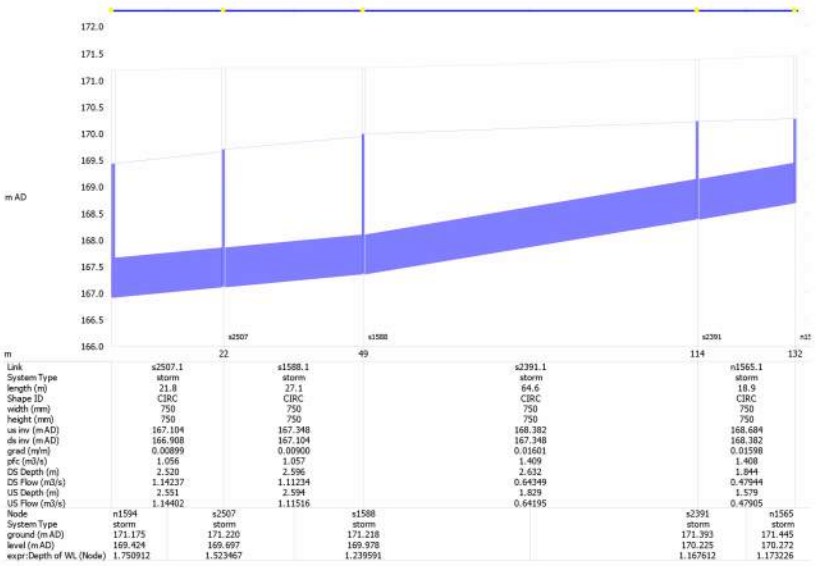
APPENDIX

C-1

HYDRAULIC PROFILES – ALTERNATIVE SYSTEMS (JAN 2019)



Link	s2507.1	s1588.1	s2391.1	n1565.1
System Type	storm	storm	storm	storm
length (m)	21.8	27.1	64.6	18.9
Shape ID	CIRC	CIRC	CIRC	CIRC
width (mm)	750	750	750	750
height (mm)	750	750	750	750
us inv (m AD)	167.104	167.348	168.382	168.684
ds inv (m AD)	166.908	167.104	167.348	168.382
grad (m/m)	0.00899	0.00900	0.01601	0.01598
pfc (m3/s)	1.056	1.057	1.409	1.408
DS Depth (m)	2.520	2.596	2.632	1.844
DS Flow (m3/s)	1.14237	1.11234	0.64349	0.47944
US Depth (m)	2.551	2.594	1.829	1.579
US Flow (m3/s)	1.14402	1.11516	0.64195	0.47905

Node	n1594	s2507	s1588	s2391	n1565
System Type	storm	storm	storm	storm	storm
ground (m AD)	171.175	171.220	171.218	171.393	171.445
level (m AD)	169.424	169.697	169.978	170.225	170.272
expr:Depth of WL (Node)	1.750912	1.523467	1.239591	1.167612	1.173226

Ground Level
Hydraulic Grade Line
Pipe

N

Legend

- Proposed Storm
- Existing Storm
- Contour Lines
- T-CATCH BASIN
- Cross Section
- Existing Manhole
- Proposed Manhole

WSP

Project 121-15461-00

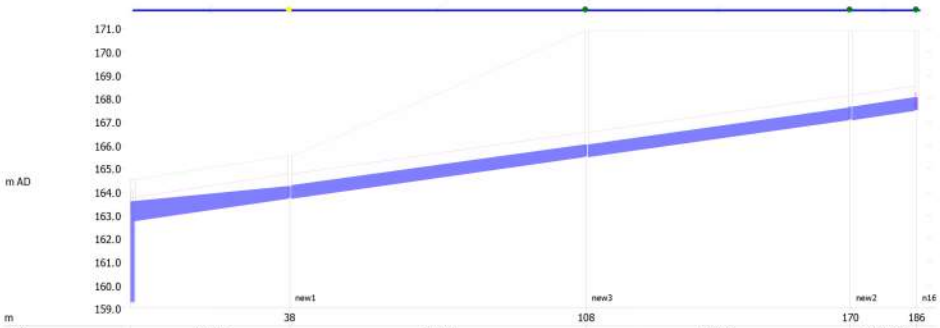
Glynwood Tributary Class EA

0 5 10 20 30 40 m

1:600

Figure C1.1 Alternative 1

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #1 MH11 to MH7



Link	new1.1	new3.1	new2.2	n1613.2
System Type	storm	storm	storm	storm
length (m)	37.7	70.2	62.5	15.6
Shape ID	CIRC	CIRC	CIRC	CIRC
width (mm)	1050	1050	1050	1050
height (mm)	1050	1050	1050	1050
us inv (m AD)	163.708	165.507	167.100	167.512
ds inv (m AD)	162.732	163.708	165.507	167.100
grad (m/m)	0.02588	0.02564	0.02548	0.02636
pfc (m3/s)	4.394	4.373	4.359	4.434
DS Depth (m)	0.888	0.562	0.539	0.540
DS Flow (m3/s)	2.17647	2.18085	2.18172	2.18180
US Depth (m)	0.553	0.534	0.535	0.531
US Flow (m3/s)	2.18073	2.18171	2.18180	2.18183

Node	n1620	new1	new3	new2	n1613
System Type	storm	storm	storm	storm	storm
ground (m AD)	164.550	165.550	170.891	170.891	-
level (m AD)	163.617	164.270	166.045	167.639	-
expr:Depth of WL (Node)	0.932996	1.280408	4.845651	3.251641	-

Ground Level

Hydraulic Grade Line

Pipe

N

Legend

- Proposed Storm
- Proposed MH
- Existing Storm
- Existing Manhole
- Catch Basin
- Countours
- Cross Section

