

Niagara Region
PUBLIC WORKS

REGIONAL CHAIRMAN

The map shows the Project Site area in Virgil. Key roads include Hunter Road, Regional Road 85 (East West Line), Waggon Road, Line 1 Road, Line 2 Road, Line 3 Road, Concession 4 Road, Concession 6 Road, Concession 7 Road, Concession 8 Road, Concession 9 Road, and Concession 10 Road. The Project Site is located south of Line 2 Road and east of Concession 6 Road. A cloud-shaped area is labeled 'REGIONAL ROAD 85 (NAGAR STONE ROAD)'. A road labeled 'FOUR MILE CREEK RD' is shown in the upper left. A road labeled 'NAGAR ST' is shown in the upper right. The town of Virgil is marked in the center. A north arrow is located in the upper right corner.

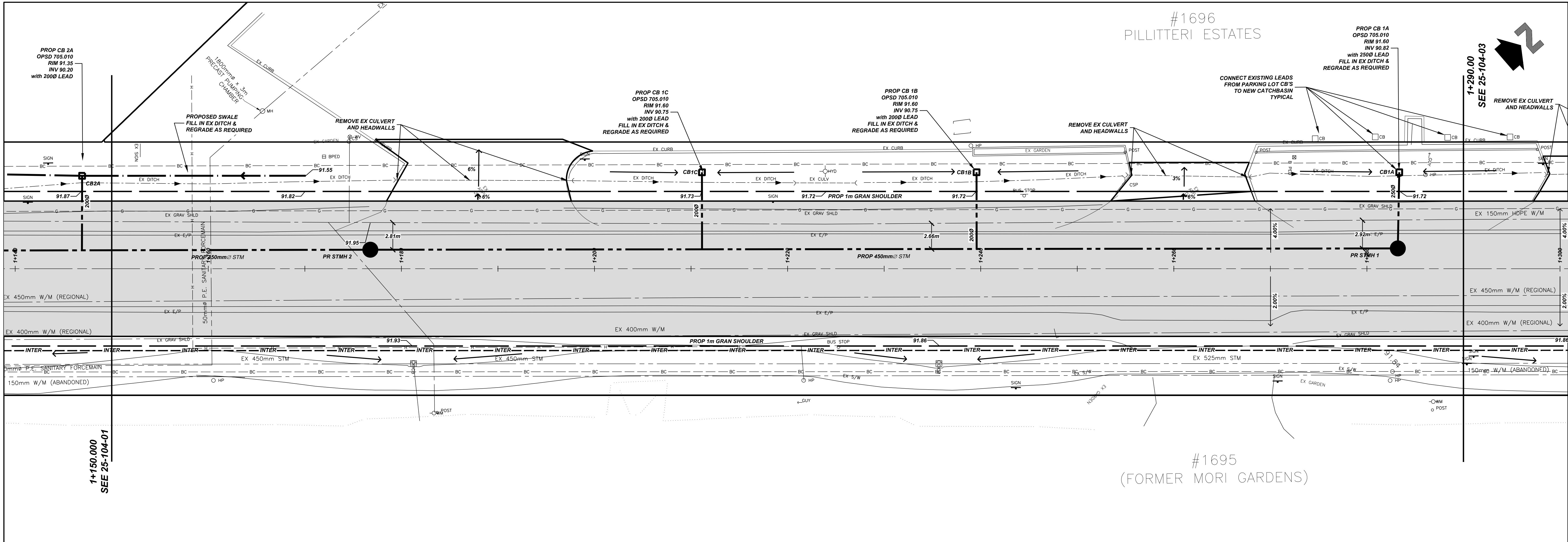
LOCATION PLAN - (NTS)

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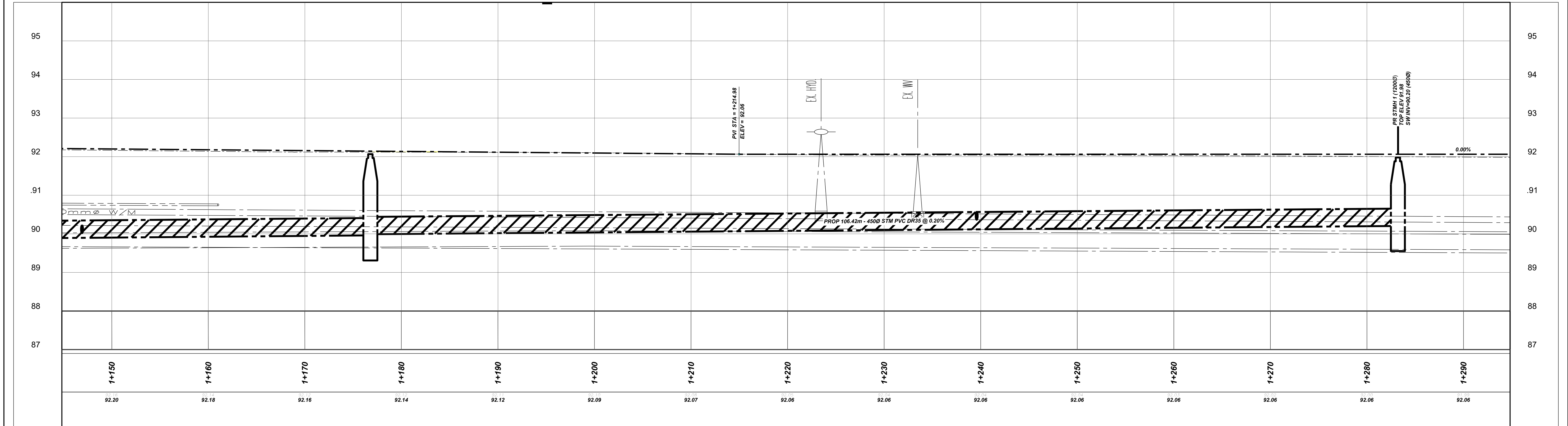
2025-T-223

**REGIONAL ROAD 55 (NIAGARA STONE ROAD)
Road Reconstruction & Improvements
from 230m NE of Penner Rd/Line 1 Rd to East/West Line
in the TOWN OF NIAGARA-ON-THE-LAKE**

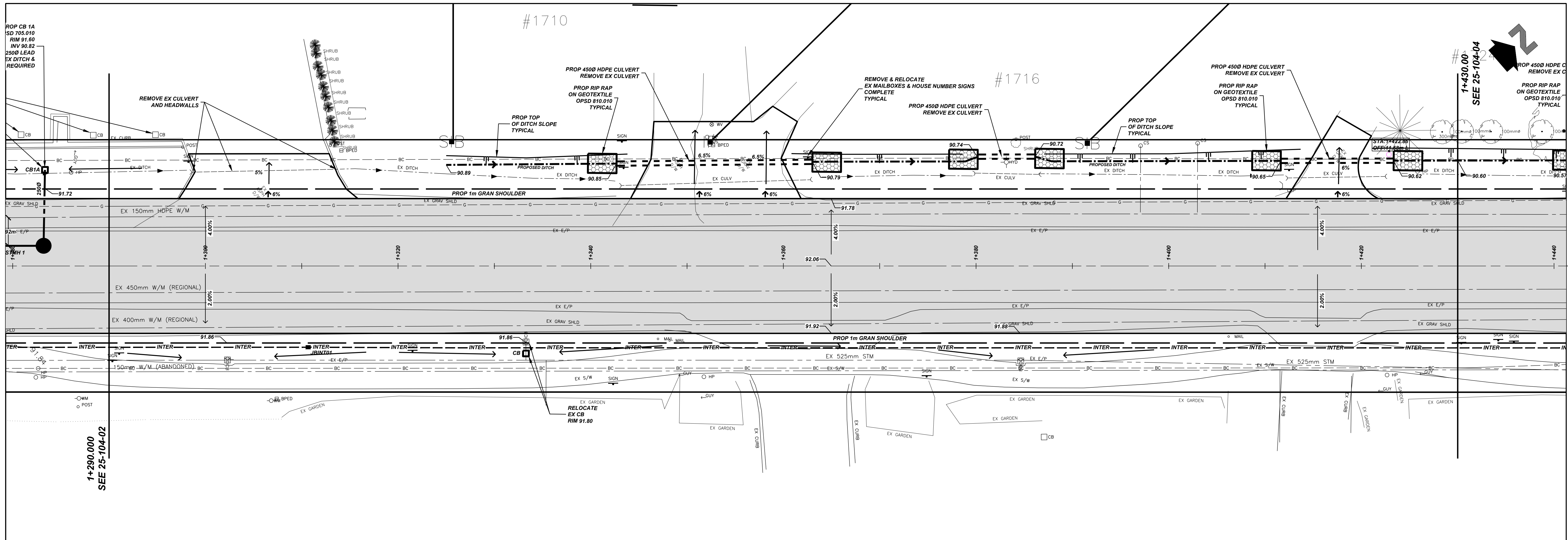
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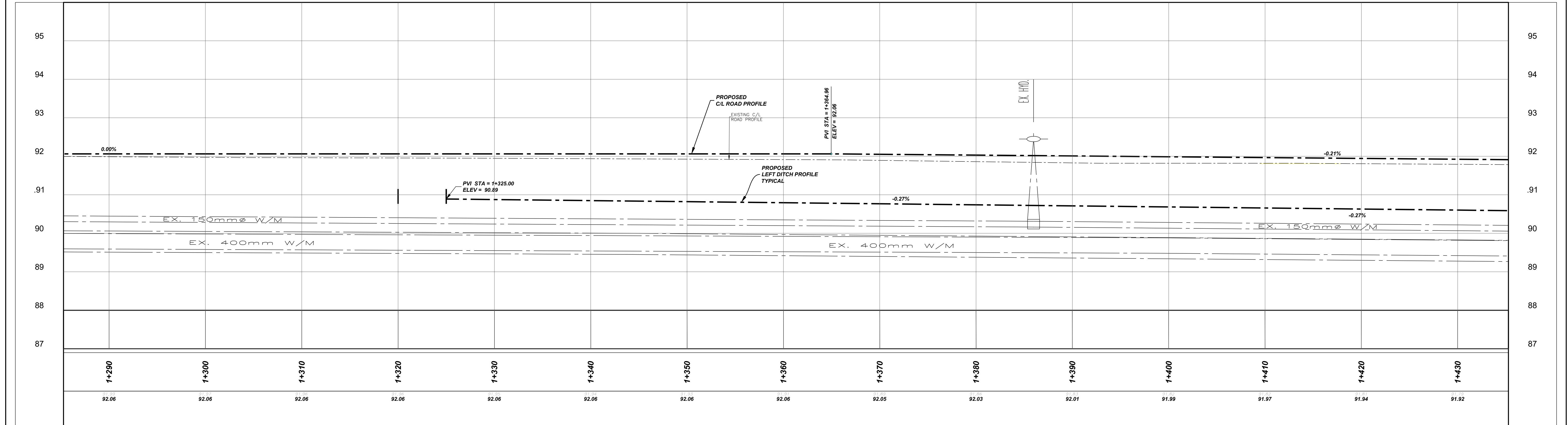
REGIONAL ROAD 55 - NIAGARA STONE ROAD



