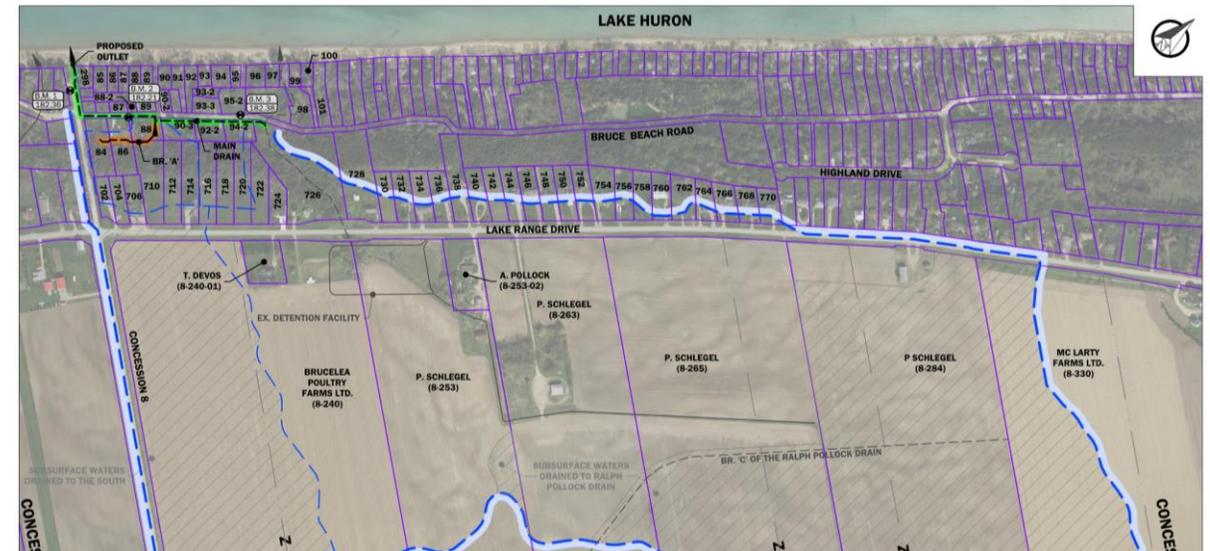


Bruce Beach
Municipal
Drain –
Phase II



Public Information Meeting – February 5,
2022

Presentation Overview

Brief History

Purpose of this Meeting

Design and Modelling

Cost Estimates

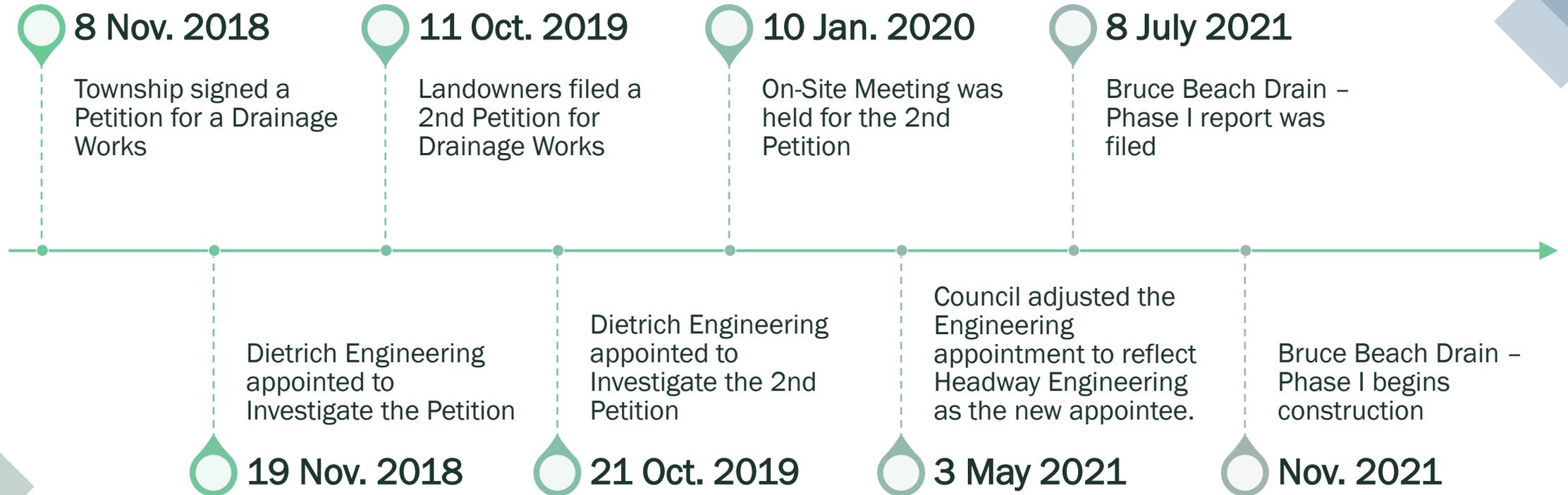
Preliminary Assessments (Cost Sharing)

Next Steps

Questions



Brief History





Purpose of this Meeting

- Headway Engineering to present the work completed so far for Phase II
 - Design
 - Cost Estimates
 - Assessment of Costs (Cost Sharing)
- To receive public input and feedback on the Phase II proposal
- To enable us to move closer to a Drainage Report for the second Phase

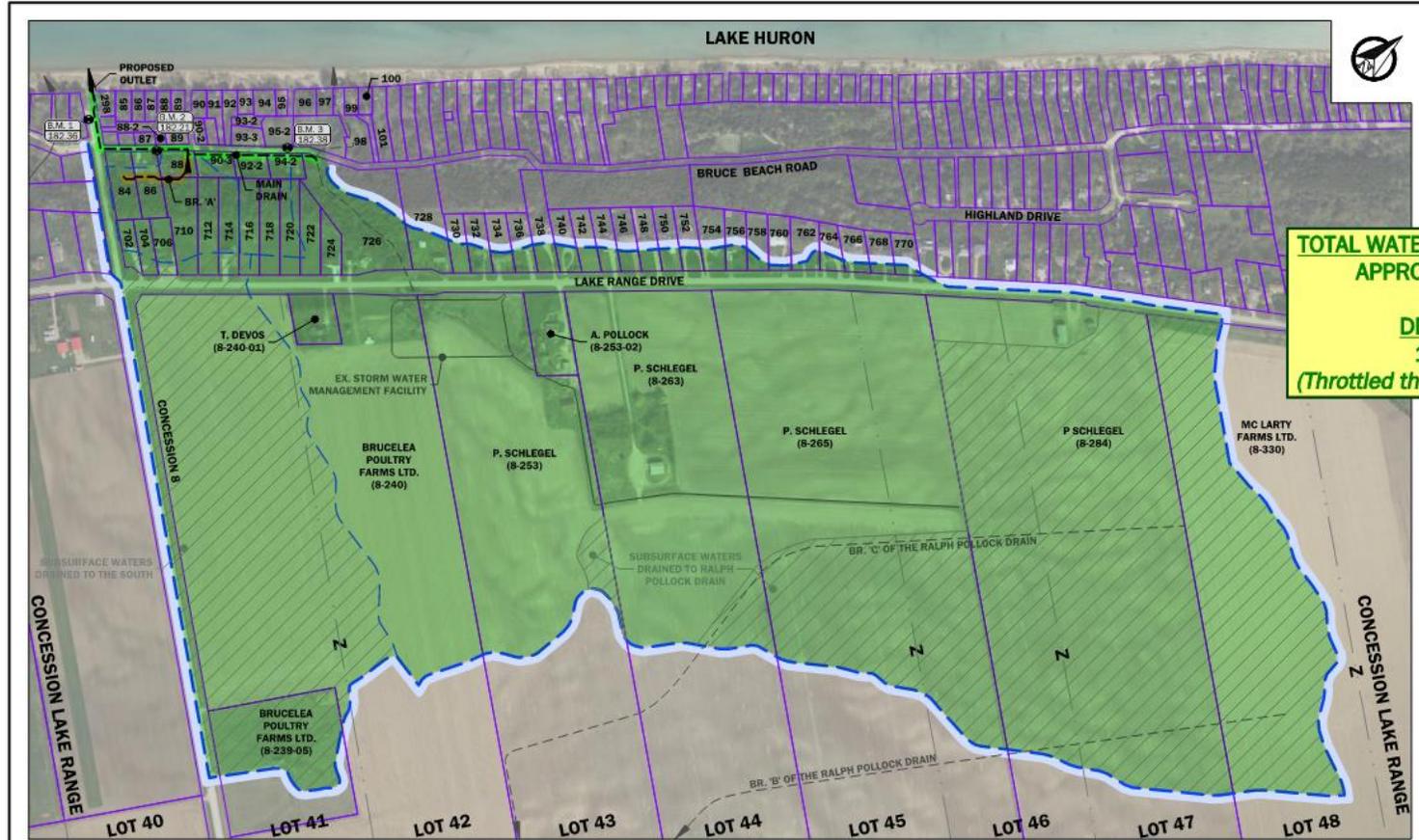




Design and Modelling



Watershed & Design Standard – Main Drain



TOTAL WATERSHED AREA (MAIN DRAIN):
APPROX. 267.5 AC (108 HA).

DESIGN STANDARD:
100 YEAR EVENT
(Throttled through Phase 1 SWM Facility)

LEGEND

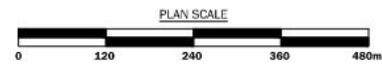
- LOT/CONCESSION LINE
- PROPERTY LINE
- MAJOR WATERSHED BOUNDARY
- MINOR WATERSHED BOUNDARY
- BENCHMARK LOCATION
- BENCHMARK No.
- BENCHMARK ELEVATION
- LANDOWNER NAME(S)
- ASSESSMENT ROLL No. (ABBREVIATED)
- AREA WITHIN WATERSHED

