



MAP BOOK

Open Water Flood Inundation Map Library
Rochester Flood Study

Submitted to:

Alberta Environment and Parks

11th Floor, Oxbridge Place
9820-106 Street NW
Edmonton, AB T5K 2J6

Submitted by:

Golder Associates Ltd.

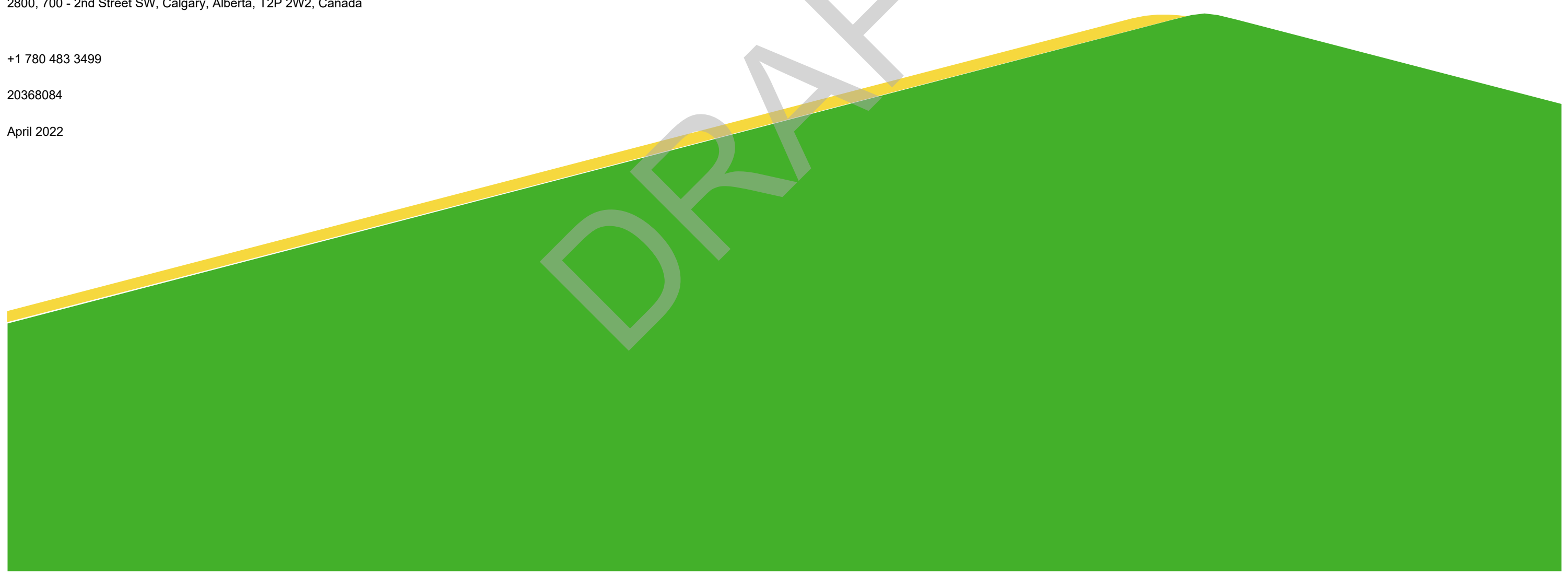
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20368084

April 2022

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Table of Contents

Open Water Flood Inundation Index Map

2-Year Flood Inundation Extent

5-Year Flood Inundation Extent

10-Year Flood Inundation Extent

20-Year Flood Inundation Extent

35-Year Flood Inundation Extent

50-Year Flood Inundation Extent

75-Year Flood Inundation Extent

100-Year Flood Inundation Extent

200-Year Flood Inundation Extent

350-Year Flood Inundation Extent

500-Year Flood Inundation Extent

750-Year Flood Inundation Extent

1,000-Year Flood Inundation Extent

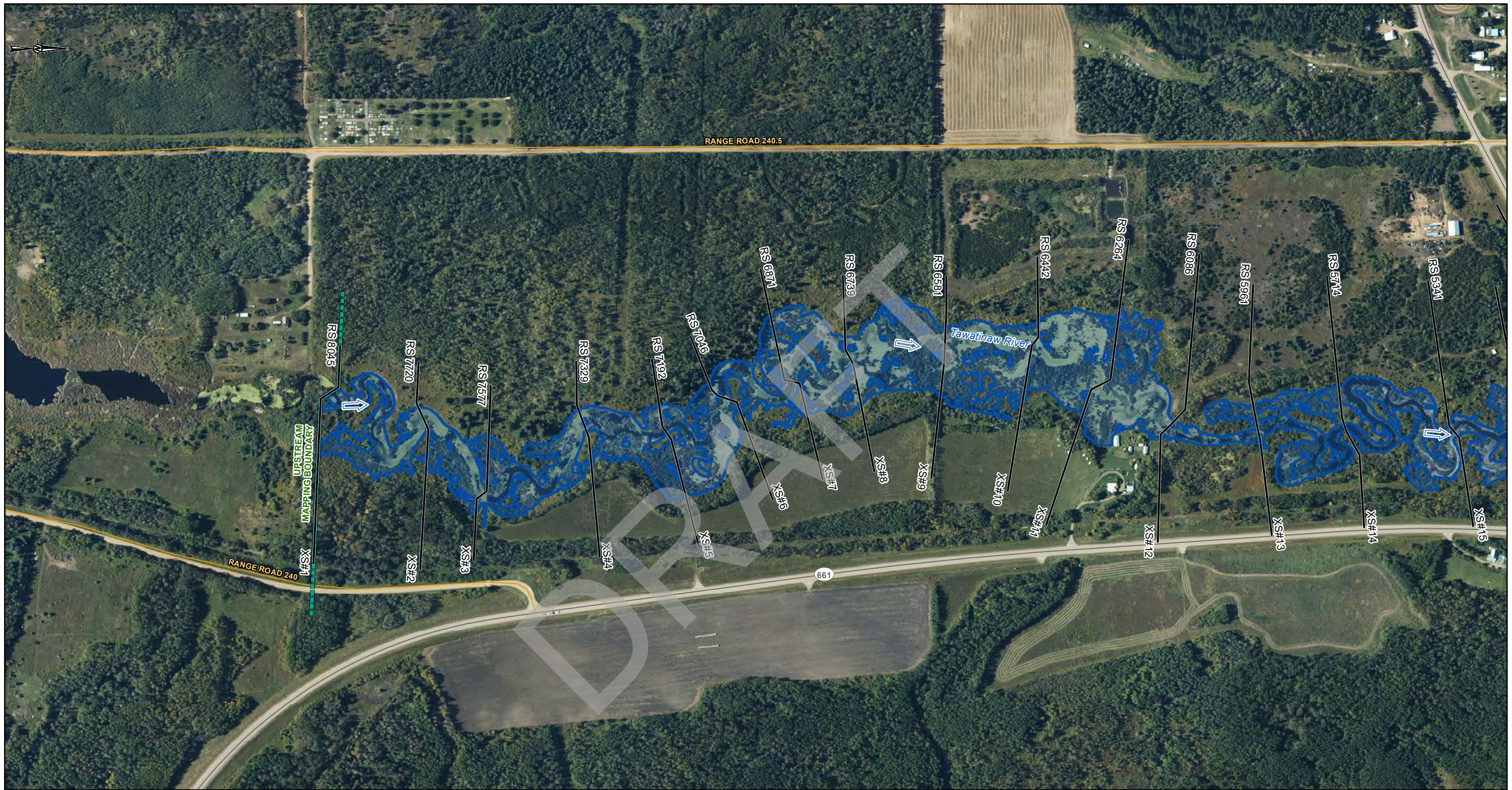
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OPEN WATER FLOOD INUNDATION INDEX MAP

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2-YEAR FLOOD INUNDATION EXTENT

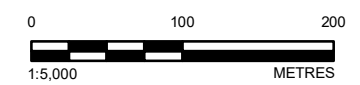
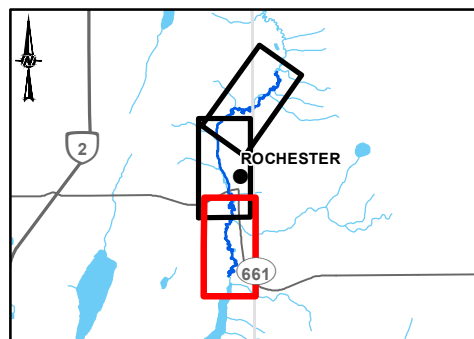
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SHEET 2

I:\CLIENTS\20368084\Maping\Hydro\04_Open Water Flood Inundation Mapping\20368084_2yrInundation_Rev0.mxd PRINTED ON: 2021-10-04 AT: 9:19:04 AM

LEGEND		
— CROSS SECTION	BRIDGE	2-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	CULVERT	2-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)		
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE TAWATINAW RIVER = 6.9 M ³ /S



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PROJECT ROCHESTER FLOOD STUDY	
TITLE 2-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 1 of 3

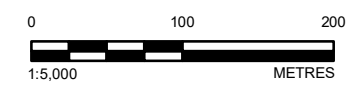
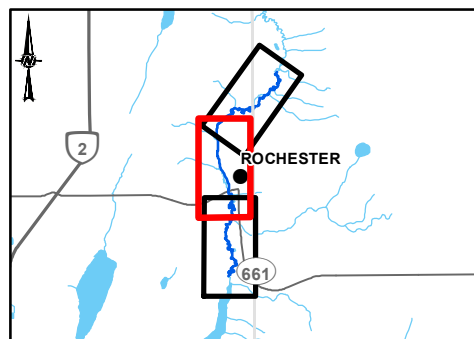
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SHEET 1

SHEET 3

LEGEND	
—	CROSS SECTION
XS#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
—	MAPPING BOUNDARY
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
—	BRIDGE
—	CULVERT
2-YEAR FLOOD INUNDATION EXTENT	
—	2-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 6.9 M ³ /S	



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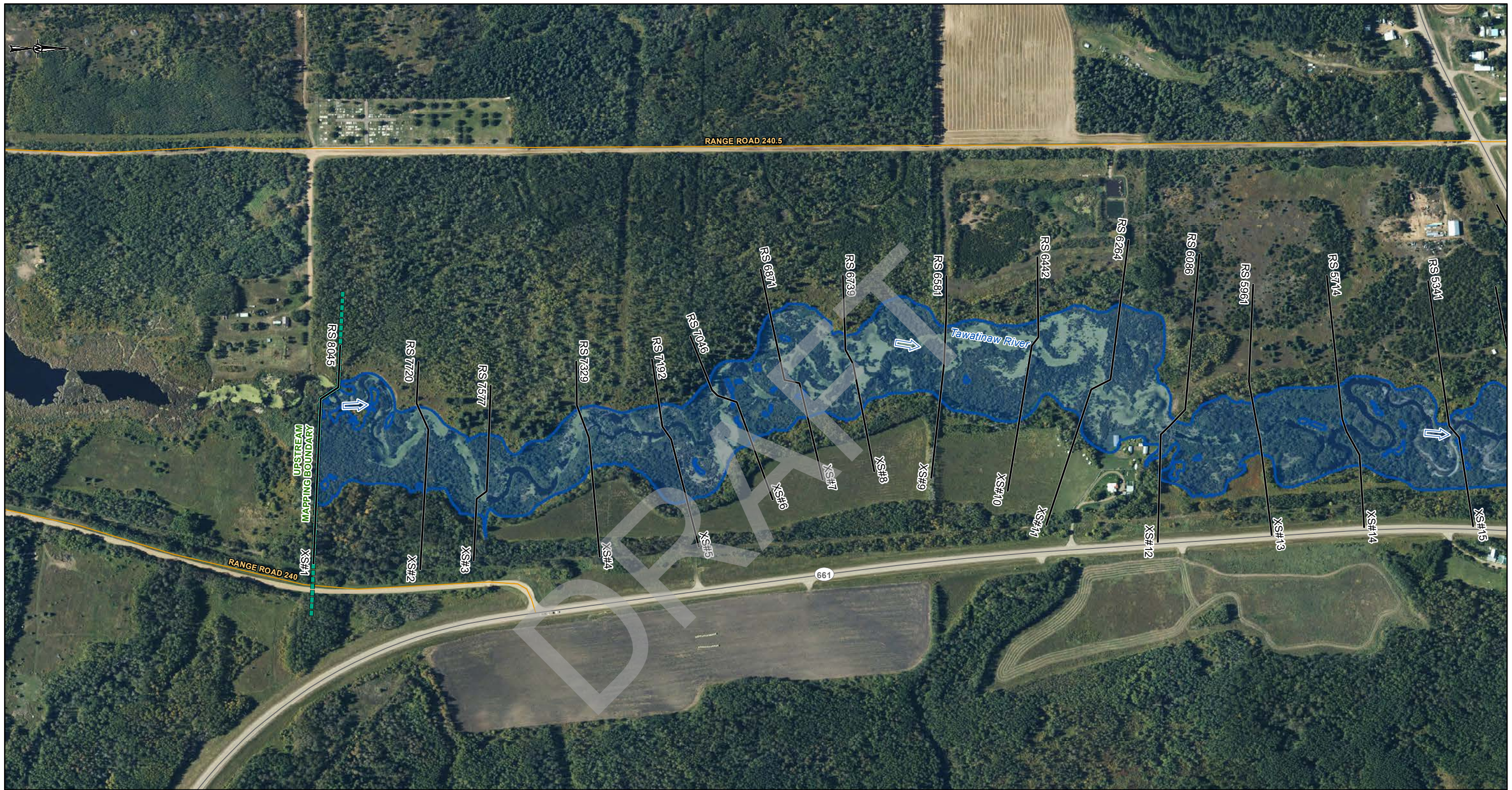
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 2-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 2 of 3

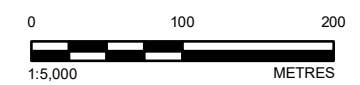
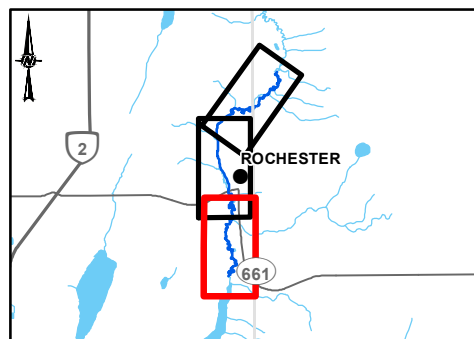
5-YEAR FLOOD INUNDATION EXTENT

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SHEET 2

LEGEND		5-YEAR FLOOD INUNDATION EXTENT
—	CROSS SECTION	5-YEAR FLOOD EXTENT
XS#85	CROSS SECTION NUMBER	
RS 552	RIVER STATION (M)	
	MAPPING BOUNDARY	
	FLOW DIRECTION	
	LOCAL ROAD	
	PRIMARY HIGHWAY	
	SECONDARY HIGHWAY	
HYDRAULIC STRUCTURES		
	BRIDGE	
	CULVERT	
DISCHARGE		
TAWATINAW RIVER = 14.7 M ³ /S		



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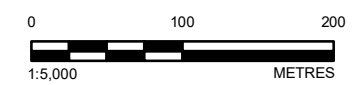
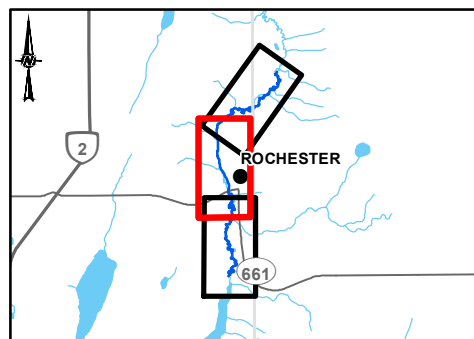
PROJECT		ROCHESTER FLOOD STUDY	
TITLE		5-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO.	CONTROL	REV.	FIGURE
20368084	4000	0	1 of 3



SHEET 1 ↑

↑ SHEET 3

LEGEND	
—	CROSS SECTION
XS#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
—	BRIDGE
◻	CULVERT
5-YEAR FLOOD INUNDATION EXTENT	
■	5-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 14.7 M ³ /S	



