

The Town of Plympton-Wyoming  
546 Niagara Street  
Wyoming, ON  
N0N 1T0

May 21, 2025

Your Worship and Councillors:

**Re: Plan 28 and 486 Drain (2024)**

In accordance with your instructions, M. Gerrits Consulting Inc. has undertaken an examination of the Plan 28 and 486 Drain, with respect to incorporating the existing Blue Point Drive storm sewer system, the West Outlet and groyne (West Outlet), and the East Outlet and groyne (East Outlet) which is located between Lot 10 (Landowner ID 27) / Lot 15 (Landowner ID 28), into the Plan 28 and 486 Drain. The work is located in Part of Lot 38 and Lot 39, Fronting Lake Huron, within the Town of Plympton-Wyoming.

Authorization Under the Drainage Act

This Engineer's Report has been prepared, under Section 4 (1c) of the Drainage Act, as per the petition of the Road Authority.

Existing Reports

Two known drain reports were authored on the Plan 28 and 486 Drain. The following is a brief summary of the reports:

J. A. Monteith, P. Eng. prepared a drain report, dated April 18, 1967, for the Plan 28 and 486 Drain. The report included two outlets for the Blue Point Drive drainage system. The east outlet was located on municipally owned lands, between Lot 10 (Landowner ID 27) and Lot 15 (Landowner ID 28). The west outlet was located on municipally owned lands, between Lot 36 (Landowner ID 46) and the Municipal park land, to the west of Lot 36. At the time of this report, bank erosion along Lake Huron was occurring on Lot 10, Lot 15, Lot 35, and Municipal lands. The cause of the erosion was determined to be from storm drainage flows from the upstream developed lands.

In 1984 the Town of Plympton-Wyoming constructed storm sewers, and curb and gutters in the Bluepoint subdivision under a local improvement project. The storm sewers became municipal infrastructure, which used the Plan 28 and 486 Drain corrugated steel outlet pipes, to convey flows to Lake Huron. T.W. Graham, P. Eng. prepared a drain report, dated June 29, 1989. The report included repairs to the existing pipes, and the addition of gabion walls to reinforce the toe of the slope at the outlets. The report included a plan, but did not include a profile or details of the drainage works. The costs of these repairs were assessed to the lands within the watershed.

### Additional Inspections/Work

In 1999 the Town of Plympton -Wyoming repaired the drain under Section 74 of the Drainage Act. The repairs dealt with erosion and were assessed to the sanitary sewer system, and not directly to the upstream landowners.

W. J. Bartlet, P. Eng., inspected the drain and prepared an inspection report, dated August 13, 2010. The report included repairs of the gabion stone, a Closed-Circuit Television Video (CCTV) inspection of the drain, and the installations of barriers to prevent wheeled vehicles from using the access points.

M. Gerrits, P.Eng. inspected the drain and prepared an inspection report, dated May 10, 2022. The report noted that the Town of Plympton-Wyoming completed groyne repairs on the west outlet, and that the east outlet was in a state of disrepair and imminent failure.

### On Site Meeting

A site meeting was held on February 9, 2023 at the Town of Plympton-Wyoming Council Chambers. The following attended the meeting:

John Van Klavern – Town of Plympton-Wyoming

Adam Sobanski, Town of Plympton-Wyoming

Elizabeth Cumming – Town of Plympton-Wyoming

Jessica Wilson – Town of Plympton-Wyoming

Mike Gerrits – M. Gerrits Consulting Inc.

Sarah Snetsinger – St. Clair Regional Conservation

Bob Coates, Landowner

Denise Coleman, Landowner

Jim Coleman, Landowner

Malia Gosset, Landowner

Mary Beth Haywood, Landowner

Paul Haywood, Landowner

John Hong, Landowner

Deirdre Humstun/Coats, Landowner

Ben McIntyre, Landowner

Kristen Rodrigues, Landowner

The following is a brief summary of the meeting:

- Michael Gerrits informed all present, that the proposed project is being completed under the Drainage Act, and provided an overview of the Drainage Act.
- Michael Gerrits informed all present, that two corrugated steel pipe outlets to Lake Huron were constructed under a drain report, dated 1967.
- Michael Gerrits informed all present, that the Town of Plympton-Wyoming completed storm sewer improvements to the Blue Point Subdivision in 1984. The storm water was collected in the storm sewers and conveyed to Lake Huron, via the municipal drain outlets.
- Michael Gerrits informed all present, that repairs to the drain were made under a report, dated 1989. The repairs included replacement of a portion of the outlet to Lake Huron.

- Michael Gerrits informed all present, that a review of the outlets was completed in August, 2010. The review recommended rip rap repairs, construction of a wooden walkway, and the restriction of recreational vehicles from the right of way.
- Michael Gerrits informed all present, that M. Gerrits Consulting Inc. completed a review of the outlets, in the fall of 2022. The report documented the condition of the outlets at Lake Huron. The report recommended groyne repairs to protect the outlet pipes, as well as resetting any concrete anchor blocks that shifted, as a result of the deteriorated groyne.
- Michael Gerrits informed all present, that the proposed work includes reviewing the outlet pipes to the lake, and incorporating the storm sewers within the watershed into a drain report.
- Landowners were concerned the groyne repair would be delayed if it had to be repaired under a new drain report. Landowners requested that the Town consider a phased project with the first phase, including the groyne repair.
- Jim Coleman informed all present, that there used to be an outlet to Lake Huron at the end of Collingwood Street. He stated that the outlet and groyne were installed by the Town of Plympton-Wyoming. Jim Coleman stated his lands have flooded 2 times, once 20 years ago and once 5-6 years ago. He said water was backing up on Collingwood Street. Michael Gerrits informed all present, that a CCTV inspection of the storm sewers would determine if there were any obstructions in the storm sewer. Ponding water on lots may be a result of lot grading or internal (private) lot drainage.

## 2<sup>nd</sup> Site Meeting

A second site meeting was held on April 15, 2025 at the Town of Plympton-Wyoming Council Chambers. The following attended the meeting:

John Van Klavern – Town of Plympton-Wyoming

Paul daSalva, Town of Plympton-Wyoming

Elizabeth Cumming – Town of Plympton-Wyoming

Jessica Wilson – Town of Plympton-Wyoming

Merrick Van Der Vaart – St. Clair Regional Conservation

Mike Gerrits – M. Gerrits Consulting Inc.

Don Busko, Landowner

Denise Coleman, Landowner

Luke Cook, Landowner

Orland Dodds, Landowner

Mary Beth Haywood, Landowner

Deirdre Humstun, Landowner

Joe Kerrigan, Landowner

Deby Clark, Landowner

Jim Coleman, Landowner

Alex Diemer, Landowner

Malia Gosset, Landowner

Paul Haywood, Landowner

Kevin Jones, Landowner

Tom Knutt, Landowner

Andy McLean, Landowner  
Brad Slater, Landowner  
Doug Smith, Landowner  
Alicia, Landowner

Rosanna Milais, Landowner  
Vivian Slater, Landowner  
Bill Stewart, Landowner

The following is a brief summary of the meeting:

- Michael Gerrits informed all present, that the proposed project is being completed under the Drainage Act, and provided an overview of the Drainage Act.
- Michael Gerrits informed all present, that there have been two reports authored on the drain outlets to Lake Huron, one in 1967 and one in 1989.
- Michael Gerrits informed all present, that the Town of Plympton-Wyoming completed storm sewer improvements to the Blue Point Subdivision in 1984. The storm water was collected in the storm sewers, and conveyed to Lake Huron, via the municipal drain outlets.
- Michael Gerrits informed all present, that a review of the outlets was completed in August of 2010. The review recommended rip rap repairs, construction of a wooden walkway, and the restriction of recreational vehicles from the right of way.
- Michael Gerrits informed all present, that M. Gerrits Consulting Inc. completed a review of the outlets, in the fall of 2022. The report documented the condition of the outlets at Lake Huron.
- Michael Gerrits provided a brief review of the draft report.
- Landowners voiced concerns with respect to the control of storm water on the partially developed lands to the south. Landowners were informed that when these lands are fully developed, the storm water will be directed to the Cullen Drive Storm water pond. Landowners were concerned that they would continue to receive stormwater from the undeveloped lands until the lands were developed, and that progress on the site has been very slow. Landowners were also concerned that the developer may have directed some flows from the partially completed works to the proposed drain, rather than the Cullen Drive storm pond. Michael Gerrits informed all, that M. Gerrits Consulting Inc. will review the watershed grades and verify outlet connections in the field prior, to issuing the final report. M. Gerrits Consulting Inc. will also complete a review topographic data, and if necessary, a review the drainage patterns onsite will also be completed.
- Landowners informed Michael Gerrits that some lands do not have a storm lateral. Michael Gerrits informed all, that a review of the MIG plans and the CCTV video will be completed.
- Landowners requested clarification on the benefit costs. Michael Gerrits informed all, that residential lands with a benefit assessment greater than the \$425 benefit connection, listed in the draft report, have a lateral that is obstructed and will be maintained under this report.

- One landowner at the west end of Bluepoint Drive contacted the Town of Plympton-Wyoming to request that the Town review the lateral drain on the north side of the road. The Town of Plympton-Wyoming and Engineer will review the request.

#### Existing Conditions and Investigation

In 1984 the Town of Plympton-Wyoming installed storm sewers within the Blue Point subdivision (Bluepoint Drive, Collingwood Street, Thomas Street and Harris Point Road).

In 1999, the Town of Plympton-Wyoming completed repairs to the drain under Section 74 of the Drainage Act. The extent of these repairs was not well documented.

A CCTV inspection was completed in March of 2023 of the Plan 2 and 486 drain, the downstream steel casings, and the Blue Point subdivision storm sewers. The inspection documented the condition of the closed drain, steel casings, and storm sewers.