N

WSP

Project 121-15461-00

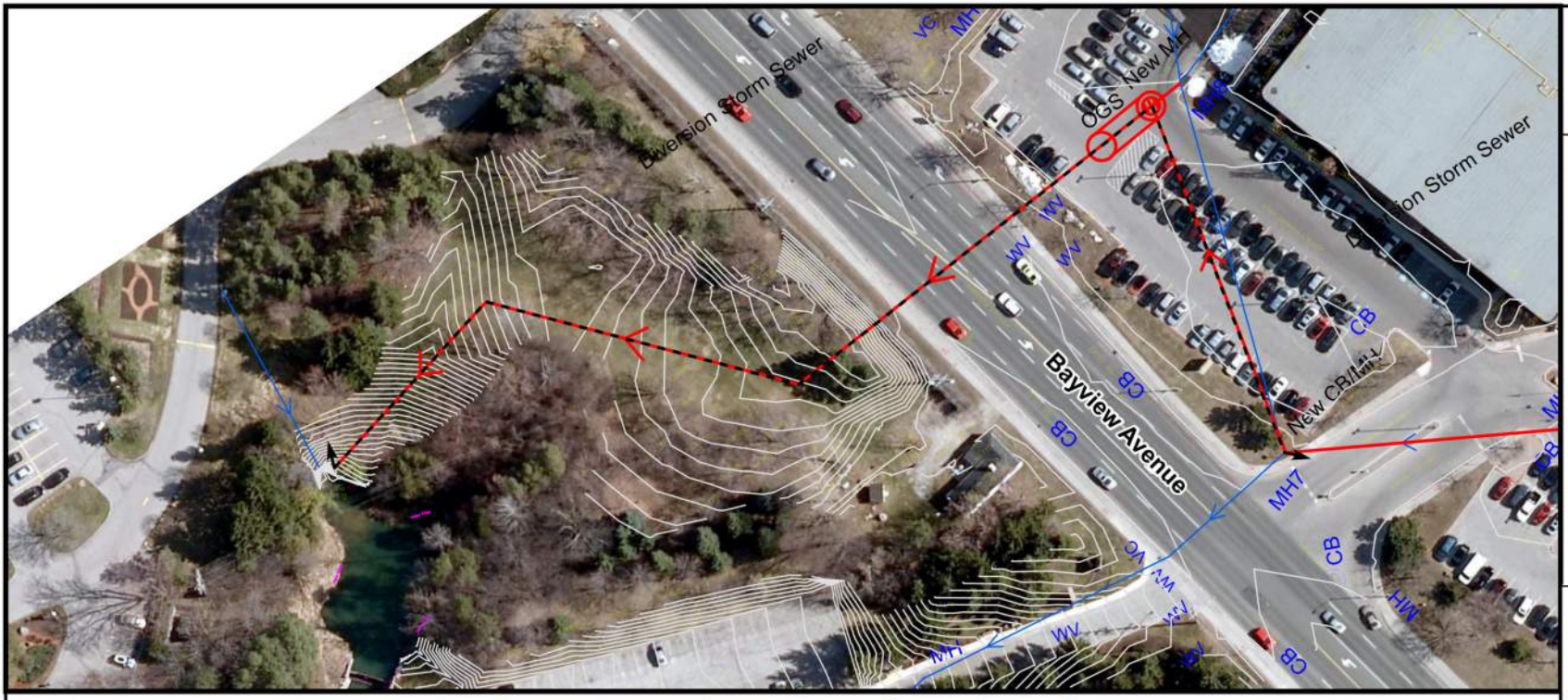
Glynwood Tributary Class EA

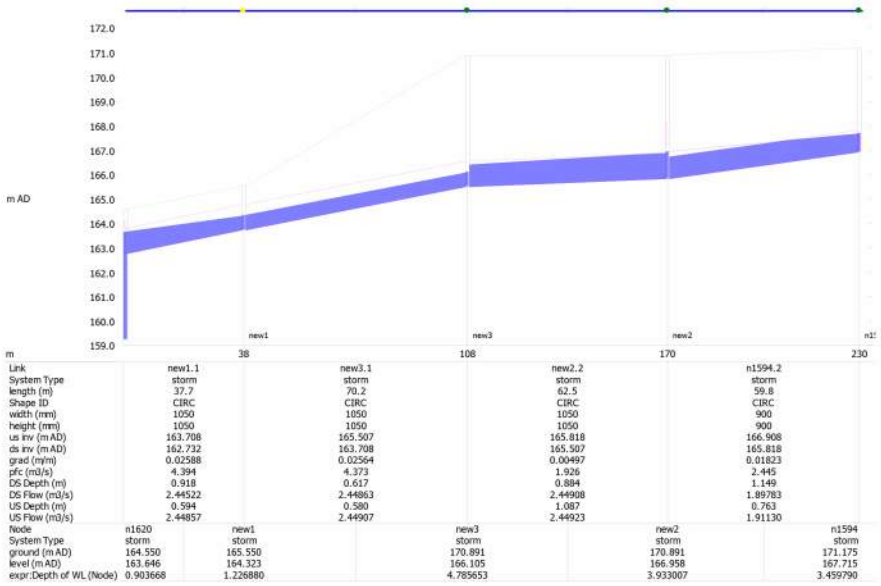
0 5 10 20 30 40 m

1:600

Figure C1.2 Alternative 1

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #1 MH8 to Pond





Link	new1.1	new3.1	new2.2	n1594.2
System Type	storm	storm	storm	storm
length (m)	37.7	70.2	62.5	59.8
Shape ID	CIRC	CIRC	CIRC	CIRC
width (mm)	1050	1050	1050	900
height (mm)	1050	1050	1050	900
us inv (m AD)	163.708	165.507	165.818	166.908
ds inv (m AD)	162.732	163.708	165.507	165.818
grad (m/m)	0.02588	0.02564	0.00497	0.01823
pfc (m3/s)	4.394	4.373	1.926	2.445
DS Depth (m)	0.918	0.617	0.884	1.149
DS Flow (m3/s)	2.44522	2.44863	2.44908	1.89783
US Depth (m)	0.594	0.580	1.087	0.763
US Flow (m3/s)	2.44857	2.44907	2.44923	1.91130

Node	n1620	new1	new3	new2	n1594
System Type	storm	storm	storm	storm	storm
ground (m AD)	164.550	165.550	170.891	170.891	171.175
level (m AD)	163.646	164.323	166.105	166.958	167.715
expr:Depth of WL (Node)	0.903668	1.226880	4.785653	3.933007	3.459790

Ground Level
Hydraulic Grade Line
Pipe

N

Legend

- Proposed Storm Sewer
- Proposed Manhole
- Existing Storm Sewer
- Existing Manhole
- Catch Basin
- Contour Lines
- Cross Section

WSP

Project 121-15461-00

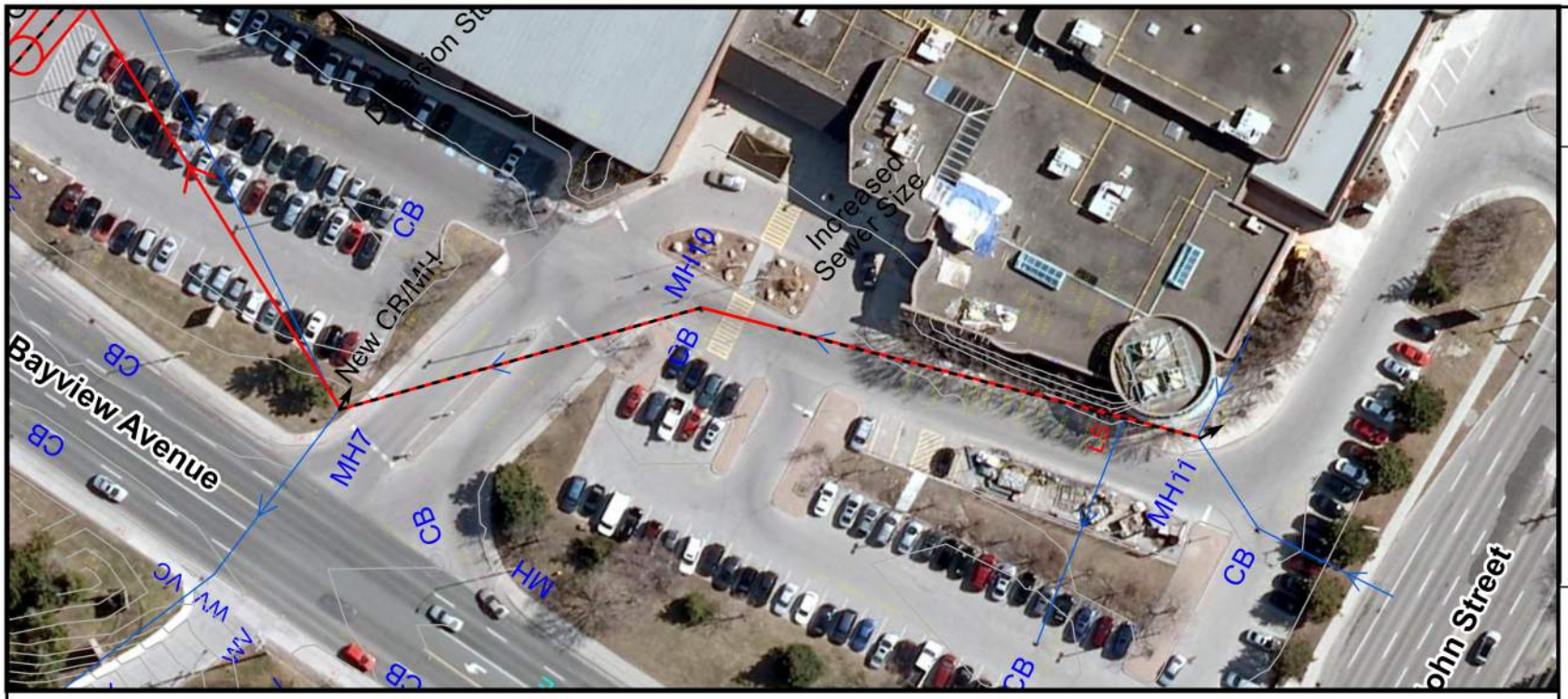
Glynwood Tributary Class EA

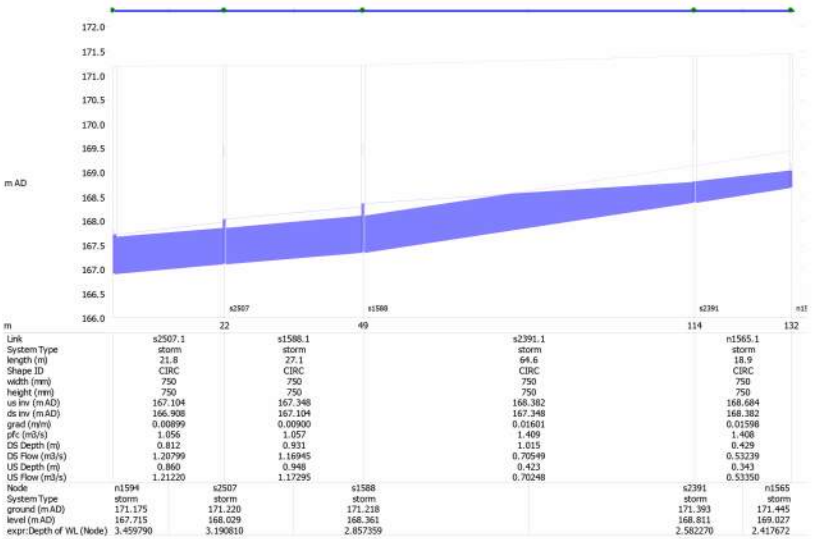
0 5 10 20 30 40 m

1:800

Figure C2.1 Alternative 2

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #2 MH7 to Pond





Link	s2507.1	s1588.1	s2391.1	n1565.1
System Type	storm	storm	storm	storm
length (m)	21.8	27.1	64.6	18.9
Shape ID	CIRC	CIRC	CIRC	CIRC
width (mm)	750	750	750	750
height (mm)	750	750	750	750
us inv (m AD)	167.104	167.348	168.382	168.684
ds inv (m AD)	166.908	167.104	167.348	168.382
grad (m/m)	0.00899	0.00900	0.01601	0.01598
pfc (m3/s)	1.056	1.057	1.409	1.408
DS Depth (m)	0.812	0.931	1.015	0.429
DS Flow (m3/s)	1.20799	1.16945	0.70549	0.53239
US Depth (m)	0.860	0.948	0.423	0.343
US Flow (m3/s)	1.21220	1.17295	0.70248	0.53350

Node	n1594	s2507	s1588	s2391	n1565
System Type	storm	storm	storm	storm	storm
ground (m AD)	171.175	171.220	171.218	171.393	171.445
level (m AD)	167.715	168.029	168.361	168.811	169.027
expr:Depth of WL (Node)	3.459790	3.190810	2.857359	2.582270	2.417672

Ground Level
Hydraulic Grade Line
Pipe

Legend

- Proposed Storm Sewer
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Section

