



New York State  
Department of Transportation



County of  
**ORLEANS**

## SNOW & ICE OPERATIONAL PLAN

(The PLAN is required to be reviewed & updated by October 31 each season)

VILLAGE OF

**MEDINA**

Address:

119 PARK AVE

MEDINA

NEW YORK 14103



Municipal Superintendent:

**JASON WATTS**

Phone

Office:

585-798-0710

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585-590-9716

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[jwatts@villagemedina.org](mailto:jwatts@villagemedina.org)

Emergency / Dispatcher:

585-589-5527

Hwy Dept.

526 EAST AVE

S & I Plan Reviewed: Date:

12/08/21

By:

JASON WATTS

**2.0 SCOPE OF WORK**

2.1 GENERAL

**STANDARD ACTIVITIES**

**2.22 VILLAGE - HIGHWAY MAP** (Page 2-3)

**Village MAP**  
Indicating State, County & Town  
Highways (color coded)

**Legend**

**Plow\_Routes**

**Truck**

- 862
- 862-865
- 865
- 866
- 868
- 869
- Loader



**2.6 Preparedness for Snow and Ice Control**

(Page2-5)

A) Full S&I Status -Date:           11/15/21          

B) Fleet Prepared for S&I -Date:           11/15/21          

C) S&I Hazard Markers (Culverts)Installed- Date:           11/15/21          

D) Snow Fence Installed - Date:           N/A          

E) Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**2.7 Multi-Jurisdictional Beasts (Routes)**

(Page 2-5)

**STATE HIGHWAYS:      Within the VILLAGE**

RT.	MM	C.L. Mi.	L A N E	HIGHWAY CLASS			
				A1 L.M.	A2 L.M.	B L.M.	C L.M.
63						2	
31						1.76	
TOTALS:		0.0				3.76	
						L.M.	



TOTALS:	<u>0.0</u> Miles	<u>0.0</u> L.M.	<u>0.0</u> L.M.



<b>T/O</b>	<b>S&amp;I Routes – continues</b>		
<b>TOTALS:</b>	<b>0.0</b> (miles)	<b>0.0</b> L.M.	<b>0.0</b> L.M.

**SUMMARY of Lane Miles / Jurisdiction**

			<b>%</b> (for Reimbursement Computations)
<b>STATE</b>	<u>3.76</u>	L.M.	<u>6.5</u>
<b>COUNTY</b>	<u>        </u>	L.M.	<u>        </u>
<b>VILLAGE</b>	<u>53.98</u>	L.M.	<u>93.5</u>
<b>TOTAL:</b>	<u>59.79</u>	<b>L.M.</b>	

(See 3.22 Standard Proportional Reimbursements)



**2.8 Treatment of Slippery Spots, including “Black Ice”; Bridges**

(Page 2-6)

A) List probable locations of black ice, blow overs, drifting, etc.:

East Center St Bridge: Black Ice

Glenwood Ave Bridge : Black Ice

Horan Rd Bridge : Black Ice

Park Ave. from Erie St. to Salt Works Rd.: Drifting

East Oak Orchard St. from Eastview Dr. to Bates Rd. : Drifting

B) Provide a brief description of procedures, patrolling, number of trucks involved, etc.:

One truck handles Black Ice and Drifting locations. If weather is likely to produce

These events patrol is handled by the Superintendent of Public Works.

When unexpected Events occur notification is made by county dispatch.

**3.222 Alternative Proportional Reimbursement**

(Page 3-5)

Note: if this approach has been approved and when. Attach a copy to this Plan.

Copy attached

**3.2325 Required Minimum Hours for Callout or Holdover**

(Page 3-7)

Cite specific section of contract or municipal policy, if any.

Article XXXIX (Section d) Any employee called for duty in addition to his/her regular Working hours shall be guaranteed not less than three (3) hours of pay , regardless of the Length of time required to accomplish the job for which he/she was called out.

**3.2327 Benefits and Additives** (Page 3-9)

Explain/show how a constant percentage rate for the compensation (benefits) was derived. [ See Sect. 6.31 and Form SIR-11]

Annual rates for retirement and healthcare are added to pay rates based on the Union contract

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**3.2332 Snow Fence** (Page 3-10)

[Misc. Charge, use Form SIR-12, See Section 6]

Route / Road / Street	Reference Marker	Side	Length(ft.)
N/A			

**TOTAL:** \_\_\_\_\_

**3.2333 Municipal Weather Information Systems** (Page 3-10)

Please explain the system or service, hours worked, staffing, etc. See Sect. 6.0 for the appropriate worksheet. Attach a completed copy of the calculations.

N/A

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**3.234 MATERIALS**

(Page 3-11)

**Note:** ALL chemicals and chemical combinations proposed for use on State highways must be approved by the Resident Engineer prior to deployment or use.