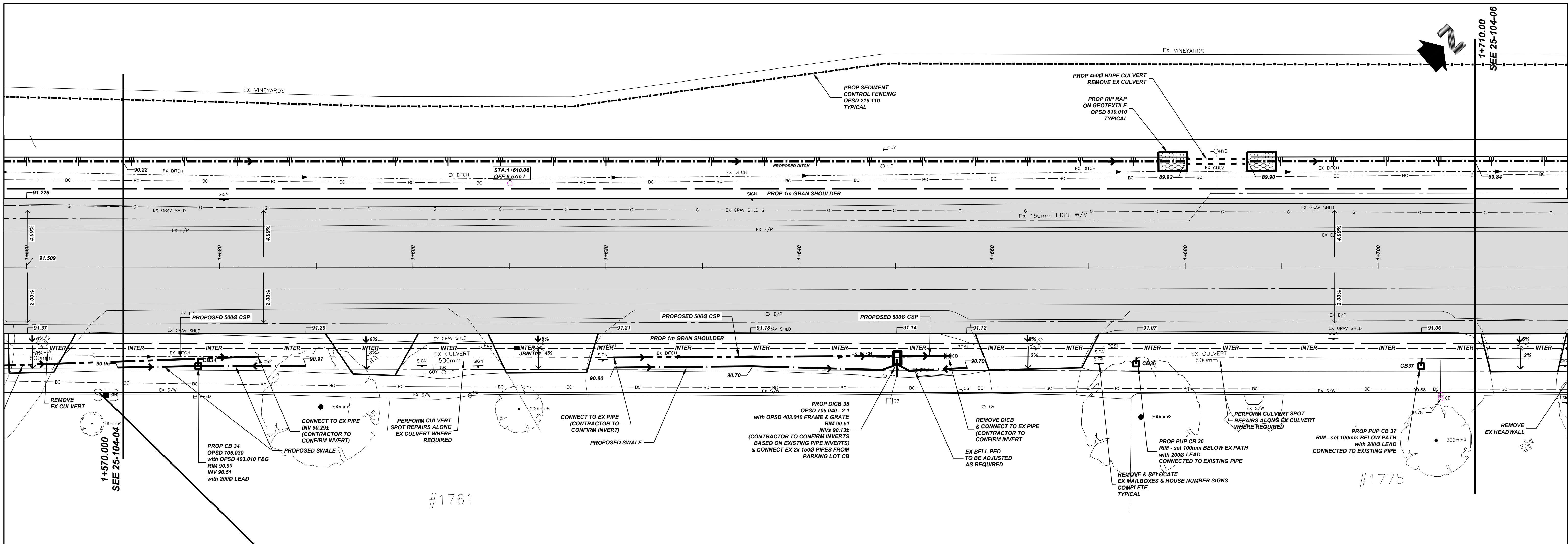
			NOTES/LEGEND			DRAFTING			NiagaraRegion PUBLIC WORKS UEMURBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES	PROJECT / CONTRACT # 2025-T-223 REGIONAL ROAD 55 (NIAGARA STONE ROAD) Road Reconstruction & Improvements from 230m NE of Penner Rd/Line 1 Rd to East/West Line in the Town of Niagara-on-the-Lake 1+150 to 1+290			CONSULTANT FILE No. 25-104		
			1 THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.			AK							DATE 2026-03-03		
			2 PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD, TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.			AK/SB							SCALE Hor : 1:200 m Ver : 1:50 m		
						CHECKED BY SB							REF. No. # 2025-T-223		
3 ISSUED FOR TENDER			2026-04-01 EL			APPROVED BY SB							DWG No. 25-104-02		
2 ISSUED FOR CLU-ECA APPROVAL			2026-03-04 EL										REV. 3		
1 ISSUED FOR 90% REVIEW			2026-02-24 EL												
NO. REVISION			DATE INIT.												



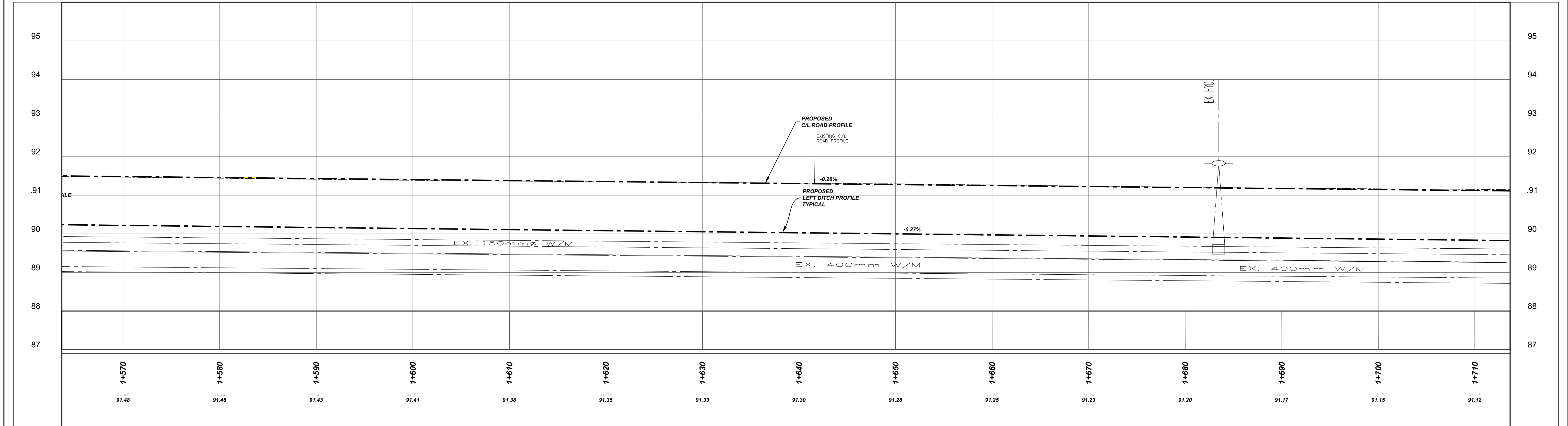
REGIONAL ROAD 55 - NIAGARA STONE ROAD



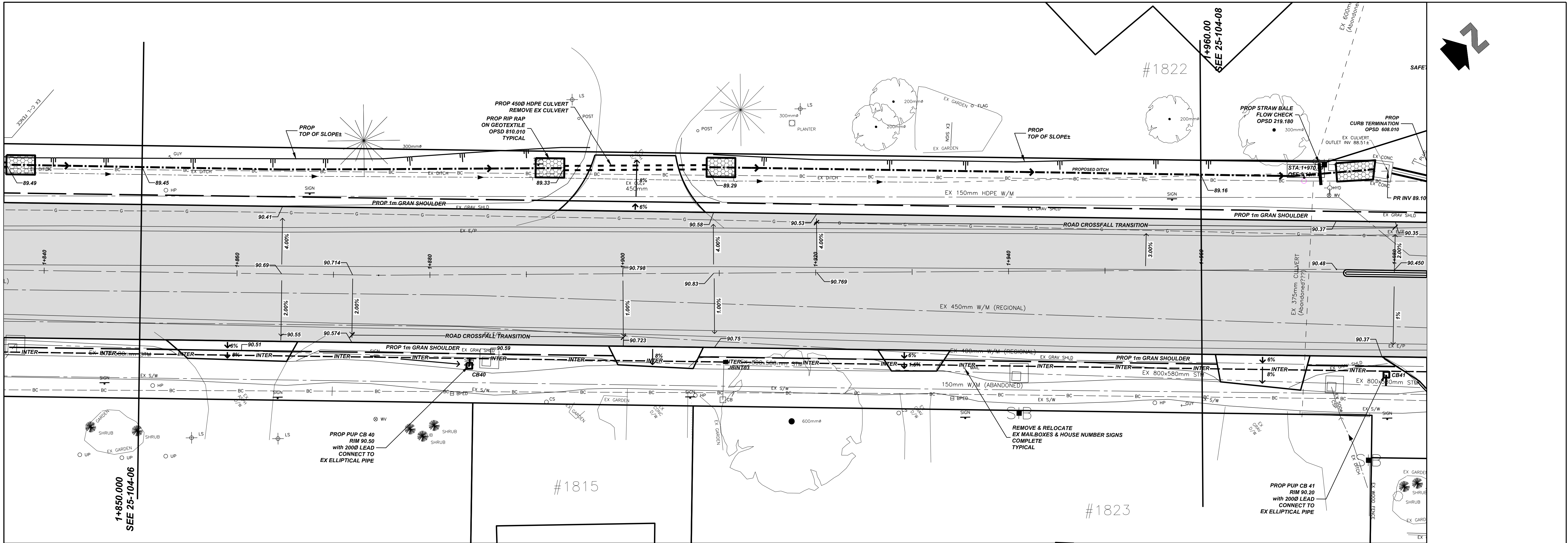
				NOTES/LEGEND		DRAFTING		Niagara Region PUBLIC WORKS UEM URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES	PROJECT / CONTRACT # 2025-T-223 REGIONAL ROAD 55 (NIAGARA STONE ROAD) Road Reconstruction & Improvements from 230m NE of Penner Rd/Line 1 Rd to East/West Line in the Town of Niagara-on-the-Lake 1+290 to 1+430	CONSULTANT FILE No. 25-104		REV.
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						CHECKED BY SB				REF. No. # 2025-T-223		
3	ISSUED FOR TENDER	2026-04-01	EL			APPROVED BY SB				DWG. No. 25-104-03		3
2	ISSUED FOR CLU-ECA APPROVAL	2026-03-04	EL									
1	ISSUED FOR 90% REVIEW	2026-02-24	EL									
NO.	REVISION	DATE	INIT.									