WSP

Project 121-15461-00

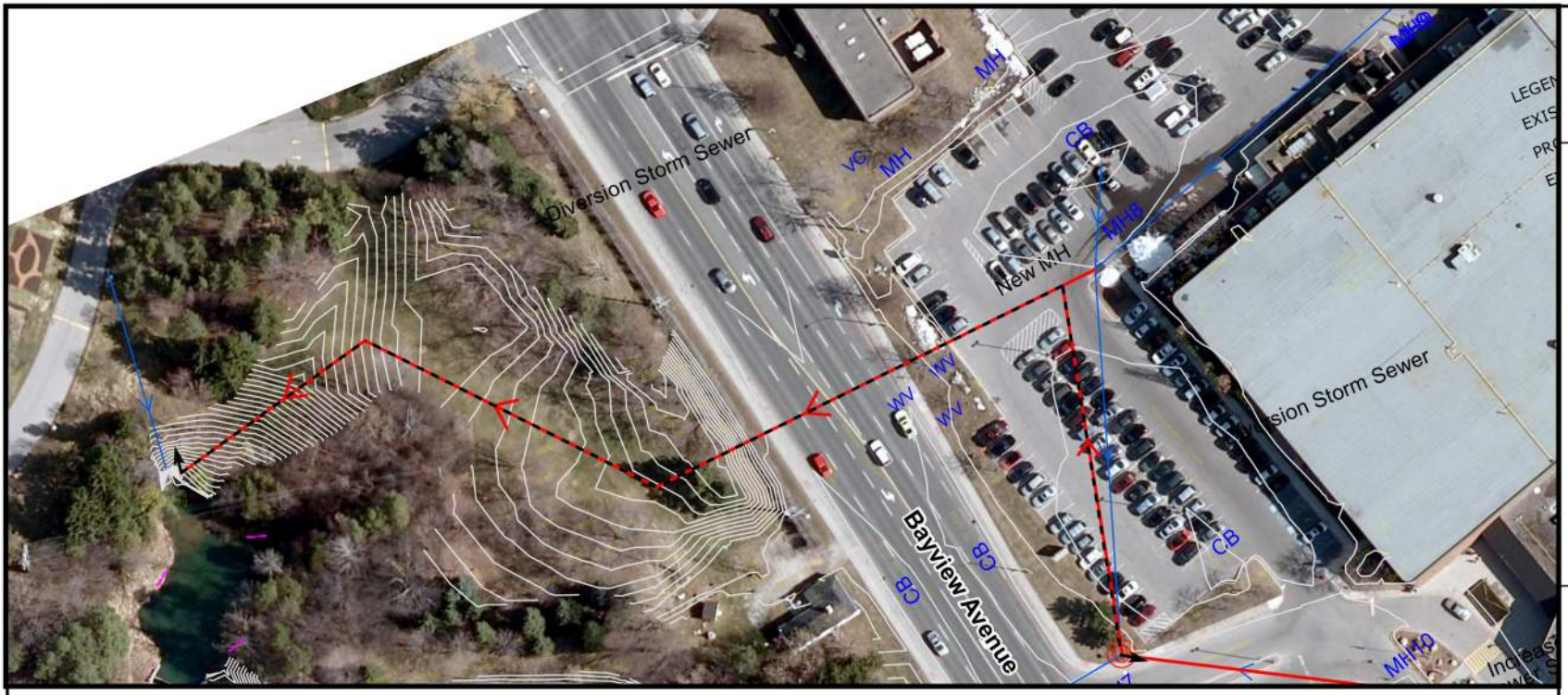
Glynwood Tributary Class EA

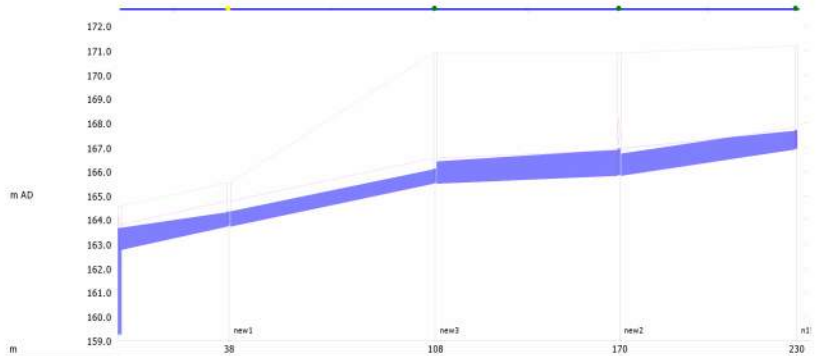
0 5 10 20 30 40 m

1:600

Figure C2.2 Alternative 2

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #2 MH11 to MH7





Link	new1.1	new3.1	new2.2	n1594.2
System Type	storm	storm	storm	storm
length (m)	37.7	70.2	62.5	59.8
Shape ID	CIRC	CIRC	CIRC	CIRC
width (mm)	1050	1050	1050	900
height (mm)	1050	1050	1050	900
us inv (m AD)	163.708	165.507	165.818	166.908
ds inv (m AD)	162.732	163.708	165.507	165.818
grad (m/m)	0.02588	0.02564	0.00497	0.01823
pfc (m3/s)	4.394	4.373	1.926	2.445
DS Depth (m)	0.918	0.617	0.884	1.149
DS Flow (m3/s)	2.44522	2.44863	2.44908	1.89783
US Depth (m)	0.594	0.580	1.087	0.763
US Flow (m3/s)	2.44857	2.44907	2.44923	1.91130

Node	n1620	new1	new3	new2	n1594
System Type	storm	storm	storm	storm	storm
ground (m AD)	164.550	165.550	170.891	170.891	171.175
level (m AD)	163.646	164.323	166.105	166.958	167.715
expr:Depth of WL (Node	0.903668	1.226880	4.785653	3.933007	3.459790