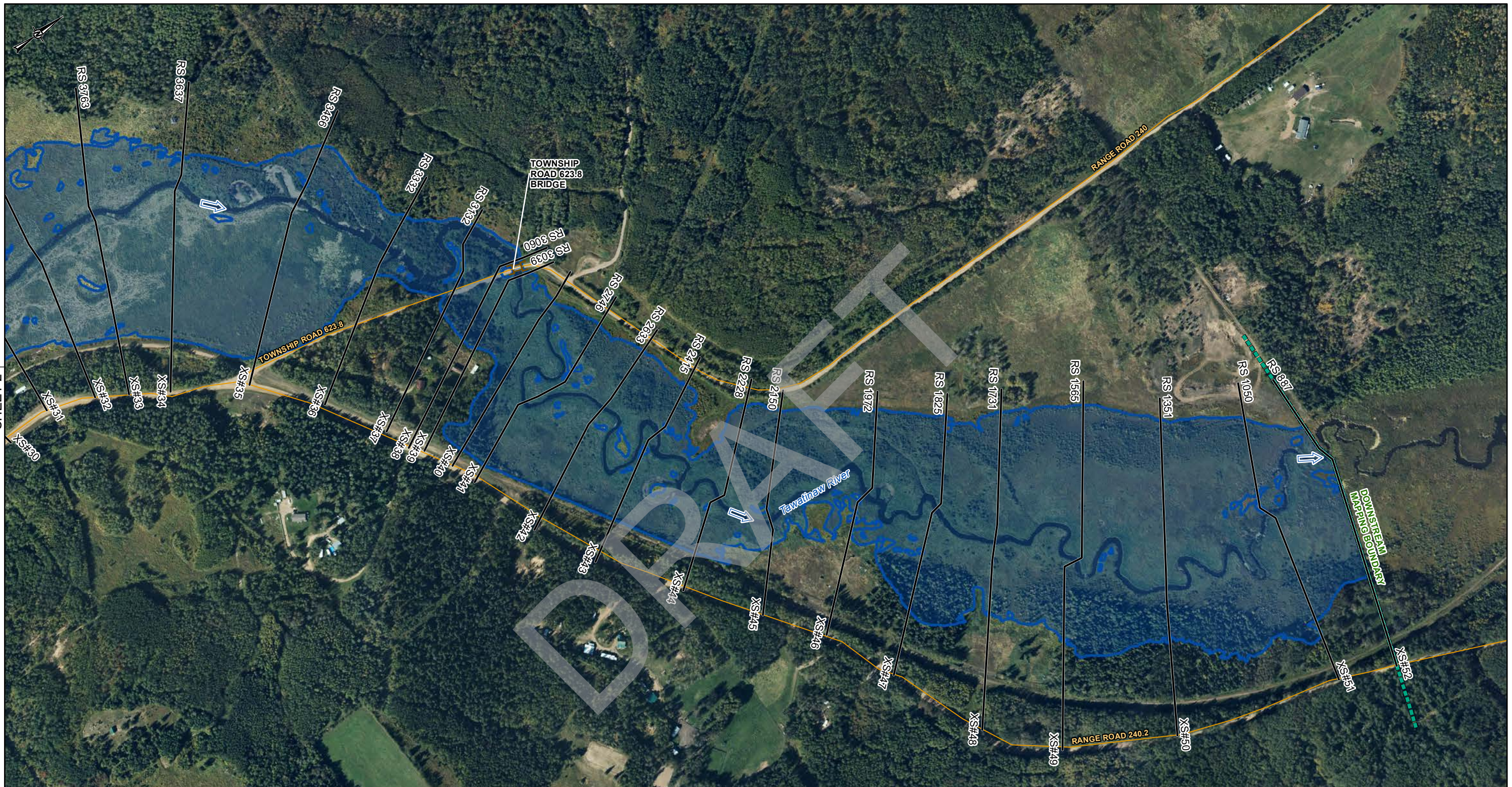
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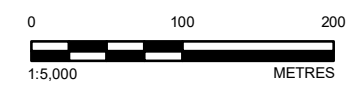
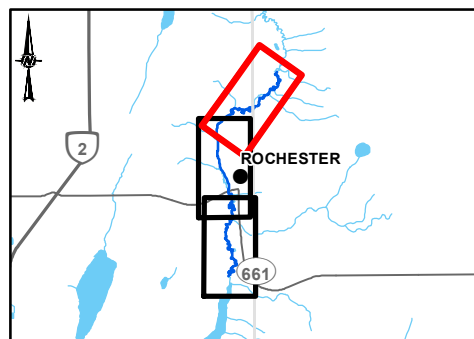
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PROJECT ROCHESTER FLOOD STUDY			
TITLE 5-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 2 of 3



SHEET 2 ↑

LEGEND	CROSS SECTION	HYDRAULIC STRUCTURES	5-YEAR FLOOD INUNDATION EXTENT
—	CROSS SECTION NUMBER	BRIDGE	5-YEAR FLOOD EXTENT
XS#85	CROSS SECTION NUMBER	CULVERT	
RS 552	RIVER STATION (M)		
—	MAPPING BOUNDARY		
→	FLOW DIRECTION		
—	LOCAL ROAD		
—	PRIMARY HIGHWAY		
—	SECONDARY HIGHWAY		
	DISCHARGE		
	TAWATINAW RIVER = 14.7 M ³ /S		



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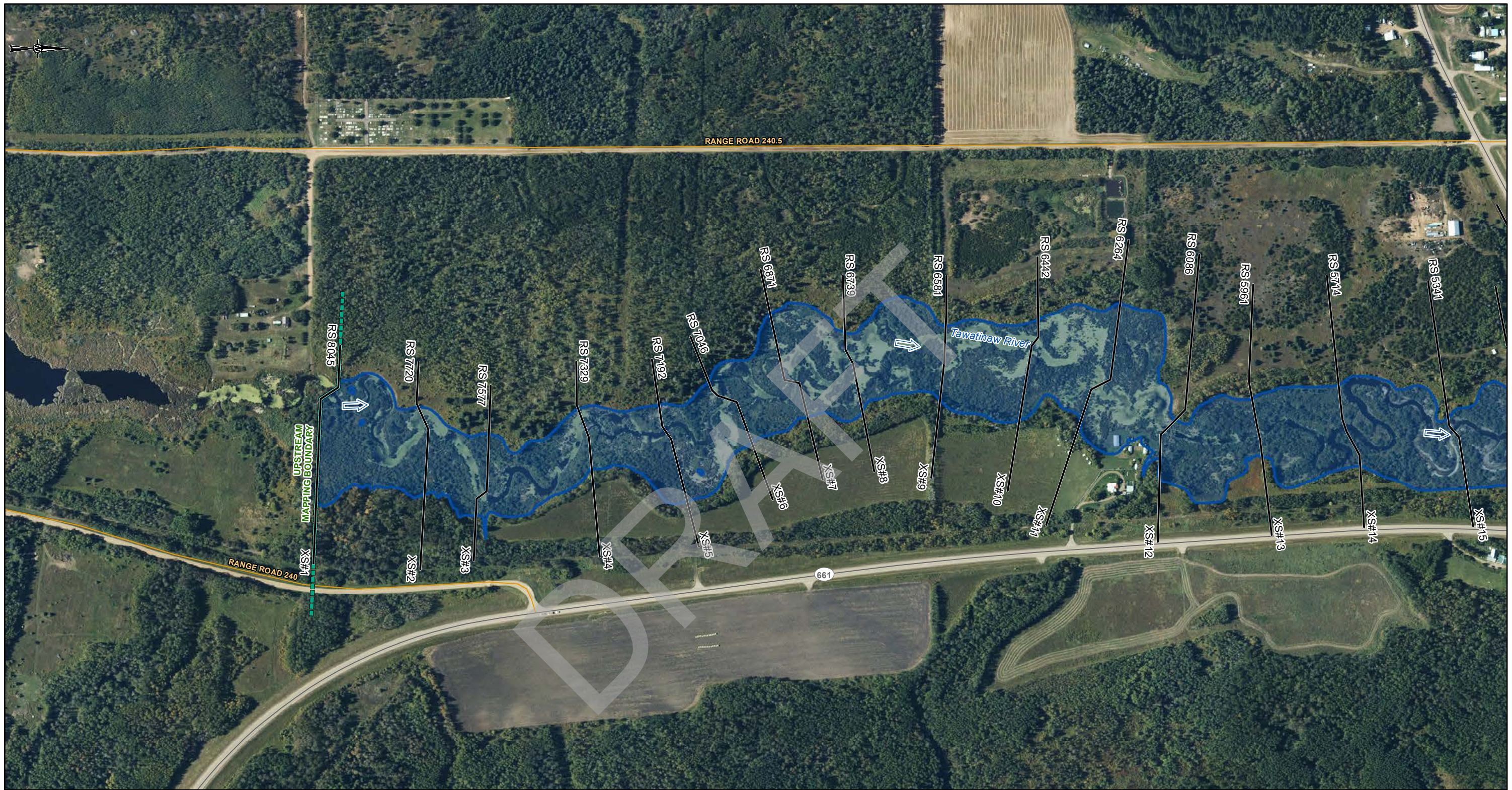
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 5-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 3 of 3

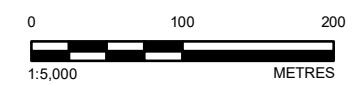
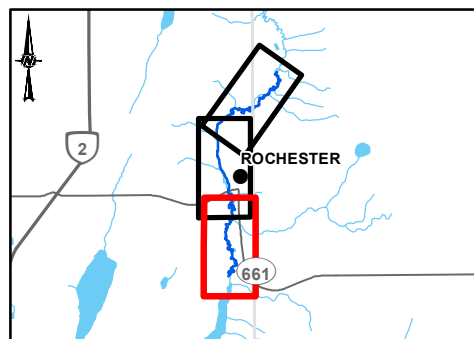
10-YEAR FLOOD INUNDATION EXTENT

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SHEET 2

LEGEND	
	CROSS SECTION
	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
	LOCAL ROAD
	PRIMARY HIGHWAY
	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
	BRIDGE
	CULVERT
10-YEAR FLOOD INUNDATION EXTENT	
	10-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 20.9 M ³ /S	



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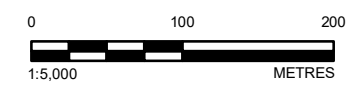
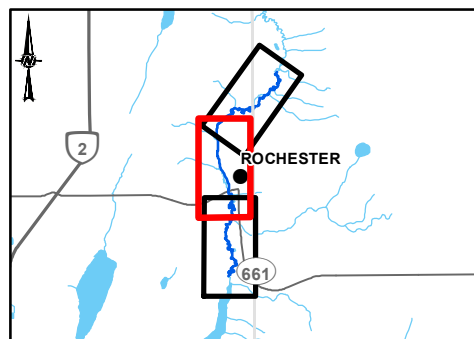
PROJECT ROCHESTER FLOOD STUDY			
TITLE 10-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 1 of 3



SHEET 1 ↑

↑ SHEET 3

LEGEND	
—	CROSS SECTION
XS#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
—	MAPPING BOUNDARY
→	FLOW DIRECTION
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—	PRIMARY HIGHWAY
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HYDRAULIC STRUCTURES	
—	BRIDGE
—	CULVERT
10-YEAR FLOOD INUNDATION EXTENT	
—	10-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 20.9 M ³ /S	



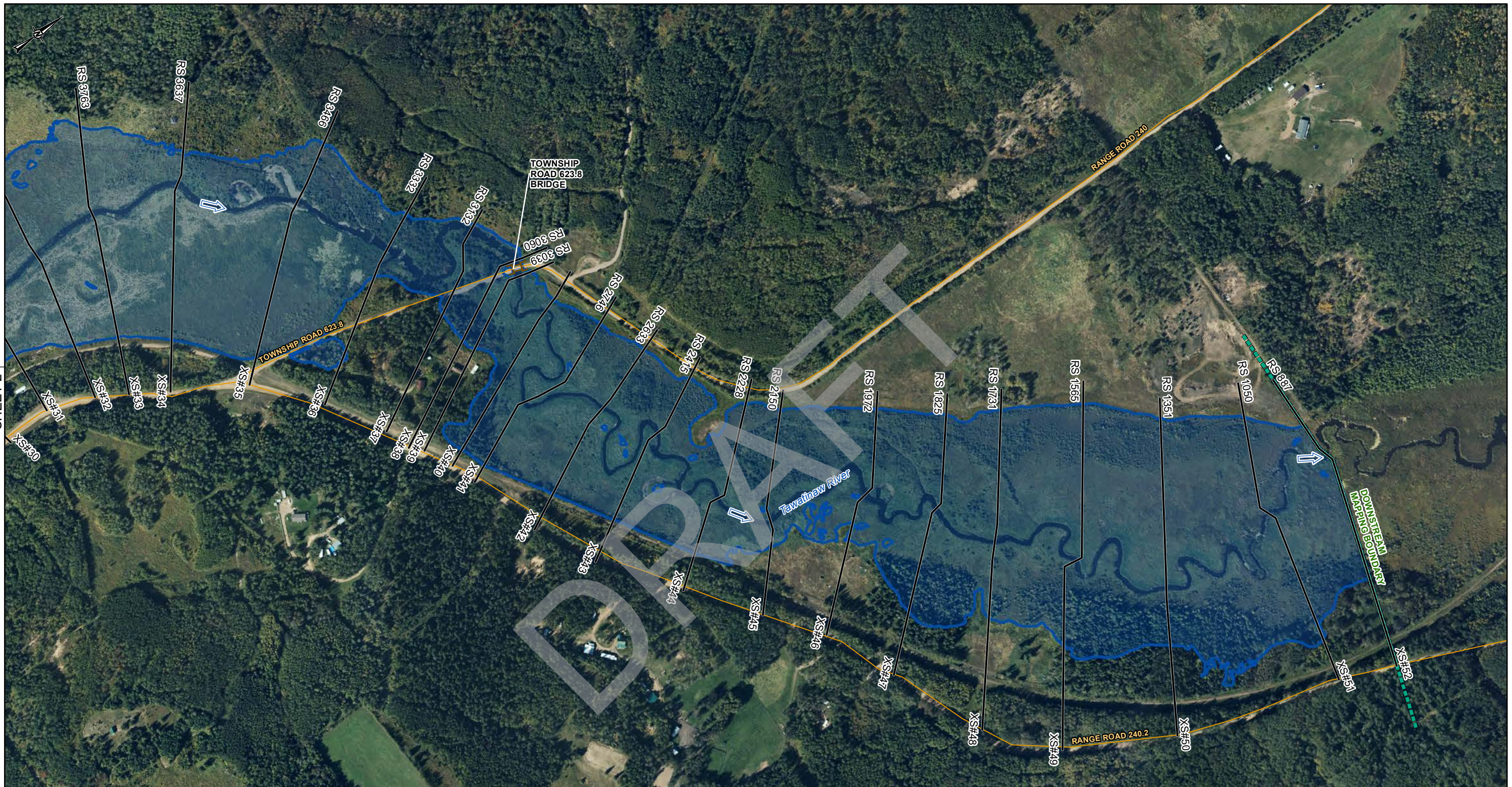
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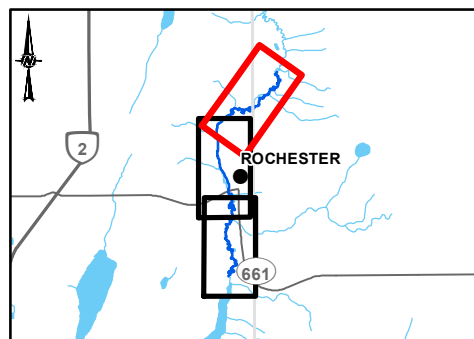
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 10-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 2 of 3



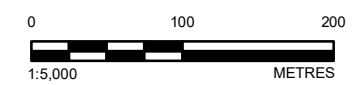
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LEGEND	
—	CROSS SECTION
X#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
—	MAPPING BOUNDARY
→	FLOW DIRECTION
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10-YEAR FLOOD INUNDATION EXTENT	
—	10-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 20.9 M ³ /S	



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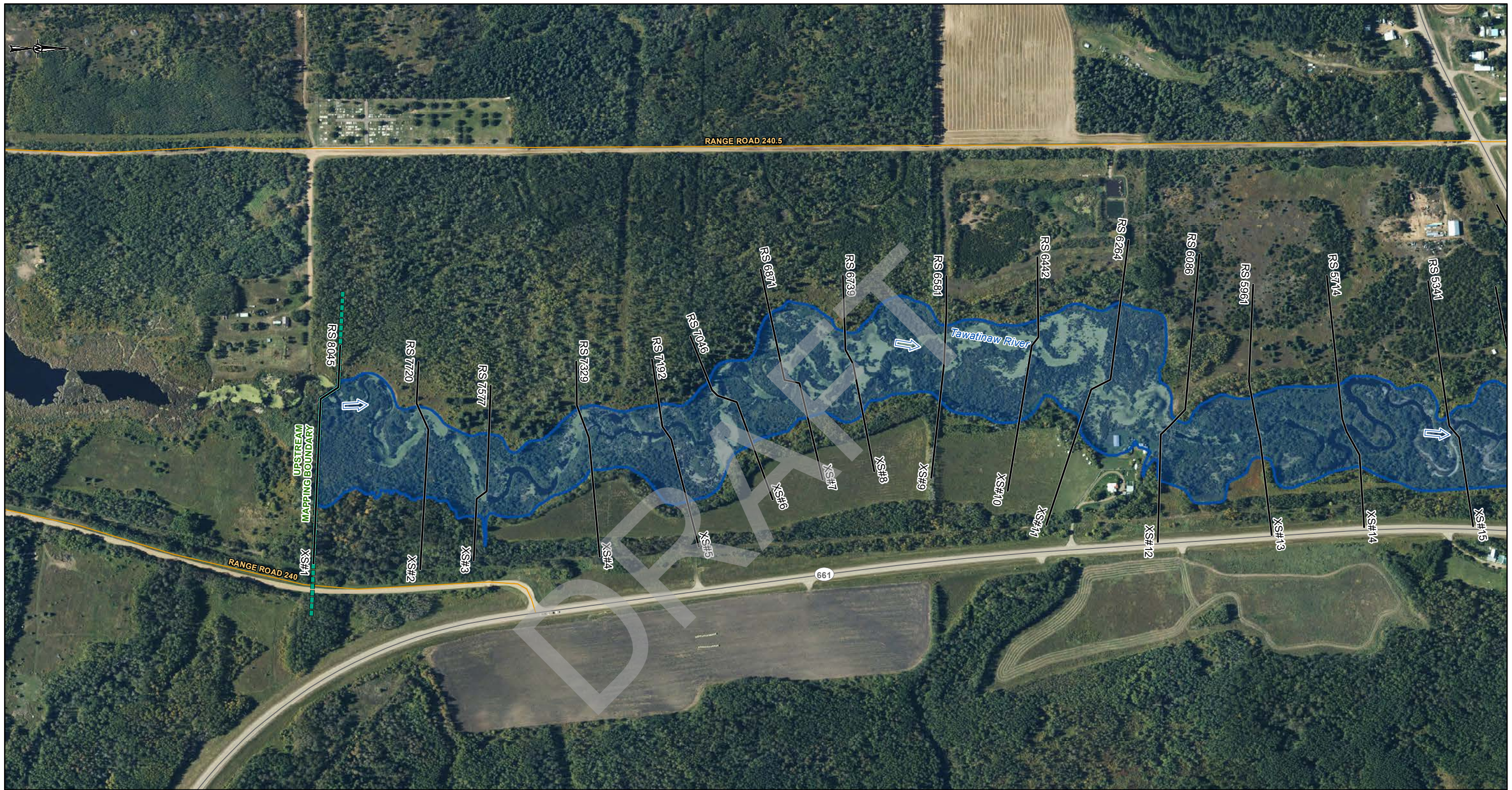
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TITLE 10-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 3 of 3