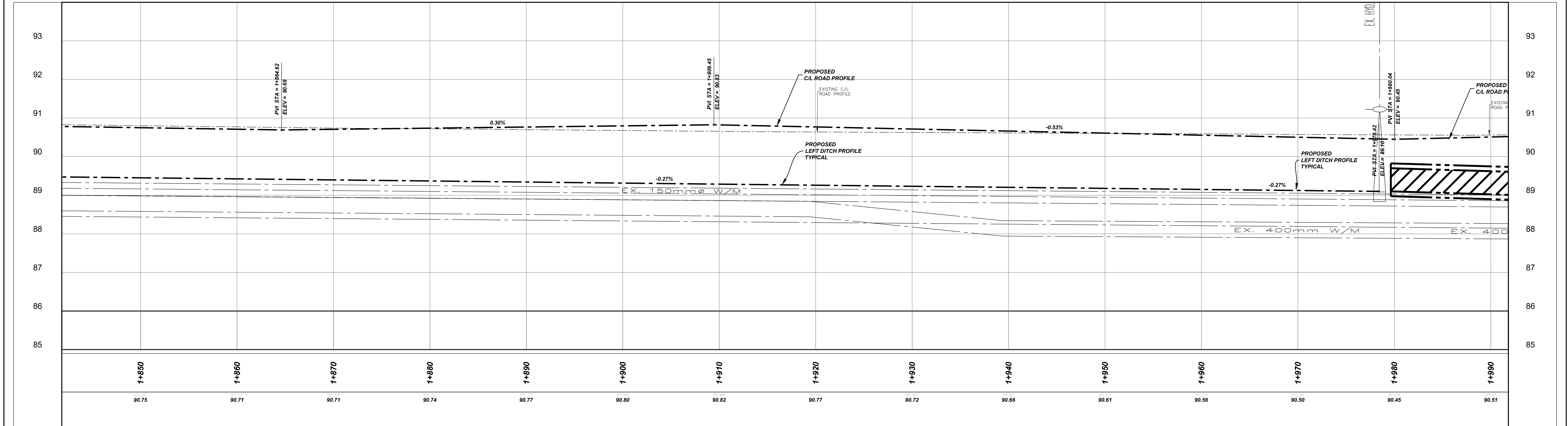
REGIONAL ROAD 55 - NIAGARA STONE ROAD



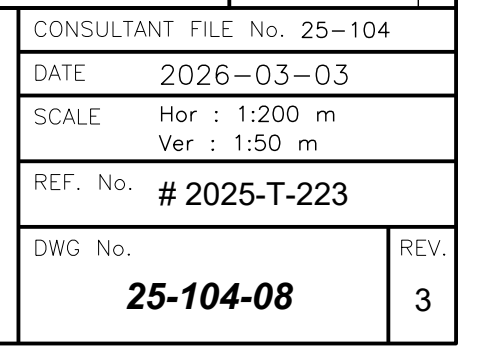
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3 ISSUED FOR TENDER			2026-04-01		CHECKED BY SB			REF. No. # 2025-T-223			
2 ISSUED FOR CLU-ECA APPROVAL			2026-03-04		APPROVED BY SB			DWG No.		REV.	
1 ISSUED FOR 90% REVIEW			2026-02-24					25-104-05		3	
NO.		REVISION	DATE		INIT.						

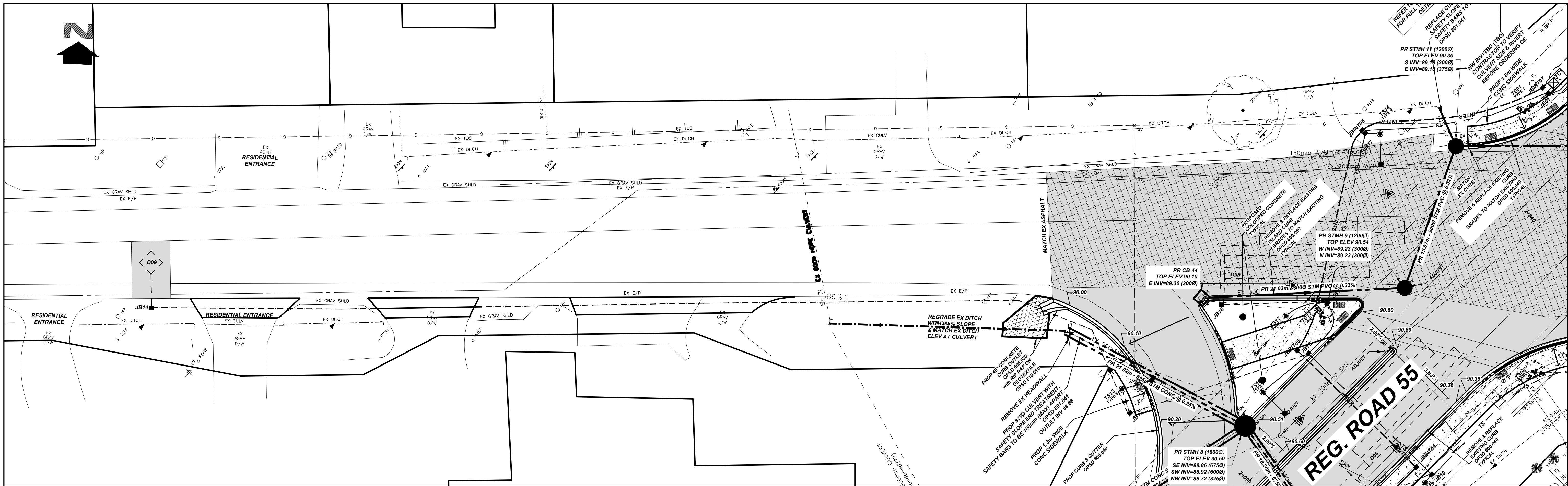


REGIONAL ROAD 55 - NIAGARA STONE ROAD

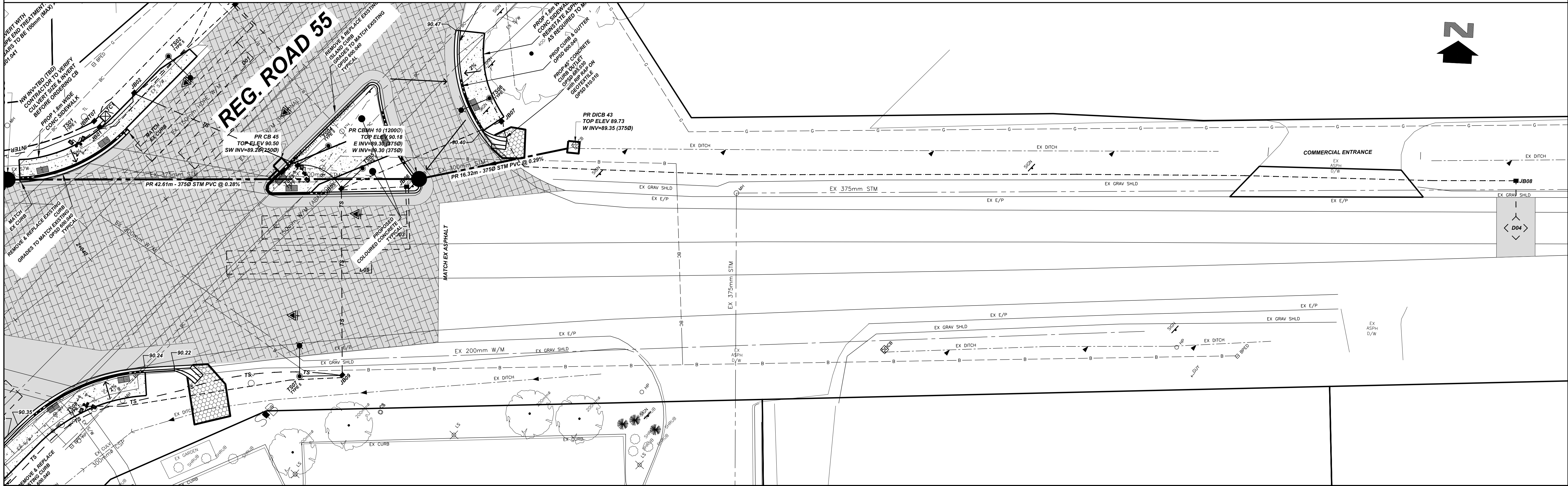


			NOTES/LEGEND		DRAFTING		Niagara Region PUBLIC WORKS	PROJECT / CONTRACT # 2025-T-223 REGIONAL ROAD 55 (NIAGARA STONE ROAD) Road Reconstruction & Improvements from 230m NE of Penner Rd/Line 1 Rd to East/West Line in the Town of Niagara-on-the-Lake 1+850 to 1+960	CONSULTANT FILE No. 25-104	
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					CHECKED BY SB				REF. No. # 2025-T-223	
					APPROVED BY SB		DWG. No. 25-104-07			
							REV. 3			
3	ISSUED FOR TENDER	2026-04-01	EL							
2	ISSUED FOR CLU-ECA APPROVAL	2026-03-04	EL							
1	ISSUED FOR 90% REVIEW	2026-02-24	EL							
NO.	REVISION	DATE	INIT.							





EAST WEST LINE



NO.	REVISION	DATE	INIT.
3	ISSUED FOR TENDER	2026-04-01	EL
2	ISSUED FOR CLU-ECA APPROVAL	2026-03-04	EL
1	ISSUED FOR 90% REVIEW	2026-02-24	EL

NOTES/LEGEND

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DESIGN	AK/SB
CHECKED BY	SB
APPROVED BY	SB

