Minutes for a Ticonderoga Special Town Board Meeting held on August 5, 2016 commencing at 10:00 a.m. for a Presentation regarding Road Assessments & Financial Resolutions

Present: Joseph Giordano, Supervisor
Fred Hunsdon, Councilman
Wayne Taylor, Councilman
Dorcey Crammond, Councilwoman
Chattie Van Wert, Councilwoman
Tonya M. Thompson, Town Clerk

Others: Karla Vigliotti, John Bartlett, Highway Superintendent Sal Barnao, Samuel Shelmidine, Colvin Chapman, and Fred Hundson.

Supervisor Giordano opened the Meeting with the Reciting of the Pledge of Allegiance. He then explained the purpose of the meeting was to not only have our interns go over what they have done this summer, but there are also two transfers that can be brought today in order for them not to be pre-pays for the next board meetings.

Resolution #256-2016 brought by Chattie Van Wert, seconded by Dorcey Crammond authorizing the transfer of $4,170.00 of GR10073 ($6,456.02) from the Central Sewer account to the Baldwin Rd account. **All in Favor** Joseph Giordano - Aye, Fred Hunsdon - Aye, Wayne Taylor - Aye, Dorcey Crammond - Aye, Chattie Van Wert - Aye. **Opposed -** none. **Carried.**

Resolution #257-2016 brought by Chattie Van Wert, seconded by Dorcey Crammond authorizing a $5,517.00 withdrawal from Sewer Equipment reserve for the Gedeiko/Baldwin Rd Project and increasing the appropriate budgets for the same. **All in Favor** Joseph Giordano - Aye, Fred Hunsdon - Aye, Wayne Taylor - Aye, Dorcey Crammond - Aye, Chattie Van Wert - Aye. **Opposed -** none. **Carried.**

The following is a presentation from Colvin Chapman and Samuel Shelmidine, Summer Interns for the Highway Department for a Cornell Local Roads Program Project.

Cornell Local Roads Program
Town of Ticonderoga, NY
2016

Colvin Chapman and Samuel Shelmidine
Ticonderoga Highway Department
138 Racetrack Rd.
Ticonderoga, NY 12883

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I. Introduction

The Cornell Local Roads Program Center provides training, technical assistance, and information to municipal officials and employees responsible for the maintenance, construction, and management of local highways and bridges in New York State. This educational service has been widely used throughout New York State by many municipalities who wish to run their highway departments more effectively and efficiently.

Part of the Cornell Local Roads Program (CLRP) is a cost analysis tool developed by Civil Engineers from Cornell University. The purpose of CAMP-RS is to generate a road database for prioritizing and recommending various repairs objectively. The basis of the program is to collect road condition data and catalog a detailed list of information through software known as the Cornell Asset Management Program Road Surface (CAMP-RS). CAMP-RS functions chiefly by "Keeping good roads good" and consistently improving the conditions of subpar roads within the constraints of a limited budget. CAMP-RS outputs a prioritized list of repairs in order to efficiently raise the condition of all roads to an acceptable level. In order to assist in the categorizing process of roads, sections are rated upon current surface condition, traffic volume, and communal importance.

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This report will highlight:

1. The first section of local roads ordered by priority.
2. A survey collection of current road conditions.
3. A list and definition of used repair categories.
4. A Ticonderoga municipality road map.
5. A Distribution Summary of Ticonderoga Road Conditions.
6. A collection of blank templates and documents for surveying road sections.

A. Background of Roads

Although road systems are used everyday by the majority of America, the process to construct a road is decidedly more complex than laying down some asphalt.

Roads are constructed in order to maintain a smooth, safe, and long lasting surface in which to travel on. The muddy, unpaved roads of the 19th century would not be suitable for a 40 ton tractor trailer truck. Modern roads are constructed to distribute the weight of traffic onto the native earth below.

A road's cohesive strength depends on adequate drainage and a solid foundation. Any water on the road is carried away by the crown (slanted road surface), over the shoulders, and is carried away by any ditches that are present. The base and subbase make up the foundation. The subbase is created by stabilizing the in-place soils through compaction or by mixing in an asphalt emulsion designed to strengthen the load bearing portion of the road. Above this, a base of aggregate--or of hot mix asphalt for heavy load bearing roads--is placed down to properly support the wheel loads and distribute the weight across a larger area of the subbase. The asphalt surface consists of a mixture of aggregates and asphalt cement that provides motorists with a smooth, durable surface that efficiently drains excess water off of the roadway.

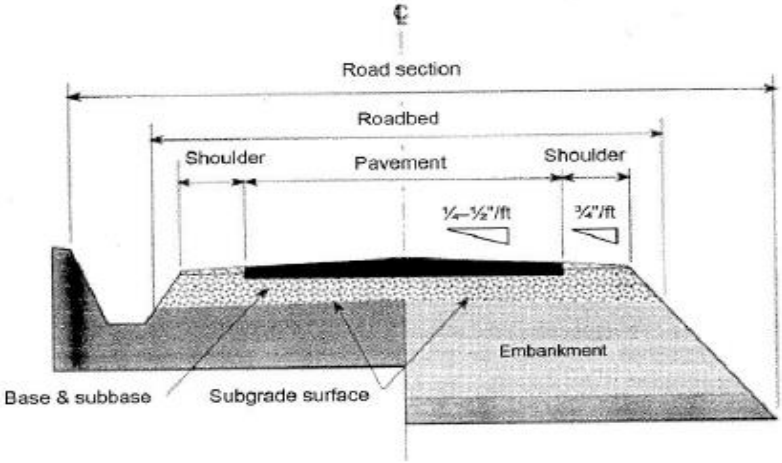

Figure 1. Typical pavement cross section

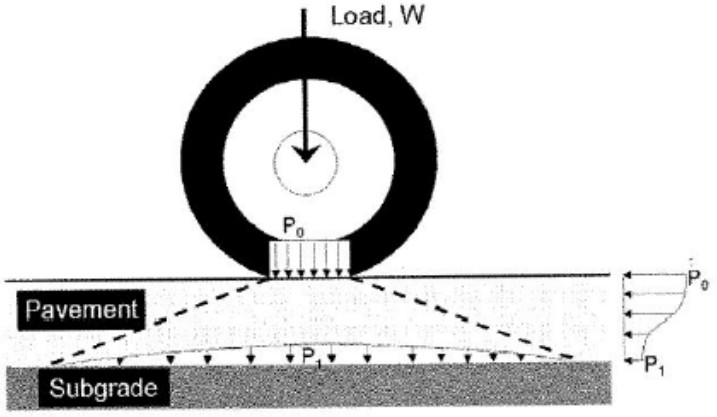

Figure 2. Spread of wheel load pressure through the pavement structure.

There are some popular misconceptions about the physical properties of roads; many believe roads to be solid, rigid, and unmovable. In reality, asphalt paved roads are very flexible. Compared to paved roads, a rigid material would break significantly faster as it would be unequipped to accommodate the frost heaving that is prevalent in the spring. Even when supporting traffic, the road surface bends and shapes slightly when distributing pressure to the subbase.

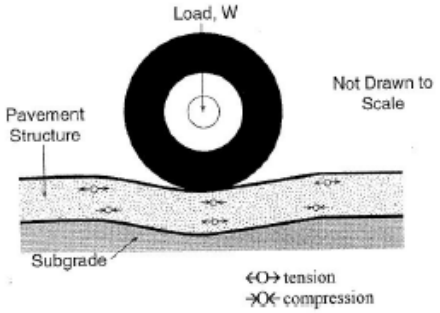

Figure 3. Pavement deflection under load

B. Fundamentals of a Good Road

At the training session, Cornell instructors Geoffrey Scott and David Orr made sure to emphasize how to define the elements of a well-constructed road. Roads should be able to withstand factors such as; temperature fluctuations, vehicle loads, seasonal changes, and improper building materials/procedures. The "Ten Commandments of a Good Road" consists of the following:

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1. Get Water Away From the Road

The importance of drainage cannot be overemphasized in road construction and maintenance. The presence of improper or inadequate drainage can negatively impact a road's condition and lifespan by unsettling the base, weakening the surface, and causing a breakdown of pavement edges. Standing water and erosion from runoff can also contribute to these issues. Proper road drainage consists of these components:

- Proper Road Crown--Allows stormwater to run off of the roadway.
- Shoulders--Consists of the area between road surface and ditches that allows for quick, efficient movement of water.
- Ditches--Must carry and direct water away from the roadway, sometimes with the use of culverts.
- Culverts--Channels water from one side of the road to the other to transport water to a less problematic location.

2. Build On A Firm Foundation

The base supports everything above it, including traffic. Without adequate support, the road's condition will deteriorate rapidly. A strong foundation ensures a fundamentally sound and long-lasting road. A good foundation should consist of a stable material (Item 4) that does not deform excessively under repeated loads and times of varying moisture content.

3. Use The Best Materials Available

Since most towns have to work around a tight budget, the cost of materials is a large contributing factor when deciding the affordability of various repairs. While cheaper soils and aggregates may initially prove themselves as satisfactory, long-term consequences must be carefully considered. The use of inferior base materials may require excessive maintenance and an eventual expensive rehabilitation.

4. Compact All Materials Well

The tighter or denser a material is compacted, the stronger it will be. Properly compacting materials will lead to less air space and a stronger road overall. Well-graded soils that have a variety of particle sizes will compact to form a strong, resilient base.

5. Design For Winter Maintenance

Areas--like Ticonderoga--that receive substantial snowfall must design roads with winter maintenance in mind. Consider that roads should…

- Be wide enough to accommodate the opposing passage of snowplows and school buses.
- Be wide enough to store plowed snow, as well as handle spring thaws and heavy water flows.
- Have a longitudinal grade of at least one percent for drainage purposes and no greater than ten percent for safety reasons.
- Have a sight distance of 75-100 feet per additional 10 mph. This rule of thumb allows for adequate observation of potential upcoming hazards.

6. Build For Traffic Loads And Volumes

It is essential to identify the main uses of the road before it is constructed. For example, roads that service areas of industry should have thicker asphalt and base layers than residential roads in order to accommodate heavy vehicles and machinery. A general rule of thumb is to design for the worst case scenario or largest vehicle that will use the road. One 18-wheeler traveling over a roadway imparts as much damage as approximately 10,000 cars traveling over the same stretch. Heavy machinery can quickly destroy roads designed for strictly residential traffic.

7. Pave Roads Only When They Are Ready

Unpaved roads must be properly prepared before paving. Base materials of paved roads contain less fines and moisture than dirt or gravel roads. Ensuring that the base is constructed with well compacted free-draining soil is essential.

8. Build From The Bottom Up

Roadways that lack a good base layer will not receive any long term benefit from merely a resurface or overlay. It is necessary in many instances for old roads to be completely dug out in order to repair the underlying problem. Such problems could encompass improper drainage, insufficient base depth, or poor material quality. Issues with the base must be corrected before allocating funds to repair the surface.

9. Protect your Investment

Roads and bridges need regular preventive maintenance to prolong their lifespan. Neglecting this maintenance will likely result in extremely expensive rehabilitation. Preventive maintenance can include these repairs:

- Roadway Surfaces--patching, resurfacing, dust control, snow removal.
- Drainage--cleaning/repairing culverts and ditches.
- Roadside--cutting brush/grass, grooming shoulders, repairing erosion
- Bridges--repair of railing and decking, channel clearing

Creating a system where these activities are routine will lead to safe, effective, and long-lasting roadways that will ultimately save money in the long term.

10. Keep Good Records

It is imperative for each municipality to keep a good, well-documented record of local road information and conditions. Good record-keeping makes road work easier for everyone involved. It will be easier for the Highway Department to draw up budgets and to show citizens future plans for roadwork. Road information such as surface type, shoulder type, width, length, problem areas and last known repairs should be collected along with the current road condition. This data can be used to efficiently prioritize needed improvements.

II. CAMP-RS Process

The Town of Ticonderoga Highway Department hired Colvin Chapman and Samuel Shelmidine as pavement management interns for the summer of 2016 to participate in the Cornell Local Roads Program. The interns-as well as Joe Giordano and Fred Hunsdon--attended a training session at Cornell University from May 31st, 2016 to June 2nd, 2016 that gave an overview of the program.

A. CAMP-RS Training at Cornell

The three day training session was focused upon learning the fundamentals of a good road, proper evaluation procedures, repair analysis, and CAMP-RS software operation. This training period also served to illustrate how the program can be tailored to accommodate the differences between municipalities within the state. At the end of the training, each town received a folder containing reference booklets as well as example documents related to implementing a proper Pavement Management System. On the last day, each town received a copy of the CAMP-RS software to take back to their municipality.

B. Road Surveying

Local roads are divided into sections according to existing county records. Segments typically begin and end at intersections.

Road surveying is the process of recording the characteristics of each section to determine the condition, appropriate maintenance, and repair. Each survey contains information such as the surface material, length, width, number of lanes and shoulder type.

Additionally, roads were ranked with regard to their traffic and importance on a scale from 1 to 5. For example, a remote road accessing few houses would typically have a traffic and importance ranking closer to 1, while roads near a school or hospital would have traffic and importance rankings of either 4 or 5.

Surveys consist of assigning values to each of the following distresses: longitudinal or transverse cracking, alligator cracking, edge cracking, patching and potholes, rutting, bleeding, drainage, and overall roughness. These conditions are given a rating for their severity(Low, Medium, High) and extent(Low, Medium, High).

Surveys were completed by driving or walking the length of each road section and noting the condition of each of the above categories. The data was then input into the software provided by the Cornell Program: CAMP-RS. The Ticonderoga municipality has 47.12 centerline miles and 94.8 lane miles of local roads.

C. Pavement Distresses

Longitudinal/Transverse Cracks

Severity– Low Medium High

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Longitudinal and transverse cracking is primarily caused by fatigue failure from repeated traffic loading and thermal movement, such as freezing and thawing. The crack itself will either be a straight line running parallel(longitudinal cracking) or perpendicular(transverse cracking) to the road.