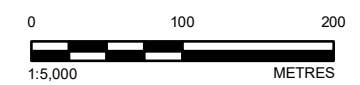
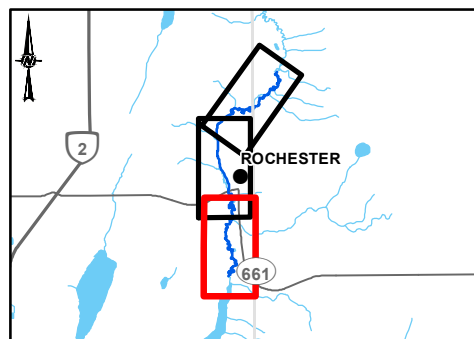
20-YEAR FLOOD INUNDATION EXTENT

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SHEET 2

LEGEND		
— CROSS SECTION	BRIDGE	20-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	CULVERT	20-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)		
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE TAWATINAW RIVER = 27.4 M ³ /S



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PROJECT ROCHESTER FLOOD STUDY	
TITLE 20-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 1 of 3

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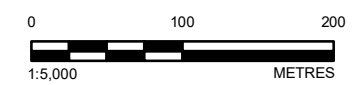
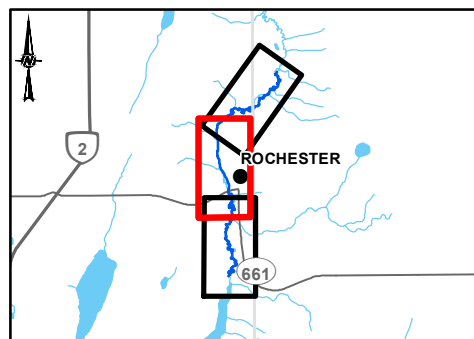
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SHEET 1

SHEET 3

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	CROSS SECTION NUMBER
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	FLOW DIRECTION
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	SECONDARY HIGHWAY
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20-YEAR FLOOD INUNDATION EXTENT	
	20-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 27.4 M ³ /S	



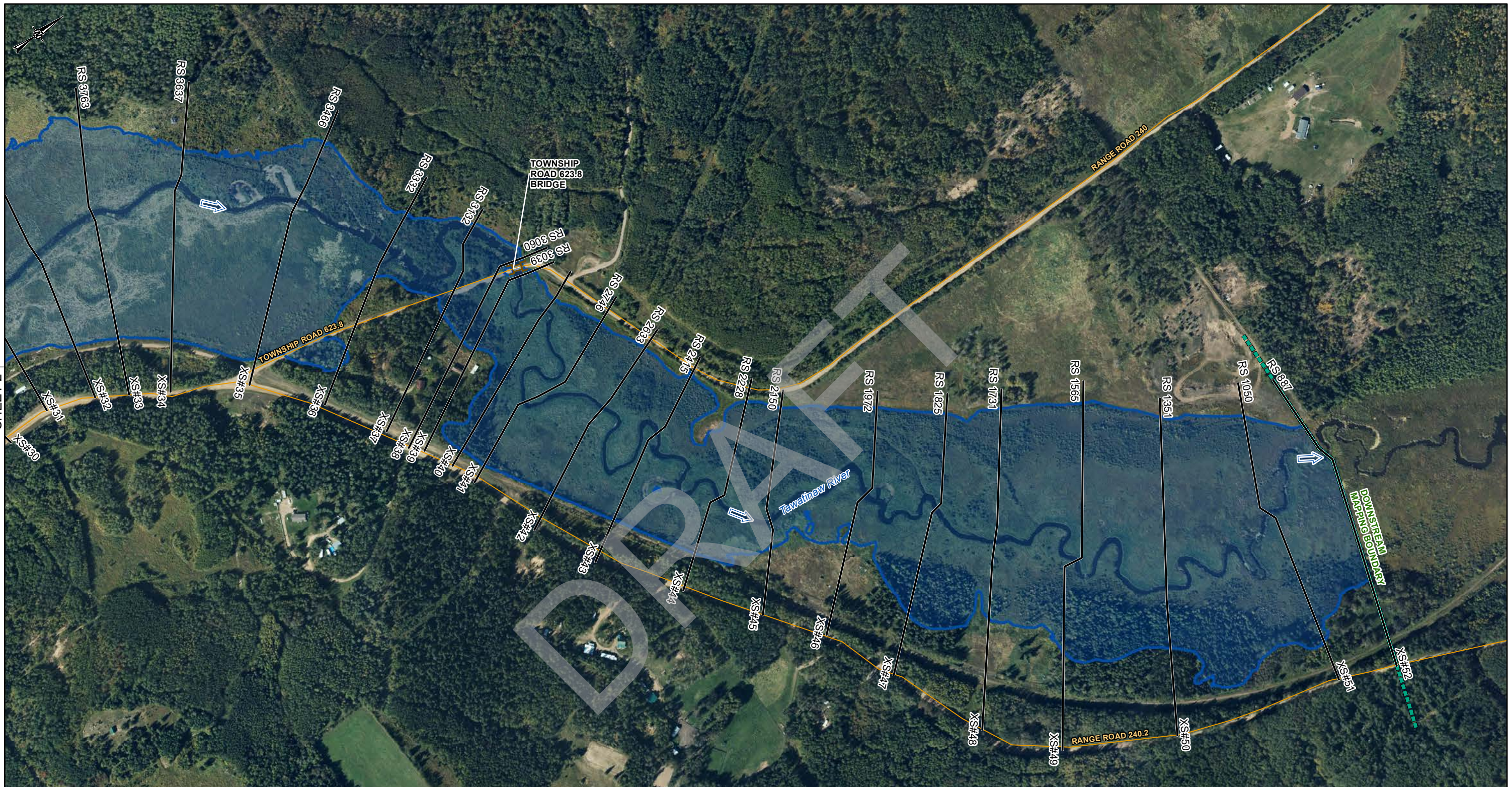
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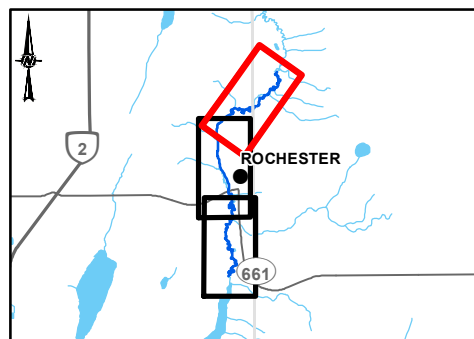
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PROJECT ROCHESTER FLOOD STUDY			
TITLE 20-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 2 of 3



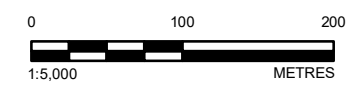
SHEET 2

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	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
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	20-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 27.4 M ³ /S	



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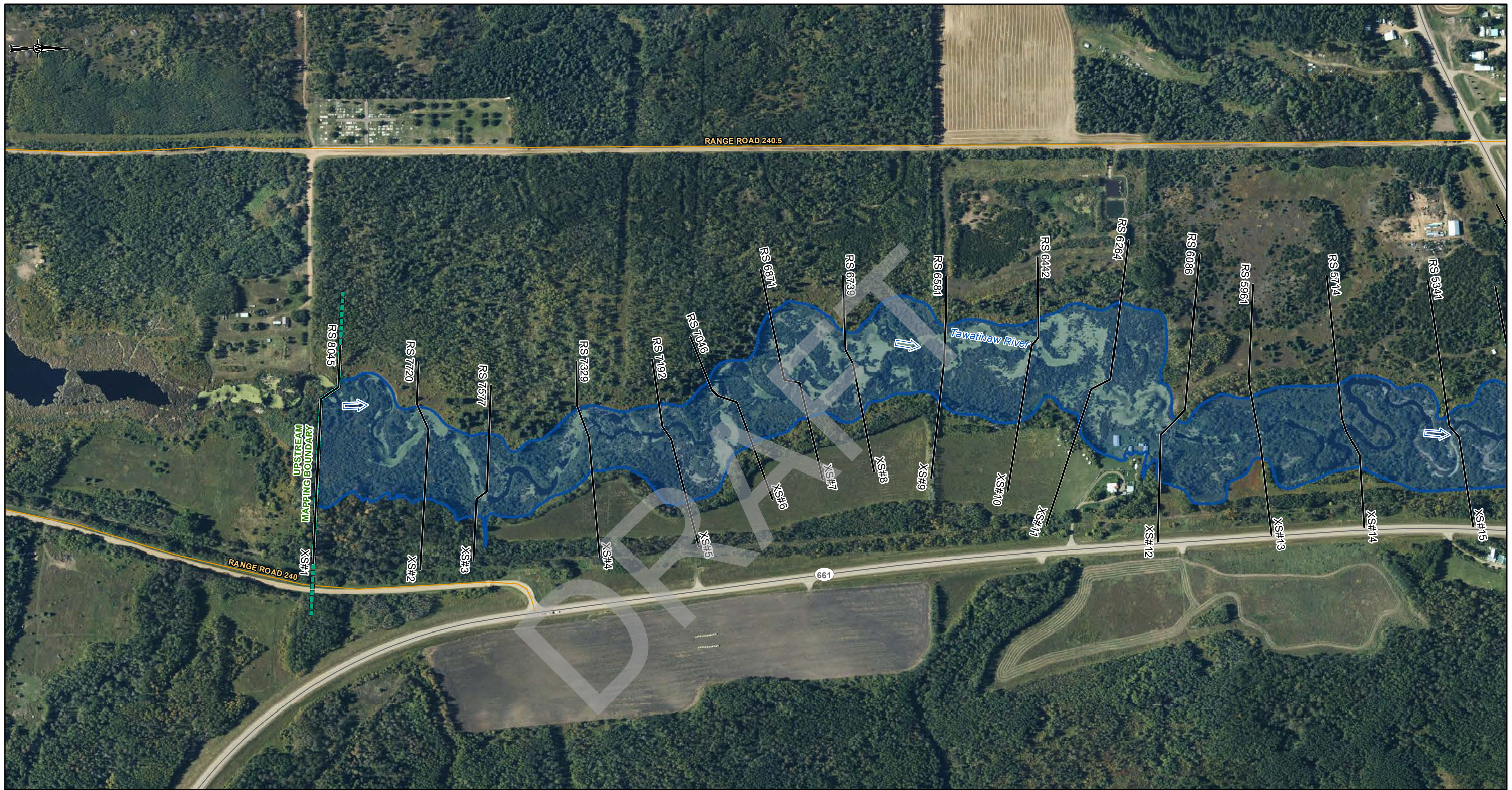
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PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 3 of 3

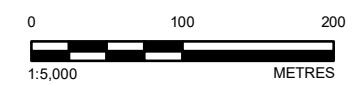
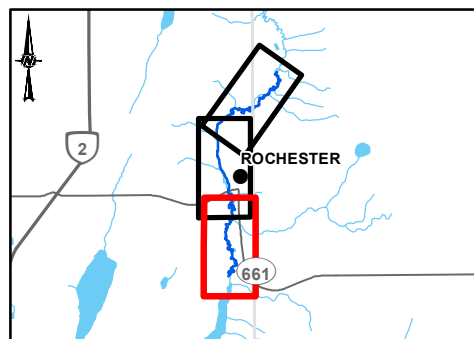
35-YEAR FLOOD INUNDATION EXTENT

DRAFT



SHEET 2

LEGEND		
— CROSS SECTION	BRIDGE	35-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	CULVERT	35-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)		
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE TAWATINAW RIVER = 32.9 M ³ /S



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APPROVED	HZ

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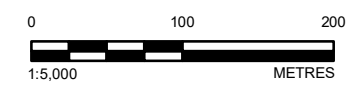
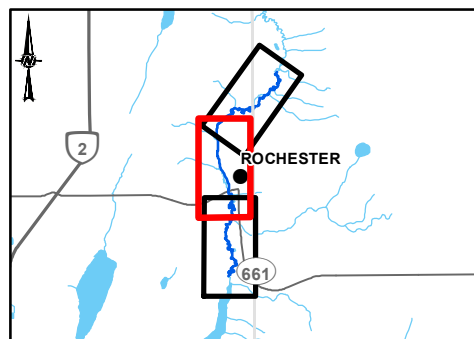
PROJECT ROCHESTER FLOOD STUDY	
TITLE 35-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 1 of 3



SHEET 1 ↑

↑ SHEET 3

LEGEND	
—	CROSS SECTION
XS#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
▬▬▬	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
⌈—⌋	BRIDGE
⬡	CULVERT
35-YEAR FLOOD INUNDATION EXTENT	
▭	35-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 32.9 M ³ /S	



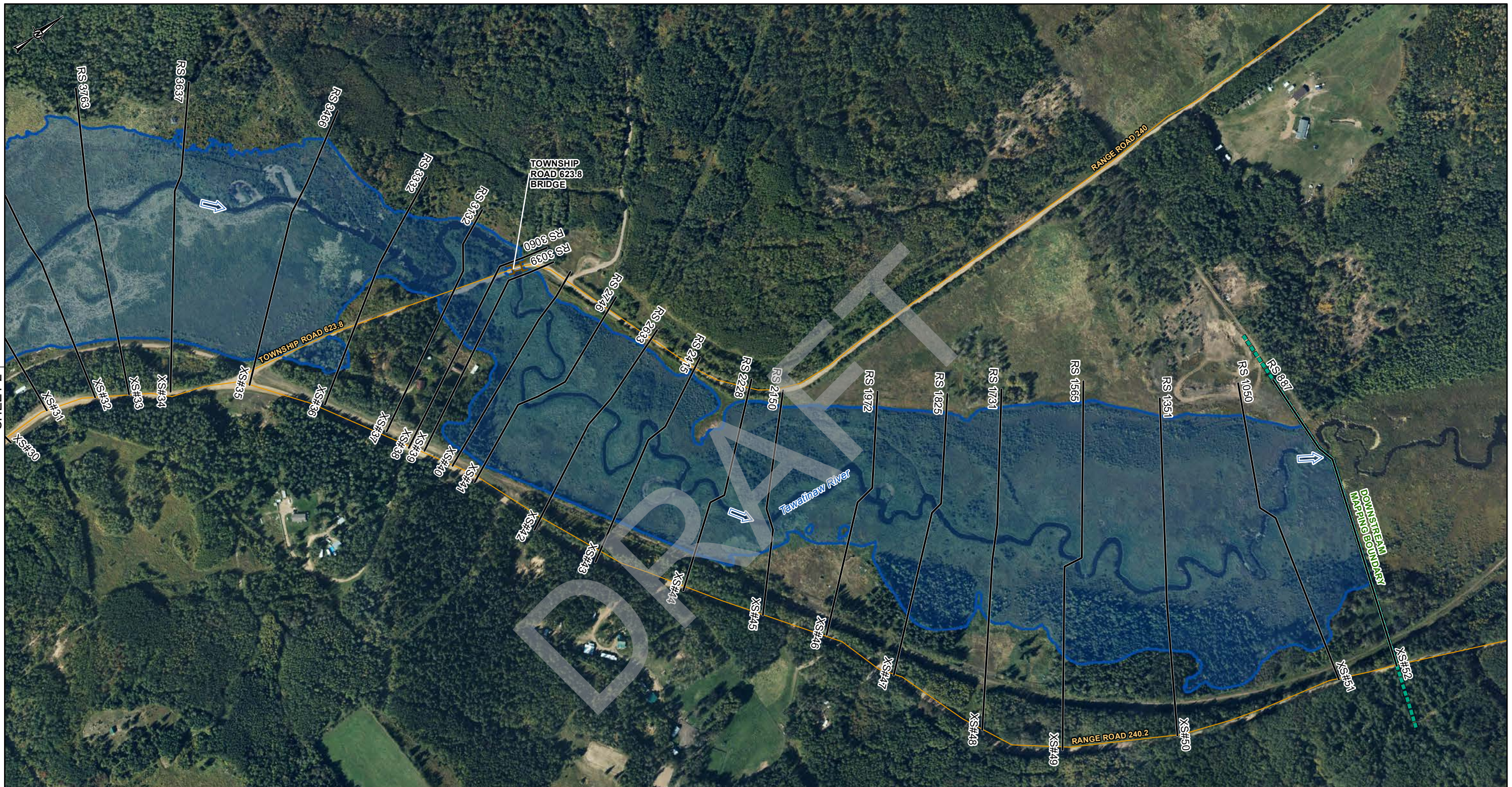
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APPROVED	HZ

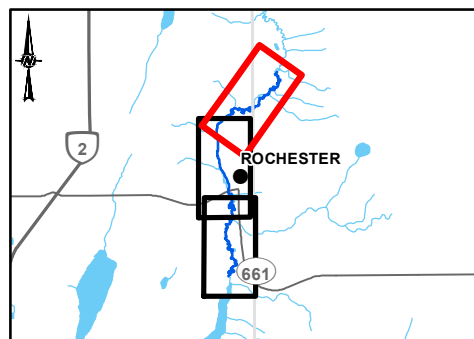
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 35-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 2 of 3



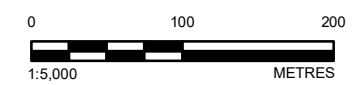
SHEET 2 ↑

- LEGEND**
- CROSS SECTION
 - XS#85 CROSS SECTION NUMBER
 - RS 552 RIVER STATION (M)
 - MAPPING BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - PRIMARY HIGHWAY
 - SECONDARY HIGHWAY
- HYDRAULIC STRUCTURES**
- BRIDGE
 - CULVERT
- 35-YEAR FLOOD INUNDATION EXTENT**
- 35-YEAR FLOOD EXTENT
- DISCHARGE**
- TAWATINAW RIVER = 32.9 M³/S