Niagara Region

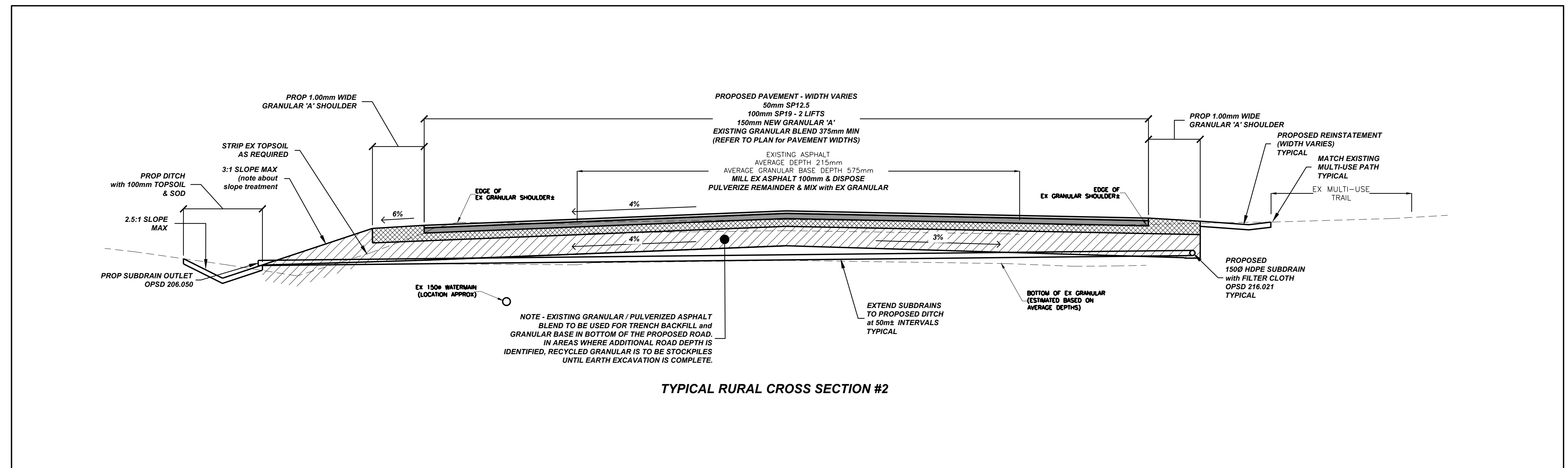
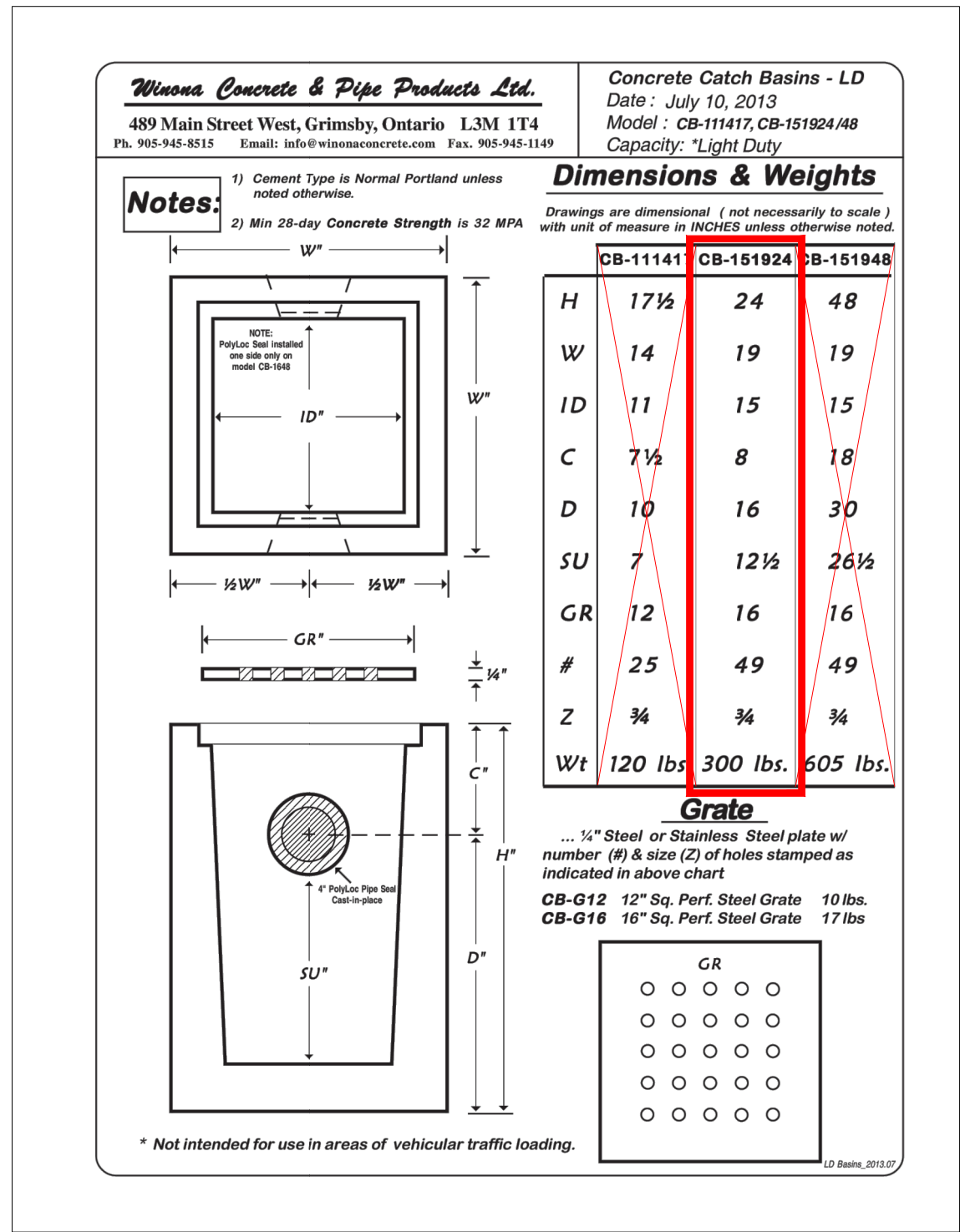
PUBLIC WORKS

UEM

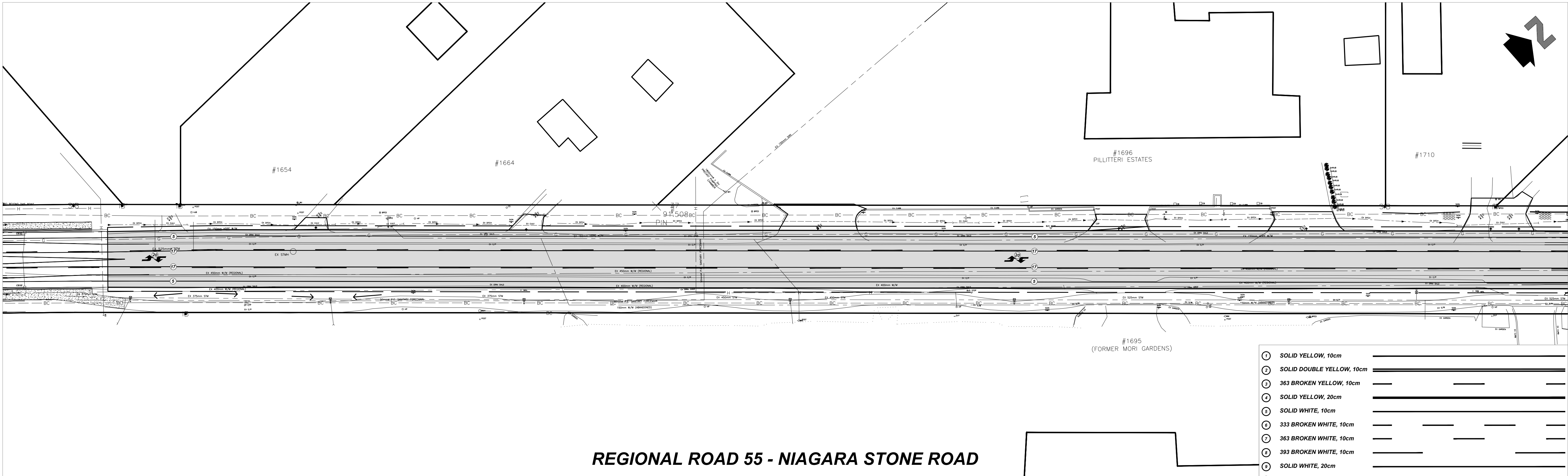
URBAN & ENVIRONMENTAL
MANAGEMENT INC.
PROFESSIONAL CONSULTING SERVICES

PROJECT / CONTRACT # 2025-T-223
REGIONAL ROAD 55 (NIAGARA STONE ROAD)
Road Reconstruction & Improvements
from 230m NE of Penner Rd/Line 1 Rd to East/West Line
in the Town of Niagara-on-the-Lake
East West Line

CONSULTANT FILE NO. 25-104	REV.
DATE 2026-03-03	3
SCALE Hor : 1:200 m Ver : 1:50 m	
REF. No. # 2025-T-223	
DWG. No. 25-104-09	

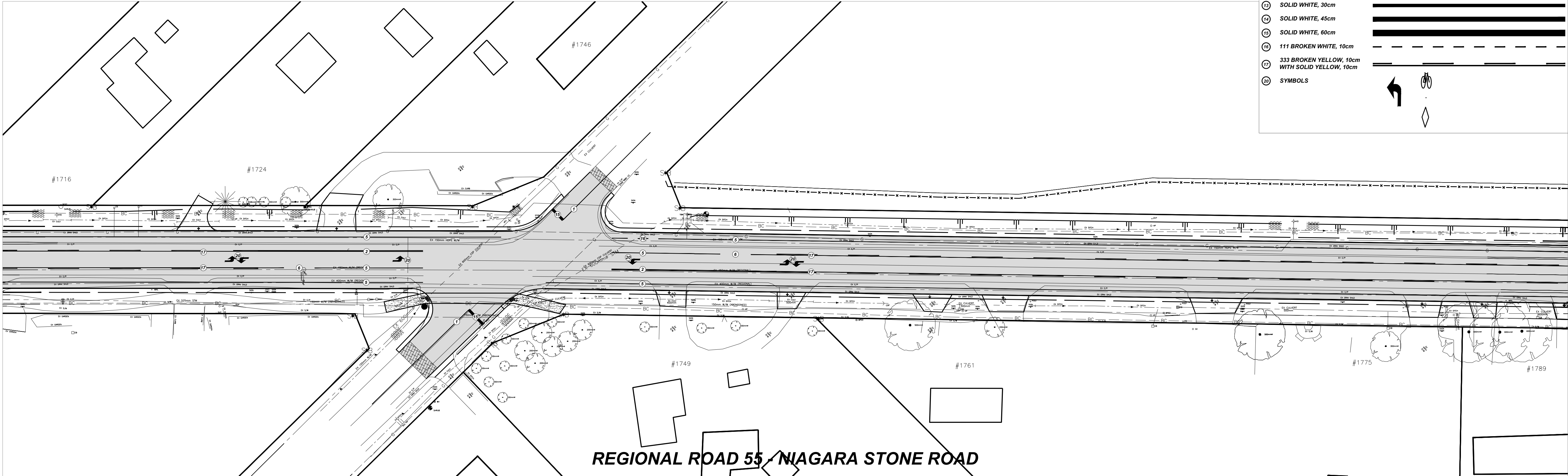


					NOTES / LEGEND	DRAFTING	NiagaraRegion PUBLIC WORKS UEM URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES	PROJECT / CONTRACT # 2025-T-223 REGIONAL ROAD 55 (NIAGARA STONE ROAD) Road Reconstruction & Improvements from 230m NE of Penner Rd/Line 1 Rd to East/West Line in the Town of Niagara-on-the-Lake TYPICAL SECTIONS & DETAILS	CONSULTANT FILE No. 25-104	
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3	ISSUED FOR TENDER	2026-04-01	EL		CHECKED BY	REF. No. # 2025-T-223				
2	ISSUED FOR CLI-ECA APPROVAL	2026-03-04	EL		SB	DWG No. 25-104-10			REV. 3	
1	ISSUED FOR 90% REVIEW	2026-02-24	EL		APPROVED BY					
NO.	REVISION	DATE	INIT.		SB					



REGIONAL ROAD 55 - NIAGARA STONE ROAD

①	SOLID YELLOW, 10cm	
②	SOLID DOUBLE YELLOW, 10cm	
③	363 BROKEN YELLOW, 10cm	
④	SOLID YELLOW, 20cm	
⑤	SOLID WHITE, 10cm	
⑥	333 BROKEN WHITE, 10cm	
⑦	363 BROKEN WHITE, 10cm	
⑧	393 BROKEN WHITE, 10cm	
⑨	SOLID WHITE, 20cm	
⑩	111 BROKEN WHITE, 20cm	
⑪	333 BROKEN WHITE, 20cm	
⑫	333 BROKEN WHITE, 30cm	
⑬	SOLID WHITE, 30cm	
⑭	SOLID WHITE, 45cm	
⑮	SOLID WHITE, 60cm	
⑯	111 BROKEN WHITE, 10cm	
⑰	333 BROKEN YELLOW, 10cm WITH SOLID YELLOW, 10cm	
⑱	SYMBOLS	