The municipal drain sections of the outlet have lost their wearing surface, which is not uncommon for corrugated steel pipe drains. There was some staining at the joints, but there were no signs of imminent failure.

The downstream steel casings (east and west outlet pipes) were generally in good condition and did not show signs of failure. There was one location on the west outlet pipe where the CCTV captured a change in flow pattern. In the opinion of M. Gerrits consulting Inc., the change in flow could be from an obstruction in the pipe.

The concrete storm sewer was installed in 1984, and the CCTV inspection revealed areas of longitudinal cracking, infiltration staining, areas of encrustation, areas of exposed rebar (minor) and one area where construction materials enter the sewer. The CCTV inspection did not document any areas of collapse nor did it provide a condition rating. Concrete pipes have a service life between 70 and 100 years. The concrete storm sewer is 40 years old and is estimated to have 50 % of its service life left. Resident had concerns regarding the condition of the Collingwood Street sewer. The CCTV did not document any obstructions on the Collingwood Street sewer. The CCTV inspection documented the condition of service laterals at the main storm sewer. The following is a summary of the laterals that had a minimum of 50% obstruction.

- Landowner ID 49 – 50%
- Landowner ID 58 – 60 %
- Landowner ID 63/64 – 80 %
- Landowner ID 65/66 – 80 %
- Landowner ID 79/80 – 100%
- Landowner ID 95 – 2 connections, 1 PVC with 10%, and one with 100%

In 2022, the groyne downstream of the west drain outlet was repaired with 4.25m (14') S64 sheet piling, a 200mm (8") H beam (Whaler), and a 0.17mx0.10mx0.01m (7x4x3/8") angle iron cap.

In 2023, the groyne downstream of the east drain outlet was repaired with 4.25m (14') S 65 sheet piling, 180mm (7") dia., 4.25m (14') steel pipes at 3m (10') spacing, a 200mm (8") H beam (Whaler), and a 0.17mx0.10mx0.01m (7x4x3/8") angle iron cap.

#### Drain Classification

The Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA), Agricultural mapping, and the 2004 St. Clair Regional Conservation Authority (SCRCA) classification mapping indicates that the Plan 28 and 486 outlets are currently unrated.

#### Design

J. A. Monteith, P. Eng of Monteith & Ingram Engineering Limited completed the design of the 1984 storm sewers. T. W. Graham of Monteith Ingraham Graham Limited completed the design of the 1989 steel casing and groyne. Design information was not part of any report or drawings provided by the Town of Plympton-Wyoming for the preparation of this report.

#### Recommendations

M. Gerrits Consulting Inc. recommends that a new drain report be prepared for a drainage works, to be known as the Plan 28 and 486 Drain (2024), in Part of Lot 38 and Lot 39, Fronting Lake Huron, within the Town of Plympton-Wyoming. The report includes the following:

- Incorporate the existing Bluepoint Drive, Collingwood Street, Thomas Street, and Harris Point Road storm sewer drawings, prepared by Monteith & Ingram Engineering Limited, dated 1984, into the drain report.
- Incorporate the existing tile between the west end of Bluepoint Drive and Collingwood Street, that services the lands with the Landowner ID numbers 76, 77 and 109 into the Bluepoint Drive Branch Drain.
- Incorporate the East outlet groyne (20.5m minimum length) and 400mm dia. steel casing, into the drain report.
- Incorporate the West outlet groyne (32m minimum length) and 400mm dia. steel casing, into the report.
- Provide an allowance under Section 31 of the Drainage Act for the works previously constructed on the groynes based on the value of the recent repairs.
- Repair any service laterals which have 50% or more obstruction.
- Provide future maintenance specifications for the drain.
- Prepare Schedules of Maintenance for the drain.

- The Town of Plympton-Wyoming is to complete a CCTV video of the outlet pipes on a bi-annual basis to review and document the condition of the CSP and steel casings.

#### Estimate of Cost

It is recommended that the work be carried out in accordance with the accompanying specification of work that form a part of this report. An Estimate of Cost has been prepared in the amount of \$199,982, which includes engineering fees, but does not include work beyond the preparation of the report.

A plan has been prepared, which shows the location of the work and the approximate drainage area.

#### Assessment

As per Section 21 of the Drainage Act, a Schedule of Assessment for the lands and roads affected by the Plan 28 and 486 Drain has been prepared.

Lands, roads, buildings, utilities, or other structures that are increased in value or are more easily maintained as a result of the construction, improvement, maintenance, or repair of a drainage works, may be assessed for benefit (Section 22).

Lands and roads that use the drainage works as an outlet, for which the drainage works are constructed or improved, an improved outlet is provided either directly or indirectly through the medium of any other drainage works or of a swale, ravine, creek, or watercourse, may be assessed for outlet. The assessment for outlet shall be based on the volume and the rate of flow of the water artificially caused to flow into the drainage works, from the lands and roads liable for such assessments. Outlet assessments are generally based on equivalent hectares (Eq. Ha) which are determined by the land use. Typical Ha to Eq. Ha ratios are listed below:

Agricultural Lands – 1 Ha = 1 Eq. Ha  
Residential Lands – 1 Ha = 1.5-2.0 Eq. Ha  
Gravel Roads – 1 Ha = 3 Eq. Ha  
Paved Roads – 1 Ha = 4 -6 Eq. Ha  
Subsurface Drainage – 1Ha = 0.5 Eq. Ha  
Surface Drainage – 1Ha = 0.5 Eq. Ha

If, from any land or road, water is artificially caused by any means to flow upon and injure any other land or road, the land or road from which the water is caused to flow, may be assessed for injuring liability with respect to a drainage works, to relieve the injury so caused to such other land or road (Section 23).

The Engineer may assess for special benefit, any lands for which special benefits have been provided by the drainage works (Section 24).



Assessments may be made against any Public Utility or Road Authority, as per Section 26 of the Drainage Act, for any increased cost for locating, construction, or for the removal or relocation of any of its facilities or plants that may be necessary for the construction or maintenance of the drainage works. Items to be assessed under Section 26 shall be tendered separately, and the Utility or Road Authority shall be assessed the actual construction costs, plus the associated overhead and engineering costs (20% of the construction costs).

The estimated cost of the drainage works has been assessed in the following manner:

- The cost to prepare the report complete with the Section 31 allowances has been assessed with 100% of the costs as an outlet assessment to upstream properties, based on equivalent hectares.
- The cost to maintain service laterals using trenchless technologies has been assessed with 50% of the cost to the benefiting landowner (s) and 50% of the cost to the Road Authority.

#### Allowances

Under Section 29 of the Drainage Act, the Engineer in his report shall estimate and allow in money to the Owner of any land that it is necessary to use for the construction or improvement of a drainage works, or for the disposal of material removed from drainage works. This shall be considered an allowance for right-of-way. Section 29 allowances will not be provided under this report, since the work is incorporating existing sewers and outlet pipes which are located on Town of Plympton-Wyoming lands.

Under Section 30 of the Drainage Act, the Engineer shall determine the amount to be paid to persons entitled for damage, if any, to ornamental trees, lawns, fences, land and crops occasioned by the disposal of material removed from a drainage works. This shall be considered an allowance for damages. Section 30 allowances will not be provided under this report, since the work is incorporating existing sewers and outlet pipes which are located on Town of Plympton-Wyoming lands.

Under Section 31 of the Drainage Act, where an existing drain that was not constructed on requisition or petition under this Act or any predecessor of this Act is incorporated in whole or in part in a drainage works, the engineer in the report, shall estimate and allow in money to the owner of such drain or part, the value to the drainage works of such drain or part, and shall include such sum in the estimate of the cost of the construction, improvement, repair or maintenance of the drainage works. Section 31 allowances are not provided for the storm sewers and steel casing outlet pipes under this report, since the work includes incorporating municipal storm sewers, which were constructed under a local improvement project, and incorporating the East and West steel outlet pipes which were installed as part



of municipal infrastructure outside of the Drainage Act. Section 31 allowances are provided for the East and West groynes with the value of the allowance based on the repair costs incurred in 2022 (\$ 77,700 plus applicable HST) and 2023 (\$71,250 plus applicable HST).

#### Access and Working Area

Access to the drain shall be gained from road allowances and municipally owned lands, when possible, and along the drain.

#### Maintenance

Upon completion of the work, the drainage works, including the portion of the private service connections which are located within the municipal road allowances, shall be repaired and maintained by the Town of Plympton-Wyoming, under the provisions of the Drainage Act, as per the applicable Schedule of Maintenance enclosed in this report, until said maintenance assessment is varied, in accordance with the provisions of the Drainage Act.

Maintenance costs are limited to the storm drain and private services, and does not include any road reconstruction items such as curb, granular materials, import fill, or pavement, which shall be assessed to the Road Authority, as a Section 26 assessment. Maintenance of private services may be with trenchless technologies, or by conventional construction methods. Conventional construction methods shall include service piping, fittings, and cleanouts. Future service maintenance costs shall be assessed with 50% of the cost to the benefiting landowner (s), and 50% of the cost to the Road Authority.

Yours truly,

  
May 21, 2024  
2023-09



Michael Gerrits, P. Eng.  
M. Gerrits Consulting Inc.