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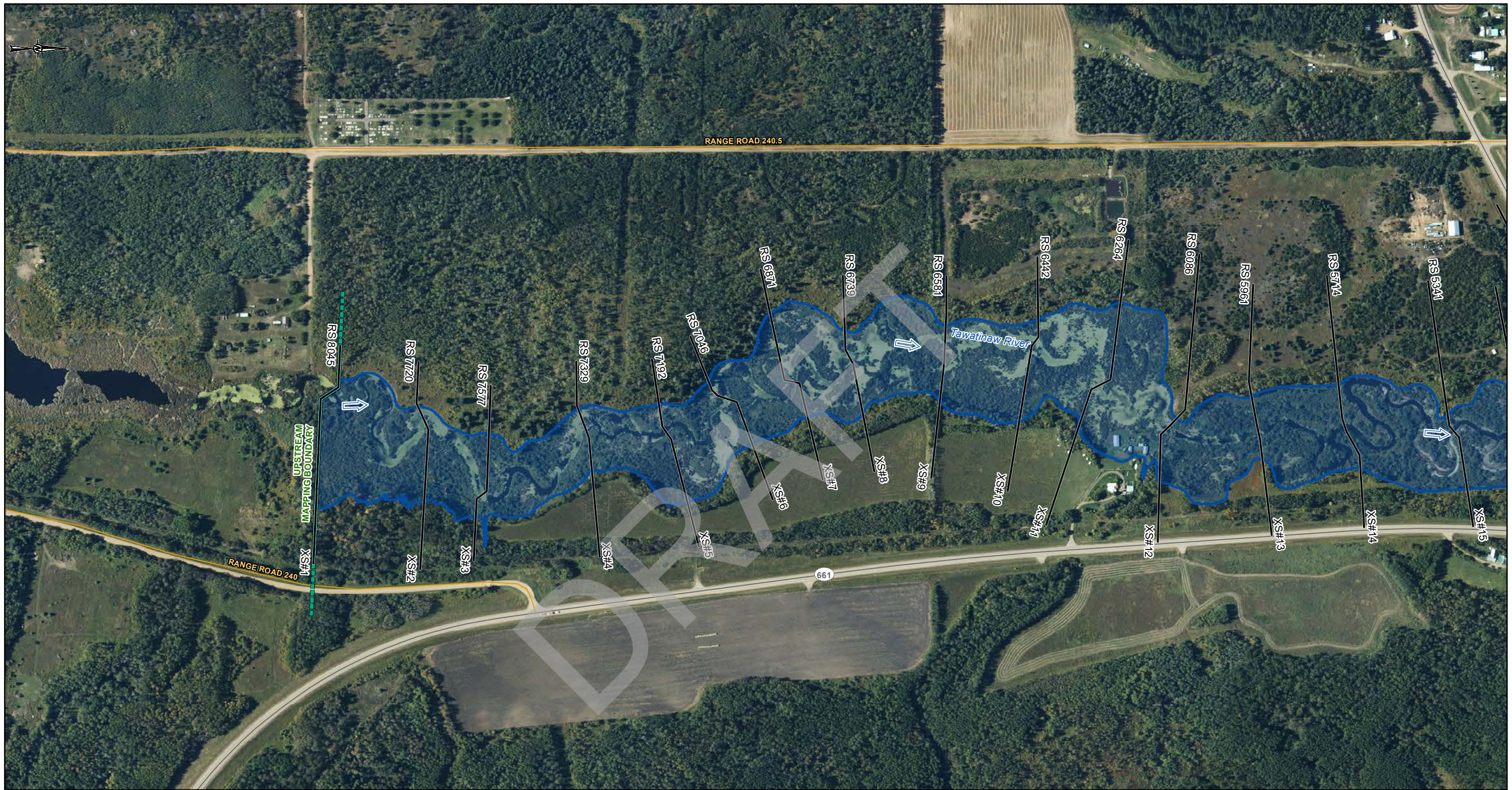
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 35-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 3 of 3

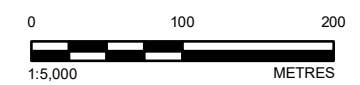
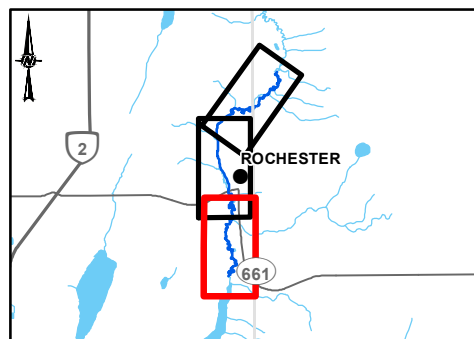
50-YEAR FLOOD INUNDATION EXTENT

DRAFT



SHEET 2

LEGEND			
— CROSS SECTION	BRIDGE	50-YEAR FLOOD INUNDATION EXTENT	
XS#85 CROSS SECTION NUMBER	CULVERT	50-YEAR FLOOD EXTENT	
RS 552 RIVER STATION (M)			
CROSS SECTION			
FLOW DIRECTION			
LOCAL ROAD			
PRIMARY HIGHWAY			
SECONDARY HIGHWAY			
		DISCHARGE	
		TAWATINAW RIVER = 36.5 M ³ /S	



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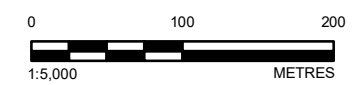
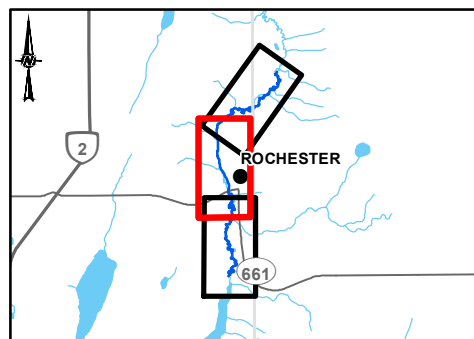
PROJECT		ROCHESTER FLOOD STUDY	
TITLE		50-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO.	CONTROL	REV.	FIGURE
20368084	4000	0	1 of 3



SHEET 1 ↑

↑ SHEET 3

LEGEND	
—	CROSS SECTION
XS#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
—	CROSS SECTION
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
—	BRIDGE
—	CULVERT
50-YEAR FLOOD INUNDATION EXTENT	
—	50-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 36.5 M ³ /S	



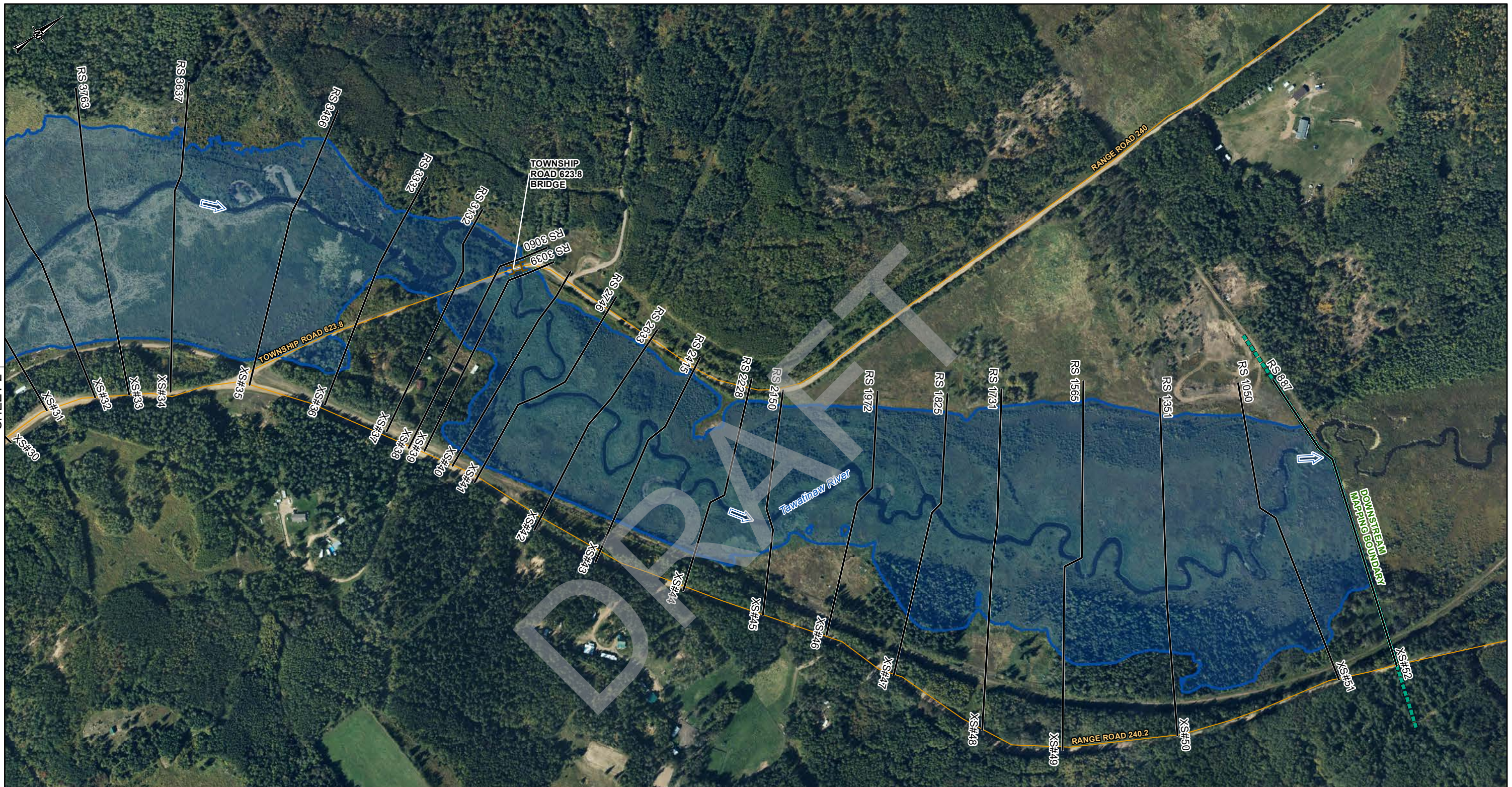
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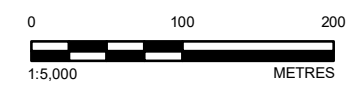
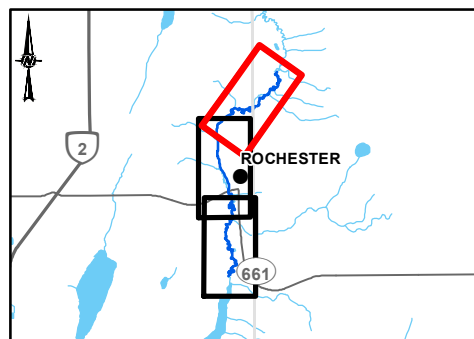
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 50-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 2 of 3



SHEET 2

LEGEND		
— CROSS SECTION	BRIDGE	50-YEAR FLOOD INUNDATION EXTENT
X#85 CROSS SECTION NUMBER	CULVERT	50-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)		
CROSS SECTION		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE
		TAWATINAW RIVER = 36.5 M ³ /S



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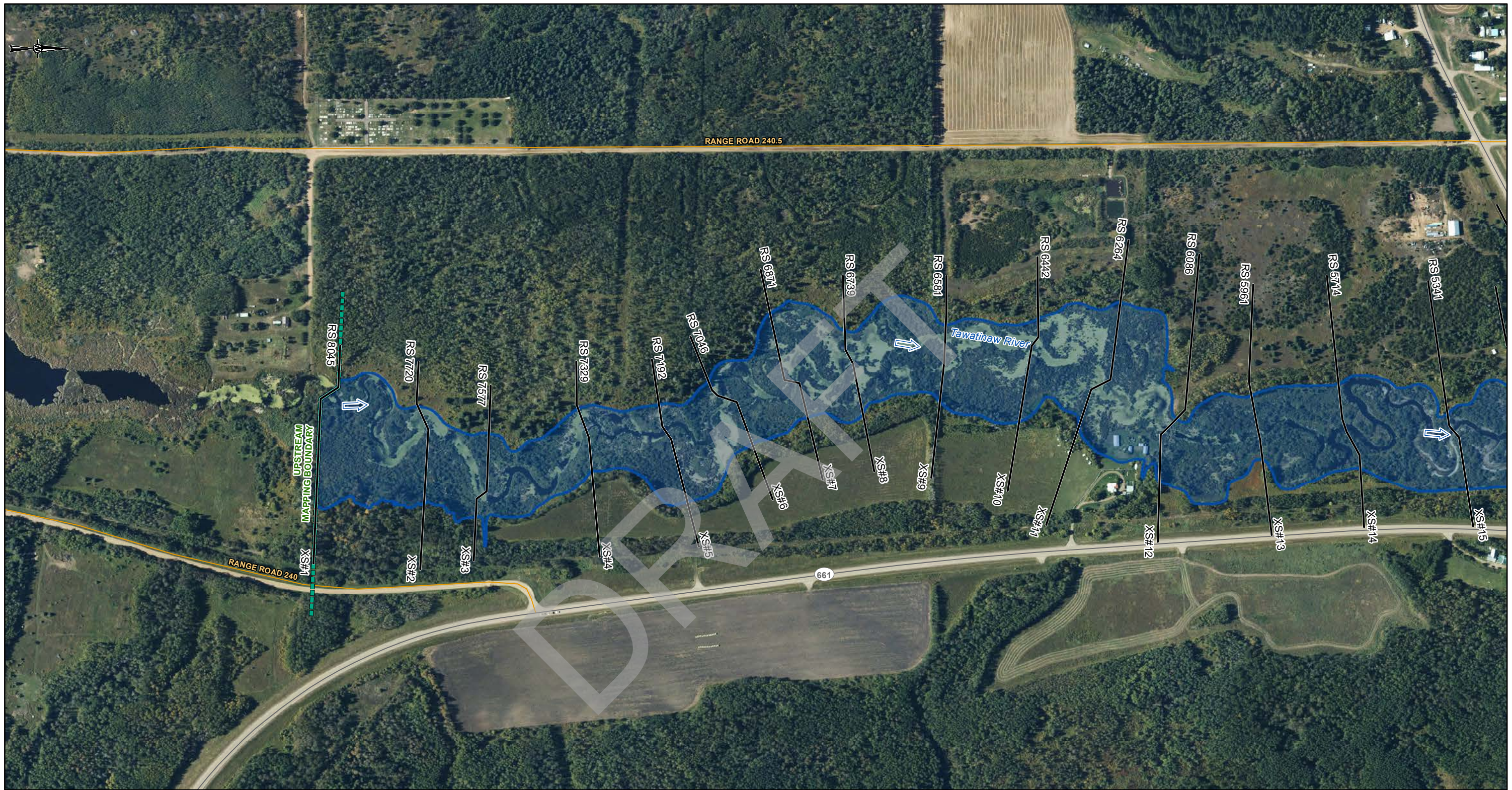
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 50-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 3 of 3

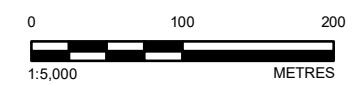
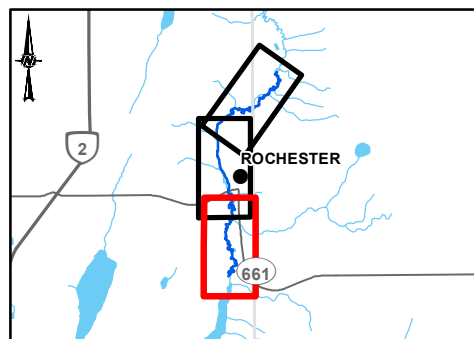
75-YEAR FLOOD INUNDATION EXTENT

DRAFT



SHEET 2

LEGEND		
— CROSS SECTION	BRIDGE	75-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	CULVERT	75-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)		
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE TAWATINAW RIVER = 40.7 M ³ /S



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PROJECT ROCHESTER FLOOD STUDY	
TITLE 75-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 1 of 3

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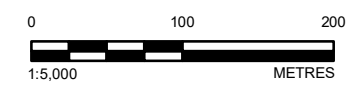
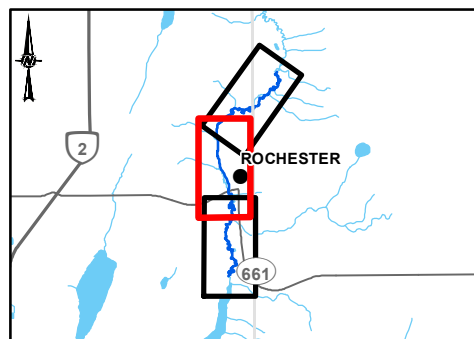
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS B



SHEET 1

SHEET 3

LEGEND	
	CROSS SECTION
	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
	LOCAL ROAD
	PRIMARY HIGHWAY
	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
	BRIDGE
	CULVERT
75-YEAR FLOOD INUNDATION EXTENT	
	75-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 40.7 M ³ /S	