WSP

Project 121-15461-00

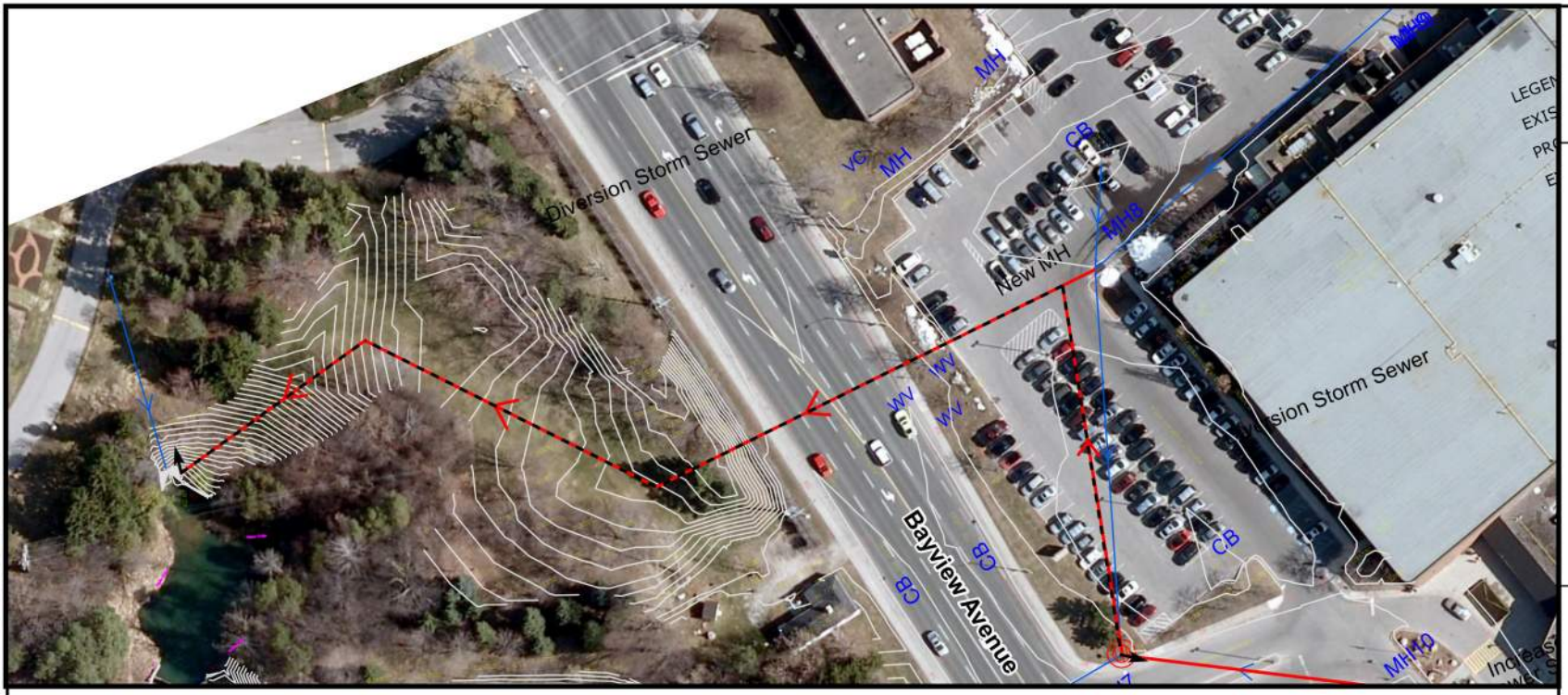
Glynwood Tributary Class EA

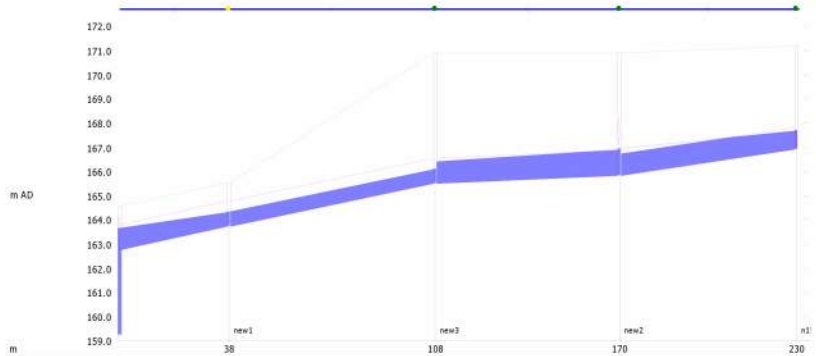
0 5 10 20 30 40 m

1:800

Figure C3.1 Alternative 3

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #3 MH11 to MH7





Link	new1.1	new3.1	new2.2	n1594.2
System Type	storm	storm	storm	storm
length (m)	37.7	70.2	62.5	59.8
Shape ID	CIRC	CIRC	CIRC	CIRC
width (mm)	1050	1050	1050	900
height (mm)	1050	1050	1050	900
us inv (m AD)	163.708	165.507	165.818	166.908
ds inv (m AD)	162.732	163.708	165.507	165.818
grad (m/m)	0.02588	0.02564	0.00497	0.01823
pfc (m3/s)	4.394	4.373	1.926	2.445
DS Depth (m)	0.918	0.617	0.884	1.149
DS Flow (m3/s)	2.44522	2.44863	2.44908	1.89783
US Depth (m)	0.594	0.580	1.087	0.763
US Flow (m3/s)	2.44857	2.44907	2.44923	1.91130

Node	n1620	new1	new3	new2	n1594
System Type	storm	storm	storm	storm	storm
ground (m AD)	164.550	165.550	170.891	170.891	171.175
level (m AD)	163.646	164.323	166.105	166.958	167.715
expr:Depth of WL (Node	0.903668	1.226880	4.785653	3.933007	3.459790

WSP

Project 121-15461-00

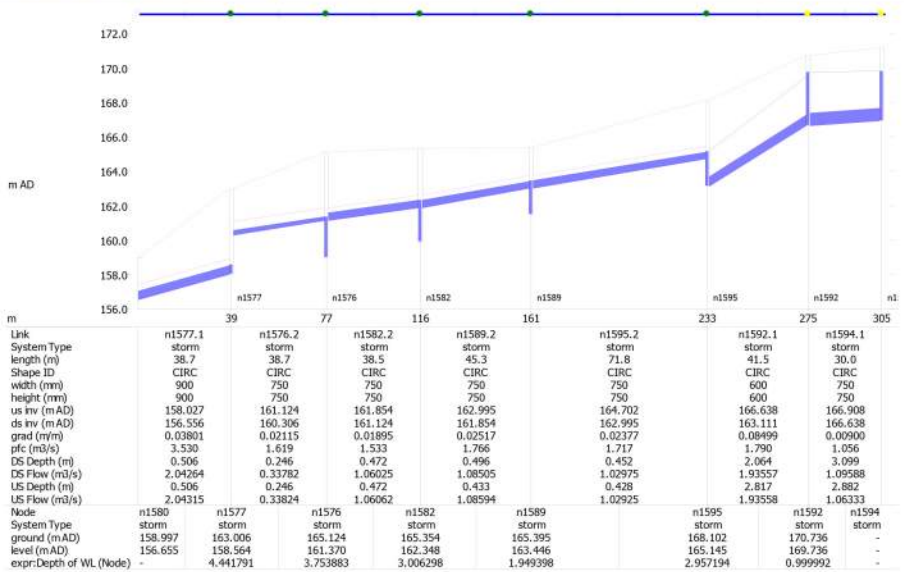
Glynwood Tributary Class EA

0 5 10 20 30 40 m

1:800

Figure C3.1 Alternative 3

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #3 MH11 to MH7



Link	n1577.1	n1576.2	n1582.2	n1589.2	n1595.2	n1592.1	n1594.1
System Type	storm	storm	storm	storm	storm	storm	storm
length (m)	38.7	38.7	38.5	45.3	71.8	41.5	30.0
Shape ID	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC
width (mm)	900	750	750	750	750	600	750
height (mm)	900	750	750	750	750	600	750
us inv (m AD)	158.027	161.124	161.854	162.995	164.702	166.638	166.908
ds inv (m AD)	156.556	160.306	161.124	161.854	162.995	163.111	166.638
grad (m/m)	0.03801	0.02115	0.01895	0.02517	0.02377	0.08499	0.00900
pfc (m3/s)	3.530	1.619	1.533	1.766	1.717	1.790	1.056
DS Depth (m)	0.506	0.246	0.472	0.496	0.452	2.064	3.099
DS Flow (m3/s)	2.04264	0.33782	1.06025	1.08505	1.02975	1.93557	1.09588
US Depth (m)	0.506	0.246	0.472	0.433	0.428	2.817	2.882
US Flow (m3/s)	2.04315	0.33824	1.06062	1.08594	1.02925	1.93558	1.06333

Node	n1580	n1577	n1576	n1582	n1589	n1595	n1592	n1594
System Type	storm	storm	storm	storm	storm	storm	storm	storm
ground (m AD)	158.997	163.006	165.124	165.354	165.395	168.102	170.736	-
level (m AD)	156.655	158.564	161.370	162.348	163.446	165.145	169.736	-
expr:Depth of WL (Node)	-	4.441791	3.753883	3.006298	1.949398	2.957194	0.999992	-

N

Legend

- Proposed Storm Sewer
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Section