Alligator Cracks

Severity-- Low Medium High

Similar to longitudinal cracks, alligator cracks typically originate from traffic loading or inadequate structure. However, alligator cracking can also be caused by insufficient drainage where water can seep in and weaken the roadway structure. Alligator cracking is is a precursor to potholes and should be caught and repaired promptly.

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Edge Cracking

Severity-- Low Medium High

Edge cracking forms on the side of roadways and is caused by either lack of shoulder support or drainage issues. This distress often resembles alligator cracking that originates from the pavement edge and extends into the roadway.

Patching and Potholes

Extent-- Low Medium High

Potholes are often caused by alligator cracking, poor drainage/base, or too thin of an asphalt layer. A patched section consists of distressed roadway that is either cut out and/or directly filled with asphalt. Bad patches and potholes are jointly evaluated in the survey as they often require the same repairs and result from similar causes.

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Rutting

Severity-- Low Medium High

Ruts are channelized depressions in the wheel tracks of a pavement surface. Most rutting is caused by a poor subgrade, excessive traffic load, and moisture.

Bleeding

Severity-- Low Medium High

Bleeding is an excess amount of liquid asphalt in the pavement mixture that has worked its way to the surface over time due to the repetitive stresses of traffic loads. Bleeding can appear as pavement with a smooth, black, shiny appearance that is sticky in hot, sunny weather. Bleeding can be caused by rich asphalt mixing, as well as the application of a heavy tack coat or excessive crack seal. When wet, a bleeding surface is as slippery as ice and can pose a serious safety hazard.

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Drainage



Severity-- Medium **High** **High**

Uncontrolled water is extremely destructive to roadways. As previously stated in the Ten Commandments, the importance of having good drainage cannot be overemphasized. Ideally, water flows off of the crowned pavement surface, down a well graded shoulder, and into a clean ditching system where it can be carried away from the base.

In the more populated areas of Ticonderoga, good drainage can also include street curbs that guide water towards stormwater drains, underdrains, and catch basins.

Roughness

The overall smoothness of the road is characterized by roughness. A road receiving a poor roughness score could have sags, humps, potholes, or an uneven surface. Roughness is generally gauged by how observable the road's bumps and jolts are to passengers.

D. Roads by Rank

After the surveys were inputted into CAMP-RS, each road was categorized by its maintenance need as calculated by the software. The overall condition is summarized by the Priority Condition Index--PCI. This is a numerical grading system from 0 to 94. Essentially the PCI is calculated by subtracting set values for various road distresses from 100. The amount of deducted points is determined by the extent and severity of the distresses as recorded by the surveys. So in short, the greater the distresses: the lower the PCI value.

Each section of road was assigned a priority value that can be compared with others to construct an order in which repairs should be tackled. Priority value takes into account Repair Category, PCI, Importance, Traffic, and Road Conditions.

E. Assign Repairs

In addition to the ranking values, the software recommends a repair category. The user can then select specific repairs to fit the needs of each individual road section.

Table 1. Category repair and description

Category	Description
Defer Maintenance	*Little to no road damage; no maintenance necessary*
Crack Repairs	*Road damage limited to low severity cracking*
Patching	*Routine maintenance required. Repairs range from pothole filling to replacing entire damaged areas.*
Drainage Work	*Any treatment related to reducing the effects of standing water or water flow on road integrity*
Surface Treatment	*Thin application of material above existing top coat to maintain smooth surface and repel water*
Overlay	*Thicker application of material; includes replacement of existing top coat layer*
Rehabilitation	*Extensive recycling of base material; differs from reconstruction in project size*
Reconstruction	*Complete reinstallation of new pavement,including reconstruction and repair of drainage, base, and subbase*

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The bulk of the roads in town have gotten to the 'Overlay' stage or worse which means that sufficient repairs will cost significantly more. The cost for repairs for different pavement conditions can be seen below:

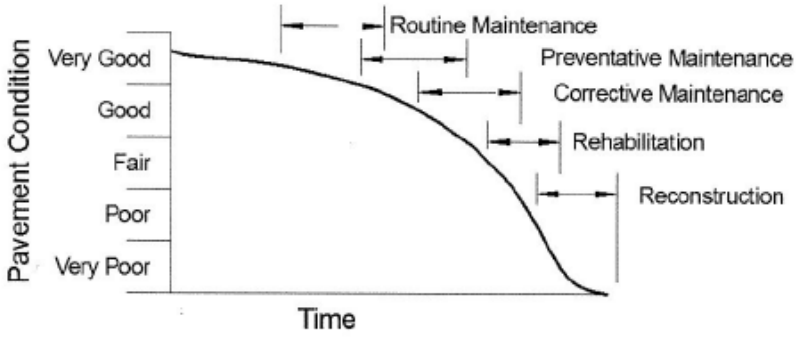

Figure 4. Pavement repair alternatives

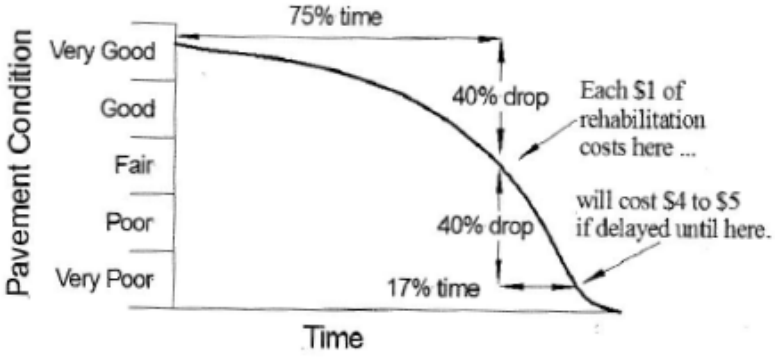

Figure 5. Pavement deterioration curve

After roads reach a certain point in their lifespan--called the acceptability index--condition deterioration tends to occur rapidly. Repairs on roads that are allowed to fall under the acceptability index may cost 4 to 5 times more than if it was repaired while still in good or fair condition. After falling below the acceptability index, roads may deteriorate as quickly as 7 times faster than its degradation rate while above index. The general goal of the program is to simultaneously maintain roads that are above the index while slowly raising poor quality roads into an acceptable condition.

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III. Assessment Results

Upon evaluating all road conditions, it was determined that approximately 30% of roads in Ticonderoga are currently classified with a condition of Good or Very Good. The repairs done to these roads would typically fall under either the defer maintenance category or the crack repair category. Costs associated with these repairs would range between \$0 and \$1.50/ft^2. The roads that have already reached a fair condition or worse need much more expensive repairs--usually in excess of \$3 per. square foot--in order to improve their condition to the same quality. This is why it is imperative for municipalities to maintain and repair their good roads while simultaneously raising the poor roads to an acceptable condition.

However, approximately 70% of our roads are either in fair or poor condition: Both conditions are below the acceptability index for good quality roads. Some of these worse road conditions can present a serious safety hazard to all motorists. For example, excessive bleeding on roadways creates creates a slippery surface--akin to black ice--that poses a serious danger to motorists. Roads with deteriorating conditions quickly transform from being rough but passable in to posing a serious safety hazard. This past year, a portion of Warner Hill Road caved in underneath a plow truck. Serious harm could have come to those involved. In order to remove these safety hazards, additional funding for road repairs is needed to ensure these issues are prevented in a timely manner.

The chart below provides a condition breakdown of all local roads in Ticonderoga by percentage and center-line miles, as well as a rough cost estimate for repair costs in each category.

Table 2. Overall local road assessment broken down by road conditions in Ticonderoga

Road Condition	PCI Range (approx.)	Length (mi)	% of town	Cost (\$ / ft^2)	Typical Repair Category
very good:	94-92	4.96	10.6	0 to 1/2	Defer Maintenance
good:	92-88	9.65	20.7	0.5 to 2	Crack Repairs, Patching, Surface Treatment, Drainage Work
fair:	88-74	16.74	35.9	1.50 to 3	Patching, Drainage Work, Overlay
poor:	74-51	9.86	21.1	3 to 5	Drainage Work, Overlay, Rehabilitation
very poor	51-0	5.47	11.7	4 to 6	Rehabilitation, Reconstruction

IV. Recommendation

In the process of assigning a priority, the CAMP-RS program strictly follows the rule of "keeping good roads good" while correcting larger problems as funding allows. This algorithm is what drives the software decision process for road repair prioritization.

V. Sources

Cornell Asset Management Program--Roads & Streets (CAMP-RS). Ithaca: Cornell Local Roads Program, 2016

Blades, Christopher and Edward Kearney. *Asphalt Paving Principles*. Ithaca: Cornell Local Roads Program, 2016

Muccin, Joseph. *Town of Mount Pleasant NY 2014 Final Report.* Mt. Pleasant: Mt. Pleasant Highway Department, 2014

Male, Paul. *Basics of a Good Road*. Ithaca: Cornell Local Roads Program, 2014

Appendix A

Ticonderoga Local Roads Assessment

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Ticonderoga CAMP-RS Section
Report generated on 07/29/2016

RIN	Name	From	To	Start Miles	End Miles	Length	Width (feet)	Lanes	Surface Type	Shoulder Type	Traffic 1(Lo) - 5	Importance 1(Lo) - 5	Survey Date	Condition (PCI)	Repair Category	Priority	Attention Needed?	Road Notes	Sidewalk Notes
105842-F	Lake George Ave.	Calkins Pl.	Highland St.	0.51	0.7	0.19	32	2	Asphalt	Curb - Concrete	4	4	7/14/2016	52	Drainage Work	144			Calkins Side--5ft*910ft, few 1" heaves, minimum cracking overall, fair condition \\Opposite Side--48'*115ft, good condition
105887-B	The Portage	Treadway St.	Defiance St.	0.1	0.19	0.09	24	2	Asphalt	Curb - Concrete	4	4	7/5/2016	87	Drainage Work	132		Water is starting to cut under sidewalk	Treadway Side--4ft*full length, minimum cracking, good condition \\Opposite Side--4ft*full length, some parts poor surface condition, overall good
105853-J	Montcalm Street	Cossey Street	Overlook Drive	0.19	0.29	0.1	24	2	Asphalt	Curb - Concrete	4	5	6/29/2016	83	Drainage Work	132	YES	Water Pooling and not reaching drain	Asphalt Side--4ft, full length, Completely overgrown, bad heaving and cracking, currently unusable
105802-D	Burgoyne Rd.	Bennett Rd.	Village Ln.	0.3	0.46	0.16	22	2	Asphalt	Vegetation	3	3	6/30/2016	77	Drainage Work	132	YES	Water eating at road bed by Village intesection	Side--4ft*420ft, overgrown, very poor condition, sections missing, attention, 125ft completely in brush
105805-A	Calkins Pl.	Champlain Ave.	Oak St.	0	0.06	0.06	24	2	Asphalt	Vegetation	3	5	7/8/2016	75	Drainage Work	126	YES	Vegetation beginning to cover road	Side--4ft*full length, overgrown, completely covering sidewalk, poor drainage and surface deterioration
105796	Battery St.	The Portage	Dead End	0	0.1	0.1	20	2	Asphalt	Vegetation	1	2	7/5/2016	87	Drainage Work	120	YES		Side--4ft*full length, extremely overgrown, large cracks, segements missing
105887-D	The Portage	Battery St.	Carillon Rd.	0.24	0.42	0.18	30	2	Asphalt	Curb - Concrete	4	4	7/5/2016	72	Drainage Work	120	YES	Water is starting to cut under sidewalk	Battery Side--4ft*150ft, 2" heaving, minimum cracking, \\Opposite Side--4ft*full length, moderate cracking, poor cracking in front of Munsons
105805-B	Calkins Pl.	Oak St.	Amherst Ave.	0.05	0.11	0.06	24	2	Asphalt	Vegetation	3	5	7/8/2016	67	Drainage Work	120		Drains too High?	Oak Side-4ft, full length, minimal cracking, 1" heaves in some areas
105899-B	Wayne Ave.	Montcalm St.	St. Clair St.	0.16	0.28	0.12	28	2	Asphalt	Curb - Apshalt	3	3	6/29/2016	83	Drainage Work	114	YES	Bottom of hill has water eroding the road edge	48"full length, moderate cracking in few places, rough surface near top, fair condition
105827	Grove Ave.	Hinds St.	St. Clair St.	0	0.1	0.1	20	2	Asphalt	Vegetation	1	2	6/29/2016	80	Drainage Work	114			Side--4ft*full length, minimal cracking, slight heaving"
105899-A	Wayne Ave.	Schuyler St.	Montcalm St.	0	0.16	0.16	28	2	Asphalt	Curb - Concrete	2	2	6/29/2016	69	Drainage Work	114	YES	Water damage issues on roadway, poor edge pavement	T1 Pi Side-- 4.5ft*70ft, 5ft*85ft 4ft*200ft, fair condition \\ Opposite Side--48"full length, severe cracks, retaining wall falling into sidewalk, needs attention
105838-A	John St.	Lord Howe St.	George St.	0	0.1	0.1	28	2	Asphalt	Vegetation	1	2	6/30/2016	54	Drainage Work	114	YES	Extremely poor side by Lord Howe, small section	Both Combined Side--4ft*500ft, severe cracking and patches, 5ft*500ft, perfect condition except for one 3"" heave, recommend grinding down
105896-C	Wayne Ave.	St. Clair St.	Summit St.	0.28	0.37	0.09	24	2	Asphalt	Curb - Concrete	2	2	6/29/2016	91	Drainage Work	108		road drainage in one area appears to be crumbling asphalt ditch, culvert may be cracked	Slate Side--4ft good condition, do not touch \\ Concrete Side--4ft*136ft, rough surface, minimum cracking, partially covered in sediment

