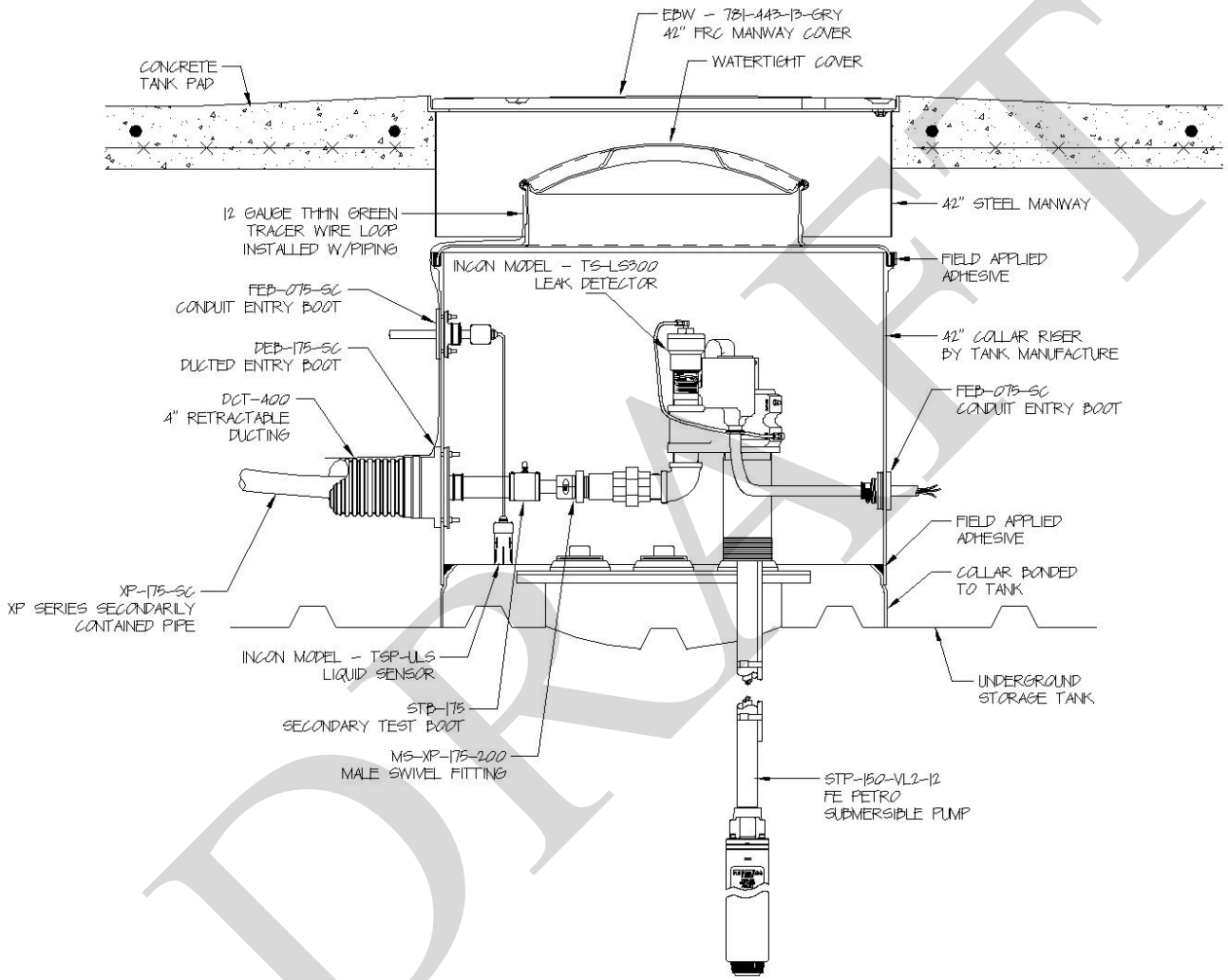


5
G-2

TYPICAL ILLUSTRATIVE APPLICATION DETAIL

SCALE: 3/8"=1'-0"
CROSS REFERENCE: NONE

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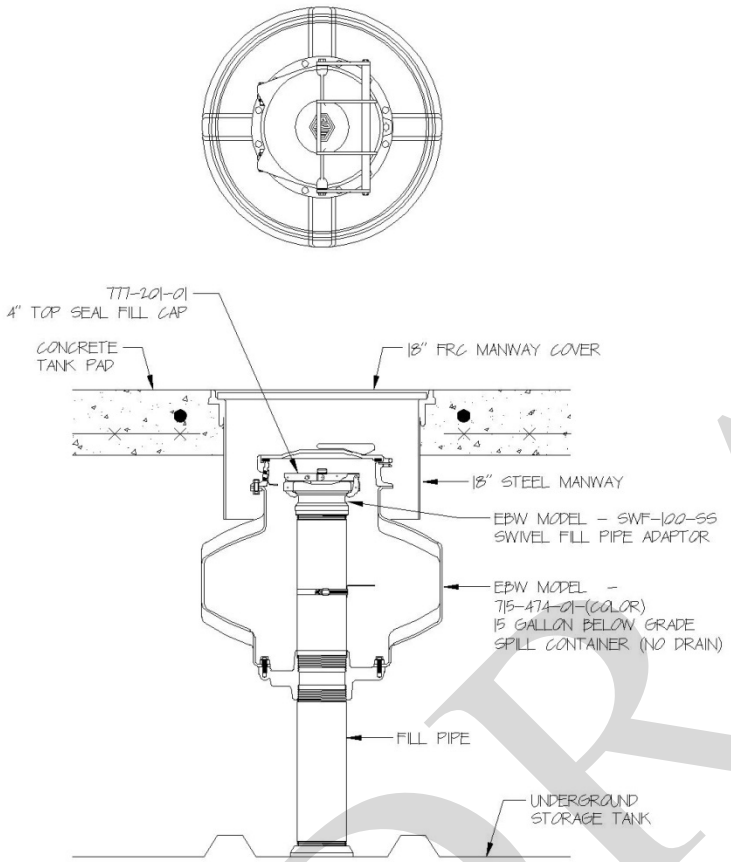


3
G-2

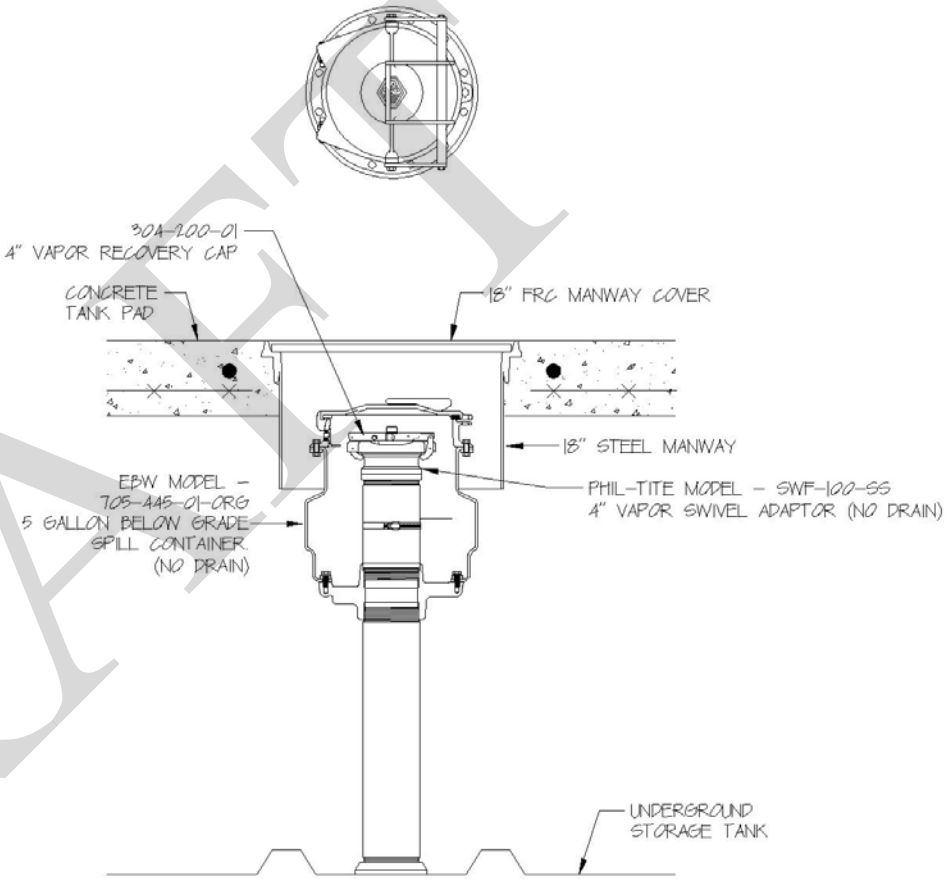
SUBMERSIBLE PUMP / MANHOLE DETAIL

SCALE: 1"=1'-0"
CROSS REFERENCE: NONE

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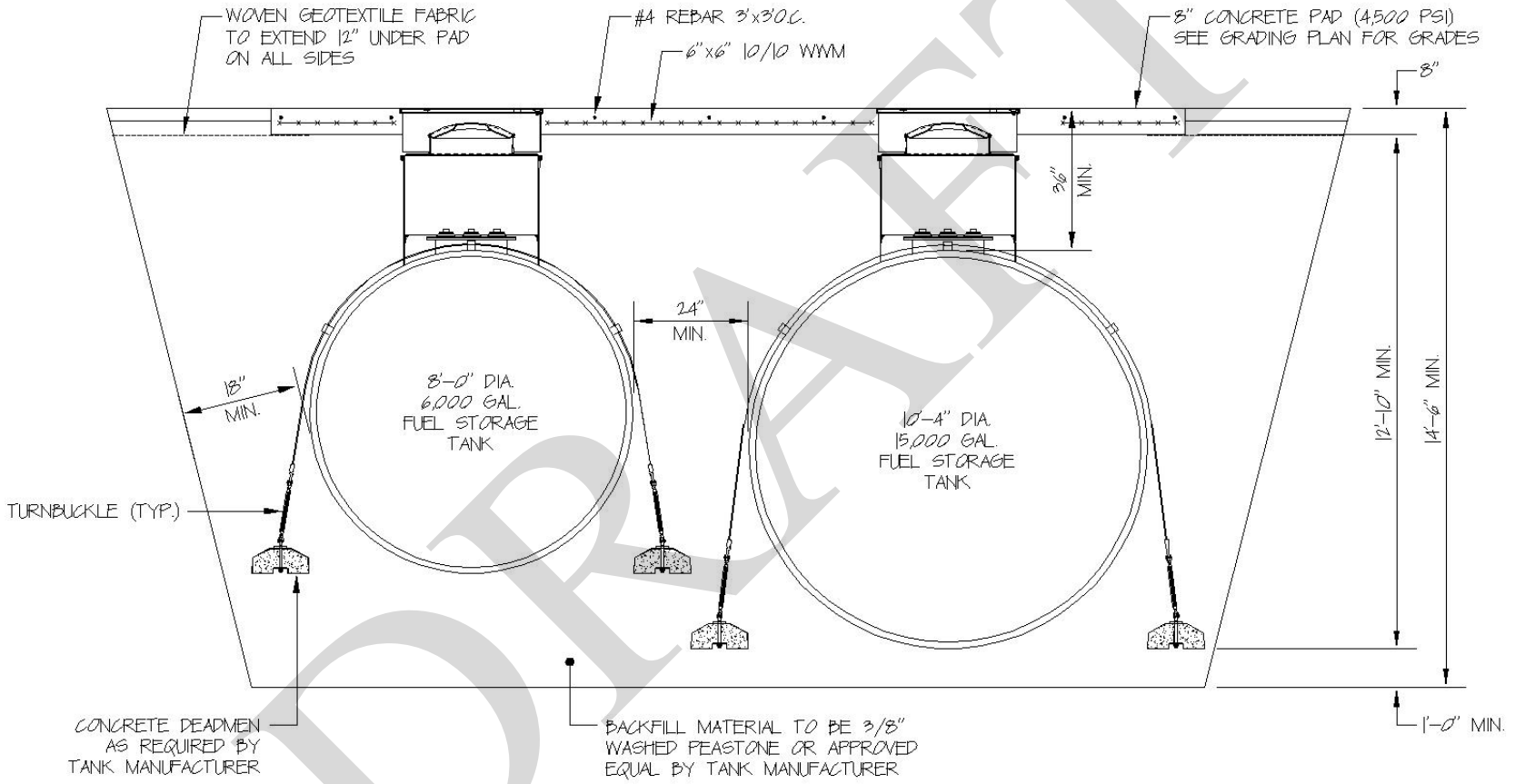


4 / G-2 TANK FILL DETAIL
SCALE: 1"=1'-0"
CROSS REFERENCE: NONE



6 / G-2 VAPOR RECOVERY DETAIL
SCALE: 1"=1'-0"
CROSS REFERENCE: NONE

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4
G-1

TANK CROSS-SECTION DETAIL

SCALE: 1/4"=1'-0"
CROSS REFERENCE: NONE

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March 21, 2024

INTERNAL MEMORANDUM

Mr Chuck Marshall, Real Estate

RE: Highbridge Road, Former Mobil station
PBS Facility 4-121800

Chuck,
According to public record and research into site use history, this facility has been involved in the storage and dispensing of petroleum fuels for decades. Your group should be prepared for the presence of contamination, possibly of a significant nature. Site use as a former Mobil station appears to go back to at least the early 1970's following construction of the adjacent expressway.

A total of 11 petroleum tanks are associated with this property. The first generation of tanks here has an install date of 1972, which is over a decade prior to the issuance of the state's underground storage tank rules. As such, tank and piping construction and installation standards were not in place at that time, nor were testing or maintenance guidelines. The 1972 tanks here were single-walled (no secondary containment for leaks), had no corrosion protection, no leak detection, no spill prevention and no overfill protection. These facts along with the prevailing attitudes toward spills and underground releases at the time should serve as ample harbingers for the likely presence of underground contamination here.

The second generation of tanks were installed in 1986, which is right at the inception of the state's underground storage tank regulation program. These tanks were also steel and did have more modern spill/overfill and release prevention and detection measures but the industry's capabilities in these areas were in their infancy. Releases from storage tank systems of this age were common, particularly from piping, vents, fill ports and dispensing systems. Primary emphasis for leak detection and prevention was placed on the tanks at that time, so many of these accessory components were largely ignored (and thus accounted for an outsized portion of underground releases in the 80's and 90's).

The products stored on site included gasoline, fuel oil and used motor oil. Due to the apparent presence of an automotive repair facility on site, it should be assumed that lubricating oils were stored and employed on site along with degreasers, solvents, and other compounds of concern. Facilities of this age often employed floor drains tied to underground drywells, which served as direct injection points for waste chemicals, solvents, petroleum distillates and shop floor rinsate.

A review of spills and releases reported to the State of New York revealed at least 5 recorded incidents at this facility. Not surprisingly, 3 of these were in the mid 1980's when the original 1972

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tanks would have been decommissioned. Two of the 3 spills were due to tank test failures, indicating that the 1972-generation tanks failed to meet tightness standards. These test failures mean the tank systems either were actively or were capable of leaking fuels into the environment. Coupled with the State's nascent Spills and Bulk Storage programs and related standards, any soil cleanup performed at that time prior to installation of replacement tanks would have been minimal and inadequate compared to today's standards.

Two of the reported spills noted were related to significant waste oil spills, one of which remained active under DEC's supervision for six years. A gasoline spill reported in 2007 remained active for 4 years. Typically spills that remain open for more than six to 12 months signal a lengthier cleanup or monitoring regimen due to the significance of the spill and/or the heightened risk to sensitive receptors nearby.

The aforementioned facts about the property should serve to notify your group of the likely presence of contamination on site, which could be extensive. This will have obvious effects on the cost and timetable for redevelopment here. Decades of storage and use of petroleum on site along with automotive repair activities at a time when regulations were non-existent or still budding tend to amplify the concern.

Should your group proceed with the transaction, we do have the capability in-house to delineate and define the contamination as well as design a method of cleanup to bring the property back toward pre-release conditions. Our partnerships with NYSDEC and various spill cleanup contractors and disposal facilities will ensure a thorough restoration of the property prior to redevelopment and the complete modernization of the Facility.

The safety, tightness, cleanliness, and well-maintained nature of our 24/7 electronically-monitored underground storage tank systems is all outlined for you in a separate memo should you need it for reference. Following cleanup of the property, our number one priority would the prevention of any future spill.

If you have any questions, please don't hesitate to call me at (518) 581-1201 ext 4259.

Sincerely,
Stewart's Shops Corp.

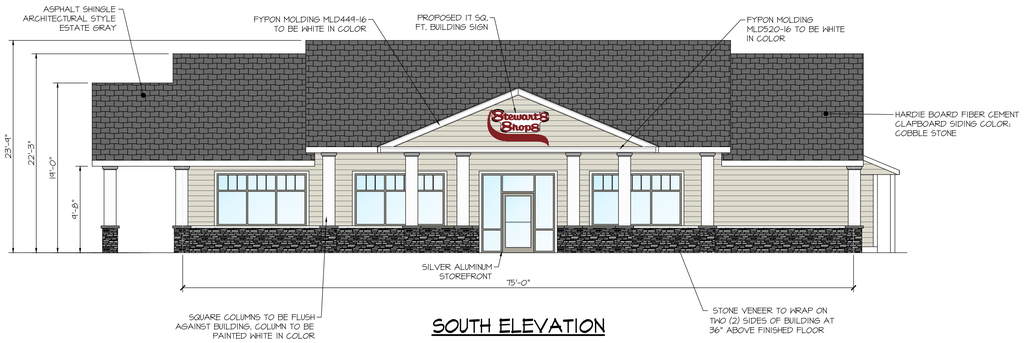
Timothy C. Johncox, P.G.
Environmental Compliance & Remediation



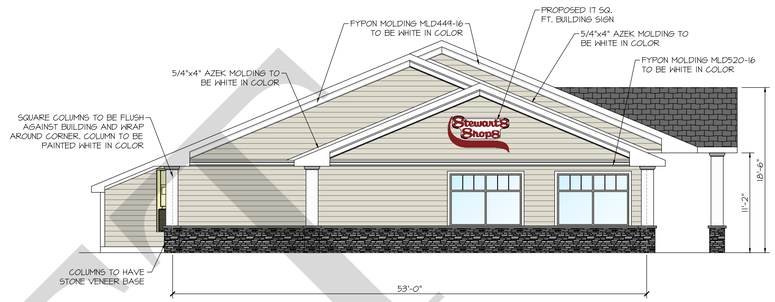
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PROPOSED STEWART'S SHOP

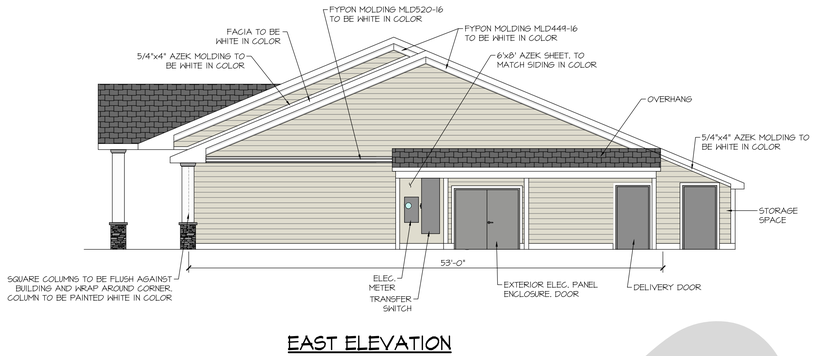
1098 HIGHBRIDGE ROAD - SCHENECTADY (T/ ROTTERDAM), NY 12303



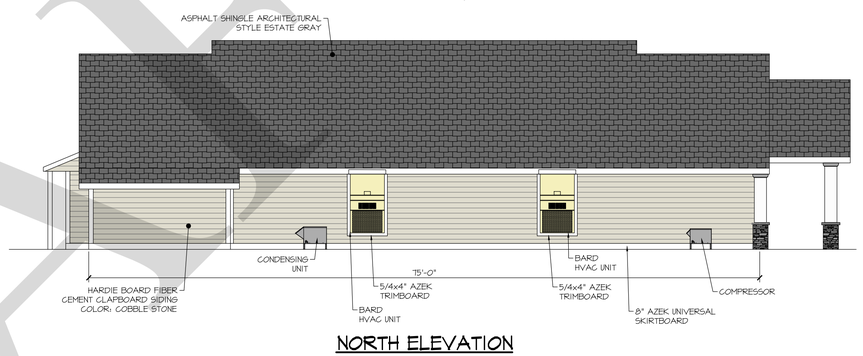
SOUTH ELEVATION



WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION

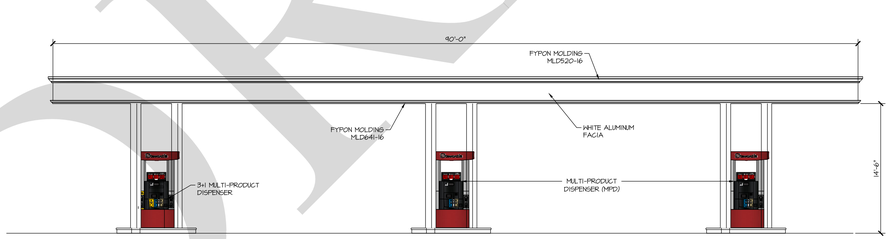


PROPOSED FREESTANDING SIGN

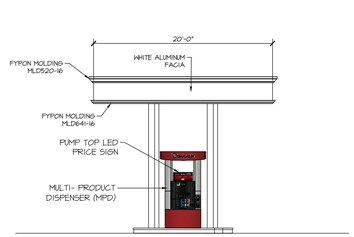
SIZE: - 7'-10"x8' = 63 SQ. FT.

LETTERS: - 1/8" PLEXIGLASS FACE ON 4-1/2" THICK CAN

ILLUMINATION: - INTERNALLY ILLUMINATED WITH LED LIGHTING
- BURGUNDY LETTERS
- WHITE COLOR BACKGROUND
- 16" RED LED GAS PRICE NUMBERS
- 16" GREEN LED DIESEL PRICE NUMBERS



GAS CANOPY FRONT ELEVATION



GAS CANOPY SIDE ELEVATION

Stewart's Shops

TYPICAL BUILDING SIGN

SIZE: - 11 SQ. FT.

LETTERS: - 1/8" PLEXIGLASS FACE ON 4-1/2" THICK CAN

ILLUMINATION: - INTERNALLY ILLUMINATED WITH LED LIGHTING
- BURGUNDY LETTERS
- WHITE COLOR BACKGROUND

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STATE OF NEW YORK · SCOTT EDWIN KRESSNER · 091096 · LICENSED PROFESSIONAL ENGINEER

ALTERATIONS TO THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED PROFESSIONAL ENGINEER IS ILLEGAL AND A VIOLATION OF THE NEW YORK STATE EDUCATION LAW

STORE NAME, ABBREVIATION & NO.: HIGHBRIDGE ROAD - HBR - 400

SITE LOCATION: 1098 HIGHBRIDGE ROAD - SCHENECTADY (T/ ROTTERDAM), NY 12303

DATE	NO.	REVISIONS
3/25/24	1	REDUCE FUEL CANOPY TO 3 ISLANDS, ADD ADDITIONAL FENCE AND SCREENING

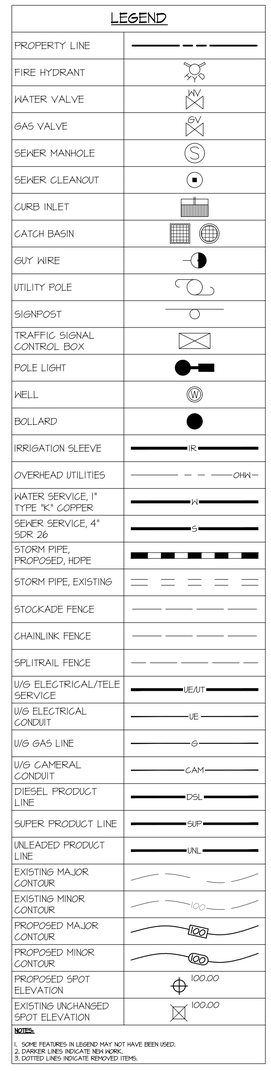
Stewart's Shops
SARATOGA SPRINGS, NY 12866
TEL. (518)581-1200 FAX (518)581-1209

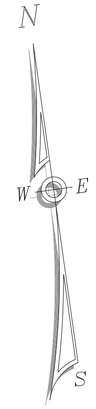
DRAWN BY: JRG
SCALE: AS SHOWN
DATE: 1/2/24

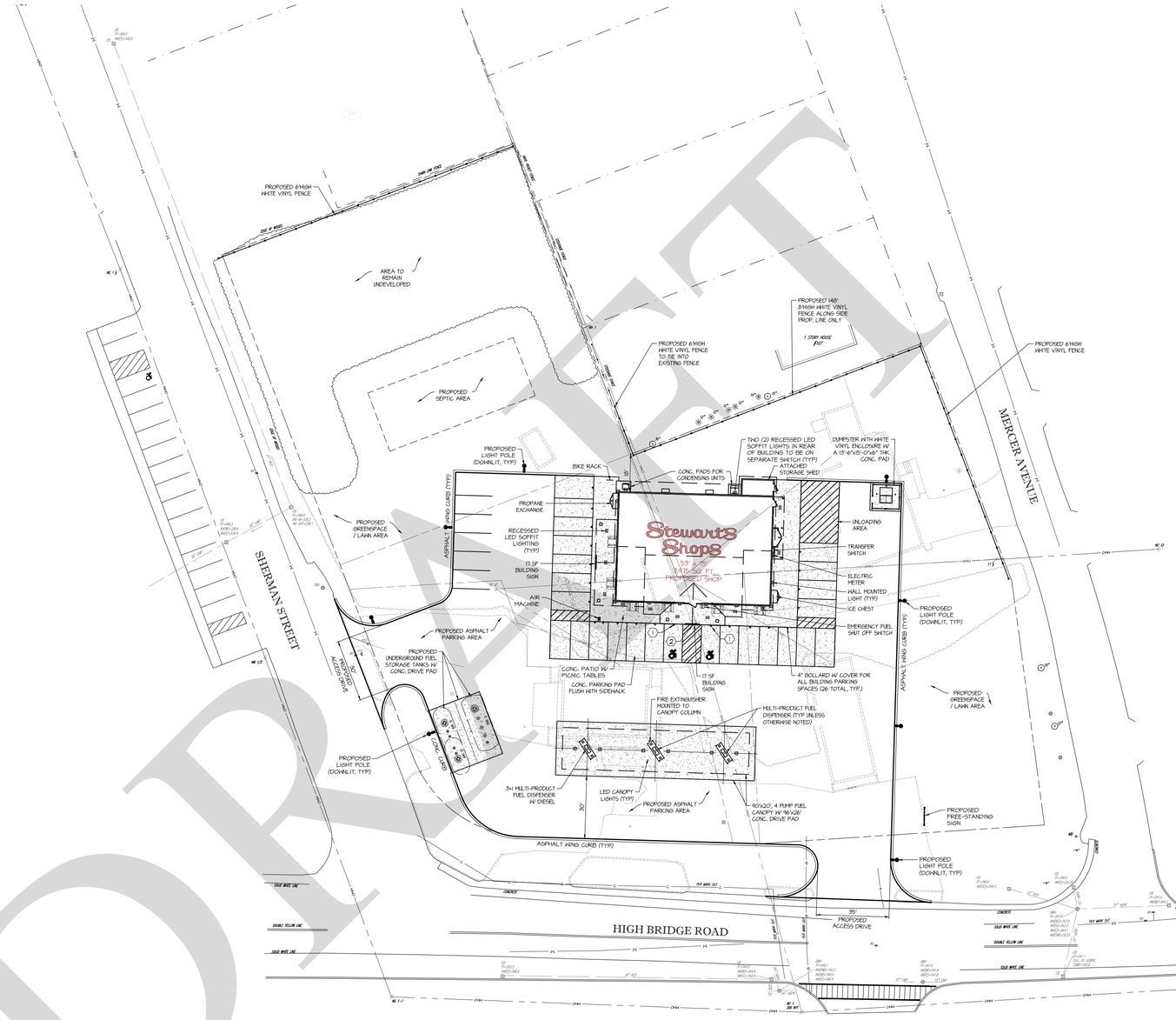
DRAWING NO.: T-1

TITLE: TITLE SHEET

April 10, 2024







DRAFT

SIGN KEY:

1) ALL SIGNS ARE TO CONFORM WITH N.Y.S.D.O.T. STANDARD SECTION 645.