Plan 28 and 486 Drain  
Town of Plympton-Wyoming  
May 21, 2025

**ESTIMATE OF COST**

Allowances:	151,572
2022/2023 Investigation	4,760
Engineering Report	25,191
CCTV Sewer Inspection and Flushing	7,500
Service Lateral Repairs (6)	7,500
Sub Total	<u>196,523</u>
Net H.S.T.	<u>3,459</u>
Total Estimate	\$199,982

Plan 28 and 486 Drain  
Town of Plympton-Wyoming  
May 21, 2025

# **SCHEDULE OF ASSESSMENT**

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<b>Non - Agricultural Lands</b>									
FLH	Pt. Lot 38 & 39	0.04	383534003037702	1-1	Allan Developments Inc.	425	131	556	0.063
	Pt. Lot 38 & 39	0.03	383534003037702	1-2	Allan Developments Inc.	425	119	544	0.058
	Pt. Lot 38 & 39	0.03	383534003037702	1-3	Allan Developments Inc.	425	119	544	0.058
	Pt. Lot 38 & 39	0.03	383534003037702	1-4	Allan Developments Inc.	425	123	548	0.060
	Pt. Lot 38 & 39	0.04	383534003037702	1-5	Allan Developments Inc.	425	126	551	0.061
	Pt. Lot 38 & 39	0.04	383534003037702	1-6	Allan Developments Inc.	425	133	558	0.065
	Pt. Lot 38 & 39	0.13	383534003037702	1-7	Allan Developments Inc.	425	267	692	0.130
	Pt. Lot 38 & 39	0.04	383534003037702	1-8	Allan Developments Inc.	425	131	556	0.064
	Pt. Lot 38 & 39	6.94	383534003037702	1-9	Allan Developments Inc.	-	7,148	7,148	3.469
	Plan 28 Lot 1	0.12	383534003037801	2	M. Wright	425	450	875	0.218
	Plan 28 Lot 2	0.12	383534003037802	3	K. & L. Laird	140	450	590	0.218
	Plan 28 Lot 3	0.12	383534003037900	4	S. & T. Ruzik	425	450	875	0.218
	Plan 28 Lot 4	0.12	383534003037901	5	W. Hansen	425	453	878	0.220
	Plan 28 Lot 11	0.12	383534003038401	6	S. Shortt & M. Bateman & E. Loch	425	450	875	0.218
	Plan 28 Lot 12	0.12	383534003038402	7	A. Boucher & G. Banks	425	451	876	0.219
	Plan 28 Lot 13	0.11	383534003038404	8	M. & K. McCall	425	449	874	0.218
	Plan 28 Lot 14	0.13	383534003038500	9	W. & L. & J. Lickman	425	459	884	0.223
	Plan 486 Lot 110	0.14	383534003043803	10	W. Van Rooyen	425	463	888	0.225
	Plan 486 Lot 109	0.25	383534003043802	11	R. Coates & D. Humston	425	454	879	0.220
	Plan 486 Lot 108	0.25	383534003043801	12	B. & G. McIntyre	425	462	887	0.224
	Plan 486 Lot 107	0.23	383534003043800	13	E. Thompson	425	453	878	0.220
	Plan 486 Lot 106	0.21	383534003043708	14	J. Lyon	425	456	881	0.221
	Plan 486 Lot 105	0.20	383534003043707	15	S. Downie	425	448	873	0.217
	Plan 486 Lot 104	0.18	383534003043701	16	J. Dunham	425	462	887	0.224
	Plan 486 Lot 103	0.17	383534003043706	17	D. Barnes	425	465	890	0.226
	Plan 486 Lot 102	0.15	383534003043705	18	D. Barnes	425	467	892	0.226
	Plan 486 Lot 101	0.18	383534003043703	19	P. Medeiros	425	483	908	0.234
	Plan 486 Pt. Lot 39	0.18	383534003043702	20	L. Demarell & E. Connors	425	481	906	0.233
	Plan 28 Lot 5	0.08	383534003038000	22	M. Gosset	425	289	714	0.140
	Plan 444 Blk A & Blk B	4.02	383534003044101	110	Town of Plympton-Wyoming	1,700	4,142	5,842	2.010
	Plan 486 Pt. Lot 39	0.17	383534003043700	21	W. & L. Stewart	425	422	847	0.205
	Plan 28 Lot 6	0.08	383534003038001	23	R. & L. McKerlie	425	299	724	0.145
	Plan 28 Lot 7	0.08	383534003038100	24	P. & M. Hansen	425	273	698	0.132

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
FLH	Plan 28 Lot 8	0.07	383534003038200	25	D. Lang	425	267	692	0.130
	Plan 28 Lot 9	0.05	383534003038300	26	A. Moore & A. Fay	425	197	622	0.095
	Plan 28 Lot 10	0.02	383534003038400	27	B. Airey	425	69	494	0.034
	Plan 28 Lot 15 & 16	0.06	383534003038600	28	K. Rodrigues	425	205	630	0.099
	Plan 28 Lot 17	0.04	383534003038700	29	R. & T. Lamont	425	147	572	0.071
	Plan 28 Lot 18	0.04	383534003038800	30	V. Soepboer	425	140	565	0.068
	Plan 28 Lot 19	0.03	383534003038900	31	13246361 Canada Inc.	425	109	534	0.053
	Plan 28 Lot 20	0.03	383534003039000	32	P. Medeiros	425	105	530	0.051
	Plan 28 Lot 21	0.03	383534003039001	33	L. Medeiros	425	112	537	0.054
	Plan 28 Lot 22	0.03	383534003039100	34	L. Demarell & E. Connors	425	123	548	0.060
	Plan 28 Lot 23	0.04	383534003039200	35	T. McNally & L. Drummond	425	130	555	0.063
	Plan 28 Lot 24 & 25	0.08	383534003039300	36	Ingersoll Hydraulics Holdings Inc.	425	285	710	0.138
	Plan 28 Lot 26	0.04	383534003039400	37	N. Kareemi	425	154	579	0.075
	Plan 28 Lot 27	0.04	383534003039500	38	N. & A Kareemi	425	162	587	0.078
	Plan 28 Lot 28 & 29	0.10	383534003039601	39	E. & T. Bordatcheva	425	357	782	0.173
	Plan 28 Lot 30	0.05	383534003039602	40	G. & C. Waddington	425	178	603	0.086
	Plan 28 Lot 31	0.05	383534003039700	41	Don Jones Productions Inc.	140	185	325	0.090
	Plan 28 Lot 32	0.05	383534003039800	42	W. & J. Reynolds	140	181	321	0.088
	Plan 28 Lot 33	0.05	383534003039900	43	S. Burgin	140	182	322	0.088
	Plan 28 Lot 34	0.05	383534003040000	44	D. & P. Nijse	425	185	610	0.090
	Plan 28 Lot 35	0.05	383534003040100	45	W. & G. Pollett	140	185	325	0.090
	Plan 28 Lot 36	0.05	383534003040200	46	P. & M. Haywood	425	184	609	0.089
	Plan 486 Pt. Lot 39	0.16	383534003043606	47	A. & J. Smith	425	475	900	0.230
	Plan 486 Pt. Lot 39	0.16	383534003043605	48	L. & J. Cook	425	473	898	0.229
	Plan 486 Pt. Lot 38 & 39	0.16	383534003043604	49	L. & J. Cook & J. Kelders	1,061	475	1,536	0.230
	Plan 486 Pt. Lot 100	0.16	383534003043603	50	D. & D. Clark	425	473	898	0.229
	Plan 486 Pt. Lot 99	0.15	383534003043602	51	A. McLean & K. Enders	425	467	892	0.227
	Plan 486 Pt. Lot 98	0.17	383534003043601	52	M. & D. Gowdy	425	479	904	0.233
	Plan 486 Pt. Lot 97	0.14	383534003043600	53	F. Naclerio	425	462	887	0.224
	Plan 486 Pt. Lot 96	0.14	383534003043501	54	J. & L. Coleman	425	462	887	0.224
	Plan 486 Pt. Lot 95	0.19	383534003043500	55	A. & T. Phibbs	425	464	889	0.225
	Pt. Lot 39	0.34	383534003043300	56	T. & K. Knutt	425	565	990	0.274
	Plan 28 Lot 37	0.05	383534003040300	57	O. & M. Dodds	105	183	288	0.089
	Plan 28 Lot 38 & 39	0.10	383534003040400	58	K. & C. Jones	1,061	362	1,423	0.176
	Plan 28 Lot 40	0.05	383534003040600	59	J. Ladanchuk	425	180	605	0.088
	Plan 28 Lot 41	0.05	383534003040700	60	P. & J. Ladanchuk	425	180	605	0.088
	Plan 28 Lot 42	0.05	383534003040800	61	A. Weber & D. MacDonald	425	180	605	0.088
	Plan 28 Lot 43	0.05	383534003040900	62	J. Hong & K. Rapson	140	180	320	0.088