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Ticonderoga CAMP-RS Section

Report generated on 07/28/2016

RIN	Name	From	To	Start Miles	End Miles	Length	Width (feet)	Lanes	Surface Type	Shoulder Type	Traffic 1(Lo) -5	Importance 1(Lo) -5	Survey Date	Condition (PCI)	Repair Category	Priority	Attention Needed?	Road Notes	Sidewalk Notes
105856-D	Mt. Hope Ave.	Mohawk Tr.	Sunset St.	0.26	0.41	0.15	22	2	Asphalt	Vegatation	2	2	6/30/2016	87	Drainage Work	108		Water bypasses two drains on roadway	Side--4ft*325ft, minimum cracking, upper 30ft has poor surface
105856-A	Mt. Hope Ave.	Wiley St.	Morehouse Dr.	0	0.1	0.1	24	2	Asphalt	Curb - Concrete	2	2	6/30/2016	86	Drainage Work	108		Standing water on corner of road	Side--4ft*570ft, minimum cracking, good condition
105881-F	St. Clair St.	Grove Ave.	Wicker St.	0.3	0.38	0.08	24	2	Asphalt	Curb - Concrete	3	3	6/29/2016	72	Drainage Work	108	YES		Side--4ft*full length, areas around driveway need attention
105864	Pearl St.	Lord Howe St.	Dead End	0	0.19	0.19	20	2	Asphalt	Vegatation	1	2	6/30/2016	72	Drainage Work	108			No Sidewalk
105834	Hinds St.	Wicker St.	Dead End	0	0.15	0.15	20	2	Asphalt	Curb - Concrete	1	2	6/29/2016	67	Drainage Work	108	YES	Dead end floods, street damage from heavy trucks in 2015	Side--4ft*full length, minimal cracking, severe corner break by traffic cones
105813	Colonial St.	The Portage	Dead End	0	0.19	0.19	20	2	Asphalt	Vegatation	1	2	7/7/2016	91	Drainage Work	102			No Sidewalk
105847	Lonergan Ln.	Burgoyne Rd.	Dead End	0	0.05	0.05	12	2	Asphalt	Vegatation	1	2	6/30/2016	86	Drainage Work	102			No Sidewalk
105901	Woody Ln	Treadway St.	Dead End	0	0.1	0.1	28	2	Asphalt	Curb - Concrete	1	2	7/5/2016	62	Drainage Work	102		sediment buildup on road, no drains, 1** cuts, poor sloping of edges	Rock Side--4ft*425ft, 100ft in poor condition, moderate heaving, \\ timber Side--4ft*full length, moderate cracking, 2** heaves, few corner breaks
105884	Stoughton Dr.	Baldwin Dr.	Dead End	0	0.3	0.3	16	2	Asphalt	Vegatation	2	2	7/18/2016	48	Drainage Work	102		road only extends to turn around sign, 1 section of terrible edge cracking, road being destroyed	No Sidewalk
105841	Killkat Mtn. Rd	County Rt. 56	Dead End	0	0.87	0.87	20	2	Asphalt	Vegatation	1	1	7/19/2016	43	Drainage Work	102	YES	Will be paved Summer and Fall of 2016	No Sidewalk
105897-B	Warner Hill Rd.	Pavement Change	Town Line	2.02	4.89	2.87	20	2	Asphalt	Vegatation	1	1	7/19/2016	40	Reconstruction	102			No Sidewalk
105859	Oak St.	Calkins Pl.	Dead End	0	0.05	0.05	16	2	Asphalt	Vegatation	1	1	7/14/2016	91	Drainage Work	96			No Sidewalk
105824	Fraser Bridge Dr.	Burgoyne Rd.	Dead End	0	0.05	0.05	38	2	Asphalt	Vegatation	1	2	6/30/2016	76	Drainage Work	96		Crumbling at Burgoyne intersection	No Sidewalk
257731-C	Birnbaum Rd.	Closed Road	Vineyard Rd.	0.86	1.16	0.3	32	2	Unpaved	Vegatation	1	1	7/19/2016	56	Drainage Work	95		Services one House	No Sidewalk
105798	Bennett Rd.	Burgoyne Rd.	Dead End	0	0.1	0.1	16	2	Asphalt	Vegatation	1	2	6/30/2016	74	Drainage Work	90			No Sidewalk
105890-A	Tin Pan Alley	The Portage	Water St.	0	0.15	0.15	20	4	Asphalt	Vegatation	1	2	7/14/2016	71	Drainage Work	90			No Sidewalk
105814	Commerce Dr.	Rt. 74	Dead End	0	0.19	0.19	20	2	Asphalt	Gravel	1	2	7/19/2016	67	Drainage Work	90			No Sidewalk
105843	Lead Hill Rd.	Rt. 74	Dead End	0	0.22	0.22	18	2	Asphalt	Vegatation	1	1	7/19/2016	54	Drainage Work	90	YES	4in longitudinal cracks needs attention	No Sidewalk
105896	Village Ln	Burgoyne Rd.	Dead End	0	0.2	0.2	22	2	Asphalt	Vegatation	1	2	6/30/2016	39	Drainage Work	90			No Sidewalk
105853-F	Montcalm Street	Tower Avenue	Champlain Ave.	0.61	0.67	0.06	56	2	Asphalt	Curb - Concrete	5	5	6/29/2016	90	Crack Repairs	84			Tower Side--6ft*full length, good condition \\Opposite Side--6ft*full length, minimum surface deterioration
105853-E	Montcalm Street	Champlain Avenue	Carnegie Place	0.67	0.78	0.11	50	2	Asphalt	Curb - Concrete	5	5	6/29/2016	90	Crack Repairs	84			Carnegie Side--5ft*90ft, minimum heaving, 8ft*500ft, good overall, few spots need patching \\ Opposite Side--8ft*90ft, moderate cracking, 8ft*130ft, moderate joint condition, 7ft*80ft, minimum cracking, 5ft*80ft, good condition
105853-D	Montcalm Street	Carnegie Place	Lake George Ave.	0.78	0.84	0.06	36	2	Asphalt	Curb - Concrete	5	5	6/29/2016	90	Crack Repairs	84			Carnegie Side--5ft*full length, good condition \\Schuyler Side--avg 5ft*full length, good condition, minimum heaving

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RIN	Name	From	To	Start Miles	End Miles	Length	Width (feet)	Lanes	Surface Type	Shoulder Type	Traffic 1(Lo) -5	Importance 1(Lo) -5	Survey Date	Condition (PCI)	Repair Category	Priority	Attention Needed?	Road Notes	Sidewalk Notes
105853-B	Montcalm Street	Wiley Street	Wayne Avenue	0.91	1.1	0.19	38	2	Asphalt	Curb - Concrete	5	5	6/29/2016	88	Crack Repairs	84		Schuyler Side--6ft*full length, minor edge breaks, moderate surface deterioration \\Wiley Side--6ft*75ft, 5ft*rest of length, good condition, minimum cracking	
105853-A	Montcalm Street	Wayne Avenue	Lord Howe	1.1	1.3	0.2	38	2	Asphalt	Curb - Concrete	5	5	6/29/2016	88	Crack Repairs	84		Lord Howe Side-- 5ft*4504ft, 4ft*180ft, poor surface condition by hot biscuit \\Opposite Side--5ft*full length, minimum cracking"	
105811-E	Champlain Ave.	The Portage	Calkins Pl.	0.26	0.59	0.33	24	2	Asphalt	Curb - Concrete	5	5	7/7/2016	88	Crack Repairs	84	YES	Armory Side-- 5ft*full length, minimum cracking, overall good condition \\Portage Side--4ft*975ft, 400ft needs attention, poor surface deterioration, heaving, large cracking \\EMS triangle park Side--6ft*185ft, moderate cracking, needs attention	
105811-C	Champlain Ave.	Algonkin St.	Father Jogues St.	0.13	0.21	0.08	32	2	Asphalt	Curb - Concrete	5	5	7/7/2016	88	Crack Repairs	84		Father Jogues Side--4ft*full length, very good condition \\Opposite Side--5.5ft*full length, vary minimal cracking, very good condition	
105904	Caldwell Cir.	Baldwin Rd.	Baldwin Rd.	0	0.07	0.07	16	2	Asphalt	Vegatation	1	1	7/18/2016	67	Drainage Work	84		Alligator cracking starting from the center	No Sidewalk
105877	Shattuck Rd.	Bull Rock Rd.	Dead End	0	0.34	0.34	12	2	Unpaved	Vegatation	1	1	7/19/2016	62	Drainage Work	80		good rd condition as of 7/2016	No Sidewalk
105887-C	The Portage	Defiance St.	Battery St.	0.19	0.24	0.05	30	2	Asphalt	Vegatation	4	4	7/5/2016	92	Crack Repairs	76			Battery Side--5ft*full length, minimum surface deterioration, good condition \\Opposite Side--4ft*full length, good condition
105792-C	Alexandria Ave.	Water St.	Lake George Ave.	0.15	0.24	0.09	40	2	Asphalt	Paved - Asphalt	4	4	7/14/2016	90	Crack Repairs	76	YES		Lake George Side--4ft*full length, <1"" heaves, 1 section missing, minimal cracking, fair condition \\Opposite Side--4ft*215ft, severe surface deterioration, moderate cracking
105846-E	Lord Howe St.	George St.	Montcalm St.	0.83	0.91	0.08	30	2	Asphalt	Vegatation	4	4	6/30/2016	88	Crack Repairs	76			Side--4ft*full length, good condition, minimum cracking
105842-A	Lake George Ave	Montcalm St.	Algonkin St.	0	0.04	0.04	40	2	Asphalt	Curb - Concrete	4	4	7/14/2016	88	Crack Repairs	76			Algonkin Side--6ft*full length, very good condition \\Opposite Side--5ft*55ft, good condition
105887-H	The Portage	Alexandria Ave.	Abercrombie St.	0.71	0.73	0.02	28	2	Asphalt	Vegatation	4	4	7/5/2016	86	Crack Repairs	76			Side--4ft*full length, minimum cracking good condition
105811-G	Champlain Ave.	Carillon Rd.	Highland St.	0.68	0.74	0.06	24	2	Asphalt	Curb - Concrete	4	4	7/7/2016	86	Crack Repairs	76			Side--4ft*full length, 1"" heaves, minimal cracking, fair condition
105853-J	Montcalm Street	Cossey St.	Rt 74 & 22	0	0.19	0.19	22	2	Asphalt	Curb - Concrete	4	5	6/29/2016	84	Crack Repairs	76	YES	Curb on bridge is falling out/gone, needs to be replaced	Bridge Side--4ft*full length both sides, heaving as bad as 3"", severe edge cracking, sections of granite curb coming out
105853-H	Montcalm Street	Overlook Drive	Cannon Ball	0.29	0.44	0.15	32	2	Asphalt	Vegatation	4	5	6/29/2016	82	Patching	76	YES		Asphalt Side--4ft*235ft, bad heaving and cracking

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105830	Hayford Rd.	New Hague Rd.	Dead End	0	0.28	0.28	16	2	Unpaved	Vegetation	1	1	7/19/2016	83	Drainage Work	75			No Sidewalk
105890-B	Tin Pan Alley	Water St.	Dead End	0.15	0.2	0.05	12	2	Unpaved	Vegetation	1	1	7/19/2016	81	Drainage Work	75			No Sidewalk
105900-C	Willey St.	Uncas Dr.	Grace Ave.	0.14	0.21	0.07	24	2	Asphalt	Curb - Concrete	4	3	7/19/2016	92	Crack Repairs	72	YES	Side--4ft, full length, poor surface in 1 to 2 areas, needs attention, few large chunks missing from sidewalk	No Sidewalk
105900-B	Willey St.	Mt. Hope Ave.	Uncas Dr.	0.09	0.14	0.05	24	2	Asphalt	Curb - Concrete	4	3	6/30/2016	92	Crack Repairs	72	YES	Uncas Side-- 5ft*full length, very good condition \\ Opposite Side--4ft*full length,joint break on upper side, extends beyond uncas intersection 20ft	Side--5ft*full length, great condition, sidewalk does switch side but runs full length
105900-A	Willey St.	Moncalm St.	Mt. Hope Ave.	0	0.09	0.09	28	2	Asphalt	Vegatation	4	3	6/30/2016	92	Crack Repairs	72		Side--4ft*full length, perfect condition	No Sidewalk
105887-G	The Portage	Crown Hts.	Alexandria Ave.	0.64	0.71	0.07	34	2	Asphalt	Curb - Concrete	4	3	7/5/2016	92	Crack Repairs	72			Champlain Side--4ft*full length, some sections gone, large potholes \\ Water Side--4ft*full length, good condition
105870-B	Race Track Rd.	Old Chilson Rd.	Rt. 74	0.37	0.74	0.37	20	2	Asphalt	Vegatation	3	4	7/19/2016	90	Crack Repairs	72			
105792-B	Alexandria Ave.	Champlain Ave.	Water St.	0.05	0.15	0.1	34	2	Asphalt	Paved - Asphalt	3	4	7/14/2016	90	Crack Repairs	72	YES		
105870-A	Race Track Rd.	Wicker St.	Old Chilson Rd.	0	0.37	0.37	20	2	Asphalt	Vegatation	3	4	7/19/2016	88	Crack Repairs	72		Recently repaired patch	No Sidewalk
105802-G	Burgoyne Rd.	Heather Hts.	Frasier Bridge Dr.	0.72	0.79	0.07	22	2	Asphalt	Curb - Concrete	3	4	6/30/2016	86	Patching	72	YES	sewer floods over road during storms	Frazier Side--5ft*100ft, edge breaks, moderate cracks, 4ft*270ft, some heaving, decent condition \\Opposite Side--4ft*115ft, very overgrown, good surface, few t*** heaves, good overall \\ Opposite Side--4ft*full length, minimum cracking, good condition overall
105805-C	Calkins Pl.	Amherst Ave.	Newton St.	0.11	0.16	0.05	42	2	Asphalt	Curb - Concrete	3	5	7/14/2016	85	Patching	72			Side--4ft, full length, minimum cracking, fair condition
105842-G	Lake George Ave.	Highland St.	Alexandria Ave.	0.7	0.9	0.2	30	2	Asphalt	Curb - Concrete	4	4	7/14/2016	82	Patching	72			Iroquois Side--5ft*380ft, 2"" heaves, sections lifting, some sections gone, 4ft*435ft, good condition \\Opposite Side--5ft*full length, sections by driveway with severe surface deterioration
105842-D	Lake George Ave.	Iroquois St.	Stanton St.	0.14	0.31	0.17	32	2	Asphalt	Curb - Concrete	4	4	7/19/2016	79	Patching	72	YES		
105-887-L	The Portage	Colonial St.	Water St.	0.93	1.03	0.1	24	2	Asphalt	Vegatation	3	3	7/6/2016	92	Crack Repairs	68	YES	Possible drainage issues	Side--4ft*full length, good condition
105887-K	The Portage	Pinnacle St.	Colonial St	0.87	0.93	0.06	24	2	Asphalt	Vegatation	3	3	7/6/2016	92	Crack Repairs	68			Side--4ft*full length, good condition
105887-J	The Portage	Tin Pan Alley	Pinnacle St.	0.85	0.87	0.02	24	2	Asphalt	Curb - Concrete	3	3	7/5/2016	92	Crack Repairs	68			Side--4ft*full length, very good condition
105875-B	Schuyler St.	Wayne Ave.	John St.	0.15	0.25	0.1	22	2	Asphalt	Vegatation	3	3	6/30/2016	92	Crack Repairs	68			Side--4ft*full length, good overall
105875-A	Schuyler St.	Montcalm St.	Wayne Ave.	0	0.15	0.15	28	2	Asphalt	Vegatation	3	3	6/30/2016	92	Crack Repairs	68			Side--4ft*145ft, minimal heaving, great condition overall
105802-C	Burgoyne Rd.	Mt. Hope Ave.	Bennett Rd.	0.23	0.3	0.07	22	2	Asphalt	Vegatation	3	3	6/30/2016	90	Crack Repairs	68			No Sidewalk
105963	Patriot Pass	Mt. Hope Ave.	Grace Ave.	0	0.13	0.13	18	2	Asphalt	Vegatation	3	3	6/30/2016	90	Crack Repairs	68			No Sidewalk
105887-I	The Portage	Abercrombie St.	Tin Pan Alley	0.73	0.85	0.12	24	2	Asphalt	Vegatation	3	3	7/5/2016	88	Crack Repairs	68			Side--4ft* full length, good condition
105802-B	Burgoyne Rd.	Park Ave.	Mt. Hope Ave.	0.04	0.23	0.19	22	2	Asphalt	Vegatation	3	3	6/30/2016	86	Crack Repairs	68			No Sidewalk