EXISTING FEATURES

- OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION
- OVERLAND FLOW PATH

PROPOSED FEATURES

- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION



SCHEDULE OF OWNERSHIP

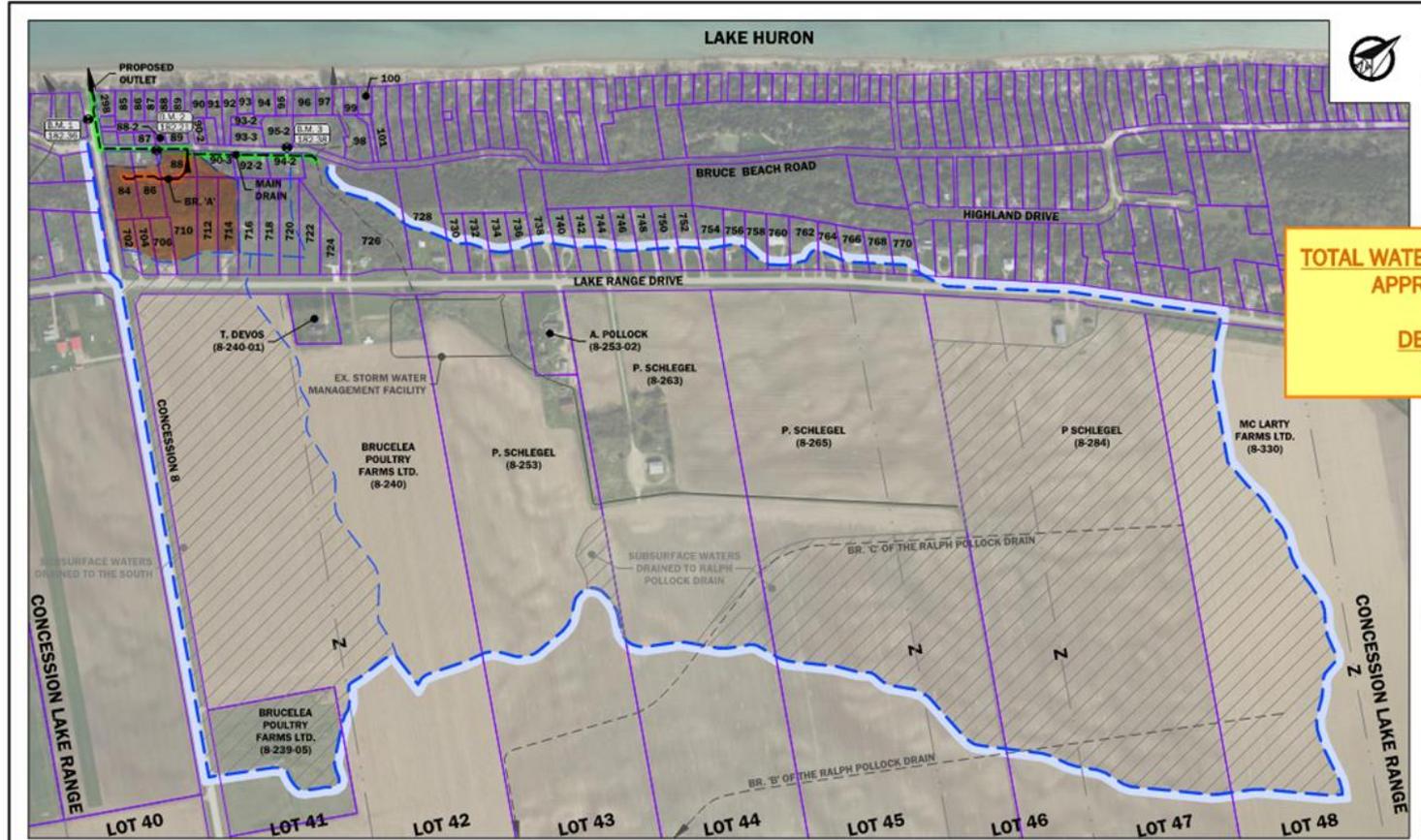
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CONCESSION 8														
298	D. WILLOUGHBY	8-098	84	M. RIEKENBRAUCK	8-236-01	93	G. INGHAM	8-107	100	B. CLARK	8-115	720	J. CARBONE	8-236-30
	D. WILLOUGHBY	8-098-01	86	D. EDWARDS	8-236-02	93-2	H. MOORE	8-108	101	B. CLARK	8-115-01	722	J. ELLIOT	8-236-34
	D. WILLOUGHBY	8-098-02	87	S. HARPER	8-100-01	93-3	J. PAYNTER	8-108-02		R. MAC GREGOR	8-116	724	J. ELLIOT	8-236-38
MARTYN LANE														
85	D. POST	8-099	88	B. SUTTER	8-236-03	94	C. WOOLFORD	8-109		G. POLLOCK	8-236	726	G. POLLOCK	8-236
	D. POST	8-099-01	88-2	L. BENHAM	8-101-01	94-2	H. MOORE	8-237-01		N. MORRIS	8-253-01	728	N. MORRIS	8-253-01
	S. HARPER	8-100	89	B. POLLOCK	8-102-01	95	R. WRIGHT	8-110		M. FINOS	8-238	730	D. BELL	8-254-09
	S. HARPER	8-102-02	89	E. MYRICK	8-102-01	95-2	A. POLLOCK	8-109-01		M. FINOS	8-238-01	732	P. SMITH	8-254-08
87	T. ALTON	8-101	90	T. GARDNER	8-104	96	M. CLARK	8-111		A. MCWEN	8-239	734	A. POLLOCK	8-254-07
88	M. BEVERIDGE	8-102	90-2	R. BLACK	8-236-04		M. CLARK	8-111-01		T. BROWN	8-236-10	736	L. GASCIANO	8-254-06
89	R. OUTERBRIDGE	8-103	92	J. JEFFREYS	8-106		T. CLARK	8-112		P. MCDONALD	8-236-14	738	M. WALDEN	8-254-03
							R. CLARK	8-105-01		C. BOTDEN	8-236-18	740	D. DAHMER	8-262-07
							S. GANCEVICH	8-113		K. BOTDEN	8-236-22	742	G. MCDONALD	8-262-06
							T. FARELL	8-114		G. JOHANNES	8-236-26	744	K. MELDRUM	8-262-05
														770
														746
														748
														750
														752
														754
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														768
														770

Headway Engineering

DRAWN BY: R.U.	DESIGNED BY: M.T.	CHECKED BY: S.B.
DATE: 2022-02-05	REFERENCE No. HK-002	DRAWING No. 1 OF 5

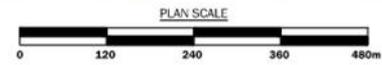
2	INFORMATION MEETING	22-02-08
1	ON-SITE MEETING	21-06-17
No.	REVISION	DATE

Watershed & Design Standard – Branch 'A'



TOTAL WATERSHED AREA (BRANCH 'A'):
APPROX. 6.1 AC (2.5 HA).

DESIGN STANDARD:
5 YEAR EVENT



SCHEDULE OF OWNERSHIP

No.	NAME	ROLL No.	No.	NAME	ROLL No.	No.	NAME	ROLL No.	No.	NAME	ROLL No.	No.	NAME	ROLL No.			
CONCESSION 8																	
298	D. WILLOUGHBY	8-098	84	M. RIEKENBRAUCK	8-236-01	93	G. INGHAM	8-107	100	B. CLARK	8-115	720	J. CARBONE	8-236-30	746	M. SAPIRO	8-262-04
	D. WILLOUGHBY	8-098-01	86	D. EDWARDS	8-236-02	93-2	H. MOORE	8-108	101	R. MAC GREGOR	8-116	722	J. ELLIOT	8-236-34	748	W. LANDECK	8-262-03
	D. WILLOUGHBY	8-098-02	87	S. HARPER	8-100-01	93-3	J. PAYNTER	8-108-02				724	J. ELLIOT	8-236-38	750	G. RUTLEDGE	8-262-02
MARTYN LANE																	
85	D. POST	8-099	88	B. SUTTER	8-236-03	94	C. WOOLFORD	8-109	726	G. POLLOCK	8-236	728	N. MORRIS	8-253-01	754	J. MORTON	8-264
	D. POST	8-099-01	88-2	L. BENHAM	8-101-01	94-2	H. MOORE	8-237-01	730	D. BELL	8-254-09	732	P. SMITH	8-254-08	756	M. HENKENHAF	8-264-03
86	S. HARPER	8-100	89	B. POLLOCK	8-102-01	95	R. WRIGHT	8-110	702	M. FINOS	8-238	734	A. POLLOCK	8-254-07	758	M. HENKENHAF	8-264-02
	S. HARPER	8-102-02	90	E. MYRICK	8-104	95-2	A. POLLOCK	8-109-01	704	M. FINOS	8-238-01	736	L. CASCIANO	8-254-06	760	F. WIGGERMANN	8-265-01
87	T. ALTON	8-101	90-2	T. GARDNER	8-103-01	96	M. CLARK	8-111	710	T. BROWN	8-236-10	738	M. WALDEN	8-254-03	762	A. BICK	8-265-01
88	M. BEVERIDGE	8-102	90-3	R. BLACK	8-236-04	97	T. CLARK	8-112	712	P. McDONALD	8-236-14	740	D. DAHMER	8-262-07	764	B. MOORE	8-265-03
89	R. OUTERBRIDGE	8-103	91	E. MYRICK	8-105-01	98	S. GANCEVICH	8-113	714	C. BOTDEN	8-236-18	742	G. McDONALD	8-262-06	766	G. WILHELM	8-265-04
			92	J. JEFFREYS	8-106	99	T. FARELL	8-114	716	K. BOTDEN	8-236-22	744	K. MELDRUM	8-262-05	768	R. CUADRA	8-265-05
									718	G. JOHANNES	8-236-26				770	E. BUSHELL	8-265-06



HURON WARD

BRUCE BEACH MUNICIPAL DRAIN - PHASE II

Watershed Plan

TOTAL WATERSHED AREA (BRANCH 'A'):
APPROX. 6.1 AC (2.5 HA).

DESIGN STANDARD:
5 YEAR EVENT

LEGEND

- LOT/CONCESSION LINE
- PROPERTY LINE
- MAJOR WATERSHED BOUNDARY
- MINOR WATERSHED BOUNDARY
- BENCHMARK LOCATION
- BENCHMARK No. (E2334)
- BENCHMARK ELEVATION
- LANDOWNER NAME(S)
- ASSESSMENT ROLL No. (ABBREVIATED)
- AREA WITHIN WATERSHED

EXISTING FEATURES

- OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION
- OVERLAND FLOW PATH

PROPOSED FEATURES

- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION

No.	REVISION	DATE	DATE
2	INFORMATION MEETING	22-02-05	
1	ON-SITE MEETING	21-06-17	



DRAWN BY: R.U.	DESIGNED BY: M.T.	CHECKED BY: S.B.
DATE: 2022-02-05	REFERENCE No. HK-002	DRAWING No. 1 OF 5

Watershed & Design Standard – Branch 'A'



SCHEDULE OF OWNERSHIP

No.	NAME	ROLL No.	No.	NAME	ROLL No.	No.	NAME	ROLL No.	No.	NAME	ROLL No.	No.	NAME	ROLL No.
CONCESSION 8														
298	D. WILLOUGHBY	8-098	84	M. RIEKENBRAUCK	8-236-01	93	G. INGHAM	8-107	100	B. CLARK	8-115	720	J. CARBONE	8-236-30
	D. WILLOUGHBY	8-098-01	86	D. EDWARDS	8-236-02	93-2	H. MOORE	8-108	101	R. MAC GREGOR	8-116	722	J. ELLIOT	8-236-34
	D. WILLOUGHBY	8-098-02	87	S. HARPER	8-100-01	93-3	J. PAYNTER	8-108-02				724	J. ELLIOT	8-236-38
MARTYN LANE														
85	D. POST	8-099	88	B. SUTTER	8-236-03	94	C. WOOLFORD	8-109	LAKE RANGE DRIVE			728	N. MORRIS	8-253-01
	D. POST	8-099-01	88-2	L. BENHAM	8-101-01	94-2	H. MOORE	8-237-01	702	M. FINOS	8-238	730	D. BELL	8-254-09
	S. HARPER	8-100	89	B. POLLOCK	8-102-01	95	R. WRIGHT	8-110	704	M. FINOS	8-238-01	732	P. SMITH	8-254-08
	S. HARPER	8-102-02	90	E. MYRICK	8-104	95-2	A. POLLOCK	8-109-01	706	A. MCWEEN	8-239	734	A. POLLOCK	8-254-07
87	T. ALTON	8-101	90-2	T. GARDNER	8-103-01	96	M. CLARK	8-111	710	T. BROWN	8-236-10	736	L. CASCIANO	8-254-06
88	M. BEVERIDGE	8-102	90-3	R. BLACK	8-236-04	97	M. CLARK	8-111-01	712	P. McDONALD	8-236-14	738	M. WALDEN	8-254-03
89	R. OUTERBRIDGE	8-103		E. MYRICK	8-105-01	98	T. CLARK	8-112	714	C. BOTDEN	8-236-18	740	D. DAHMER	8-262-07
				B. MACLENNAN	8-105	98	S. GANCEVICH	8-113	716	K. BOTDEN	8-236-22	742	G. McDONALD	8-262-06
				J. JEFFREYS	8-106	99	T. FARELL	8-114	718	G. JOHANNES	8-236-26	744	K. MELDRUM	8-262-05
												746	M. SAPIRO	8-262-04
												748	W. LANDECK	8-262-03
												750	G. RUTLEDGE	8-262-02
												752	D. JEWETT	8-262-01
												754	J. MORTON	8-264
												756	M. HENKENHAF	8-264-03
												758	M. HENKENHAF	8-264-02
												760	F. WIGGERMANN	8-264-01
												762	A. BICK	8-265-01
												764	B. MOORE	8-265-03
												766	G. WILHELM	8-265-04
												768	R. CUADRA	8-265-05
												770	E. BUSHELL	8-265-06