WSP

Project 121-15461-00

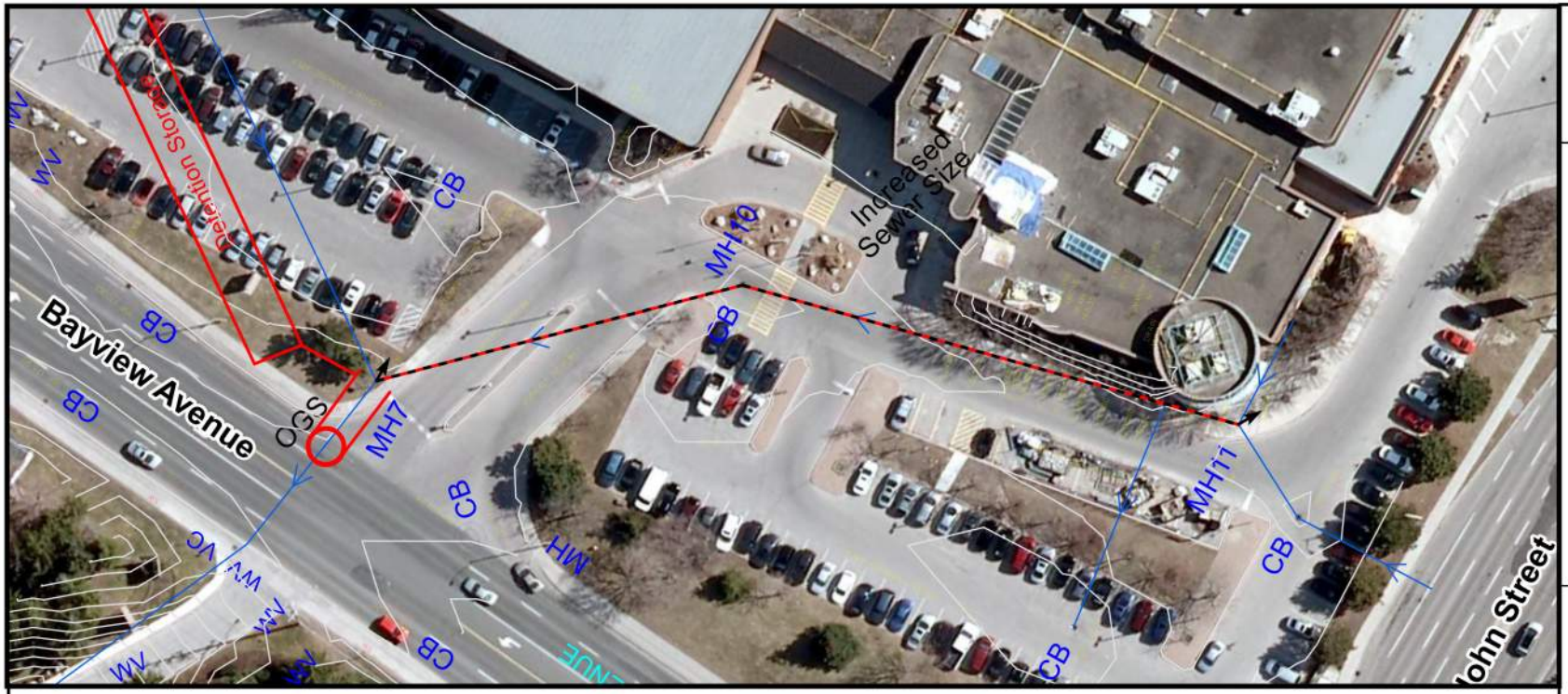
Glynwood Tributary Class EA

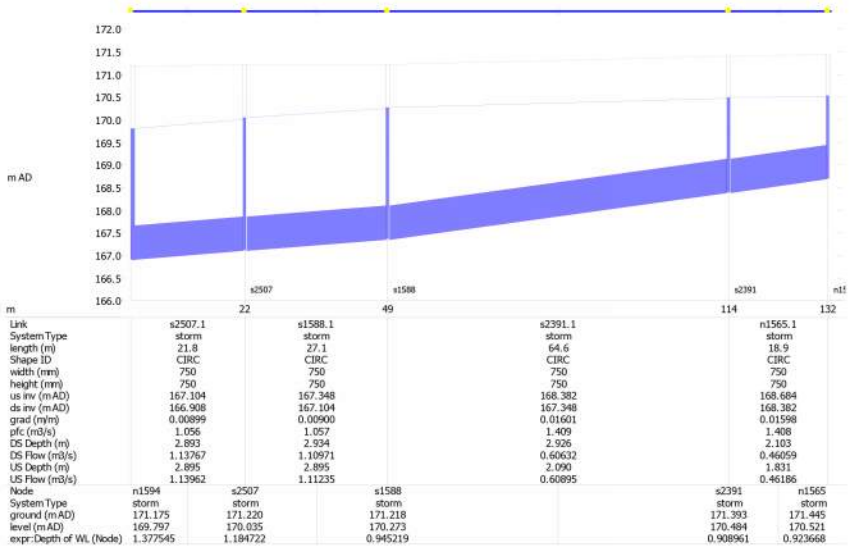
0 5 10 20 30 40 m

1:1,000

Figure C4.1 Alternative 4

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #4 MH7 to Pond





Link	s2507.1	s1588.1	s2391.1	n1565.1
System Type	storm	storm	storm	storm
length (m)	21.8	27.1	64.6	18.9
Shape ID	CIRC	CIRC	CIRC	CIRC
width (mm)	750	750	750	750
height (mm)	750	750	750	750
us inv (m AD)	167.104	167.348	168.382	168.684
ds inv (m AD)	166.908	167.104	167.348	168.382
grad (m/m)	0.00899	0.00900	0.01601	0.01598
pfc (m3/s)	1.056	1.057	1.409	1.408
DS Depth (m)	2.893	2.934	2.926	2.103
DS Flow (m3/s)	1.13767	1.10971	0.60632	0.46059
US Depth (m)	2.895	2.895	2.090	1.831
US Flow (m3/s)	1.13962	1.11235	0.60895	0.46186

Node	n1594	s2507	s1588	s2391	n1565
System Type	storm	storm	storm	storm	storm
ground (m AD)	171.175	171.220	171.218	171.393	171.445
level (m AD)	169.797	170.035	170.273	170.484	170.521
expr:Depth of WL (Node)	1.377545	1.184722	0.945219	0.908961	0.923668

N

Legend

- Proposed Storm Sewer
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Section

WSP

Project 121-15461-00

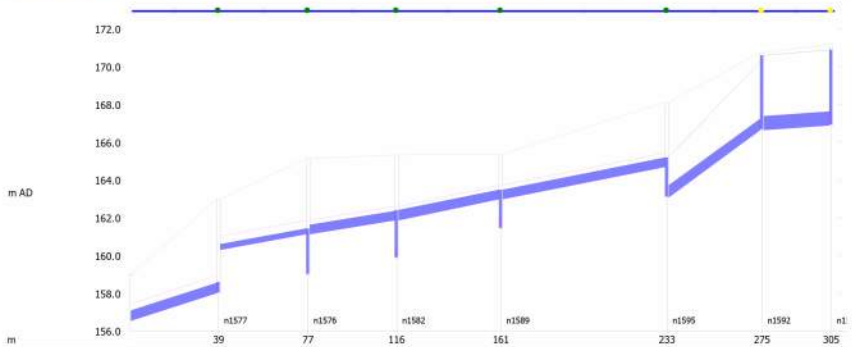
Glynwood Tributary Class EA

0 5 10 20 30 40 m

1:600

Figure C4.2 Alternative 4

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #4 MH11 to MH7



Link	n1577.1	n1576.2	n1582.2	n1589.2	n1595.2	n1592.1	n1594.1
System Type	storm	storm	storm	storm	storm	storm	storm
length (m)	38.7	38.7	38.5	45.3	71.8	41.5	30.0
Shape ID	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC
width (mm)	900	750	750	750	750	600	750
height (mm)	900	750	750	750	750	600	750
us inv (m AD)	158.027	161.124	161.854	162.995	164.702	166.638	166.908
ds inv (m AD)	156.556	160.306	161.124	161.854	162.995	163.111	166.638
grad (m/m)	0.03801	0.02115	0.01895	0.02517	0.02377	0.08499	0.00900
pfc (m3/s)	3.530	1.619	1.533	1.766	1.717	1.790	1.056
DS Depth (m)	0.525	0.300	0.523	0.561	0.516	2.130	3.961
DS Flow (m3/s)	2.22206	0.50691	1.22689	1.25661	1.19864	2.10382	1.09414
US Depth (m)	0.525	0.300	0.523	0.480	0.475	3.644	3.983
US Flow (m3/s)	2.22220	0.50710	1.22696	1.25714	1.19813	2.10384	1.09418

Node	n1580	n1577	n1576	n1582	n1589	n1595	n1592	n1594
System Type	storm	storm	storm	storm	storm	storm	storm	storm
ground (m AD)	158.997	163.006	165.124	165.354	165.395	168.102	170.736	-
level (m AD)	156.655	158.599	161.425	162.412	163.508	165.206	170.595	-
expr:Depth of WL (Node)	-	4.407489	3.699348	2.942211	1.886852	2.896174	0.141045	-

Ground Level

Hydraulic Grade Line

Pipe

N

Legend

- Proposed Storm Sewer
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Section

WSP

Project 121-15461-00

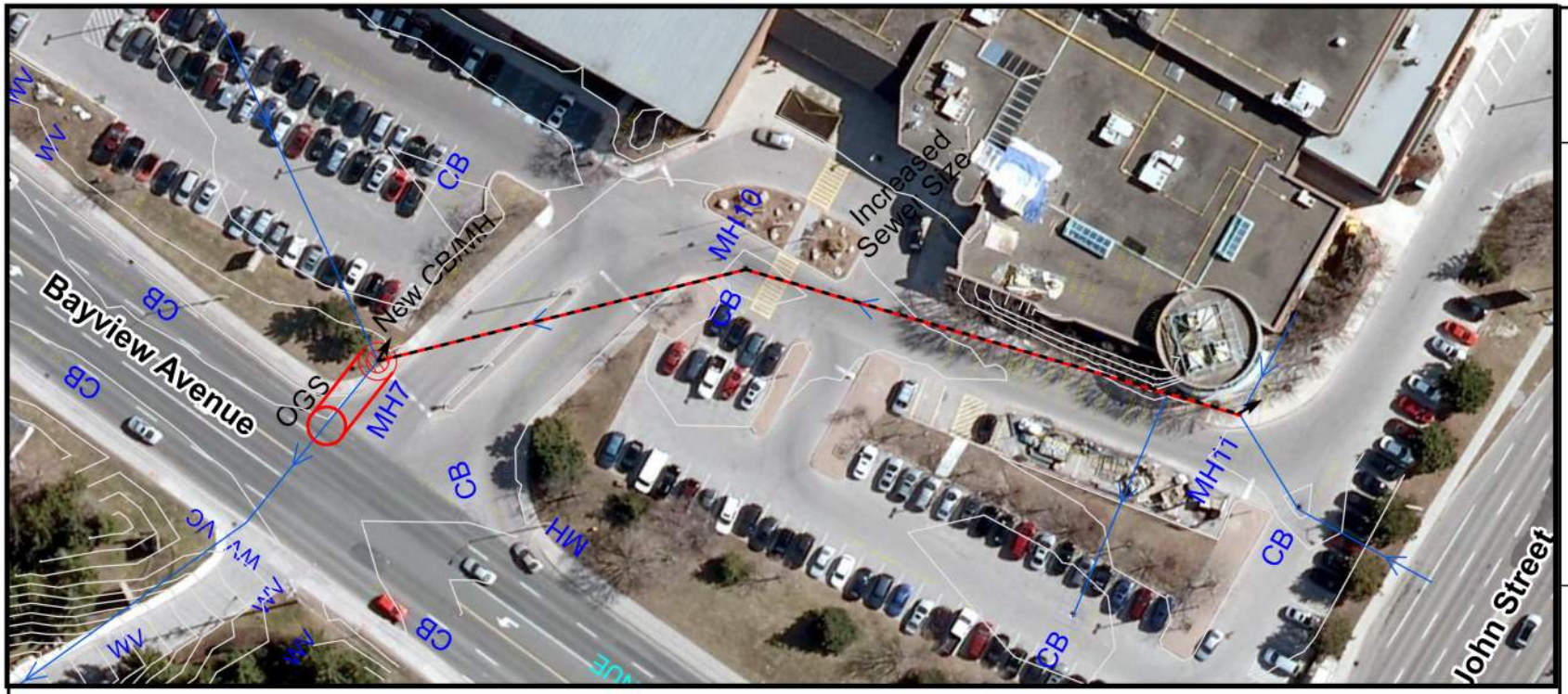
Glynwood Tributary Class EA

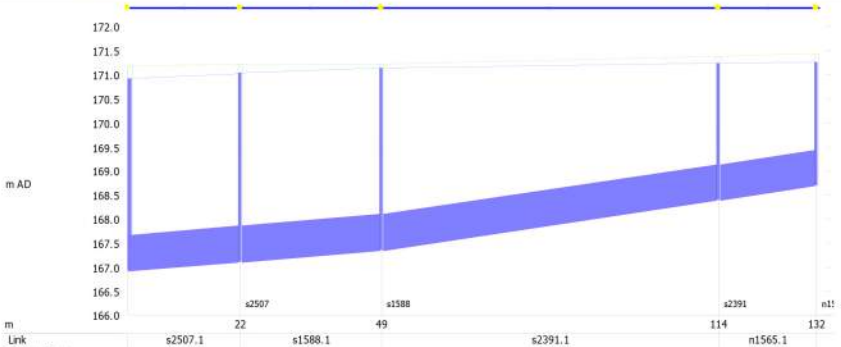
0 5 10 20 30 40 m

1:1,000

Figure C5.1 Alternative 5

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #5 MH7 to Pond





Link	s2507.1	s1588.1	s2391.1	n1565.1
System Type	storm	storm	storm	storm
length (m)	21.8	27.1	64.6	18.9
Shape ID	CIRC	CIRC	CIRC	CIRC
width (mm)	750	750	750	750
height (mm)	750	750	750	750
us inv (m AD)	167.104	167.348	168.382	168.684
ds inv (m AD)	166.908	167.104	167.348	168.382
grad (m/m)	0.00899	0.00900	0.01601	0.01598
pfc (m3/s)	1.056	1.057	1.409	1.408
DS Depth (m)	4.020	3.936	3.805	2.872
DS Flow (m3/s)	0.92083	0.93936	0.45216	0.39540
US Depth (m)	3.919	3.791	2.866	2.587
US Flow (m3/s)	0.92678	0.94679	0.46870	0.42468