REGIONAL ROAD 55 - NIAGARA STONE ROAD

NO.	REVISION	DATE	INIT.
3	ISSUED FOR TENDER	2026-04-01	EL
2	ISSUED FOR CLU-ECA APPROVAL	2026-03-04	EL
1	ISSUED FOR 90% REVIEW	2026-02-24	EL

NOTES/LEGEND

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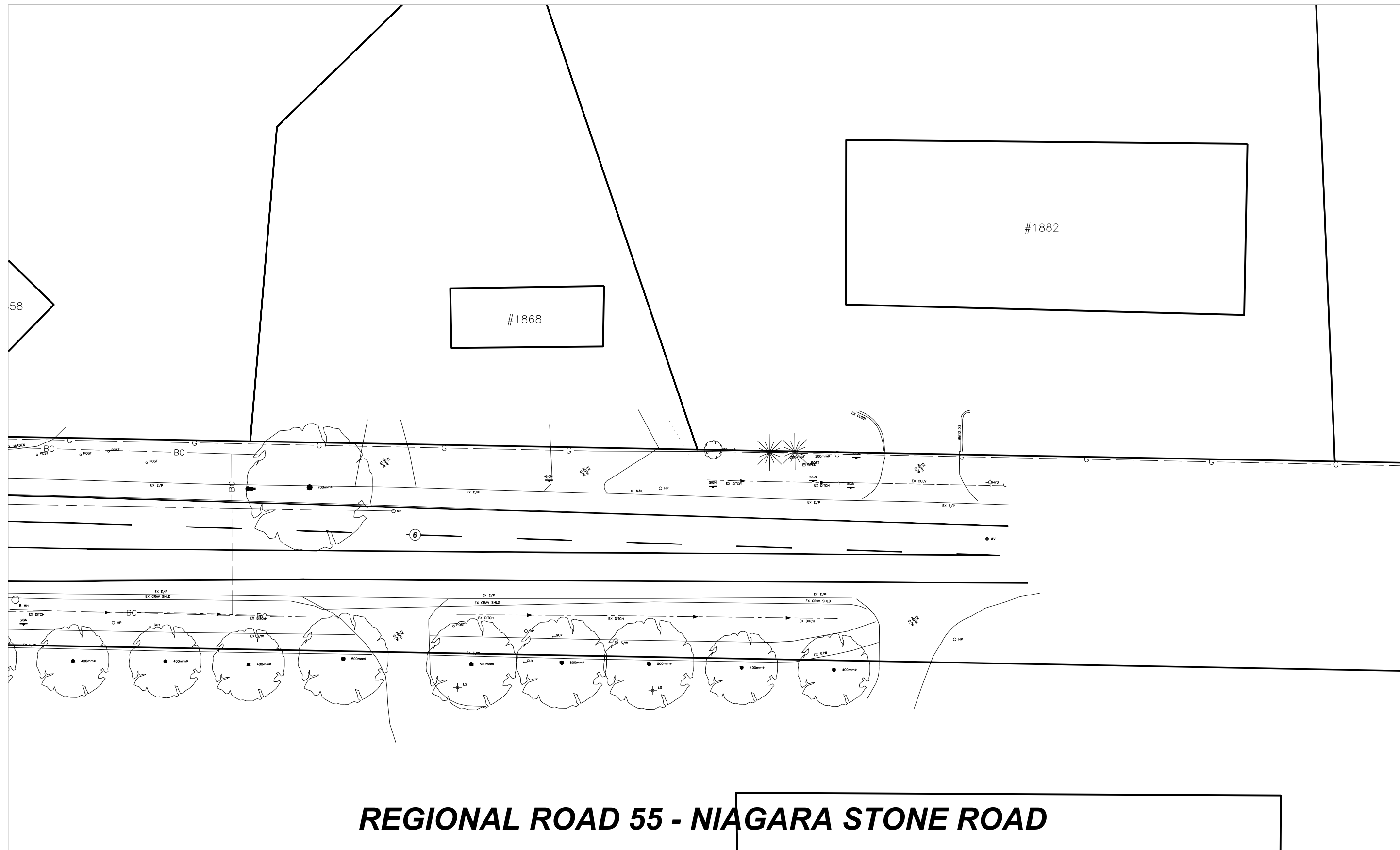
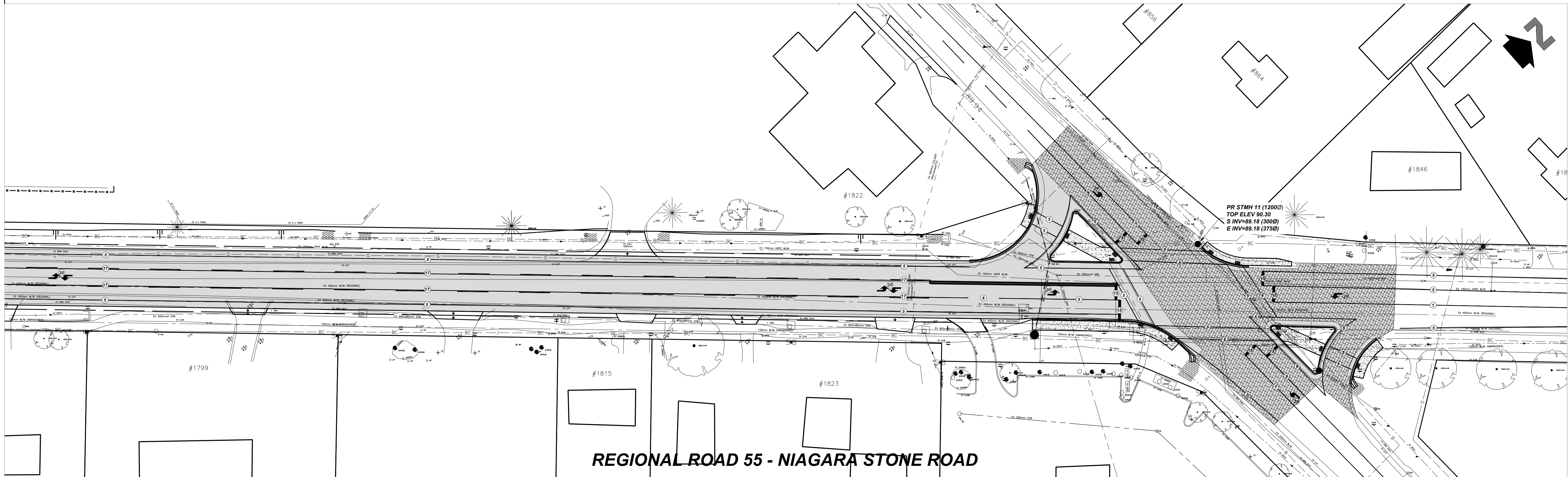
DRAFTING	AK
DESIGN	AK/SB
CHECKED BY	SB
APPROVED BY	SB

Niagara Region
PUBLIC WORKS

UEM
URBAN & ENVIRONMENTAL
MANAGEMENT INC.
PROFESSIONAL CONSULTING SERVICES

PROJECT / CONTRACT # 2025-T-223
REGIONAL ROAD 55 (NIAGARA STONE ROAD)
Road Reconstruction & Improvements
from 230m NE of Penner Rd/Line 1 Rd to East/West Line
in the Town of Niagara-on-the-Lake
LINE PAINTING 1

CONSULTANT FILE No.	25-104
DATE	2026-03-03
SCALE	Hor : 1:200 m Ver : 1:50 m
REF. No.	# 2025-T-223
DWG. No.	25-104-LP11
REV.	3



①	SOLID YELLOW, 10cm	
②	SOLID DOUBLE YELLOW, 10cm	
③	363 BROKEN YELLOW, 10cm	
④	SOLID YELLOW, 20cm	
⑤	SOLID WHITE, 10cm	
⑥	333 BROKEN WHITE, 10cm	
⑦	363 BROKEN WHITE, 10cm	
⑧	393 BROKEN WHITE, 10cm	
⑨	SOLID WHITE, 20cm	
⑩	111 BROKEN WHITE, 20cm	
⑪	333 BROKEN WHITE, 20cm	
⑫	333 BROKEN WHITE, 30cm	
⑬	SOLID WHITE, 30cm	
⑭	SOLID WHITE, 45cm	
⑮	SOLID WHITE, 60cm	
⑯	111 BROKEN WHITE, 10cm	
⑰	333 BROKEN YELLOW, 10cm WITH SOLID YELLOW, 10cm	
⑱	SYMBOLS	

NO.	REVISION	DATE	INIT.
3	ISSUED FOR TENDER	2026-04-01	EL
2	ISSUED FOR CLU-ECA APPROVAL	2026-03-04	EL
1	ISSUED FOR 90% REVIEW	2026-02-24	EL

NOTES/LEGEND

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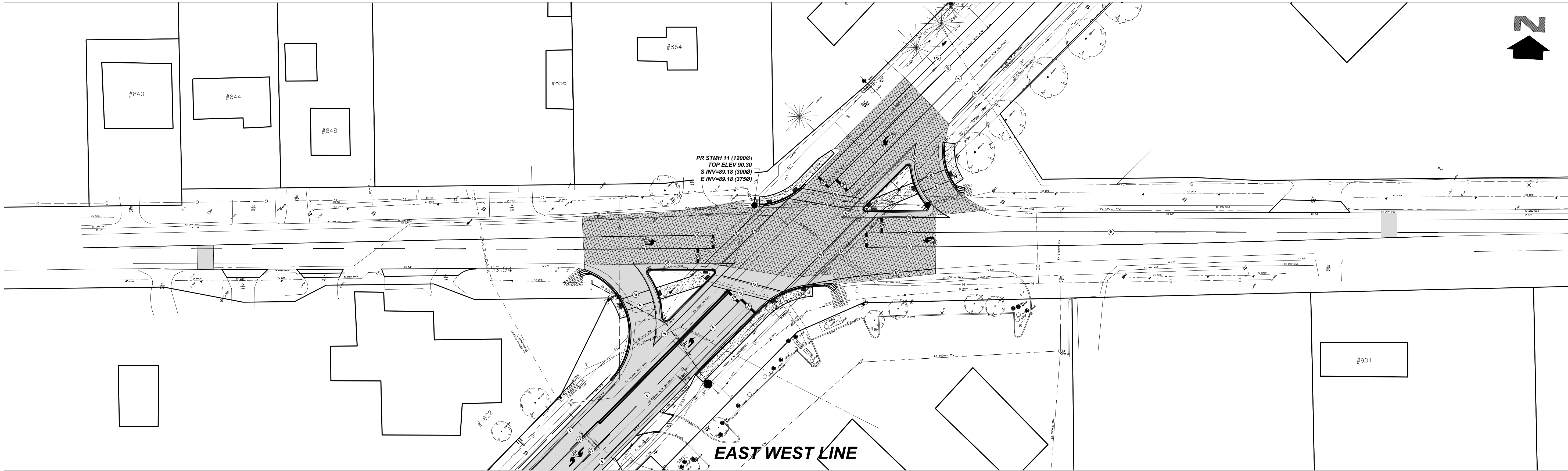
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DRAFTING	AK
DESIGN	AK/SB
CHECKED BY	SB
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PROJECT / CONTRACT # 2025-T-223
REGIONAL ROAD 55 (NIAGARA STONE ROAD)
Road Reconstruction & Improvements
from 230m NE of Penner Rd/Line 1 Rd to East/West Line
in the Town of Niagara-on-the-Lake
LINE PAINTING 2