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
FLH	Plan 28 Lot 44 & 45	0.10	383534003040901	63	R. Mallais	743	362	1,105	0.176
	Plan 28 Lot 46	0.05	383534003040902	64	N. & C. Core	743	180	923	0.088
	Plan 28 Lot 47	0.05	383534003041000	65	B. Hanna	743	180	923	0.088
	Plan 28 Lot 48	0.04	383534003041200	66	A. Onkhotov & S. Frunchak	743	137	880	0.067
	Plan 28 Lot 49	0.03	383534003041201	67	R. Melville	140	116	256	0.057
	Plan 28 Lot 50	0.04	383534003041202	68	T. Lulaj	425	155	580	0.075
	Plan 28 Lot 51	0.05	383534003041300	69	C. Zawadzki	425	166	591	0.081
	Plan 28 Lot 52	0.05	383534003041301	70	E. Wilmot-Quigg	425	170	595	0.082
	Plan 28 Lot 53	0.05	383534003041400	71	K. Adams	425	173	598	0.084
	Plan 28 Lot 54	0.05	383534003041550	72	A. Diemer	425	173	598	0.084
	Plan 28 Lot 55	0.04	383534003041500	73	Y. Wu	425	155	580	0.075
	Plan 28 Lot 56	0.04	383534003041600	74	M. & M. Fay	425	159	584	0.077
	Plan 28 Lot 57	0.05	383534003041601	75	B. & V. Slater	425	162	587	0.079
	Plan 28 Lot 58	0.05	383534003041700	76	S. Mathers & A. Ridley	425	191	616	0.093
	Plan 28 Lot 59	0.05	383534003041701	77	C. & S. Perkins	425	166	591	0.080
	Plan 486 Pt. Lot 92	0.18	383534003043200	78	G. & M. Weaver	425	480	905	0.233
	Plan 486 Pt. Lot 91	0.17	383534003043100	79	T. Ross	743	478	1,221	0.232
	Plan 486 Pt. Lot 90	0.17	383534003043000	80	D. & J. Scott	743	475	1,218	0.231
	Plan 486 Pt. Lots 88 & 89	0.31	383534003042903	81	C. Clark & K. Hendrie	425	550	975	0.267
	Plan 486 Pt. Lot 87	0.15	383534003042902	82	B. & R. Simard	425	467	892	0.226
	Plan 486 Pt. Lot 86	0.14	383534003042901	83	R. & A. Van Bommel & J. & M. Facchina	425	464	889	0.225
	Plan 486 Pt. Lot 85	0.14	383534003042900	84	N. Jay	425	462	887	0.224
	Plan 486 Pt. Lot 84	0.14	383534003042800	85	T. Kershaw	425	462	887	0.224
	Plan 486 Pt. Lot 83	0.17	383534003042704	86	V. Coleman	425	476	901	0.231
	Plan 486 Pt. Lot 82	0.15	383534003042701	87	J. & D. Wilkins	425	468	893	0.227
	Plan 486 Pt. Lot 81	0.16	383534003042703	88	J. & J. Kerrigan	425	475	900	0.230
	Plan 486 Pt. Lot 80	0.16	383534003042702	89	J. Bolton	425	470	895	0.228
	Plan 486 Pt. Lot 79	0.14	383534003042700	90	G. Beech	425	464	889	0.225
	Plan 486 Pt. Lot 78	0.15	383534003042605	91	K. Jones	425	465	890	0.226
	Plan 486 Pt. Lot 77	0.14	383534003042604	92	C. & B. McCormack	425	463	888	0.224
	Plan 486 Pt. Lot 76	0.15	383534003042603	93	D. McGuin	425	468	893	0.227
	Plan 486 Pt. Lot 75	0.16	383534003042602	94	D. Busko	425	471	896	0.228
	Plan 486 Pt. Lot 74	0.16	383534003042601	95	D. Simpson & C. Gill	1,061	473	1,534	0.230
	Plan 486 Pt. Lot 73	0.17	383534003042600	96	M. Freer	425	476	901	0.231
	Plan 486 Pt. Lot 72	0.17	383534003042502	97	D. Feenstra & T. Wilkins	425	479	904	0.232
	Plan 486 Pt. Lot 71	0.18	383534003042501	98	T. & L. Wildschut	425	481	906	0.234
	Plan 28 Lots 60 & 61	0.23	383534003041800	99	D. Smith	425	508	933	0.247
	Plan 28 Lot 62	0.11	383534003041702	100	C. Hutt	425	449	874	0.218

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
FLH	Plan 28 Lot 63	0.11	383534003041801	101	J. Thorne	425	449	874	0.218
	Plan 28 Lot 64	0.11	383534003041900	102	N. & S. Thomas	425	449	874	0.218
	Plan 28 Lot 65	0.11	383534003042000	103	A. Warner & R. Floin	425	449	874	0.218
	Plan 28 Lot 66	0.11	383534003042100	104	P. & K. Campbell	425	449	874	0.218
	Plan 28 Lot 67	0.11	383534003042200	105	L. Richardson	425	449	874	0.218
	Plan 28 Lot 68	0.11	383534003042300	106	G. & M. Adamson	425	449	874	0.218
	Plan 28 Lot 69	0.11	383534003042400	107	I. Strasbourg & M. McGregor	425	449	874	0.218
	Plan 28 Lot 70	0.10	383534003042401	108	B. & D. Victorion	425	443	868	0.215
	Plan 25M19 Lot 28	0.14	383534003038229	109	J. Hastings	425	461	886	0.224
						52,501	49,946	102,447	24
Total - Non-Agricultural Lands						102,447			
<u>Roads</u>									
	Harris Point Road	0.67			Town of Plympton-Wyoming	7,313	5,566	12,879	2.700
	BluePoint Drive	2.53			Town of Plympton-Wyoming	27,636	20,858	48,494	10.120
	BluePoint Drive (East Outlet)	0.02			Town of Plympton-Wyoming	855	62	917	0.030
	Thomas Street	0.38			Town of Plympton-Wyoming	13,587	3,149	16,736	1.528
	Thomas Street (West Outlet)	0.14			Town of Plympton-Wyoming	900	571	1,471	0.277
	Thomas Street (Park Land)	0.89			Town of Plympton-Wyoming	1,155	3,658	4,813	1.775
	Collingwood Street	0.63			Town of Plympton-Wyoming	7,015	5,210	12,225	2.528
						58,461	39,074	97,535	
Total - Roads						97,535			
Total Assessment Plan 28 and 286 Drain						\$ 199,982			

Plan 28 and 486 Drain  
 Town of Plympton-Wyoming  
 May 21, 2025

### SCHEDULE OF MAINTENANCE - SECTION 1

*(Bluepoint Drive East of East Outlet to Lake Huron and Harris Point Drive)*

For maintaining the drain between MH1 and MH 7, and all associated catch basin and ditch inlets. All private drain connections (PDC) within road allowances shall be maintained as per the maintenance provisions set out in the drain report. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>East Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Pt. Lot 38 & 39	0.04	383534003037702	1-1	Allan Developments Inc.	165	15	180	0.06
	Pt. Lot 38 & 39	0.03	383534003037702	1-2	Allan Developments Inc.	165	15	180	0.06
	Pt. Lot 38 & 39	0.03	383534003037702	1-3	Allan Developments Inc.	165	15	180	0.06
	Pt. Lot 38 & 39	0.03	383534003037702	1-4	Allan Developments Inc.	165	15	180	0.06
	Pt. Lot 38 & 39	0.04	383534003037702	1-5	Allan Developments Inc.	165	15	180	0.06
	Pt. Lot 38 & 39	0.04	383534003037702	1-6	Allan Developments Inc.	165	15	180	0.06
	Pt. Lot 38 & 39	0.13	383534003037702	1-7	Allan Developments Inc.	165	35	200	0.13
	Pt. Lot 38 & 39	0.04	383534003037702	1-8	Allan Developments Inc.	165	15	180	0.06
	Pt. Lot 38 & 39	3.78	383534003037702	1-9	Allan Developments Inc.	165	495	660	1.89
	Plan 28 Lot 1	0.12	383534003037801	2	M. Wright	165	60	225	0.22
	Plan 28 Lot 2	0.12	383534003037802	3	K. & L. Laird	55	60	115	0.22
	Plan 28 Lot 3	0.12	383534003037900	4	S. & T. Ruzik	165	60	225	0.22
	Plan 28 Lot 4	0.12	383534003037901	5	W. Hansen	165	60	225	0.22
	Plan 28 Lot 11	0.12	383534003038401	6	S. Shortt & M. Bateman & E. Loch	165	60	225	0.22
	Plan 28 Lot 12	0.12	383534003038402	7	A. Boucher & G. Banks	165	60	225	0.22
	Plan 28 Lot 13	0.11	383534003038404	8	M. & K. McCall	165	60	225	0.22
	Plan 28 Lot 14	0.13	383534003038500	9	W. & L. & J. Lickman	165	60	225	0.22
	Plan 486 Lot 110	0.14	383534003043803	10	W. Van Rooyen	165	60	225	0.22
	Plan 486 Lot 109	0.25	383534003043802	11	R. Coates & D. Humston	165	60	225	0.22
	Plan 486 Lot 108	0.25	383534003043801	12	B. & G. McIntyre	165	60	225	0.22
	Plan 486 Lot 107	0.23	383534003043800	13	E. Thompson	165	60	225	0.22
	Plan 28 Lot 5	0.08	383534003038000	22	M. Gosset	165	35	200	0.14
	Plan 444 Blk A & Blk B	4.02	383534003044101	110	Town of Plympton-Wyoming	660	525	1,185	2.01



Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
FLH	Plan 28 Lot 6	0.08	383534003038001	23	R. & L. McKerlie	165	40	205	0.15
	Plan 28 Lot 7	0.08	383534003038100	24	P. & M. Hansen	165	35	200	0.13
	Plan 28 Lot 8	0.07	383534003038200	25	D. Lang	165	35	200	0.13
	Plan 28 Lot 9	0.05	383534003038300	26	A. Moore & A. Fay	165	25	190	0.10
	Plan 28 Lot 10	0.02	383534003038400	27	B. Airey	165	10	175	0.03
<u>Roads</u>									
	Harris Point Road	0.67			Town of Plympton-Wyoming	3,655	695	4,350	2.7
	BluePoint Drive	0.59			Town of Plympton-Wyoming	1,390	595	1,985	2.36
						10,050	3,350	13,400	