Node	n1594	s2507	s1588	s2391	n1565
System Type	storm	storm	storm	storm	storm
ground (m AD)	171.175	171.220	171.218	171.393	171.445
level (m AD)	170.926	171.039	171.153	171.253	171.274
expr:Depth of WL (Node	0.248578	0.181243	0.065168	0.139704	0.171105

Ground Level

Hydraulic Grade Line

Pipe

Legend

- Proposed Storm Sewer
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Section

WSP

Project 121-15461-00

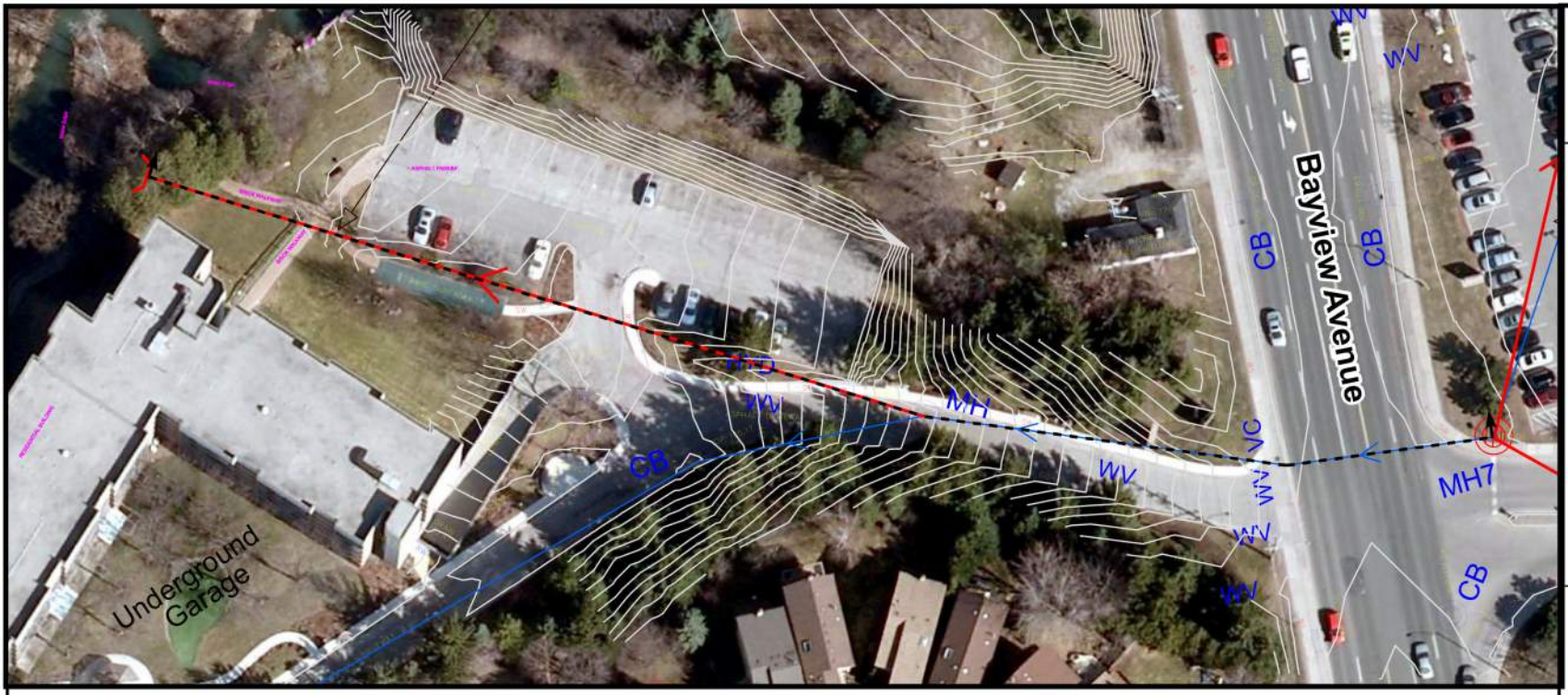
Glynwood Tributary Class EA

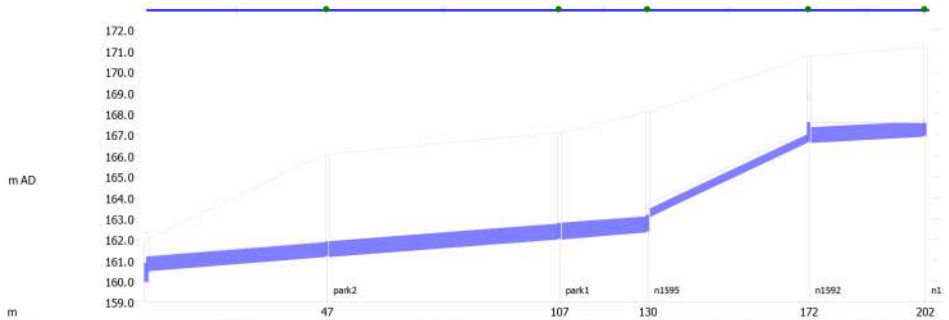
0 5 10 20 30 40 m

1:600

Figure C5.2 Alternative 5

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #5 MH11 to MH7





Ground Level

Hydraulic Grade Line

Pipe

Link	park2.1	park1.1	n1595.3	n1592.1	n1594.1
System Type	storm	storm	storm	storm	storm
length (m)	47.2	60.1	22.7	41.5	30.0
Shape ID	CIRC	CIRC	CIRC	CIRC	CIRC
width (mm)	750	750	750	600	750
height (mm)	750	750	750	600	750
us inv (m AD)	161.176	162.036	162.361	166.638	166.908
ds inv (m AD)	160.500	161.176	162.036	163.111	166.638
grad (m/m)	0.01432	0.01430	0.01432	0.08499	0.00900
pfc (m3/s)	1.332	1.332	1.332	1.790	1.056
DS Depth (m)	0.677	0.736	0.783	0.389	0.964
DS Flow (m3/s)	1.29321	1.29327	1.31081	1.32053	-0.44286
US Depth (m)	0.686	0.727	0.777	0.389	0.665
US Flow (m3/s)	1.29326	1.30936	1.31580	1.32055	-0.44548

Node	pond1	park2	park1	n1595	n1592	n1594
System Type	storm	storm	storm	storm	storm	storm
ground (m AD)	162.000	166.102	167.102	168.102	170.736	171.175
level (m AD)	160.903	161.907	162.814	163.200	167.609	167.573
expr:Depth of WL (Node)	1.096771	4.194545	4.288172	4.902095	3.127296	3.602063

N

Legend

- Proposed Storm Sewer
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Section