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105881-D	St. Clair St.	Second St.	Third St.	0.15	0.2	0.05	30	2	Asphalt	Curb - Concrete	2	3	6/29/2016	92	Crack Repairs	64		Second Side-- 4ft,*full length, minimal cracking, sediment pooling up to ~1"	
105811-A	Champlain Ave.	McCormick St.	Montcalm St.	0	0.04	0.04	50	2	Asphalt	Curb - Concrete	2	3	7/7/2016	92	Crack Repairs	64		Abudt aun Side--5ft *full length, good condition \\Opposite Side--6ft*full length, great condition	
105881-A	St. Clair St.	Grace Ave	Park Ave	0	0.05	0.05	28	2	Asphalt	Vegatation	2	3	6/29/2016	90	Crack Repairs	64		Park Side-- 4ft, full length, good condition	
105881-B	St. Clair St.	Park Ave	Wayne Ave	0.05	0.1	0.05	28	2	Asphalt	Vegatation	2	3	6/29/2016	89	Patching	64		Side--4 ft*full length, good condition	
105802-J	Burgoyne Rd.	Rt. 74 & 22	Rt. 9N & 22	1.38	2.24	0.86	18	2	Asphalt	Vegatation	3	3	6/30/2016	85	Crack Repairs	64			No Sidewalk
105929-B	Hawkeye	Muskrat Run	Cannonball	0.05	0.09	0.04	22	2	Asphalt	Vegatation	2	4	7/5/2016	83	Patching	64			No Sidewalk
105802-E	Burgoyne Rd.	Village Ln.	Lonergan Ln.	0.46	0.62	0.16	22	2	Asphalt	Vegatation	3	3	6/30/2016	83	Patching	64		Side--4ft*230ft, on me owner trying to grow grass over sidewalk, 120ft in poor condition	
105853-C	Montcalm Street	Lake George Ave.	Wiley Street	0.84	0.91	0.07	40	2	Asphalt	Curb - Concrete	5	5	6/29/2016	88	Overlay	63		Wiley Side--6ft*full length, good condition \\ Lake George Side--5ft*full length, poor joint sealing, joint pieces coming out	
105887-A	The Portage	Champlain Ave.	Treadway St.	0	0.1	0.1	28	2	Asphalt	Curb - Concrete	4	4	7/5/2016	76	Overlay	63		Side--5ft*full length, perect condition	
105888-B	Third Ave.	Summit St.	Dead End	0.1	0.33	0.23	20	2	Asphalt	Vegatation	2	2	6/29/2016	92	Crack Repairs	60		Side--4ft*95ft, 1.4"" sag but overall surface still in good condition	
105807	Carillon Rd.	The Portage	Champlain Ave.	0	0.12	0.12	22	2	Asphalt	Curb - Concrete	2	2	7/7/2016	92	Crack Repairs	60		Side--4ft*full length, two 2"" heaves, minimum edge cracking, fair condition	
105795	Aviation Rd.	Shanahan Rd.	Dead End	0	0.05	0.05	16	2	Asphalt	Vegatation	1	3	7/19/2016	92	Crack Repairs	60			No Sidewalk
105856-F	Mt. Hope Ave.	Burgoyne Ave	Rt 22/74	0.51	0.67	0.16	22	2	Asphalt	Vegatation	2	2	6/30/2016	90	Crack Repairs	60			No Sidewalk
105856-E	Mt. Hope Ave.	Sunset St.	Burgoyne Rd.	0.41	0.51	0.1	22	2	Asphalt	Vegatation	2	2	6/30/2016	90	Crack Repairs	60			No Sidewalk
105895	Veterans Rd.	Rt. 9N / 22	Dead End	0	0.95	0.95	20	2	Asphalt	Vegatation	2	2	7/19/2016	90	Crack Repairs	60			No Sidewalk
105871	River Rd.	Montcalm St.	Rt. 22	0	0.5	0.5	24	2	Asphalt	Vegatation	2	2	7/1/2016	90	Crack Repairs	60			No Sidewalk
105862-C	Park Ave.	Sunset St.	Burgoyne Ave.	0.34	0.54	0.2	20	2	Asphalt	Vegatation	2	2	6/29/2016	89	Crack Repairs	60			No Sidewalk
105856-C	Mt. Hope Ave.	Patriot Pass	Mohawk Tr.	0.2	0.26	0.06	23	2	Asphalt	Vegatation	2	2	6/30/2016	88	Crack Repairs	60			No Sidewalk
105837-B	Iroquois St.	Holcomb Ave.	Lake George Ave.	0.05	0.1	0.05	26	2	Asphalt	Curb - Concrete	2	2	7/7/2016	86	Crack Repairs	60			Holcomb Side--4ft*full length, good condition \\Opposite Side--4ft*full length, great condition
105833-A	Highland St.	The Portage	Champlain Ave.	0	0.12	0.12	22	2	Asphalt	Vegatation	2	2	7/7/2016	86	Patching	60	YES?	Pooling of water on properties, road drainage an issue?	Side--4ft*full length, minimum cracking, minimal heaving, great overall
105853-G	Montcalm Street	Cannon Ball	Tower Avenue	0.44	0.61	0.17	24	2	Asphalt	Vegatation	5	5	6/29/2016	80	Overlay	60			Side--5ft*120ft, perfect condition
105811-D	Champlain Ave	Father Jogues St.	The Portage	0.21	0.26	0.05	34	2	Asphalt	Curb - Concrete	5	5	7/7/2016	79	Surface Treatments	60			Father Jogues Side--4ft*full length, good condition \\Portage Side--4ft*full length, fair condition
105794-A	Amherst Ave.	Father Jogues St.	Iroquois St	0	0.05	0.05	26	2	Asphalt	Curb - Concrete	3	5	7/7/2016	74	Overlay	60	YES		Church Side--4ft*435ft, good condition \\Opposite Side--4ft*full length, severe cracking, small heaves, severe corner breaks, high priority area
105846-C	Lord Howe St.	Schuyler St.	John St.	0.64	0.74	0.1	20	2	Asphalt	Curb - Concrete	4	4	6/30/2016	72	Overlay	60	YES		Side-- 4ft*full length, large amount of cracking, significant heaving, poor cracking over driveways

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105794-B	Amherst Ave.	Iroquois St.	Calkins Pl.	0.05	0.38	0.33	28	2	Asphalt	Curb - Concrete	3	5	7/7/2016	70	Overlay	60		St Mary's Side--41ft full length, poor surface deterioration for 25ft, moderate cracking \\ high school Side--48ft full length, portions of sidewalk slanted, minimal cracking, 1" heaves	
105875-C	Schuyler St.	John St.	Lord Howe St.	0.25	0.39	0.14	22	2	Asphalt	Earth	3	3	6/30/2016	84	Overlay	57	YES	Pavement does not extend to sidewalk	Side--54ft full length, moderate corner breaks, low cracking, sometimes becomes overgrown
105946-D	Lord Howe St.	John St.	George St.	0.74	0.83	0.09	20	2	Asphalt	Vegetation	4	4	6/30/2016	65	Overlay	57			Side--41ft full length, good condition
105946-A	Lord Howe St.	Alexandria Ave.	Pearl St.	0	0.16	0.16	20	2	Asphalt	Vegetation	4	4	6/30/2016	59	Overlay	57	YES	extremely poor rutting, needs attention	Side--41ft*64ft, extremely overgrown, sections near driveways have grass cover
105878-B	Shanahan Rd.	Shore Airport Rd.	Aviation Rd.	0.45	0.69	0.24	18	2	Asphalt	Vegetation	1	2	7/18/2016	92	Crack Repairs	56			No Sidewalk
105851	Myers St.	Cossey St.	Dead End	0	0.13	0.13	16	2	Asphalt	Vegetation	1	2	7/5/2016	92	Crack Repairs	56			No Sidewalk
105833-C	Highland St.	Elt St.	Lake George Ave.	0.24	0.35	0.11	18	2	Asphalt	Curb - Concrete	1	2	7/7/2016	90	Crack Repairs	56			Side--4ft, full length, minimum cracking, good condition
105882	Stanton St.	Lake George Ave.	Dead End	0	0.06	0.06	20	2	Asphalt	Curb - Concrete	1	2	7/14/2016	90	Crack Repairs	56			Side--5ft full length, good condition
105812	Charbonneau Rd.	NYS RN / 22	Delano Rd.	0	0.92	0.92	18	2	Asphalt	Vegetation	1	2	7/19/2016	90	Crack Repairs	56			No Sidewalk
105854	Morehouse Dr.	Grace Ave.	Mt. Hope Ave.	0	0.08	0.08	26	2	Asphalt	Curb - Concrete	1	2	6/30/2016	89	Patching	56	YES		Side--48ft full length, surface wearing out, few moderate cracks, lower half needs attention
105876-D	Grace Ave.	Dead End	Mohawk Trail	0.13	0.3	0.17	22	2	Asphalt	Vegetation	1	2	6/30/2016	89	Crack Repairs	56			No Sidewalk
105865	Pinnacle St.	The Portage	Dead End	0	0.18	0.18	20	2	Asphalt	Vegetation	1	2	7/7/2016	88	Crack Repairs	56			No Sidewalk
105857	Newton St.	Calkins Pl.	Dead End	0	0.05	0.05	12	1	Asphalt	Vegetation	1	2	7/14/2016	88	Crack Repairs	56			No Sidewalk
105826-E	Grace Ave	Mohawk Tr.	Sunset St.	0.3	0.48	0.18	20	2	Asphalt	Vegetation	1	2	6/30/2016	86	Patching	56		Small sediment collection on edge of roadway	No Sidewalk
105837-A	Iroquois St.	Amherst Ave.	Holcomb Ave.	0	0.05	0.05	30	2	Asphalt	Curb - Concrete	2	2	7/7/2016	83	Patching	56	YES?		Holcomb Side--41ft full length, good condition \\Opposite 4ft, full length, good condition overall, 10ft has moderate crackign, needs attention
105873	Sagamore Dr.	Baldwin Rd.	Dead End	0	0.47	0.47	20	2	Asphalt	Vegetation	2	2	7/18/2016	79	Patching	56		fields border half, good drainage	No Sidewalk
105898-A	Water St.	Alexandria Ave.	Tin Pan Alley	0	0.15	0.15	40	2	Asphalt	Paved - Asphalt	3	2	7/14/2016	83	Overlay	54			Tin Pan Side--41ft full length, good condition \\Opposite Side--41ft full length, good condition
105846-B	Lord Howe St.	Pearl St.	Schuyler St.	0.5	0.64	0.14	20	2	Asphalt	Curb - Concrete	4	4	6/30/2016	83	Surface Treatments	54			Pearl Side--5ft*450ft, great condition, 4ft*130ft, minor cracking overall, 1 bad crack and heave
105842-C	Lake George Ave.	Father Jogues St.	Iroquois St.	0.09	0.14	0.05	40	2	Asphalt	Curb - Concrete	4	4	7/14/2016	81	Surface Treatments	54			Iroquois Side--5ft full length, moderate \Heaves, corner breaks are common \\Opposite Side--5ft, full length, \Heaves, moderate potholes
105805-D	Calkins Pl.	Newton St.	Lake George Ave.	0.16	0.2	0.04	42	2	Asphalt	Curb - Concrete	3	5	7/14/2016	81	Surface Treatments	54			Newton Side--4ft, full length, 1 large corner break, good overall \\school Side--4ft*335ft, 5ft*145ft, good condition
105811-F	Champlain Ave.	Calkins Pl.	Carillon Rd.	0.59	0.68	0.09	24	2	Asphalt	Curb - Concrete	4	4	7/7/2016	77	Surface Treatments	54			Side--4ft, full length, minimum edge breaking, good overall