Total Maintenance Assessment - Section 1 13,400

Plan 28 and 486 Drain  
Town of Plympton-Wyoming  
May 21, 2025

### SCHEDULE OF MAINTENANCE - SECTION 2

*(Bluepoint Drive West of East Outlet to Lake Huron)*

For maintaining the drain between MH10 and MH 7, and all associated catch basin and ditch inlets. All private drain connections (PDC) within road allowances shall be maintained as per the maintenance provisions set out in the drain report. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>East Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Plan 486 Lot 106	0.21	383534003043708	14	J. Lyon	165	75	240	0.22
	Plan 486 Lot 105	0.20	383534003043707	15	S. Downie	165	75	240	0.22
	Plan 486 Lot 104	0.18	383534003043701	16	J. Dunham	165	75	240	0.22
	Plan 486 Lot 103	0.17	383534003043706	17	D. Barnes	165	80	245	0.23
	Plan 486 Lot 102	0.15	383534003043705	18	D. Barnes	165	80	245	0.23
	Plan 486 Lot 101	0.18	383534003043703	19	P. Medeiros	165	80	245	0.23
	Plan 486 Pt. Lot 39	0.18	383534003043702	20	L. Demarell & E. Connors	165	80	245	0.23
	Plan 486 Pt. Lot 39	0.17	383534003043700	21	W. & L Stewart	165	70	235	0.20
	Plan 28 Lot 15 & 16	0.06	383534003038600	28	K. Rodrigues	165	35	200	0.10
	Plan 28 Lot 17	0.04	383534003038700	29	R. & T. Lamont	165	25	190	0.07
	Plan 28 Lot 18	0.04	383534003038800	30	V. Soepboer	165	25	190	0.07
	Plan 28 Lot 19	0.03	383534003038900	31	13246361 Canada Inc.	165	15	180	0.05
	Plan 28 Lot 20	0.03	383534003039000	32	P. Medeiros	165	15	180	0.05
	Plan 28 Lot 21	0.03	383534003039001	33	L. Medeiros	165	20	185	0.05
	Plan 28 Lot 22	0.03	383534003039100	34	L. Demarell & E. Connors	165	20	185	0.06
	Plan 28 Lot 23	0.04	383534003039200	35	T. McNally & L. Drummond	165	20	185	0.06
<u>Roads</u>									
BluePoint Drive		0.34	Town of Plympton-Wyoming			1,110	460	1,570	1.36
						3,750	1,250	5,000	
Total Maintenance Assessment - Section 2						5,000			

Plan 28 and 486 Drain  
Town of Plympton-Wyoming  
May 21, 2025

**SCHEDULE OF MAINTENANCE - SECTION 3 (EAST OUTLET TO LAKE HURON)**  
*(East Outlet to Lake Huron)*

For maintaining the drain (pipe and groyne) from MH 7 to the outlet to Lake Huron. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>East Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Pt. Lot 38 & 39	0.04	383534003037702	1-1	Allan Developments Inc.	-	20	20	0.06
	Pt. Lot 38 & 39	0.03	383534003037702	1-2	Allan Developments Inc.	-	20	20	0.06
	Pt. Lot 38 & 39	0.03	383534003037702	1-3	Allan Developments Inc.	-	20	20	0.06
	Pt. Lot 38 & 39	0.03	383534003037702	1-4	Allan Developments Inc.	-	20	20	0.06
	Pt. Lot 38 & 39	0.04	383534003037702	1-5	Allan Developments Inc.	-	20	20	0.06
	Pt. Lot 38 & 39	0.04	383534003037702	1-6	Allan Developments Inc.	-	20	20	0.06
	Pt. Lot 38 & 39	0.13	383534003037702	1-7	Allan Developments Inc.	-	45	45	0.13
	Pt. Lot 38 & 39	0.04	383534003037702	1-8	Allan Developments Inc.	-	20	20	0.06
	Pt. Lot 38 & 39	3.78	383534003037702	1-9	Allan Developments Inc.	-	645	645	1.89
	Plan 28 Lot 1	0.12	383534003037801	2	M. Wright	-	75	75	0.22
	Plan 28 Lot 2	0.12	383534003037802	3	K. & L. Laird	-	75	75	0.22
	Plan 28 Lot 3	0.12	383534003037900	4	S. & T. Ruzik	-	75	75	0.22
	Plan 28 Lot 4	0.12	383534003037901	5	W. Hansen	-	75	75	0.22
	Plan 28 Lot 11	0.12	383534003038401	6	S. Shortt & M. Bateman & E. Loch	-	75	75	0.22
	Plan 28 Lot 12	0.12	383534003038402	7	A. Boucher & G. Banks	-	75	75	0.22
	Plan 28 Lot 13	0.11	383534003038404	8	M. & K. McCall	-	75	75	0.22
	Plan 28 Lot 14	0.13	383534003038500	9	W. & L. & J. Lickman	-	75	75	0.22
	Plan 486 Lot 110	0.14	383534003043803	10	W. Van Rooyen	-	75	75	0.22
	Plan 486 Lot 109	0.25	383534003043802	11	R. Coates & D. Humston	-	75	75	0.22
	Plan 486 Lot 108	0.25	383534003043801	12	B. & G. McIntyre	-	75	75	0.22
	Plan 486 Lot 107	0.23	383534003043800	13	E. Thompson	-	75	75	0.22
	Plan 486 Lot 106	0.21	383534003043708	14	J. Lyon	-	75	75	0.22

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
FLH	Plan 486 Lot 105	0.20	383534003043707	15	S. Downie	-	75	75	0.22
	Plan 486 Lot 104	0.18	383534003043701	16	J. Dunham	-	75	75	0.22
	Plan 486 Lot 103	0.17	383534003043706	17	D. Barnes	-	75	75	0.23
	Plan 486 Lot 102	0.15	383534003043705	18	D. Barnes	-	75	75	0.23
	Plan 486 Lot 101	0.18	383534003043703	19	P. Medeiros	-	75	75	0.23
	Plan 486 Pt. Lot 39	0.18	383534003043702	20	L. Demarell & E. Connors	-	75	75	0.23
	Plan 486 Pt. Lot 39	0.17	383534003043700	21	W. & L. Stewart	-	70	70	0.20
	Plan 28 Lot 5	0.08	383534003038000	22	M. Gosset	-	50	50	0.14
	Plan 444 Blk A & Blk B	4.02	383534003044101	110	Town of Plympton-Wyoming	-	685	685	2.01
	Plan 28 Lot 6	0.08	383534003038001	23	R. & L. McKerlie	-	50	50	0.15
	Plan 28 Lot 7	0.08	383534003038100	24	P. & M. Hansen	-	45	45	0.13
	Plan 28 Lot 8	0.07	383534003038200	25	D. Lang	-	45	45	0.13
	Plan 28 Lot 9	0.05	383534003038300	26	A. Moore & A. Fay	-	35	35	0.10
	Plan 28 Lot 10	0.02	383534003038400	27	B. Airey	-	10	10	0.03
	Plan 28 Lot 15 & 16	0.06	383534003038600	28	K. Rodrigues	-	35	35	0.10
	Plan 28 Lot 17	0.04	383534003038700	29	R. & T. Lamont	-	25	25	0.07
	Plan 28 Lot 18	0.04	383534003038800	30	V. Soepboer	-	25	25	0.07
	Plan 28 Lot 19	0.03	383534003038900	31	13246361 Canada Inc.	-	20	20	0.05
	Plan 28 Lot 20	0.03	383534003039000	32	P. Medeiros	-	20	20	0.05
	Plan 28 Lot 21	0.03	383534003039001	33	L. Medeiros	-	20	20	0.05
	Plan 28 Lot 22	0.03	383534003039100	34	L. Demarell & E. Connors	-	20	20	0.06
	Plan 28 Lot 23	0.04	383534003039200	35	T. McNally & L. Drummond	-	20	20	0.06
<u>Roads</u>									
	Harris Point Road	0.67			Town of Plympton-Wyoming	-	920	920	2.70
	BluePoint Drive	0.93			Town of Plympton-Wyoming	-	1,265	1,265	3.72
	BluePoint Drive (East Outlet)	0.02			Town of Plympton-Wyoming	1,875	10	1,885	0.03
						1,875	5,625	7,500	

Total Maintenance Assessment - Section 3 \$ 7,500

Plan 28 and 486 Drain  
Town of Plympton-Wyoming  
May 21, 2025

**SCHEDULE OF MAINTENANCE - SECTION 4**  
*(Bluepoint Drive East of West Outlet to Lake Huron)*

For maintaining the drain between MH11 and MH 15, and all associated catch basin and ditch inlets. All private drain connections (PDC) within road allowances shall be maintained as per the maintenance provisions set out in the drain report. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>West Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Plan 28 Lot 24 & 25	0.08	383534003039300	36	Ingersoll Hydraulics Holdings Inc.	165	25	190	0.14
	Plan 28 Lot 26	0.04	383534003039400	37	N. Kareemi	165	10	175	0.07
	Plan 28 Lot 27	0.04	383534003039500	38	N. & A Kareemi	165	15	180	0.08
	Plan 28 Lot 28 & 29	0.10	383534003039601	39	E. & T. Bordatcheva	165	30	195	0.17
	Plan 28 Lot 30	0.05	383534003039602	40	G. & C. Waddington	165	15	180	0.09
	Plan 28 Lot 31	0.05	383534003039700	41	Don Jones Productions Inc.	55	15	70	0.09
	Plan 28 Lot 32	0.05	383534003039800	42	W. & J. Reynolds	55	15	70	0.09
	Plan 28 Lot 33	0.05	383534003039900	43	S. Burgin	55	15	70	0.09
	Plan 28 Lot 34	0.05	383534003040000	44	D. & P. Nijse	165	15	180	0.09
	Plan 28 Lot 35	0.05	383534003040100	45	W. & G. Pollett	55	15	70	0.09
	Plan 28 Lot 36	0.05	383534003040200	46	P. & M. Haywood	165	15	180	0.09
	Plan 486 Pt. Lot 39	0.16	383534003043606	47	A. & J. Smith	165	45	210	0.23
	Plan 486 Pt. Lot 39	0.16	383534003043605	48	L. & J. Cook	165	45	210	0.23
	Plan 486 Pt. Lot 38 & 39	0.16	383534003043604	49	L. & J. Cook & J. Kelders	165	45	210	0.23
	Plan 486 Pt. Lot 100	0.16	383534003043603	50	D. & D. Clark	165	45	210	0.23
	Plan 486 Pt. Lot 99	0.15	383534003043602	51	A. McLean & K. Enders	165	45	210	0.23
	Plan 486 Pt. Lot 98	0.17	383534003043601	52	M. & D. Gowdy	165	45	210	0.23
	Plan 486 Pt. Lot 97	0.14	383534003043600	53	F. Naclerio	165	40	205	0.22
	Plan 486 Pt. Lot 96	0.14	383534003043501	54	J. & L. Coleman	165	40	205	0.22
	Plan 486 Pt. Lot 95	0.19	383534003043500	55	A. & T. Phibbs	165	40	205	0.23
	Pt. Lot 38 & 39	3.15	383534003037702	1-9	Allan Developments Inc.		290	290	1.58
<u>Roads</u>									
	BluePoint Drive	0.64			Town of Plympton-Wyoming	1,695	475	2,170	2.56
	Thomas Street	0.38			Town of Plympton-Wyoming	320	285	605	1.52
						4,875	1,625	6,500	
Total Maintenance Assessment - Section 4						6,500			