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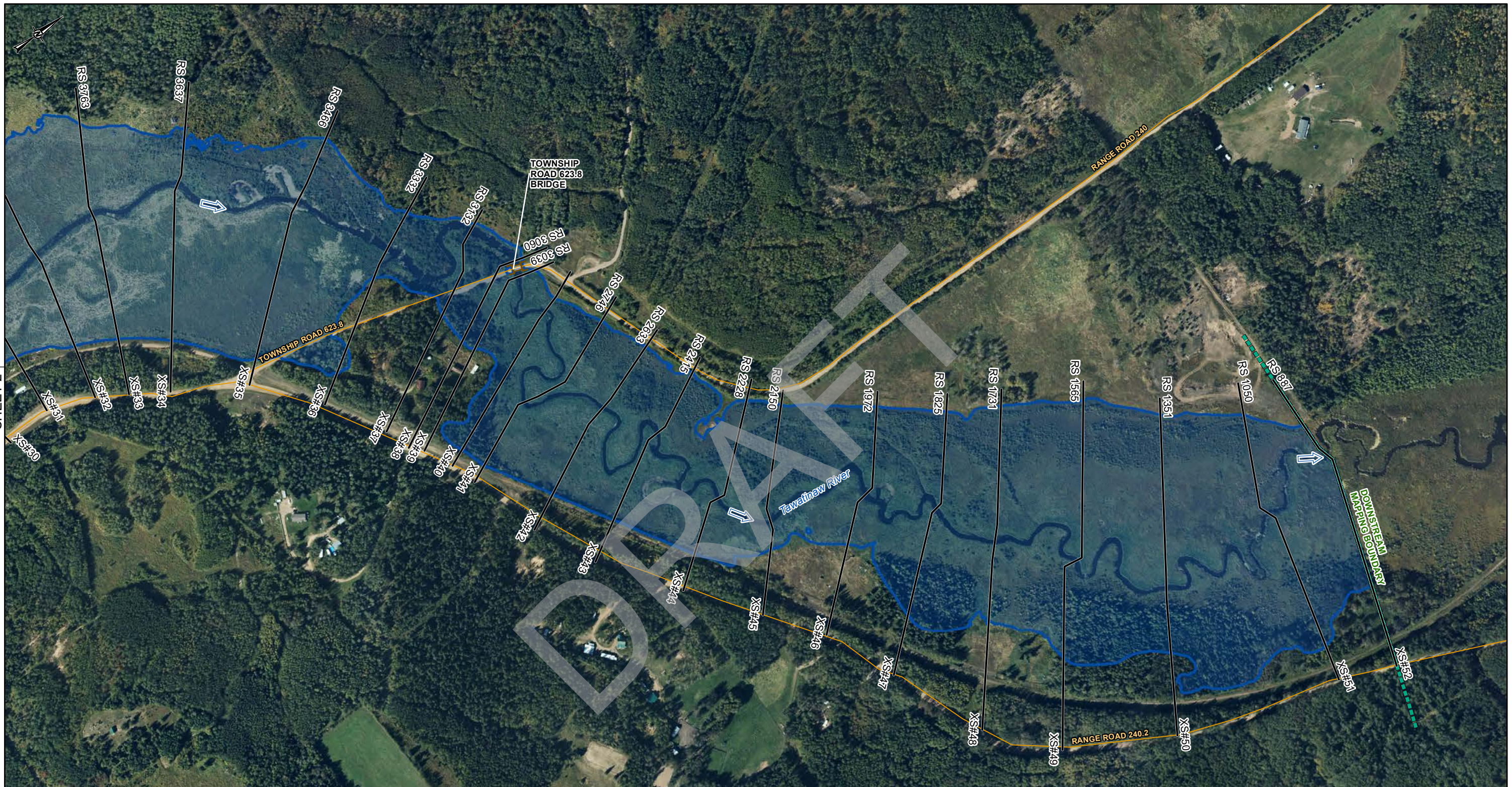
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PROJECT
ROCHESTER FLOOD STUDY

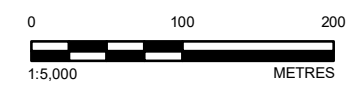
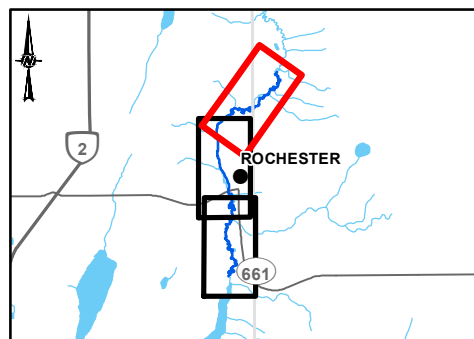
TITLE
75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368084	4000	0	2 of 3



SHEET 2

LEGEND	CROSS SECTION	HYDRAULIC STRUCTURES	75-YEAR FLOOD INUNDATION EXTENT
—	CROSS SECTION NUMBER	BRIDGE	75-YEAR FLOOD EXTENT
XS#85	CROSS SECTION NUMBER	CULVERT	
RS 552	RIVER STATION (M)		
	MAPPING BOUNDARY		
	FLOW DIRECTION		
	LOCAL ROAD		
	PRIMARY HIGHWAY		
	SECONDARY HIGHWAY		
	DISCHARGE		
	TAWATINAW RIVER = 40.7 M ³ /S		



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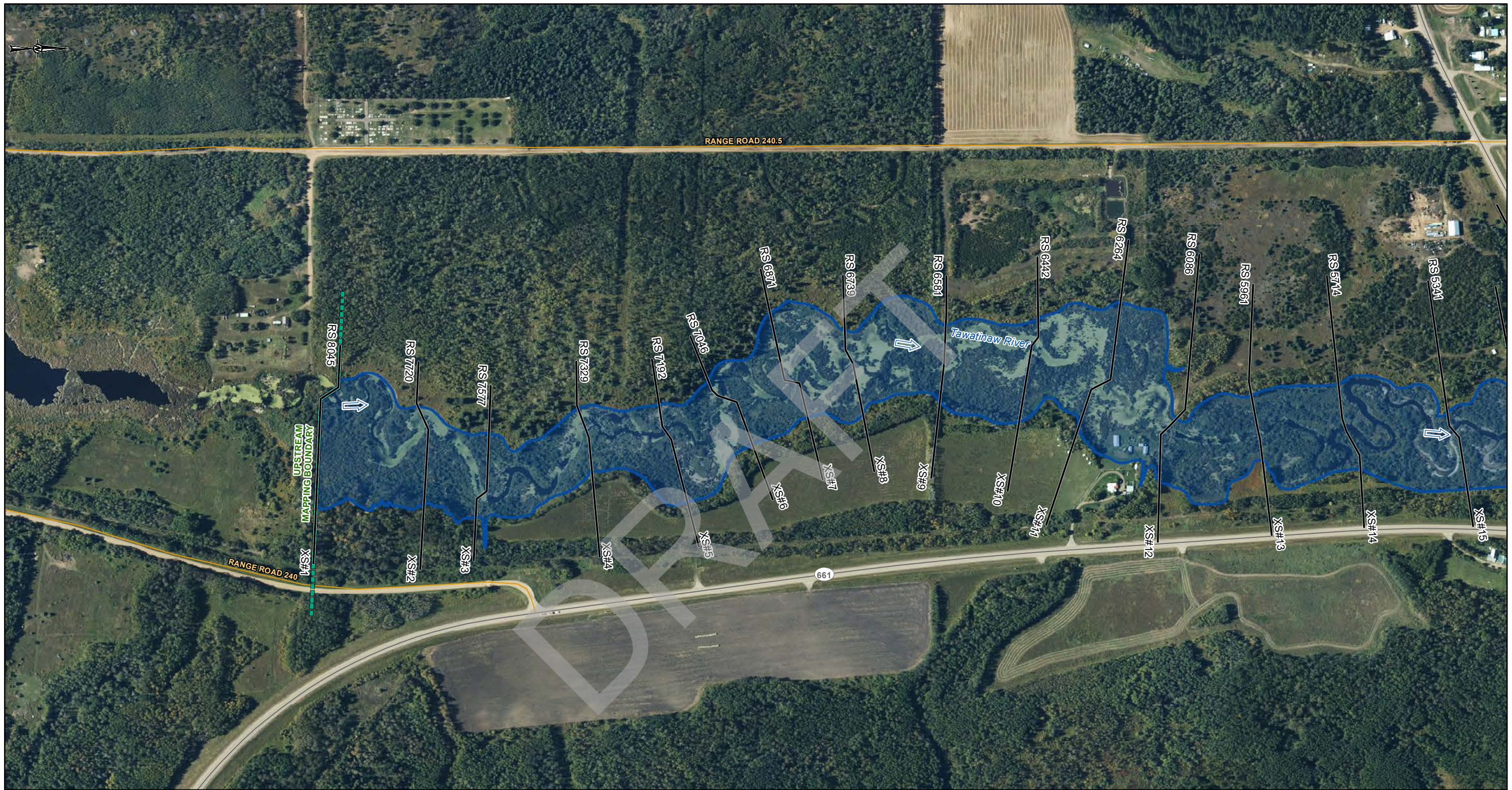
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 75-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 3 of 3

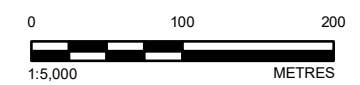
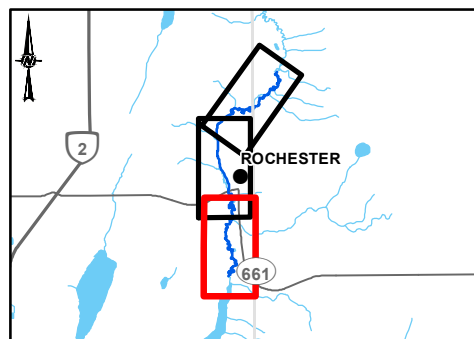
100-YEAR FLOOD INUNDATION EXTENT

DRAFT



SHEET 2

LEGEND	
—	CROSS SECTION
XS#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
—	MAPPING BOUNDARY
→	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
—	BRIDGE
—	CULVERT
100-YEAR FLOOD INUNDATION EXTENT	
—	100-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 43.8 M ³ /S	



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PROJECT ROCHESTER FLOOD STUDY			
TITLE 100-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 1 of 3

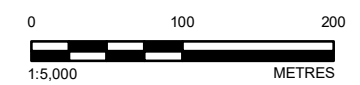
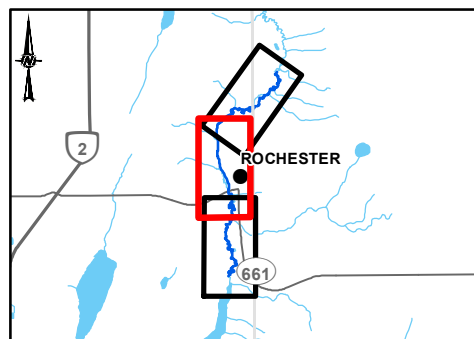


SHEET 1 ↑

↑ SHEET 3

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LEGEND		
— CROSS SECTION	HYDRAULIC STRUCTURES	100-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	BRIDGE	100-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)	CULVERT	
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE
		TAWATINAW RIVER = 43.8 M ³ /S



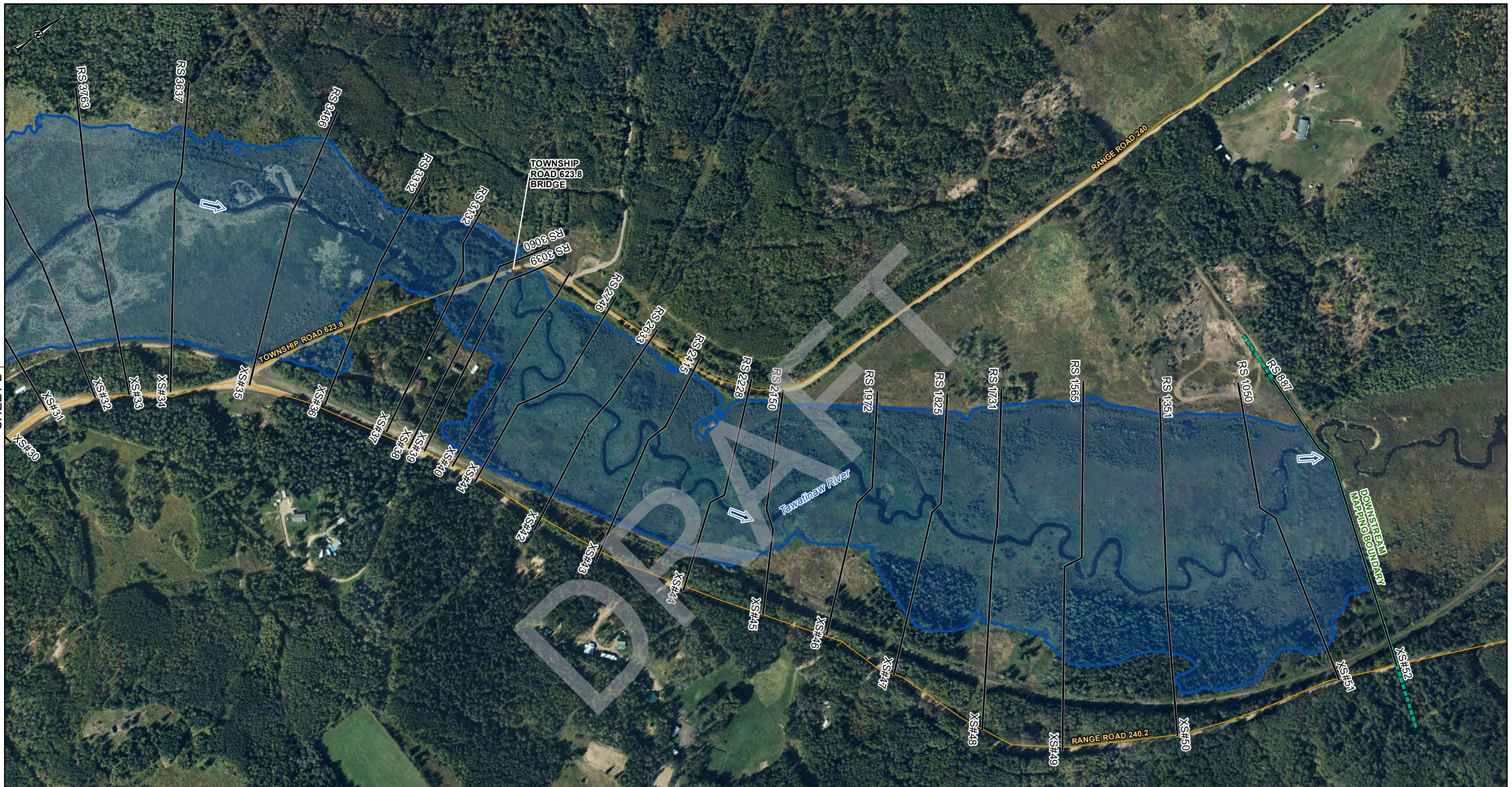
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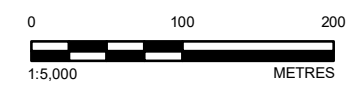
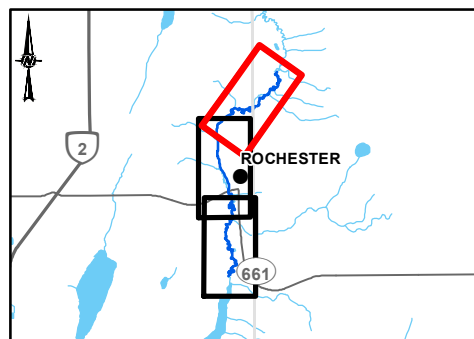
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 100-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 2 of 3



SHEET 2

LEGEND		
— CROSS SECTION	BRIDGE	100-YEAR FLOOD INUNDATION EXTENT
X#85 CROSS SECTION NUMBER	CULVERT	100-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)		
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE
		TAWATINAW RIVER = 43.8 M ³ /S



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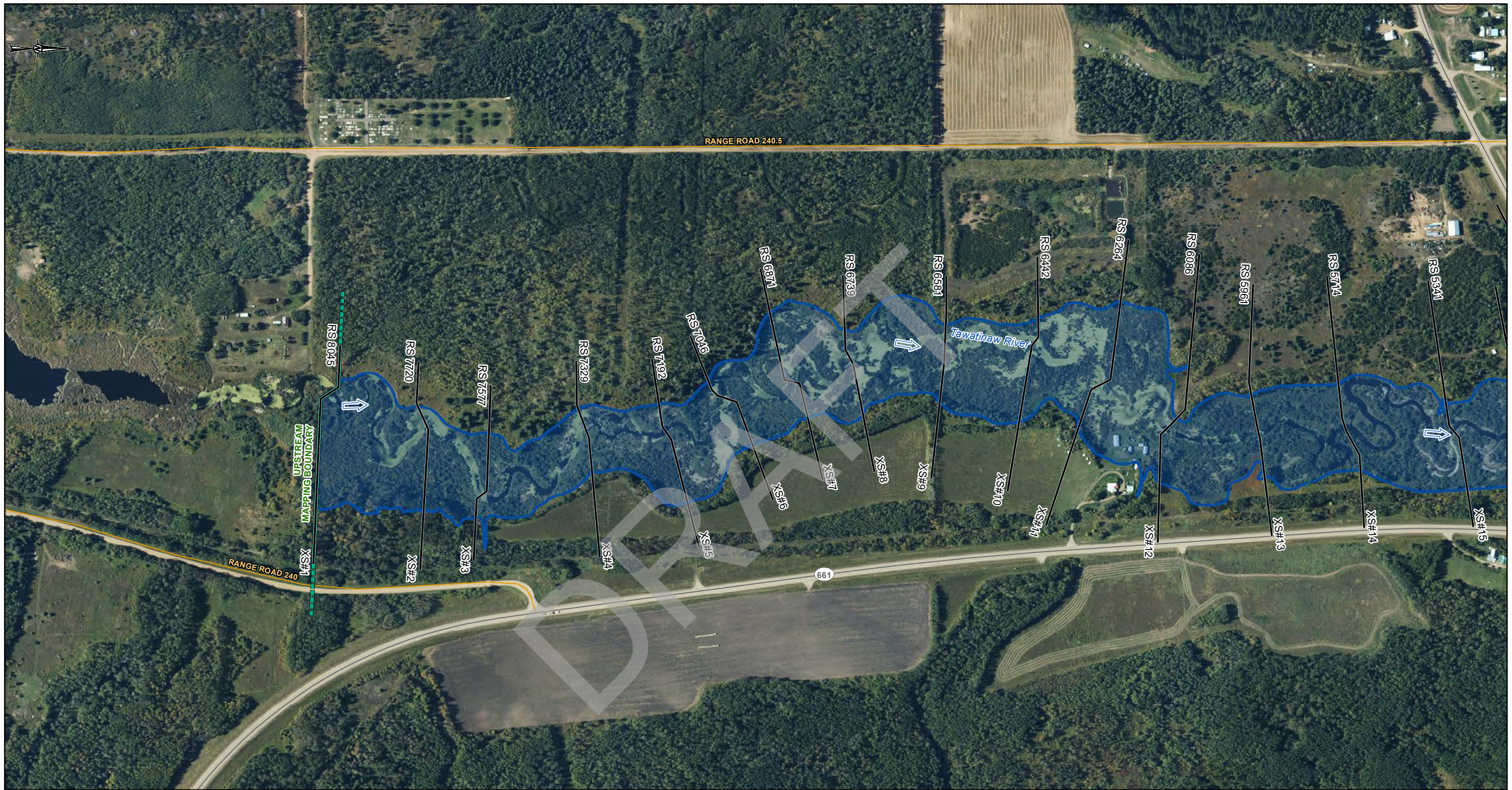
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 100-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 3 of 3