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RN	Name	From	To	Start Miles	End Miles	Length	Width (feet)	Lanes	Surface Type	Shoulder Type	Traffic 1(Lo) - 5	Importance 1(Lo) - 5	Survey Date	Condition (PCI)	Repair Category	Priority	Attention Needed?	Road Notes	Sidewalk Notes
105860-B	Old Chilson Rd.	Killcut Mtn. Rd.	County Rt. 56	2.78	2.9	0.12	20	2	Asphalt	Vegetation	1	1	7/18/2016	92	Crack Repairs	52			No Sidewalk
105891	Tiroga Beach Ln.	County Line	County Line	0	0.33	0.33	18	1	Asphalt	Vegetation	1	1	7/18/2016	92	Crack Repairs	52			No Sidewalk
105880	Steamboat Lndg.	Baldwin Rd.	Dead End	0	0.13	0.13	20	2	Asphalt	Vegetation	1	1	7/18/2016	91	Patching	52		needs drainage work to help preserve for longer	No Sidewalk
105839	Keast Rd.	Rt. 74	Dead End	0	0.1	0.1	10	1	Unpaved	Vegetation	1	1	7/19/2016	90	Surface Reshape	52			No Sidewalk
105848	Maplewood Ln.	Shore Airport Rd.	Dead End	0	0.2	0.2	20	2	Asphalt	Vegetation	1	1	7/18/2016	89	Patching	52			No Sidewalk
105828	Hall Rd.	Rt. 74	Dead End	0	0.6	0.6	20	2	Asphalt	Vegetation	1	1	7/19/2016	88	Crack Repairs	52			No Sidewalk
105922	Eichen St.	Alexandria Ave.	Dead End	0	0.07	0.07	16	2	Asphalt	Curb - Concrete	1	1	7/19/2016	87	Crack Repairs	52			No Sidewalk
105826-C	Grace Ave.	St. Clair St.	Morehouse Dr.	0.1	0.13	0.03	24	2	Asphalt	Curb - Concrete	1	2	6/30/2016	84	Patching	52		Side--4ft*full length, good condition, surface is starting to deteriorate	
105800-A	Old Chilson Rd.	Racetrack Rd.	Killcut Mtn. Rd.	0	2.78	2.78	20	2	Asphalt	Vegetation	1	2	7/19/2016	82	Patching	52			No Sidewalk
105804	Uncas Dr.	Wiley St.	Grace Ave.	0	0.05	0.05	20	2	Asphalt	Curb - Concrete	1	2	6/30/2016	82	Patching	52		5ft*full length, 1 edge break,	
105816	Cottage Rd.	Baldwin Rd.	Hoed Lndg.	0	0.17	0.17	20	2	Asphalt	Vegetation	1	2	7/18/2016	77	Patching	52		great condition	No Sidewalk
105802-I	Burgoyne Rd.	Tower Ave.	Rt.74 & 22	0.84	1.38	0.54	22	2	Asphalt	Vegetation	3	4	6/30/2016	84	Surface Treatments	51		starting from Rt. 74, Canal Side--4ft*1500ft, first 500ft, good condition, surface starting to deteriorate, next 230ft, needs work, moderate cracking and ingrown, next 800ft has medium cracking \\ Opposite Side--4ft*500ft, minimum cracking	
105792-A	Alexandria Ave.	The Portage	Champlain Ave.	0	0.05	0.05	43	2	Asphalt	Curb - Concrete	3	4	7/14/2016	83	Overlay	51		Champlain Side--4ft*245ft, 6.5*25ft, very minimal cracking, good condition \\Opposite Side--4ft*125ft, great condition	
105887-F	The Portage	Highland St.	Crown Hts.	0.52	0.64	0.12	32	2	Asphalt	Curb - Concrete	4	3	7/5/2016	82	Overlay	51		Side--4ft*full length, perfect condition	
105887-E	The Portage	Carillon Rd.	Highland St.	0.42	0.52	0.1	30	2	Asphalt	Curb - Concrete	4	3	7/5/2016	80	Surface Treatments	51		Side--4ft*full length, very good condition	
105802-H	Burgoyne Rd.	Fraisier Bridge Dr.	Tower Ave.	0.79	0.84	0.05	22	2	Asphalt	Curb - Concrete	3	4	6/30/2016	78	Overlay	51	sewer floods over road during storms	Frazier Side--4ft*full length, few cracks, good condition \\Opposite Side--4ft*full length, minimum cracking, good condition, needs cleaning	
105823-B	Father Jogues	Amherst Ave.	Champlain Ave.	0.1	0.19	0.09	44	2	Asphalt	Curb - Concrete	3	4	7/7/2016	75	Surface Treatments	51	YES		Amherst Side--5ft*full length, good condition, few small heaves \\Opposite Side--Surface deterioration, rebar exposed
105842-B	Lake George Ave.	Algonkin St.	Father Jogues St.	0.04	0.09	0.05	40	2	Asphalt	Curb - Concrete	4	4	7/14/2016	74	Overlay	51	YES		Algonkin Side--5ft, full length, moderate cracking, consistent, corner breaks \\Opposite Side--5ft*full length, minimum surface deterioration/rim, minimal cracking, few 1"heaves
105832	Hemlock Cir.	Pine Springs	Dead End	0	0.03	0.03	12	1	Asphalt	Vegetation	1	1	7/14/2016	85	Crack Repairs	48			No Sidewalk
105811-I	Champlain Ave.	Ell St.	Alexandria Ave.	0.8	0.9	0.1	24	2	Asphalt	Curb - Concrete	3	3	7/7/2016	84	Surface Treatments	48			Side--4ft*full length, minimal surface deterioration, minimal cracking
105811-H	Champlain Ave.	Highland St.	Ell St.	0.74	0.8	0.06	24	2	Asphalt	Curb - Apshalt	3	3	7/7/2016	84	Surface Treatments	48			Side--4ft*375ft, surface starting to deteriorate, minimal cracking
105801	Buck Mtn. Rd.	Town Line	Town Line	0	0.44	0.44	18	2	Unpaved	Vegetation	1	1	7/19/2016	84	Surface Reshape	48		lines go from pipe to concrete rock	No Sidewalk
105849	Mcnaughton Rd.	Rt. 74	Shanahan Rd.	0	0.81	0.81	20	2	Asphalt	Vegetation	1	1	7/18/2016	83	Crack Repairs	48		pasture for shoulder	No Sidewalk
105829-A	Hawk ave	Cannonball	Muskeball Run	0	0.05	0.05	22	2	Asphalt	Vegetation	2	4	7/5/2016	82	Surface Treatments	48			No Sidewalk
105867	Outlet Dr.	Baldwin Rd.	Dead End	0	0.48	0.48	20	2	Asphalt	Vegetation	1	1	7/18/2016	82	Patching	48			No Sidewalk

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105806	Canfield Rd.	Purtis Pond Rd.	Dead End	0	1.41	1.41	18	2	Asphalt	Vegetation	1	2	7/19/2016	82	Overlay	48			No Sidewalk
105878-A	Shanahan Rd.	Mcclaughlin Rd.	Shore Airport Rd.	0	0.45	0.45	18	2	Asphalt	Vegetation	1	1	7/19/2016	81	Crack Repairs	48		section starts at corner	No Sidewalk
105836	Howes Und.	Baldwin Rd.	Dead End	0	0.24	0.24	16	2	Asphalt	Vegetation	1	2	7/19/2016	80	Overlay	48			No Sidewalk
105809-D	Cannonball Path	Hawkeye	Montcalm St.	0.33	0.45	0.12	22	2	Asphalt	Vegetation	2	4	7/5/2016	78	Surface Treatments	48			No Sidewalk
105809-A	Cannonball Path	Champlain Ave.	Hawkeye	0	0.11	0.11	22	2	Asphalt	Vegetation	2	4	7/6/2016	75	Surface Treatments	48			No Sidewalk
105823-A	Father Jogues	Champlain Ave.	Amherst Ave.	0	0.1	0.1	34	2	Asphalt	Curb - Concrete	3	4	7/7/2016	69	Surface Treatments	48	YES		Amherst Side--5ft*4205ft, 12.5ft*200ft, extreme surface deterioration by driveway, 1"" heaving, severe cracking by field \\Opposite Side--3ft*185ft, 4.5ft*425ft, minimal heaving <1", severe surface deterioration in one spot, good condition elsewhere
105797-B	Bear Pond Rd.	Pavement Change	Dead End	0.05	1.1	1.05	16	2	Unpaved	Vegetation	1	1	7/19/2016	60	Regrade	48		Services Logging trucks and few camps	No Sidewalk
105881-E	St. Clair St.	Third Street	Grove Ave.	0.2	0.3	0.1	24	2	Asphalt	Curb - Apshalt	2	3	6/29/2016	80	Overlay	45	YES		Side-- 4ft*ends 20ft before grove, few 2"" heaves, fair condition
105898-B	Water St.	Tin Pan Alley	The Portage	0.15	0.35	0.2	34	2	Asphalt	Curb - Concrete	3	2	7/14/2016	78	Overlay	45			Lake Side--4ft, full length, perfect condition \\Opposite Side--5ft*580ft, minimal cracking, few 1"" heaves
105868	Pine Springs	Baldwin Rd.	Dead End?	0	1.3	1.3	20	2	Asphalt	Vegetation	1	2	7/14/2016	74	Overlay	45			No Sidewalk
105872-B	Rock St.	Overlook Dr.	Woody Ln.	0.05	0.14	0.09	20	2	Asphalt	Vegetation	1	2	7/5/2016	71	Overlay	45			No Sidewalk
105810	Canter St.	Pine Springs	Pine Springs	0	0.11	0.11	20	2	Asphalt	Vegetation	1	2	7/19/2016	88	Surface Treatment	42			No Sidewalk
105874	Sawyer Rd.	Shore Airport Rd.	Rt. 9N / 22	0	0.25	0.25	18	2	Asphalt	Vegetation	1	1	7/19/2016	70	Overlay	42	YES	Extremely Bad Edge Cracking	No Sidewalk
105893	Treadway St.	The Portage	Woody Ln.	0	0.25	0.25	28	2	Asphalt	Curb - Concrete	1	2	7/5/2016	85	Surface Treatments	39			Woody Side--4ft*full length, fair condition \\ Opposite Side--4ft*485ft, good condition
105833-B	Highland St.	Champlain Ave.	Ell St.	0.12	0.24	0.12	26	2	Asphalt	Curb - Concrete	1	2	7/7/2016	84	Surface Treatments	39	YES		Side--4ft*50ft, moderate cracking overall, some severe corner breaks
105809-B	Cannonball Path	Hawkeye St.	Musketball Path	0.11	0.22	0.11	22	2	Asphalt	Vegetation	1	2	7/5/2016	82	Surface Treatments	39			No Sidewalk
105821	Ell St.	Champlain Ave.	Highland St.	0	0.15	0.15	22	2	Asphalt	Vegetation	1	2	7/7/2016	81	Surface Treatments	39	YES?	No drains present, yard ponding	No Sidewalk
105835	Holcomb Ave.	Iroquois St.	Dead End	0	0.09	0.09	24	2	Asphalt	Curb - Concrete	1	2	7/7/2016	78	Overlay	39			Side--4ft*full length, <1"" heaves, 1 severe edge crack
105800-A	Bull Rock Rd.	Rt. 9N	Shattuck Rd.	0	0.68	0.68	18	2	Asphalt	Vegetation	1	2	7/19/2016	75	Overlay	39		floods on occasion	No Sidewalk
105817	Crown Hts.	The Portage	Dead End	0	0.15	0.15	20	2	Asphalt	Curb -Apshalt	1	2	7/6/2016	75	Surface Treatments	39			No Sidewalk
105831	Heather Hts.	Burgoyne Rd.	Dead End	0	0.08	0.08	20	2	Asphalt	Vegetation	1	1	6/30/2016	65	Overlay	39			No Sidewalk
105842-E	Lake George Ave.	Stanton St.	Calkins Pl.	0.31	0.51	0.2	40	2	Asphalt	Curb - Concrete	4	5	7/14/2016	77	Rehab	38	YES		Calkins Side--5ft*full length, 440ft is severe potholes &surface deterioration \\Opposite Side--5ft*97ft, moderate cracking in some areas, fair condition
105808	Carnegie Place	Montcalm St.	Municipal Pk. L.	0	0.03	0.03	26	2	Asphalt	Curb - Concrete	2	4	6/29/2016	76	Rehab	38			Side--5ft*105ft, minor edge cracking, good condition
105802-A	Burgoyne Rd.	Rt. 74 & 22	Park Ave.	0	0.04	0.04	24	2	Asphalt	Vegetation	4	3	6/30/2016	68	Rehab	38			No Sidewalk
105869	Price Rd.	Rt. 9N	Dead End	0	0.2	0.2	16	2	Asphalt	Vegetation	1	1	7/19/2016	77	Overlay	36		Shifts to unpaved, still good condition	No Sidewalk
105844	Lee Ln.	Pine Springs	Dead End	0	0.03	0.03	16	1	Unpaved	Vegetation	1	1	8/2/2016	75	Regrade	36		Switches to pavement	No Sidewalk
105826-A	Grace Ave.	Dead End	Uncas Dr.	0	0.06	0.06	22	2	Asphalt	Curb - Concrete	1	2	6/30/2016	69	Overlay	36			Uncas Side--5ft*200ft, fair condition \\Opposite Side--5ft*2.30, good, 44*90ft, poor cracking along 10ft
105809-C	Cannonball Path	Musketball Run	Hawkeye	0.22	0.33	0.11	22	2	Asphalt	Vegetation	1	2	7/5/2016	68	Overlay	36			No Sidewalk