2) SIGN POST TO BE SECURED IN BOLLARD WITH SAND

3) SIGNS SHALL BE MOUNTED TO GALVANIZED U CHANNEL POSTES IN THE LOCATIONS INDICATED ON THE PLAN.



1 — HANDICAP SIGN
R7-8 12"x18"
R7-8A 12"x6"
6'-0" MOUNTING HEIGHT MIN., SEE PLAN FOR LOCATION

2 — NO PARKING SIGN
R7-1 12"x18"
6'-0" MOUNTING HEIGHT MIN., SEE PLAN FOR LOCATION

STATE OF NEW YORK
SCOTT EDWIN KITCHENER
091096
LICENSED PROFESSIONAL ENGINEER

ALTERATIONS TO THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED PROFESSIONAL ENGINEER IS ILLEGAL AND A VIOLATION OF THE NEW YORK STATE EDUCATION LAW

STORE NAME, ABBREVIATION # NO:
HIGHBRIDGE ROAD - HBR - 400

SITE LOCATION
1098 HIGHBRIDGE ROAD - SCHENECTADY (T/ ROTTERDAM), NY 12303

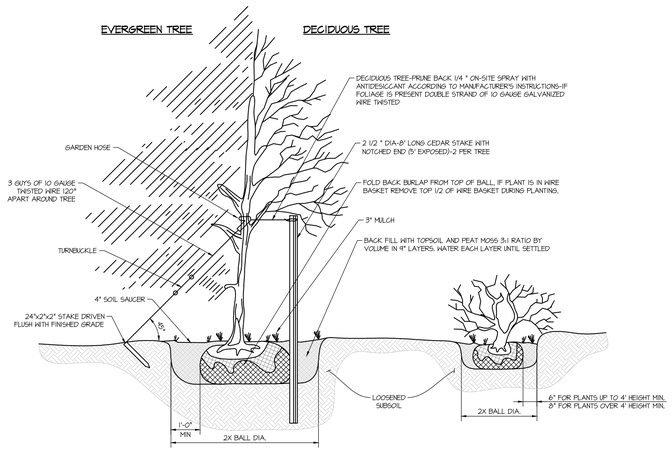
DATE	NO.	REVISIONS
3/25/24	1	REDUCE FUEL CANOPY TO 3 ISLANDS, ADD ADDITIONAL FENCE AND SCREENING
.	.	

Stewart's Shops
SARATOGA SPRINGS, NY 12866
TEL. (518)581-1200 FAX (518)581-1209

DRAWN BY: JRG
SCALE: 1"=30'
DATE: 1/2/24

DRAWING NO.
S-2

TITLE:
PROPOSED SITE PLAN



PLANTING NOTES:

1. DECIDUOUS PLANTING SEASONS
   SPRING: APRIL 1 - MAY 20
   FALL: OCTOBER 1 - NOVEMBER 15
2. ALL PLANTS SHALL BE GUARANTEED AND MAINTAINED FOR A PERIOD OF 1 YEAR AFTER BEING PROPERLY PLANTED.
3. REPLACEMENT PLANTS SHALL BE PLANTED IN CONFORMANCE WITH THE SAME SPECIFICATIONS AS THE ORIGINAL PLANTS.
4. WRAP DECIDUOUS TREES OVER 1" CAL WITH PLASTIC TREE GUARDS
   - REMOVE TREE GUARDS AFTER A MIN. OF 2 WINTERS AND BEFORE A MAX. OF 5 WINTERS
5. EVERGREEN TREE-GROUND LINE TO BE THE SAME AS EXISTED AT THE NURSERY
6. TREE CALIPER IS TO BE MEASURED AT A HEIGHT OF 4'.
7. ALL STAKES AND 6X19 WIRES TO BE REMOVED 2 YEARS AFTER INITIAL PLANING.

PLANTING DETAIL

SCALE: N.T.S.



PLANT LIST

	ABRV	BOTANICAL NAME	COMMON NAME	QTY	SIZE	SPACING
PERENNIALS	HS	HEMEROCALLIS 'STELLA DE ORO'	DAYLILY - STELLA DE ORO	3	2 GAL.	AS SHOWN
	RF	RUDBECKIA FULGIDA	BLACK-EYED SUSAN	24	2 GAL.	AS SHOWN
	EP	ECHINACEA PURPUREA 'RUBY STAR'	CONEFLOWER - PURPLE	14	2 GAL.	AS SHOWN
	PF	PENNISETUM PISLET	GRASS - PISLET FOUNTAIN	8	2 GAL.	AS SHOWN
	AG	ASTILBE X ARENDSII 'GRANAT'	GRANAT ASTILBE	8	2 GAL.	AS SHOWN
SHRUBS	RPJ	RHODODENDRON 'P.J.M'	P.J.M RHODODENDRON	3	14"-18"	AS SHOWN
	SJ	SPIRAEA JAPONICA	LITTLE PRINCESS SPIREA	12	14"-18"	AS SHOWN
	PC	PRUNUS X CISTENA	PURPLE LEAF SANDCHERRY	10	18"-24"	AS SHOWN
	SG	SPIRAEA GOLDMOUND	GOLDMOUND SPIREA	15	14"-18"	AS SHOWN
TREES	PS	PINUS STROBUS	EASTERN WHITE PINE	9	6' MIN.	AS SHOWN
	PIAB	PICEA ABIES	NORWAY SPRUCE	7	6' MIN.	AS SHOWN
	BN	BETULA NIGRA	MULTI STEM RIVER BIRCH	2	10'-12' MIN.	AS SHOWN
	CF	CORNUS FLORIDA 'CHEROKEE CHIEF	RED FLOWERING DOGWOOD	2	3" - 3-1/2" CAL.	AS SHOWN
	GTS	GLEDITSIA TRIACANTHOS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	2	3" - 3-1/2" CAL.	AS SHOWN

DRAFT

STATE OF NEW YORK
SCOTT EDWIN KITCHNER
091096
LICENSED PROFESSIONAL ENGINEER

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STORE NAME, ABBREVIATION & NO.: HIGHBRIDGE ROAD - HBR - 400

SITE LOCATION: 1098 HIGHBRIDGE ROAD - SCHENECTADY (T/ ROTTERDAM), NY 12303

DATE	NO.	REVISIONS
3/25/24	1	REDUCE FUEL CANOPY TO 3 ISLANDS, ADD ADDITIONAL FENCE AND SCREENING

Stewart's Shops
SARATOGA SPRINGS, NY 12866
TEL. (518)581-1200 FAX (518)581-1209

DRAWN BY: JRG
SCALE: 1"=20'
DATE: 1/2/24

DRAWING NO.: S-4

TITLE: LANDSCAPE PLAN



1098 Highbridge Rd.
Schenectady (T/Rotterdam), NY 12303

"Any site plan(s), floor plan(s), rendering(s), lighting layout(s) and photometric plan(s) including but not limited to any project(s) created/produced by Red Leonard Associates Inc., are only intended for illustration and quoting purposes only. Red Leonard Associates has the right to use third party lasers, scanners, and cameras but actual project conditions, dimensions, and accuracy of measurements may differ from these or any parameters. Red Leonard Associates Inc. assumes no liability for what is created/produced in these recreations. This includes but is not limited to the use of, installation of and/or integrity of existing building(s), surrounding area for product(s) such as existing pole(s), anchor bolt(s), base(s), architectural and signage structure(s), landscaping plan(s), lighting plan(s), fixture selection(s) and placement, material(s), color accuracy, texture(s), and anything attributed to photo realism that is created. Furthermore, Red Leonard Associates Inc., does not assume liability whatsoever for any purchases made by client before, during, or at the conclusion of the published work. The customer, its relative affiliates, as well as any other person(s) in viewing of this product is responsible for verifying compliance with any but not limited to all codes, permits, restrictions, instructions, purchases, and installations of objects viewed within this document(s) or project(s). Symbols are not drawn to scale. Size is for clarity purposes only. Sizes and dimensions are approximate, actual measurements may vary. DRAWINGS ARE NOT INTENDED FOR ENGINEERING OR CONSTRUCTION USE. This document, any Red Leonard drawing(s), or project(s) is not to be used and/or intended for engineering or construction purposes, but for illustrative purposes only. Any use of this documentation and/or other articles produced by Red Leonard without written authorization from Jayme J. Leonard is strictly prohibited."

RLAtechnolgy.com
513-57 4-9500

RLATECH SOLUTIONS



1098 Highbridge Rd.
Schenectady (T/Rotterdam), NY 12303

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513-57 4-9500

RLATECH SOLUTIONS

PUBLIC HEARING #2

4/10/24

- For the enactment of Introductory Local Law No. __ of 2024; To establish a six (6) month extension to Local Law 8 of 2023 which established a six (6) month moratorium prohibiting Battery Energy Storage System installations with in the Town of Rotterdam.

DRAFT

STATE OF NEW YORK
DEPARTMENT OF STATE
ONE COMMERCE PLAZA
99 WASHINGTON AVENUE
ALBANY, NY 12231-0001
HTTPS://DOS.NY.GOV

KATHY HOCHUL
GOVERNOR

ROBERT J. RODRIGUEZ
SECRETARY OF STATE

September 29, 2023

Diane M Marco
Rotterdam Town Clerk
John F Kirvin Government Center
1100 Sunrise Boulevard
Rotterdam NY 12306

RE: Town of Rotterdam, Local Law 8 2023, filed on September 21 2023

Dear Sir/Madam:

The above referenced material was filed by this office as indicated. Additional local law filing forms can be obtained from our website, www.dos.ny.gov.

Sincerely,
State Records and Law Bureau
(518) 473-2492

DRAFT

RECEIVED
OCT 16 2023
Town of Rotterdam
TOWN CLERK'S OFFICE

Local Law No.	Adoption Date	Subject	Disposition	Supp. No.
6-2021	9-8-2021	Records, Public Access to Amendment	Ch. 225	58
7-2021	10-13-2021	Zoning Map Amendment	NCM	58
1-2022	2-23-2022	Moratorium	NCM	59
2-2022	2-23-2022	Residency Requirements Amendment	Ch. 60	59
3-2022	2-23-2022	Vehicles and Traffic Amendment	Ch. 266	59
4-2022	2-23-2022	Vehicles and Traffic Amendment	Ch. 266	59
5-2022	3-23-2022	Vehicles and Traffic Amendment	Ch. 266	59
6-2022	9-14-2022	Noise Amendment	Ch. 188	60
7-2022	10-26-2022	Vehicles and Traffic Amendment	Ch. 266	60
8-2022	11-9-2022	Zoning Amendment	Ch. 270	60
9-2022	12-14-2022	Moratorium on Solar Farms and Solar Power Plants	NCM	60
1-2023	12-27-2022	Zoning Amendment	Ch. 270	61
2-2023	1-12-2023	Residency Requirements Amendment	Ch. 60	61
3-2023	2-22-2023	Building Code Administration and Code Enforcement Program	Ch. 89	61
4-2023	3-8-2023	Taxation Amendment	Ch. 255	61
5-2023	5-24-2023	Zoning Amendment	Ch. 270	61
6-2023	5-24-2023	Water Amendment	Ch. 267	61
7-2023	8-9-2023	Hawking, Peddling and Soliciting Amendment	Ch. 150	62
8-2023	9-13-2023	Moratorium	NCM	62
9-2023	9-13-2023	Moratorium	NCM	62
10-2023	9-13-2023	Vehicles and Traffic Amendment	Ch. 266	62

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At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the Rotterdam Junction Fire Department 1215 Main Street, Rotterdam Junction, New York, 12150 on Wednesday, September 13, 2023, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 267.23

TO ENACT INTRODUCTORY LOCAL LAW NO. 8 OF 2023; ESTABLISH A SIX (6) MONTH MORATORIUM PROHIBITING BATTERY ENERGY STORAGE SYSTEM INSTALLATIONS

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI**, seconded by Councilmember **CHRISTOU**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board hereby enacts Introductory Local Law No. 8 of 2023.

SECTION 2. The Town Clerk is directed, following consultation with the Attorney to the Town, to file said Local Law in final form with the New York State Department of State.

SECTION 3. This resolution shall become effective September 13, 2023.

DATED: September 13, 2023

NAME	AYES	NOES	ABSTAIN
Christou	X		
Miller-Herrera **(Absent)**			
Dodson	X		
Mastroianni	X		
Collins	X		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolutions were approved by the Town Board of the Town of Rotterdam on September 13, 2023 and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this September 15, 2023.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office of the Town Clerk Schenectady, County NY

DRAFT

New York State Department of State
Division of Corporations, State Records and Uniform Commercial Code
One Commerce Plaza, 99 Washington Avenue
Albany, NY 12231-0001
www.dos.ny.gov

Local Law Filing

(Use this form to file a local law with the Secretary of State.)

Text of law should be given as amended. Do not include matter being eliminated and do not use italics or underlining to indicate new matter.

☐ **County** ☐ **City** ☒ **Town** ☐ **Village**
(Select one:)

of Rotterdam

Local Law No. 8 **of the year 20**23

A local law enacting a six month battery energy storage system moratorium in the Town of Rotterdam
(Insert Title)

Be it enacted by the Town Board **of the**
(Name of Legislative Body)

☐ **County** ☐ **City** ☒ **Town** ☐ **Village**
(Select one:)

of Rotterdam **as follows:**

See Attached

DRAFT

(If additional space is needed, attach pages the same size as this sheet, and number each.)

(Complete the certification in the paragraph that applies to the filing of this local law and strike out that which is not applicable.)

1. (Final adoption by local legislative body only.)
I hereby certify that the local law annexed hereto, designated as local law No. 8 of 2023 of the (~~County~~)(~~City~~)(Town)(~~Village~~) of Rotterdam was duly passed by the Town Board on September 13 2023, in accordance with the applicable
(Name of Legislative Body)
provisions of law.

2. (Passage by local legislative body with approval, no disapproval or repassage after disapproval by the Elective Chief Executive Officer*.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ and was deemed duly adopted
(Elective Chief Executive Officer)*
on _____ 20[ ][ ], in accordance w ith the applicable provisions of law.

3. (Final adoption by referendum.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ on _____ 20____.
(Elective Chief Executive Officer)*

Such local law was submitted to the people by reason of a (mandatory)(permissive) referendum, and received the affirmative vote of a majority of the qualified electors voting thereon at the (general)(special)(annual) election held on _____ 20____, in accordance with the applicable provisions of law.

4. (Subject to permissive referendum and final adoption because no valid petition was filed requesting referendum.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ on _____ 20____. Such local
(Elective Chief Executive Officer)*
law was subject to permissive referendum and no valid petition requesting such referendum was filed as of _____ 20____, in accordance with the applicable provisions of law.

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* Elective Chief Executive Officer means or includes the chief executive officer of a county elected on a county-wide basis or, if there be none, the chairperson of the county legislative body, the mayor of a city or village, or the supervisor of a town where such officer is vested with the power to approve or veto local laws or ordinances.

5. (City local law concerning Charter revision proposed by petition.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the City of _____ having been submitted to referendum pursuant to the provisions of section (36)(37) of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of such city voting thereon at the (special)(general) election held on _____ 20____, became operative.

6. (County local law concerning adoption of Charter.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the County of _____State of New York, having been submitted to the electors at the General Election of November _____ 20____, pursuant to subdivisions 5 and 7 of section 33 of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of the cities of said county as a unit and a majority of the qualified electors of the towns of said county considered as a unit voting at said general election, became operative.

(If any other authorized form of final adoption has been followed, please provide an appropriate certification.)
I further certify that I have compared the preceding local law with the original on file in this office and that the same is a correct transcript therefrom and of the whole of such original local law, and was finally adopted in the manner indicated in paragraph _____ above.

Diane M. Marr
Clerk of the county legislative body, City, Town or Village Clerk or officer designated by local legislative body

(Seal)

Date: 9-18-2023

DRAFT

LOCAL LAW ESTABLISHING A TEMPORARY LAND USE MORATORIUM PROHIBITING BATTERY ENERGY STORAGE SYSTEM INSTALLATIONS WITHIN THE TOWN OF ROTTERDAM.

Be it enacted by the Town Board of the Town of Rotterdam as follows:

SECTION 1. TITLE

This Local Law shall be known as the "Moratorium and Prohibition of Battery Energy Storage System Installations within the Town of Rotterdam."

SECTION 2. STATUTORY AUTHORITY PURPOSE AND INTENT.

This Local Law is intended to be consistent with and is adopted pursuant to the authority granted to the Town Board of the Town of Rotterdam under the New York State Constitution, and the Laws of the State of New York including but not limited to the following authorities: New York State Constitution Article IX, Section 2 (c) (ii)(6)m (10)l Municipal Home Rule Law § 10(2); Municipal Home Rule Law §10(3); Municipal Home Rule Law §10(4)(a), and (b) and (15); Town Law §135; Town Law Article 16 (Zoning & Planning) inclusive; Environmental Conservation Law §3-0301 (1)(b), 3-0301(2)(m) and 8-0113 and 6 NYCRR Part 61, also known as the State Environmental Quality Review Act as it pertains to applications that are neither excluded nor exempt from this local law.

This Local Law is land use regulation. This Local Law is intended and is hereby declared to address matters of local concern, and it is declared that it is not the intention of the Town to address matters of statewide concern. This Local Law is intended to act as and is hereby declared to exercise the permissive "incidental control" of a zoning law and land use law that is concerned with the broad area of land use planning and the physical use of land and property within the Town, including the physical externalities associated with certain land uses, such as potential negative impacts of such uses on a community.

This Local Law shall supersede and suspend those provisions of the Code of the Town of Rotterdam and New York state law which require the Planning Board and/or the Town Code Enforcement officer to accept, process, and approve land use applications within certain statutory time periods.

This Local Law is intended to temporarily prohibit the creation or siting of battery energy storage system installations (as herein later defined) within the Town of Rotterdam for a period of up to six (6) months, pending the development and adoption of local laws and/or ordinances designed to regulate and govern such installations.

The Town Board recognizes and acknowledges that the Town needs to study and analyze many considerations that affect the preparation of local legislation to regulate the future creation and siting of battery energy storage system installations. The Town Board has formally requested the Building and Zoning Department and the Planning Board and the Energy Committee of the Town of Rotterdam to identify and review local laws from other jurisdictions, and related information and source materials, in order to assist in developing the parameters of a local law to regulate battery energy storage system installations. The Town Board has directed the Town Attorney to assist in this endeavor.

The Town Board also recognized the need to review and examine its existing ordinance, local laws and Zoning Code provisions insofar as they may be affected by adoption of such local law(s) regulating the creation and/or siting of battery energy storage system installations. It is deemed necessary to enact this moratorium in order to permit the Town adequate time in which to draft suitable legislation for this

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purpose. During the term of the moratorium the Town of Rotterdam shall work to prepare and eventually adopt new land use regulations to incorporate into the Town's existing Zoning Code.

Currently, there is one pending applications for the location, development or site plan approval of battery energy storage system installation. The BlueWave Battery Site application has made significant progress through the planning process for the proposed Battery Storage Facility located at 635 Mariaville Road in the Town of Rotterdam. That application shall be exempt from this Moratorium.

During the pendency of the moratorium, the Town Board will consider how best to permit such installations so as to harmoniously integrate such installations with the existing agricultural community and landscape and to mitigate potential undesirable environmental impacts that may be associated with such use. At present, the Zoning Code of the Town of Rotterdam may not adequately regulate such land use. If the community allows such development during that time the goals of the Town could be undermined or damaged. Moratoria are useful in controlling or temporarily inhibiting development until satisfactory final regulations are adopted.

For these reasons, the Town Board finds that temporary moratorium legislation is both advisable and necessary for a reasonable and defined period of time in order to develop and adopt necessary zoning and land use changes to the Zoning Code of the Town of Rotterdam, thus protecting and furthering the public interest, health and safety.

SECTION 3. DEFINITIONS.

For purposes of this Local Law, the following terms shall have the meanings respectively set forth below:

Battery Energy Storage System Installation(s) – Any installation of a rechargeable energy storage system, consisting of electrochemical storage batteries or similar technology, battery charges, controls, power condition systems, inverters, transformers, switchgears and associated electrical equipment designed to store electoral power received from a generating or transmission source and periodically discharging power from the battery energy storage system into the power grid. Systems typically used to provide standby or emergency power and/or an uninterruptable power supply, load shedding, load sharing, or similar capabilities relating to the energy consumed by a residence, farm operation or business on site shall not be considered a "Battery Energy Storage System Installation" for purposes of the Moratorium.

SECTION 4. TEMPORARY MORATORIUM and PROHIBITION.

A. Unless permitted pursuant to Section 5 hereafter, from and after the date of this Local Law, no application for a permit, zoning permit, special permit, zoning variance, building permit, operating permit, site plan approval, subdivision approval, certificate of occupancy, certificate of compliance, temporary certificate, or other Town-level approval of any nature shall be accepted, processed, entertained, approved, approved conditionally, or issued by any board, employee, official or agent of the Town of Rotterdam, for the construction establishment or use or operation of any land, body of water, building, or other structure located within the Town of Rotterdam, for any Battery Energy Storage System Installation, as defined above, except for the projects specifically exempted by this moratorium.

B. Unless permitted pursuant to Section 5 hereafter, from the after the date of this Local Law, no person, entity or business shall use, cause, or permit to be used, any land, body of water, building, or other

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structure located within the Town of Rotterdam for any Battery Energy Storage System Installation, as defined above.

C. The prohibitions set forth above in Clauses A. and B. of this Section 4. Are not intended, and shall not be construed, to prevent or prohibit the use and development of battery energy storage systems that are typically used to provide standby or emergency power and/or an uninterruptable power supply, load shedding, load sharing, or similar capabilities and that are for personal or individual use on or about any residence or place of business, or any farm operation.

D. This moratorium and prohibition shall be in effect beginning on the effective date of this Local Law and shall expire on the earlier of (i) that date which is six (6) months after said effective date; or (ii) the effective date of a Town Board resolution affirmatively stating the Town Board has determined that the need for this moratorium and prohibition no longer exists.

E. This moratorium and prohibition shall apply to all real property within the Town of Rotterdam, and all land use applications for the siting or creation of Battery Energy Storage System Installation within the Town of Rotterdam.

F. Under no circumstances shall the failure of the Town Board of the Town of Rotterdam, the Zoning Board of Appeals of the Town of Rotterdam, the Planning Board of the Town of Rotterdam, or the Code Enforcement Officer for the Town of Rotterdam to take any action upon any application for a permit, zoning permit, special permit, zoning variance, building permit, operating permit, site plan approval, subdivision approval, certificate of occupancy, certificate of compliance, temporary certificate, or any other Town level approval related to Battery Energy Storage System Installation constitute an approval by default or an approval by virtue of expiration of time to respond to such application.

SECTION 5. HARDSHIP VARIANCE RELIEF FROM APPLICABILITY OF MORATORIUM.

Applications for land use otherwise subject to this moratorium may be exempted from the provisions of this Local Law following a noticed public hearing before the Town Board. It is specifically intended that this moratorium shall supersede New York State law which would otherwise confer exclusive variance authority to the Zoning Board of Appeals. Following a written request for hardship variance relief, within sixty (60) days of receipt of such request, a noticed public hearing shall be held, at which hearing the Town Board may, but is not limited to consider:

A. The proximity of applicant's premises or the subject of applicant's request for relief to natural resources, including but not limited to prime agricultural soils, wetland areas, conservation districts and other areas of environmental concern.

B. The impact of the proposed application on the applicant's premises and upon the surrounding area.

C. Compatibility of the proposed application with the existing land use and character of the area in general proximity to the subject of the application, and its effect upon aesthetic resources of the community.

D. Compatibility of the proposed application with the recommendations of any administrative body charged with such review by the Town of Rotterdam.

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E. The written opinion of the Town of Rotterdam Planning Board and the Town of Rotterdam Code Enforcement Officer that such application may be jeopardized or made impractical by waiting until the moratorium is expired.

F. Evidence specifying in detail the nature and level of any alleged hardship imposed on the property owner(s) as result of this moratorium.

G. Such other considerations and issues as may be raised by the Town Board.

In making a determination concerning a proposed exemption or grant of relief from application of the moratorium, the Town Board may obtain and consider reports and information from any source it deems to be helpful with review of said application. A grant of relief from application of the moratorium shall include a determination of unreasonable hardship upon the property owner (or if there are multiple property owners, a determination that each such owner shall suffer an unreasonable hardship) which is unique to the property owner(s), a finding that there are sufficient existing regulations to adequately govern the application for which a hardship waiver is being requested, and a finding that the grant or an exemption will be in harmony with, and will be consistent with an existing Town of Rotterdam Zoning Ordinance and the recommendation of the Comprehensive Plan as such may exist.

An application for relief from the prohibitions of the moratorium shall be accompanied by fee a $500, together with the applicant's written undertaking in a form to be approved by the Attorney for the Town, to pay all of the expenses of the Town Board and any agent or consultant retained by the Town Board to evaluate and consider the merits of such application, including but not limited to any fees incurred by the Town of services provided by the Attorney of the Town.

SECTION 6. PENALTIES.

A. Failure to comply with any of the provisions of this Local Law shall be an unclassified misdemeanor as contemplated by Article 10 and Section 80.05 of the New York State Penal Law, and, upon conviction thereof, shall be punishable by a fine of not more than One Thousand Five Hundred Dollars ($1,500) or imprisonment for not more than 10 days, or both for the first offense. Any subsequent offense within a three-month period shall be punishable by a fine of not more than Two Thousand Five Hundred Dollars ($2,500) or imprisonment for a period of not more than 30 days, or both. For purposes of this Clause:

A. each day that a violation of this Local Law exists shall constitute a separate and distinct offense.

B. Compliance with this Local Law may also be compelled and violations restrained by order or by injection of a court of competent jurisdiction, in an action brought on behalf of the Town by the Town Board.

C. In the event the Town is required to take legal action to enforce this Local Law, the violator will be responsible for any and all costs incurred by the Town relative thereto, including attorney's fees, and such amount shall be determined and assessed by the court. If such expense is not paid in full within 30 days from the date it is determined and assessed by the Court, such expense shall be charged to the propert(ies) within the Town on which the violation occurred, by including such expense in the next

DRAFT

annual Town tax levy against such property, and such expense shall be lien upon such property until paid.

SECTION 7. CONFLICTS.

For and during the stated term of this legislation, unless the stated term thereof shall be modified or abridged by the Town Board, this moratorium shall take precedence over and shall control over any contradictory local law, ordinance, regulation for Zoning Ordinance provision.

SECTION 8. SEVERABILITY.

If any word, phrase, sentence, part, section, subsection, or other portion of this Local Law, or the application thereof to any person or to any circumstance, is adjudged or declared invalid or unenforceable by a court or other tribunal of competent jurisdiction, then, and in such event, such judgement or declaration shall be continued in its interpretation and operation only to the provision of this Local Law that is directly involved in the controversy in which such judgment or declaration is rendered, and such judgement or declaration of invalidity or unenforceability shall not affect or impair the validity or enforceability of the remainder of this Local Law or the application hereof to any other persons or circumstances. If necessary, as to such person or circumstances such invalid or unenforceable provision shall be and be deemed severed here from, and the Town Board of the Town hereby declares that it would have enacted this Local Law, or the remainder thereof, even if, as to provisions and persons or circumstances, a portion hereof is severed or declared invalid or unenforceable.

SECTION 9. EFFECTIVE DATE.

The effective date of this Local Law shall be immediately upon its filing with the Secretary of State.

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PUBLIC HEARING #3

4/10/24

- For the enactment of Introductory Local Law No. __ of 2024; To establish a six (6) month extension to Local Law 9 of 2023 which established a six (6) month moratorium prohibiting wind generation system installations with in the Town of Rotterdam.

DRAFT

TOWN OF ROTTERDAM

Diane M. Marco
Town Clerk

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 Ext. 352 • Fax: 518-355-7837 • Website: www.rotterdamny.org
Email * dmarco@rotterdamny.org

DRAFT

September 18, 2023

New York State Department of State
Bureau of State Records and Law
One Commerce Plaza
99 Washington Avenue
Albany, NY 12231-0001

RE: Filing of Town of Rotterdam Local Law 9-2023 Moratorium Prohibiting wind generation system installations

To Whom It May Concern:

Enclosed are forms required to file Local Law 9-2023, adopted by the Town Board of the Town of Rotterdam meeting held on September 13, 2023.

If you are in need of anything else please feel free to call my office.