CONSULTANT FILE No. 25-104	REV.
DATE 2026-03-03	3
SCALE Hor : 1:200 m Ver : 1:50 m	
REF. No. # 2025-T-223	
DWG. No. 25-104-LP12	



1	SOLID YELLOW, 10cm	
2	SOLID DOUBLE YELLOW, 10cm	
3	363 BROKEN YELLOW, 10cm	
4	SOLID YELLOW, 20cm	
5	SOLID WHITE, 10cm	
6	333 BROKEN WHITE, 10cm	
7	363 BROKEN WHITE, 10cm	
8	393 BROKEN WHITE, 10cm	
9	SOLID WHITE, 20cm	
10	111 BROKEN WHITE, 20cm	
11	333 BROKEN WHITE, 20cm	
12	333 BROKEN WHITE, 30cm	
13	SOLID WHITE, 30cm	
14	SOLID WHITE, 45cm	
15	SOLID WHITE, 60cm	
16	111 BROKEN WHITE, 10cm	
17	333 BROKEN YELLOW, 10cm WITH SOLID YELLOW, 10cm	
18	SYMBOLS	

3	ISSUED FOR TENDER	2026-04-01	EL
2	ISSUED FOR CLU-ECA APPROVAL	2026-03-04	EL
1	ISSUED FOR 90% REVIEW	2026-02-24	EL
NO.	REVISION	DATE	INIT.

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Niagara Region

PUBLIC WORKS

UEM

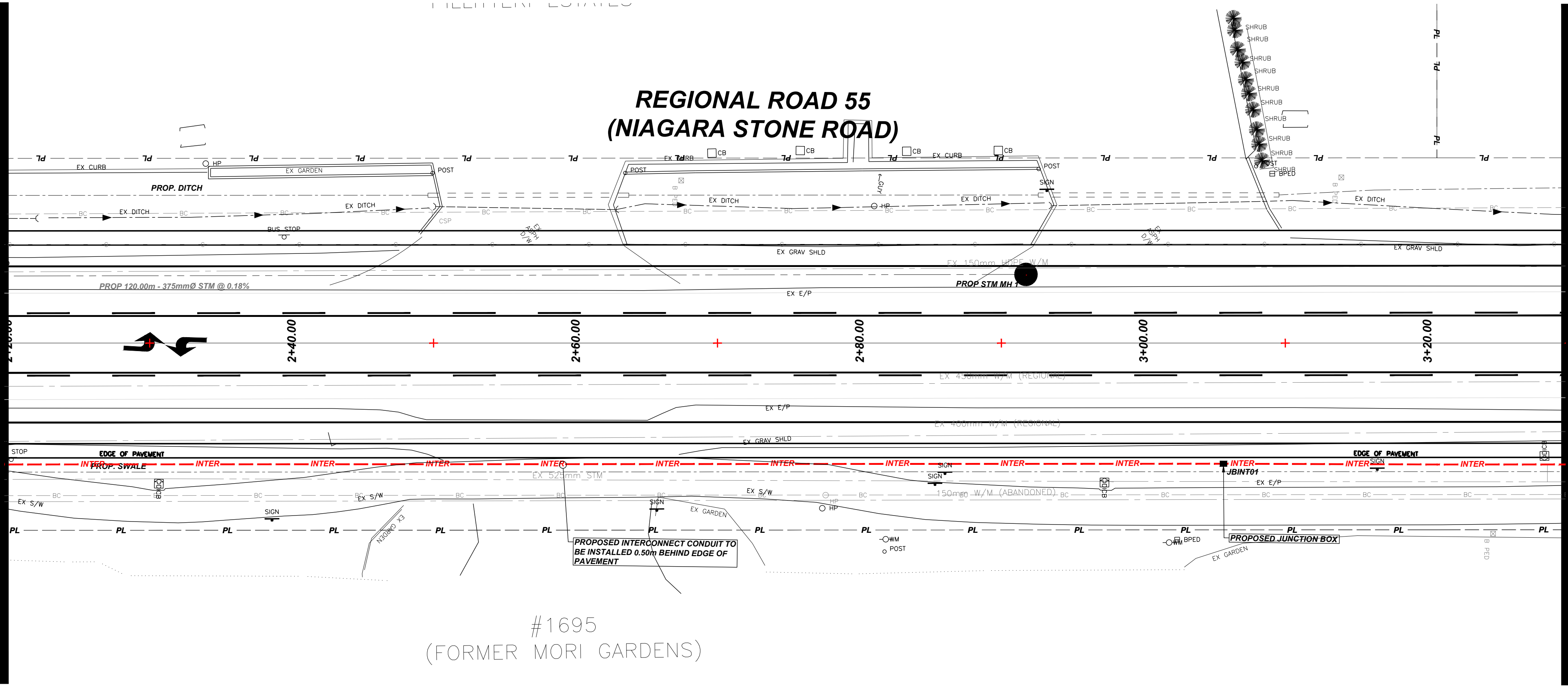
URBAN & ENVIRONMENTAL MANAGEMENT INC.

PROFESSIONAL CONSULTING SERVICES

PROJECT / CONTRACT # 2025-T-223
REGIONAL ROAD 55 (NIAGARA STONE ROAD)
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in the Town of Niagara-on-the-Lake
LINE PAINTING 3

CONSULTANT FILE No.	25-104
DATE	2026-03-03
SCALE	Hor : 1:200 m Ver : 1:50 m
REF. No.	# 2025-T-223
DWG. No.	25-104-LP13
REV.	3

MATCHLINE STATION 2+20
(CONTINUED FROM DWG - INTER_01)



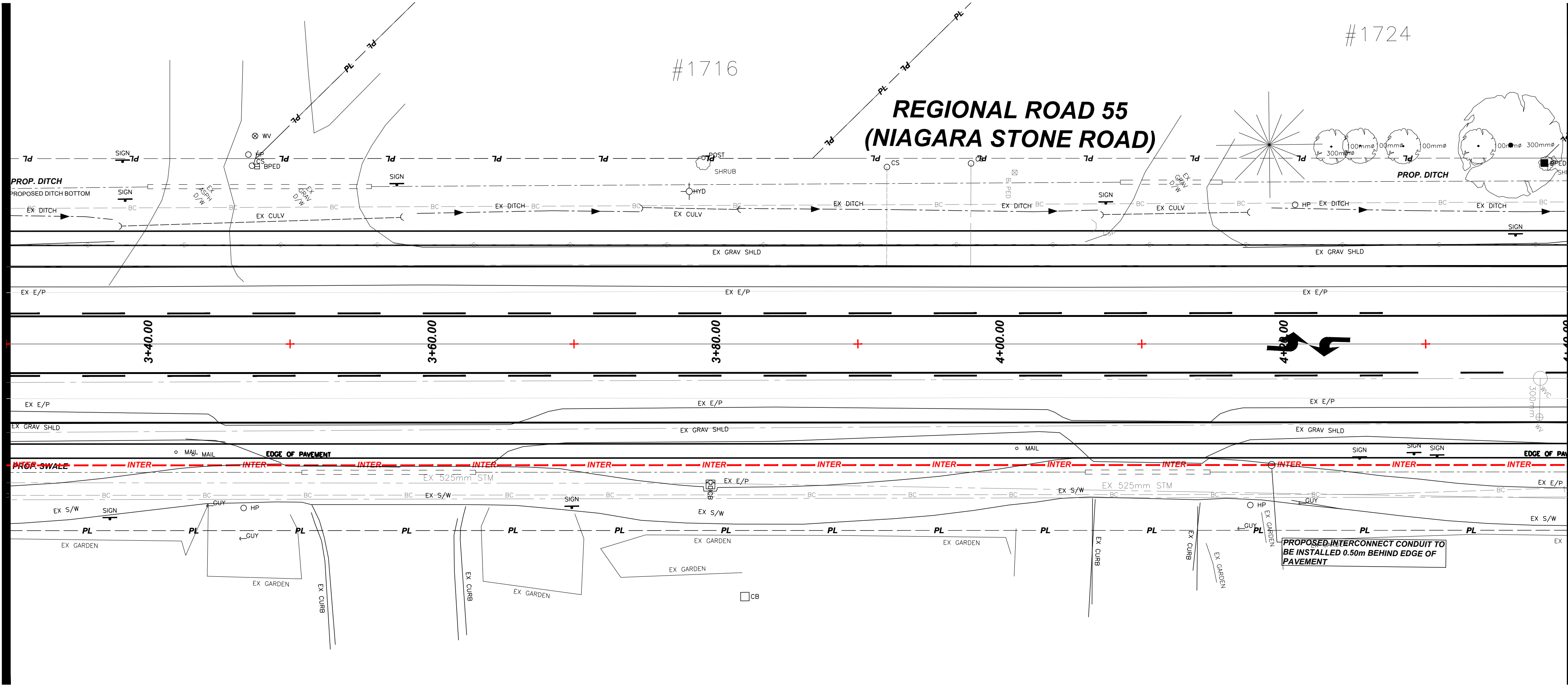
MATCHLINE STATION 3+30
(SEE BELOW)

ELECTRICAL MAINTENANCE HOLES & MAINHOLES			
LOCATION (QUADRANT)	POLE OR STRUCT. No.	SIZE (mm)	COMMENTS
EAST SIDE	JBINT01	330 x 600	CONCRETE POLYMER

LEGEND	
	BASE MOUNTED TRAFFIC CONTROLLER
	EXISTING JUNCTION BOX
	PROPOSED JUNCTION BOX
	EXISTING MANHOLE
	POWER SUPPLY POLE
	PROPOSED POWER SUPPLY POLE
	EXISTING LUMINAIRE POLE
	PROPOSED LUMINAIRE POLE
	EXISTING POWER DISTRIBUTION CABINET / DISCONNECT
	PROPOSED POWER DISTRIBUTION CABINET / DISCONNECT
	EXISTING LUMINAIRE
	PROPOSED LUMINAIRE
	TRAFFIC SIGN (Example shows Rb-25 Sign)
	HYDRO METER

TRAFFIC SIGNAL LINETYPES	
	PROPOSED TRAFFIC SIGNAL CONDUITS (1-100mm AND 1-50mm)
	PROPOSED TRAFFIC SIGNAL CONDUIT (1-50mm)
	PROPOSED INTERCONNECT CONDUIT (1-50mm)
	PROPERTY LINE

MATCHLINE STATION 3+30
(FROM ABOVE)



MATCHLINE STATION 4+40
(CONTINUE TO DRAWING - INTER_03)