HURON WARD

BRUCE BEACH MUNICIPAL DRAIN - PHASE II

Area of Work Plan

**TOTAL WATERSHED AREA (BRANCH 'A'):
APPROX. 6.1 AC (2.5 HA).**

**DESIGN STANDARD:
5 YEAR EVENT**

LEGEND

- LOT/CONDESSION LINE
- PROPERTY LINE
- MAJOR WATERSHED BOUNDARY
- MINOR WATERSHED BOUNDARY
- BENCHMARK LOCATION
- BENCHMARK No.
- BENCHMARK ELEVATION
- LANDOWNER NAME(S)
- ASSESSMENT ROLL No. (ABBREVIATED)
- AREA WITHIN WATERSHED

EXISTING FEATURES

- OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION
- OVERLAND FLOW PATH

PROPOSED FEATURES

- DRAIN NAME
- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION

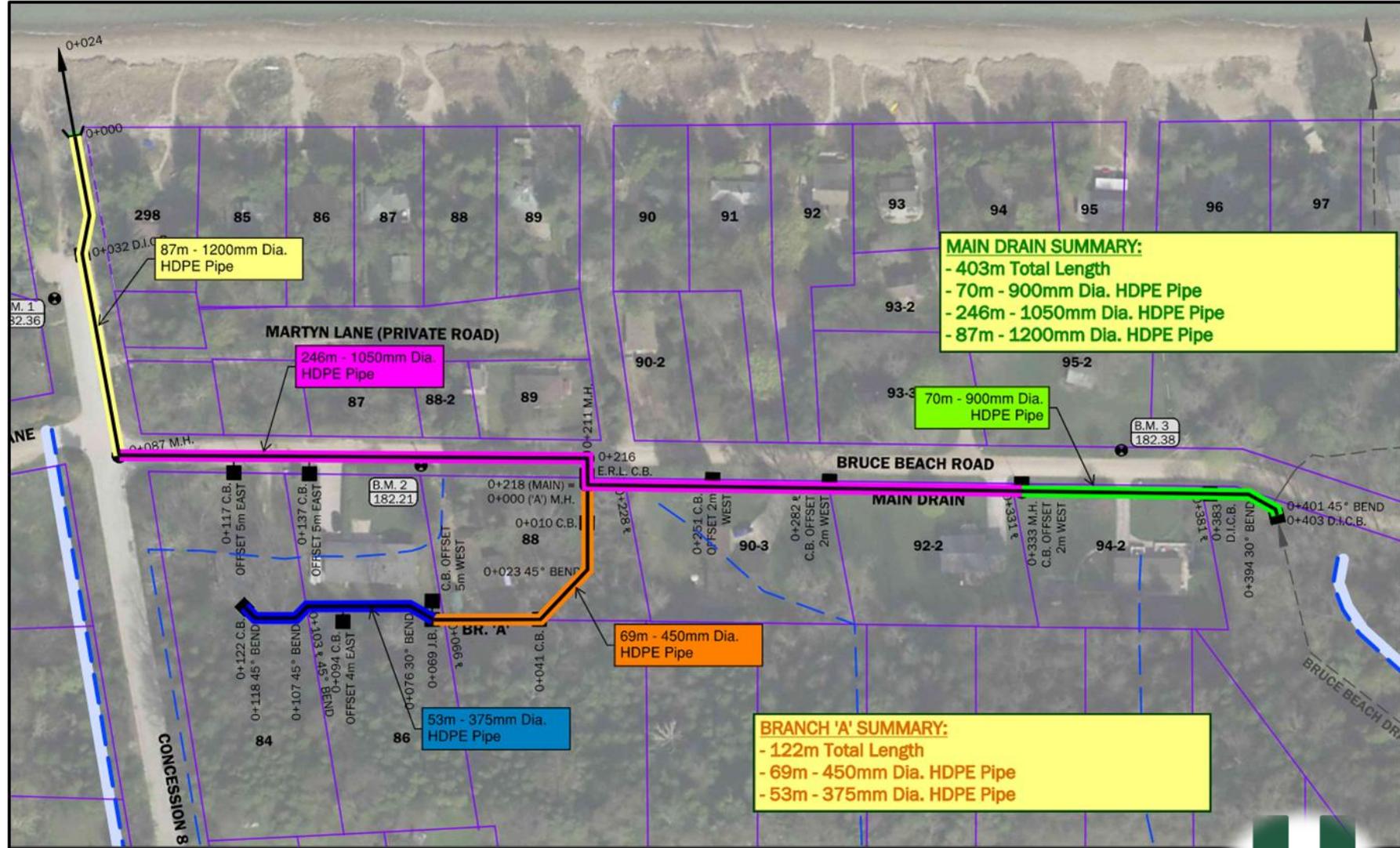
2	INFORMATION MEETING	22-02-05			
1	ON-SITE MEETING	21-06-17			
No.	REVISION	DATE			