WSP

Project 121-15461-00

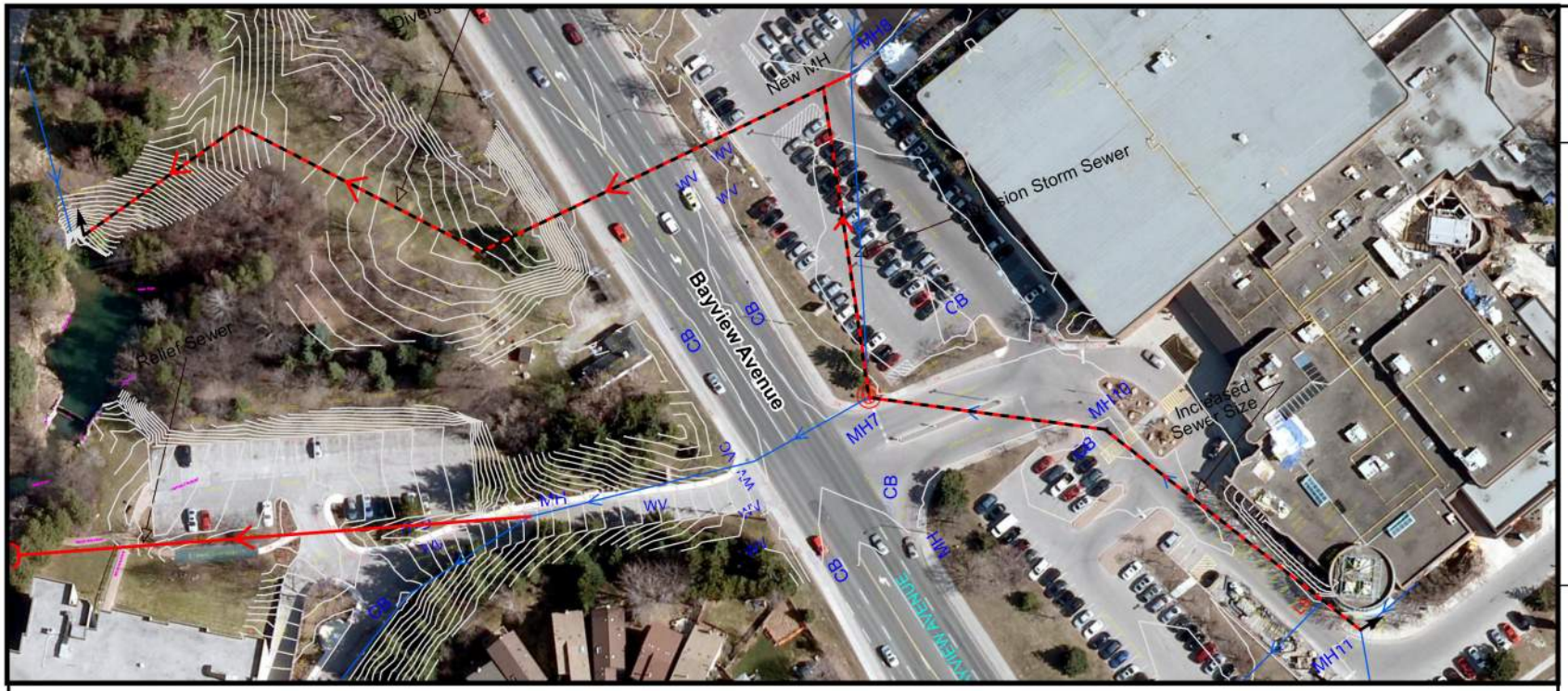
Glynwood Tributary Class EA

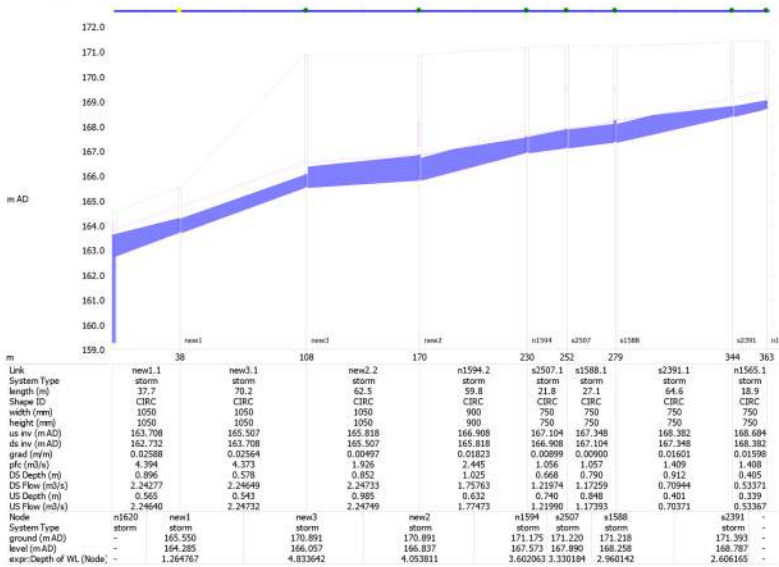
0 5 10 20 30 40 m

1:600

Figure C6.1 Alternative 6

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #6 MH7 to Pond





Link	new1.1	new3.1	new2.2	n1594.2	s2507.1	s1588.1	s2391.1	n1565.1
System Type	storm	storm	storm	storm	storm	storm	storm	storm
length (m)	37.7	70.2	62.5	59.8	21.8	27.1	64.6	18.9
Shape ID	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC
width (mm)	1050	1050	1050	900	750	750	750	750
height (mm)	1050	1050	1050	900	750	750	750	750
us inv (m AD)	163.708	165.507	165.818	166.908	167.104	167.348	168.382	168.684
ds inv (m AD)	162.732	163.708	165.507	165.818	166.908	167.104	167.348	168.382
grad (m/m)	0.02588	0.02564	0.00497	0.01823	0.00899	0.00900	0.01601	0.01598
pfc (m3/s)	4.394	4.373	1.926	2.445	1.056	1.057	1.409	1.408
DS Depth (m)	0.896	0.578	0.852	1.025	0.668	0.790	0.912	0.405
DS Flow (m3/s)	2.24277	2.24649	2.24733	1.75763	1.21974	1.17259	0.70944	0.53371
US Depth (m)	0.565	0.543	0.985	0.632	0.740	0.848	0.401	0.339
US Flow (m3/s)	2.24640	2.24732	2.24749	1.77473	1.21990	1.17393	0.70371	0.53367

Node	n1620	new1	new3	new2	n1594	s2507	s1588	s2391	-
System Type	storm	storm	storm	storm	storm	storm	storm	storm	-
ground (m AD)	-	165.550	170.891	170.891	171.175	171.220	171.218	171.393	-
level (m AD)	-	164.285	166.057	166.837	167.573	167.890	168.258	168.787	-
expr:Depth of WL (Node)	-	1.264767	4.833642	4.053811	3.602063	3.330184	2.960142	2.606165	-

N

Legend

- Proposed Storm Sewer
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Section

N

WSP

Project 121-15461-00

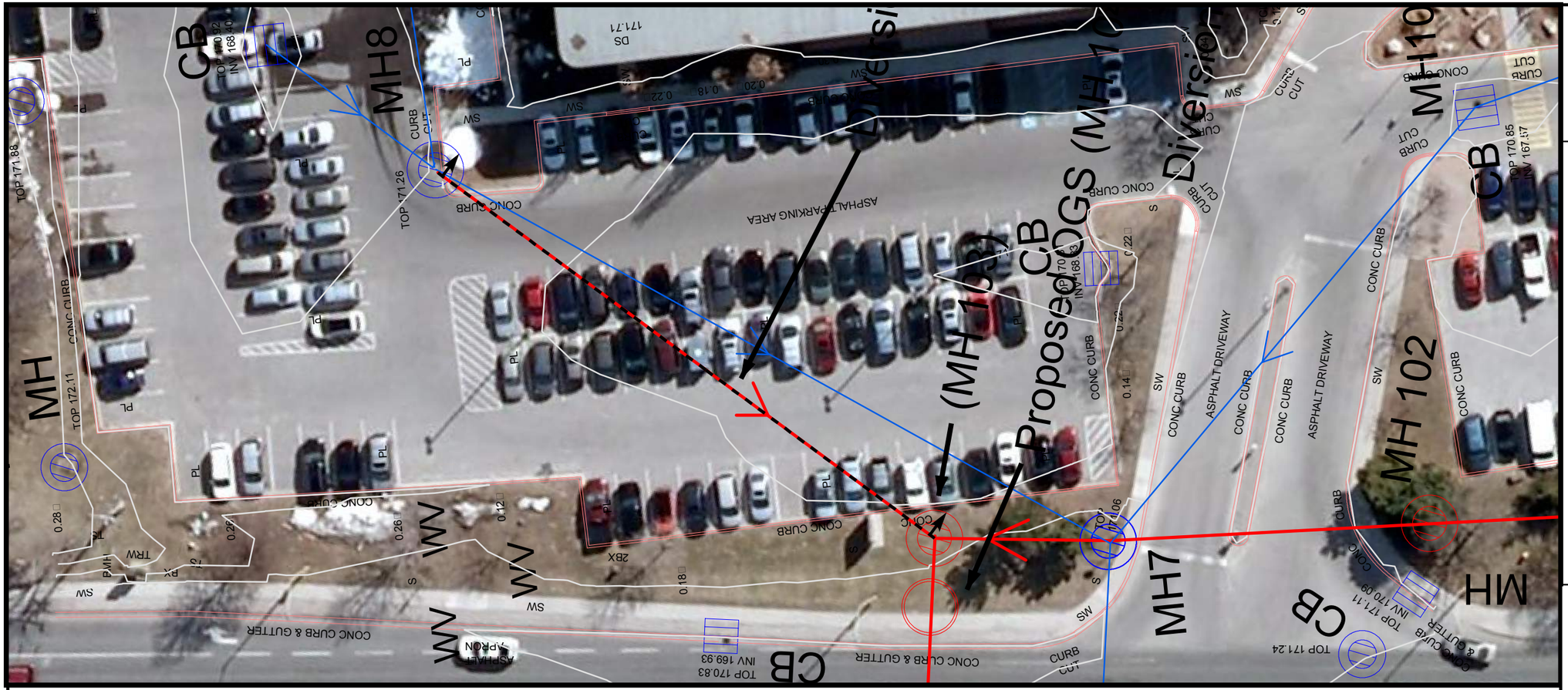
Glynwood Tributary Class EA

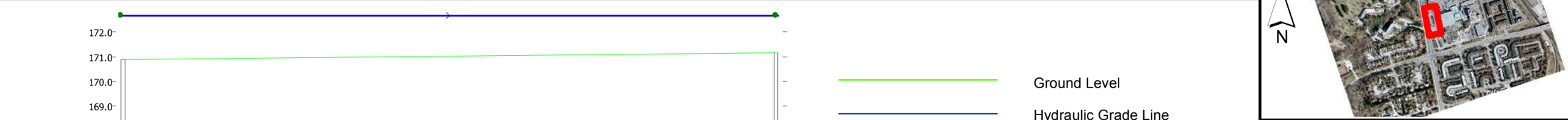
0 5 10 20 30 40 m

1:950

Figure C6.2 Alternative 6

Glynnwood Tributary Area
Sewer Surcharge Study
Alternative #6 MH11 to Pond





Link		n1613.3
System Type		storm
length (m)		54.9
Shape ID		CIRC
width (mm)		750
height (mm)		750
us inv (m AD)		167.512
ds inv (m AD)		166.624
grad (m/m)		0.01618
pfc (m3/s)		1.416
DS Depth (m)		0.385
DS Flow (m3/s)		0.71847
US Depth (m)		0.385
US Flow (m3/s)		0.71854
Node	n1613	newmh3
System Type	storm	storm
ground (m AD)	170.891	171.175
level (m AD)	167.899	164.973
expr:Depth of WL (Node)	2.992151	6.201611