Sincerely,

Diane M. Marco
Town Clerk

Enclosure

Local Law No.	Adoption Date	Subject	Disposition	Supp. No.
6-2021	9-8-2021	Records, Public Access to Amendment	Ch. 225	58
7-2021	10-13-2021	Zoning Map Amendment	NCM	58
1-2022	2-23-2022	Moratorium	NCM	59
2-2022	2-23-2022	Residency Requirements Amendment	Ch. 60	59
3-2022	2-23-2022	Vehicles and Traffic Amendment	Ch. 266	59
4-2022	2-23-2022	Vehicles and Traffic Amendment	Ch. 266	59
5-2022	3-23-2022	Vehicles and Traffic Amendment	Ch. 266	59
6-2022	9-14-2022	Noise Amendment	Ch. 188	60
7-2022	10-26-2022	Vehicles and Traffic Amendment	Ch. 266	60
8-2022	11-9-2022	Zoning Amendment	Ch. 270	60
9-2022	12-14-2022	Moratorium on Solar Farms and Solar Power Plants	NCM	60
1-2023	12-27-2022	Zoning Amendment	Ch. 270	61
2-2023	1-12-2023	Residency Requirements Amendment	Ch. 60	61
3-2023	2-22-2023	Building Code Administration and Code Enforcement Program	Ch. 89	61
4-2023	3-8-2023	Taxation Amendment	Ch. 255	61
5-2023	5-24-2023	Zoning Amendment	Ch. 270	61
6-2023	5-24-2023	Water Amendment	Ch. 267	61
7-2023	8-9-2023	Hawking, Peddling and Soliciting Amendment	Ch. 150	62
8-2023	9-13-2023	Moratorium	NCM	62
9-2023	9-13-2023	Moratorium	NCM	62
10-2023	9-13-2023	Vehicles and Traffic Amendment	Ch. 266	62

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At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the Rotterdam Junction Fire Department 1215 Main Street, Rotterdam Junction, New York, 12150 on Wednesday, September 13, 2023, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 268.23

TO ENACT INTRODUCTORY LOCAL LAW NO. 9 OF 2023; ESTABLISH A SIX (6) MONTH MORATORIUM PROHIBITING WIND GENERATION SYSTEM INSTALLATIONS

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **CHRISTOU**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board hereby enacts Introductory Local Law No. 9 of 2023.

SECTION 2. The Town Clerk is directed, following consultation with the Attorney to the Town, to file said Local Law in final form with the New York State Department of State.

SECTION 3. This resolution shall become effective September 13, 2023.

DATED: September 13, 2023

NAME	AYES	NOES	ABSTAIN
Christou	X		
Miller-Herrera **(Absent)**			
Dodson	X		
Mastroianni	X		
Collins	X		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolutions were approved by the Town Board of the Town of Rotterdam on September 13, 2023 and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this September 15, 2023.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office of the Town Clerk Schenectady, County NY

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LOCAL LAW ESTABLISHING A TEMPORARY LAND USE MORATORIUM PROHIBITING WIND GENERATION SYSTEM INSTALLATIONS WITHIN THE TOWN OF ROTTERDAM.

Be it enacted by the Town Board of the Town of Rotterdam as follows:

SECTION 1. TITLE

This Local Law shall be known as the "Moratorium and Prohibition of Wind Generation System Installations within the Town of Rotterdam."

SECTION 2. STATUTORY AUTHORITY PURPOSE AND INTENT.

This Local Law is intended to be consistent with and is adopted pursuant to the authority granted to the Town Board of the Town of Rotterdam under the New York State Constitution, and the Laws of the State of New York including but not limited to the following authorities: New York State Constitution Article IX, Section 2 (c) (ii)(6)m (10)l Municipal Home Rule Law § 10(2); Municipal Home Rule Law §10(3); Municipal Home Rule Law §10(4)(a), and (b) and (15); Town Law §135; Town Law Article 16 (Zoning & Planning) inclusive; Environmental Conservation Law §3-0301 (1)(b), 3-0301(2)(m) and 8-0113 and 6 NYCRR Part 61, also known as the State Environmental Quality Review Act as it pertains to applications that are neither excluded nor exempt from this local law.

This Local Law is land use regulation. This Local Law is intended and is hereby declared to address matters of local concern, and it is declared that it is not the intention of the Town to address matters of statewide concern. This Local Law is intended to act as and is hereby declared to exercise the permissive "incidental control" of a zoning law and land use law that is concerned with the broad area of land use planning and the physical use of land and property within the Town, including the physical externalities associated with certain land uses, such as potential negative impacts of such uses on a community.

This Local Law shall supersede and suspend those provisions of the Code of the Town of Rotterdam and New York state law which require the Planning Board and/or the Town Code Enforcement officer to accept, process, and approve land use applications within certain statutory time periods.

This Local Law is intended to temporarily prohibit the creation or siting of wind generation system installations (as herein later defined) within the Town of Rotterdam for a period of up to six (6) months, pending the development and adoption of local laws and/or ordinances designed to regulate and govern such installations.

The Town Board recognizes and acknowledges that the Town needs to study and analyze many considerations that affect the preparation of local legislation to regulate the future creation and siting of wind generation system installations. The Town Board has formally requested the Building and Zoning Department and the Planning Board and the Energy Committee of the Town of Rotterdam to identify and review local laws from other jurisdictions, and related information and source materials, in order to assist in developing the parameters of a local law to regulate wind generation system installations. The Town Board has directed the Town Attorney to assist in this endeavor.

The Town Board also recognized the need to review and examine its existing ordinance, local laws and Zoning Code provisions insofar as they may be affected by adoption of such local law(s) regulating the creation and/or siting of wind generation system installations. It is deemed necessary to enact this moratorium in order to permit the Town adequate time in which to draft suitable legislation for this

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purpose. During the term of the moratorium the Town of Rotterdam shall work to prepare and eventually adopt new land use regulations to incorporate into the Town's existing Zoning Code.

Currently, there are no pending applications for the location, development or site plan approval of a wind generation system.

During the pendency of the moratorium, the Town Board will consider how best to permit such installations so as to harmoniously integrate such installations with the existing agricultural community and landscape and to mitigate potential undesirable environmental impacts that may be associated with such use. At present, the Zoning Code of the Town of Rotterdam may not adequately regulate such land use. If the community allows such development during that time the goals of the Town could be undermined or damaged. Moratoria are useful in controlling or temporarily inhibiting development until satisfactory final regulations are adopted.

For these reasons, the Town Board finds that temporary moratorium legislation is both advisable and necessary for a reasonable and defined period of time in order to develop and adopt necessary zoning and land use changes to the Zoning Code of the Town of Rotterdam, thus protecting and furthering the public interest, health and safety.

SECTION 3. DEFINITIONS.

For purposes of this Local Law, the following terms shall have the meanings respectively set forth below:

Wind Generation System Installation- Any installation that converts the kinetic energy available in the wind to mechanical energy that can be used to operate an electrical generator. wind generation systems specifically do not include any system utilized for the on-site consumption of a business or residence that does not generate more than 5 kWh of electrical power in total.

SECTION 4. TEMPORARY MORATORIUM and PROHIBITION.

A. Unless permitted pursuant to Section 5 hereafter, from and after the date of this Local Law, no application for a permit, zoning permit, special permit, zoning variance, building permit, operating permit, site plan approval, subdivision approval, certificate of occupancy, certificate of compliance, temporary certificate, or other Town-level approval of any nature shall be accepted, processed, entertained, approved, approved conditionally, or issued by any board, employee, official or agent of the Town of Rotterdam, for the construction establishment or use or operation of any land, body of water, building, or other structure located within the Town of Rotterdam, for any wind generation system Installation, as defined above, except for the projects specifically exempted by this moratorium.

B. Unless permitted pursuant to Section 5 hereafter, from the after the date of this Local Law, no person, entity or business shall use, cause, or permit to be used, any land, body of water, building, or other structure located within the Town of Rotterdam for any wind generation system installation, as defined above.

C. The prohibitions set forth above in Clauses A. and B. of this Section 4. Are not intended, and shall not be construed, to prevent or prohibit the use and development of wind generation systems that are typically used to provide standby or emergency power and/or an uninterruptable power supply, load shedding, load sharing, or similar capabilities and that are for personal or individual use on or about any residence or place of business, or any farm operation.

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D. This moratorium and prohibition shall be in effect beginning on the effective date of this Local Law and shall expire on the earlier of (i) that date which is six (6) months after said effective date; or (ii) the effective date of a Town Board resolution affirmatively stating the Town Board has determined that the need for this moratorium and prohibition no longer exists.

E. This moratorium and prohibition shall apply to all real property within the Town of Rotterdam, and all land use applications for the siting or creation of wind generation system installation within the Town of Rotterdam.

F. Under no circumstances shall the failure of the Town Board of the Town of Rotterdam, the Zoning Board of Appeals of the Town of Rotterdam, the Planning Board of the Town of Rotterdam, or the Code Enforcement Officer for the Town of Rotterdam to take any action upon any application for a permit, zoning permit, special permit, zoning variance, building permit, operating permit, site plan approval, subdivision approval, certificate of occupancy, certificate of compliance, temporary certificate, or any other Town level approval related to wind generation system installation constitute an approval by default or an approval by virtue of expiration of time to respond to such application.

SECTION 5. HARDSHIP VARIANCE RELIEF FROM APPLICABILITY OF MORATORIUM.

Applications for land use otherwise subject to this moratorium may be exempted from the provisions of this Local Law following a noticed public hearing before the Town Board. It is specifically intended that this moratorium shall supersede New York State law which would otherwise confer exclusive variance authority to the Zoning Board of Appeals. Following a written request for hardship variance relief, within sixty (60) days of receipt of such request, a noticed public hearing shall be held, at which hearing the Town Board may, but is not limited to consider:

A. The proximity of applicant's premises or the subject of applicant's request for relief to natural resources, including but not limited to prime agricultural soils, wetland areas, conservation districts and other areas of environmental concern.

B. The impact of the proposed application on the applicant's premises and upon the surrounding area.

C. Compatibility of the proposed application with the existing land use and character of the area in general proximity to the subject of the application, and its effect upon aesthetic resources of the community.

D. Compatibility of the proposed application with the recommendations of any administrative body charged with such review by the Town of Rotterdam.

E. The written opinion of the Town of Rotterdam Planning Board and the Town of Rotterdam Code Enforcement Officer that such application may be jeopardized or made impractical by waiting until the moratorium is expired.

F. Evidence specifying in detail the nature and level of any alleged hardship imposed on the property owner(s) as result of this moratorium.

G. Such other considerations and issues as may be raised by the Town Board.

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In making a determination concerning a proposed exemption or grant of relief from application of the moratorium, the Town Board may obtain and consider reports and information from any source it deems to be helpful with review of said application. A grant of relief from application of the moratorium shall include a determination of unreasonable hardship upon the property owner (or if there are multiple property owners, a determination that each such owner shall suffer an unreasonable hardship) which is unique to the property owner(s), a finding that there are sufficient existing regulations to adequately govern the application for which a hardship waiver is being requested, and a finding that the grant or an exemption will be in harmony with, and will be consistent with an existing Town of Rotterdam Zoning Ordinance and the recommendation of the Comprehensive Plan as such may exist.

An application for relief from the prohibitions of the moratorium shall be accompanied by fee a $500, together with the applicant's written undertaking in a form to be approved by the Attorney for the Town, to pay all of the expenses of the Town Board and any agent or consultant retained by the Town Board to evaluate and consider the merits of such application, including but not limited to any fees incurred by the Town of services provided by the Attorney of the Town.

SECTION 6. PENALTIES.

A. Failure to comply with any of the provisions of this Local Law shall be an unclassified misdemeanor as contemplated by Article 10 and Section 80.05 of the New York State Penal Law, and, upon conviction thereof, shall be punishable by a fine of not more than One Thousand Five Hundred Dollars ($1,500) or imprisonment for not more than 10 days, or both for the first offense. Any subsequent offense within a three-month period shall be punishable by a fine of not more than Two Thousand Five Hundred Dollars ($2,500) or imprisonment for a period of not more than 30 days, or both. For purposes of this Clause:

A. each day that a violation of this Local Law exists shall constitute a separate and distinct offense.

B. Compliance with this Local Law may also be compelled and violations restrained by order or by injection of a court of competent jurisdiction, in an action brought on behalf of the Town by the Town Board.

C. In the event the Town is required to take legal action to enforce this Local Law, the violator will be responsible for any and all costs incurred by the Town relative thereto, including attorney's fees, and such amount shall be determined and assessed by the court. If such expense is not paid in full within 30 days from the date it is determined and assessed by the Court, such expense shall be charged to the propert(ies) within the Town on which the violation occurred, by including such expense in the next annual Town tax levy against such property, and such expense shall be lien upon such property until paid.

SECTION 7. CONFLICTS.

For and during the stated term of this legislation, unless the stated term thereof shall be modified or abridged by the Town Board, this moratorium shall take precedence over and shall control over any contradictory local law, ordinance, regulation for Zoning Ordinance provision.

SECTION 8. SEVERABILITY.

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If any word, phrase, sentence, part, section, subsection, or other portion of this Local Law, or the application thereof to any person or to any circumstance, is adjudged or declared invalid or unenforceable by a court or other tribunal of competent jurisdiction, then, and in such event, such judgement or declaration shall be continued in its interpretation and operation only to the provision of this Local Law that is directly involved in the controversy in which such judgment or declaration is rendered, and such judgement or declaration of invalidity or unenforceability shall not affect or impair the validity or enforceability of the remainder of this Local Law or the application hereof to any other persons or circumstances. If necessary, as to such person or circumstances such invalid or unenforceable provision shall be and be deemed severed here from, and the Town Board of the Town hereby declares that it would have enacted this Local Law, or the remainder thereof, even if, as to provisions and persons or circumstances, a portion hereof is severed or declared invalid or unenforceable.

SECTION 9. EFFECTIVE DATE.

The effective date of this Local Law shall be immediately upon its filing with the Secretary of State.

DRAFT

New York State Department of State
Division of Corporations, State Records and Uniform Commercial Code
One Commerce Plaza, 99 Washington Avenue
Albany, NY 12231-0001
www.dos.ny.gov

Local Law Filing

(Use this form to file a local law with the Secretary of State.)

Text of law should be given as amended. Do not include matter being eliminated and do not use italics or underlining to indicate new matter.

☐ **County** ☐ **City** ☒ **Town** ☐ **Village**
(Select one:)

of Rotterdam

Local Law No. 9 **of the year 20**23

A local law enacting a six month wind energy moratorium in the Town of Rotterdam
(Insert Title)

Be it enacted by the Town Board **of the**
(Name of Legislative Body)

☐ **County** ☐ **City** ☒ **Town** ☐ **Village**
(Select one:)

of Rotterdam **as follows:**

See Attached

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(If additional space is needed, attach pages the same size as this sheet, and number each.)

(Complete the certification in the paragraph that applies to the filing of this local law and strike out that which is not applicable.)

1. (Final adoption by local legislative body only.)
I hereby certify that the local law annexed hereto, designated as local law No. 9 of 2023 of the (~~County~~)(~~City~~)(Town)(~~Village~~) of Rotterdam was duly passed by the Town Board on September 13 2023, in accordance with the applicable
(Name of Legislative Body)
provisions of law.

2. (Passage by local legislative body with approval, no disapproval or repassage after disapproval by the Elective Chief Executive Officer*.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ and was deemed duly adopted
(Elective Chief Executive Officer)*
on _____ 20☐☐, in accordance w ith the applicable provisions of law.

3. (Final adoption by referendum.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ on _____ 20____.
(Elective Chief Executive Officer)*
Such local law was submitted to the people by reason of a (mandatory)(permissive) referendum, and received the affirmative vote of a majority of the qualified electors voting thereon at the (general)(special)(annual) election held on _____ 20____, in accordance with the applicable provisions of law.

4. (Subject to permissive referendum and final adoption because no valid petition was filed requesting referendum.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ on _____ 20____. Such local
(Elective Chief Executive Officer)*
law was subject to permissive referendum and no valid petition requesting such referendum was filed as of _____ 20____, in accordance with the applicable provisions of law.

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* Elective Chief Executive Officer means or includes the chief executive officer of a county elected on a county-wide basis or, if there be none, the chairperson of the county legislative body, the mayor of a city or village, or the supervisor of a town where such officer is vested with the power to approve or veto local laws or ordinances.

5. (City local law concerning Charter revision proposed by petition.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the City of _____ having been submitted to referendum pursuant to the provisions of section (36)(37) of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of such city voting thereon at the (special)(general) election held on _____ 20____, became operative.

6. (County local law concerning adoption of Charter.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the County of _____State of New York, having been submitted to the electors at the General Election of November _____ 20____, pursuant to subdivisions 5 and 7 of section 33 of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of the cities of said county as a unit and a majority of the qualified electors of the towns of said county considered as a unit voting at said general election, became operative.

(If any other authorized form of final adoption has been followed, please provide an appropriate certification.)
I further certify that I have compared the preceding local law with the original on file in this office and that the same is a correct transcript therefrom and of the whole of such original local law, and was finally adopted in the manner indicated in paragraph _____ above.

_____
Clerk of the county legislative body, City, Town or Village Clerk or officer designated by local legislative body

Date: 9-18-2023

(Seal)

DRAFT

RESOLUTION NO. 164.24

TO ACCEPT TOWN BOARD MEETING MINUTES

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby adopts the minutes of the Town Board Meeting of March 27, 2024 as attached.

SECTION 2. This resolution shall become effective April 10, 2024

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE: April 2, 2024
TO**:** Mollie A. Collins, Supervisor

FROM: Diane M. Marco, Town Clerk

TITLE OF LEGISLATIVE REQUEST: To adopt meeting minutes the Town Board Meeting of March 27, 2024.

TO BE PLACED ON TOWN BOARD AGENDA OF: April 10, 2024.

TO BE PLACED ON TOWN BOARD MEETING OF**:** April 10, 2024.

Background Information: Attached. To adopt the Town Board Meeting of March 27, 2024.

Evaluation/Analysis: N/A

Recommendation(s): To place on Town Board agenda and Town Board meeting of April 10, 2024.

Attachment/Document(s): Attached

Compliance with Purchasing Policy: N/A

Effect(s) on Existing Law(s): N/A

LEGISLATION WAS PREPARED BY: Town Clerk Diane M. Marco

DRAFT

TOWN OF ROTTERDAM

DIANE M. MARCO

Town Clerk

John F. Kirvin Government Center * 1100 Sunrise Boulevard * Rotterdam, NY 12306
Telephone: (518) 355-7575 Ext: 352 * Fax: (518)355-7837* Website: www.rotterdamny.org
Email * dmarco@rotterdamny.org

DRAFT

April 1, 2024

Certified Resolutions: #146.24-#163.24 for the year 2024 was duly adopted at the Town Board Meeting held at J.F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, NY 12306 that was held Wednesday, March 27, 2024 at 7:00 p.m. The Town Board Agenda Meeting started at approximately 6:30 p.m. and was adjourned at approximately 7:39 p.m. by Councilmember Dodson and seconded by Councilmember Mastroianni. All agreed to adjourn the Town Board Agenda Meeting. The Town Board Meeting started at approximately 7:40 p.m**.** Motion #20 was made by Councilmember Schlag and seconded by Councilmember Mastroianni. Motion #21 was made by Councilmember Mastroianni and seconded by Councilmember Schlag. Motion #22 was made by Councilmember Mastroianni and seconded by Councilmember Schlag. Motion #23 was made by Councilmember Dodson and seconded by Councilmember Mastroianni. Motion #24 was made by Councilmember Gallucci and seconded by Councilmember Dodson. Motion #25 was made by Councilmemebr Dodson and seconded by Councilmember Gallucci**.** Motion #26 was made by Councilmember Mastroianni and seconded by Councilmember Schlag. Motion #27 was made by Councilmember Mastroianni and seconded by Councilmember Dodson**.** Motion was made to exit executive session at approximately 10:06 pm by Councilmember Dodson and seconded by Councilmember Schlag. The Town Board meeting adjourned at approximately 10:07pm. All agreed to adjourn the Town Board Meeting.

All Councilmembers were present

Diane M. Marco

Diane M. Marco, Town Clerk

MEETING OF THE
ROTTERDAM TOWN BOARD

March 27, 2024
7:00 PM
Agenda Review 6:30 PM

CALL TO ORDER
ROLL CALL
PLEDGE OF ALLEGIANCE
SUPERVISOR'S REMARKS: Supervisor Mollie A. Collins
EXECUTIVE SESSION
PROCLAMATIONS
PRESENTATIONS

- 2023 Report of the Conservation Advisory Council
- Kiwanis International Park Waterfront Access Improvements Update

PUBLIC HEARING

- To recognize the introduction of Introductory Local Law No. __ of 2024; To amend section 266-42, entitled "Schedule II: One-Way Streets" of the Code of the Town of Rotterdam, eliminating one-way traffic flow on Laura St. between Guilderland Ave. and Pauline Ave.

  PUBLIC HEARING CLOSED

PUBLIC COMMENT – PRIVILEGE OF THE FLOOR:
Those members of the public wishing to address the Town Board will be asked to sign in before the meeting is called to order on the sign-in sheets being provided. Speakers will be called to the podium in the order of their signing in. Persons recognized by the Chair to speak during privilege of the floor shall direct his/her comments to the Town Supervisor as Chair of the meeting. Persons granted the privilege of the floor shall first clearly state his/her name and address for the record. Persons so addressing the Chair through the use of a prepared written statement shall submit a copy of the same to the Town Clerk for the purpose of maintaining clear and accurate official minutes of the Town Board meeting.

GENERAL RULES OF PROCEDURE FOR PUBLIC HEARINGS & PRIVILEGE OF THE FLOOR:
Any person recognized by the Town Supervisor to speak during privilege of the floor shall direct his/her comments to the Town Supervisor as chair of the meeting. Any person granted the privilege of the floor shall first clearly state his/her name and address for the record. The purpose of privilege of the floor shall be for speakers to express their views, thoughts and speak freely. Each speaker, who wishes to address the town board, shall have an equal and reasonable opportunity to be heard by the town board. Each speaker shall be afforded a maximum of four (4) minutes to address the town board.

DRAFT

INTRODUCTION OF MOTIONS, ORDERS AND RESOLUTIONS
RESOLUTIONS

MOTIONS

20.24 I make a motion to add to the agenda to appoint Michael Mansion as Town Designated Attorney to retain supplemental counsel**. FAILED**

21.24 I make a motion to add to our executive session to include members of our Carman Fire Department and code enforcement that are here to discuss fire code violations. **FAILED**

22.24 I make a motion to add to executive session to discuss safety issues at Super 8 Motel and fire code violations that are present in the building. **FAILED**

23.24 I make a motion to close the public hearing**.**

24.24 I make a motion to table resolution 147.24. **TABLED**

25.24 I make a motion to table resolution 148.24. **TABLED**

26.24 I make a motion to go into executive session to discuss privilege information and strategy parallel to public safety. **FAILED**

27.24 I make a motion to go into executive session.

RESOLUTIONS

146.24 To accept Town Board meeting minutes. *Pg. 10*

147.24 To adopt a Negative Declaration on aChange of Zone application from Single Family Residential (R-1) to Light Industrial (I-1) on tax parcel #59.7-10-1-12 located at the corner of Tower Avenue and Chrisler Avenue. *Pg. 55*

148.24 To enact Introductory Local Law No.3 of 2024: To amend chapter 270 , Zoning, of the Town Code, for a Change of Zone of approximately +-0.35 acres from Single Family residential (R-1) to Light Industrial (I-1), located at the corner of Tower Avenue and Chrisler Avenue (Tax Map No.59.7-10-1.12), to facilitate the construction of a +-2,000 square foot storage garage. *Pg. 71*

149.24 To enact Introductory Local Law No. 4 of 2024; To amend section 266.42, entitled "Schedule II: One-Way Streets" of the Code of the Town of Rotterdam, eliminating One-Way Traffic flow on Laura Street between Guilderland Avenue and Pauline Avenue. *Pg.81*

150.24 Authorize the Supervisor to negotiate and execute a Memorandum of Understanding (MOU) with the County of Schenectady for NYS Discovery and Bail Reform Funds. *Pg. 84*

151.24 Adoption of the Town of Rotterdam Complete Streets Policy. *Pg. 89*

DRAFT

152.24 To negotiate and execute Amendment No. 1 to an existing agreement with Labella for Sewer District No. 7 and related extensions for an updated map plan and report. *Pg. 102*

153.24 To negotiate and execute Amendment No. 1 to an existing agreement with Labella for Sewer District No. 7 Extension No. 1. Benefit Assessment Determination. *Pg. 116*

154.24 To recognize the introduction of Introductory Local Law __ of 2024; To amend chapter 270, Zoning, of the Town Code, to extend the existing Main Street/Neighborhood Center (MS/NC) overlay district; Declare Lead Agency and referring same to the Planning Commission for report and recommendation. *Pg. 127*

155.24 To negotiate and execute an agreement with Prime AE for professional engineering services related to a leak detection survey for Water District No. 5. *Pg. 141*

156.24 To negotiate and execute Amendment Two to an existing agreement with Prime AE for the Water District No. 3 & No. 4 Water System Improvements for CDS funding assistance. *Pg. 150*

157.24 A resolution in connection with authorizing and submitting a New York State Water Infrastructure Improvement Act Grant Application for the Town of Rotterdam Water Districts No. 3 & No. 4 Water System Improvements Project. *Pg. 172*

158.24 A resolution in connection with the Town of Rotterdam accepting Lead Agency status pursuant to the State Environmental Quality Review Act (SEQRA) regulations 6NYCRR Part 617 for the Rotterdam Junction Water District No. 3 & No. 4 Water System Improvements Project. *Pg. 175*

159.24 To authorize an agreement with Mohawk Valley Society Local 85-133 for live music at the 2024 Summer Concert Series. *Pg. 178*

160.24 To negotiate and execute an agreement with Environmental Systems Research Institute, Inc. (esri) for GIS annual licensing subscription services. *Pg. 182*

161.24 To authorize Change Orders No. 5 with Bunkoff General Contractors Inc. for the Rotterdam Town Hall Renovations. *Pg. 187*

162.24 To recognize the Introduction of Local Law No. __ of 2024; To extend Local Law No. 8 of 2023 and schedule a public hearing thereon. *Pg. 190*

163.24 To recognize the Introduction of Local Law No. __ of 2024; To extend Local Law No. 9 of 2023 and schedule a public hearing thereon. *Pg. 204*

DRAFT

LIAISON REPORTS
MISCELLANEOUS
EXECUTIVE SESSION

- Personnel matter related to employee 02142024 with invited guest Nathaniel Nichols Esq. and Larry LaMora

ADJOURNMENT

Mollie A. Collins, Supervisor

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following motion failed:

MOTION 20.24 FAILED

THEREFORE, UPON MOTION OF Councilmember **SCHLAG**, seconded by Councilmember **MASTROIANNI**,
BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. I make a motion to the floor to the agenda to appoint Michael Mansion as Town Designated Attorney. To retain supplemental counsel as a result of increased needing for outstanding prosecution for individuals or entities that are not in compliance with Chapter 89 of the town code enforcement and administration.

SECTION 2. This motion shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson		X	
Mastroianni	X		
Gallucci		X	
Schlag	X		
Collins		X	

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York**, DO HEREBY CERTIFY** that the foregoing motion failed by the Town Board of the Town of Rotterdam on March 27, 2024 and that the foregoing motion is a true and correct transcript of the original motion and of the whole thereof and that said motion is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1, 2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office of the Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following motion failed:

MOTION 21.24 FAILED

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI**, seconded by Councilmember **SCHLAG**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. I make a motion to add to our executive session to include members of our Carman Fire Department and code enforcement that are here to discuss fire code violations.

SECTION 2. This motion shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson		**X**	
Mastroianni	**X**		
Gallucci		**X**	
Schlag	**X**		
Collins		**X**	

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York**, DO HEREBY CERTIFY** that the foregoing motion failed by the Town Board of the Town of Rotterdam on March 27, 2024 and that the foregoing motion is a true and correct transcript of the original motion and of the whole thereof and that said motion is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1, 2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office Of The Town Clerk Schenectady, County NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following motion failed:

MOTION 22.24 FAILED

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI**, seconded by Councilmember **SCHLAG**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. I make a motion to add to executive session to discuss safety issues at Super 8 Motel and fire code violations that are present in the building.