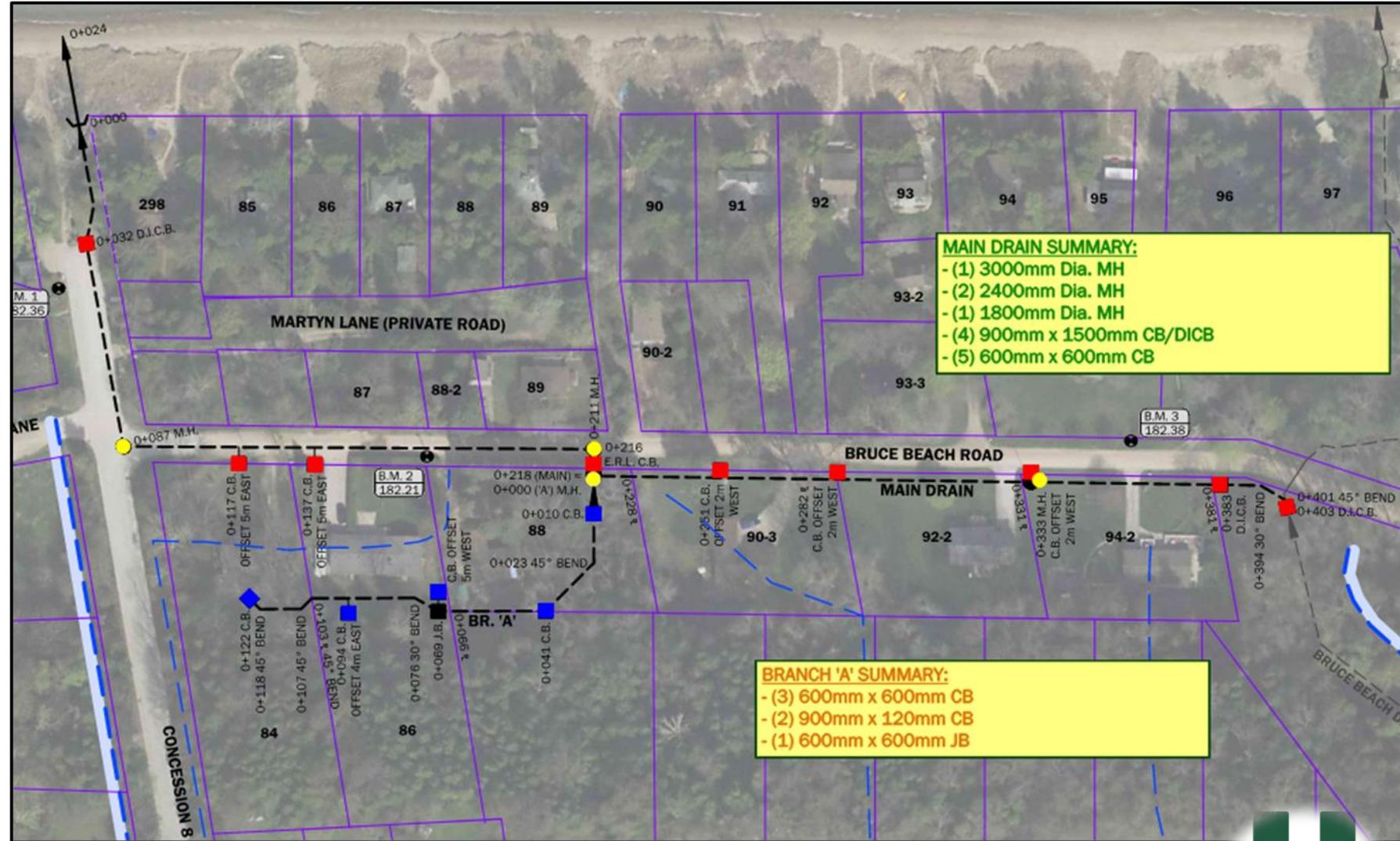
Headway Engineering

DRAWN BY: R.U.	DESIGNED BY: M.T.	CHECKED BY: S.B.
DATE: 2022-02-05	REFERENCE No. HK-002	DRAWING No. 2 OF 5

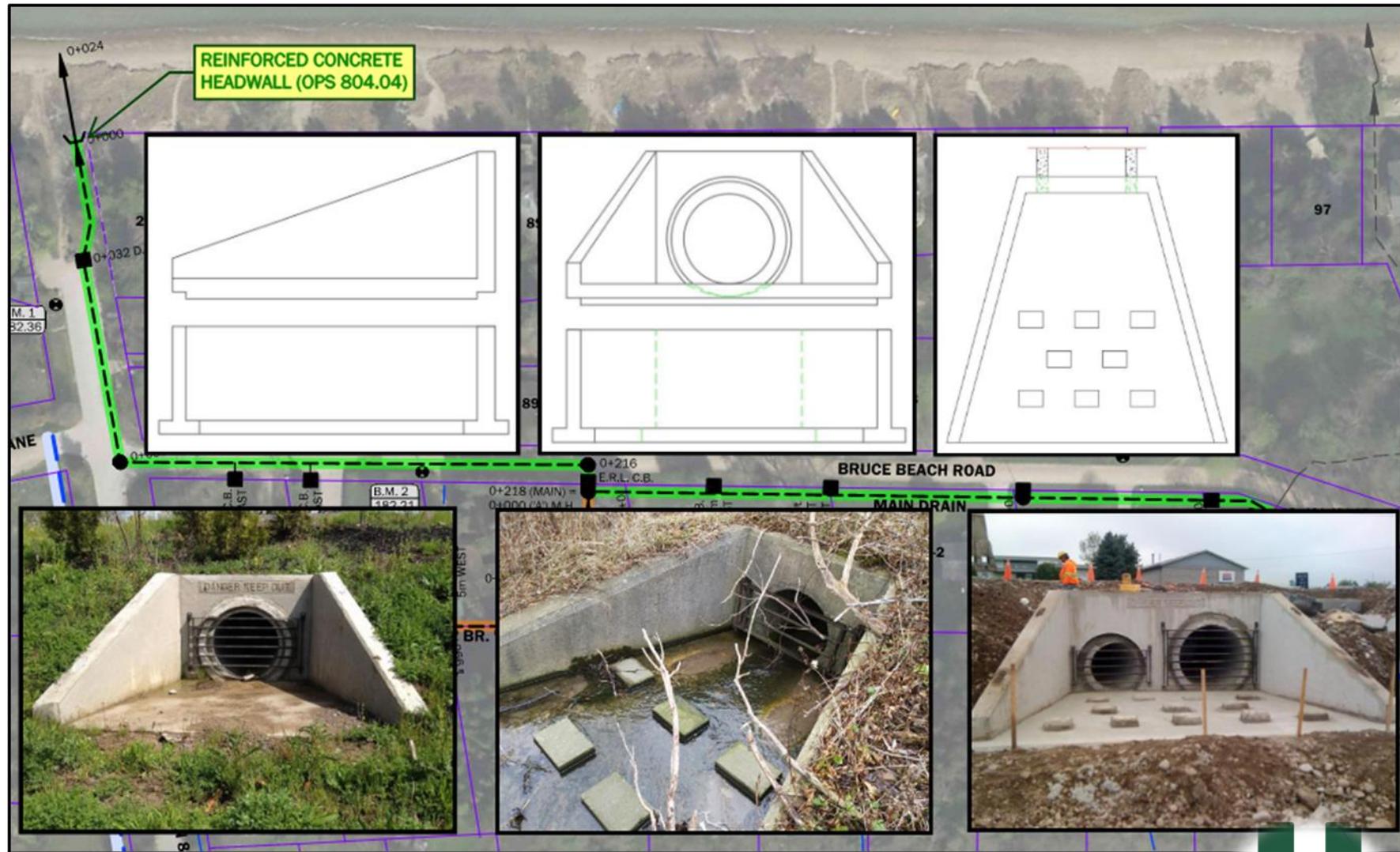
Drainage System Pipe Sizes



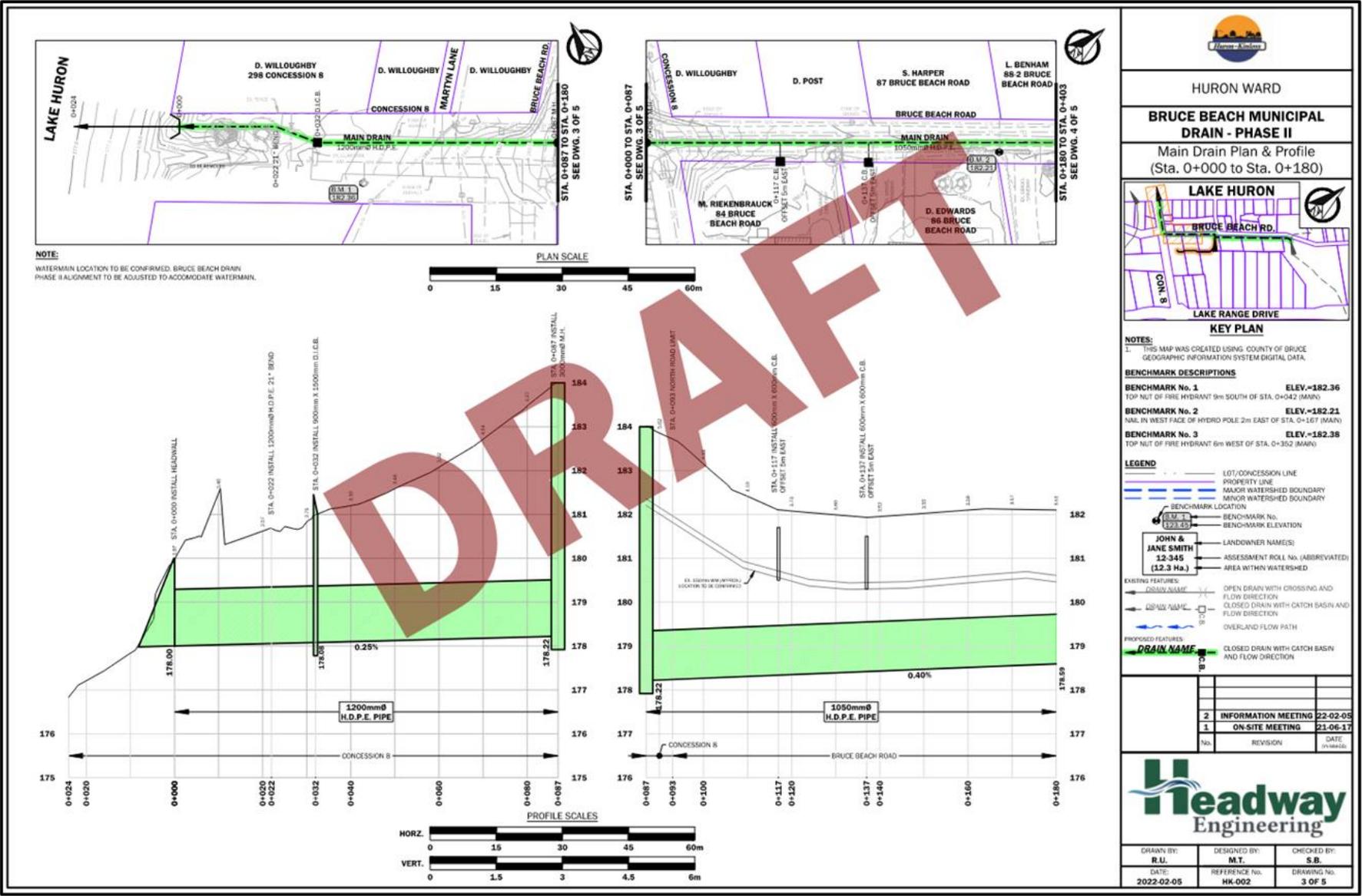
Manholes, Catch Basins & Junction Boxes



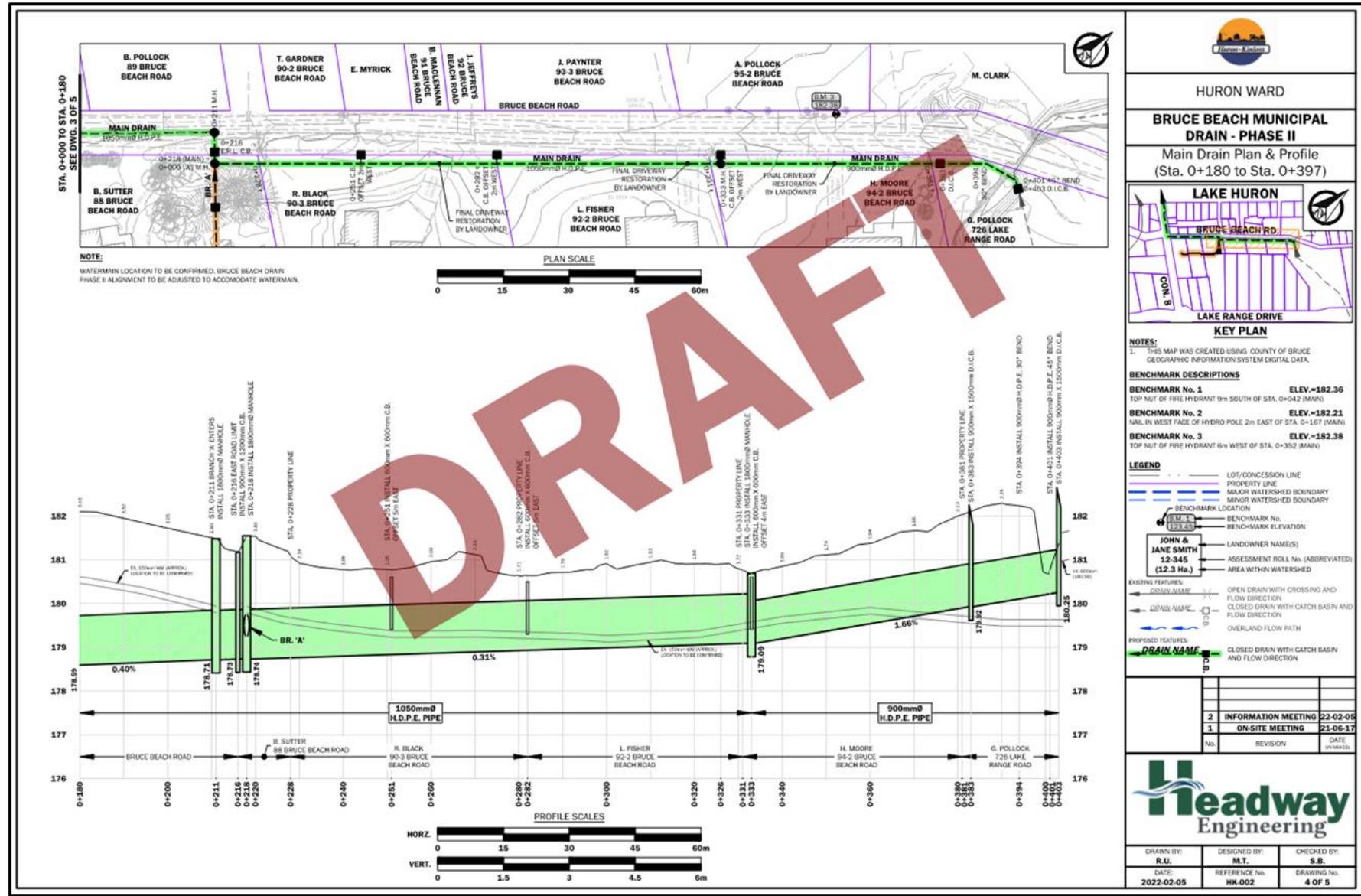
Main Drain Outlet Structure



Main Drain Profile (0+000 - 0+180)



Main Drain Profile (0+180 - 0+403)



Huron
Huron Ward

BRUCE BEACH MUNICIPAL DRAIN - PHASE II
Main Drain Plan & Profile (Sta. 0+180 to Sta. 0+397)

LAKE HURON KEY PLAN

NOTES:
1. THIS MAP WAS CREATED USING COUNTY OF BRUCE GEOGRAPHIC INFORMATION SYSTEM DIGITAL DATA.

BENCHMARK DESCRIPTIONS

BENCHMARK No. 1	ELEV.=182.36
TOP NUT OF FIRE HYDRANT 9th SOUTH OF STA. 0+042 (MAIN)	
BENCHMARK No. 2	ELEV.=182.21
NAIL IN WEST FACE OF HYDRO POLE 2m EAST OF STA. 0+167 (MAIN)	
BENCHMARK No. 3	ELEV.=182.38
TOP NUT OF FIRE HYDRANT 6th WEST OF STA. 0+352 (MAIN)	

LEGEND

- LOT/CONCESSION LINE
- PROPERTY LINE
- MAJOR WATERSHED BOUNDARY
- MINOR WATERSHED BOUNDARY
- BENCHMARK LOCATION
- LANDOWNER NAME(S)
- ASSESSMENT ROLL No. (ABBREVIATED) (12.3 Ha.)
- AREA WITHIN WATERSHED

EXISTING FEATURES:

- ROAD NAME
- OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION
- OVERLAND FLOW PATH

PROPOSED FEATURES:

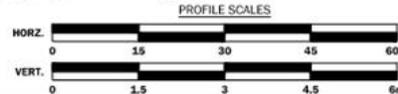
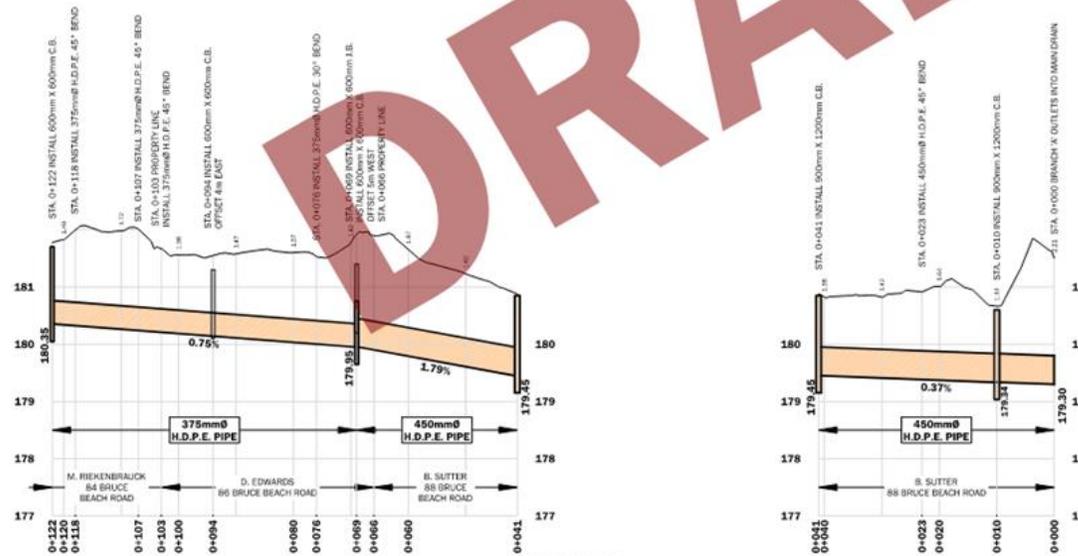
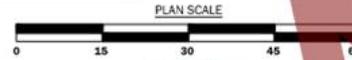
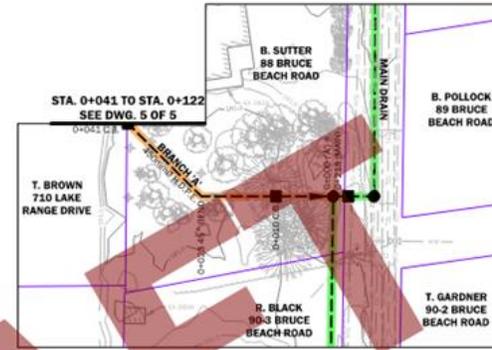
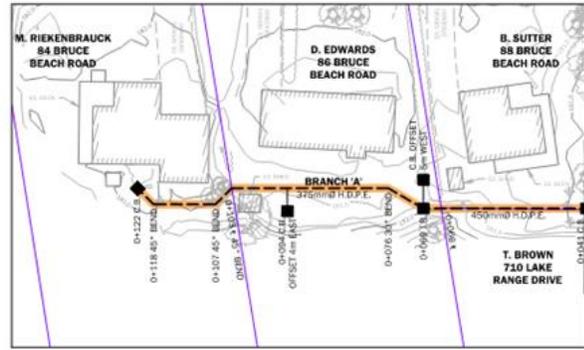
- DRAIN NAME
- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION

2	INFORMATION MEETING	22-02-05
1	ON-SITE MEETING	21-06-17
No.	REVISION	DATE (Y/M/D)

Headway Engineering

DRAWN BY: R.U.	DESIGNED BY: M.T.	CHECKED BY: S.B.
DATE: 2022-02-05	REFERENCE No. HK.002	DRAWING No. 4 OF 5

Branch 'A' Profile (0+000 - 0+122)





HURON WARD

BRUCE BEACH MUNICIPAL DRAIN - PHASE II

Branch 'A' Plan & Profile



KEY PLAN

NOTES:

- THIS MAP WAS CREATED USING COUNTY OF BRUCE GEOGRAPHIC INFORMATION SYSTEM DIGITAL DATA.

BENCHMARK DESCRIPTIONS

BENCHMARK No. 1	TOP NUT OF FIRE HYDRANT 9m SOUTH OF STA. 0+042 (MAIN)	ELEV.=182.36
BENCHMARK No. 2	NAIL IN WEST FACE OF HYDRID POLE 2m EAST OF STA. 0+167 (MAIN)	ELEV.=182.21
BENCHMARK No. 3	TOP NUT OF FIRE HYDRANT 6m WEST OF STA. 0+352 (MAIN)	ELEV.=182.38

LEGEND

- LOT/CONCESSION LINE
- PROPERTY LINE
- MAJOR WATERSHED BOUNDARY
- MINOR WATERSHED BOUNDARY
- BENCHMARK LOCATION
- BENCHMARK No.
- BENCHMARK ELEVATION
- LANDOWNER NAME(S)
- ASSESSMENT ROLL No. (ABBREVIATED)
- AREA WITHIN WATERSHED

EXISTING FEATURES:

- OPEN DRAIN WITH CROSSING AND FLOW DIRECTION
- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION
- OVERLAND FLOW PATH

PROPOSED FEATURES:

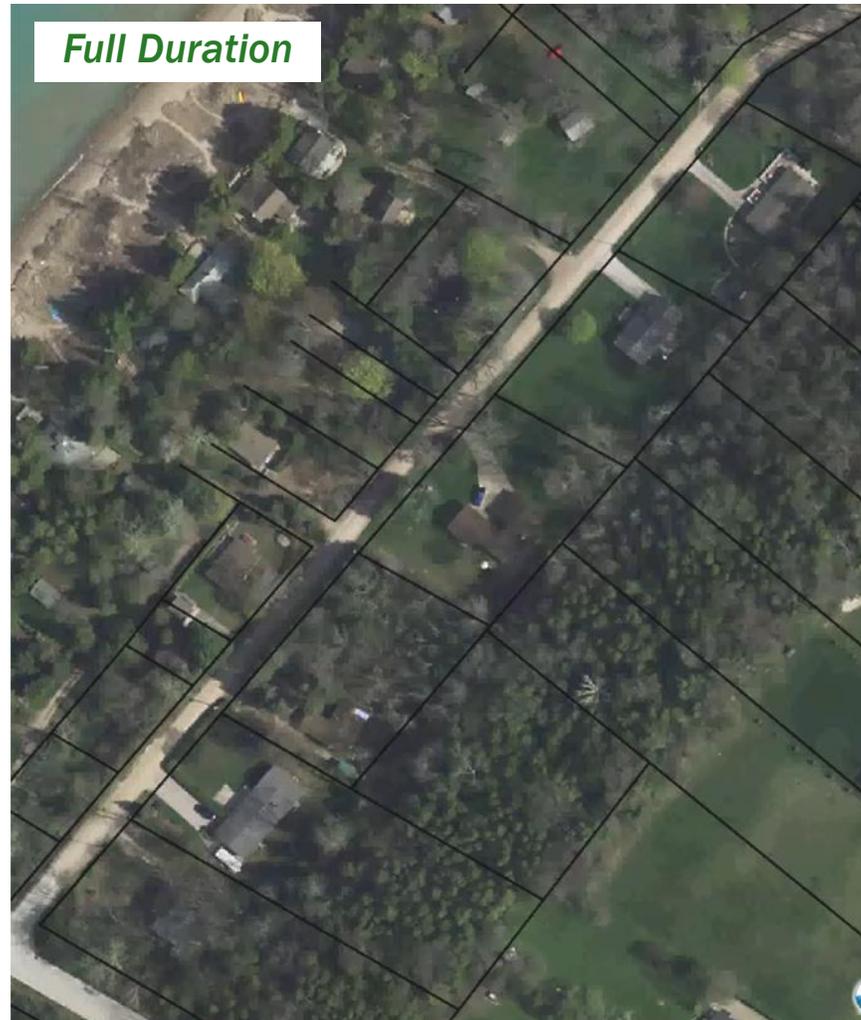
- CLOSED DRAIN WITH CATCH BASIN AND FLOW DIRECTION

No.	REVISION	DATE
2	INFORMATION MEETING	22-02-05
1	ON-SITE MEETING	21-06-17



DRAWN BY: R.U.	DESIGNED BY: M.T.	CHECKED BY: S.B.
DATE: 2022-02-05	REFERENCE No. HK-002	DRAWING No. 5 OF 5

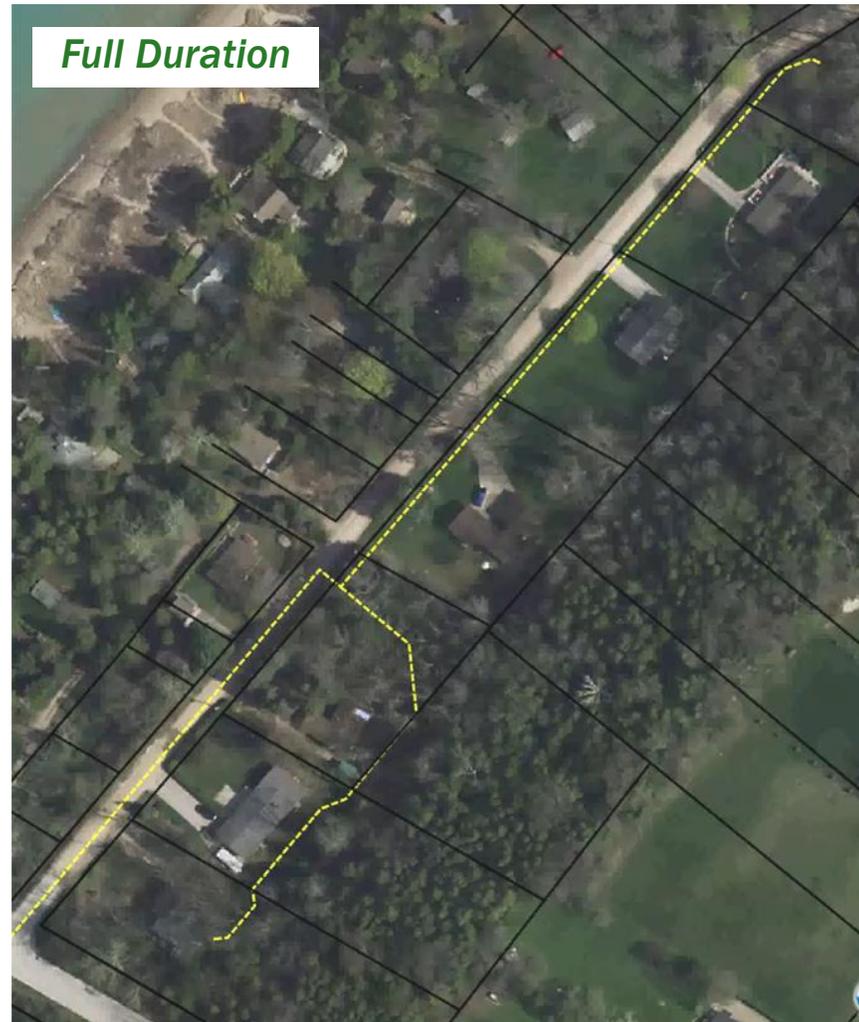
Existing
Model –
100 Year
Event



**Existing
Model – 5
Year Event
(Branch ‘A’)**



Proposed
Model –
100 Year
Event



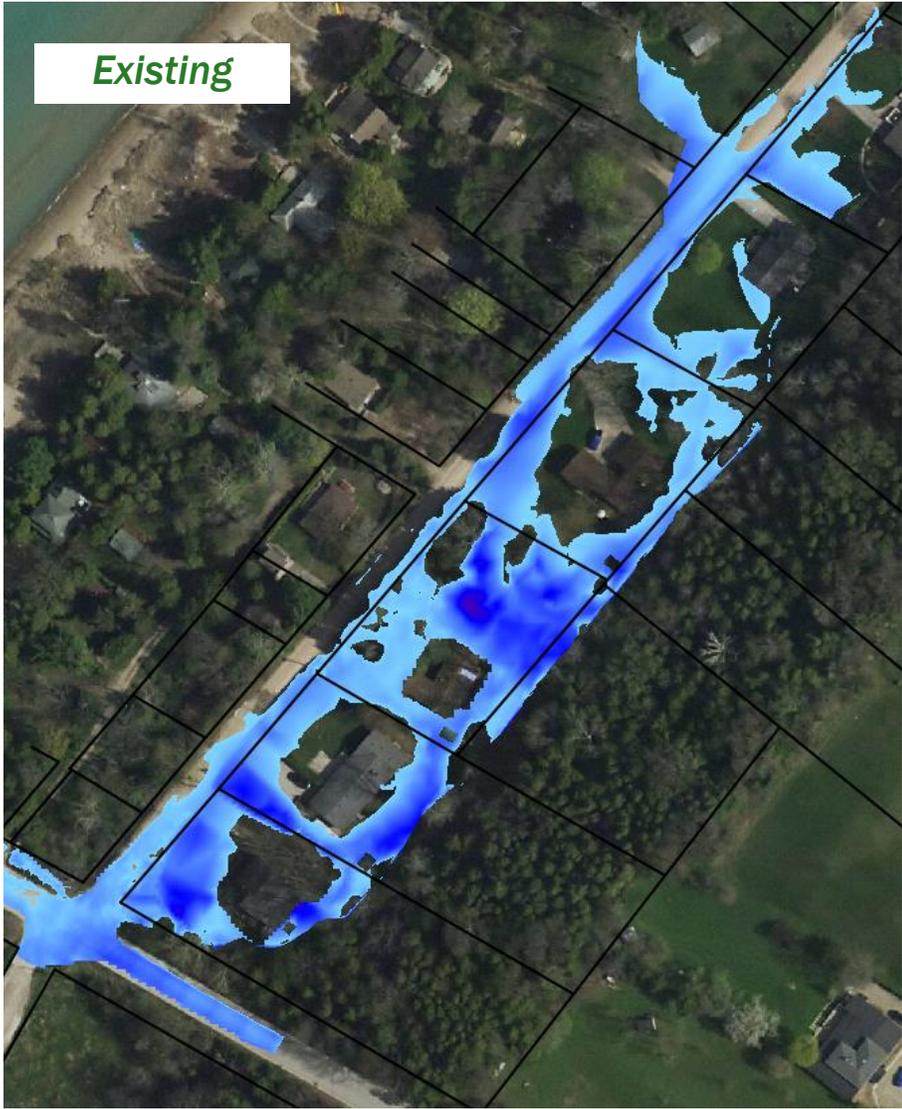
100 Year
Event
Comparison



5 Year Event Comparison



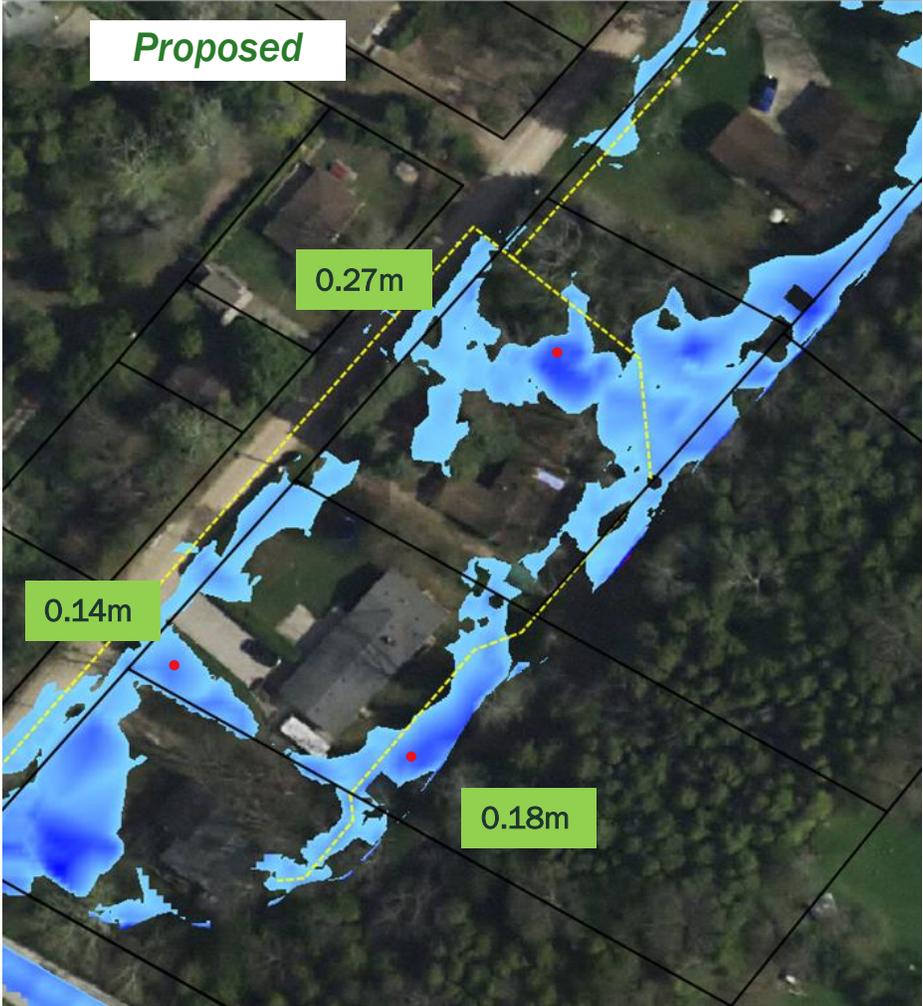
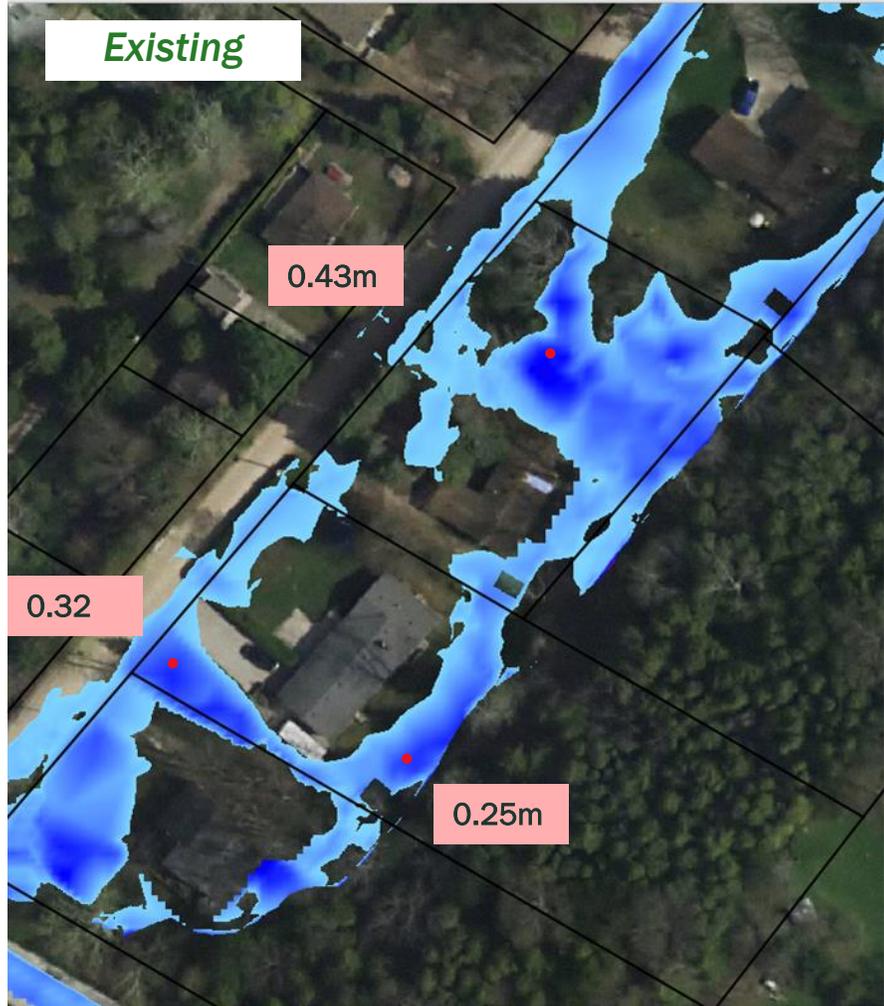
Existing vs
Proposed –
100 Year
Event (Max.
Flooding
Depth)



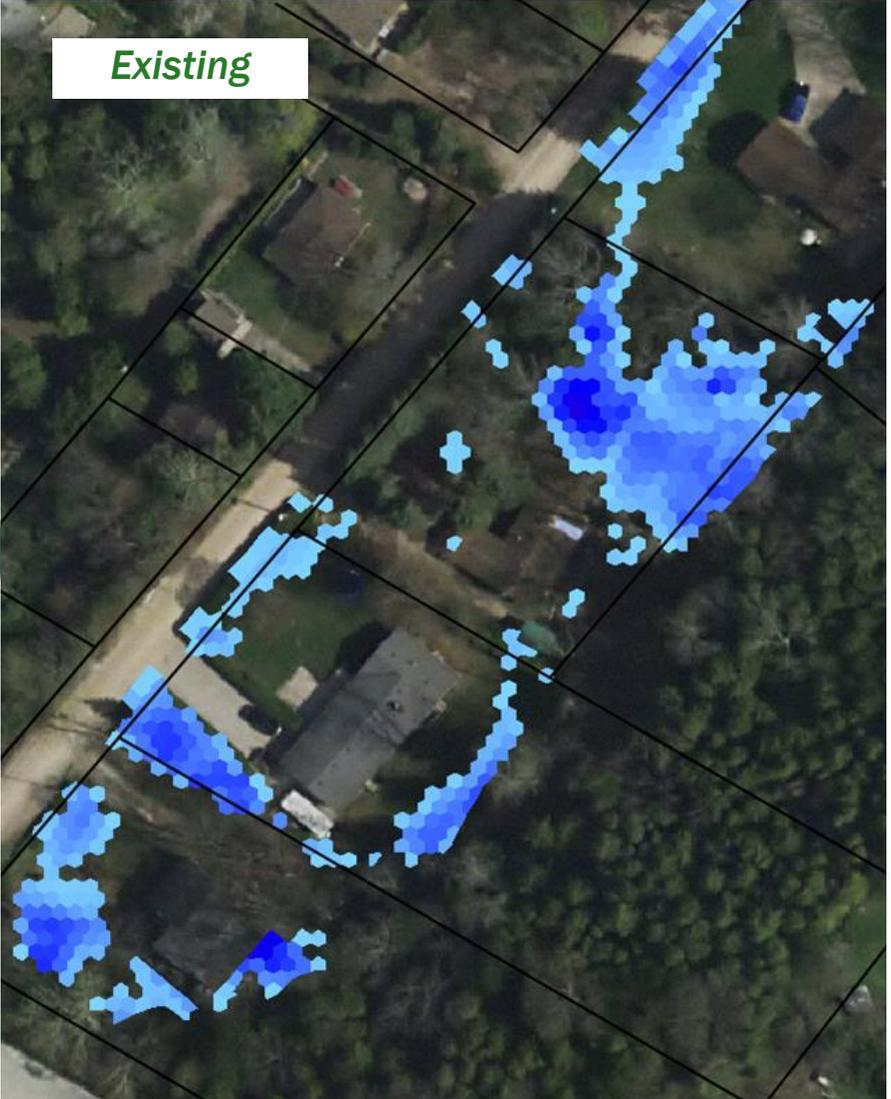
Existing vs
Proposed –
100 Year
Event
(Flooding
after 9hrs)



Existing vs
Proposed – 5
Year Event
(Max.
Flooding
Depth –
Branch ‘A’)



Existing vs
Proposed - 5
Year Event
(Flooding
after 9hrs -
Branch 'A')

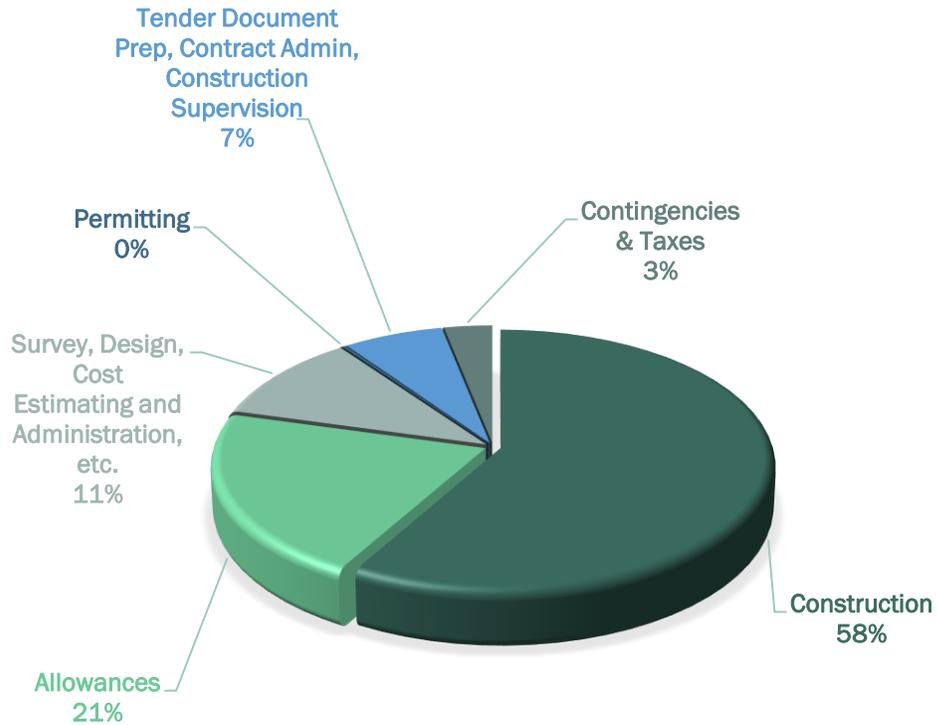


A white calculator is positioned on a document with a circular graphic overlay on the right side. The document contains a table with various numerical entries. The calculator has a large LCD screen and a numeric keypad with function keys like M+, M-, MRC, %, and C. A pen is visible in the background.