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105802-F	Burgoyne Rd.	Lonergan Ln.	Heather Hts.	0.62	0.72	0.1	22	2	Asphalt	Vegetation	3	4	6/00/2016	65	Rehab	36			Side--4 ft*110ft, minimum cracking, small heaves, fair condition, 5ft*340ft, perfect condition
105818-A	Defiance St.	The Portage	Cossey St.	0	0.19	0.19	26	2	Asphalt	Vegetation	2	3	7/5/2016	73	Rehab	34			Side--4ft*160ft, 14ft of extreme surface deterioration, rest is great condition
105818-C	Defiance St.	Mt.Defiance Rd.	Dead End	0.34	0.44	0.1	14	2	Asphalt	Vegetation	1	1	7/5/2016	70	Rehab	34			No Sidewalk
105861	Overlook Dr.	Rock St.	Montcalm St.	0	0.3	0.3	20	2	Asphalt	Vegetation	1	2	7/5/2016	61	Rehab	34			No Sidewalk
105872-A	Rock St.	Cossey St.	Overlook Dr.	0	0.05	0.05	20	2	Asphalt	Curb - Concrete	1	2	7/5/2016	75	Rehab	32			No Sidewalk
105868	Musketball Run	Canonball Run	Hawkeye Ln.	0	0.08	0.08	22	2	Asphalt	Vegetation	1	1	7/5/2016	64	Rehab	32	YES?	road is closed	
105799	Bemetz Rd.	Rt. 9N	Dead End	0	0.1	0.1	16	2	Asphalt	Vegetation	1	1	7/19/2016	78	Rehab	30		Road Extending to bridge is not a drivable road	No Sidewalk
105826-B	Grace Ave.	Lucas Dr.	St.Clair St.	0.06	0.1	0.04	26	2	Asphalt	Vegetation	1	2	6/00/2016	71	Rehab	30			Side--5 ft*full length, great condition
105818-B	Defiance St.	Cossey St.	Mt.Defiance Rd.	0.19	0.34	0.15	24	2	Asphalt	Vegetation	2	2	7/5/2016	63	Rehab	30			Side--4 ft*256ft, minimum heaving, few edge breaks
105793	Algonkin St.	Champlain Ave.	Lake George Ave.	0	0.13	0.13	28	1	Asphalt	Curb - Concrete	2	3	7/6/2016	54	Rehab	30	YES		Laundromat Side--4ft*445ft, fair condition overall, 20ft needs attention, 10ft surface gone \nOpposite Side--4ft*full length, 2" heaving & surface deterioration by driveways, edge breaks
105863	Stony Lonesome	Corduroy Rd.	Town Line	0	0.52	0.52	20	2	Asphalt	Vegetation	1	1	7/19/2016	52	Rehab	30			No Sidewalk
105850	McCormick St.	Champlain Ave.	Tower Ave.	0	0.06	0.06	18	2	Asphalt	Curb - Concrete	2	2	6/00/2016	77	Rehab	28			Parking Side--4ft*225ft, minimum cracking, edge covered with earth ~3", 5ft*35ft, perfect condition \nOpposite Side--8ft*135ft, good condition
105797-A	Bear Pond Rd.	Rt. 74	Pavement Change	0	0.05	0.05	16	2	Asphalt	Vegetation	1	1	7/19/2016	73	Rehab	28		Services logging trucks and some camps	No Sidewalk
105815-B	Cossey St.	Meyer St.	Rock St.	0.05	0.3	0.25	16	2	Asphalt	Curb - Concrete	1	2	7/5/2016	65	Rehab	28			Side--4ft*980ft, minor heaving, minor cracking
105815-C	Cossey St.	Rock St.	Defiance St.	0.3	0.55	0.25	20	2	Asphalt	Vegetation	1	2	7/5/2016	63	Rehab	28	YES		Side--3.5ft*350ft, moderate cracking, some surface deterioration
105825	George St.	Lord Howe St.	John St.	0	0.15	0.15	30	2	Asphalt	Curb - Concrete	1	2	6/00/2016	60	Rehab	28	YES		George Side--4ft*full length, poor joint sealing, bad heaving, sections coming apart with 2"-4" gaps
105800-B	Bull Rock Rd.	Shattuck Rd.	Dead End	0.68	1.2	0.52	18	2	Asphalt	Vegetation	1	2	7/19/2016	58	Rehab	28	YES	Culverts are not paved over	No Sidewalk
105810-B	Birchwood Rd.	Kennedy Dr.	Dead End	0	0.02	0.02	16	2	Asphalt	Vegetation	1	2	7/19/2016	57	Rehab	28	YES	Section of Birchwood is a local road, very poor condition	No Sidewalk
105815-A	Cossey St.	Montcalm St.	Meyer St.	0	0.05	0.05	20	2	Asphalt	Vegetation	2	2	7/5/2016	69	Rehab	26			Side--4ft*full length, good condition, minimum cracking
105820	Depot St.	Champlain Ave.	Comm. Bldg. Lot	0	0.08	0.08	16	2	Asphalt	Earth	1	1	7/6/2016	65	Rehab	26			Asphalt Side--4ft*110ft
105852	Mohawk Trail	Mt. Hope Ave.	Grace Ave.	0	0.07	0.07	18	2	Asphalt	Vegetation	1	1	6/00/2016	60	Rehab	26			No Sidewalk
105811-B	Champlain Ave.	Montcalm St.	Algonkin St.	0.04	0.13	0.09	50	2	Asphalt	Curb - Concrete	5	5	7/7/2016	94	Defer Maintenance	21			Sunoco Side--8 ft*140ft, 98*30ft, 5.5ft*55ft, 7ft*50ft, \nPost Office Side--5.5ft*160ft, 10ft*245ft, minimum surface deterioration
105892-B	Tower Ave.	McCormick St.	Burgoyne Rd.	0.05	0.15	0.1	26	2	Asphalt	Curb - Granite	4	5	6/00/2016	94	Defer Maintenance	20		Road and Sidewalk new 2015	Side--5ft*full length, perfect condition
105892-A	Tower Ave.	Montcalm St.	McCormick St.	0	0.05	0.05	26	2	Asphalt	Curb - Granite	4	5	6/00/2016	94	Defer Maintenance	20		Road and Sidewalk new 2015	Side--5ft*full length, perfect condition

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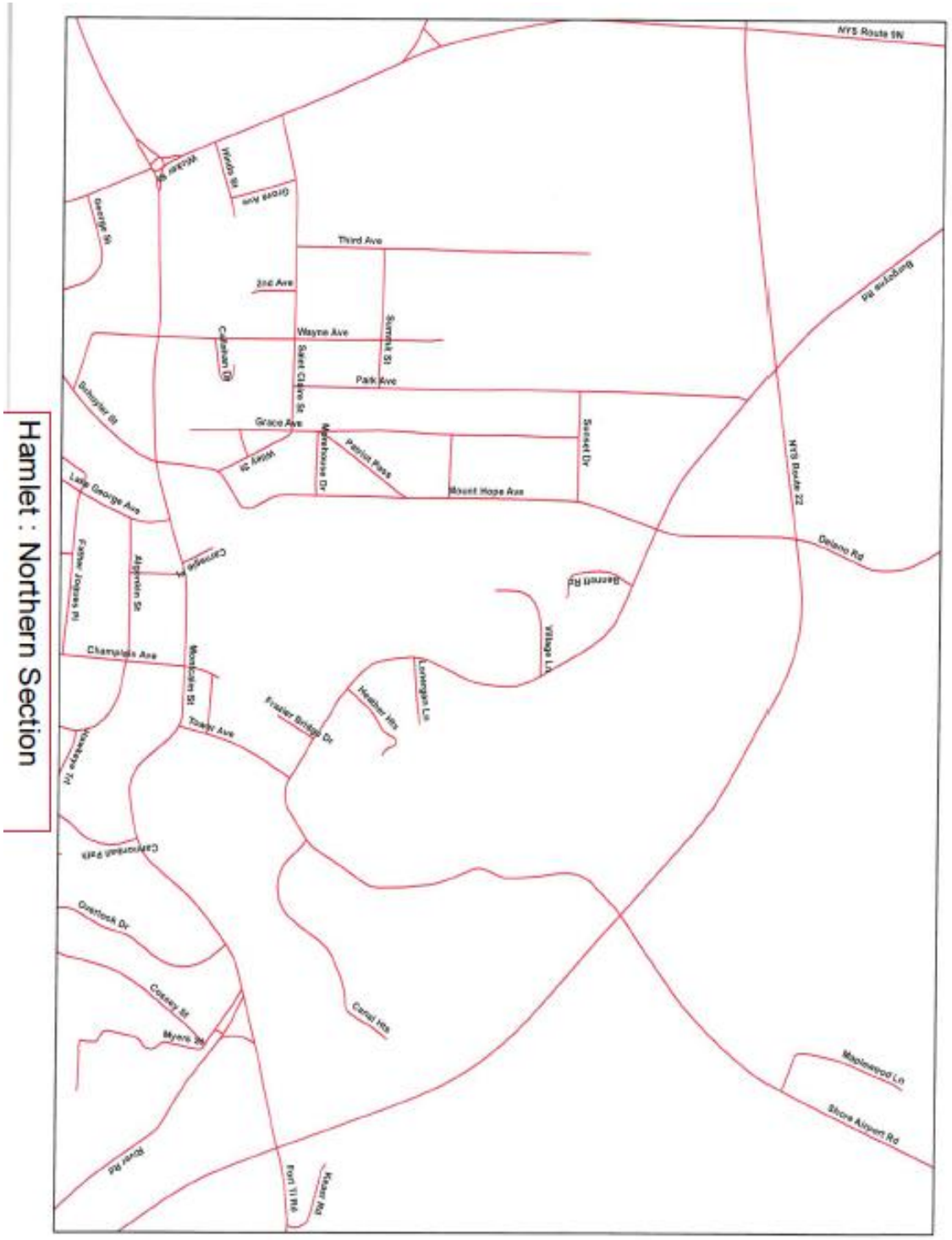
105899-D	Wayne Ave.	Summit St.	Firemans Field	0.37	0.43	0.06	20	2	Asphalt	Vegetation	2	3	6/29/2016	94	Defer Maintenance	15			
105896-B	Sunset St.	Grace Ave.	Park Ave.	0.08	0.12	0.04	18	2	Asphalt	Vegetation	2	2	6/30/2016	94	Defer Maintenance	15		Recenetly Paved	No Sidewalk
105896-A	Sunset St.	Mt. Hope Ave.	Grave Ave.	0	0.08	0.08	18	2	Asphalt	Vegetation	2	2	6/30/2016	94	Defer Maintenance	15		Recenetly Paved	No Sidewalk
105888-A	Third Ave.	St. Clair St.	Summit St.	0	0.1	0.1	28	2	Asphalt	Curb - Apshalt	2	3	6/29/2016	94	Defer Maintenance	16	YES	Recenetly Paved	Side--41**full length, bad surface, poor cracking, poor heaving near driveways, many moderate cracks
105881-C	St. Clair St.	Wayne Ave	Second St	0.1	0.15	0.05	28	2	Asphalt	Curb - Concrete	2	3	6/29/2016	94	Defer Maintenance	16			Second Side--5ft*full length, minimum cracking; fair condition \\Opposite Side--41**1336, few cracks, good condition
105885-B	Summit St.	Wayne Ave.	Park Ave.	0.1	0.15	0.05	20	2	Asphalt	Pave - Concrete	2	2	6/28/2016	94	Defer Maintenance	15	YES	Road in great shape	Side--4ft*1056ft, poor surface condition, severely cracked in some areas, needs attention in front of 2 houses
105885-A	Summit St.	Third St.	Wayne Ave.	0	0.1	0.1	20	2	Asphalt	Vegetation	2	2	6/29/2016	94	Defer Maintenance	15		Road in great shape	No Sidewalk
105862-B	Park Ave.	Summit St.	Sunset St.	0.1	0.34	0.24	24	2	Asphalt	Vegetation	2	2	6/29/2016	94	Defer Maintenance	15		Recenetly Paved	Side--4ft*400ft, minimal cracking, good condition
105862-A	Park Ave.	St. Clair St.	Summit St.	0	0.1	0.1	28	2	Asphalt	Curb - Concrete	2	2	6/29/2016	94	Defer Maintenance	15	YES	Recenetly Paved	Summit Side--4ft*370ft, minimal cracking, good condition \\ Opposite Side--4ft*full length, 1 edge break needs attention, minimal cracking, good condition
105856-B	Mt. Hope Ave.	Morehouse Dr.	Patriot Pass	0.1	0.2	0.1	28	2	Asphalt	Vegetation	2	2	6/30/2016	94	Defer Maintenance	15		Recenetly Paved	No Sidewalk
105878-C	Shanahan Rd	Aviation Rd.	Delano Rd.	0.69	1.35	0.66	18	2	Asphalt	Vegetation	1	2	7/18/2016	94	Defer Maintenance	14			No Sidewalk
105838-B	John St.	George St.	Schuyler St.	0.1	0.25	0.15	28	2	Asphalt	Curb - Concrete	1	2	6/30/2016	94	Defer Maintenance	14			John Side--5ft*whole length both sides, perfect condition
105840	Kennedy Dr.	Alexandria Ave.	Birchwood Rd.	0	0.09	0.09	20	2	Asphalt	Vegetation	1	2	7/19/2016	94	Defer Maintenance	14	YES	Birchwood intersection, poor condition	No Sidewalk
105791	Abercrombie St.	The Portage	Dead End	0	0.18	0.18	28	2	Asphalt	Vegetation	1	2	7/6/2016	94	Defer Maintenance	14			No Sidewalk
105889	Timber St.	Woody Ln.	Dead End	0	0.02	0.02	14	1	Asphalt	Vegetation	1	1	7/5/2016	36	Reconstruction	14	YES	Road almost unpassable, terrible condition but only services 2 houses	No Sidewalk
105879	Spruce Cir.	Pine Springs	Dead End	0	0.03	0.03	12	1	Asphalt	Vegetation	1	1	8/2/2016	94	Defer Maintenance	13		Listed as a local road but has a private road sign up	No Sidewalk
105897-A	Warner Hill Rd.	Rt. 9N / 22	Pavement Change	0	2.02	2.02	20	2	Asphalt	Vegetation	1	1	7/19/2016	94	Defer Maintenance	13			
105876	Second Ave.	St. Clair St.	Dead End	0	0.05	0.05	16	2	Asphalt	Paved - Aspahlt	1	1	6/29/2016	94	Defer Maintenance	13		Dead End covered in sediment	No Sidewalk
105885	Mossy Point Rd.	Black Point	Black Point	0	0.47	0.47	20	2	Asphalt	Vegetation	1	1	7/14/2016	94	Defer Maintenance	13		Recenitly paved and ditched	No Sidewalk
105803-A	Birchwood Rd.	Kennedy Dr.	Dead End	0	0.15	0.15	16	2	Asphalt	Vegetation	1	1	7/19/2016	94	Defer Maintenance	13		Not listed in local roads listing, covered in sediment	No Sidewalk
105819	Sawyer Farm Rd.	Shore Airport Rd.	Dead End	0	0.65	0.65	20	2	Asphalt	Vegetation	1	2	7/19/2016	23	Reconstruction	13			No Sidewalk
105845	Lester Hack Rd.	Shore Airport Rd.	Dead End	0	0.2	0.2	20	2	Asphalt	Vegetation	1	1	7/19/2016	51	Reconstruction	12		Not the best crown	No Sidewalk
257731-B	Blenbaum Rd.	Closed Road	Closed Road	0.76	0.86	0.1	32	2	Unpaved	Vegetation	1	1	7/19/2016	18	Reconstruction	12		This is a closed road	No Sidewalk
257731-A	Blenbaum Rd.	Rt. 9N / 22	Closed Road	0	0.76	0.76	32	2	Unpaved	Vegetation	1	1	7/19/2016	15	Reconstruction	12		Services no houses	No Sidewalk