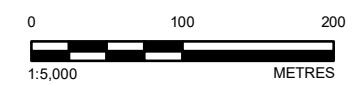
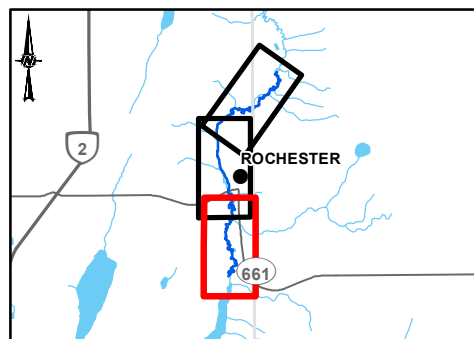
200-YEAR FLOOD INUNDATION EXTENT

DRAFT



SHEET 2

LEGEND		
— CROSS SECTION	BRIDGE	200-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	CULVERT	200-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)		
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE TAWATINAW RIVER = 51.4 M ³ /S



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APPROVED	HZ

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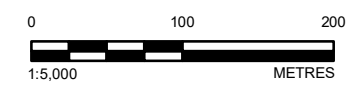
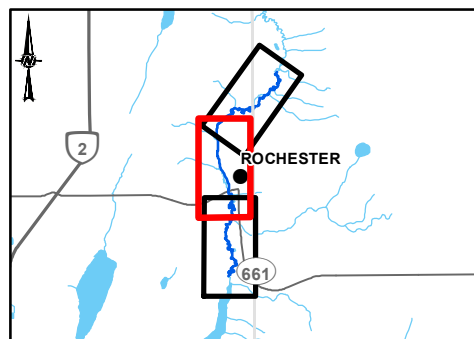
PROJECT ROCHESTER FLOOD STUDY	
TITLE 200-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 1 of 3



SHEET 1 ↑

↑ SHEET 3

LEGEND		
— CROSS SECTION	HYDRAULIC STRUCTURES	200-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	BRIDGE	200-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)	CULVERT	
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
	DISCHARGE	
	TAWATINAW RIVER = 51.4 M ³ /S	



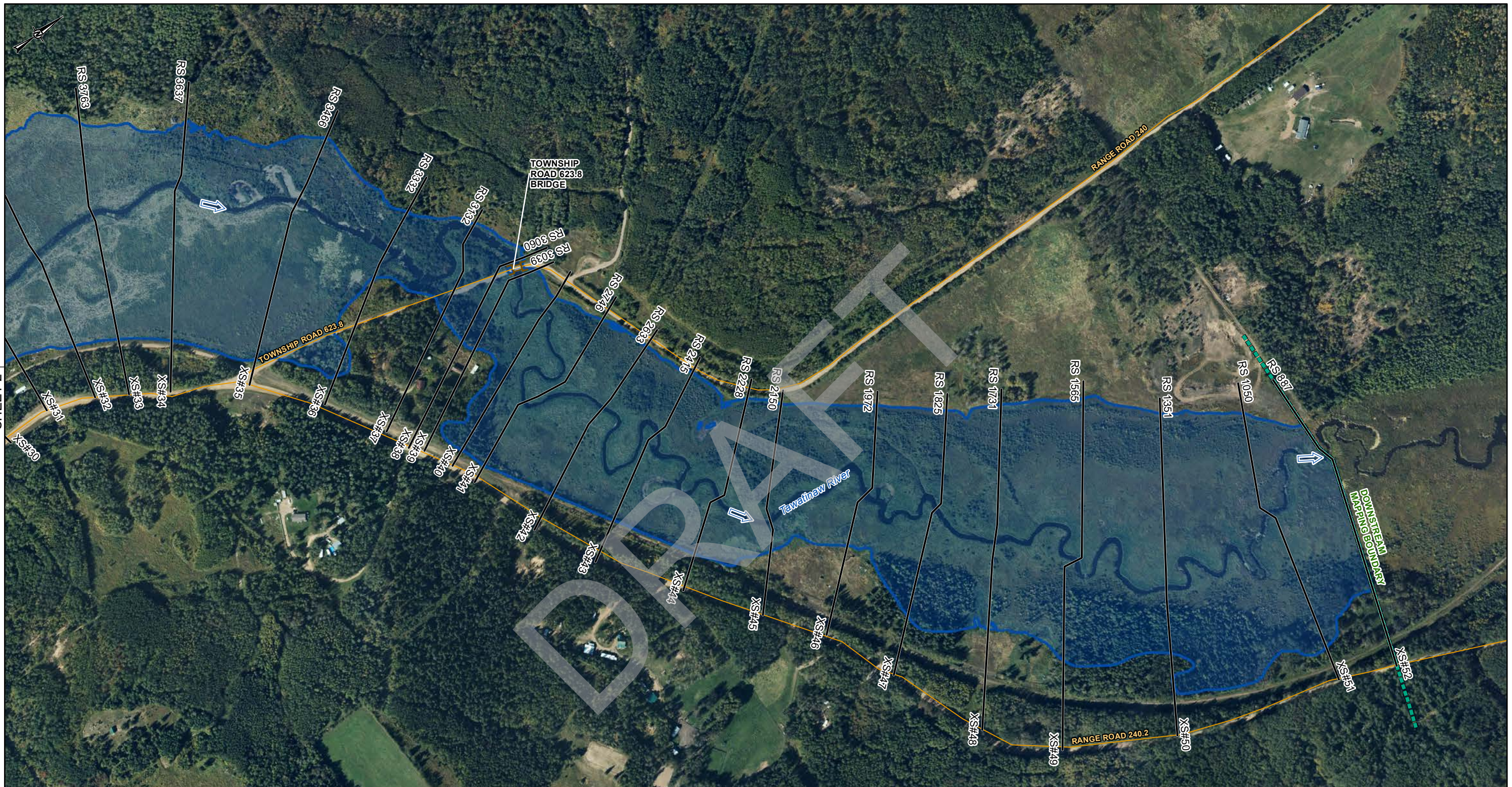
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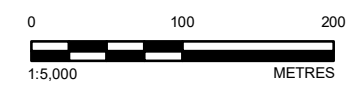
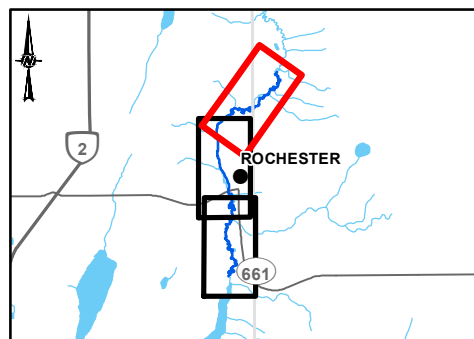
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 200-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 2 of 3



SHEET 2

LEGEND	
	CROSS SECTION
	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
	LOCAL ROAD
	PRIMARY HIGHWAY
	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
	BRIDGE
	CULVERT
200-YEAR FLOOD INUNDATION EXTENT	
	200-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 51.4 M ³ /S	



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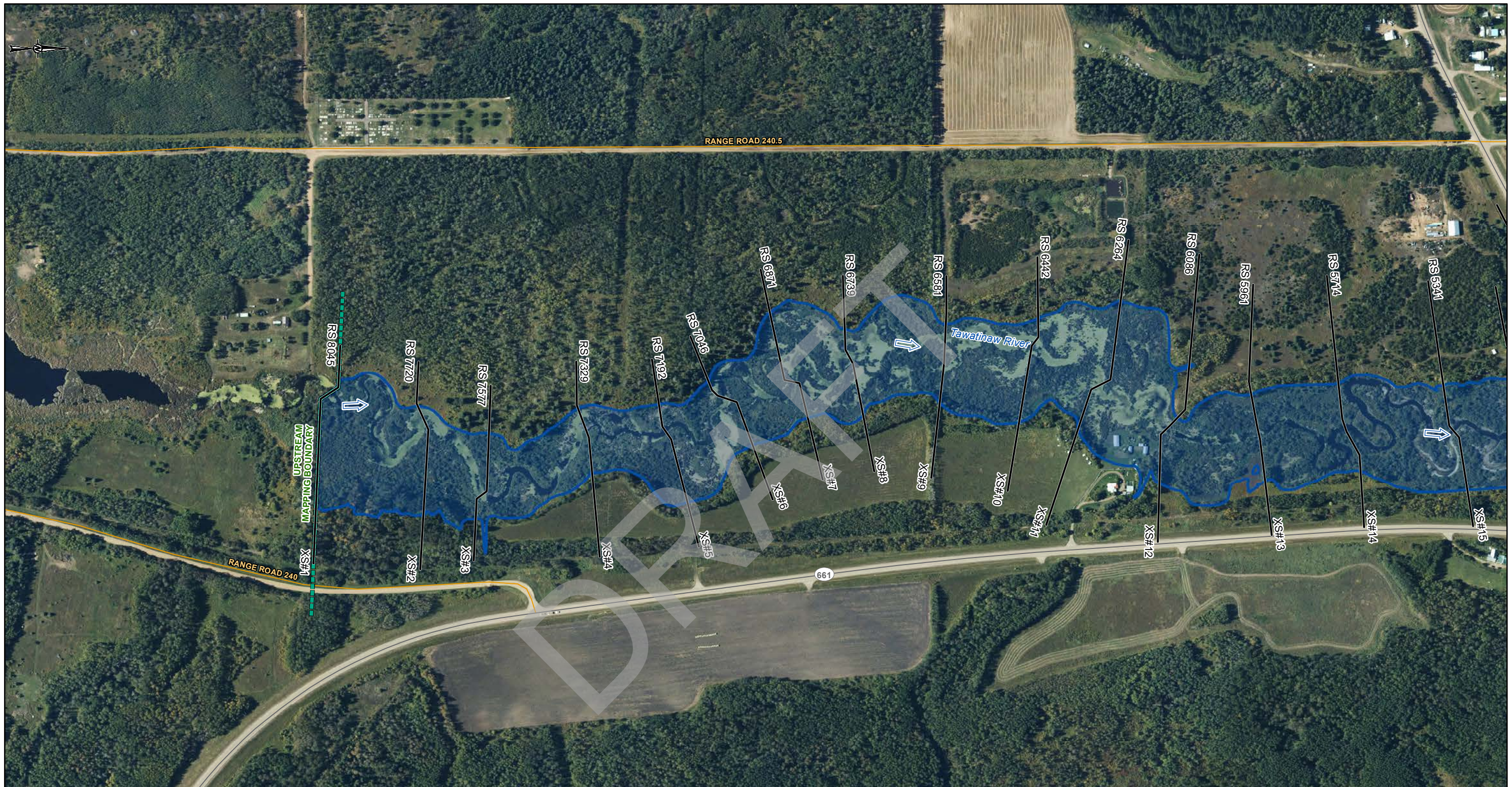
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PROJECT ROCHESTER FLOOD STUDY			
TITLE 200-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 3 of 3

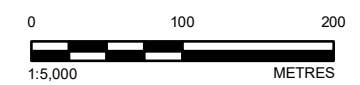
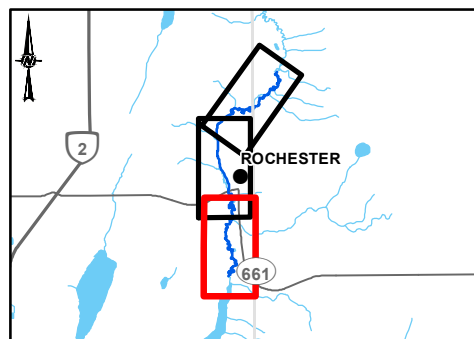
350-YEAR FLOOD INUNDATION EXTENT

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SHEET 2

LEGEND	
	CROSS SECTION
	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
	LOCAL ROAD
	PRIMARY HIGHWAY
	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
	BRIDGE
	CULVERT
350-YEAR FLOOD INUNDATION EXTENT	
	350-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 57.8 M ³ /S	



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PROJECT ROCHESTER FLOOD STUDY			
TITLE 350-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 1 of 3

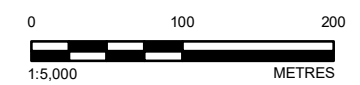
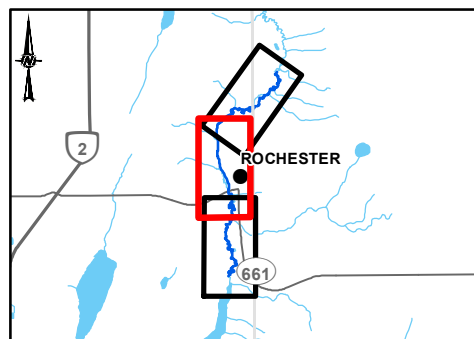


SHEET 1 ↑

↑ SHEET 3

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LEGEND		
— CROSS SECTION	HYDRAULIC STRUCTURES	350-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	BRIDGE	350-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)	CULVERT	
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
	DISCHARGE	
	TAWATINAW RIVER = 57.8 M ³ /S	



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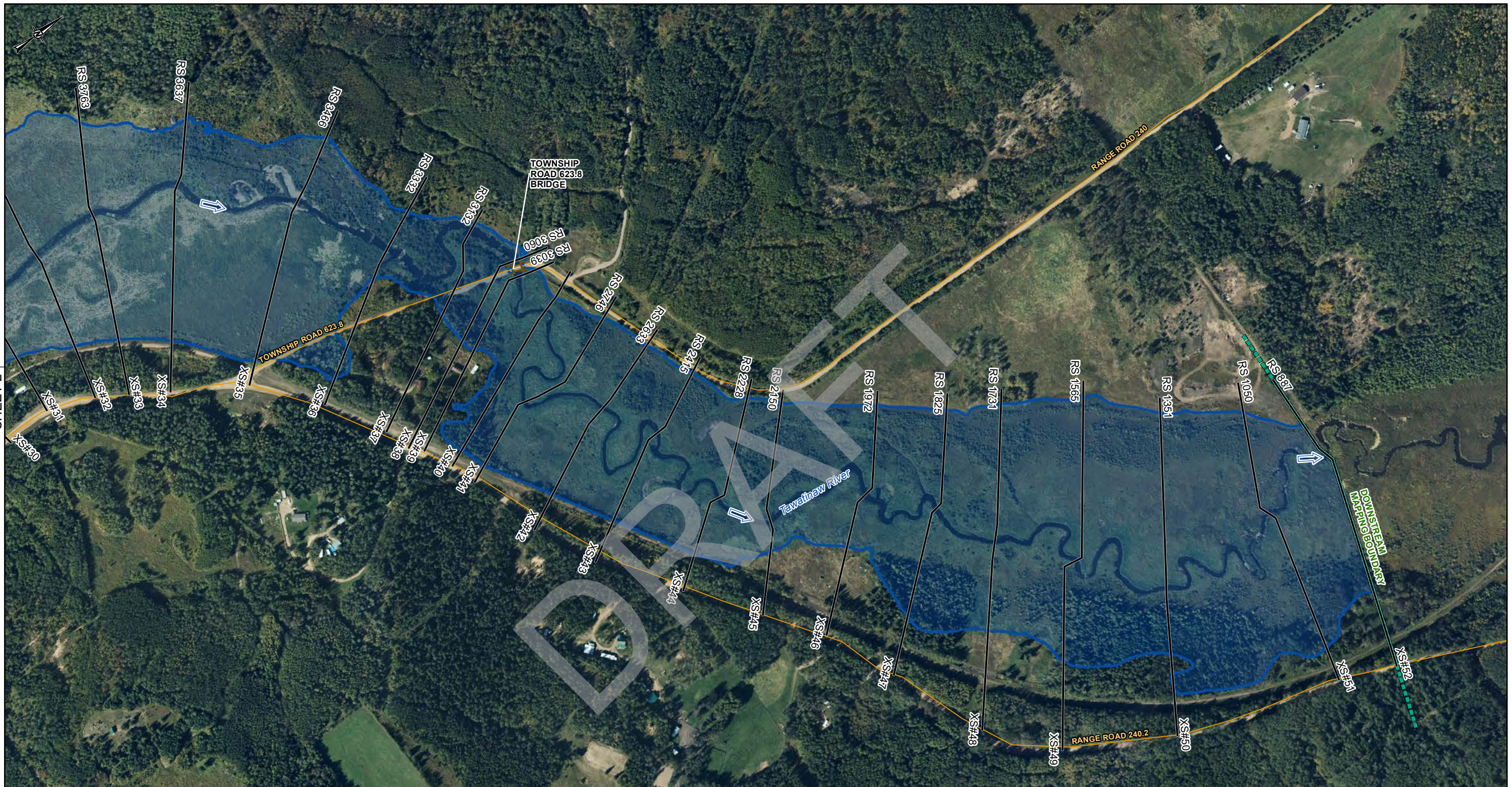