Cost Estimate



Cost Estimate

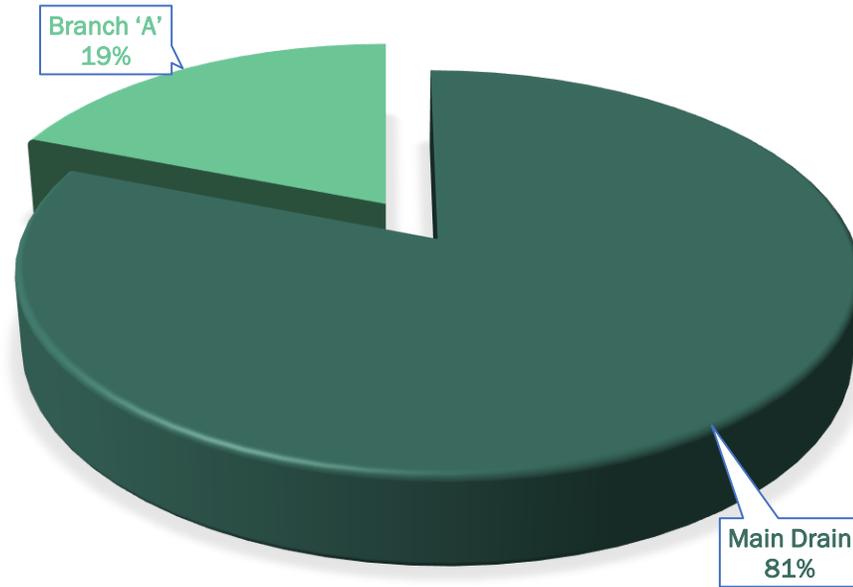


Item	Estimated Costs
Construction	\$564,100
Allowances	\$203,500
Survey, Design, Cost Estimating and Administration, etc.	\$104,100
Permitting	\$2,000
Tender Document Prep, Contract Admin, Construction Supervision	\$63,900
Contingencies & Taxes	\$30,500
Total	\$968,100

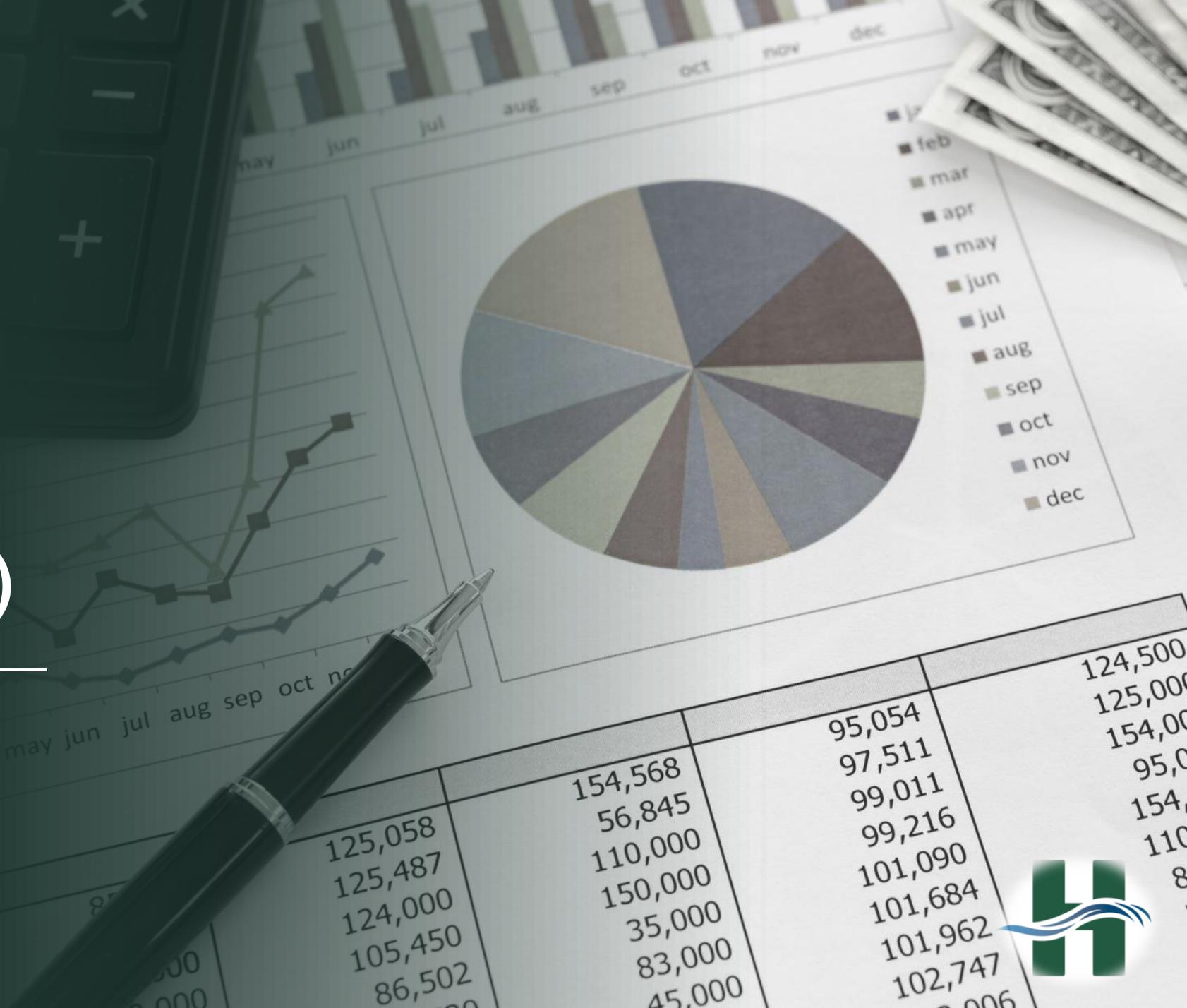


Cost Estimate

Drain Segment	Estimated Costs
Main Drain	\$784,400
Branch 'A'	\$183,700



Assessment (Cost Sharing)



Drainage Act Instruments of Assessment

Section 22 – Benefit Assessment

Section 23(1) – Outlet Liability Assessment

Section 24 – Special Benefit

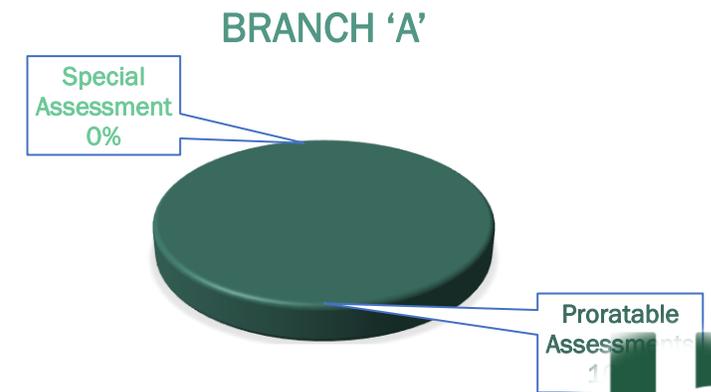
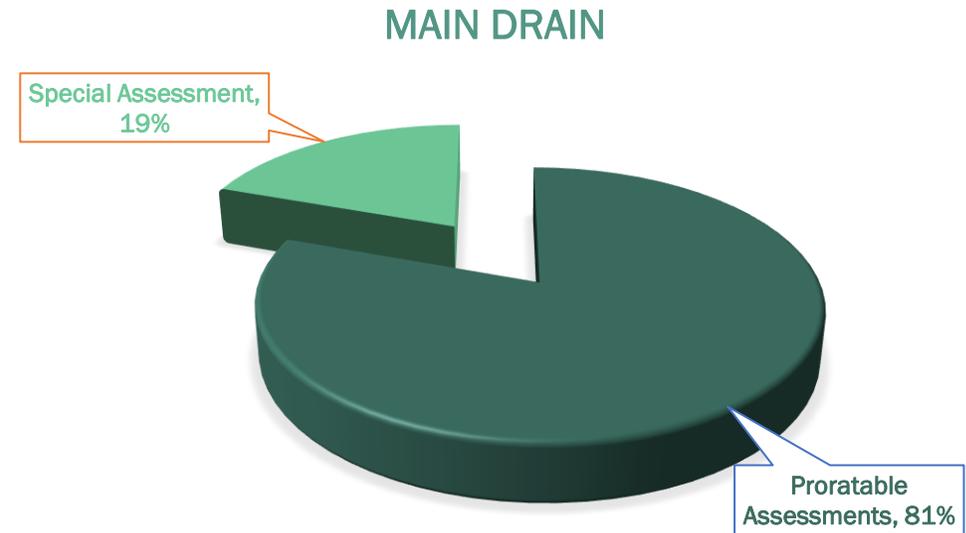
Section 25 – Block Assessment

Section 26 – Special Assessment



Section 26 – Special Assessment

- In addition to all other sums lawfully assessed against the property of a public utility or road authority under this Act, and despite the fact that the public utility or road authority is not otherwise assessable under this Act, the public utility or road authority shall be assessed for and shall pay all the increased cost of such drainage works caused by the existence of the works of the public utility or road authority.



Section 23 – Outlet Liability

- The assessment of Outlet Liability ... shall be based upon the volume and rate of flow of the water artificially caused to flow ...



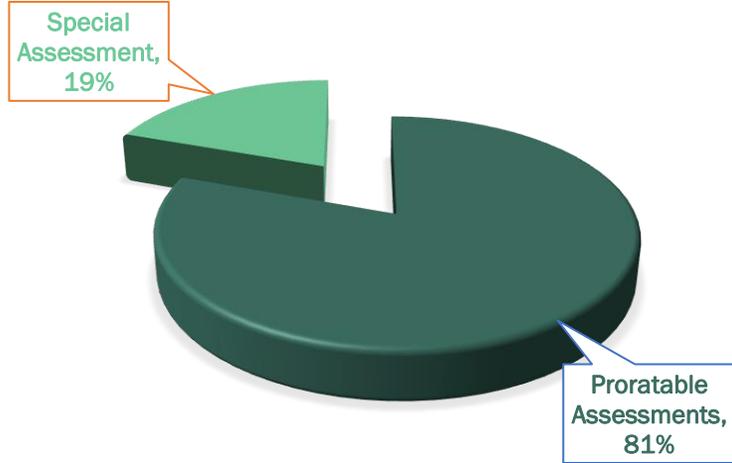
Section 22 – Benefit

- Means the advantages to any lands, roads, buildings or other structures from the construction, improvement, repair or maintenance of a drainage works such as will result in a higher market value or increased crop production or improved appearance or better control of surface or subsurface water, or any other advantages relating to the betterment of lands, roads, buildings or other structures.