**3.2344-b. Hauling Reference Price**

( Page 3-12)

N/A

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**3.2345-b. Hauling Snow and Ice Material: Mixing, Stockpiling and Loading;**

(Page 3-14)

N/A

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**3.235 Storing and Covering Salt and Salt / Abrasive Mixtures**

(Page 3-15)

**Type & Location(s)**

Non-Structural N/A

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Structure(s) (Attach a copy of the Cost Analysis for Reimbursement)

N/A

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[Misc. Charges, use Forms SIR-2 or SIR-12]

**ABRASIVES:**

Source & Cost Data: N/A

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Mining & Hauling Procedure:

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Mixing & Stockpiling:

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Stockpile Reconciliation & Accounting Procedure:

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Loading Capability:

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Other:

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**SALT:**

**Source & Cost Data:**           AMERICAN ROCK SALT,INC.          

**Mining & Hauling Procedure:**

          Pricing per NYS OGS , hauling by outside contractor , price includes delivery          

**Mixing & Stockpiling:**

          Straight salt is used under most conditions. Salt storage building holds 800 tons          

**Stockpile Reconciliation & Accounting Procedure:**

          As trucks deliver salt tickets are collected and salt is stacked by loader          

**Loading Capability:**

          Compact loader with 1 C.Y. Bucket is used          

**Other:**

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**CHEMICALS:**      (Other than Salt)

**TYPE:**

N/A

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**Source & Unit Cost:**

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**Mixing Ratio & Stockpiling:**

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**Application Method & Rate:**

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**Explain Operational Procedures:**

(When, Where, Air Temperature, Ground Temperature, etc.)

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**Other:**

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**SNOW & ICE EQUIPMENT**

(ONLY Equipment Directly Involved)

( P ) MANUFACTURER'S PLATE

( C ) CALCULATED

NUMBER	DESCRIPTION	GVWR	P/C	OPTIONS/EQUIPMENT
862	DUMP TRUCK	28380	P	T
865	DUMP TRUCK	36000	P	T
866	DUMP TRUCK	11400	C	T
868	DUMP TRUCK	16000	C	T
869	DUMP TRUCK	33200	P	T
28	HOOK TRUCK	66000	P	T
10	LOADER			L