Plan 28 and 486 Drain  
Town of Plympton-Wyoming  
May 21, 2025

### SCHEDULE OF MAINTENANCE - SECTION 5

*(Thomas Street)*

For maintaining the drain between MH26 and MH 14, and all associated catch basin and ditch inlets. All private drain connections (PDC) within road allowances shall be maintained as per the maintenance provisions set out in the drain report. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>West Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Pt. Lot 39	0.34	383534003043300	56	T. & K. Knutt	165	20	185	0.27
	Pt. Lot 38 & 39	3.2	383534003037702	1-9	Allan Developments Inc.		115	115	1.58
<u>Roads</u>									
Thomas Street		0.38			Town of Plympton-Wyoming	2,215	660	2,875	1.53
						2,380	795	3,175	
Total Maintenance Assessment - Section 5						3,175			

Plan 28 and 486 Drain  
 Town of Plympton-Wyoming  
 May 21, 2025

### SCHEDULE OF MAINTENANCE - SECTION 6

*(Bluepoint Drive West of West Outlet to Lake Huron & Collingwood Street)*

For maintaining the drain between MH25 to MH15 and all associated catch basin and ditch inlets. All private drain connections (PDC) within road allowances shall be maintained as per the maintenance provisions set out in the drain report. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>West Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Plan 28 Lot 37	0.05	383534003040300	57	O. & M. Dodds	40	25	65	0.09
	Plan 28 Lot 38 & 39	0.10	383534003040400	58	K. & C. Jones	165	50	215	0.18
	Plan 28 Lot 40	0.05	383534003040600	59	J. Ladanchuk	165	25	190	0.09
	Plan 28 Lot 41	0.05	383534003040700	60	P. & J. Ladanchuk	165	25	190	0.09
	Plan 28 Lot 42	0.05	383534003040800	61	A. Weber & D. MacDonald	165	25	190	0.09
	Plan 28 Lot 43	0.05	383534003040900	62	J. Hong & K. Rapson	55	25	80	0.09
	Plan 28 Lot 44 & 45	0.10	383534003040901	63	R. Mallais	165	50	215	0.18
	Plan 28 Lot 46	0.05	383534003040902	64	N. & C. Core	165	25	190	0.09
	Plan 28 Lot 47	0.05	383534003041000	65	B. Hanna	165	25	190	0.09
	Plan 28 Lot 48	0.04	383534003041200	66	A. Onkhotoev & S. Frunchak	165	20	185	0.07
	Plan 28 Lot 49	0.03	383534003041201	67	R. Melville	55	15	70	0.06
	Plan 28 Lot 50	0.04	383534003041202	68	T. Lulaj	165	25	190	0.08
	Plan 28 Lot 51	0.05	383534003041300	69	C. Zawadzki	165	25	190	0.08
	Plan 28 Lot 52	0.05	383534003041301	70	E. Wilmot-Quigg	165	25	190	0.08
	Plan 28 Lot 53	0.05	383534003041400	71	K. Adams	165	25	190	0.08
	Plan 28 Lot 54	0.05	383534003041550	72	A. Diemer	165	25	190	0.08
	Plan 28 Lot 55	0.04	383534003041500	73	Y. Wu	165	25	190	0.08
	Plan 28 Lot 56	0.04	383534003041600	74	M. & M. Fay	165	25	190	0.08
	Plan 28 Lot 57	0.05	383534003041601	75	B. & V. Slater	165	25	190	0.08
	Plan 28 Lot 58	0.05	383534003041700	76	S. Mathers & A. Ridley	165	25	190	0.09
	Plan 28 Lot 59	0.05	383534003041701	77	C. & S. Perkins		25	25	0.08
	Plan 486 Pt. Lot 92	0.18	383534003043200	78	G. & M. Weaver	165	70	235	0.23
	Plan 486 Pt. Lot 91	0.17	383534003043100	79	T. Ross	165	70	235	0.23
	Plan 486 Pt. Lot 90	0.17	383534003043000	80	D. & J. Scott	165	70	235	0.23
	Plan 486 Pt. Lots 88 & 89	0.31	383534003042903	81	C. Clark & K. Hendrie	165	80	245	0.27



Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
FLH	Plan 486 Pt. Lot 87	0.15	383534003042902	82	B. & R. Simard	165	70	235	0.23
	Plan 486 Pt. Lot 86	0.14	383534003042901	83	R. & A. Van Bommel & J. & M Facchina	165	70	235	0.23
	Plan 486 Pt. Lot 85	0.14	383534003042900	84	N. Jay	165	65	230	0.22
	Plan 486 Pt. Lot 84	0.14	383534003042800	85	T. Kershaw	165	65	230	0.22
	Plan 486 Pt. Lot 83	0.17	383534003042704	86	V. Coleman	165	70	235	0.23
	Plan 486 Pt. Lot 82	0.15	383534003042701	87	J. & D. Wilkins	165	70	235	0.23
	Plan 486 Pt. Lot 81	0.16	383534003042703	88	J. & J. Kerrigan	165	70	235	0.23
	Plan 486 Pt. Lot 80	0.16	383534003042702	89	J. Bolton	165	70	235	0.23
	Plan 486 Pt. Lot 79	0.14	383534003042700	90	G. Beech	165	70	235	0.23
	Plan 486 Pt. Lot 78	0.15	383534003042605	91	K. Jones	165	70	235	0.23
	Plan 486 Pt. Lot 77	0.14	383534003042604	92	C. & B. McCormack	165	65	230	0.22
	Plan 486 Pt. Lot 76	0.15	383534003042603	93	D. McGuin	165	70	235	0.23
	Plan 486 Pt. Lot 75	0.16	383534003042602	94	D. Busko	165	70	235	0.23
	Plan 486 Pt. Lot 74	0.16	383534003042601	95	D. Simpson & C. Gill	165	70	235	0.23
	Plan 486 Pt. Lot 73	0.17	383534003042600	96	M. Freer	165	70	235	0.23
	Plan 486 Pt. Lot 72	0.17	383534003042502	97	D. Feenstra & T. Wilkins	165	70	235	0.23
	Plan 486 Pt. Lot 71	0.18	383534003042501	98	T. & L. Wildschut	165	70	235	0.23
	Plan 28 Lots 60 & 61	0.23	383534003041800	99	D. Smith	165	75	240	0.25
	Plan 28 Lot 62	0.11	383534003041702	100	C. Hutt	165	65	230	0.22
	Plan 28 Lot 63	0.11	383534003041801	101	J. Thorne	165	65	230	0.22
	Plan 28 Lot 64	0.11	383534003041900	102	N. & S. Thomas	165	65	230	0.22
	Plan 28 Lot 65	0.11	383534003042000	103	A. Warner & R. Floin	165	65	230	0.22
	Plan 28 Lot 66	0.11	383534003042100	104	P. & K. Campbell	165	65	230	0.22
	Plan 28 Lot 67	0.11	383534003042200	105	L. Richardson	165	65	230	0.22
	Plan 28 Lot 68	0.11	383534003042300	106	G. & M. Adamson	165	65	230	0.22
	Plan 28 Lot 69	0.11	383534003042400	107	I. Strasbourg & M. McGregor	165	65	230	0.22
	Plan 28 Lot 70	0.10	383534003042401	108	B. & D. Victorion	165	60	225	0.21
	Plan 25M19 Lot 28	0.14	383534003038229	109	J. Hastings		65	65	0.22
<u>Roads</u>									
	BluePoint Drive	0.94			Town of Plympton-Wyoming	2,760	1,110	3,870	3.76
	Collingwood Street	0.63			Town of Plympton-Wyoming	2,895	720	3,615	2.53
						13,725	4,575	18,300	
Total Maintenance Assessment - Section 6						18,300			