SECTION 2. This motion shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson		**X**	
Mastroianni	**X**		
Gallucci		**X**	
Schlag	**X**		
Collins		**X**	

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York**, DO HEREBY CERTIFY** that the foregoing motion failed by the Town Board of the Town of Rotterdam on March 27, 2024 and that the foregoing motion is a true and correct transcript of the original motion and of the whole thereof and that said motion is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1, 2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office Of The Town Clerk Schenectady, County NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following motion passed:

MOTION 23.24

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **MASTROIANNI**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. I make a motion to close the Public Hearing.

SECTION 2. This motion shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York**, DO HEREBY CERTIFY** that the foregoing motion was approved by the Town Board of the Town of Rotterdam on March 27, 2024 and that the foregoing motion is a true and correct transcript of the original motion and of the whole thereof and that said motion is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1, 2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office Of The Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following motion passed:

MOTION 24.24

THEREFORE, UPON MOTION OF Councilmember **GALLUCCI**, seconded by Councilmember **DODSON**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. I make a motion to table resolution 147.24.

SECTION 2. This motion shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York**, DO HEREBY CERTIFY** that the foregoing motion was approved by the Town Board of the Town of Rotterdam on March 27, 2024 and that the foregoing motion is a true and correct transcript of the original motion and of the whole thereof and that said motion is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1, 2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office Of The Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following motion passed:

MOTION 25.24

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **GALLUCCI**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. I make a motion to table resolution 148.24.

SECTION 2. This motion shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York**, DO HEREBY CERTIFY** that the foregoing motion was approved by the Town Board of the Town of Rotterdam on March 27, 2024 and that the foregoing motion is a true and correct transcript of the original motion and of the whole thereof and that said motion is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1, 2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM
Office Of The Town Clerk
Schenectady, County, NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following motion failed:

MOTION 26.24 FAILED

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI**, seconded by Councilmember **SCHLAG**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. I make a motion to go into executive session to discuss privilege information and strategy parallel to public safety.

SECTION 2. This motion shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson		X	
Mastroianni	X		
Gallucci		X	
Schlag	X		
Collins		X	

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York**, DO HEREBY CERTIFY** that the foregoing motion failed by the Town Board of the Town of Rotterdam on March 27, 2024 and that the foregoing motion is a true and correct transcript of the original motion and of the whole thereof and that said motion is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1, 2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office Of The Town Clerk Schenectady, County NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following motion passed:

MOTION 27.24

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI**, seconded by Councilmember **DODSON**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. I make a motion to go into executive session.

SECTION 2. This motion shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York**, DO HEREBY CERTIFY** that the foregoing motion was approved by the Town Board of the Town of Rotterdam on March 27, 2024 and that the foregoing motion is a true and correct transcript of the original motion and of the whole thereof and that said motion is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1, 2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office Of The Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 146.24

TO ACCEPT TOWN BOARD MEETING MINUTES

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **SCHLAG**,
BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby adopts the minutes of the Town Board Meeting of March 13, 2024 as attached.

SECTION 2. This resolution shall become effective March 27, 2024

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office of the Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was tabled:

RESOLUTION NO. 147.24 TABLED

TO ADOPT A NEGATIVE DECLARATION ON A CHANGE OF ZONE APPLICATION FROM SINGLE FAMILY RESIDENTIAL (R-1) TO LIGHT INDUSTRIAL (I-1) ON TAX PARCEL #59.7-10-1.12 LOCATED AT THE CORNER OF TOWER AVENUE AND CHRISLER AVENUE

THEREFORE, UPON MOTION OF Councilmember **GALLUCCI,** seconded by Councilmember **DODSON,**

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam herby adopts the Negative Declaration dated March 27, 2024, as prepared by the Senior Planner, for a Change of Zone request on approximately 0.35 acres of from Single Family Residential (R-1) to Light Industrial (I-1) to construct a ±2,000 square foot storage garage on the corner of Tower Avenue and Chrisler Avenue, Tax Map No. 59.7-10-1.12.

SECTION 2. The Town Board hereby authorizes the Senior Planner to distribute all documents necessary to comply with 6 NYCRR Part 612.12 (State Environmental Quality Review).

SECTION 3. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

DRAFT

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was tabled by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk



DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was tabled:

RESOLUTION NO. 148.24 TABLED

TO ENACT INTRODUCTORY LOCAL LAW NO. 3 OF 2024; TO AMEND CHAPTER 270, ZONING, OF THE TOWN CODE, FOR A CHANGE OF ZONE OF APPROXIMATELY ±0.35 ACRES FROM SINGLE FAMILY RESIDENTIAL (R-1) TO LIGHT INDUSTRIAL (I-1), LOCATED AT THE CORNER OF TOWER AVENUE AND CHRISLER AVENUE (TAX MAP NO. 59.7-10-1.12), TO FACILITATE THE CONSTRUCTION OF A ±2,000 SQUARE FOOT STORAGE GARAGE

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **GALLUCCI**,
BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board hereby enacts Introductory Local Law No. 3 of 2024.

SECTION 2. The Town Clerk is directed, following consultation with the Attorney to the Town, to file said Local Law in final form with the New York State Department of State.

SECTION 3. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

DRAFT

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was tabled by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk



DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 149.24

TO ENACT INTRODUCTORY LOCAL LAW NO. 4 OF 2024; TO AMEND SECTION 266-42, ENTITLED "SCHEDULE II: ONE-WAY STREETS" OF THE CODE OF THE TOWN OF ROTTERDAM, ELIMINATING ONE-WAY TRAFFIC FLOW ON LAURA STREET BETWEEN GUILDERLAND AVENUE AND PAULINE AVENUE

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **MASTROIANNI**,
BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board hereby enacts Introductory Local Law No. 4 of 2024.

SECTION 2. The Town Clerk is directed, following consultation with the Attorney to the Town, to file said Local Law in final form with the New York State Department of State.

SECTION 3. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	X		
Mastroianni	X		
Gallucci	X		
Schlag	X		
Collins	X		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office Of The Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 150.24

AUTHORIZE THE SUPERVISOR TO NEGOTIATE AND EXECUTE A MEMORANDUM OF UNDERSTANDING (MOU) WITH THE COUNTY OF SCHENECTADY FOR NYS DISCOVERY AND BAIL REFORM FUNDS

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI**, seconded by Councilmember **SCHLAG**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute a memorandum of understanding (MOU) with the County of Schenectady, for the distribution of funds awarded to support local law enforcement agencies with expenditures related to the implementation of NYS discovery and bail reforms.

SECTION 3. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	X		
Mastroianni	X		
Gallucci	X		
Schlag	X		
Collins	X		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office of the Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 151.24

ADOPTION OF THE TOWN OF ROTTERDAM COMPLETE STREETS POLICY

WHEREAS, The Complete Streets Act (Chapter 398, Laws of New York) was signed into law on August 15, 2011 and requires state, county and local agencies to consider the convenience and mobility of all users when developing transportation projects that receive state and federal funding; NOW

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **MASTROIANNI**,
BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. That the Town Board of the Town of Rotterdam hereby adopts the Town of Rotterdam Complete Streets Policy for future projects that receive federal and/or state funding and would also apply to future private development projects where complete street principles should be included to provide a positive benefit to the overall transportation system.

SECTION 2. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco
Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office Of The Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 152.24

TO NEGOTIATE AND EXECUTE AMENDMENT NO. 1 TO AN EXISTING AGREEMENT WITH LABELLA FOR SEWER DISTRICT NO. 7 AND RELATED EXTENSIONS FOR AN UPDATED MAP PLAN AND REPORT

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **GALLUCCI**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute Amendment No. 1 to an existing agreement with Labella, located at 4 British American Blvd, Latham, NY 12110, for professional engineering services for the Sewer District No. 7 and related extensions, for an updated Map, Plan and Report, in an amount not to exceed eight thousand eight hundred seventy five and 00/100 ($8,875.00) dollars, for a new total agreement amount not to exceed thirty eight thousand seven hundred twenty five and 00/100 ($38,725.00) dollars.

SECTION 2. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office Of The Town Clerk Schenectady, County NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 153.24

TO NEGOTIATE AND EXECUTE AMENDMENT NO. 1 TO AN EXISTING AGREEMENT WITH LABELLA FOR SEWER DISTRICT NO. 7 EXTENSION NO. 1 BENEFIT ASSESSMENT DETERMINATION

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **GALLUCCI**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute Amendment No. 1 to an existing agreement with Labella, located at 4 British American Blvd, Latham, NY 12110, for professional engineering services for the Sewer District No. 7 Extension No.1 for supplemental services related to the Benefit Assessment Determination, in an amount not to exceed three thousand five hundred and 00/100 ($3,500.00) dollars, for a new total agreement amount not to exceed thirteen thousand six hundred sixty and 00/100 ($13,660.00) dollars.

SECTION 2. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office Of The Town Clerk Schenectady, County NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 154.24

TO RECOGNIZE THE INTRODUCTION OF INTRODUCTORY LOCAL LAW __ OF 2024; TO AMEND CHAPTER 270, ZONING, OF THE TOWN CODE, TO EXTEND THE EXISTING MAIN STREET/NEIGHBORHOOD CENTER (MS/NC) OVERLAY DISTRICT; DECLARE LEAD AGENCY AND REFERRING SAME TO THE PLANNING COMMISSION FOR REPORT AND RECOMMENDATION

WHEREAS, the Town of Rotterdam does not currently adequately address Mixed Use Developments in the Guilderland Avenue Corridor north of Curry Road; and

WHEREAS, it is desired to extend the existing Main Street/Neighborhood Center (MS/NC) overlay district from the intersection of Curry Road and Guilderland Avenue north to the boundary with the City of Schenectady, and will coincide with the existing Retail Business (B-1) zoning.; NOW

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI,** seconded by Councilmember **SCHLAG,**
BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby recognizes the introduction of Introductory Local Law __ of 2024; To amend chapter 270, Zoning, of the Town Code to extend the existing Main Street/Neighborhood Center (MS/NC) overlay district from the intersection of Curry Road and Guilderland Avenue north to the boundary with the City of Schenectady.

SECTION 2. The Town Board of the Town of Rotterdam hereby declares the Town Board as Lead Agency under 6NYCRR Part 617 SEQR (State Environmental Quality Review) in connection to the proposed change of zone to extend the existing Main Street/Neighborhood Center (MS/NC) overlay district from the intersection of Curry Road and Guilderland Avenue north to the boundary with the City of Schenectady, and authorizes the Senior Planner to distribute all documents necessary to comply with 6 NYCRR Part 612.12 (State Environmental Quality Review).

SECTION 3. The Town Board hereby refers this Introductory Local Law of 2024 to the Planning Commission of the Town of Rotterdam for report and recommendation thereon.

SECTION 4. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

DRAFT

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk



DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 155.24

TO NEGOTIATE AND EXECUTE AN AGREEMENT WITH PRIME AE FOR PROFESSIONAL ENGINEERING SERVICES RELATED TO A LEAK DETECTION SURVEY FOR WATER DISTRICT NO. 5

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Supervisor **COLLINS**,
BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute an agreement with Prime AE, located at 100 Great Oaks Boulevard, Suite 114 Albany, New York 12203, for Professional Engineering Services related to a Leak Detection Survey for Water District No. 5, in the amount not to exceed fifty-seven thousand eight hundred fifty and 00/100 ($57,850.00) dollars.

SECTION 4. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco
Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office Of The Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 156.24

TO NEGOTIATE AND EXECUTE AMENDMENT TWO TO AN EXISTING AGREEMENT WITH PRIME AE FOR THE WATER DISTRICT NO. 3 & NO. 4 WATER SYSTEM IMPROVEMENTS FOR CDS FUNDING ASSISTANCE

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **SCHLAG**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute amendment two, to an existing agreement with Prime AE, located at 100 Great Oaks Boulevard, Suite 114, Albany, NY 12203, for professional engineering services for the Water District No. 3 & No. 4 Water System Improvements for additional services related to assisting the Town with the Congressional Directed Spending (CDS) funding application assistance work, in the amount not to exceed one thousand seven hundred and 00/100 ($1,700.00) dollars, for a new total agreement amount not to exceed ninety eight thousand seven hundred and 00/100 ($98,700.00) dollars.

SECTION 2. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office Of The Town Clerk Schenectady, County, NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 157.24

A RESOLUTION IN CONNECTION WITH AUTHORIZING AND SUBMITTING A NEW YORK STATE WATER INFRASTRUCTURE IMPROVEMENT ACT GRANT APPLICATION FOR THE TOWN OF ROTTERDAM WATER DISTRICTS NO. 3 & NO. 4 WATER SYSTEM IMPROVEMENTS PROJECT

WHEREAS, the Town of Rotterdam wishes to apply for New York State Water Infrastructure Improvement Act Grant funding under the New York State Environmental Facilities Corporation State Revolving Fund; and

WHEREAS, the Town of Rotterdam has determined that a need exists to make improvements to the existing Water Districts No. 3 & No. 4 water systems; NOW

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **MASTROIANNI**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town of Rotterdam hereby applies for New York State Water Infrastructure Improvement Act Grant Funds to undertake the Water Districts No. 3 & No. 4 Water System Improvements Project.

SECTION 2. The Supervisor of the Town of Rotterdam is hereby authorized and directed to sign any and all documents necessary for the submission of said application to the New York State Environmental Facilities Corporation, and any other sources of grant and or loan funding.

SECTION 3. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

DRAFT

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk



DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 158.24

A RESOLUTION IN CONNECTION WITH THE TOWN OF ROTTERDAM ACCEPTING LEAD AGENCY STATUS PURSUANT TO THE STATE ENVIRONMENTAL QUALITY REVIEW ACT (SEQRA) REGULATIONS 6NYCRR PART 617 FOR THE ROTTERDAM JUNCTION WATER DISTRICT NO. 3 & NO. 4 WATER SYSTEM IMPROVEMENTS PROJECT

WHEREAS, the Town of Rotterdam has determined that a need exists to make improvements to the existing water system in Rotterdam Junction Water District No. 3 & No. 4; and

WHEREAS, the Town of Rotterdam is in the planning stages for various water system improvements as documented in a preliminary engineering report entitled "Rotterdam Junction Water District No. 3 & No. 4 Water System Evaluation Report" dated January 2024 prepared by PRIME AE Group of New York; and

WHEREAS, the preliminary engineering report prepared by PRIME AE Group of New York recommended water source and distribution improvements with a total estimated cost of $8,577,000; and

WHEREAS, the Town of Rotterdam will apply for funding opportunities from various agencies for this project including but not limited to New York State Environmental Facilities Corporation Drinking Water State Revolving Fund and Water Infrastructure Improvements Act and the Congressional Directed Spending Fund and

WHEREAS, as part of the approval process, the Town of Rotterdam Town Board must comply with regulations required under the State Environmental Quality Review Act (SEQRA); NOW,

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **MASTROIANNI**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby accepts Lead Agency Status pursuant to SEQRA Regulations 6NYCRR Part 617 and authorizes PRIME AE Group of New York to assist with the coordinated review of this project, and other matters related to SEQRA.

SECTION 2. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

DRAFT

NAME	AYES	NOES	ABSTAIN
Dodson	X		
Mastroianni	X		
Gallucci	X		
Schlag	X		
Collins	X		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM
Office Of The Town Clerk
Schenectady, County NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 159.24

TO AUTHORIZE AN AGREEMENT WITH MOHAWK VALLEY SOCIETY LOCAL 85-133 FOR LIVE MUSIC AT THE 2024 SUMMER CONCERT SERIES

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI,** seconded by Supervisor **COLLINS,**

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute an agreement with Mohawk Valley Society for Live Music, Local 85-133, located at 32 Paul Street, East Greenbush, New York, 12061, to provide music for the 2024 Summer Concert Series held at the Rotterdam Senior Center, 2639 Hamburg Street, Schenectady, New York 12303, on Monday evenings, beginning June 3, 2024 and ending August 12, 2024, in an amount not to exceed six thousand and 00/100 dollars ($6,000.00) dollars.

SECTION 2. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY Office Of The Town Clerk Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 160.24

TO NEGOTIATE AND EXECUTE AN AGREEMENT WITH ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. (ESRI) FOR GIS ANNUAL LICENSING SUBSCRIPTION SERVICES

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **GALLUCCI**,
BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute an agreement with Environmental Systems Research Institute, Inc. (esri), located at 380 New York Street, Redlands, CA 92373, to provide Geographic Information System (GIS) mapping software for an annual licensing subscription with esri, in the amount not to exceed six thousand two hundred seventy-nine 08/100 ($6,279.08) dollars.

SECTION 2. This resolution shall become effective on March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY Office Of The Town Clerk Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 161.24

TO AUTHORIZE CHANGE ORDERS NO. 5 WITH BUNKOFF GENERAL CONTRACTORS INC. FOR THE ROTTERDAM TOWN HALL RENOVATIONS

THEREFORE, UPON MOTION OF Councilmember **DODSON**, seconded by Councilmember **GALLUCCI**,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute Change Orders No. 5 with Bunkoff General Contractors Inc, located at 790 Watervliet Shaker Road, Latham, NY 12110, for the Rotterdam Town Hall Renovations, Contract 1 – General Construction, for a cost increase of $4,584.00 for the removal of existing exterior sheathing and installation of new exterior sheathing, for a new contract sum totaling one million, one hundred fifty three thousand, two hundred sixty one and 00/100 ($1,153,261.00) dollars.

SECTION 2. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM Office Of The Town Clerk Schenectady, County NY

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 162.24

TO RECOGNIZE THE INTRODUCTION OF LOCAL LAW NO. __ OF 2024; TO EXTEND LOCAL LAW NO. 8 OF 2023 AND SCHEDULE A PUBLIC HEARING THEREON

WHEREAS, the Town of Rotterdam desires to review the Town's Zoning Code and land use regulations and to recommend modifications to the local law regarding the installation of Battery Energy Storage Systems within the Town of Rotterdam; and

WHEREAS, changes to said law would permit an enhanced and easily understood code, to achieve the objectives of the Comprehensive Plan and encourage consistent and fair application of laws pertaining to such operations; and

WHEREAS, the Town of Rotterdam Energy Advisory Committee has been working diligently at creating a Town Battery Energy Storage System Code within the Town of Rotterdam; and

WHEREAS, The Town Board finds that it is necessary to extend the Battery Energy Storage System Installation prohibition for another six (6) months; NOW

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI,** seconded by Councilmember **DODSON,**

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board recognizes the introduction of Introductory Local Law No. __ of 2024; To establish a six (6) month extension to Local Law 8 of 2023 which established a six (6) month moratorium prohibiting Battery Energy Storage System installations with in the Town of Rotterdam.

SECTION 2. The Town Clerk of the Town of Rotterdam is hereby directed to publish in the official newspaper of the Town of Rotterdam not less than ten (10) days prior to the date designated for the public hearing provided for hereby the following notice:

TOWN OF ROTTERDAM
NOTICE OF HEARING

PLEASE TAKE NOTICE: That the Town Board of the Town of Rotterdam will hold a public hearing at the John F. Kirvin Government Center, Town Hall, 1100 Sunrise Boulevard, Rotterdam, New York 12306 at 7:00 p.m. on the 10th day of April, 2024 for the following purpose:

> For the enactment of Introductory Local Law No. __ of 2024; To establish a six (6) month extension to Local Law 8 of 2023 which established a six (6) month moratorium prohibiting Battery Energy Storage System installations with in the Town of Rotterdam.

BY ORDER OF THE ROTTERDAM TOWN BOARD
DIANE M. MARCO, TOWN CLERK

DRAFT

DATED: March 27, 2024
Daily Gazette: Please publish once on March 29, 2024
Town Clerk
Post

SECTION 3. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM NY
Office Of The Town Clerk
Schenectady, County

DRAFT

At the regularly scheduled public meeting of the Town Board of the Town of Rotterdam, held at the John F. Kirvin Government Center, 1100 Sunrise Boulevard, Rotterdam, New York 12306 on Wednesday, March 27, 2024, at 7:00 p.m., the following resolution was duly adopted:

RESOLUTION NO. 163.24

TO RECOGNIZE THE INTRODUCTION OF LOCAL LAW NO. __ OF 2024; TO EXTEND LOCAL LAW NO. 9 OF 2023 AND SCHEDULE A PUBLIC HEARING THEREON

WHEREAS, the Town of Rotterdam desires to review the Town's Zoning Code and land use regulations and to recommend modifications to the local law regarding the installation of Wind Generation Systems within the Town of Rotterdam; and

WHEREAS, changes to said law would permit an enhanced and easily understood code, to achieve the objectives of the Comprehensive Plan and encourage consistent and fair application of laws pertaining to such operations; and

WHEREAS, the Town of Rotterdam Energy Advisory Committee has been working diligently to create a Wind Generation System Installations Code within the Town of Rotterdam; and

WHEREAS, the Town Board finds it necessary to extend the temporary moratorium on Wind Generation System installations for a further period of six (6) months; NOW

THEREFORE, UPON MOTION OF Councilmember **MASTROIANNI,** seconded by Councilmember **SCHLAG,**

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board recognizes the introduction of Introductory Local Law No. __ of 2024; To establish a six (6) month extension to Local Law 9 of 2023 which established a six (6) month moratorium prohibiting Wind Generation System installations with in the Town of Rotterdam.

SECTION 2. The Town Clerk of the Town of Rotterdam is hereby directed to publish in the official newspaper of the Town of Rotterdam not less than ten (10) days prior to the date designated for the public hearing provided for hereby the following notice:

TOWN OF ROTTERDAM
NOTICE OF HEARING

PLEASE TAKE NOTICE: That the Town Board of the Town of Rotterdam will hold a public hearing at the John F. Kirvin Government Center, Town Hall, 1100 Sunrise Boulevard, Rotterdam, New York 12306 at 7:00 p.m. on the 10th day of April, 2024 for the following purpose:

> For the enactment of Introductory Local Law No. __ of 2024; To establish a six (6) month extension to Local Law 9 of 2023 which established a six (6) month moratorium prohibiting wind generation system installations with in the Town of Rotterdam.

BY ORDER OF THE ROTTERDAM TOWN BOARD
DIANE M. MARCO, TOWN CLERK

DRAFT

DATED: March 27, 2024
Daily Gazette: Please publish once on March 29, 2024
Town Clerk
Post

SECTION 3. This resolution shall become effective March 27, 2024.

DATED: March 27, 2024

NAME	AYES	NOES	ABSTAIN
Dodson	**X**		
Mastroianni	**X**		
Gallucci	**X**		
Schlag	**X**		
Collins	**X**		

I, Diane M. Marco, Town Clerk of the Town of Rotterdam, Schenectady County, New York, **DO HEREBY CERTIFY** that the foregoing resolution was approved by the Town Board Meeting of the Town of Rotterdam on March 27, 2024, and that the foregoing resolution is a true and correct transcript of the original resolution and of the whole thereof and that said resolution is on file in the Town Clerk's office.

I DO FURTHER CERTIFY that each of the members of the Town Board had due notice of the said Town Board meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Rotterdam this April 1,2024.

Diane M. Marco

Diane M. Marco, Town Clerk

TOWN OF ROTTERDAM
Office Of The Town Clerk
Schenectady, County, NY

DRAFT

RESOLUTION NO. 165.24

TO APPOINT SARAH HUNT TO THE POSITION OF CONFIDENTIAL ASSISTANT TO THE COMPTROLLER

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. Sarah Hunt of Middleburgh, New York is hereby appointed to the position of Confidential Assistant to the Comptroller, full time, with full employee benefits and subject to pre-employment background checks, at an annual salary of $63,000.00, with a year performance review, based upon a 35-hour work week, with ten and one half (10 ½) of those hours being off premises, commencing April 11, 2024.

SECTION 2. Sarah Hunt shall receive all of the benefits afforded CSEA members, excluding annual C.O.L.A.'s and the ability to earn overtime and/or compensatory time.

SECTION 3 . This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

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TOWN OF ROTTERDAM

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE: April 5, 2024

TO: Town Board

FROM: Mollie Collins, Supervisor

TITLE OF REQUEST: Appoint Sarah Hunt to the position of Confidential Assistant to the Comptroller

TOWN BOARD MEETING: April 10, 2024

Background Information: Ms. Hunt was previously employed by the Town of Rotterdam. She has experience in many aspects of municipal accounting.

Evaluation/Analysis: Ms. Hunt would be an asset to the Comptroller's Office. Her experience with payroll, retirement, payables and other financial records and reports will increase the effectiveness of the department.

Recommendation(s): Recommend to appoint Sarah Hunt to the position of Confidential Assistant to the Comptroller.

Attachment/Document(s): See attached documents.

Compliance with Purchasing Policy: N/A

Effect(s) on Existing Law(s): N/A

LEGISLATION WILL BE PREPARED BY: Supervisors Office

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Schenectady County is an Equal Opportunity Employer. Schenectady County does not unlawfully discriminate in employment because of age, race, creed, color, national origin, sex, sexual orientation, disability, marital status, arrest and/or criminal conviction record unless based on a bona fide occupational qualification or other exception, genetic predisposition, or domestic violence victim status.

Schenectady County

Human Resources & Civil Service
620 State Street
Schenectady, NY 12305-2114

APPLICATION FOR EXAMINATION OR EMPLOYMENT

FOR COUNTY OFFICES, TOWNS, VILLAGES, SCHOOL DISTRICTS LIBRARIES AND SPECIAL DISTRICTS

Date Received _____ Approved _____

Conditional _____ Disapproved _____

CIVIL SERVICE DEPT. USE ONLY

1. Confidential Assistant _____
POSITION TITLE

_____
EXAM NUMBER

This application is part of your examination. Answer all questions fully. A resume, if submitted, cannot substitute for the application. You are encouraged to read the General Conditions and Instructions for more information.

2. Name and Legal Residence

Hunt | Sarah | R
Last Name | First Name | Middle Initial

[redacted]
Street Address or Road | R.D. # or P.O. Box #

County | City, Town, Village | State | Zip

Home Phone Num [redacted]

Email Address: [redacted]

If mailing address is different:

Street Address or Road | R.D. # or P.O. Box #

County | City, Town, Village | State | Zip

Social Security Number [redacted]

3. Police Officer & Firefighter Candidates Only

Date of Birth (MM/DD/YYYY [redacted]

4. Residency Requirements: Candidates must meet the Residency Requirements as stated on the examination announcement. You must complete the following to determine if you meet these residency requirements. Indicate how long this has been your legal residence, up to the date of this application, showing that you meet the residency requirements as announced.

	Name	Years	Months
State of:	New York	[redacted]	
County of:	Schoharie		
Village of:	Middleburgh		
Town of:			
City of:			
School District			

5.Citizenship

A. Are you currently a U.S. Citizen? **YES** ☒ **NO** ☐

B. If not, do you have the legal right to accept Employment in the United States? **YES** ☐ **NO** ☐
Please give alien registration number:
_____

C. Are you a retiree from New York State or any civil division thereof? **YES** ☐ **NO** ☒

6. Special Testing Arrangements (Refer to General Conditions and Instructions). If you need Special Accommodations to take the examination, contact the Civil Service Office at (518) 388-4233.

Religious ☐ **Military** ☐ **Disability** ☐

7. Crossfiler - If you have filed or are filing SEPARATE applications for Civil Service Examinations being held on the same date, attach the CROSSFILER APPLICATION. Call to make arrangements no later than two weeks before the test date.

8. Driver's License: Complete the following if a license to operate a motor vehicle is required for the position that you are applying.

License #:	[redacted]
Restrictions:	
Expiration Date:	
Endorsements:	
Class of License:	D
Is this License Currently Valid	**YES** ☒ **NO** ☐

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ALL STATEMENTS ARE SUBJECT TO VERIFICATION

9. Veterans Credits: If you wish to apply for Veterans Credits, complete the following questions and complete the Application for Veterans Credits (Refer to General Conditions and Instructions).

	YES	NO
Have you ever served in the Armed Forces of the United States? *(The Armed Forces means the Army, Navy, Marine Corps, Air Force, and Coast Guard, including all components thereof and the National Guard when in the service of the US pursuant to call as provided by Law on a full-time active duty basis other than active duty for training purposes).*		X
Have you ever used additional credits as a disabled or non-disabled veteran for appointment to any position in the public employment of New York State or any of its civil divisions?		X
Do you have a service connected disability rated at 10% or more by the U.S. Department of Veterans Affairs? This disability must have been incurred during a Time of War period listed above.		X
After you were permanently appointed using non-disabled veteran credits, were you subsequently certified as having a service connected disability rated at 10% or more by the U.S. Department of Veterans Affairs?		X
Are you currently a resident of New York State?	X	

10. Additional Questions: Check the appropriate box to the right of each question.

	YES	NO
Were you dismissed or discharged from any employment for reasons other than lack of work or funds?	X	
Did you ever resign from any employment rather than face dismissal?		X
Did you ever receive a discharge from the Armed Forces of the United States which was other than "Honorable" or which was issued under the other than honorable circumstances?		X
Have you ever been convicted of any crime (felony or misdemeanor)?		X
Are you now under charges for any crime?		X
Have you ever forfeited bail bond posted to guarantee your appearance in court to answer any criminal charge?		X

If you answered yes to any of the above questions, you may give specifics below. If you elect not to provide specifics, or if such explanation is insufficient, you may be required to submit further information. None of the above circumstances represents an automatic bar to employment. Each case is considered and evaluated on individual merits in relation to the position (s) for which you are applying.