**COMBINED SNOW & ICE BEATS / ROUTES**

**Beat -1**

**Beat -2**

**Beat -3**

**Beat -4**

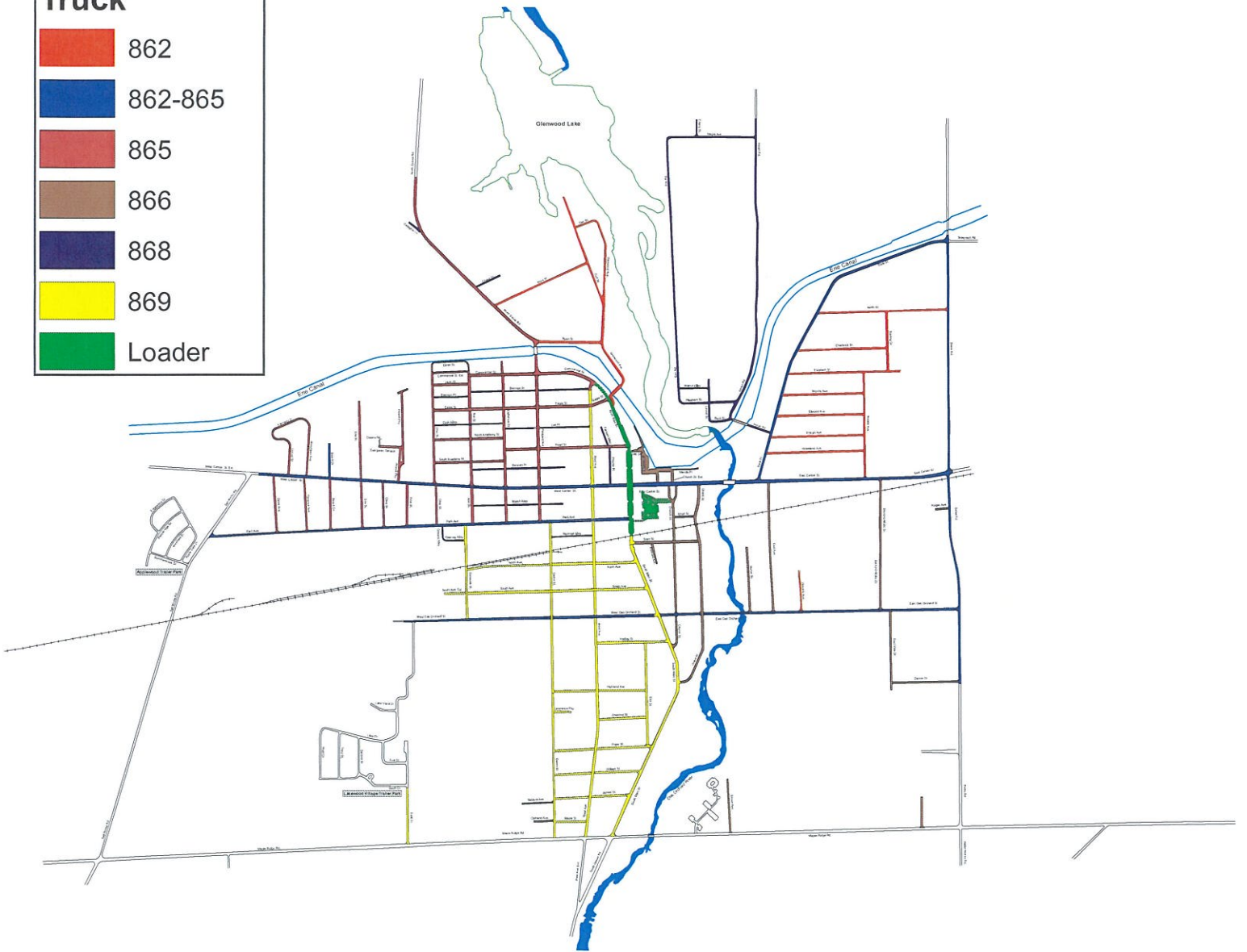


# Legend

## Plow\_Routes

### Truck

- 862
- 862-865
- 865
- 866
- 868
- 869
- Loader



### BEATS, EQUIPMENT & CYCLE TIME

Beat	DESCRIPTION (Tr. No.)
<b>1</b>	<b>State Route 31 is completed first in tandem with 865</b>
<b>862</b>	Main village streets, Park Ave, State St, Bates Rd, Oak Orchard St are completed next With 865
	Side streets are completed next alone

REQUIREMENTS SUMMARY:	L.M.	SALT	MIX	LIQUIDS	TIME
					<b>2.5hrs</b>

<b>2</b>	<b>State Route 31 is completed first in tandem with 862</b>
865	Main village streets, Park Ave, State St, Bates Rd, Oak Orchard St are completed next With 862
	Side streets are completed next alone

REQUIREMENTS SUMMARY:	L.M.	SALT	MIX	LIQUIDS	TIME
					<b>2.5hrs</b>

Beat	DESCRIPTION (Tr. No.)
<b>3</b>	<b>State Route 63 is done first in tandem with 866</b>
<b>869</b>	Main village streets, Gwinn St, and West Ave. are completed next with 866
	Side streets are completed next alone

<b>REQUIREMENTS SUMMARY:</b>	<b>L.M.</b>	<b>SALT</b>	<b>MIX</b>	<b>LIQUIDS</b>	<b>TIME</b> <b>2.5hrs</b>
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<b>4</b>	<b>State Route 63 is done first in tandem with 869</b>
<b>866</b>	Main village streets, Gwinn St, and West Ave. are completed next with 869
	Side streets are completed next alone and salts these side streets after they are plowed

<b>REQUIREMENTS SUMMARY:</b>	<b>L.M.</b>	<b>SALT</b>	<b>MIX</b>	<b>LIQUIDS</b>	<b>TIME</b> <b>2.25hrs</b>
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<b>Beat</b>	<b>DESCRIPTION (Tr. No.)</b>
<b>868</b>	<b>Plows village streets north of Erie Canal off Bank St.</b>
	After these streets are plowed and salted, salting of side streets moving east to west
	Toward village center commences

<b>REQUIREMENTS SUMMARY:</b>	<b>L.M.</b>	<b>SALT</b>	<b>MIX</b>	<b>LIQUIDS</b>	<b>TIME</b> 3hrs
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<b>10</b>	<b>Loader plows Route 63 and 31 in the central business District with 14 ft. snow</b>
	Pusher. After roads are cleared the loader moves to municipal parking lots

<b>28</b>	<b>Salts states routes as they are plowed</b>
	Moves to main village streets
	Moves to side streets working west to east toward center of village

<b>REQUIREMENTS SUMMARY:</b>	<b>L.M.</b>	<b>SALT</b>	<b>MIX</b>	<b>LIQUIDS</b>	<b>TIME</b> 3hrs
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**STAFFING:**

**Radio Watch/Dispatching:** No separate dispatch, all radio communications as  
Necessary .Sheriff dispatch calls with any special request.

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**Shifts:** Weekdays excluding holidays:7AM to 3:30PM  
Overtime paid before and after normal shift anytime weekend and holidays.  
Minimum of three(3) hours for any call outs

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**Storm Log:** Use NYS DOT SI-7 Forms

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**SNOW & ICE MATERIAL APPLICATION RATES**

Salt is Spread at 200-300lb/lm

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<b>S &amp; I Material Purchasing Limits - STATE:</b>		TONS
	%    TONS	<b>Salt:</b> _____
<b>STATE</b>		<b>Sand:</b> _____
<b>COUNTY</b>		
<b>TOWN</b>		
<hr/>		
TOTALS:	100%	

**Spreader Equipment Calibration Training by N.Y.S.D.O.T.**

Date: \_\_\_\_\_  
Trainer: \_\_\_\_\_

**3.24 Adjustment of Estimated Expenditure** (Page 3-18)  
All adjustments shall be supported by an approved cost analysis. Attach a copy.

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**SWEEPING:**

(Explain: When, Where, Who.)

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TOWN OF \_\_\_\_\_

continued

**ADDITIONAL COMMENTS:**

Lined area for additional comments, consisting of approximately 28 horizontal lines.