Plan 28 and 486 Drain  
Town of Plympton-Wyoming  
May 21, 2025

**SCHEDULE OF MAINTENANCE - SECTION 7 (WEST OUTLET TO LAKE HURON)**  
*(West Outlet to Lake Huron)*

For maintaining the drain (pipe and groyne) from MH 15 to the outlet to Lake Huron. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>West Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Plan 28 Lot 24 & 25	0.08	383534003039300	36	Ingersoll Hydraulics Holdings Inc.	-	30	30	0.14
	Plan 28 Lot 26	0.04	383534003039400	37	N. Kareemi	-	15	15	0.07
	Plan 28 Lot 27	0.04	383534003039500	38	N. & A Kareemi	-	15	15	0.08
	Plan 28 Lot 28 & 29	0.10	383534003039601	39	E. & T. Bordatcheva	-	35	35	0.17
	Plan 28 Lot 30	0.05	383534003039602	40	G. & C. Waddington	-	20	20	0.09
	Plan 28 Lot 31	0.05	383534003039700	41	Don Jones Productions Inc.	-	20	20	0.09
	Plan 28 Lot 32	0.05	383534003039800	42	W. & J. Reynolds	-	20	20	0.09
	Plan 28 Lot 33	0.05	383534003039900	43	S. Burgin	-	20	20	0.09
	Plan 28 Lot 34	0.05	383534003040000	44	D. & P. Nijse	-	20	20	0.09
	Plan 28 Lot 35	0.05	383534003040100	45	W. & G. Pollett	-	20	20	0.09
	Plan 28 Lot 36	0.05	383534003040200	46	P. & M. Haywood	-	20	20	0.09
	Plan 486 Pt. Lot 39	0.16	383534003043606	47	A. & J. Smith	-	50	50	0.23
	Plan 486 Pt. Lot 39	0.16	383534003043605	48	L. & J. Cook	-	50	50	0.23
	Plan 486 Pt. Lot 38 & 39	0.16	383534003043604	49	L. & J. Cook & J. Kelders	-	50	50	0.23
	Plan 486 Pt. Lot 100	0.16	383534003043603	50	D. & D. Clark	-	50	50	0.23
	Plan 486 Pt. Lot 99	0.15	383534003043602	51	A. McLean & K. Enders	-	50	50	0.23
	Plan 486 Pt. Lot 98	0.17	383534003043601	52	M. & D. Gowdy	-	50	50	0.23
	Plan 486 Pt. Lot 97	0.14	383534003043600	53	F. Naclerio	-	45	45	0.22
	Plan 486 Pt. Lot 96	0.14	383534003043501	54	J. & L. Coleman	-	45	45	0.22
	Plan 486 Pt. Lot 95	0.19	383534003043500	55	A. & T. Phibbs	-	50	50	0.23
	Pt. Lot 39	0.34	383534003043300	56	T. & K. Knutt	-	55	55	0.27
	Pt. Lot 38 & 39	3.15	383534003037702	1-9	Allan Developments Inc.	-	330	330	1.58
	Plan 28 Lot 37	0.05	383534003040300	57	O. & M. Dodds	-	20	20	0.09
	Plan 28 Lot 38 & 39	0.10	383534003040400	58	K. & C. Jones	-	40	40	0.18

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
FLH	Plan 28 Lot 40	0.05	383534003040600	59	J. Ladanchuk	-	20	20	0.09
	Plan 28 Lot 41	0.05	383534003040700	60	P. & J. Ladanchuk	-	20	20	0.09
	Plan 28 Lot 42	0.05	383534003040800	61	A. Weber & D. MacDonald	-	20	20	0.09
	Plan 28 Lot 43	0.05	383534003040900	62	J. Hong & K. Rapson	-	20	20	0.09
	Plan 28 Lot 44 & 45	0.10	383534003040901	63	R. Mallais	-	40	40	0.18
	Plan 28 Lot 46	0.05	383534003040902	64	N. & C. Core	-	20	20	0.09
	Plan 28 Lot 47	0.05	383534003041000	65	B. Hanna	-	20	20	0.09
	Plan 28 Lot 48	0.04	383534003041200	66	A. Onkhotov & S. Frunchak	-	15	15	0.07
	Plan 28 Lot 49	0.03	383534003041201	67	R. Melville	-	10	10	0.06
	Plan 28 Lot 50	0.04	383534003041202	68	T. Lulaj	-	15	15	0.08
	Plan 28 Lot 51	0.05	383534003041300	69	C. Zawadzki	-	15	15	0.08
	Plan 28 Lot 52	0.05	383534003041301	70	E. Wilmot-Quigg	-	15	15	0.08
	Plan 28 Lot 53	0.05	383534003041400	71	K. Adams	-	15	15	0.08
	Plan 28 Lot 54	0.05	383534003041550	72	A. Diemer	-	15	15	0.08
	Plan 28 Lot 55	0.04	383534003041500	73	Y. Wu	-	15	15	0.08
	Plan 28 Lot 56	0.04	383534003041600	74	M. & M. Fay	-	15	15	0.08
	Plan 28 Lot 57	0.05	383534003041601	75	B. & V. Slater	-	15	15	0.08
	Plan 28 Lot 58	0.05	383534003041700	76	S. Mathers & A. Ridley	-	20	20	0.09
	Plan 28 Lot 59	0.05	383534003041701	77	C. & S. Perkins	-	15	15	0.08
	Plan 486 Pt. Lot 92	0.18	383534003043200	78	G. & M. Weaver	-	50	50	0.23
	Plan 486 Pt. Lot 91	0.17	383534003043100	79	T. Ross	-	50	50	0.23
	Plan 486 Pt. Lot 90	0.17	383534003043000	80	D. & J. Scott	-	50	50	0.23
	Plan 486 Pt. Lots 88 & 89	0.31	383534003042903	81	C. Clark & K. Hendrie	-	55	55	0.27
	Plan 486 Pt. Lot 87	0.15	383534003042902	82	B. & R. Simard	-	50	50	0.23
	Plan 486 Pt. Lot 86	0.14	383534003042901	83	R. & A. Van Bommel & J. & M. Facchina	-	50	50	0.23
	Plan 486 Pt. Lot 85	0.14	383534003042900	84	N. Jay	-	45	45	0.22
	Plan 486 Pt. Lot 84	0.14	383534003042800	85	T. Kershaw	-	45	45	0.22
	Plan 486 Pt. Lot 83	0.17	383534003042704	86	V. Coleman	-	50	50	0.23
	Plan 486 Pt. Lot 82	0.15	383534003042701	87	J. & D. Wilkins	-	50	50	0.23
	Plan 486 Pt. Lot 81	0.16	383534003042703	88	J. & J. Kerrigan	-	50	50	0.23
	Plan 486 Pt. Lot 80	0.16	383534003042702	89	J. Bolton	-	50	50	0.23
	Plan 486 Pt. Lot 79	0.14	383534003042700	90	G. Beech	-	50	50	0.23
	Plan 486 Pt. Lot 78	0.15	383534003042605	91	K. Jones	-	50	50	0.23
	Plan 486 Pt. Lot 77	0.14	383534003042604	92	C. & B. McCormack	-	45	45	0.22

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
FLH	Plan 486 Pt. Lot 76	0.15	383534003042603	93	D. McGuin	-	50	50	0.23
	Plan 486 Pt. Lot 75	0.16	383534003042602	94	D. Busko	-	50	50	0.23
	Plan 486 Pt. Lot 74	0.16	383534003042601	95	D. Simpson & C. Gill	-	50	50	0.23
	Plan 486 Pt. Lot 73	0.17	383534003042600	96	M. Freer	-	50	50	0.23
	Plan 486 Pt. Lot 72	0.17	383534003042502	97	D. Feenstra & T. Wilkins	-	50	50	0.23
	Plan 486 Pt. Lot 71	0.18	383534003042501	98	T. & L. Wildschut	-	50	50	0.23
	Plan 28 Lots 60 & 61	0.23	383534003041800	99	D. Smith	-	50	50	0.25
	Plan 28 Lot 62	0.11	383534003041702	100	C. Hutt	-	45	45	0.22
	Plan 28 Lot 63	0.11	383534003041801	101	J. Thorne	-	45	45	0.22
	Plan 28 Lot 64	0.11	383534003041900	102	N. & S. Thomas	-	45	45	0.22
	Plan 28 Lot 65	0.11	383534003042000	103	A. Warner & R. Floin	-	45	45	0.22
	Plan 28 Lot 66	0.11	383534003042100	104	P. & K. Campbell	-	45	45	0.22
	Plan 28 Lot 67	0.11	383534003042200	105	L. Richardson	-	45	45	0.22
	Plan 28 Lot 68	0.11	383534003042300	106	G. & M. Adamson	-	45	45	0.22
	Plan 28 Lot 69	0.11	383534003042400	107	I. Strasbourg & M. McGregor	-	45	45	0.22
	Plan 28 Lot 70	0.10	383534003042401	108	B. & D. Victorion	-	45	45	0.21
	Plan 25M19 Lot 28	0.14	383534003038229	109	J. Hastings	-	45	45	0.22
<u>Roads</u>									
	BluePoint Drive	1.58			Town of Plympton-Wyoming	-	1,330	1,330	6.32
	Thomas Street	0.38			Town of Plympton-Wyoming	-	325	325	1.53
	Thomas Street (West Outlet)	0.14			Town of Plympton-Wyoming	1,875	60	1,935	0.28
	Thomas Street (Park Land)	0.89			Town of Plympton-Wyoming	-	375	375	1.78
	Collingwood Street	0.63			Town of Plympton-Wyoming	-	535	535	2.53
						1,875	5,625	7,500	
Total Maintenance Assessment - Section 7						7,500			

Plan 28 and 486 Drain  
 Town of Plympton-Wyoming  
 May 21, 2025

**SCHEDULE OF MAINTENANCE - SECTION 8 (BLUEPOINT DRIVE BRANCH DRAIN)**

For maintaining the Bluepoint Drive Branch Drain between S2 and MH 21. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>West Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Plan 28 Lot 59	0.05	383534003041701	77	C. & S. Perkins	165	45	210	0.08
	Plan 25M19 Lot 28	0.14	383534003038229	109	J. Hastings	165	120	285	0.22
<u>Roads</u>									
BluePoint Drive		0.45			Town of Plympton-Wyoming	889	241	1130.25	0.4
(Unimprove Lands to Lake Huron)									
						1,219	406	1,625	
Total Maintenance Assessment - Section 8						1,625			

Plan 28 and 486 Drain  
Town of Plympton-Wyoming  
May 21, 2025

### SCHEDULE OF MAINTENANCE - SECTION 5

*(Thomas Street)*

For maintaining the drain between MH26 and MH 14, and all associated catch basin and ditch inlets. All private drain connections (PDC) within road allowances shall be maintained as per the maintenance provisions set out in the drain report. Road base and road restartion costs do not form part of the drain.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner I.D.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Eq. Ha.
<u>West Outlet</u>									
<u>Non - Agricultural Lands</u>									
FLH	Pt. Lot 39	0.34	383534003043300	56	T. & K. Knutt	165	20	185	0.27
	Pt. Lot 38 & 39	3.2	383534003037702	1-9	Allan Developments Inc.		115	115	1.58
<u>Roads</u>									
Thomas Street		0.38			Town of Plympton-Wyoming	2,215	660	2,875	1.53
						2,380	795	3,175	
Total Maintenance Assessment - Section 5						3,175			

Plan 28 and 486 Drain (2024)  
Town of Plympton-Wyoming  
May 21, 2025

## **SPECIFICATION OF WORK**

### **1. General**

The specifications included in this report are to be read in conjunction with the enclosed Drawings 1, 2, 3, 4, 5, 6 and 7, prepared by Monteith-Ingram Engineering Limited, dated 1984.