Ground Level

Hydraulic Grade Line

Pipe

N

Legend

- Proposed Storm Sewer
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Sections

N

WSP

Project 121-15461-00

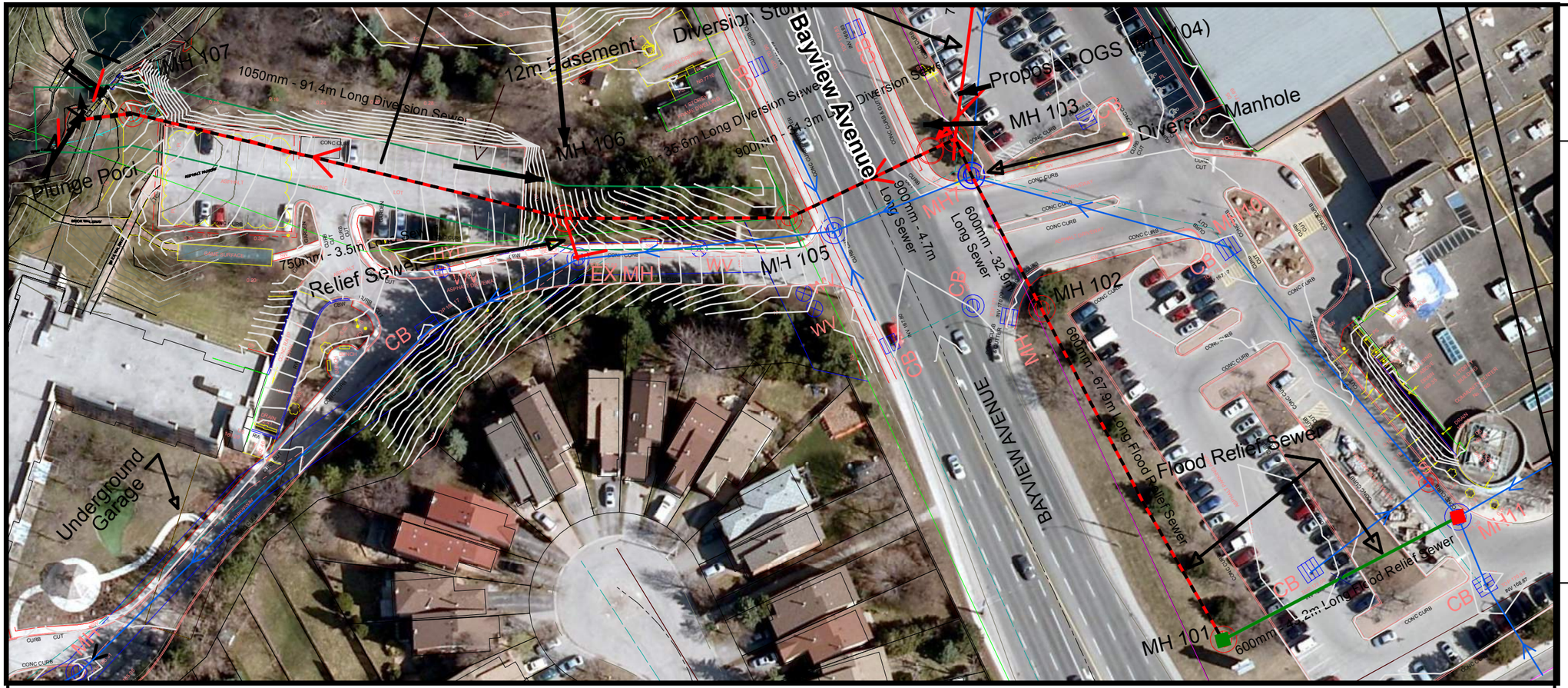
Glynwood Tributary Class EA

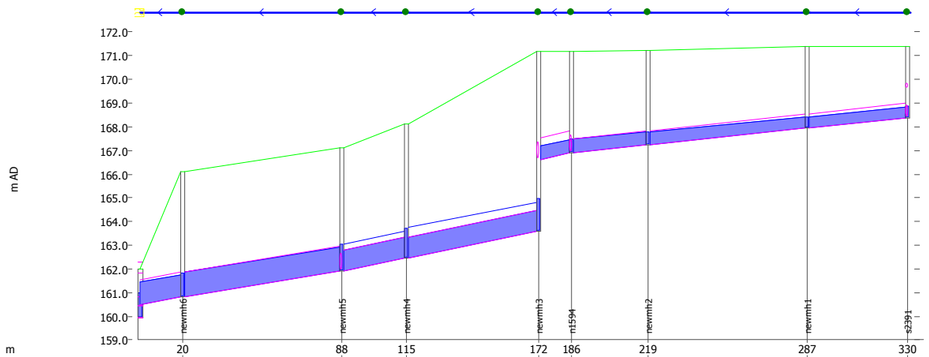
0 2.5 5 10 15 20 m

1:400

Figure C6-1.1 Recommended Alternative

Glynnwood Tributary Area
Sewer Surcharge Study
Recommended Alternative
MH8 to MH 103





Link	-	newmh5.1	newmh4.1	newmh3.1	-	newmh2.1	newmh1.1	s2391.2
System Type	storm	storm	storm	storm	storm	storm	storm	storm
length (m)	19.5	68.1	27.8	56.3	14.2	32.9	67.9	43.2
Shape ID	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC
width (mm)	1050	1050	900	900	900	600	600	600
height (mm)	1050	1050	900	900	900	600	600	600
us inv (m AD)	160.810	161.900	162.456	163.582	-	167.240	167.940	168.382
ds inv (m AD)	160.500	160.810	161.900	162.456	-	166.908	167.240	167.940
grad (m/m)	0.01589	0.01602	0.01998	0.02000	-	0.01009	0.01031	0.01024
pfc (m3/s)	3.443	3.456	2.560	2.561	2.562	0.617	0.624	0.621
DS Depth (m)	0.950	1.046	1.155	1.297	0.554	0.582	0.544	0.476
DS Flow (m3/s)	3.37009	3.37010	2.41818	2.41815	-	0.53892	0.53916	0.55623
US Depth (m)	0.956	1.037	1.117	1.219	0.554	0.525	0.457	0.464
US Flow (m3/s)	3.37009	3.38147	2.41817	2.41815	-	0.53906	0.55502	0.57045

Node	-	newmh6	newmh5	newmh4	newmh3	n1594	newmh2	newmh1	s2391
System Type	-	storm	storm	storm	storm	storm	storm	storm	storm
ground (m AD)	-	166.102	167.102	168.102	171.175	171.175	171.218	171.393	171.393
level (m AD)	-	161.849	163.041	163.737	164.973	167.488	167.782	168.414	168.864
expr:Depth of WL (Node)	-	4.253443	4.061213	4.365214	6.201611	3.686749	3.435926	2.978983	2.529169

Ground Level

Hydraulic Grade Line

Pipe

N

Legend

- 0
- Proposed Cond Revised
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines
- Cross Section

N

WSP

Project 121-15461-00

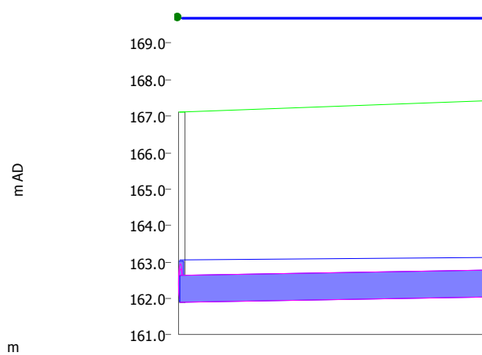
Glynwood Tributary Class EA

0 5 10 20 30 40 m

1:850

Figure C6-1.2 Recommended Alternative

Glynnwood Tributary Area
Sewer Surcharge Study
Recommended Alternative
MH11 to Pond



Link		n1595.2
System Type		storm
length (m)		28.4
Shape ID		CIRC
width (mm)		750
height (mm)		750
us inv (m AD)		162.361
ds inv (m AD)		161.900
grad (m/m)		0.01623
pfc (m3/s)		1.418
DS Depth (m)		1.146
DS Flow (m3/s)		1.24068
US Depth (m)		0.906
US Flow (m3/s)		1.23655
Node	newmh5	n1595
System Type	storm	storm
ground (m AD)	167.102	168.102
level (m AD)	163.041	163.312
expr:Depth of WL (Node)	4.061213	4.789820

Ground Level

Hydraulic Grade Line

Pipe

N

Legend

- Proposed Cond Revised
- Proposed MH
- Existing Storm Sewer
- Existing MH
- Catch Basin
- Contour Lines

N

WSP

Project 121-15461-00

Glynwood Tributary Class EA

0 2.5 5 10 15 20 m

1:300

Figure C6-1.3 Recommended Alternative

Glynnwood Tributary Area
Sewer Surcharge Study
Recommended Alternative
MH 106 to MH 107