REMARKS: I was let go from American Standard the first time I applied to the Town of Rotterdam after they found out my resume was still on Indeed, they said it showed I was not happy there so they were letting me go

11. Licenses: If a license, certificate or other authorization to practice a trade or profession is listed as a requirement on the announcement of the examination (s) for which you are applying.

Name of Trade or Profession:			Specialty:		
License Number:					
Granted by (Licensing Agency):			City/State		
Date License First Issued:		Registered From:		Registered To:	

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12. Education: If credit is claimed for a partially completed college curriculum or correspondence course, attach a list of courses and credit or semester hours completed. Indicate how many credit hours or courses are required for graduation. If required to indicate specific course work, do so on an attached sheet.

High School	
Have you ever graduated from High School or do you have possession of a High School Equivalency Diploma?	YES ☒ NO ☐
If Yes, Name and Location of High School or Issuing Government Authority:	Middleburgh Central School, Middleburgh NY
Equivalency Diploma Number:	Regents Diploma with honors

College, University, Professional or Technical School

Name of School	Number of College Credits	Degree Earned	Major Subject/ Courses	Did You Graduate? Yes	Did You Graduate? No	Date Degree Expected or Received
SUNY Cobleskill		AA	Social Sciences	x		[redacted]
SUNY Cobleskill		BBA	Business Administration	x		

13. Experience: All sections must be filled out completely even if you attach a resume. Begin with the most recent employment. List all employment or military service that shows that you meet the minimum qualifications for the examination. Omissions or vagueness will not be interpreted in your favor. Under *Description of Duties,* clearly describe the nature of work which you personally performed. Part-time experience will be prorated unless otherwise stated on the examination announcement. Verified and documented volunteer experience will only be credited when specifically stated on the examination announcement. *If you move to a different position within the same organization, indicate so in a separate employment box.* You may attach additional sheets if you need more space.

Length of Employment	Firm Name:	Schoharie County
From: [redacted] / /Year (mm/yyyy)	Firm Address:	276 Main Street, Schoharie NY
To: / Month/Year (mm/yyyy)	**Description of Duties:**	Managing the day to day of the office, answering phones, filing, ordering supplies, entering requisitions for both the County Admin and for the Planning Department. Assisting with year end budget process, preparing agenda for finance committee, taking minutes for Economic development committee, worked on homeless committee. Also on the MUNIS implementation team.
Employment Details		
Your Exact Title: Confidential Assistant to The County Administrator		
Name of Your Supervisor: Korsah Akumfi		
Supervisor's Title: County Administrator		
Hours worked / wk. (exclusive of overtime): 37.5		
Reason for Leaving: I would like to help get things back on track		

Length of Employment	Firm Name:	Town of Rotterdam
From: [redacted] ear (mm/yyyy)	Firm Address:	Sunset Blvd, Rotterdam NY
To: ear (mm/yyyy)	**Description of Duties:**	Weekly and Biweekly payroll Filed NYS retirement report Went back several years to adjust time and contributions for NYS retirement Created several spreadsheets to help PR run more efficiently
Employment Details		
Your Exact Title: Payroll Audit Clerk		
Name of Your Supervisor: Marcus Montgomery		
Supervisor's Title: Comptroller		
Hours worked / wk. (exclusive of overtime): 35		
Reason for Leaving: Was offered a job closer to home that paid more		

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Length of Employment	Firm Name:	American Standard Manufacturing
From [redacted]	Firm Address:	Industrial Park Ln., Central Bridge NY
To: [redacted] Month/Year (mm/yyyy)	**Description of Duties:**	Payroll AP AR General Office Work
Month/Year (mm/yyyy)		
Employment Details		
Your Exact Title: Bookkeeper		
Name of Your Supervisor: Dominic Vickary		
Supervisor's Title: CEO/Owner		
Hours worked / wk. (exclusive of overtime): 40		
Reason for Leaving: Let go because they thought I was not happy		

Length of Employment	Firm Name:	Golub Corporation
From: [redacted]	Firm Address:	Nott Street, Schenectady
To: [redacted] Month/Year (mm/yyyy)	**Description of Duties:**	Process all utility invoices for Price Chopper/Market 32 Stores Maintain several excel spreadsheets to track pertinent information
Month/Year (mm/yyyy)		
Employment Details		
Your Exact Title: Account Clerk		
Name of Your Supervisor: James McGuire		
Supervisor's Title: Senior Accountant		
Hours worked / wk. (exclusive of overtime): 40		
Reason for Leaving: Found a job closer to home		

THIS AFFIRMATION MUST BE COMPLETED

I affirm, subject to the penalties of perjury, that the statements made in this application, including statements made in any accompanying papers, are true. I understand that all statements made by me in connection with this application are subject to investigation and verification and that a material misstatement or fraud may disqualify me from appointment and/or lead to revocation of my appointment. I give the employer the right to investigate all references and to secure additional job related information about me. I hereby release from liability the employer and its representatives for seeking such information and all other persons, corporations or organizations for furnishing such information. If the position I am applying for is covered by the employer's drug testing policy, I understand that as a condition of appointment to this position, I will be required to take and successfully pass a pre-employment drug test.

Sarah Hunt — Signature of Applicant

Sarah Hunt — Print Name

04/02/2024 — Date

(State below any other name by which you have been known)

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CONFIDENTIAL ASSISTANT TO THE COMPTROLLER – Town of Rotterdam

DISTINGUISHING FEATURES OF THE CLASS: This position involves the responsibility for performing a variety of account keeping activities, as well as secretarial and clerical duties. The work requires independently performing various phases of the work on a microcomputer and related equipment in the performance of daily tasks. General supervision is received from the Comptroller, with wide leeway allowed for the exercise of independent judgment in carrying out the details of the work. Supervision may be exercised over clerical staff. The incumbent performs related work as required.

TYPICAL WORK ACTIVITIES:

- Writes journal entries;
- Maintains a wide variety of confidential financial records and reports and instructs employees in the specialized details of this work;
- Files and maintains all financial disclosure statements;
- Designs procedures, forms and instructions for auditing uses;
- Prepares and analyzes a variety of complex financial records and reports including confidential budget and salary analysis;
- Assists in the preparation of annual department operating budgets and ensures the maintenance of necessary financial controls;
- Assists with the submission and monitoring of various insurance claims;
- Supervises and assists with the processing of invoices and receipts;
- Revises, systemizes, installs, maintains, and coordinates training regarding account keeping systems and procedures using purchased software;
- Maintains Payroll and Accounting Software user access rights;
- Develops and monitors internal controls and cash receipt procedures for various departments;
- Monitors cash flow and investments and transfers funds;
- Assists with monitoring the budget and with budget modifications;
- Supervises and assists with the preparation of monthly budget and financial reports and distributes to departments and Elected Officials;
- Coordinates the administrative duties and functions of the Office of the Comptroller;
- Prepares correspondence in connection with fiscal matters;
- Administers procurement card programs; HRA reconciliation; workers' compensation payments;
- Prepares GASB and OPEB documents and assists Comptroller with Annual Financial Report;
- Operates calculator, microcomputer and other related office machines;
- Performs a variety of related duties as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good knowledge of modern methods of keeping and reviewing financial accounts and records; Good knowledge of office terminology, procedures and equipment; thorough knowledge of business arithmetic and English; ability to elicit the cooperation of others in accomplishing goals; ability to operate a microcomputer and adapt purchased software to accounting and auditing situations; ability to understand and follow oral and written instructions; ability to handle routine administrative details independently; ability to prepare correspondence and reports; good judgment; a high degree of accuracy; microcomputer literacy.

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MINIMUM QUALIFICATIONS:

(A) Graduation from a regionally accredited or New York State registered college with an Associate's degree in accounting or a closely related field and one (1) year of experience in maintaining financial accounts and records; OR

(B) Graduation from high school or possession of a high school equivalency diploma and three (3) years of experience as described in (A) above; OR

(C) An equivalent combination of training and experience as defined by the limits of (A), and (B).

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RESOLUTION NO. 166.24

TO ACCEPT REVENUE FOR TOWN CLERK'S OFFICE FOR MARCH 2024

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Clerk's report for the month of March 2024, has been placed on file and the Town Clerk's check in the amount of three thousand eight hundred ninety-nine dollars and 31/100 ($3,899.31) has been submitted to the supervisor for deposit.

SECTION 2. This resolution shall become effective April 10, 2024

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

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LEGISLATIVE REQUEST FORM

DATE: April 3, 2024

TO: Mollie A. Collins, Supervisor

FROM: Diane M. Marco, Town Clerk

TITLE OF LEGISLATIVE REQUEST: Revenue received for March $3,899.31 in the Town Clerks office.

TO BE PLACED ON TOWN BOARD AGENDA OF: April 10, 2024

TO BE PLACED ON TOWN BOARD MEETING OF: April 10, 2024

Background Information: Attached

Evaluation/Analysis: Increase revenue for the Town.

Recommendation(s): To place on the Town Board Agenda and Town Board meeting of April 10, 2024

Attachment/Documents(s): Attached

Compliance with Purchasing Policy: N/A

Effect(s) on Existing Law(s): N/A

LEGISLATION WAS PREPARED BY: Diane M. Marco, Town Clerk

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Town Clerk Monthly Report
March 01, 2024 - March 31, 2024

Account Description	Fee Description	Account#	Qty	Local Share
Conservation	Conservation	A1255	6	11.40
			Sub-Total:	**$11.40**
Dog Licensing	Exempt Dog	A2544	2	0.00
Dog Licensing	Female, Spayed	A2544	80	1,120.00
Dog Licensing	Female, Unspayed	A2544	13	221.00
Dog Licensing	Male, Neutered	A2544	95	1,330.00
Dog Licensing	Male, Unneutered	A2544	19	323.00
Dog Licensing	Replacement Tags	A2544	2	6.00
			Sub-Total:	**$3,000.00**
Ez pass	Ez Pass	A1255	1	25.00
			Sub-Total:	**$25.00**
Late Fees	Late Fee -Dog Renewal	A1550	38	380.00
			Sub-Total:	**$380.00**
Marriage Lic.	MARRIAGE LICENSE FEE	A1255	4	70.00
			Sub-Total:	**$70.00**
Misc	Impoundment Fees - Dogs	A1550	1	10.00
	Misc		5	179.91
			Sub-Total:	**$189.91**
MISC. FEES	Boarding - Dog		5	15.00
MISC. FEES	Certified Copies	A1255	71	700.00
			Sub-Total:	**$715.00**
PERMIT FEES	Garage Sale	A2590	2	10.00
			Sub-Total:	**$10.00**
Senior Discount	Senior Discount	A2544	52	-502.00
			Sub-Total:	**-$502.00**
			Total Local Shares Remitted:	**$3,899.31**

Amount paid to:	NYS Ag. & Markets for spay/neuter program	271.00
Amount paid to:	NYS Environmental Conservation	155.60
Amount paid to:	State Health Dept. For Marriage Licenses	90.00

Total State, County & Local Revenues: $4,415.91

Total Non-Local Revenues: $516.60

To the Supervisor:
Pursuant to Section 27, Sub 1, of the Town Law, I hereby certify that the foregoing is a full and true statement of all fees and monies received by me, Diane M. Marco, Town Clerk, Town of Rotterdam during the period stated above, in connection with my office, excepting only such fees and monies, the application of which are otherwise provided for by law.

Mollie A. Collins — Supervisor
4/1/2024 — Date
Diane M. Marco — Town Clerk
4-1-24 — Date

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Monthly Worksheet of Daily Work
March 2024

DATE	AMOUNT DEPOSITED	DEC LICENSE SALES	DEC PORTION	TOWN PORTION	DOG AMOUNT PAID	STATE AG MKTS PORTION	TOWN PORTION	MARRIAGE FEE PAID	STATE DOH PORTION	TOWN PORTION	Bingo Games of chance 3%	STATE BINGO/ GAMES CHANCE	TOWN PORTION	EZ PASS	ONE Day Officiant
3/1/2024	$136.94	$0.00	$0.00	$0.00	$80.00	$7.00	$73.00	$0.00	$0.00	$0.00	$56.94	$0.00	$0.00	$0.00	$0.00
3/4/2024	$268.32	$0.00	$0.00	$0.00	$145.00	$12.00	$133.00	$0.00	$0.00	$0.00	$13.32	$0.00	$0.00	$0.00	$0.00
3/5/2024	$61.00	$0.00	$0.00	$0.00	$51.00	$7.00	$44.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/6/2024	$285.00	$0.00	$0.00	$0.00	$125.00	$15.00	$110.00	$40.00	$22.50	$17.50	$0.00	$0.00	$0.00	$0.00	$0.00
3/7/2024	$271.41	$0.00	$0.00	$0.00	$145.00	$11.00	$134.00	$0.00	$0.00	$0.00	$16.41	$0.00	$0.00	$0.00	$0.00
3/8/2024	$497.47	$0.00	$0.00	$0.00	$220.00	$20.00	$200.00	$0.00	$0.00	$0.00	$37.47	$0.00	$0.00	$0.00	$0.00
3/11/2024	$372.00	$0.00	$0.00	$0.00	$342.00	$35.00	$307.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/12/2024	$195.00	$0.00	$0.00	$0.00	$135.00	$12.00	$123.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/13/2024	$180.00	$0.00	$0.00	$0.00	$140.00	$10.00	$130.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/14/2024	$110.00	$15.00	$13.44	$1.56	$95.00	$11.00	$84.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/15/2024	$335.00	$0.00	$0.00	$0.00	$255.00	$24.00	$231.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/18/2024	$257.00	$30.00	$27.62	$2.38	$197.00	$24.00	$173.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/19/2024	$186.00	$30.00	$28.34	$1.66	$31.00	$4.00	$27.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/20/2024	$140.00	$0.00	$0.00	$0.00	$105.00	$10.00	$95.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$25.00	$0.00
3/21/2024	$105.00	$25.00	$23.62	$1.38	$80.00	$6.00	$74.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/22/2024	$123.00	$57.00	$53.86	$3.14	$56.00	$6.00	$50.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
3/25/2024	$210.00	$0.00	$0.00	$0.00	$140.00	$10.00	$130.00	$40.00	$22.50	$17.50	$0.00	$0.00	$0.00	$0.00	$0.00
3/26/2024	$235.00	$0.00	$0.00	$0.00	$135.00	$14.00	$121.00	$40.00	$22.50	$17.50	$0.00	$0.00	$0.00	$0.00	$0.00
3/27/2024	$237.00	$10.00	$8.72	$1.28	$137.00	$17.00	$120.00	$40.00	$22.50	$17.50	$0.00	$0.00	$0.00	$0.00	$0.00
3/28/2024	$210.77	$0.00	$0.00	$0.00	$155.00	$16.00	$139.00	$0.00	$0.00	$0.00	$55.77	$0.00	$0.00	$0.00	$0.00
Audited by dmm 3/28/2024	**$4,415.91**	$167.00	**$155.60**	**$11.40**	$2,769.00	**$271.00**	**$2,498.00**	$160.00	**$90.00**	**$70.00**	**$179.91**	**$0.00**	**$0.00**	**$25.00**	**$0.00**

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THE RED THERMO SECURED "SP" LOGO IN THE LOWER CORNER OF THIS CHECK MUST FADE TEMPORARILY WHEN WARMED BY TOUCH OR FRICTION. SEE BACK FOR ADDITIONAL FEATURI

TOWN OF ROTTERDAM
TOWN CLERK ACCOUNT
1100 SUNRISE BLVD
ROTTERDAM, NY 12306

2941
29-7/213

DATE April 2, 2024

PAY TO THE ORDER OF Mollie Collins Supervisor $ 3899.31

Three thousand eight hundred ninety nine and 31/100 DOLLARS

KeyBank
KeyBank National Association

MEMO Revenue March 2024

Diane M Bartle
Town Clerk

Mobile Deposit Safe Details on back

[redacted] [redacted]

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RESOLUTION NO. 167.24

TO AUTHORIZE CHANGE ORDER NO. 2 AND 3 WITH EMPIRE ELECTRIC NY LLC FOR THE ROTTERDAM TOWN HALL RENOVATIONS

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute Change Order No. 2 and No. 3 with Empire Electric NY LLC, located at PO Box 13082, Albany, New York 12212, for the Rotterdam Town Hall Renovations, Contract 3 – Electrical Construction, to disconnect existing damaged exhaust fan 09 and reconnect newly installed exhaust fan 09, for a cost increase of two hundred ninety six and 28/100 ($296.28) dollars, and to install an exterior GFCI receptacle at the lower roof near the window adjacent the elevator, for a cost increase of six hundred fifty eight and 79/100 ($658.79) dollars, for a new contract sum totaling one hundred seventeen thousand, eight hundred forty seven and 61/100 ($117,847.61) dollars.

SECTION 2. This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

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TOWN OF ROTTERDAM

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LEGISLATIVE REQUEST FORM

DATE:	April 1, 2024
TO:	Mollie Collins, Town Supervisor
FROM:	Charles Jack Dodson, Deputy Supervisor
TITLE OF REQUEST:	Town Hall Renovations-Change Order #2 and #3, Empire Electric NY, LLC
TOWN BOARD MEETING:	April 10, 2024
Background Information:	Empire Electric NY, LLC is the Contractor for the Rotterdam Town Hall Renovations.
Evaluation/Analysis:	Barton & Loguidice has submitted a change order for Empire Electric NY, LLC for the Rotterdam Town Hall Renovations. The change order #2 is to disconnect existing damaged exhaust fan 09 and reconnect newly installed exhaust fan 09. Change order #3 is to install an exterior GFCI receptacle at the lower roof near the windows adjacent the elevator.
Recommendation(s):	Authorize the Supervisor to enter into an agreement with Empire Electric NY, LLC in an amount not to exceed $955.07.
Attachment/Document(s):	Barton & Loguidice Change Orders dated March 29, 2024 & April 1, 2024.
Compliance with Purchasing Policy:	
Effect(s) on Existing Law(s):	
LEGISLATION WILL BE PREPARED BY:	Supervisors Office

DRAFT

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Change Order

PROJECT: *(Name and address)*
Town of Rotterdam
Rotterdam Town Hall Renovations
1100 Sunrise Boulevard
Rotterdam, NY 12306
B&L Project Number: 904.055.001

CONTRACT INFORMATION:
Contract For: Contract No. 3 - Electrical Construction

Date: 11/28/2023

CHANGE ORDER INFORMATION:
Change Order Number: EC CO 002

Date: 03/29/2024

OWNER: *(Name and address)*
Town of Rotterdam
1100 Sunrise Boulevard
Rotterdam, NY 12306

ARCHITECT: *(Name and address)*
Barton & Loguidice
10 Airline Drive, Suite 200
Albany, NY 12205

CONTRACTOR: *(Name and address)*
Empire Electric NY LLC
PO Box 13082
Albany, NY 12212

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)
This Change Order is to disconnect existing damaged exhaust fan 09 and reconnect newly installed exhaust fan 09.

The original Contract Sum was	$	115,300.00
The net change by previously authorized Change Orders	$	1,592.54
The Contract Sum prior to this Change Order was	$	116,892.54
The Contract Sum will be increased by this Change Order in the amount of	$	296.28
The new Contract Sum including this Change Order will be	$	117,188.82

The Contract Time will be increased by Zero (0) days.
The new date of Substantial Completion will be 10/28/2024

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Barton & Loguidice	Empire Electric NY LLC	Town of Rotterdam
ARCHITECT *(Firm name)*	**CONTRACTOR** *(Firm name)*	**OWNER** *(Firm name)*
John D Conley	Michael Winkler	
SIGNATURE	**SIGNATURE**	**SIGNATURE**
Josh Conley, Project Architect	Michael Winkler VP	
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**	**PRINTED NAME AND TITLE**
04/01/2024	3/29/2024	
DATE	**DATE**	**DATE**

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User Notes: (3B9ADA50)

EMPIRE ELECTRIC NEW YORK LLC

3/28/2024

Joshua D. Conley
Project Architect
Barton & Loguidice

EENY#3 EC RFP 001 Remove and Reinstall EF

Materials		0	$ -
Labor	Hrs:	2.5	$ 251.35
Quote		0	$ -
Quote		0	$ -
Sub-Total			*$ 251.35*
15% Markup		0.15	$ 37.70
Bond		2.50%	$ 7.23
Total			**$ 296.28**

Best Regards

Michael Winkler
mwinkler@empireelectricny.com

DRAFT

Job ID: JOB-0251
Project: ROTTERDAM TOWN HALL RENOVATIONS

Bid Brief Form Report

28 Mar 2024 14:28:26

Tax Rate status: Default **Bid Name:** EENY#3 EC RFP 001 REMOVE AND R **Bid Template:** BASIC (EXPANDED O&P)

Description	Amount	Subtotal
Material		
Estimated Material	0.00	
Material Adjustment	0.00	
Material Total:		0.00
Labor		
Direct Labor Hours	2.50	
Labor Dollars	251.53	
Indirect Labor	0.00	
Labor Escalation	0.00	
Labor Adjustments	0.00	
Labor Total:		251.53
Quotes		
Quote Adjustments	0.00	
Quotes Total:		0.00
Direct Job Costs		
Estimated DJC	0.00	
DJC Adjustments	0.00	
Direct Job Costs Total:		0.00
Taxes		
Material Tax (0.0000%)	0.00	
Quote Tax (0.0000%)	0.00	
Labor Tax (0.0000%)	0.00	
Equipment Tax (0.0000%)	0.00	
SubContract Tax (0.0000%)	0.00	
Taxes Total:		0.00
Pre-Overhead and Profit Subtotal:		*251.53*
Overhead		
Material Overhead (15.00% markup)	0.00	
Quotes Overhead (15.00% markup)	0.00	
Labor Overhead (15.00% markup)	37.73	
Equipment Overhead (15.00% markup)	0.00	
SubContracts Overhead (15.00% markup)	0.00	
DJC Overhead (15.00% markup)	0.00	
Overhead Total:		37.73
Profit		
Material Profit (0.00% markup)	0.00	
Quotes Profit (0.00% markup)	0.00	
Labor Profit (0.00% markup)	0.00	
Equipment Profit (0.00% markup)	0.00	
SubContracts Profit (0.00% markup)	0.00	
DJC Profit (0.00% markup)	0.00	
Profit Total:		0.00

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Miscellaneous			
Job Tax (0.00%)		0.00	
Bond (0.00%)		0.00	
	Miscellaneous Total:		0.00
		Bid Total:	289.25

DRAFT

Job ID: JOB-0251
Project: ROTTERDAM TOWN HALL RENOVATIONS

EMPIRE ELECTRIC NEW YORK LLC

Summary by Item Number

EENY#3 SUMMARY

28 Mar 2024 14:26:03

Item #	Size	Description	Q/M	Quantity	U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
210030		ROOF-TOP EXHAUST FAN CONNECTION	M	1.00	EA	0.0000	0.00	2.0000	2.00	0.0000	0.00
380096		EXISTING SMALL EQUIPMENT REMOVE	M	1.00	EA	0.0000	0.00	0.5000	0.50	0.0000	0.00
					Phase/Group totals:		**0.00**		**2.50**		**0.00**
					Job totals:		**0.00**		**2.50**		**0.00**

Grand Material, Quote, Equipment, and Subcontract Total: **0.00**

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Change Order

PROJECT: *(Name and address)*
Town of Rotterdam
Rotterdam Town Hall Renovations
1100 Sunrise Boulevard
Rotterdam, NY 12306
B&L Project Number: 904.055.001

CONTRACT INFORMATION:
Contract For: Contract No. 3 - Electrical Construction

Date: 11/28/2023

CHANGE ORDER INFORMATION:
Change Order Number: EC CO 003

Date: 04/01/2024

OWNER: *(Name and address)*
Town of Rotterdam
1100 Sunrise Boulevard
Rotterdam, NY 12306

ARCHITECT: *(Name and address)*
Barton & Loguidice
10 Airline Drive, Suite 200
Albany, NY 12205

CONTRACTOR: *(Name and address)*
Empire Electric NY LLC
PO Box 13082
Albany, NY 12212

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)
This Change Order is to install an exterior GFCI receptacle at the lower roof near the windows adjacent the elevator.

The original Contract Sum was	$	115,300.00
The net change by previously authorized Change Orders	$	1888.82
The Contract Sum prior to this Change Order was	$	117,188.82
The Contract Sum will be increased by this Change Order in the amount of	$	658.79
The new Contract Sum including this Change Order will be	$	117,847.61

The Contract Time will be increased by Zero (0) days.
The new date of Substantial Completion will be 10/28/2024

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Barton & Loguidice	Empire Electric NY LLC	Town of Rotterdam
ARCHITECT *(Firm name)*	**CONTRACTOR** *(Firm name)*	**OWNER** *(Firm name)*
John D Conley	Michael Winkler	
SIGNATURE	**SIGNATURE**	**SIGNATURE**
Josh Conley, Project Architect	Michael Winkler VP	
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**	**PRINTED NAME AND TITLE**
04/01/2024	4/1/2024	
DATE	**DATE**	**DATE**

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User Notes: (3B9ADA3B)

EMPIRE ELECTRIC NEW YORK LLC

3/29/2024

Joshua D. Conley
Project Architect
Barton & Loguidice

EENY#4 Lower Rooftop GFCI Receptacle

Materials		111.49	$ 111.49
Labor	Hrs:	4.45	$ 447.40
Quote		0	$ -
Quote		0	$ -
Sub-Total			*$ 558.89*
15% Markup		0.15	$ 83.83
Bond		2.50%	$ 16.07
Total			**$ 658.79**

Best Regards

Michael Winkler
mwinkler@empireelectricny.com

DRAFT

Job ID: JOB-0251
Project: ROTTERDAM TOWN HALL RENOVATIONS

EMPIRE ELECTRIC NEW YORK LLC

Bid Brief Form Report

29 Mar 2024 14:12:06

Tax Rate status: Default **Bid Name:** EENY#4 ROOFTOP GFCI RECEPTAC **Bid Template:** BASIC (EXPANDED O&P)

Description	Amount	Subtotal
Material		
Estimated Material	111.49	
Material Adjustment	0.00	
Material Total:		111.49
Labor		
Direct Labor Hours	4.45	
Labor Dollars	447.94	
Indirect Labor	0.00	
Labor Escalation	0.00	
Labor Adjustments	0.00	
Labor Total:		447.94
Quotes		
Quote Adjustments	0.00	
Quotes Total:		0.00
Direct Job Costs		
Estimated DJC	0.00	
DJC Adjustments	0.00	
Direct Job Costs Total:		0.00
Taxes		
Material Tax (0.0000%)	0.00	
Quote Tax (0.0000%)	0.00	
Labor Tax (0.0000%)	0.00	
Equipment Tax (0.0000%)	0.00	
SubContract Tax (0.0000%)	0.00	
Taxes Total:		0.00
Pre-Overhead and Profit Subtotal:		*559.43*
Overhead		
Material Overhead (15.00% markup)	16.72	
Quotes Overhead (15.00% markup)	0.00	
Labor Overhead (15.00% markup)	67.19	
Equipment Overhead (15.00% markup)	0.00	
SubContracts Overhead (15.00% markup)	0.00	
DJC Overhead (15.00% markup)	0.00	
Overhead Total:		83.91
Profit		
Material Profit (0.00% markup)	0.00	
Quotes Profit (0.00% markup)	0.00	
Labor Profit (0.00% markup)	0.00	
Equipment Profit (0.00% markup)	0.00	
SubContracts Profit (0.00% markup)	0.00	
DJC Profit (0.00% markup)	0.00	
Profit Total:		0.00

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Miscellaneous			
Job Tax (0.00%)		0.00	
Bond (0.00%)		0.00	
	Miscellaneous Total:		0.00
		Bid Total:	643.34

DRAFT

Job ID: JOB-0251
Project: ROTTERDAM TOWN HALL RENOVATIONS

EMPIRE ELECTRIC NEW YORK LLC

Summary by Item Number

EENY#4 SUMMARY

29 Mar 2024 14:13:55

Item #	Size	Description	Q/M	Quantity	U/M	Mat Unit	Mat Result	Lab Unit	Lab Result	Quo Unit	Quo Result
70033	12	THHN/THWN CU (STR)	M	45.00	FT	0.2000	9.00	0.0060	0.27	0.0000	0.00
70511	12/2	MC CABLE - ALUM JKT W/G	M	50.00	FT	0.7100	35.50	0.0260	1.30	0.0000	0.00
100139	#18 to 8	WIRE-NUT MED -RED	M	2.00	EA	0.1915	0.38	0.0600	0.12	0.0000	0.00
100159	#12 SOL	8" PIGTAIL W/GRD SCREW	M	1.00	EA	2.3666	2.37	0.0600	0.06	0.0000	0.00
140039	20A	DX GFCI RECEPT WEATHER RESIST	M	1.00	EA	16.7678	16.77	0.3500	0.35	0.0000	0.00
141127	CLEAR	1G WP UNIV PLATE -IN USE	M	1.00	EA	6.7200	6.72	0.2000	0.20	0.0000	0.00
150597	2-5/8" DEEP 21.3-CI	1G ALUM WP BOX W/ 3 x 1/2"HUBS	M	1.00	EA	15.5002	15.50	0.6000	0.60	0.0000	0.00
161269	#10 x 1"	TEK SCREW	M	6.00	EA	0.0508	0.30	0.0240	0.14	0.0000	0.00
161275	#10 x 1"	SHEET METAL SCREW	M	2.00	EA	0.0678	0.14	0.0240	0.05	0.0000	0.00
161306	#10-12 x 1"	PLASTIC ANCHOR	M	2.00	EA	0.0817	0.16	0.0200	0.04	0.0000	0.00
161319	1/4 x 1 1/2 - 3"	HAMMER DRILLED HOLE	M	2.00	EA	0.5000	1.00	0.1300	0.26	0.0000	0.00
630295	14-2>10-3 & 3/8	AC/FLEX HGR PUSH-IN MTL/WOOD/STUD	M	3.00	EA	0.5992	1.80	0.0700	0.21	0.0000	0.00
630329	14>10-3 (2-CBL)	AC/MC HMR-ON BOT-MTD 1/4-FLNG HGR PSH-IN	M	10.00	EA	1.8051	18.05	0.0700	0.70	0.0000	0.00
670074	3/8 (38AST)	AC/MC SNAP2IT AC/MC CON W/INS THROAT	M	1.00	EA	1.0327	1.03	0.0750	0.08	0.0000	0.00
670099	3/8 (3838AST)	AC/MC DX SNAP2IT INSUL	M	1.00	EA	2.7671	2.77	0.0750	0.08	0.0000	0.00
					Phase/Group totals:		**111.49**		**4.45**		**0.00**
					Job totals:		**111.49**		**4.45**		**0.00**

Grand Material, Quote, Equipment, and Subcontract Total: **111.49**

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RESOLUTION NO. 168.24

TO AUTHORIZE CHANGE ORDER NO. 3 WITH JOHN W. DANFORTH COMPANY FOR THE ROTTERDAM TOWN HALL RENOVATIONS

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute Change Order No. 3 with John W. Danforth, located at 5 Liebich Lane, Halfmoon, NY 12065, for the Rotterdam Town Hall Renovations, Contract 2 – Mechanical Construction, replace damaged exhaust fan 09, for a cost increase of three thousand four hundred seventy seven and 22/100 ($3,477.22) dollars, and a new contract sum totaling one hundred eighty six thousand, six hundred sixty seven and 81/100 ($186,667.81) dollars.