### **2. Scope of Work**

The work to be included in this specification, includes the Blue Point Subdivision storm sewers, the East outlet steel casing pipe and groyne, and the West outlet steel casing pipe and groyne, located in Part of Lot 38 and Lot 39, Fronting Lake Huron, within the Town of Plympton-Wyoming. The work includes maintaining the Bluepoint Subdivision storm drains, and associated outlet pipes. Future maintenance of the drain shall be like for like with no changes to the gradelines, materials or alignments. The report is not to be used for a complete drain reconstruction. All work will be subject to approval agencies, and may require additional siltation and erosion control measures due to the proximity to the lake.

### **3. Plans and Specifications**

These specifications shall apply and be a part of the construction Contract. This Specification of Work shall take precedence over all plans and general conditions pertaining to the Contract. The Contractor shall provide all labour, equipment, and supervision necessary to complete the work as shown in the plans, and described in these specifications. Any work not described in these specifications, shall be completed according to the Ontario Provincial Standard Specifications (OPSS) and Standard Drawings (OPSD).

Any reference to the Owner contained in these Contract Documents, shall refer to the Town of Plympton-Wyoming, or the Engineer authorized by the Town of Plympton-Wyoming, to act on its behalf.

### **4. Health and Safety**

The Contractor, at all times, shall be responsible for health and safety on the worksite, including ensuring that all employees wear suitable personal protective equipment, including safety boots and hard hats.

The Contractor shall be responsible to ensure that all procedures are followed under the Occupational Health and Safety Act, to ensure that work sites are safe, and that accidents are prevented. In the event of a serious or recurring problem, a notice of noncompliance will be issued. The Contractor will be responsible for reacting immediately to any deficiency, and correcting any potential health and safety risk.



Continuous disregard for any requirement of the Occupational Health and Safety Act could be cause for a stop work order to be issued, or even termination of the Contract.

The Contractor shall also ensure that only competent workmen are employed onsite, and that appropriate training and certification is supplied to all employees.

#### **5. Traffic Control and Construction Signage**

The Contractor shall be responsible for traffic control, as per the Ontario Traffic Manual Book 7 – Temporary Conditions (latest revision), when working on public road allowances. The Contractor will be required to provide the Engineer with a detailed traffic control plan, one week prior to mobilizing to the site. A copy of the traffic control plan shall be kept on site at all times. The Contractor shall maintain suitable barricades, warning lights, and temporary traffic notices, at their expense, in their proper position, to protect the public both day and night. Flagmen are the responsibility of the Contractor when working on the road allowance, and when entering or exiting a worksite onto a roadway.

Pedestrian access should be provided to all properties, at all times during construction.

The Contractor shall be responsible for supply, installation, maintenance, and removal of all temporary traffic control signage required on the project.

Following the installation of traffic signage for temporary conditions, the Contractor is responsible to remove, store and reinstate any permanent traffic signage, as required to facilitate the construction process. The Contractor is responsible to reinstate the pre-existing signs and posts, or at the option of the Town of Plympton-Wyoming, reinstall new signs and posts supplied by the Town of Plympton-Wyoming.

#### **6. Workplace Safety and Insurance Board**

The Contractor hereby certifies, that all employees and officers working on the project are covered by the Contractor's benefits. The WSIB Clearance Certificate must be furnished prior to the execution of the Contract, and updated every 90 days.

#### **7. Utility Locates**

Prior to completing any pipe installation, the Contractor shall organize all utility locates in the working area and adjacent road allowances. The Contractor is required to work around the utility or organize the relocation of the utility.

#### **8. Geotechnical Investigation**

A geotechnical investigation has not been undertaken within the project limits.

#### **9. Access and Working Area**

Refer to the report for the access and working area requirements.

## **10. Removals**

Removals shall be in accordance with OPSS MUNI 510.

## **11. Brushing and Tree Removal**

Brushing and clearing shall be in accordance with OPSS MUNI 201.

## **12. Installation/Maintenance of Tile/Pipe**

The Contractor shall repair the tile (pipe) with the same pipe material, same pipe size and same wall thickness. The Contractor shall supply, install, and backfill the specified sizes of pipe to the depths and grades as shown on the drawings. If necessary, HDPE pipe can be substituted for concrete pipe.

Concrete pipe shall be reinforced gasketed pipe with bell and spigot joints.

HDPE pipe shall be smooth wall gasketed pipe with bell and spigot joints (320 kPa).

Corrugated Steel Pipe (CSP) pipe shall be aluminized corrugated steel pipe with a minimum wall thickness of 2.8mm in all cases. All corrugation profiles shall be of helical lockseam using 68mm x 13mm corrugations. Pipe with 125mm x 25mm corrugations shall be used if 68mm x 13mm corrugations are not available.

Steel casing pipe shall be welded joints. The pipe shall be the same thickness (minimum) as the existing casing.

An excavator must be used unless approved by the Engineer. All corrugated, concrete and HDPE pipe joints shall be wrapped with a minimum 300mm width of Terrafix 270R (or approved equal) filter fabric. The filter fabric shall be overlapped by 450mm at the top of the pipe.

Laser control shall be used to ensure proper grades.

The pipe must be properly bedded and installed as per the manufacture's recommendations. Prior to backfilling, the pipe shall be covered manually to a depth of approx. 100mm over the pipe to ensure that the pipe are not displaced by large clumps of earth. The trench shall be backfilled with excavated material free of stones, broken pipe, or other deleterious material. All granular bedding and backfill material, including any required fill below the pipe invert, shall be mechanically compacted to 95% standard proctor maximum dry density. Pipes shall have a minimum of 150mm of bedding below the bottom of the pipe. Pipes shall be constructed to the depths and grades as shown on the drawings. Any over-excavation will be backfilled with granular material or clear stone.

When the pipe has been installed to the proper grade and depth, the excavation shall be backfilled with Granular "A", or clear stone, from the bottom of the excavation to the springline of the pipe. Care shall be taken to ensure that the backfill on either side of the pipe does not differ by more than 300mm, so that the pipe is not displaced.

Concrete and HDPE pipes shall be backfilled with Granular “B” material mechanically compacted to 95% standard proctor maximum dry density. The top 300mm of Granular “B” material, shall be mechanically compacted to 98% standard proctor maximum dry density. The backfill shall be placed from the top of the bedding, to within 200mm of the finished grade, less any asphalt. The top 150mm shall be restored with Granular “A” mechanically compacted to 100% standard proctor maximum dry density.

Maintenance of private services may be with trenchless technologies or by conventional construction methods as approved by the Town of Plympton-Wyoming.

Pipes shall be in accordance with OPSS MUNI 410.

### **13. Rip Rap**

Rip rap shall be made up of 300mm - 600mm quarry stone, or an approved equal. The area to receive the rip rap shall be graded first, to allow the placement of the rip rap to a depth of 600mm. After grading, a layer of filter fabric (Terrafix 270R or an approved equal) shall be placed with any joints overlapping a minimum of 600mm. Rip rap shall then be placed with the smaller pieces in the gaps and voids, to give it a uniform appearance.

Rip Rap shall be in accordance with OPSS MUNI 511.

### **14. Restoration**

Restoration shall be in accordance with the following:

#### Working Area and Access Restoration

- Disturbed areas within the working area, shall be restored with a minimum of 100mm of native topsoil generated on site and seeded.

#### Municipal Road Restoration

Unless otherwise instructed by the Road Authority, Municipal roads shall be restored as with the following:

- HL4 asphalt to be 90mm in depth. The asphalt shall be placed in two lifts. If the existing asphalt thickness is greater than 90mm, additional asphalt will be placed at the direction of the Drainage Superintendent or Engineer.
- Granular ‘A’ to be 500mm in depth.
- Granular ‘B’ to be used for backfill
- Disturbed areas shall be restored with native topsoil and seed. Native topsoil is to match existing depths.

Excavation shall be in accordance with OPSS MUNI 206.

Compaction shall be in accordance with OPSS MUNI 501.

Topsoil shall be in accordance with OPSS MUNI 802.

Seed shall be in accordance with OPSS MUNI 804.

Granular shall be in accordance with OPSS 1010.

Asphalt shall be in accordance with OPSS MUNI 310.

### **15. Survey Bars**

Any survey bars that are removed as a result of construction, must be replaced by an Ontario Land Surveyor, registered with the Association of Ontario Land Surveyors. If a property bar is required to be moved or replaced, to facilitate construction or maintenance, the costs to reinstate the property bar will be in addition to the contract price.

### **16. Silt Fence**

Light duty silt fencing shall be installed with filter fabric, or manufactured silt fence supported with posts.

The light duty silt fencing and accumulated sediment shall be removed, once the disturbed area has been revegetated.

Light duty silt fencing shall be in accordance with OPSS MUNI 805 and OPSD 219.110.

### **17. Straw bale**

The Straw bale check dam (s) and accumulated sediment shall be removed, once the disturbed area has been revegetated

Straw bale check dams shall be in accordance with OPSS 577 and OPSD 219.110.