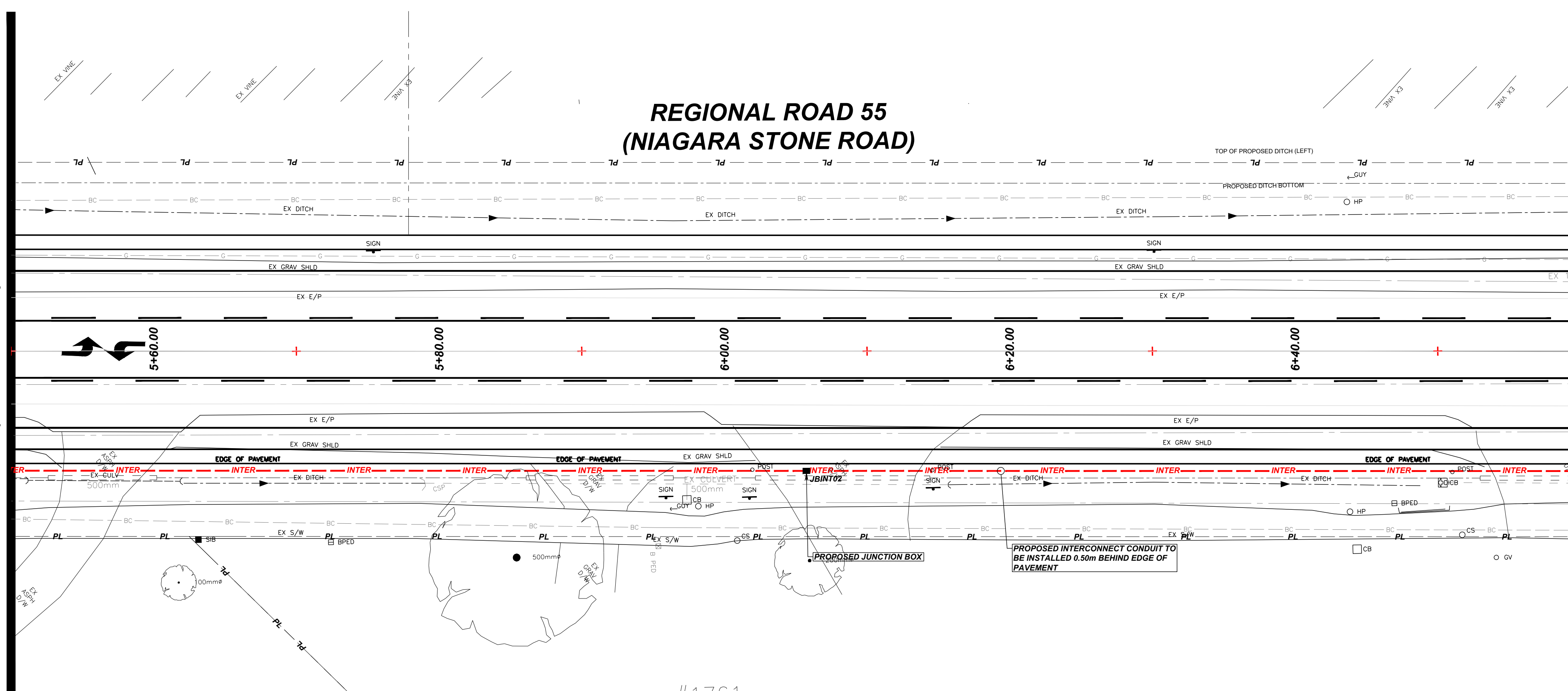
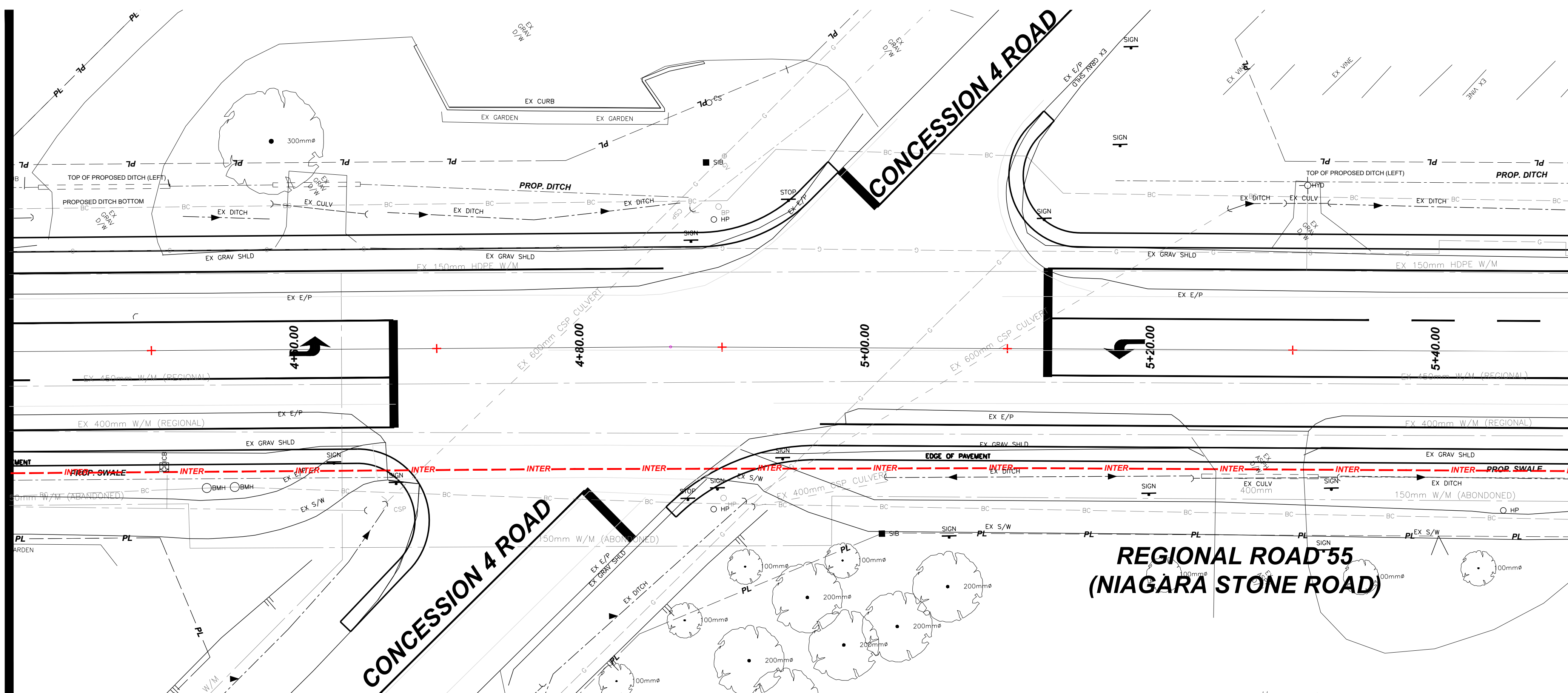
4	ISSUED FOR TENDER	2025.11.26	TC
3	ISSUED FOR 90% DESIGN REVIEW - REISSUE (2)	2025.09.17	TC
2	ISSUED FOR 90% DESIGN REVIEW	2025.07.07	TC
1	ISSUED FOR 60% DESIGN REVIEW	2025.04.09	TC
NO.	REVISION	DATE	INIT.

NOTES/LEGEND	
1	THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWER AND OTHER UNDERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
2	PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.

DRAFTING	TC
DESIGN	TC
CHECKED BY	AS, NR
APPROVED BY	NR



ROADWAY RECONSTRUCTION COMMUNICATION LAYOUT DESIGN REGIONAL ROAD 55 (NIAGARA STONE ROAD) FROM EAST OF PENNER ST/LINE 1 RD TO EAST/WEST LINE RD NIAGARA ON THE LAKE STATION 2+20 TO STATION 4+40	
CONSULTANT FILE No. #	DATE YYYY-MM-DD
SCALE	1:200 m
REF. No. #	DWG No.
INTER_02	REV. 4

[illegible]

	BASE MOUNTED TRAFFIC CONTROLLER
	EXISTING JUNCTION BOX
	PROPOSED JUNCTION BOX
	EXISTING MANHOLE
	POWER SUPPLY POLE
	PROPOSED POWER SUPPLY POLE
	EXISTING LUMINAIRE POLE
	PROPOSED LIGHT POLE
	EXISTING POWER DISTRIBUTION CABINET / DISCONNECT
	PROPOSED POWER DISTRIBUTION CABINET / DISCONNECT
	EXISTING LUMINAIRE
	PROPOSED LUMINAIRE
	TRAFFIC SIGN (Example shows Rb-25 Sign)
	HYDRO METER

<u>TRAFFIC SIGNAL LINETYPES</u>	
PROPOSED TRAFFIC SIGNAL CONDUITS (1-100mm AND 1-50mm)	
PROPOSED TRAFFIC SIGNAL CONDUIT (1-50mm)	
PROPOSED INTERCONNECT CONDUIT (1-50mm)	
PROPERTY LINE	

TRAFFIC SIGNAL LINETYPES

PROPOSED TRAFFIC SIGNAL CONDUITS (1-100mm AND 1-50mm)

— — TS — — TS —

PROPOSED TRAFFIC SIGNAL CONDUIT (1-50mm)

—————. . . ———.

PROPOSED INTERCONNECT CONDUIT (1-50mm)

————— INTER —————

PROPERTY LINE

PI _____

4	ISSUED FOR TENDER		2025 11 26	TC
3	ISSUED FOR 90% DESIGN REVIEW – REISSUE (2)		2025 09 17	TC
2	ISSUED FOR 90% DESIGN REVIEW		2025 07 07	TC
1	ISSUED FOR 60% DESIGN REVIEW		2025 04 09	TC
NO.	REVISION		DATE	INIT.

NOTES/LEGEND

NOTES/LEGEND

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2 PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.