SECTION 2. This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE:	April 1, 2024
TO:	Mollie Collins, Town Supervisor
FROM:	Charles Jack Dodson, Deputy Supervisor
TITLE OF REQUEST:	Town Hall Renovations-Change Order #3, John W. Danforth Company
TOWN BOARD MEETING:	April 10, 2024
Background Information:	John W. Danforth Company is the Mechanical Contractor for the Rotterdam Town Hall Renovations.
Evaluation/Analysis:	Barton & Loguidice has submitted a change order for John W. Danforth Company for the Rotterdam Town Hall Renovations. The change order is to replace damaged exhaust fan 09.
Recommendation(s):	Authorize the Supervisor to enter into an agreement with John W. Danforth Company in an amount not to exceed $3,477.22.
Attachment/Document(s):	Barton & Loguidice Change Order dated March 29, 2024.
Compliance with Purchasing Policy:	
Effect(s) on Existing Law(s):	
LEGISLATION WILL BE PREPARED BY:	Supervisors Office

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AIA® Document G701® – 2017

Change Order

PROJECT: *(Name and address)*
Town of Rotterdam
Rotterdam Town Hall Renovations
1100 Sunrise Boulevard
Rotterdam, NY 12306
B&L Project Number: 904.055.001

CONTRACT INFORMATION:
Contract For: Contract No. 2 - Mechanical Construction

Date: 11/28/2023

CHANGE ORDER INFORMATION:
Change Order Number: MC CO 003

Date: 03/29/2024

OWNER: *(Name and address)*
Town of Rotterdam
1100 Sunrise Boulevard
Rotterdam, NY 12306

ARCHITECT: *(Name and address)*
Barton & Loguidice
10 Airline Drive, Suite 200
Albany, NY 12205

CONTRACTOR: *(Name and address)*
John W. Danforth Company
5 Liebich Lane
Halfmoon, NY 12065

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)
This Change Order is to replace damaged exhaust fan 09.

The original Contract Sum was	$	177,900.00
The net change by previously authorized Change Orders	$	5,290.59
The Contract Sum prior to this Change Order was	$	183,190.59
The Contract Sum will be increased by this Change Order in the amount of	$	3,477.22
The new Contract Sum including this Change Order will be	$	186,667.81

The Contract Time will be increased by Zero (0) days.
The new date of Substantial Completion will be 10/28/2024

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Barton & Loguidice	John W. Danforth Company	Town of Rotterdam
ARCHITECT *(Firm name)*	**CONTRACTOR** *(Firm name)*	**OWNER** *(Firm name)*
John D Conley	Wendy D. Glauber Digitally signed by Wendy D. Glauber DN: cn=Wendy D. Glauber, o=John W. Danforth Company, ou=General Counsel, email=wglauber@jwdanforth.com, c=US Date: 2024.04.01 15:13:08 -04'00'	
SIGNATURE	**SIGNATURE**	**SIGNATURE**
Josh Conley, Project Architect	Wendy D. Glauber, General Counsel	
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**	**PRINTED NAME AND TITLE**
04/01/2024	April 1, 2024	
DATE	**DATE**	**DATE**

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User Notes: (3B9ADA4C)

AIA® Document G709™ – 2018

Proposal Request

PROJECT: *(name and address)*
Town of Rotterdam
Rotterdam Town Hall Renovations
1100 Sunrise Boulevard
Rotterdam, NY 12306

CONTRACT INFORMATION:
Contract For: Contract No. 2 - Mechanical Construction

Date: 11/28/2023

Architect's Project Number: 904.055.001
Proposal Request Number: MC RFP 003

Proposal Request Date: 03/13/2024

OWNER: *(name and address)*
Town of Rotterdam
1100 Sunrise Boulevard
Rotterdam, NY 12306

ARCHITECT: *(name and address)*
Barton & Loguidice
10 Airline Drive, Suite 200
Albany, NY 12205

CONTRACTOR: *(name and address)*
John W. Danforth Company
5 Liebich Lane
Halfmoon, NY 1206

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Seven (7) days or notify the Architect in writing of the anticipated date of submission.
(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)
Provide a cost proposal to inspect and repair Exhaust Fan 9, or if needed, to replace Exhaust Fan 9.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

REQUESTED BY THE ARCHITECT:

Joshua D. Conley, RA

Senior Project Architect
PRINTED NAME AND TITLE

DRAFT

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User Notes: (3B9ADA49)

since 1884 danforth

TO: Town of Rotterdam
RE: Rotterdam Town Hall Renovation
JWD CPR: 03
CPR Title: Remove and install Exhaust Fan-09
Date: 3/25/2024

To whom it may concern:

We enclose a breakdown of costs for the changes you have requested:

We were furnished the following drawings and specifications: ED-102

We propose to: Demo the old exhasust fan-09 and install a new EF for room 223. We will need an electricians on site to disconnect old and reconnect the new exhaust Fan. New fan will be Loren Cook ACE-D model, submittal is attached.

Work Start Date: TBD

Work End Date: TBD

Extension Req'd days (on-site duration): 1

Ext. Req'd days (mat/equip lead time): TBD

CPR Expires in 10 days

CPR for Materials Expires in 1 days

We do not include the following: Unforeseen conditions; cleanup; dumpsters; painting; temporary facilities of any kind; electrical/power wiring of any kind; controls wiring; shop drawings; as-built drawings; escutcheons; reconditioning and cleaning of owner equipment or material; any work that is not explicitly called out in scope of work description above.

The total net change to our contract is as follows: $ 3,477.22

This change proposal covers only the direct costs associated with the change order work described above. The contractor expressly reserves the right to submit, at a later date, added costs and/or time extension requests attendant to this modification arising from, but not limited to: extended field and home office overhead, labor and equipment inefficiencies, disruptions, cumulative impacts, impacts to the critical path and related delay costs, schedule resequencing and/or overtime and acceleration.

We reserve the right to modify this estimate, if additional work not covered by this proposal is required.

Unless noted otherwise, it is anticipated that all work required by this change will be done on a straight time basis. Overtime work, if required, will be billed as an additional item.

- Sales tax IS NOT included in this proposal.
- This proposal is for acceptance within 10 days and is subject to escalation thereafter.
- An extension of time of 1 calendar days is required.
- Please advise as soon as possible if we are to proceed. We will not proceed without formal written change order, per contract terms.

Regards,

Ahmed Anani 3/25/2024

JWD Representative {Your Title Here} Date

Customer Representative Date

DRAFT

Project Name:	Rotterdam Town Hall Renovation	CPR #:	03
Description:	Remove and install Exhaust Fan-09	Date:	3/25/2024

Labor

Field	Hours	Total
PIPE (MP)	-	$ -
PIPE (PLM)	-	$ -
PIPE (REF)	-	$ -
TIN	12.00	$ 1,386.54
BAL	-	$ -
CTS/SERVICE	-	$ -
COMMISSIONING	-	$ -
DUCT CLEANING	-	$ -
SUBTOTAL	12.00	$ 1,386.54

Shop	Hours	Total
PIPE	-	$ -
TIN	-	$ -
BAL	-	$ -
SUBTOTAL	-	$ -
Shop Burden	-	$ -
SUBTOTAL	-	$ -

General		
SUBTOTAL	-	$ -

SUBTOTAL		$	1,386.54
Overhead %	10.0%	$	138.65
LABOR SUBTOTAL		$	1,525.19
Profit %	10.0%	$	152.52
LABOR TOTAL	**12.00**	**$**	**1,677.71**

Other Direct Job Costs

Category	Hours	Total
CAD	-	$ -
PM	1.00	$ 125.00
PROJ_ENGINEER	-	$ -
EST	-	$ -
SAFETY	-	$ -
DRIVER	1.00	$ 53.00
PROJECT ADMIN	-	$ -
PROJECT EXECUTIVE	-	$ -
QA QC MANAGER	-	$ -
SENIOR PROJECT MANAGER	-	$ -
PER DIEM	-	$ -
LODGING	-	$ -
TRAVEL	-	$ -
SUBTOTAL	2.00	$ 178.00
Overhead %	10.0%	$ 17.80
ODJC SUBTOTAL		$ 195.80
Profit %	10.0%	$ 19.58
ODJC TOTAL	**2.00**	**$ 215.38**

DRAFT

Project Name:	Rotterdam Town Hall Renovation	CPR #:	03
Description:	Remove and install Exhaust Fan-09	Date:	3/25/2024

Equipment & Material

			Total
General		$	-
Consumables		$	-
Rentals & Tools		$	-
Equipment		$	1,200.00
Sheet Metal Equipment		$	-
Pipe/Other Materials		$	-
Sheet Metal Shop Fabrication		$	-
SUBTOTAL		$	1,200.00
Material Escalation	0.00%	$	-
Sales Tax ☐	0.00%	$	-
SUBTOTAL		$	1,200.00
Overhead %	10.0%	$	120.00
E&M SUBTOTAL		$	1,320.00
Profit %	10.0%	$	132.00
E&M TOTAL		**$**	**1,452.00**

Subcontractors

Vendor	Trade		Total
	Insulation		
	Controls	$	-
		$	-
SUBTOTAL		$	-
Overhead %	10.0%	$	-
SUBTOTAL		$	-
Profit %	10.0%	$	-
SUBCONTRACTOR TOTAL		**$**	**-**

CHANGE ORDER SUBTOTAL		$	3,345.09
INTEREST ON WORKING CAPITAL		$	-
BONDING & INSURANCE	1.95%	$	65.23
WARRANTY COST	2.00%	$	66.90
SUBTOTAL		$	3,477.22
Interest on Retention		$	-
Additional MWBE% Required	0%	$	-
TOTAL		**$**	**3,477.22**

DRAFT

COOK

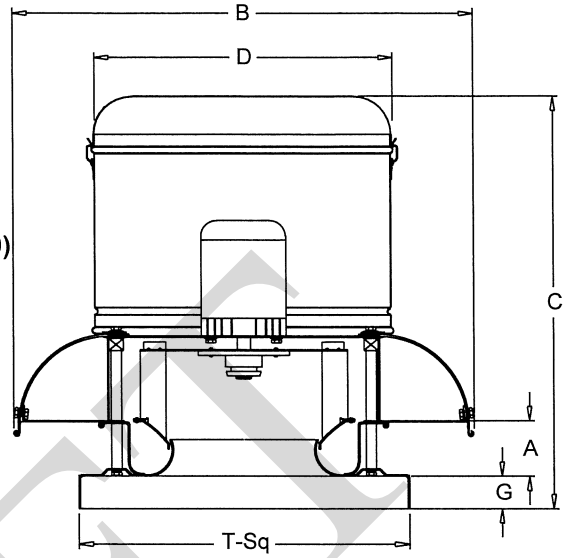
MARK: EF-1	
PROJECT: JWD DANFORTH FAN AHMED 90237	
DATE: 3/15/2024	

ACE-D

Downblast Centrifugal Exhaust Ventilator Roof Mounted/Direct Drive

STANDARD CONSTRUCTION FEATURES:

All aluminum housing - Backward inclined all aluminum wheel - Two piece top cap with stainless steel quick release latches (sizes 120 - 300) - Welded curb cap corners - Birdscreen - Permanently lubricated ball bearing motors - Corrosion resistant fasteners - Transit tested packaging.



Performance

Qty	Catalog Number	Flow (CFM)	SP (inwc)	Fan RPM	Power (HP)	FEG	Speed Control
1	120C10D	750	.400	1036	.078	n/a(<1HP)	FSC

Altitude (ft): 292 Temperature (F): 70

Motor Information

HP	RPM	Volts/Ph/Hz	Enclosure	TOL
1/6	1050	115/1/60	ODP -SE	Yes

Sound Data Inlet Sound Power by Octave Band

1	2	3	4	5	6	7	8	LwA	dBA	Sones
62	64	64	57	55	51	46	42	61	50	5.3

- Distance from Sound source 5 ft

Accessories:

DISCONNECT NEMA 1 PRE-WIRED
FAN SPEED CONTROLLER 5A 120V PREWIRED

Dimensions (inches)

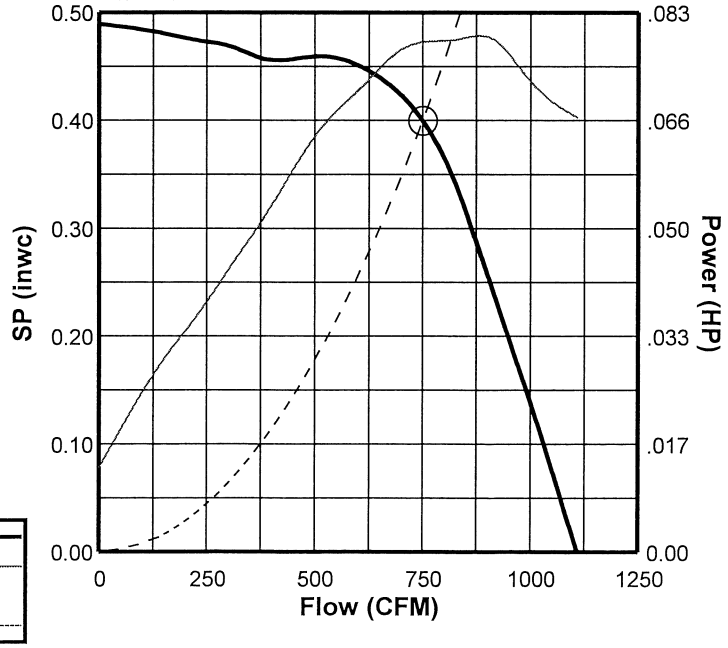
A	1-7/16
B O.D.	28-7/16
C	27-1/16
D O.D.	20-3/8
G	2
T Sq.	20
Roof Open. Sq.*	15-1/2

NOTE: Accessories may affect dimensions shown.

Weight(lbs)***	Shipping	49	Unit	33

* Roof opening size for curbs supplied by Cook only.
***Includes fan, motor & accessories.

Fan Curve



Fan Curve Legend

CFM vs SP	———
CFM vs HP	·····
Point of Operation	○
System Curve	- - - -

DRAFT

COOK

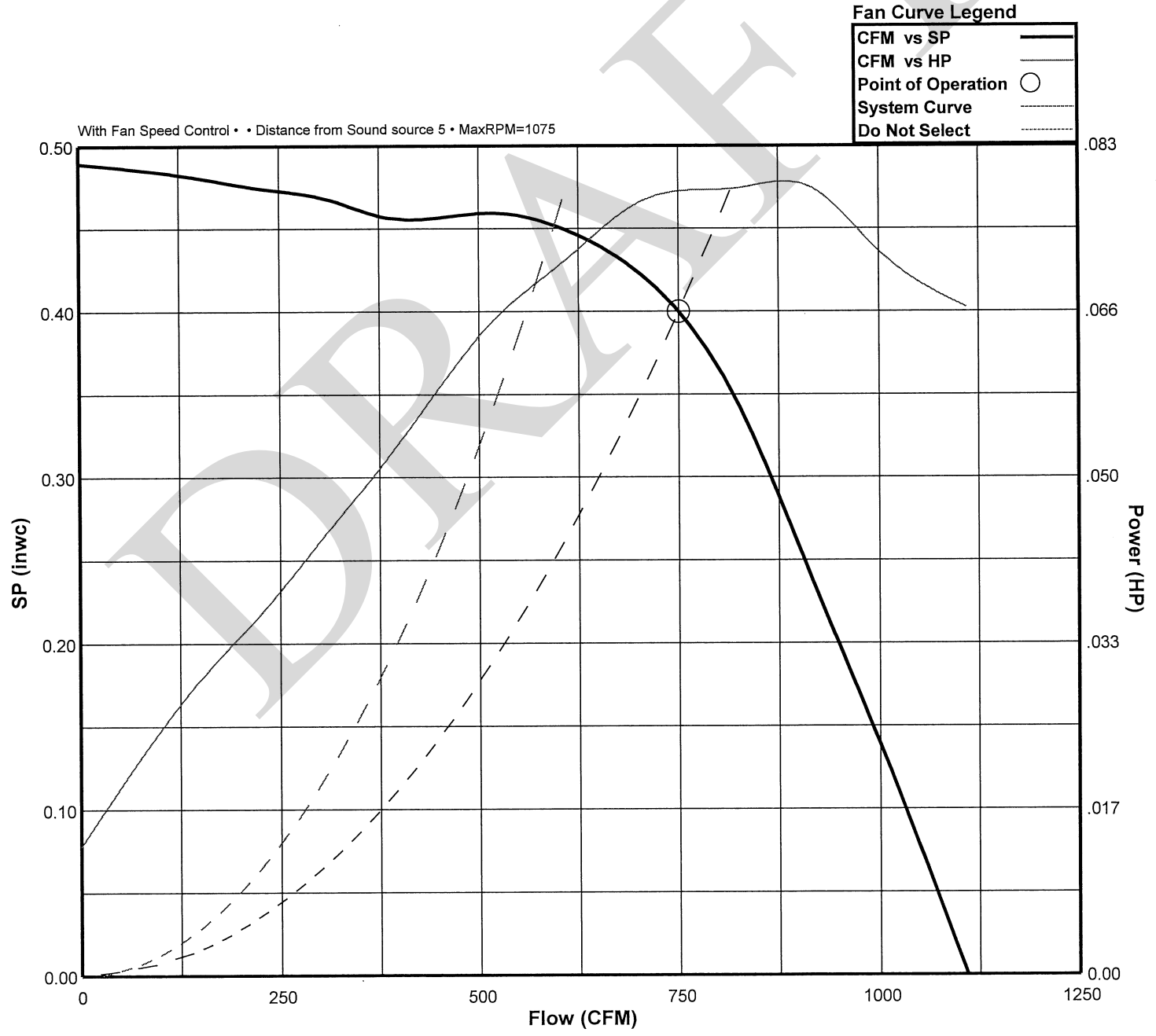
MARK: EF-1
PROJECT: JWD DANFORTH FAN AHMED 90237
DATE: 3/15/2024

ACE-D

Performance

Catalog Number	Flow (CFM)	SP (inwc)	Fan RPM	Power (HP)	FEG	OVEL (fpm)	TSPD (fpm)	SE	Temp (°F)	ALT (ft)
120C10D	750	.400	1036	.078	n/a(<1HP)	790	3254	61%	70	292

DRAFT



COOK

PROJECT: JWD DANFORTH FAN AHMED 90237
DATE: 3/15/2024

FSC

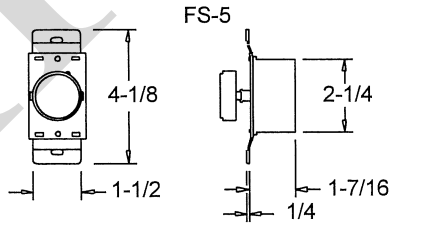
Fan Speed Controls

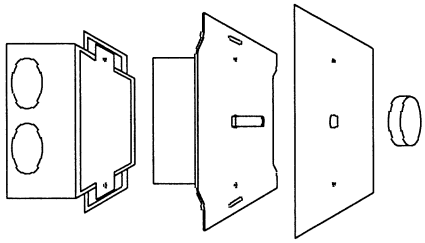
STANDARD CONSTRUCTION FEATURES:

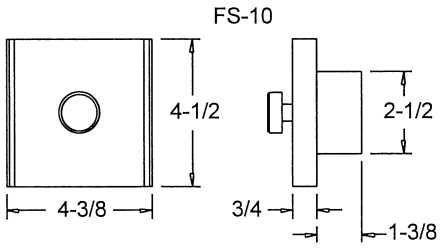
PRODUCT DESCRIPTION - Through the "Quadrac" integrated semi-conductor device it is now possible to offer this system with many advantages. Fewer semi-conductor parts mean greater reliability and the passivation process used in the manufacture of the semi-conductor insures long life. Printed circuit construction eliminates wiring difficulties and guarantees workmanship. All of these factors serve to offer the most important of all features - quality. SPEED CONTROL - Positive Off/On action in the control dial. Speed range set to the customer's requirements. CONTROL RATING - 120 volts, 60 cycles, 1 phase. Maximum ambient temperature - 120 degree F (5 AMP, 10 AMP, 15 AMP). 220/240 volt, 50/60 cycles, 1 phase. Maximum ambient temperature - 120 degree F (5 AMP, 10 AMP). 220/240 volt model not UL listed. Fan cannot have UL listing if furnished with prewired 220/240 volt FSC. 277 volt, 60 cycles, 1 phase. Maximum ambient temperature - 120 degree F (5 AMP). WARNING - Power must be turned off before installing this unit. STANDARD INSTALLATION - Fits any standard single gang box. Turn off power and connect the two wires on the control to the two switch wires in the usual manner. The connection box is not supplied. SPECIAL FEATURES - Complete range control, solid state "Quadrac" integrated circuitry, solid state construction for long reliable operating life, saves on electric bills.

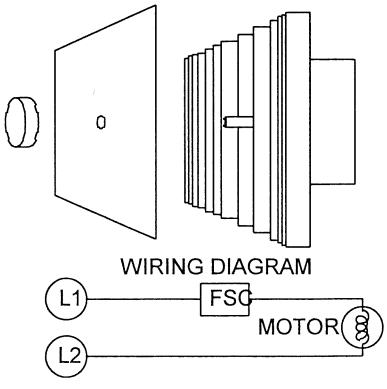
Dimensions (inches)

Mark	Qty	Description
EF-1	1	FSC 5A 120V PREWIRED









DRAFT

RESOLUTION NO. 169.24

TO AUTHORIZE CHANGE ORDER NO. 6 WITH BUNKOFF GENERAL CONTRACTORS INC. FOR THE ROTTERDAM TOWN HALL RENOVATIONS

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the Supervisor to negotiate and execute Change Orders No. 6 with Bunkoff General Contractors Inc, located at 790 Watervliet Shaker Road, Latham, NY 12110, for the Rotterdam Town Hall Renovations, Contract 1 – General Construction, for a cost increase of $937.00 for the patching and repair of existing gypsum wallboard, remove and support RGDs and remove/replace damaged insulation, for a new contract sum totaling one million, one hundred fifty four thousand, one hundred ninety eight and 00/100 ($1,154,198.00) dollars.

SECTION 2. This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE:	April 1, 2024
TO:	Mollie Collins, Town Supervisor
FROM:	Charles Jack Dodson, Deputy Supervisor
TITLE OF REQUEST:	Change Orders #6, Bunkoff General Contractors, Inc.
TOWN BOARD MEETING:	April 10, 2024
Background Information:	Bunkoff General Contractors Inc. is the General Contractor for the Rotterdam Town Hall Renovations.
Evaluation/Analysis:	Barton & Loguidice has submitted a change order for Bunkoff General Contractors, Inc. for the Rotterdam Town Hall Renovations. Change order #6 is for the patching and repair of existing gypsum wallboard, remove and support RGD's and remove/replace damaged insulation.
Recommendation(s):	Authorize the Supervisor to enter into an agreement with Bunkoff General Contractors, Inc. in amount not to exceed $937.00.
Attachment/Document(s):	Barton & Loguidice Change Order dated April 1, 2024.
Compliance with Purchasing Policy:	
Effect(s) on Existing Law(s):	
LEGISLATION WILL BE PREPARED BY:	Supervisors Office

DRAFT

AIA® Document G701® – 2017

Change Order

PROJECT: *(Name and address)*
Town of Rotterdam
Rotterdam Town Hall Renovations
1100 Sunrise Boulevard
Rotterdam, NY 12306
B&L Project Number: 904.055.001

CONTRACT INFORMATION:
Contract For: Contract No. 1 - General Construction

Date: 11/28/2023

CHANGE ORDER INFORMATION:
Change Order Number: GC CO 006

Date: 04/01/2024

OWNER: *(Name and address)*
Town of Rotterdam
1100 Sunrise Boulevard
Rotterdam, NY 12306

ARCHITECT: *(Name and address)*
Barton & Loguidice
10 Airline Drive, Suite 200
Albany, NY 12205

CONTRACTOR: *(Name and address)*
Bunkoff General Contractors, Inc.
790 Watervliet Shaker Rd.
Latham, NY 12110

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)
This Change Order is for the patching and repair of existing gypsum wallboard, remove and support RGDs, and remove/replace damaged insulation, see attached documentation.

The original Contract Sum was	$	1,128,000.00
The net change by previously authorized Change Orders	$	25,261.00
The Contract Sum prior to this Change Order was	$	1,153,261.00
The Contract Sum will be increased by this Change Order in the amount of	$	937.00
The new Contract Sum including this Change Order will be	$	1,154,198.00

The Contract Time will be increased by Zero (0) days.
The new date of Substantial Completion will be 10/28/2024

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Barton & Loguidice	Bunkoff General Contractors, Inc.	Town of Rotterdam
ARCHITECT *(Firm name)*	**CONTRACTOR** *(Firm name)*	**OWNER** *(Firm name)*
SIGNATURE	**SIGNATURE**	**SIGNATURE**
Josh Conley, Project Architect	Nathan Bunkoff, President	
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**	**PRINTED NAME AND TITLE**
04/01/2024	April 1, 2024	
DATE	**DATE**	**DATE**

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User Notes: (3B9ADA40)

BUNKOFF GENERAL CONTRACTORS, INC.
790 WATERVLIET-SHAKER ROAD
LATHAM, NEW YORK 12110
518-786-8666 - FAX 518-786-0896

CHANGE ORDER
REQUEST NO: 010

DATE: 3/21/24

JOB: **Rotterdam Town Hall Building Renovations**

BUNKOFF JOB NO.: 711

To: Barton & Loguidice, D.P.C
10 Airline Drive, Suite 200
Albany, NY 12205

Attn: Joshua D. Conley, RA

T&M Work in Board Room – Patch & Sand Walls, Remove & Suspend RGDs, Remove & Replace damaged insulation in ceiling.