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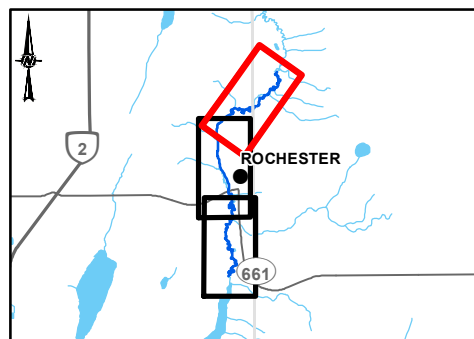
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 350-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 2 of 3



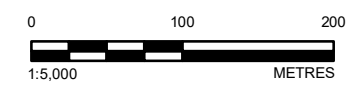
SHEET 2

LEGEND	
	CROSS SECTION
	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
	LOCAL ROAD
	PRIMARY HIGHWAY
	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
	BRIDGE
	CULVERT
350-YEAR FLOOD INUNDATION EXTENT	
	350-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 57.8 M ³ /S	



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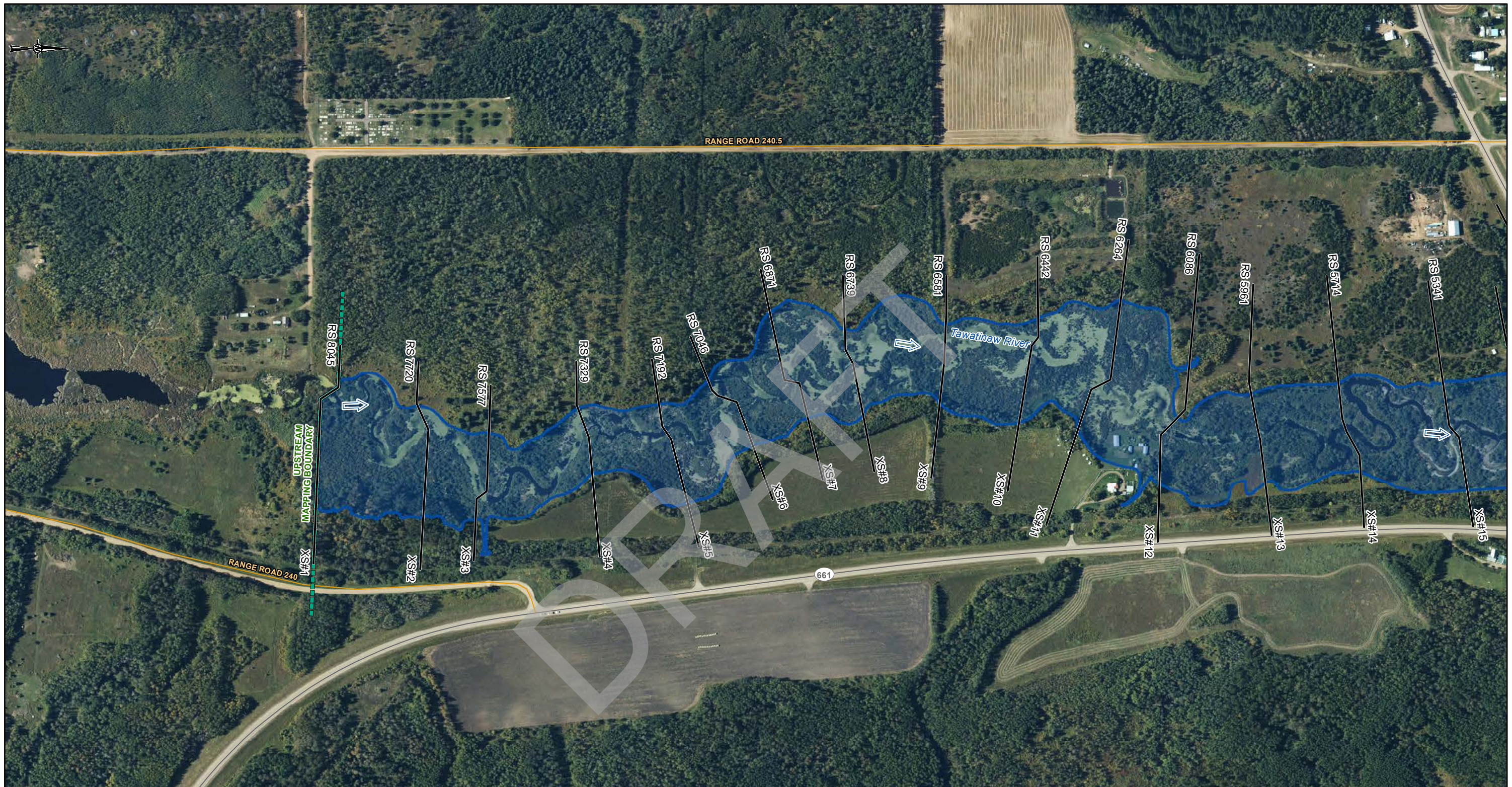
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PROJECT ROCHESTER FLOOD STUDY			
TITLE 350-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 3 of 3

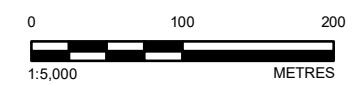
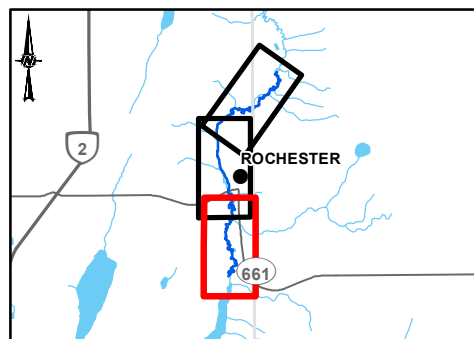
500-YEAR FLOOD INUNDATION EXTENT

DRAFT



SHEET 2

LEGEND	
	CROSS SECTION
	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
	LOCAL ROAD
	PRIMARY HIGHWAY
	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
	BRIDGE
	CULVERT
500-YEAR FLOOD INUNDATION EXTENT	
	500-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 62.0 M ³ /S	



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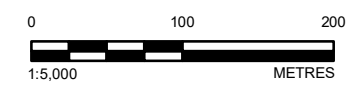
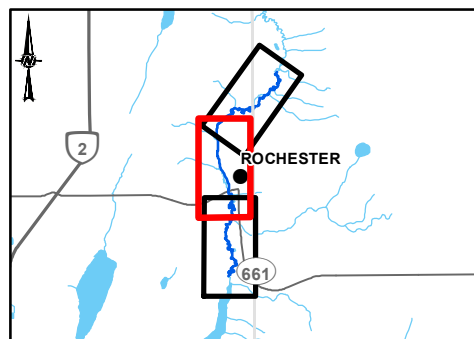
PROJECT ROCHESTER FLOOD STUDY			
TITLE 500-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 1 of 3



SHEET 1 ↑

↑ SHEET 3

LEGEND	
—	CROSS SECTION
XS#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
■	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
—	BRIDGE
◻	CULVERT
500-YEAR FLOOD INUNDATION EXTENT	
■	500-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 62.0 M ³ /S	



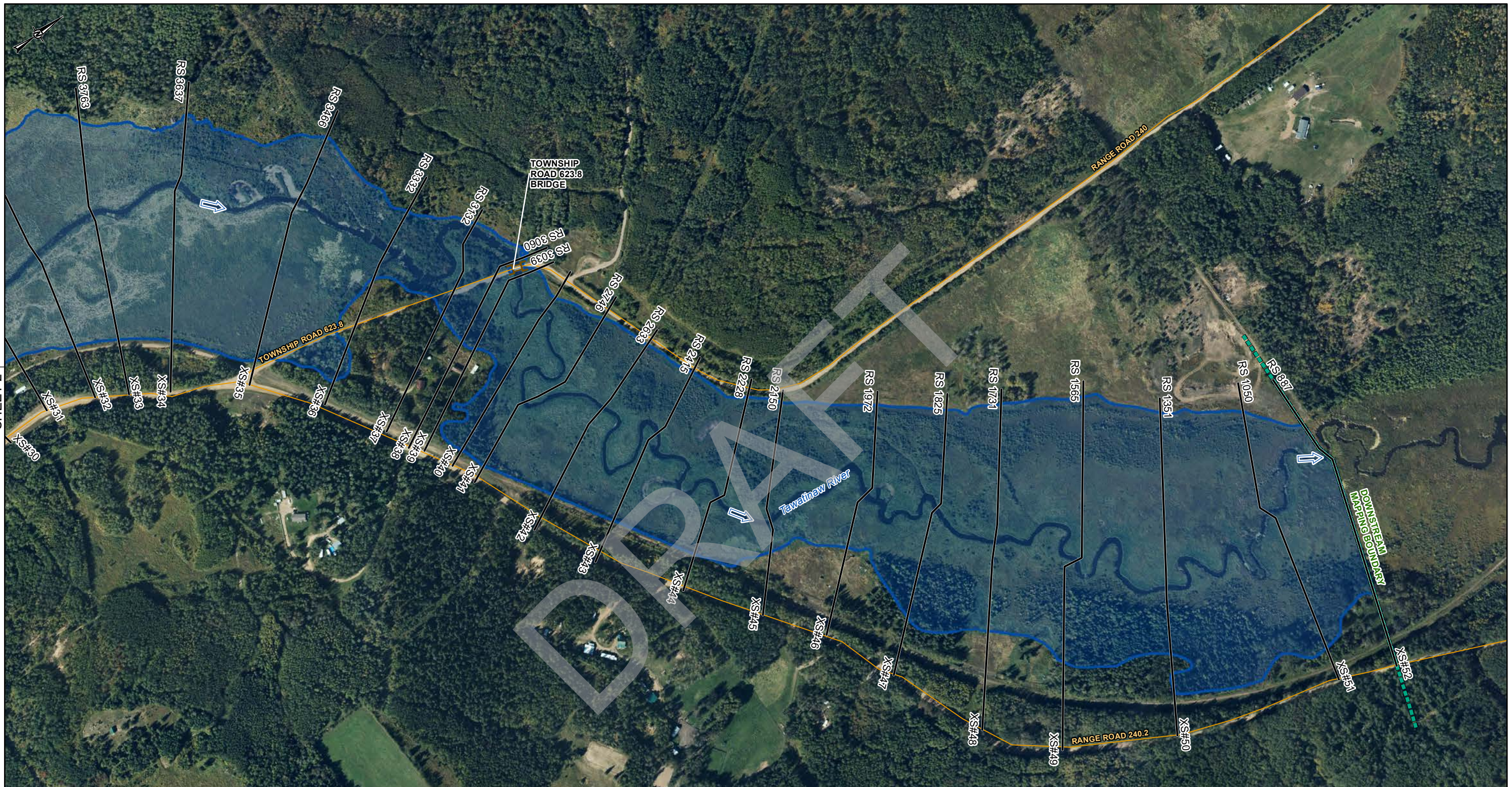
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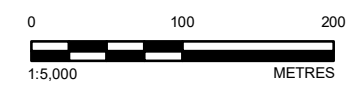
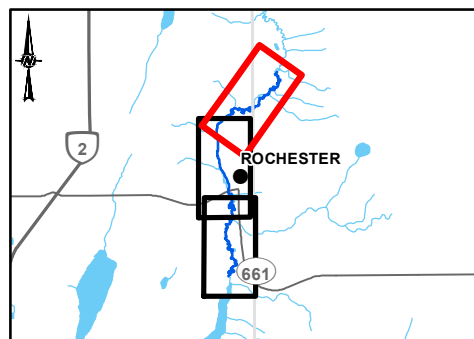
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 500-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 2 of 3



SHEET 2 ↑

LEGEND		
— CROSS SECTION	BRIDGE	500-YEAR FLOOD EXTENT
X#85 CROSS SECTION NUMBER	CULVERT	
RS 552 RIVER STATION (M)		
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
		DISCHARGE TAWATINAW RIVER = 62.0 M ³ /S



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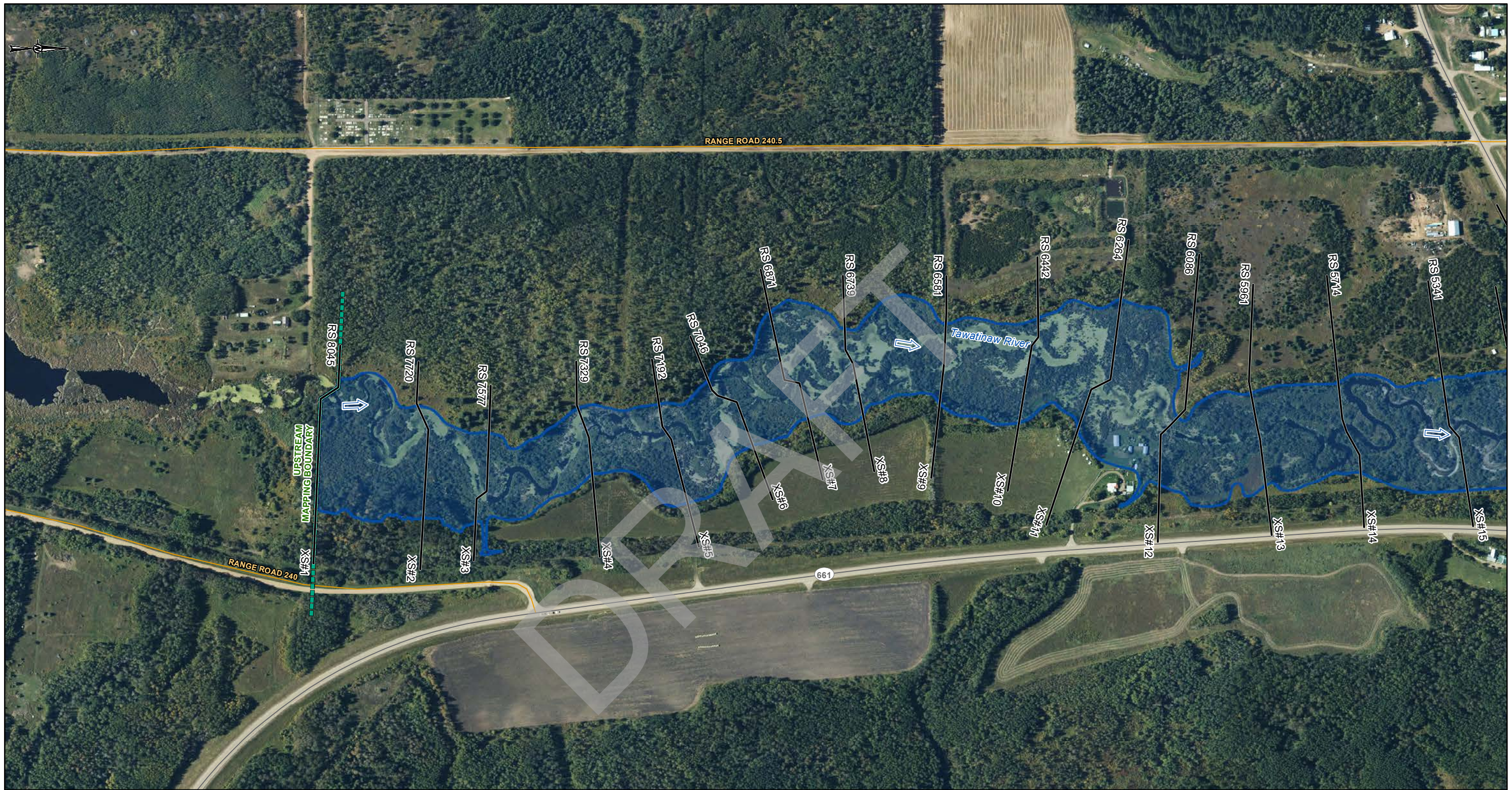
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PROJECT ROCHESTER FLOOD STUDY	
TITLE 500-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 3 of 3

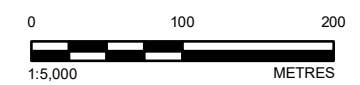
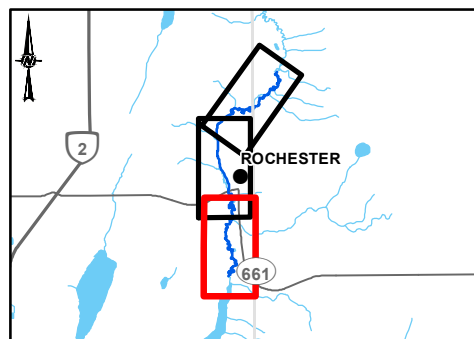
750-YEAR FLOOD INUNDATION EXTENT

DRAFT



SHEET 2

LEGEND	
	CROSS SECTION
	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
	LOCAL ROAD
	PRIMARY HIGHWAY
	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
	BRIDGE
	CULVERT
750-YEAR FLOOD INUNDATION EXTENT	
	750-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 66.9 M ³ /S	



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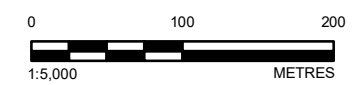
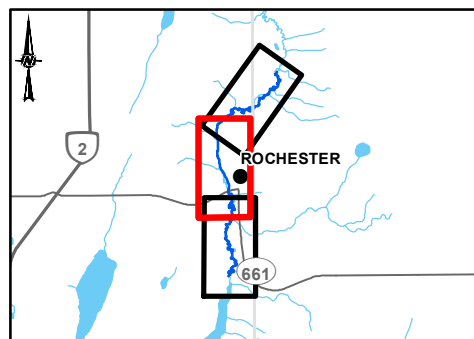
PROJECT ROCHESTER FLOOD STUDY			
TITLE 750-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 1 of 3



SHEET 1 ↑

↑ SHEET 3

LEGEND		
— CROSS SECTION	HYDRAULIC STRUCTURES	750-YEAR FLOOD INUNDATION EXTENT
XS#85 CROSS SECTION NUMBER	BRIDGE	750-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)	CULVERT	
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
	DISCHARGE	
	TAWATINAW RIVER = 66.9 M ³ /S	