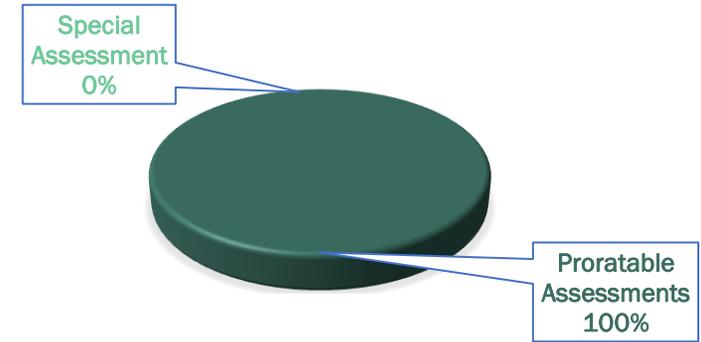


Proratable Assessment (Benefit & Outlet)

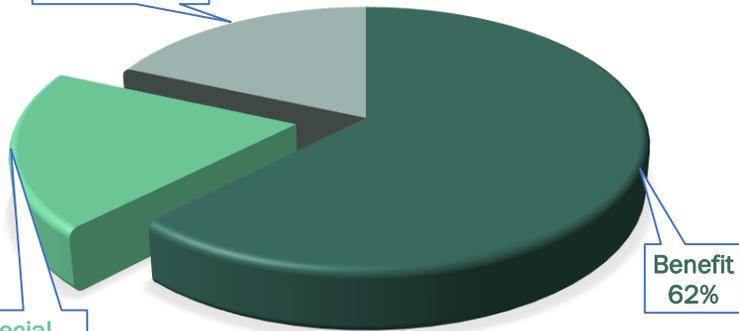
MAIN DRAIN



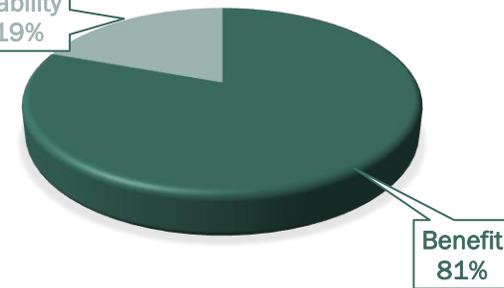
BRANCH 'A'



Outlet Liability
18%



Outlet Liability
19%



Assessment

Schedule C - Total Assessment For Construction Bruce Beach Municipal Drain - Phase II

Property Details					Assessment Summary			For Information		
Lot or Street No.	Con. or Road	Landowner	Roll No.	Approx. Hectares Affected	Main Drain	Branch 'A'	Total Assessment	Less Gov't Grant	Less Allowances	Net Estimated Expense
* 95	BBR	R. Wright	8-110		\$500		\$500			\$500
* 95-2	BBR	A. Pollock	8-109-01		\$5,000		\$5,000			\$5,000
* 96	BBR	M. Clark	8-111		\$1,000		\$1,000			\$1,000
*	BBR	M. Clark	8-111-01		\$9,000		\$9,000			\$9,000
* 97	BBR	T. Clark	8-112		\$13,000		\$13,000			\$13,000
* 98	BBR	S. Gancevich	8-113		\$39,000		\$39,000			\$39,000
* 99	BBR	L. Farrell	8-114		\$700		\$700			\$700
* 100	BBR	B. Clark	8-115		\$500		\$500			\$500
* -	BBR	B. Clark	8-115-01		\$100		\$100			\$100
* 101	BBR	R. Mac Gregor	8-116		\$500		\$500			\$500
* 102	BBR	A. Moffatt	8-117		\$250		\$250			\$250
* 84	BBR	M. Riekenbrauck	8-236-01	0.36	\$6,237	\$33,432	\$39,669		\$15,800	\$23,869
* 86	BBR	D. Edwards	8-236-02	0.35	\$6,244	\$45,988	\$52,232		\$28,800	\$23,432
* 88	BBR	B. Sutter	8-236-03	0.20	\$13,223	\$68,351	\$81,574		\$60,100	\$21,474
* 90-3	BBR	R. Black	8-236-04	0.20	\$34,265	\$12,450	\$46,715		\$34,300	\$12,415
* 92-2	BBR	L. Fischer	8-237	0.18	\$34,265		\$34,265		\$30,400	\$3,865
* 94-2	BBR	H. Moore	8-237-01	0.18	\$34,265		\$34,265		\$31,200	\$3,065
* 702	LRD	M. Finos	8-238	0.17	\$300	\$4,374	\$4,674			\$4,674
* 704	LRD	M. Finos	8-238-01	0.19	\$348	\$3,988	\$4,336			\$4,336
* 706	LRD	A. Mcewen	8-239	0.23	\$460	\$4,245	\$4,705			\$4,705
* 710	LRD	T. Brown	8-236-10	0.51	\$453	\$2,766	\$3,219			\$3,219
* 712	LRD	P. Mcdonald	8-236-14	0.40	\$418	\$836	\$1,254			\$1,254
* 714	LRD	C. Botden	8-236-18	0.40	\$425	\$836	\$1,261			\$1,261
* 716	LRD	K. Botden	8-236-22	0.40	\$578		\$578			\$578



Assessment

Schedule C - Total Assessment For Construction

Bruce Beach Municipal Drain - Phase II

Property Details					Assessment Summary			For Information		
Lot or Street No.	Con. or Road	Landowner	Roll No.	Approx. Hectares Affected	Main Drain	Branch 'A'	Total Assessment	Less Gov't Grant	Less Allowances	Net Estimated Expense
* 718	LRD	G. Johannes	8-236-26	0.40	\$905		\$905			\$905
* 720	LRD	J. Carbone	8-236-30	0.39	\$905		\$905			\$905
* 722	LRD	J. Elliot	8-236-34	0.36	\$1,010		\$1,010			\$1,010
* 724	LRD	J. Elliot	8-236-38	0.27	\$926		\$926			\$926
* 726	LRD	G. Pollock	8-236	1.70	\$2,462		\$2,462		\$2,900	-\$438
* 728	LRD	N. Morris	8-253-01	0.32	\$1,184		\$1,184			\$1,184
* 730	LRD	D. Bell	8-254-09	0.12	\$508		\$508			\$508
* 732	LRD	P. Smith	8-254-08	0.12	\$522		\$522			\$522
* 734	LRD	A. Pollock	8-254-07	0.10	\$439		\$439			\$439
* 736	LRD	L. Casciano	8-254-06	0.11	\$474		\$474			\$474
* 738	LRD	M. Walden	8-254-03	0.13	\$578		\$578			\$578
* 740	LRD	D. Dahmer	8-262-07	0.12	\$508		\$508			\$508
* 742	LRD	G. Mcdonald	8-262-06	0.11	\$453		\$453			\$453
* 744	LRD	K. Meldrum	8-262-05	0.09	\$404		\$404			\$404
* 746	LRD	M. Sapiro	8-262-04	0.09	\$383		\$383			\$383
* 748	LRD	W. Landeck	8-262-03	0.09	\$404		\$404			\$404
* 750	LRD	G. Rutledge	8-262-02	0.10	\$418		\$418			\$418
* 752	LRD	D. Jewett	8-262-01	0.10	\$418		\$418			\$418
* 754	LRD	J. Morton	8-264	0.11	\$488		\$488			\$488
* 756	LRD	M. Henkenhaf	8-264-03	0.11	\$453		\$453			\$453
* 758	LRD	M. Henkenhaf	8-264-02	0.07	\$300		\$300			\$300
* 760	LRD	F. Wiggermann	8-264-01	0.03	\$125		\$125			\$125
* 762	LRD	A. Bick	8-265-01	0.06	\$279		\$279			\$279
* 764	LRD	B. Moore	8-265-03	0.08	\$334		\$334			\$334
* 766	LRD	G. Wilhelm	8-265-04	0.06	\$244		\$244			\$244



Assessment

Schedule C - Total Assessment For Construction Bruce Beach Municipal Drain - Phase II

Property Details					Assessment Summary			For Information		
Lot or Street No.	Con. or Road	Landowner	Roll No.	Approx. Hectares Affected	Main Drain	Branch 'A'	Total Assessment	Less Gov't Grant	Less Allowances	Net Estimated Expense
* 768	LRD	R. Cuadra	8-265-05	0.05	\$209		\$209			\$209
* 770	LRD	E. Bushell	8-265-06	0.04	\$174		\$174			\$174
Pt. 42	CLR	Brucelea Poultry Farms Ltd.	8-240	22.06	\$16,104		\$16,104	\$5,368		\$10,736
* Pt. 42	CLR	Brucelea Poultry Farms Ltd.	8-239-05	2.02	\$961		\$961			\$961
* Pt. 42	CLR	T. Devos	8-240-01	0.46	\$787		\$787			\$787
Pt. 43	CLR	P. Schlegel	8-253	9.37	\$12,092		\$12,092	\$4,031		\$8,061
* Pt. 43	CLR	A. Pollock	8-253-02	0.70	\$1,205		\$1,205			\$1,205
44	CLR	P. Schlegel	8-263	10.68	\$13,784		\$13,784	\$4,595		\$9,189
Pt. 45 & 46	CLR	P. Schlegel	8-265	17.46	\$22,539		\$22,539	\$7,513		\$15,026
Pt. 46 & 47	CLR	P. Schlegel	8-284	21.04	\$27,164		\$27,164	\$9,055		\$18,109
48	CLR	McLarty Farms Ltd.	8-330	8.98	\$11,590		\$11,590	\$3,863		\$7,727
Total Assessment on above Lands					\$322,764	\$177,266	\$500,030	\$34,425	\$203,500	\$262,105
Bruce Beach Road		Township of Huron Kinloss		0.34	\$316,659		\$316,659			\$316,659
Concession 8 Road		Township of Huron Kinloss		1.21	\$129,041	\$6,434	\$135,475			\$135,475
Lake Range Drive		Township of Huron Kinloss		4.86	\$15,936		\$15,936			\$15,936
Total Assessment on above Roads					\$461,636	\$6,434	\$468,070			\$468,070
Total Assessment on Lands and Roads										
Bruce Beach Municipal Drain - Phase II					\$784,400	\$183,700	\$968,100	\$34,425	\$203,500	\$730,175



Next Steps

Appointment of an Engineer – Complete

Onsite Meeting– Complete

Survey – Complete

Drafting

Design and Cost Estimating

Public Engagements (Today)

Environmental Consultations

Prepare final Report

Processing the Report – Next Slide

Tendering

Construction

Recover Costs



Processing the Report



Engineer files the report with the Township



Township schedules Meeting to Consider the Report



Township mails a copy of the report, and a Notice of the Meeting to Consider the Report to everybody affected



Meeting to Consider



Township forwards a copy of the provisional by-law to Landowners, along with a notice of the Court of Revision



Appeals Process

Court of Revision – Assessment Based Appeals
Tribunal and Referee (if necessary)



Third Reading of the By-Law



Next Steps

Appointment of an Engineer – Complete

Onsite Meeting– Complete

Survey – Complete

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Public Engagements (Today)

Environmental Consultations

Prepare final Report

Processing the Report – Next Slide

Tendering

Construction

Recover Costs



Questions



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