TOTAL CHANGE: $ 937.00

Work regarding this change will not begin until approval is received in writing. Quote is valid for 15 days unless noted otherwise. Only the specific work noted herein is included. This Change is the subject of additional cost & time under the contract. This shall constitute a Notice of Claim for additional compensation and time of performance under the contract documents. The full cost & additional contract time will be forwarded when identifiable.

Schedule Impact: TBD

cc:

The work covered by this order shall be performed under the same Terms and Conditions as that included in the Original Contract.

CHANGES APPROVED

_____
Firm Name

REQUEST NO: 010

_____
Title

_____
Date

By_____
Nathan Bunkoff, President

DRAFT

BUNKOFF GENERAL CONTRACTORS, INC

CHANGE ORDER SUMMARY BGC701

PROJECT: Rotterdam Town Hall Building Reno. BGC JOB #: 711 BGC CHANGE REQ #: 10

DESCRIPTION: T&M Board Room Work - Repair Walls, Remove & Suspend RGD's, New Insulation in Ceiling

Part A: Labor (includes all required fringes, insurance, taxes, etc.) As detailed in BGC702

Class	Hours from BGC702	Cost per Hour	Total Labor Costs
Carpenter	0	$77.66	$0.00
Mason	0	$83.86	$0.00
Ironworker	0	$87.37	$0.00
Carpenter Foreman	4	$89.66	$358.64
Laborer	3	$79.37	$238.11
Painter / Taper	0	$69.18	$0.00

Labor Cost	$596.75
Overhead @ 10%	$59.68
Subtotal	$656.43
Profit @ 10%	$65.64
TOTAL FOR PART A:	$722.07

Part B: Miscellaneous Costs, as detailed in BGC702=====>

Miscellaneous Cost	$50.00
Overhead @ 10%	$5.00
Subtotal	$55.00
Profit @ 10%	$5.50
TOTAL FOR PART B:	$60.50

Part C: Material, as detailed in BGC703==========>

Material Cost	$105.28
Overhead @ 10%	$10.53
Subtotal	$115.81
Profit @ 10%	$11.58
TOTAL FOR PART C:	$127.39

Part D: Equipment, as detailed in BGC703==========>

Equipment Cost	$0.00
Overhead @ 10%	$0.00
Subtotal	$0.00
Profit @ 10%	$0.00
TOTAL FOR PART D:	$0.00

Part E: Subcontractor Quotes

Subcontractors Cost	$0.00
Profit @ 10%	$0.00
TOTAL FOR PART E:	$0.00

DAYS DELAYED tbd

SUBTOTAL	$909.96
3% bonds and insurance	$27.30
TOTAL FOR THIS CHANGE:	$937.26

Project Manager - Jenniffer Wright

March 21, 2024
Date

This Change in Condition is the subject of additional cost & time under the contract. This shall constitute a Notice of Claim for additional compensation and time of performance under the contract documents. The full cost & additional contract time will be forwarded when identifiable.

DRAFT

BUNKOFF GENERAL CONTRACTORS, INC.

LABOR & MISC. TAKE-OFF SHEET BGC702

PROJECT: Rotterdam Town Hall Building Renc BGC JOB #: 711 BGC CHANGE #: 10

DESCRIPTION: T&M Board Room Work - Repair Walls, Remove & Suspend RGD's, New Insulation in Ceiling

LABOR COSTS -- PART A --

	Description of Work	Carpenter	Mason	Ironworker	Carpenter Foreman	Laborer	Paint/Taper
1	Patch and Sand Walls in Board Room				3		
2	Remove and Suspend RGD's					3	
3	Remove and replace Insulation in Ceiling				1		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
	Total Labor Hours:	0	0	0	4	3	0
		Oper C	Mason	Ironworker	Carpenter	Laborer	Paint/Taper

MISCELLANEOUS COSTS -- PART B --

	Take-Off		Labor Costs		Material Costs		Equipment Costs	
	Quantity	Unit	Unit Cost	Labor Costs	Unit Cost	Material Cost	Unit Cost	Equipment Costs
Layout				$0.00		$0.00		$0.00
Surveying				$0.00		$0.00		$0.00
Testing				$0.00		$0.00		$0.00
Mobilize Equipment				$0.00		$0.00		$0.00
Demobilize Equipment				$0.00		$0.00		$0.00
Pick Up & Deliver Materials	1	hr	$50	$50.00		$0.00		$0.00
Daily Cleaning				$0.00		$0.00		$0.00
Phone and Fax Usage				$0.00		$0.00		$0.00
Caulking				$0.00		$0.00		$0.00
Dust Partitions				$0.00		$0.00		$0.00
On-Site Material Handling				$0.00		$0.00		$0.00
As-Builts				$0.00		$0.00		$0.00
Additional Drwgs & Spec's				$0.00		$0.00		$0.00
Snow Removal				$0.00		$0.00		$0.00
Temporary Heat				$0.00		$0.00		$0.00
Haul Trash to Dumpster				$0.00		$0.00		$0.00
Dumpster Charges				$0.00		$0.00		$0.00
				$0.00		$0.00		$0.00
Subtotals for Labor Material & Equipment:				$50.00		$0.00		$0.00
						Total Costs:		$50.00

F:\blank forms\attached to form BGC 702

DRAFT

BUNKOFF GENERAL CONTRACTORS, INC.

MATERIAL & EQUIPMENT TAKE-OFF SHEET BGC 703

PROJECT: tterdam Town Hall Building Rer BGC JOB #: 711 BGC CHANGE #: 10

DESCRIPTION: T&M Board Room Work - Repair Walls, Remove & Suspend RGD's, New Insulation in Ceiling

MATERIAL COSTS -- PART C --

	Description of Work	Take-off		Material	
		Quantity	Unit	Unit Price	Material Cost
1	36" Nylon Ties	25	ea	$0.72	$17.98
2	R38 Batt Insulation	42.66	SF	$1.78	$76.00
3	Drywall Compound	3.5	QT	$3.23	$11.31
4					$0.00
5					$0.00
6					$0.00
7					$0.00
8					$0.00
9					$0.00
10					$0.00
11					$0.00
12					$0.00
13					$0.00
14					$0.00
15					$0.00
16					$0.00
17					$0.00
18					$0.00
19					$0.00
20					$0.00
				Total Material Cost:	$105.28

EQUIPMENT COSTS -- PART D --

	Description of Work	Equipment Description	Take-Off		Equipment	
			Quantity	Unit	Unit Price	Material Cost
1						$0.00
2						$0.00
3						$0.00
4						$0.00
5						$0.00
6						$0.00
7						$0.00
8						$0.00
9						$0.00
					Total Equipment Cost:	$0.00

DRAFT

BUNKOFF GENERAL CONTRACTORS, INC.
WORK ORDER

Date: 3/12/2024 **Job #:** 711

Customer: Rotterdam town hall **Job/Cost Code:**

Location: Rotterdam NY **Work Order #:**

We Authorize Bunkoff General Contractors, Inc. to perform the following for our account, as described below:

LABOR

TRADE	REG HRS	OT HRS	DOUBLE HRS	DESCRIPTION
Carpenter	3			patch and sand walls
Laborer	3			Remove diffusers

MATERIALS USED

SUPPLIER	DESCRIPTION	UNITS
Home depot	Joint compound	
Home depot	zip ties	

EQUIPMENT USED

SUPPLIER	DESCRIPTION	UNITS

Superintendent _____

Authorized By: _____ Bunkoff General Contractors, Inc.

Owner's Rep / CM

Authorized By: _____

Architect

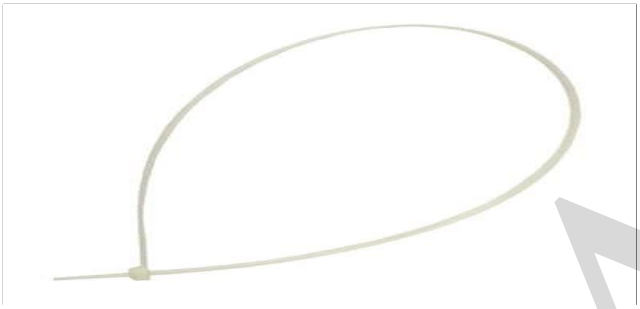
DRAFT



USG Sheetrock Brand
3.5 qt. All Purpose Ready-Mixed Joint Compound

Container Size: 3.5 qt.

$11.31



Malco
36 in. Nylon Adjustable Tie (25-Pack)

Model #TY34

$17.98



Limit 30 per order

Owens Corning
R-38 Faced Fiberglass Insulation Batt 16 in. x 48 in. (1 Bag)

Pack Size: 1
Batt/Roll Size: 4 ft. x 12.5 in. x 16 in.
Insulation R-Value: 38

$76.00

DRAFT

Network:Mar 14, 2024 at 11:03:46 AM EDT
Local:Mar 14, 2024 at 11:03:46 AM EDT
N 42° 47' 7.392", W 73° 58' 28.731"
1100 Sunrise Blvd
Schenectady NY 12306
United States



DRAFT

Network:Mar 14, 2024 at 11:04:24 AM EDT
Local:Mar 14, 2024 at 11:04:24 AM EDT
N 42° 47' 7.392", W 73° 58' 28.731"
1100 Sunrise Blvd
Schenectady NY 12306
United States

DRAFT

Network:Mar 14, 2024 at 11:04:37 AM EDT
Local:Mar 14, 2024 at 11:04:37 AM EDT
N 42° 47' 7.392", W 73° 58' 28.731"
1100 Sunrise Blvd
Schenectady NY 12306
United States

DRAFT

Network:Mar 14, 2024 at 11:06:08 AM EDT
Local:Mar 14, 2024 at 11:06:08 AM EDT
N 42° 47' 7.392", W 73° 58' 28.731"
1100 Sunrise Blvd
Schenectady NY 12306
United States

Network:Mar 14, 2024 at 11:07:24 AM EDT
Local:Mar 14, 2024 at 11:07:24 AM EDT
N 42° 47' 7.392", W 73° 58'28.731"
1100 Sunrise Blvd
Schenectady NY 12306
United States

RESOLUTION NO. 170.24

TO RECOGNIZE THE INTRODUCTION OF INTRODUCTORY LOCAL LAW NO. __ OF 2024; TO AMEND SECTION 266-46, ENTITLED "SCHEDULE VI: STOP INTERSECTIONS" OF THE CODE OF THE TOWN OF ROTTERDAM, FOR THE ADDITION OF STOP SIGNS ALONG THE EDGEWOOD AVENUE INTERSECTIONS OF KENMORE AVENUE, MARENGO STREET, AND DELAWARE AVENUE AND SCHEDULING A PUBLIC HEARING THEREON

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby recognizes the introduction of Introductory Local Law No. __ of 2024; To amend section 266-46, entitled "Schedule VI: Stop Intersections" of the Code of the Town of Rotterdam, for the addition of Stop Signs along the Edgewood Avenue intersections of Kenmore Avenue, Marengo Street, and Delaware Avenue.

SECTION 2. The Town Board of the Town of Rotterdam hereby authorizes the Town Clerk to publish in the official newspaper of the Town of Rotterdam not less than ten (10) days prior to the date designated for the public hearing provided for hereby the following notice:

TOWN OF ROTTERDAM
NOTICE OF HEARING

PLEASE TAKE NOTICE: That the Town Board of the Town of Rotterdam will hold a public hearing at the John F. Kirvin Government Center, Town Hall, 1100 Sunrise Boulevard, Rotterdam, New York 12306 at 7:00p.m. on the 24th day of April, 2024 for the following purpose:

> To recognize the introduction of Introductory Local Law No. __ of 2024; To amend section 266-46, entitled "Schedule VI: Stop Intersections" of the Code of the Town of Rotterdam, for the addition of Stop Signs along the Edgewood Avenue intersections of Kenmore Avenue, Marengo Street, and Delaware Avenue.

BY ORDER OF THE ROTTERDAM TOWN BOARD
DIANE M. MARCO, TOWN CLERK

DATED: April 10, 2024
Daily Gazette: Please publish once on April 12, 2024
Town Clerk
Post

SECTION 3. This resolution shall become effective April 10, 2024.

DRAFT

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE: April 4, 2024

TO: Legislative Review Board

FROM: Deputy Chief William Male W. Male

TITLE OF REQUEST: Recommend stop signs be erected on Kenmore Avenue, Marengo Street, and Delaware Avenue at the Edgewood Avenue intersection.

TOWN BOARD MEETING: April 10, 2024

April 10, 2024:	Call for public hearing
April 24, 2024:	Hold public hearing
April 24, 2024:	Adopt local law

Background Information: The Rotterdam Police Department has received traffic related complaints regarding vehicles neglecting to stop on Kenmore Avenue, Marengo Street, and Delaware Avenue, all at their respective intersections with Edgewood Avenue.

Evaluation/Analysis: A visual traffic survey of the roadway was completed on 3/19/2024.

Recommendation(s): Recommend stop signs be erected on Kenmore Avenue, Marengo Street, and Delaware Avenue at the Edgewood Avenue intersection.

Attachment/Document(s): Memorandum prepared by Sergeant Varrone.

Effect(s) on Existing Law(s): 266-46 Schedule VI of the Rotterdam Town Code

LEGISLATION WILL BE PREPARED BY: RPD

DRAFT

ROTTERDAM POLICE DEPARTMENT
UNIFORM DIVISION
TRAFFIC SURVEY

March 20, 2024

TO: Chief Brown, Deputy Chief Male, Lieutenant Collins, Lieutenant Girard

FROM: Sergeant Varrone

RE: Stop signs on Kenmore Ave, Marengo St, and Delaware Ave at the intersection of Edgewood Ave.

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COMPLAINT

The Rotterdam Police Department received a traffic related complaint from a resident of the Town of Rotterdam, regarding concerns he has for vehicles not stopping on Kenmore Ave, Marengo St, and Delaware Ave, all at their intersections of Edgewood Ave.

The resident states he and his family have observed on numerous occasions vehicles taking left and right turns off of the mentioned cross streets onto Edgewood Ave, without stopping and almost striking pedestrians walking in the area. The resident further stated he has observed road rage incidents due to the intersections having no traffic control.

SURVEY

A visual traffic survey of the roadways was completed on 03/19/24.

CONCLUSION

In conclusion, I recommend that stop signs be installed at all of the noted intersections. The area has a reasonable amount of vehicular traffic, along with pedestrians, and they are the only intersections that meet Edgewood Avenue that have no traffic control devices. It would further the safety of the community if the town installed stop signs to prevent any right of way issues and accidents from occurring. The stop signs should be installed at the end of Kenmore Ave, Marengo St, and Delaware Ave where they meet with Edgewood Avenue only.

Respectfully Submitted,

Sgt. Anthony Varrone
Traffic Sergeant, Rotterdam Police Department

RESOLUTION NO. 171.24

TO APPROVE THE CHANGE OF BUSINESS HOURS AT TOWN HALL

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby approves the business hours of Town Hall in each department to be 8:00 a.m. to 4:00 p.m. commencing May 1st, 2024, and to remain in effect for each calendar year to follow.

SECTION 2. This resolution shall be effective April 10, 2024

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

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Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE:	April 3, 2024
TO:	Town Board
FROM:	Mollie A. Collins, Supervisor
TITLE OF REQUEST:	Change of business hours for Town Hall
TOWN BOARD MEETING:	April 10, 2024
Background Information:	Currently the hours at Town Hall vary by each department, and brings confusion to residents. Hours are also different in the Summer months for various departments which causes further inconsistency.
Evaluation/Analysis:	In recent discussions with department heads at Town Hall, it was determined that setting Town Hall business hours consistently across the board for each department would better serve the residents.
Recommendation(s):	Change the business hours for each department within Town Hall to 8:00am – 4:00pm year-round.
Attachment/Document(s):	N/A
Compliance with Purchasing Policy:	N/A
Effect(s) on Existing Law(s):	N/A
LEGISLATION WILL BE PREPARED BY:	Supervisors Office

DRAFT

RESOLUTION NO. 172.24

TO AUTHORIZE THE PURCHASE AN I-MOP XL PLUS MACHINE FOR THE SENIOR CITIZENS CENTER

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby authorizes the purchase of one (1) I-Mop XL Plus w/battery & charger auto disk scrubber from Hill & Markes Inc., located at 1997 State Highway 5S, Amsterdam, New York 12010, for the amount not to exceed five thousand forty-seven and 02/100 ($5,047.02) dollars.

SECTION 2. This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE:	March 28, 2024
TO:	Mollie Collins, Town Supervisor
FROM:	Lloyd Denny, Building Inspector
TITLE OF REQUEST:	To purchase an I-Mop XL Plus
TOWN BOARD MEETING:	April 10, 2024
Background Information:	The Senior Center is in need of a floor cleaning machine.
Evaluation/Analysis:	The I-Mop XL Plus is more efficient and reduces labor time (this is the highlighted item in the quote).
Recommendation(s):	Authorize the purchase of 1 I-Mop XL Plus w/battery and Charger Auto Disk Scrubber.
Attachment/Document(s):	Quote from Hill & Markes, Inc. which is on State contract.
Compliance with Purchasing Policy:	Yes
Effect(s) on Existing Law(s):	N/A
LEGISLATION WILL BE PREPARED BY:	Supervisors Office

DRAFT

hill & markes SINCE 1906 INC.
WHOLESALE DISTRIBUTORS
1997 STATE HIGHWAY 5S • AMSTERDAM, NEW YORK 12010
(800) 836-4455 • www.hillnmarkes.com • FAX: (518) 842-1207
We Provide Sustainable Solutions

QUOTE

QUOTE DATE	ORDER NO.
03/04/24	2876276-00
P.O. NO.	PAGE #
.	1

CUST.#: 878

SHIP TO: SENIOR CITIZEN CENTER
2639 HAMBURG STREET
ROTTERDAM, NY 12306

CORRESPONDENCE TO: HILL & MARKES, INC.
1997 ST HWY 5S
AMSTERDAM, NY 12010

BILL TO: ROTTERDAM TOWN HALL ATTN:A/P
1100 SUNRISE BLVD
ROTTERDAM, NY 12306

INSTRUCTIONS	TERMS	
	NET 30 DAYS	
SHIP POINT	SHIP VIA	SHIPPED
HILL & MARKES	HILL&MARKES	

LINE NO.	PRODUCT AND DESCRIPTION	QUANTITY ORDERED	QTY. U/M	UNIT PRICE	AMOUNT (NET)
	I am pleased to quote you the following:				
1	TEN1263271 **I-MOP LITE W/BATTERY & CHRGR AUTO DISK SCRUBR	1	EA	3750.88015	3750.88
2	TEN1264254 I-MOP XL PLUS W/BATTERY & CHRGR AUTO DISK SCRUBR	1	EA	5047.01999	5047.02
3	TENLPTB03328 CS16 MICRO WALK BEHIND FLOOR SCRUBBER EA	1	EA	3539.16005	3539.16

Thank you for the opportunity to quote. I look forward to serving your supply needs.

Yours truly,

MARIE MAZONE

Hill & Markes, Inc.

DRAFT

Last Page

RESOLUTION NO. 173.24

TO ENACT INTRODUCTORY LOCAL LAW NO. 5 OF 2024; TO ESTABLISH A SIX (6) MONTH EXTENSION TO LOCAL LAW 8 OF 2023 WHICH ESTABLISHED A SIX (6) MONTH MORATORIUM PROHIBITING BATTERY ENERGY STORAGE SYSTEM INSTALLATIONS WITH IN THE TOWN OF ROTTERDAM

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board hereby enacts Introductory Local Law No. 5 of 2024.

SECTION 2. The Town Clerk is directed, following consultation with the Attorney to the Town, to file said Local Law in final form with the New York State Department of State.

SECTION 3. This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

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LEGISLATIVE REQUEST FORM

DATE: April 5, 2024

TO: Town Board

FROM: Joseph Mastroianni, Energy Committee liaison

TITLE OF REQUEST: Six (6) month moratorium on Battery Energy Storage System (BESS) installations within the Town of Rotterdam

TOWN BOARD MEETING: April 10, 2024

Background Information: The Rotterdam Energy Advisory Committee was created to help the Town address its energy use and adopt Code that maintains the goals of the Comprehensive Plan, while accounting for the aggressive renewable energy goals of the 2019 NYS Climate Leadership and Community Protection Act that seeks to rapidly expand solar, wind, and battery storage in upstate New York.

Evaluation/Analysis: The Energy Committee has made great headway researching and rewriting BESS Code, but in light of the Governor's Working Group formed to address the fires at BESS facilities last summer, the Committee has focused its efforts on finalizing Solar Code and is waiting on a finished work product from the State with industry standards for how to cite and build Battery Energy Storage Systems minimizing air, ground, and water pollution, without depleting municipal water, or overburdening volunteer fire companies.

Recommendation(s): I recommend extending the BESS moratorium for an additional 6 months, keeping an eye on news and publications from the Governor's Working Group. If there are any public meetings or sessions in Albany, I recommend representatives from the Town and Energy Advisory Committee participate. If guidelines are published, the Energy Committee should be able to work with those guidelines to help draft BESS Code rather quickly. If no further guidance is published before the end of this moratorium, I recommend extending it until State recommendations are published.

Attachment/Document(s): Proposed Local Law 5 of 2024 to extend

Compliance with Purchasing Policy: N/A

Effect(s) on Existing Law(s): Extension of Local Law 8 of 2023

LEGISLATION WILL BE PREPARED BY: Supervisors Office

New York State Department of State
Division of Corporations, State Records and Uniform Commercial Code
One Commerce Plaza, 99 Washington Avenue
Albany, NY 12231-0001
www.dos.ny.gov

Local Law Filing

(Use this form to file a local law with the Secretary of State.)

Text of law should be given as amended. Do not include matter being eliminated and do not use italics or underlining to indicate new matter.

☐ **County** ☐ **City** ☒ **Town** ☐ **Village**
(Select one:)

of Rotterdam

Local Law No. 5 **of the year 20**24

A local law TO ESTABLISH A SIX (6) MONTH EXTENSION TO LOCAL LAW 8 OF 2023
(Insert Title)
WHICH ESTABLISHED A SIX (6) MONTH MORATORIUM PROHIBITING BATTERY
ENERGY STORAGE SYSTEM INSTALLATIONS WITH IN THE TOWN OF
ROTTERDAM

Be it enacted by the Town Board **of the**
(Name of Legislative Body)

☐ **County** ☐ **City** ☒ **Town** ☐ **Village**
(Select one:)

of Rotterdam **as follows:**

See attached

DRAFT

(If additional space is needed, attach pages the same size as this sheet, and number each.)

(Complete the certification in the paragraph that applies to the filing of this local law and strike out that which is not applicable.)

1. (Final adoption by local legislative body only.)

I hereby certify that the local law annexed hereto, designated as local law No. 5 of 2024 of the (~~County~~)(~~City~~)(Town)(~~Village~~) of Rotterdam was duly passed by the Town Board on April 10 2024, in accordance with the applicable provisions of law.

(Name of Legislative Body)

2. (Passage by local legislative body with approval, no disapproval or repassage after disapproval by the Elective Chief Executive Officer*.)

I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)

(Name of Legislative Body)

(repassed after disapproval) by the _____ and was deemed duly adopted

(Elective Chief Executive Officer)*

on _____ 20☐☐, in accordance w ith the applicable provisions of law.

3. (Final adoption by referendum.)

I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)

(Name of Legislative Body)

(repassed after disapproval) by the _____ on _____ 20____.

(Elective Chief Executive Officer)*

Such local law was submitted to the people by reason of a (mandatory)(permissive) referendum, and received the affirmative vote of a majority of the qualified electors voting thereon at the (general)(special)(annual) election held on _____ 20____, in accordance with the applicable provisions of law.

4. (Subject to permissive referendum and final adoption because no valid petition was filed requesting referendum.)

I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)

(Name of Legislative Body)

(repassed after disapproval) by the _____ on _____ 20____. Such local law was subject to permissive referendum and no valid petition requesting such referendum was filed as of _____ 20____, in accordance with the applicable provisions of law.

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* Elective Chief Executive Officer means or includes the chief executive officer of a county elected on a county-wide basis or, if there be none, the chairperson of the county legislative body, the mayor of a city or village, or the supervisor of a town where such officer is vested with the power to approve or veto local laws or ordinances.

5. (City local law concerning Charter revision proposed by petition.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the City of _____ having been submitted to referendum pursuant to the provisions of section (36)(37) of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of such city voting thereon at the (special)(general) election held on _____ 20____ , became operative.

6. (County local law concerning adoption of Charter.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the County of _____State of New York, having been submitted to the electors at the General Election of November _____ 20____, pursuant to subdivisions 5 and 7 of section 33 of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of the cities of said county as a unit and a majority of the qualified electors of the towns of said county considered as a unit voting at said general election, became operative.

(If any other authorized form of final adoption has been followed, please provide an appropriate certification.)
I further certify that I have compared the preceding local law with the original on file in this office and that the same is a correct transcript therefrom and of the whole of such original local law, and was finally adopted in the manner indicated in paragraph ,_____ above.

_____
Clerk of the county legislative body, City, Town or Village Clerk or officer designated by local legislative body

(Seal)

Date: _____

DRAFT

LOCAL LAW ESTABLISHING A TEMPORARY LAND USE MORATORIUM PROHIBITING BATTERY ENERGY STORAGE SYSTEM INSTALLATIONS WITHIN THE TOWN OF ROTTERDAM.

Be it enacted by the Town Board of the Town of Rotterdam as follows:

SECTION 1. TITLE

This Local Law shall be known as the "Moratorium and Prohibition of Battery Energy Storage System Installations within the Town of Rotterdam."

SECTION 2. STATUTORY AUTHORITY PURPOSE AND INTENT.

This Local Law is intended to be consistent with and is adopted pursuant to the authority granted to the Town Board of the Town of Rotterdam under the New York State Constitution, and the Laws of the State of New York including but not limited to the following authorities: New York State Constitution Article IX, Section 2 (c) (ii)(6)m (10)l Municipal Home Rule Law § 10(2); Municipal Home Rule Law §10(3); Municipal Home Rule Law §10(4)(a), and (b) and (15); Town Law §135; Town Law Article 16 (Zoning & Planning) inclusive; Environmental Conservation Law §3-0301 (1)(b), 3-0301(2)(m) and 8-0113 and 6 NYCRR Part 61, also known as the State Environmental Quality Review Act as it pertains to applications that are neither excluded nor exempt from this local law.

This Local Law is land use regulation. This Local Law is intended and is hereby declared to address matters of local concern, and it is declared that it is not the intention of the Town to address matters of statewide concern. This Local Law is intended to act as and is hereby declared to exercise the permissive "incidental control" of a zoning law and land use law that is concerned with the broad area of land use planning and the physical use of land and property within the Town, including the physical externalities associated with certain land uses, such as potential negative impacts of such uses on a community.

This Local Law shall supersede and suspend those provisions of the Code of the Town of Rotterdam and New York state law which require the Planning Board and/or the Town Code Enforcement officer to accept, process, and approve land use applications within certain statutory time periods.

This Local Law is intended to temporarily prohibit the creation or siting of battery energy storage system installations (as herein later defined) within the Town of Rotterdam for a period of up to six (6) months, pending the development and adoption of local laws and/or ordinances designed to regulate and govern such installations.

The Town Board recognizes and acknowledges that the Town needs to study and analyze many considerations that affect the preparation of local legislation to regulate the future creation and siting of battery energy storage system installations. The Town Board has formally requested the Building and Zoning Department and the Planning Board and the Energy Committee of the Town of Rotterdam to identify and review local laws from other jurisdictions, and related information and source materials, in order to assist in developing the parameters of a local law to regulate battery energy storage system installations. The Town Board has directed the Town Attorney to assist in this endeavor.