Minutes for a Ticonderoga Special Town Board Meeting held on August 5, 2016 commencing at 10:00 a.m. for a Presentation regarding Road Assessments & Financial Resolutions

Appendix B

Ticonderoga Map of Local Roads



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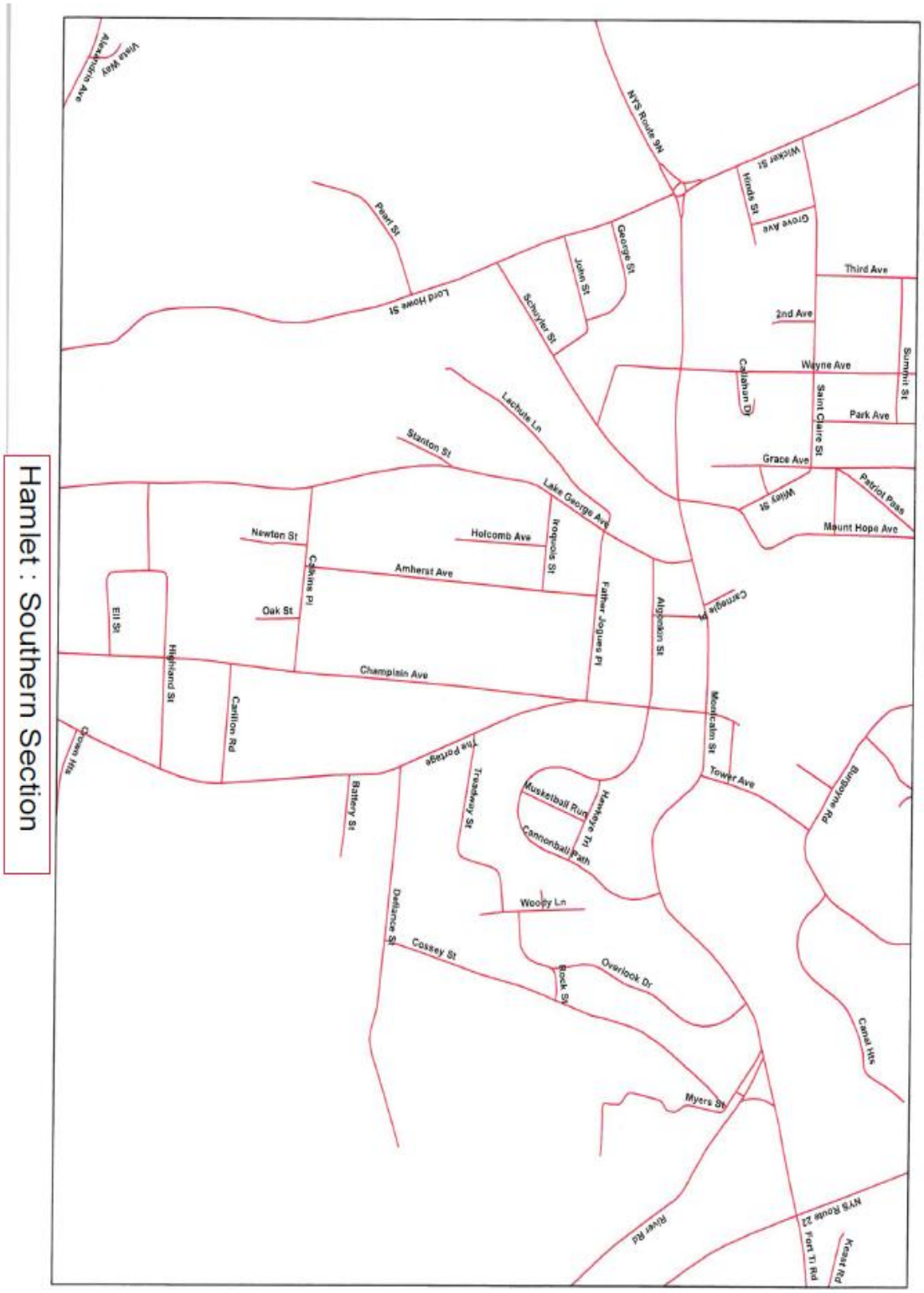

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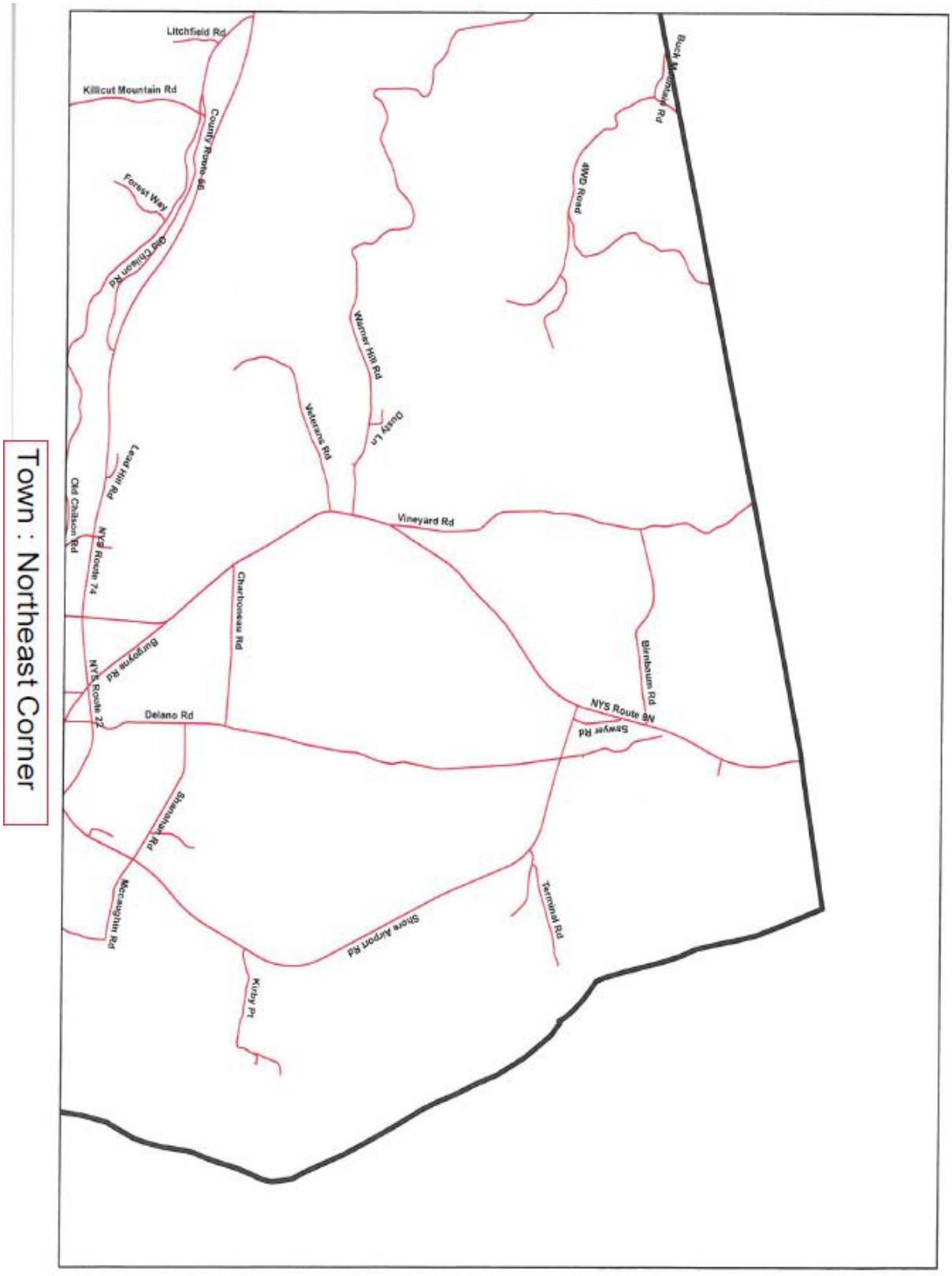

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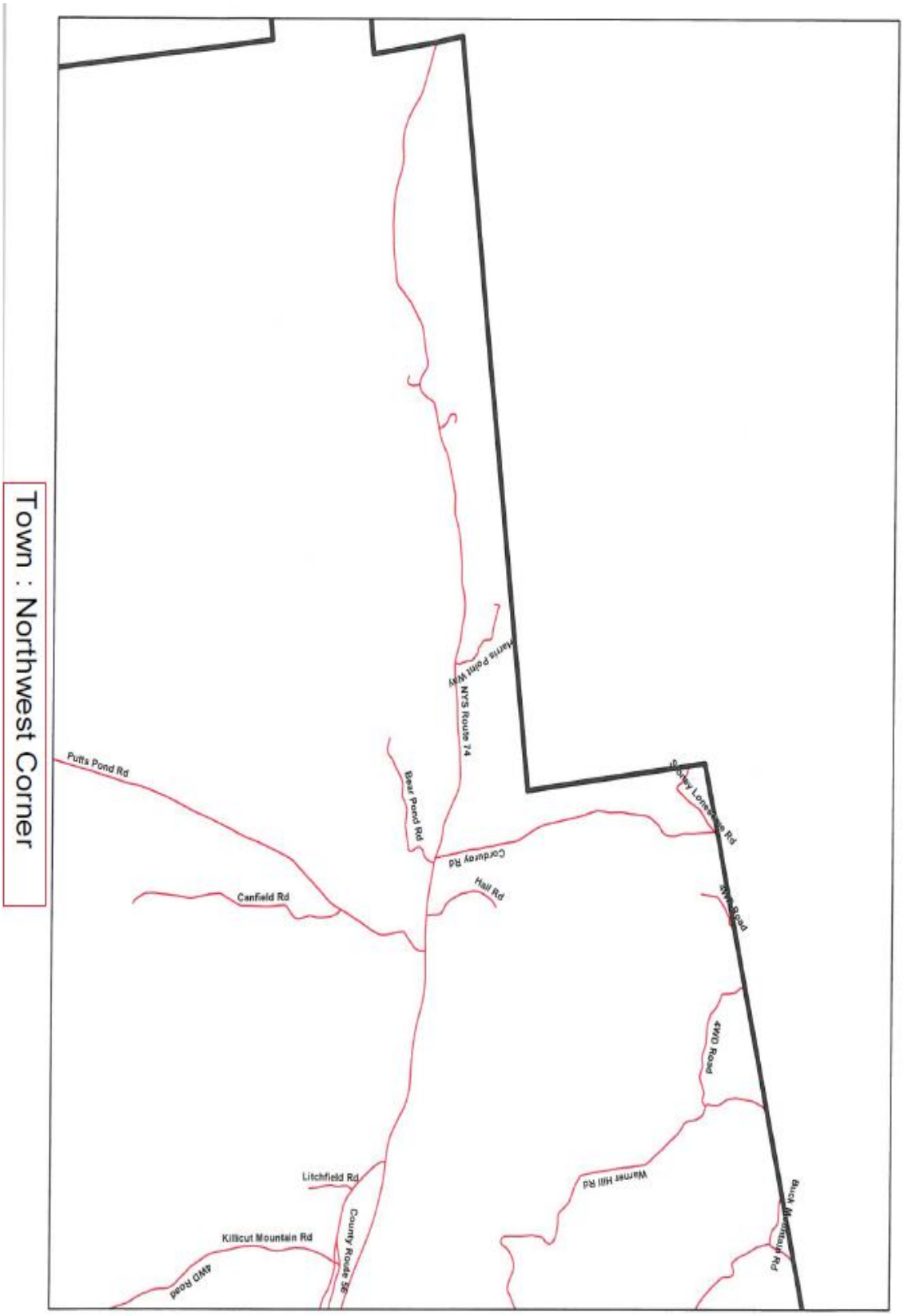