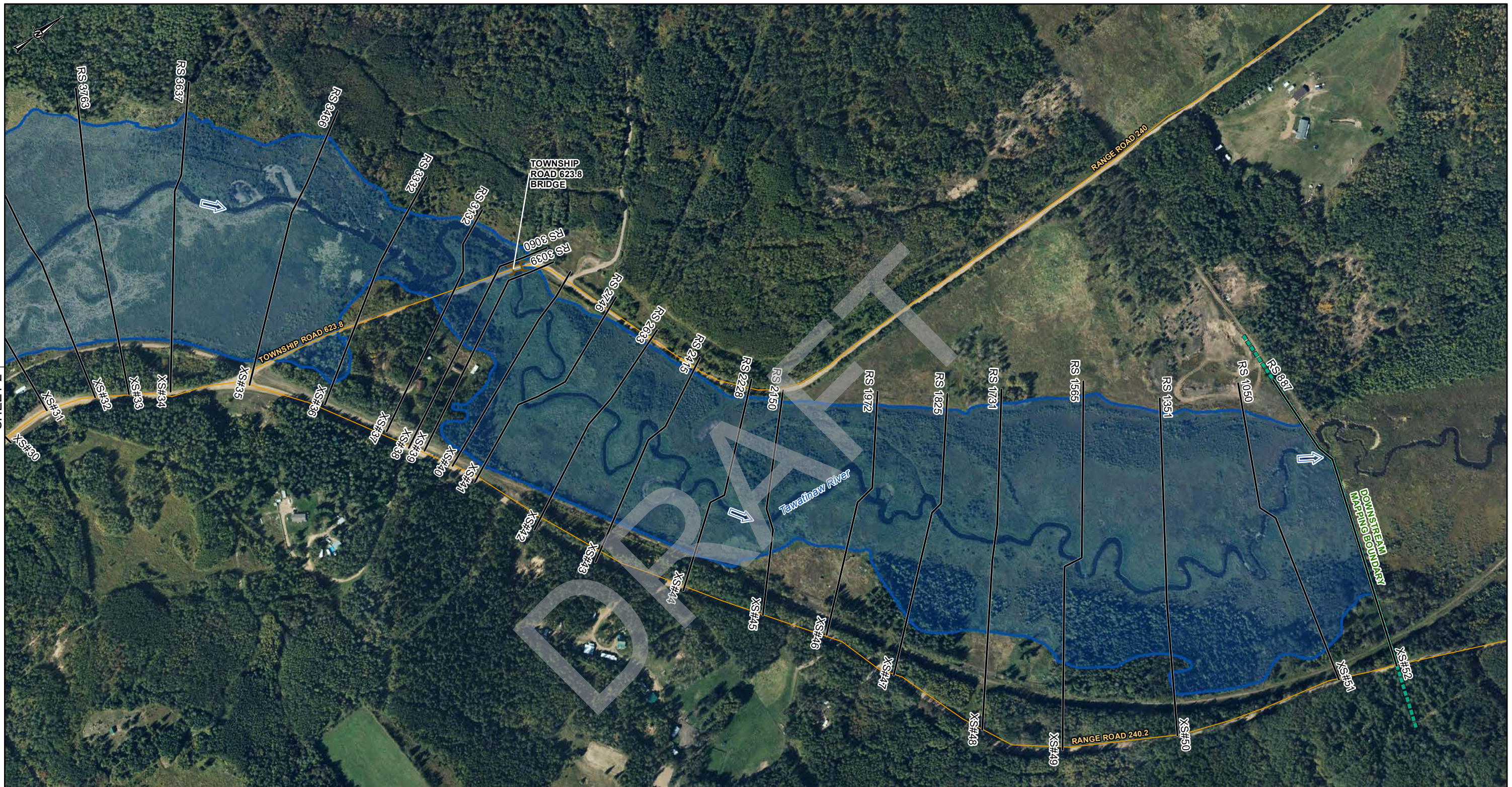
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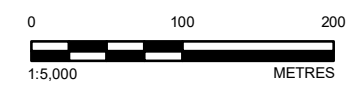
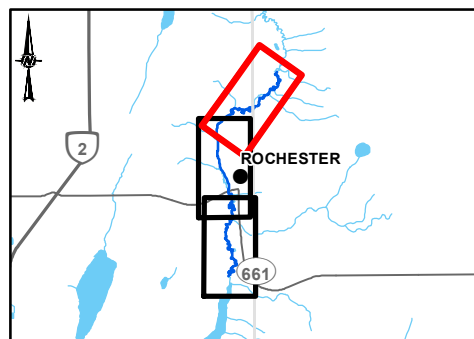
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PROJECT			
ROCHESTER FLOOD STUDY			
TITLE			
750-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO.	CONTROL	REV.	FIGURE
20368084	4000	0	2 of 3



SHEET 2 ↑

LEGEND		750-YEAR FLOOD INUNDATION EXTENT
—	CROSS SECTION	750-YEAR FLOOD EXTENT
XS#85	CROSS SECTION NUMBER	TAWATINAW RIVER = 66.9 M ³ /S
RS 552	RIVER STATION (M)	
	MAPPING BOUNDARY	
	FLOW DIRECTION	
	LOCAL ROAD	
	PRIMARY HIGHWAY	
	SECONDARY HIGHWAY	
HYDRAULIC STRUCTURES		
	BRIDGE	
	CULVERT	



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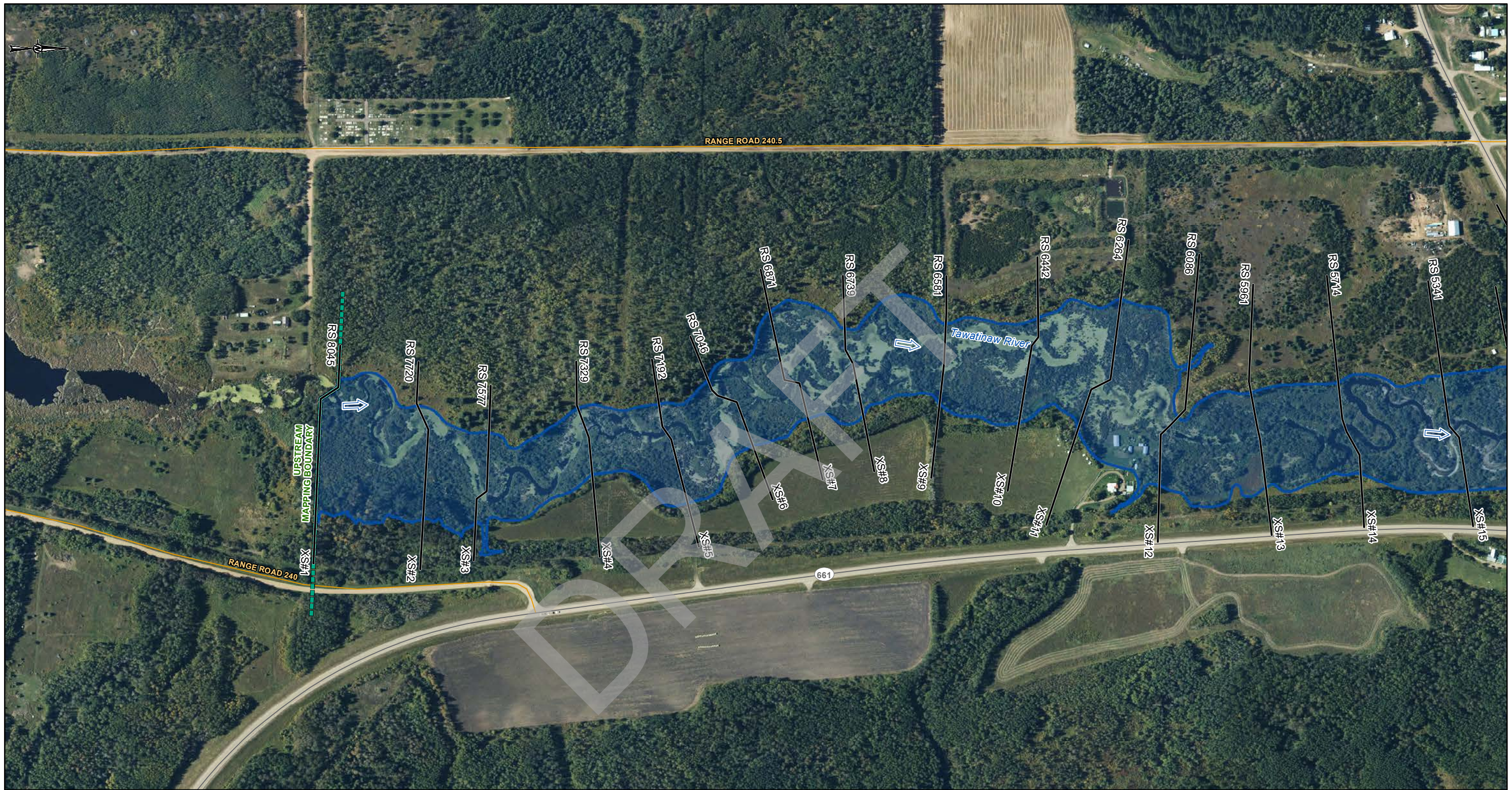
PROJECT
ROCHESTER FLOOD STUDY

TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368084	4000	0	3 of 3

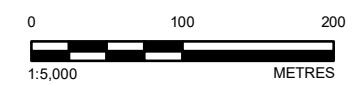
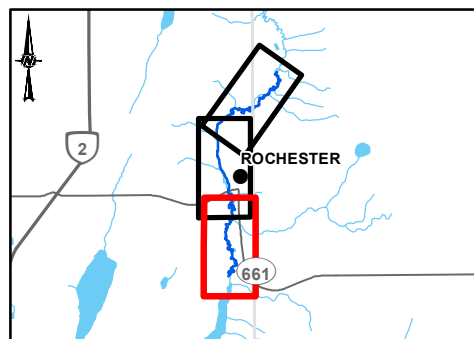
1,000-YEAR FLOOD INUNDATION EXTENT

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SHEET 2

LEGEND	
	CROSS SECTION
	CROSS SECTION NUMBER
	RIVER STATION (M)
	MAPPING BOUNDARY
	FLOW DIRECTION
	LOCAL ROAD
	PRIMARY HIGHWAY
	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
	BRIDGE
	CULVERT
1000-YEAR FLOOD INUNDATION EXTENT	
	1000-YEAR FLOOD EXTENT
DISCHARGE	
TAWATINAW RIVER = 70.4 M ³ /S	



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 GOLDER
MEMBER OF WSP

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DESIGNED	AG
PREPARED	SK
REVIEWED	JC
APPROVED	HZ

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PROJECT ROCHESTER FLOOD STUDY			
TITLE 1000-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 1 of 3

I:\CLIENTS\20368084\Maping\Hydro\04_Open Water Flood Inundation Mapping\20368084_1000yrInundation_Rev0.mxd PRINTED ON: 2021-10-04 AT: 9:30:19 AM

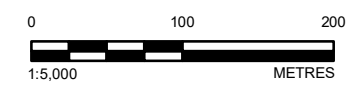
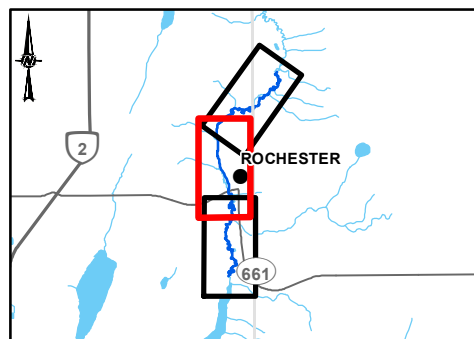
25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



SHEET 1 ↑

↑ SHEET 3

LEGEND	
—	CROSS SECTION
XS#85	CROSS SECTION NUMBER
RS 552	RIVER STATION (M)
▬▬▬	MAPPING BOUNDARY
➔	FLOW DIRECTION
—	LOCAL ROAD
—	PRIMARY HIGHWAY
—	SECONDARY HIGHWAY
HYDRAULIC STRUCTURES	
⌈—⌋	BRIDGE
⬠	CULVERT
1000-YEAR FLOOD INUNDATION EXTENT	
▬	1000-YEAR FLOOD EXTENT
DISCHARGE TAWATINAW RIVER = 70.4 M ³ /S	



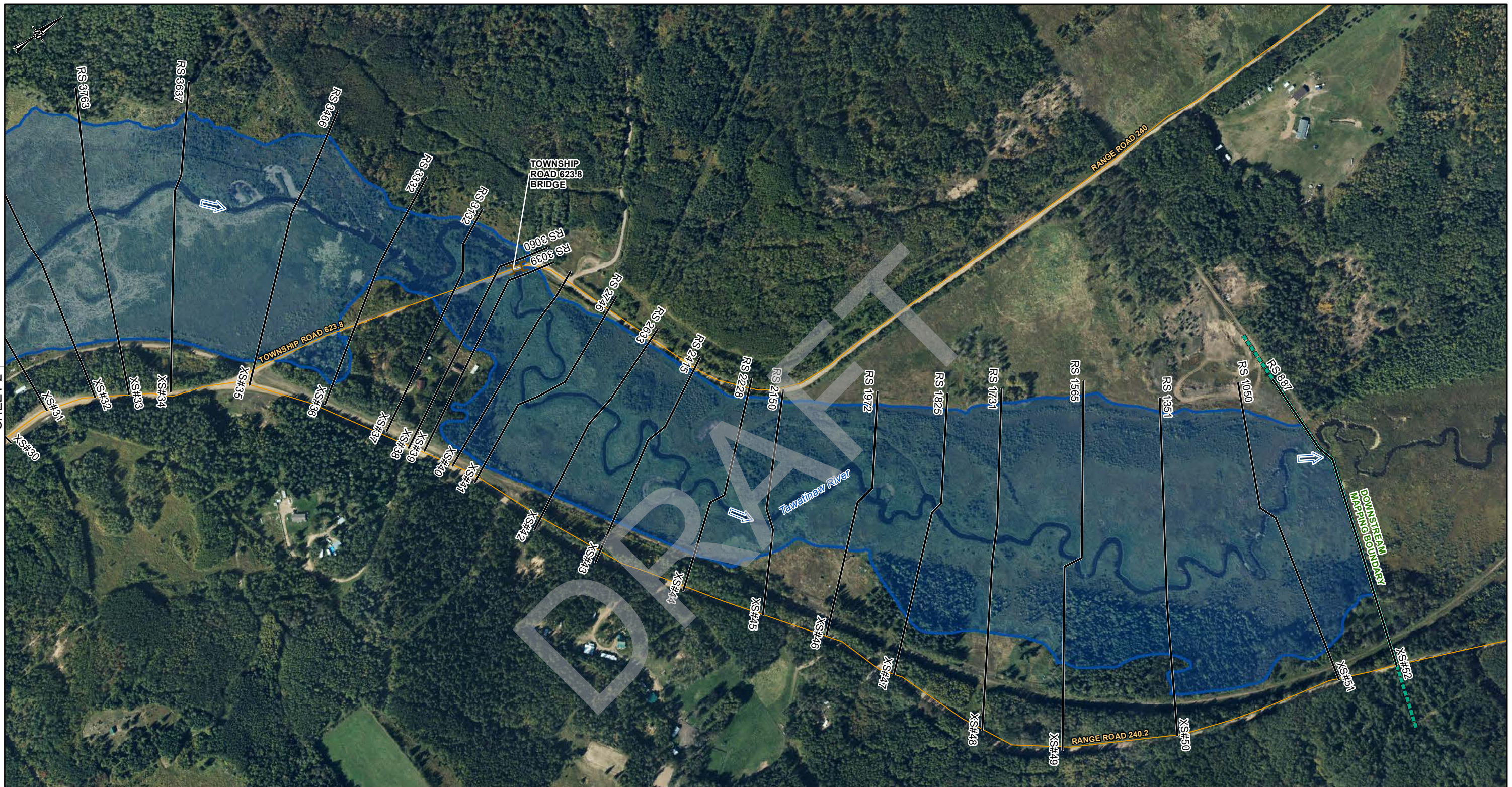
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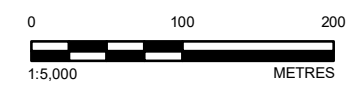
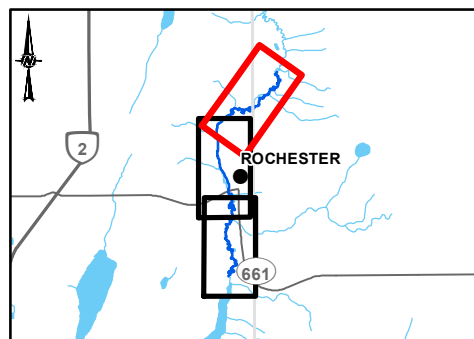
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PROJECT ROCHESTER FLOOD STUDY			
TITLE 1000-YEAR FLOOD INUNDATION EXTENT			
PROJECT NO. 20368084	CONTROL 4000	REV. 0	FIGURE 2 of 3



SHEET 2

LEGEND		
— CROSS SECTION	HYDRAULIC STRUCTURES	1000-YEAR FLOOD INUNDATION EXTENT
X#85 CROSS SECTION NUMBER	BRIDGE	1000-YEAR FLOOD EXTENT
RS 552 RIVER STATION (M)	CULVERT	
MAPPING BOUNDARY		
FLOW DIRECTION		
LOCAL ROAD		
PRIMARY HIGHWAY		
SECONDARY HIGHWAY		
	DISCHARGE	
	TAWATINAW RIVER = 70.4 M ³ /S	



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PROJECT ROCHESTER FLOOD STUDY	
TITLE 1000-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368084	CONTROL 4000
REV. 0	FIGURE 3 of 3

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