The Town Board also recognized the need to review and examine its existing ordinance, local laws and Zoning Code provisions insofar as they may be affected by adoption of such local law(s) regulating the creation and/or siting of battery energy storage system installations. It is deemed necessary to enact this moratorium in order to permit the Town adequate time in which to draft suitable legislation for this

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purpose. During the term of the moratorium the Town of Rotterdam shall work to prepare and eventually adopt new land use regulations to incorporate into the Town's existing Zoning Code.

Currently, there is one pending applications for the location, development or site plan approval of battery energy storage system installation. The BlueWave Battery Site application has made significant progress through the planning process for the proposed Battery Storage Facility located at 635 Mariaville Road in the Town of Rotterdam. That application shall be exempt from this Moratorium.

During the pendency of the moratorium, the Town Board will consider how best to permit such installations so as to harmoniously integrate such installations with the existing agricultural community and landscape and to mitigate potential undesirable environmental impacts that may be associated with such use. At present, the Zoning Code of the Town of Rotterdam may not adequately regulate such land use. If the community allows such development during that time the goals of the Town could be undermined or damaged. Moratoria are useful in controlling or temporarily inhibiting development until satisfactory final regulations are adopted.

For these reasons, the Town Board finds that temporary moratorium legislation is both advisable and necessary for a reasonable and defined period of time in order to develop and adopt necessary zoning and land use changes to the Zoning Code of the Town of Rotterdam, thus protecting and furthering the public interest, health and safety.

SECTION 3. DEFINITIONS.

For purposes of this Local Law, the following terms shall have the meanings respectively set forth below:

Battery Energy Storage System Installation(s) – Any installation of a rechargeable energy storage system, consisting of electrochemical storage batteries or similar technology, battery charges, controls, power condition systems, inverters, transformers, switchgears and associated electrical equipment designed to store electoral power received from a generating or transmission source and periodically discharging power from the battery energy storage system into the power grid. Systems typically used to provide standby or emergency power and/or an uninterruptable power supply, load shedding, load sharing, or similar capabilities relating to the energy consumed by a residence, farm operation or business on site shall not be considered a "Battery Energy Storage System Installation" for purposes of the Moratorium.

SECTION 4. TEMPORARY MORATORIUM and PROHIBITION.

A. Unless permitted pursuant to Section 5 hereafter, from and after the date of this Local Law, no application for a permit, zoning permit, special permit, zoning variance, building permit, operating permit, site plan approval, subdivision approval, certificate of occupancy, certificate of compliance, temporary certificate, or other Town-level approval of any nature shall be accepted, processed, entertained, approved, approved conditionally, or issued by any board, employee, official or agent of the Town of Rotterdam, for the construction establishment or use or operation of any land, body of water, building, or other structure located within the Town of Rotterdam, for any Battery Energy Storage System Installation, as defined above, except for the projects specifically exempted by this moratorium.

B. Unless permitted pursuant to Section 5 hereafter, from the after the date of this Local Law, no person, entity or business shall use, cause, or permit to be used, any land, body of water, building, or other

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structure located within the Town of Rotterdam for any Battery Energy Storage System Installation, as defined above.

C. The prohibitions set forth above in Clauses A. and B. of this Section 4. Are not intended, and shall not be construed, to prevent or prohibit the use and development of battery energy storage systems that are typically used to provide standby or emergency power and/or an uninterruptable power supply, load shedding, load sharing, or similar capabilities and that are for personal or individual use on or about any residence or place of business, or any farm operation.

D. This moratorium and prohibition shall be in effect beginning on the effective date of this Local Law and shall expire on the earlier of (i) that date which is six (6) months after said effective date; or (ii) the effective date of a Town Board resolution affirmatively stating the Town Board has determined that the need for this moratorium and prohibition no longer exists.

E. This moratorium and prohibition shall apply to all real property within the Town of Rotterdam, and all land use applications for the siting or creation of Battery Energy Storage System Installation within the Town of Rotterdam.

F. Under no circumstances shall the failure of the Town Board of the Town of Rotterdam, the Zoning Board of Appeals of the Town of Rotterdam, the Planning Board of the Town of Rotterdam, or the Code Enforcement Officer for the Town of Rotterdam to take any action upon any application for a permit, zoning permit, special permit, zoning variance, building permit, operating permit, site plan approval, subdivision approval, certificate of occupancy, certificate of compliance, temporary certificate, or any other Town level approval related to Battery Energy Storage System Installation constitute an approval by default or an approval by virtue of expiration of time to respond to such application.

SECTION 5. HARDSHIP VARIANCE RELIEF FROM APPLICABILITY OF MORATORIUM.

Applications for land use otherwise subject to this moratorium may be exempted from the provisions of this Local Law following a noticed public hearing before the Town Board. It is specifically intended that this moratorium shall supersede New York State law which would otherwise confer exclusive variance authority to the Zoning Board of Appeals. Following a written request for hardship variance relief, within sixty (60) days of receipt of such request, a noticed public hearing shall be held, at which hearing the Town Board may, but is not limited to consider:

A. The proximity of applicant's premises or the subject of applicant's request for relief to natural resources, including but not limited to prime agricultural soils, wetland areas, conservation districts and other areas of environmental concern.

B. The impact of the proposed application on the applicant's premises and upon the surrounding area.

C. Compatibility of the proposed application with the existing land use and character of the area in general proximity to the subject of the application, and its effect upon aesthetic resources of the community.

D. Compatibility of the proposed application with the recommendations of any administrative body charged with such review by the Town of Rotterdam.

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E. The written opinion of the Town of Rotterdam Planning Board and the Town of Rotterdam Code Enforcement Officer that such application may be jeopardized or made impractical by waiting until the moratorium is expired.

F. Evidence specifying in detail the nature and level of any alleged hardship imposed on the property owner(s) as result of this moratorium.

G. Such other considerations and issues as may be raised by the Town Board.

In making a determination concerning a proposed exemption or grant of relief from application of the moratorium, the Town Board may obtain and consider reports and information from any source it deems to be helpful with review of said application. A grant of relief from application of the moratorium shall include a determination of unreasonable hardship upon the property owner (or if there are multiple property owners, a determination that each such owner shall suffer an unreasonable hardship) which is unique to the property owner(s), a finding that there are sufficient existing regulations to adequately govern the application for which a hardship waiver is being requested, and a finding that the grant or an exemption will be in harmony with, and will be consistent with an existing Town of Rotterdam Zoning Ordinance and the recommendation of the Comprehensive Plan as such may exist.

An application for relief from the prohibitions of the moratorium shall be accompanied by fee a $500, together with the applicant's written undertaking in a form to be approved by the Attorney for the Town, to pay all of the expenses of the Town Board and any agent or consultant retained by the Town Board to evaluate and consider the merits of such application, including but not limited to any fees incurred by the Town of services provided by the Attorney of the Town.

SECTION 6. PENALTIES.

A. Failure to comply with any of the provisions of this Local Law shall be an unclassified misdemeanor as contemplated by Article 10 and Section 80.05 of the New York State Penal Law, and, upon conviction thereof, shall be punishable by a fine of not more than One Thousand Five Hundred Dollars ($1,500) or imprisonment for not more than 10 days, or both for the first offense. Any subsequent offense within a three-month period shall be punishable by a fine of not more than Two Thousand Five Hundred Dollars ($2,500) or imprisonment for a period of not more than 30 days, or both. For purposes of this Clause:

A. each day that a violation of this Local Law exists shall constitute a separate and distinct offense.

B. Compliance with this Local Law may also be compelled and violations restrained by order or by injection of a court of competent jurisdiction, in an action brought on behalf of the Town by the Town Board.

C. In the event the Town is required to take legal action to enforce this Local Law, the violator will be responsible for any and all costs incurred by the Town relative thereto, including attorney's fees, and such amount shall be determined and assessed by the court. If such expense is not paid in full within 30 days from the date it is determined and assessed by the Court, such expense shall be charged to the propert(ies) within the Town on which the violation occurred, by including such expense in the next

DRAFT

annual Town tax levy against such property, and such expense shall be lien upon such property until paid.

SECTION 7. CONFLICTS.

For and during the stated term of this legislation, unless the stated term thereof shall be modified or abridged by the Town Board, this moratorium shall take precedence over and shall control over any contradictory local law, ordinance, regulation for Zoning Ordinance provision.

SECTION 8. SEVERABILITY.

If any word, phrase, sentence, part, section, subsection, or other portion of this Local Law, or the application thereof to any person or to any circumstance, is adjudged or declared invalid or unenforceable by a court or other tribunal of competent jurisdiction, then, and in such event, such judgement or declaration shall be continued in its interpretation and operation only to the provision of this Local Law that is directly involved in the controversy in which such judgment or declaration is rendered, and such judgement or declaration of invalidity or unenforceability shall not affect or impair the validity or enforceability of the remainder of this Local Law or the application hereof to any other persons or circumstances. If necessary, as to such person or circumstances such invalid or unenforceable provision shall be and be deemed severed here from, and the Town Board of the Town hereby declares that it would have enacted this Local Law, or the remainder thereof, even if, as to provisions and persons or circumstances, a portion hereof is severed or declared invalid or unenforceable.

SECTION 9. EFFECTIVE DATE.

The effective date of this Local Law shall be immediately upon its filing with the Secretary of State.

DRAFT

RESOLUTION NO. 174.24

TO ENACT INTRODUCTORY LOCAL LAW NO. 6 OF 2024; TO ESTABLISH A SIX (6) MONTH EXTENSION TO LOCAL LAW 9 OF 2023 WHICH ESTABLISHED A SIX (6) MONTH MORATORIUM PROHIBITING WIND GENERATION SYSTEM INSTALLATIONS WITH IN THE TOWN OF ROTTERDAM

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board hereby enacts Introductory Local Law No. 6 of 2024.

SECTION 2. The Town Clerk is directed, following consultation with the Attorney to the Town, to file said Local Law in final form with the New York State Department of State.

SECTION 3. This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT

TOWN OF ROTTERDAM

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE: April 5, 2024

TO: Town Board

FROM: Joseph Mastroianni, Energy Committee Liaison

TITLE OF REQUEST: Six (6) month moratorium on wind generation systems

TOWN BOARD MEETING: April 10, 2024

Background Information: The Town of Rotterdam has had a moratorium on large-scale wind turbine projects despite there not being any interest in any such projects.

Evaluation/Analysis: The Energy Advisory Committee would like to help shape Town Code that could incentivize wind energy generating systems in line with the Comprehensive Plan, and the spirit and intent in the soon to be adopted Solar Code.

Recommendation(s): I recommend continuing the moratorium on wind generation systems until new Code is in place.

Attachment/Document(s): Proposed Local Law 6 of 2024 to extend moratorium.

Compliance with Purchasing Policy: N/A

Effect(s) on Existing Law(s): Extension of Local Law9 of 2023

LEGISLATION WILL BE PREPARED BY: Supervisors Office

Local Law Filing

(Use this form to file a local law with the Secretary of State.)

Text of law should be given as amended. Do not include matter being eliminated and do not use italics or underlining to indicate new matter.

☐ **County** ☐ **City** ☒ **Town** ☐ **Village**
(Select one:)

of Rotterdam

Local Law No. 6 **of the year 20**24

A local law TO ESTABLISH A SIX (6) MONTH EXTENSION TO LOCAL LAW 9 OF 2023
(Insert Title)
WHICH ESTABLISHED A SIX (6) MONTH MORATORIUM PROHIBITING WIND
GENERATION SYSTEM INSTALLATIONS WITH IN THE TOWN OF ROTTERDAM

Be it enacted by the Town Board **of the**
(Name of Legislative Body)

☐ **County** ☐ **City** ☒ **Town** ☐ **Village**
(Select one:)

of Rotterdam **as follows:**

See attached

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(If additional space is needed, attach pages the same size as this sheet, and number each.)

(Complete the certification in the paragraph that applies to the filing of this local law and strike out that which is not applicable.)

1. (Final adoption by local legislative body only.)

I hereby certify that the local law annexed hereto, designated as local law No. 6 of 2024 of the (~~County~~)(~~City~~)(Town)(~~Village~~) of Rotterdam was duly passed by the Town Board on April 10 2024, in accordance with the applicable
(Name of Legislative Body)
provisions of law.

2. (Passage by local legislative body with approval, no disapproval or repassage after disapproval by the Elective Chief Executive Officer*.)

I hereby certify that the local law annexed hereto, designated as local law No. of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ and was deemed duly adopted
(Elective Chief Executive Officer)*
on _____ 20☐☐, in accordance w ith the applicable provisions of law.

3. (Final adoption by referendum.)

I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ on _____ 20____.
(Elective Chief Executive Officer)*

Such local law was submitted to the people by reason of a (mandatory)(permissive) referendum, and received the affirmative vote of a majority of the qualified electors voting thereon at the (general)(special)(annual) election held on _____ 20____, in accordance with the applicable provisions of law.

4. (Subject to permissive referendum and final adoption because no valid petition was filed requesting referendum.)

I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the (County)(City)(Town)(Village) of _____ was duly passed by the _____ on _____ 20____, and was (approved)(not approved)
(Name of Legislative Body)
(repassed after disapproval) by the _____ on _____ 20____. Such local
(Elective Chief Executive Officer)*
law was subject to permissive referendum and no valid petition requesting such referendum was filed as of _____ 20____, in accordance with the applicable provisions of law.

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* Elective Chief Executive Officer means or includes the chief executive officer of a county elected on a county-wide basis or, if there be none, the chairperson of the county legislative body, the mayor of a city or village, or the supervisor of a town where such officer is vested with the power to approve or veto local laws or ordinances.

5. (City local law concerning Charter revision proposed by petition.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the City of _____ having been submitted to referendum pursuant to the provisions of section (36)(37) of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of such city voting thereon at the (special)(general) election held on _____ 20____ , became operative.

6. (County local law concerning adoption of Charter.)
I hereby certify that the local law annexed hereto, designated as local law No. _____ of 20____ of the County of _____State of New York, having been submitted to the electors at the General Election of November _____ 20____, pursuant to subdivisions 5 and 7 of section 33 of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of the cities of said county as a unit and a majority of the qualified electors of the towns of said county considered as a unit voting at said general election, became operative.

(If any other authorized form of final adoption has been followed, please provide an appropriate certification.)
I further certify that I have compared the preceding local law with the original on file in this office and that the same is a correct transcript therefrom and of the whole of such original local law, and was finally adopted in the manner indicated in paragraph ,_____ above.

_____
Clerk of the county legislative body, City, Town or Village Clerk or officer designated by local legislative body

(Seal)

Date: _____

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LOCAL LAW ESTABLISHING A TEMPORARY LAND USE MORATORIUM PROHIBITING WIND GENERATION SYSTEM INSTALLATIONS WITHIN THE TOWN OF ROTTERDAM.

Be it enacted by the Town Board of the Town of Rotterdam as follows:

SECTION 1. TITLE

This Local Law shall be known as the "Moratorium and Prohibition of Wind Generation System Installations within the Town of Rotterdam."

SECTION 2. STATUTORY AUTHORITY PURPOSE AND INTENT.

This Local Law is intended to be consistent with and is adopted pursuant to the authority granted to the Town Board of the Town of Rotterdam under the New York State Constitution, and the Laws of the State of New York including but not limited to the following authorities: New York State Constitution Article IX, Section 2 (c) (ii)(6)m (10)l Municipal Home Rule Law § 10(2); Municipal Home Rule Law §10(3); Municipal Home Rule Law §10(4)(a), and (b) and (15); Town Law §135; Town Law Article 16 (Zoning & Planning) inclusive; Environmental Conservation Law §3-0301 (1)(b), 3-0301(2)(m) and 8-0113 and 6 NYCRR Part 61, also known as the State Environmental Quality Review Act as it pertains to applications that are neither excluded nor exempt from this local law.

This Local Law is land use regulation. This Local Law is intended and is hereby declared to address matters of local concern, and it is declared that it is not the intention of the Town to address matters of statewide concern. This Local Law is intended to act as and is hereby declared to exercise the permissive "incidental control" of a zoning law and land use law that is concerned with the broad area of land use planning and the physical use of land and property within the Town, including the physical externalities associated with certain land uses, such as potential negative impacts of such uses on a community.

This Local Law shall supersede and suspend those provisions of the Code of the Town of Rotterdam and New York state law which require the Planning Board and/or the Town Code Enforcement officer to accept, process, and approve land use applications within certain statutory time periods.

This Local Law is intended to temporarily prohibit the creation or siting of wind generation system installations (as herein later defined) within the Town of Rotterdam for a period of up to six (6) months, pending the development and adoption of local laws and/or ordinances designed to regulate and govern such installations.

The Town Board recognizes and acknowledges that the Town needs to study and analyze many considerations that affect the preparation of local legislation to regulate the future creation and siting of wind generation system installations. The Town Board has formally requested the Building and Zoning Department and the Planning Board and the Energy Committee of the Town of Rotterdam to identify and review local laws from other jurisdictions, and related information and source materials, in order to assist in developing the parameters of a local law to regulate wind generation system installations. The Town Board has directed the Town Attorney to assist in this endeavor.

The Town Board also recognized the need to review and examine its existing ordinance, local laws and Zoning Code provisions insofar as they may be affected by adoption of such local law(s) regulating the creation and/or siting of wind generation system installations. It is deemed necessary to enact this moratorium in order to permit the Town adequate time in which to draft suitable legislation for this

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purpose. During the term of the moratorium the Town of Rotterdam shall work to prepare and eventually adopt new land use regulations to incorporate into the Town's existing Zoning Code.

Currently, there are no pending applications for the location, development or site plan approval of a wind generation system.

During the pendency of the moratorium, the Town Board will consider how best to permit such installations so as to harmoniously integrate such installations with the existing agricultural community and landscape and to mitigate potential undesirable environmental impacts that may be associated with such use. At present, the Zoning Code of the Town of Rotterdam may not adequately regulate such land use. If the community allows such development during that time the goals of the Town could be undermined or damaged. Moratoria are useful in controlling or temporarily inhibiting development until satisfactory final regulations are adopted.

For these reasons, the Town Board finds that temporary moratorium legislation is both advisable and necessary for a reasonable and defined period of time in order to develop and adopt necessary zoning and land use changes to the Zoning Code of the Town of Rotterdam, thus protecting and furthering the public interest, health and safety.

SECTION 3. DEFINITIONS.

For purposes of this Local Law, the following terms shall have the meanings respectively set forth below:

Wind Generation System Installation- Any installation that converts the kinetic energy available in the wind to mechanical energy that can be used to operate an electrical generator. wind generation systems specifically do not include any system utilized for the on-site consumption of a business or residence that does not generate more than 5 kWh of electrical power in total.

SECTION 4. TEMPORARY MORATORIUM and PROHIBITION.

A. Unless permitted pursuant to Section 5 hereafter, from and after the date of this Local Law, no application for a permit, zoning permit, special permit, zoning variance, building permit, operating permit, site plan approval, subdivision approval, certificate of occupancy, certificate of compliance, temporary certificate, or other Town-level approval of any nature shall be accepted, processed, entertained, approved, approved conditionally, or issued by any board, employee, official or agent of the Town of Rotterdam, for the construction establishment or use or operation of any land, body of water, building, or other structure located within the Town of Rotterdam, for any wind generation system Installation, as defined above, except for the projects specifically exempted by this moratorium.

B. Unless permitted pursuant to Section 5 hereafter, from the after the date of this Local Law, no person, entity or business shall use, cause, or permit to be used, any land, body of water, building, or other structure located within the Town of Rotterdam for any wind generation system installation, as defined above.

C. The prohibitions set forth above in Clauses A. and B. of this Section 4. Are not intended, and shall not be construed, to prevent or prohibit the use and development of wind generation systems that are typically used to provide standby or emergency power and/or an uninterruptable power supply, load shedding, load sharing, or similar capabilities and that are for personal or individual use on or about any residence or place of business, or any farm operation.

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D. This moratorium and prohibition shall be in effect beginning on the effective date of this Local Law and shall expire on the earlier of (i) that date which is six (6) months after said effective date; or (ii) the effective date of a Town Board resolution affirmatively stating the Town Board has determined that the need for this moratorium and prohibition no longer exists.

E. This moratorium and prohibition shall apply to all real property within the Town of Rotterdam, and all land use applications for the siting or creation of wind generation system installation within the Town of Rotterdam.

F. Under no circumstances shall the failure of the Town Board of the Town of Rotterdam, the Zoning Board of Appeals of the Town of Rotterdam, the Planning Board of the Town of Rotterdam, or the Code Enforcement Officer for the Town of Rotterdam to take any action upon any application for a permit, zoning permit, special permit, zoning variance, building permit, operating permit, site plan approval, subdivision approval, certificate of occupancy, certificate of compliance, temporary certificate, or any other Town level approval related to wind generation system installation constitute an approval by default or an approval by virtue of expiration of time to respond to such application.

SECTION 5. HARDSHIP VARIANCE RELIEF FROM APPLICABILITY OF MORATORIUM.

Applications for land use otherwise subject to this moratorium may be exempted from the provisions of this Local Law following a noticed public hearing before the Town Board. It is specifically intended that this moratorium shall supersede New York State law which would otherwise confer exclusive variance authority to the Zoning Board of Appeals. Following a written request for hardship variance relief, within sixty (60) days of receipt of such request, a noticed public hearing shall be held, at which hearing the Town Board may, but is not limited to consider:

A. The proximity of applicant's premises or the subject of applicant's request for relief to natural resources, including but not limited to prime agricultural soils, wetland areas, conservation districts and other areas of environmental concern.

B. The impact of the proposed application on the applicant's premises and upon the surrounding area.

C. Compatibility of the proposed application with the existing land use and character of the area in general proximity to the subject of the application, and its effect upon aesthetic resources of the community.

D. Compatibility of the proposed application with the recommendations of any administrative body charged with such review by the Town of Rotterdam.

E. The written opinion of the Town of Rotterdam Planning Board and the Town of Rotterdam Code Enforcement Officer that such application may be jeopardized or made impractical by waiting until the moratorium is expired.

F. Evidence specifying in detail the nature and level of any alleged hardship imposed on the property owner(s) as result of this moratorium.

G. Such other considerations and issues as may be raised by the Town Board.

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In making a determination concerning a proposed exemption or grant of relief from application of the moratorium, the Town Board may obtain and consider reports and information from any source it deems to be helpful with review of said application. A grant of relief from application of the moratorium shall include a determination of unreasonable hardship upon the property owner (or if there are multiple property owners, a determination that each such owner shall suffer an unreasonable hardship) which is unique to the property owner(s), a finding that there are sufficient existing regulations to adequately govern the application for which a hardship waiver is being requested, and a finding that the grant or an exemption will be in harmony with, and will be consistent with an existing Town of Rotterdam Zoning Ordinance and the recommendation of the Comprehensive Plan as such may exist.

An application for relief from the prohibitions of the moratorium shall be accompanied by fee a $500, together with the applicant's written undertaking in a form to be approved by the Attorney for the Town, to pay all of the expenses of the Town Board and any agent or consultant retained by the Town Board to evaluate and consider the merits of such application, including but not limited to any fees incurred by the Town of services provided by the Attorney of the Town.

SECTION 6. PENALTIES.

A. Failure to comply with any of the provisions of this Local Law shall be an unclassified misdemeanor as contemplated by Article 10 and Section 80.05 of the New York State Penal Law, and, upon conviction thereof, shall be punishable by a fine of not more than One Thousand Five Hundred Dollars ($1,500) or imprisonment for not more than 10 days, or both for the first offense. Any subsequent offense within a three-month period shall be punishable by a fine of not more than Two Thousand Five Hundred Dollars ($2,500) or imprisonment for a period of not more than 30 days, or both. For purposes of this Clause:

A. each day that a violation of this Local Law exists shall constitute a separate and distinct offense.

B. Compliance with this Local Law may also be compelled and violations restrained by order or by injection of a court of competent jurisdiction, in an action brought on behalf of the Town by the Town Board.

C. In the event the Town is required to take legal action to enforce this Local Law, the violator will be responsible for any and all costs incurred by the Town relative thereto, including attorney's fees, and such amount shall be determined and assessed by the court. If such expense is not paid in full within 30 days from the date it is determined and assessed by the Court, such expense shall be charged to the propert(ies) within the Town on which the violation occurred, by including such expense in the next annual Town tax levy against such property, and such expense shall be lien upon such property until paid.

SECTION 7. CONFLICTS.

For and during the stated term of this legislation, unless the stated term thereof shall be modified or abridged by the Town Board, this moratorium shall take precedence over and shall control over any contradictory local law, ordinance, regulation for Zoning Ordinance provision.

SECTION 8. SEVERABILITY.

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If any word, phrase, sentence, part, section, subsection, or other portion of this Local Law, or the application thereof to any person or to any circumstance, is adjudged or declared invalid or unenforceable by a court or other tribunal of competent jurisdiction, then, and in such event, such judgement or declaration shall be continued in its interpretation and operation only to the provision of this Local Law that is directly involved in the controversy in which such judgment or declaration is rendered, and such judgement or declaration of invalidity or unenforceability shall not affect or impair the validity or enforceability of the remainder of this Local Law or the application hereof to any other persons or circumstances. If necessary, as to such person or circumstances such invalid or unenforceable provision shall be and be deemed severed here from, and the Town Board of the Town hereby declares that it would have enacted this Local Law, or the remainder thereof, even if, as to provisions and persons or circumstances, a portion hereof is severed or declared invalid or unenforceable.

SECTION 9. EFFECTIVE DATE.

The effective date of this Local Law shall be immediately upon its filing with the Secretary of State.

DRAFT

RESOLUTION NO. 175.24

TO APPROVE BUDGET TRANSFERS TO THE 2024 BUDGET

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. Pursuant to Section 36 of the General Municipal Law of the State of New York and Sections 102, 112 and 113 of Town Law of the State of New York, regarding the Uniform System of Accounts, the following transfers to the various accounts for **2024** are hereby audited and approved:

Fund	*Account No.*		*Title*	*Amount*
W5	W58340 4889	FROM:	Backfill/Pavement Repair	-4,655.00
W5	W58340 4888	INTO:	Lg Diameter Main Repair	+4,655.00
General	A1620 4601	FROM:	Preventive Main & Supply	-205.50
Hwy	DA5142 4713	INTO:	Hwy Salt	+205.50

SECTION 2. This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

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TOWN OF ROTTERDAM

John F. Kirvin Government Center • 1100 Sunrise Boulevard • Rotterdam, NY 12306
Telephone: 518-355-7575 • Fax: 518-355-7976 • Website: www.rotterdamny.org

LEGISLATIVE REQUEST FORM

DATE: **April 3, 2024**

TO: **Mollie A. Collins, Supervisor**

FROM: **Comptroller's Office**

TITLE OF REQUEST**:** To approve budget transfers to the 2024 budget.

TOWN BOARD MEETING**:** To be placed on the Town Board Meeting of April 10, 2024

Background Information: Budget transfers are needed to correct lines.

Evaluation/Analysis: Lines with expenditures currently being appropriated to them need to be funded properly and budget transfers need to be made in order to do so.

Recommendation(s): To be placed on the Town Board meeting of April 10, 2024 and approve the transfer.

Attachment/Document(s): Memo: Jim Keith

Compliance with Purchasing Policy: N/A

Effect(s) on Existing Law(s): Town Law 102, 113 & 113

LEGISLATION WILL BE PREPARED BY: Supervisor's Office

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Memorandum

To: Mollie Collins, Supervisor

From: James Keith, Senior Building Inspector

Subject: Budget Transfer

Date: April 2, 2024

Please transfer the following funds to cover expenses:

From	**W58340 4889 Backfill/Pavement Repair**	**Amount** $	4,655.00
To	**W58340 4888**	**Amount** $	4,655.00

Water Service Replacements

From	**A1620 4601 Preventive Maintenance & Supply**	**Amount** $	205.50
To	**DA5142 4713 Highway**	**Amount** $	205.50

To cover Sand/Salt used by the Parks Department to salt the parking lots.

Thank you.

cc: Alison Grace
Paul Sebesta

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RESOLUTION NO. 176.24

TO ADOPT THE FACTUAL FINDINGS CONTAINED IN THE REPORT OF PERSONNEL MATTER 02282024

THEREFORE, UPON MOTION OF Councilmember _____,

seconded by Councilmember _____,

BE IT RESOLVED BY THE TOWN BOARD AS FOLLOWS:

SECTION 1. The Town Board of the Town of Rotterdam hereby adopts the factual findings contained in the report on personnel matter 02282024.

SECTION 2. This resolution shall become effective April 10, 2024.

DATED: April 10, 2024

NAME	AYES	NOES	ABSTAIN
Dodson			
Mastroianni			
Gallucci			
Schlag			
Collins			

DRAFT