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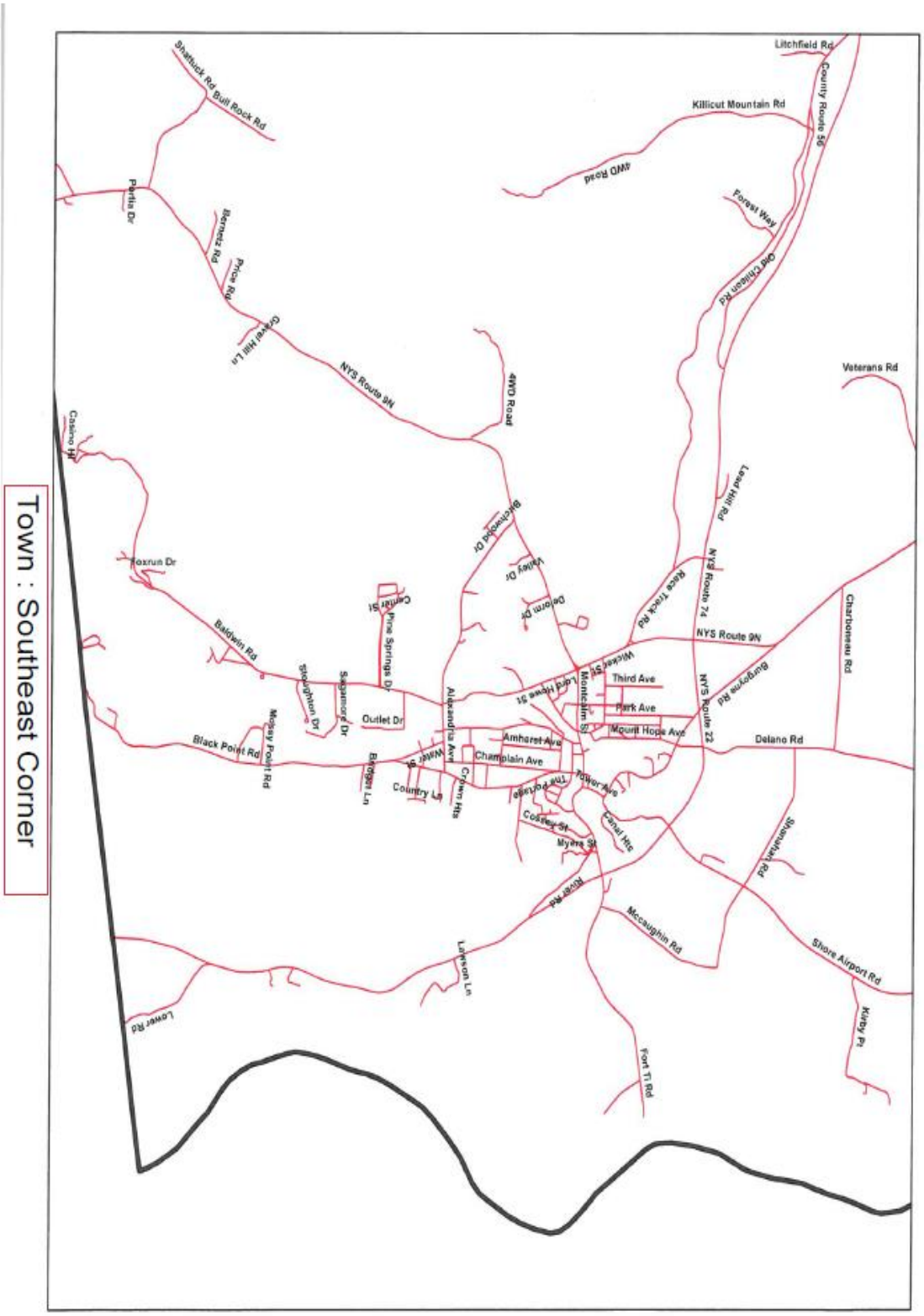

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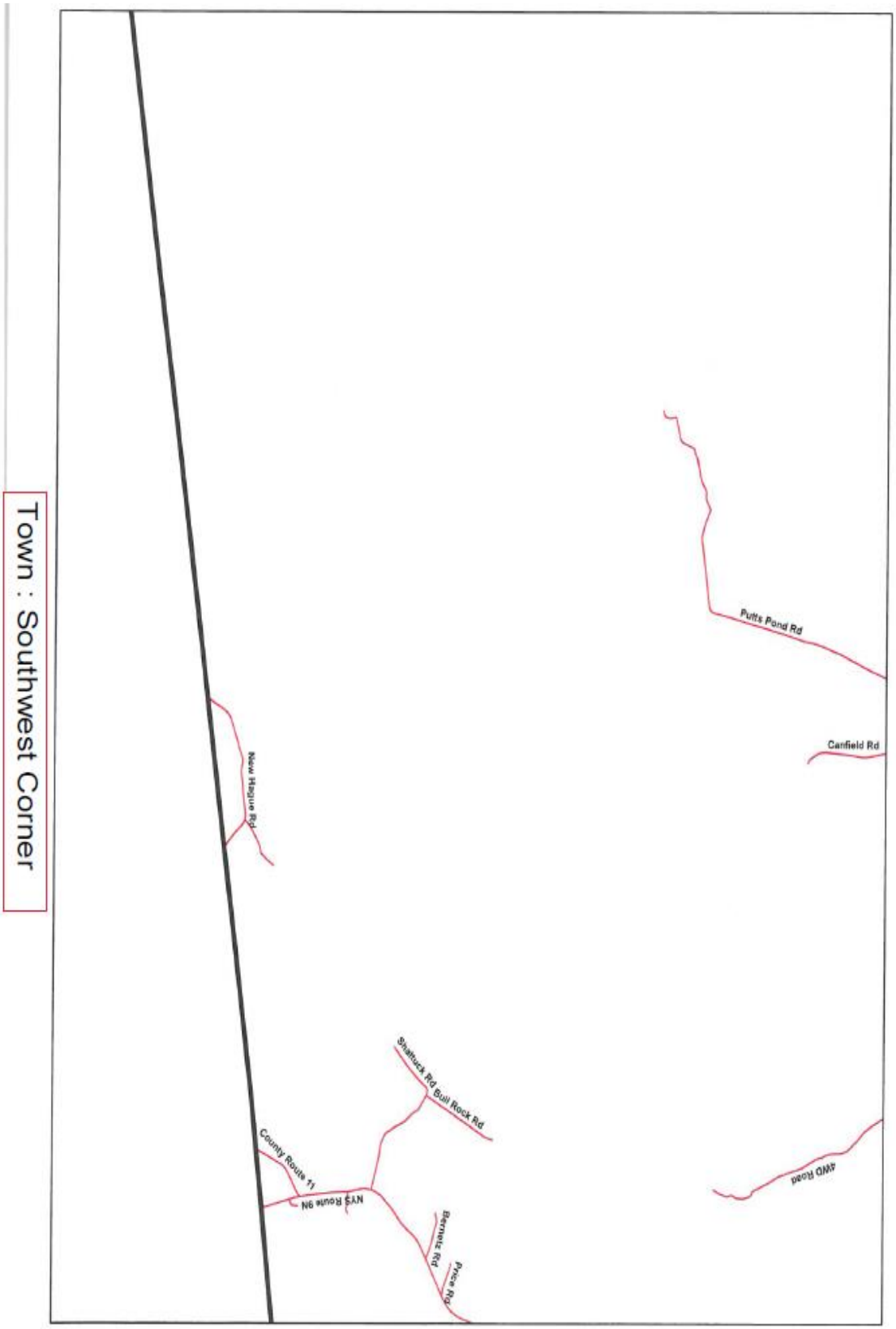

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Appendix C

CAMP-RS Asphalt Pavement Condition Survey

CAMP-RS Asphalt Pavement Condition Survey

Street: _____	Distance: _____	Name: _____
Section #: _____	Start : _____	Date: _____
Start: _____	End : _____	Weather: _____
End: _____	Length: _____	Temp (F°/C°): _____

LONGITUDINAL/ TRANSVERSE CRACKING

SEVERITY	NO Defects	EXTENT Low	EXTENT Med	EXTENT High
Low		1	2	3
Med		4	5	6
High		7	8	9

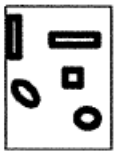
ALLIGATOR CRACKING

SEVERITY	NO Defects	EXTENT Low	EXTENT Med	EXTENT High
Low		1	2	3
Med		4	5	6
High		7	8	9

EDGE CRACKING

SEVERITY	NO Defects	EXTENT Low	EXTENT Med	EXTENT High
Low		1	2	3
Med		4	5	6
High		7	8	9

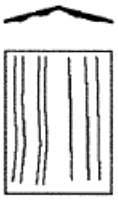
PATCHING / POTHOLES



NO Defects	EXTENT
	1 Low
	2 Medium
	3 High

Do not include good patches

RUTTING

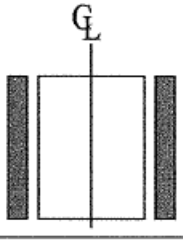


SEVERITY	NO Defects	EXTENT Low	EXTENT Med	EXTENT High
Low		1	2	3
Med		4	5	6
High		7	8	9

BLEEDING

SEVERITY	CONDITION
1	Good
4	Fair
7	Poor

DRAINAGE



SEVERITY	CONDITION
1	Good
4	Fair
7	Poor

ROUGHNESS

Check road for presence of the following:

- uneven surface
- sags
- humps
- frost heaves

SEVERITY	CONDITION
1	Good
4	Fair
7	Poor

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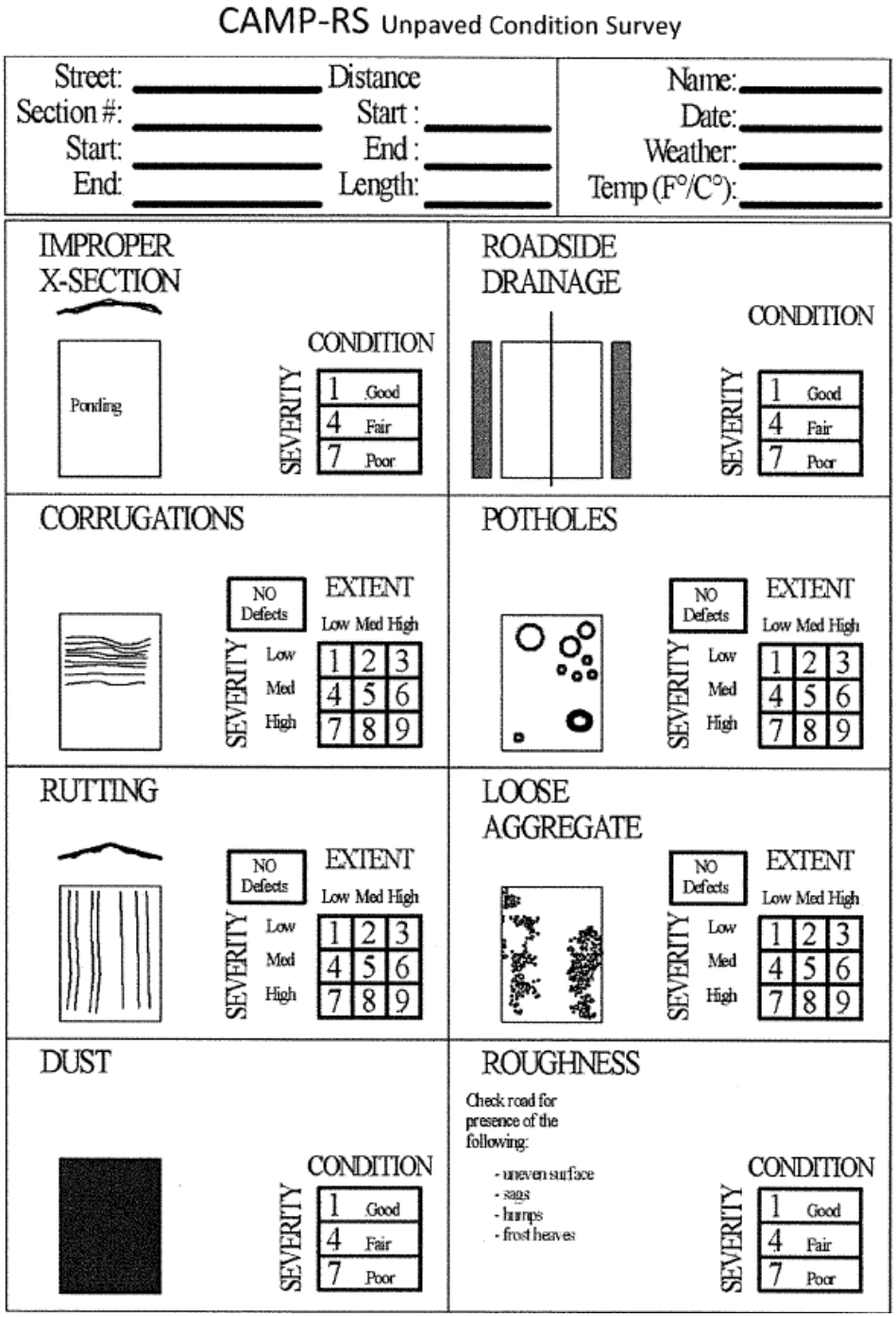
Appendix D

CAMP-RS Unpaved Condition Survey



The Board thanked the interns and congratulated them on a job well done this summer.

Minutes for a Ticonderoga Special Town Board Meeting held on August 5, 2016 commencing at 10:00 a.m. for a Presentation regarding Road Assessments & Financial Resolutions

Discussion was held on where the program goes from here, how and when it will be updated. Possibly getting traffic data on the Town's roads along with sidewalk priorities. The ground work has been laid, it is up to the Town on how to utilize it.

Meeting adjourned at 11:30 a.m.

Respectfully submitted, Tonya M. Thompson, Town Clerk