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DRAFTING	TC
DESIGN	TC
CHECKED BY	AS, NR
APPROVED BY	NR

DESIGN	TC
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CHECKED BY
AS, NR

APPROVED BY
NR



ROADWAY RECONSTRUCTION
COMMUNICATION LAYOUT DESIGN
REGIONAL ROAD 55 (NIAGARA STONE ROAD)
FROM EAST OF PENNER ST/LINE 1 RD TO EAST/WEST LINE RD
NIAGARA ON THE LAKE
STATION 4+40 to STATION 6+60

CONSULTANT FILE No. #	
DATE	2025-02-12
SCALE	1:200 m
REF. No. #	
DWG No.	INTER_03

DATE 2025-02-12

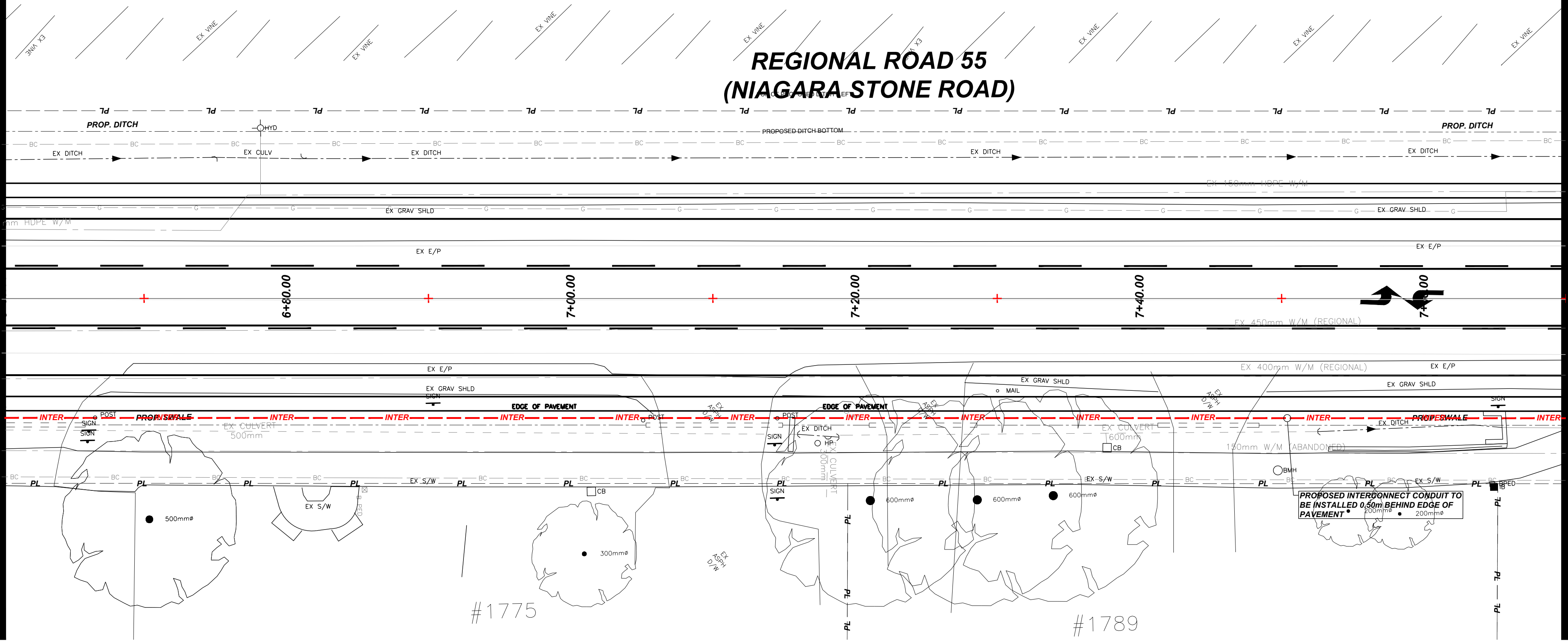
SCALE	1:200 m
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REF. No. #

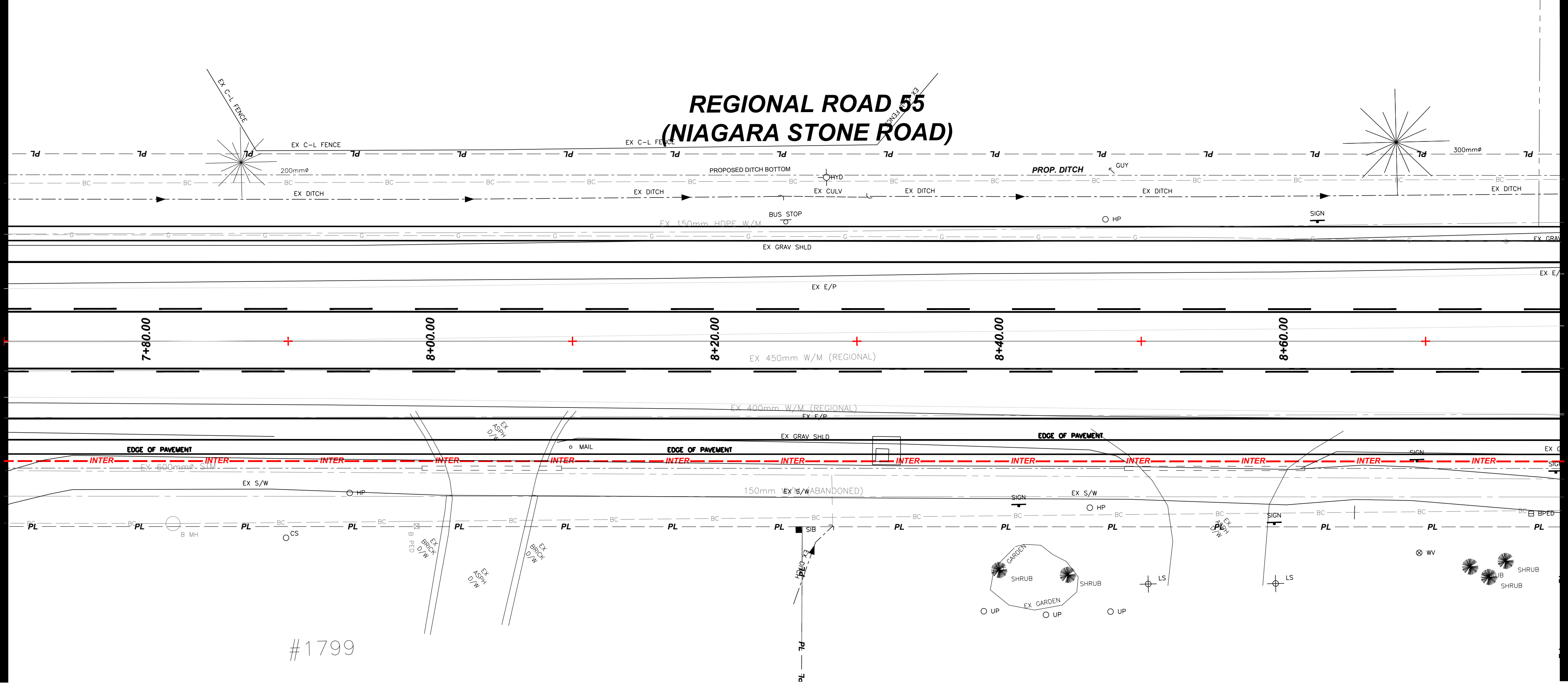
DWG No.	RE
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INTER_03	4
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MATCHLINE STATION 6+60
(CONTINUED FROM DWG - INTER_03)



MATCHLINE STATION 7+70
(FROM ABOVE)



MATCHLINE STATION 7+70
(SEE BELOW)

MATCHLINE STATION 8+80
(CONTINUE TO DRAWING - INTER_05)

NO.	REVISION	DATE	INIT.
4	ISSUED FOR TENDER	2025.11.26	TC
3	ISSUED FOR 90% DESIGN REVIEW - REISSUE (2)	2025.09.17	TC
2	ISSUED FOR 90% DESIGN REVIEW	2025.07.07	TC
1	ISSUED FOR 60% DESIGN REVIEW	2025.04.09	TC

NOTES/LEGEND

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DRAFTING	TC
DESIGN	TC
CHECKED BY	AS, NR
APPROVED BY	NR



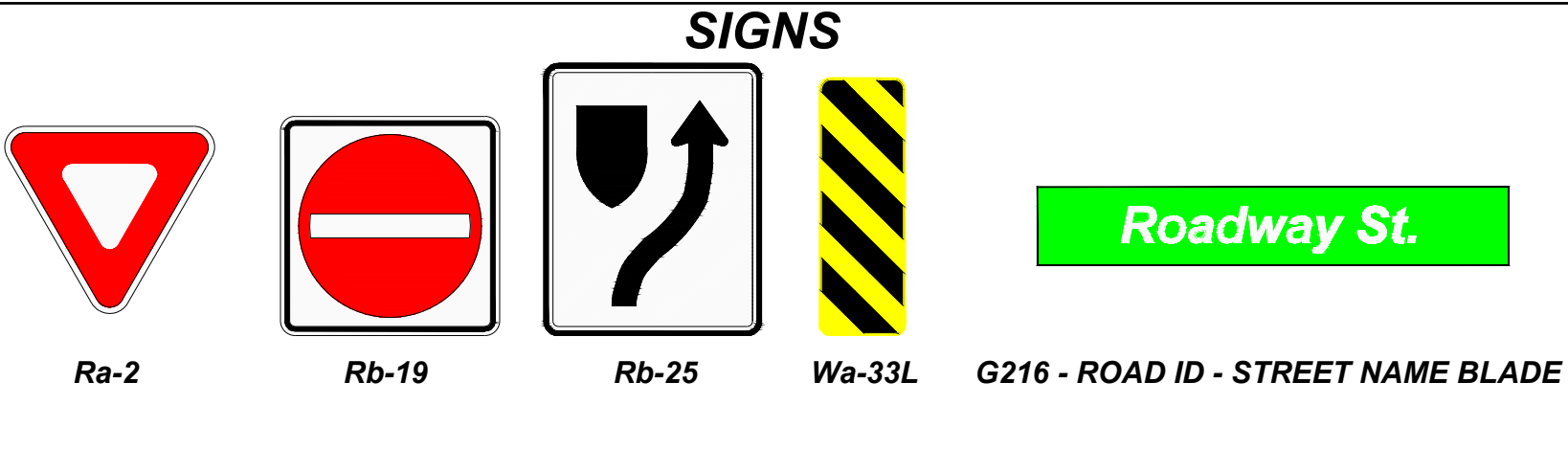
**ROADWAY RECONSTRUCTION
COMMUNICATION LAYOUT DESIGN**
REGIONAL ROAD 55 (NIAGARA STONE ROAD)
FROM EAST OF PENNER ST/LINE 1 RD TO EAST/WEST LINE RD
NIAGARA ON THE LAKE
STATION 6+60 to STATION 8+80

CONSULTANT FILE No. #	DATE	2025-02-12
SCALE	1:200	m
REF. No. #	DWG No.	INTER_04
REV.	4	

TYPE AND LOCATION OF TRAFFIC SIGNAL HEADS

TYPE AND LOCATION OF DETECTION

ELECTRICAL MAINTENANCE HOLES & MANHOLES



LEGEND

ISSUED FOR TENDER

PROJECT : ROADWAY RECONSTRUCTION

INTERSECTION HARDWARE CHECKLIST

CHECK ☐ ALL THAT APPLY

CONTROL

☐ SEMI ACTUATED ☐ SEMI ACTUATED ☐ FIXED TIME

PEDESTRIANS

	N. LEG	S. LEG	E. LEG	W. LEG
ADJULGE PEDESTRIAN HEADS ☐	☐	☐	☐	☐
COUNTDOWN HEADS ☐	☐	☐	☐	☐

DETECTION

	NB	SB	EB	WB
VIDEO ☐	☐	☐	☐	☐
RADAR ☐	☐	☐	☐	☐
LOOPS ☐	☐	☐	☐	☐
LONG DISTANCE LOOPS ☐	☐	☐	☐	☐
OTHER: _____ ☐	☐	☐	☐	☐

COMMUNICATION

	FIBRE	COPPER	NONE	OTHER
ROADWAY ☐	☐	☐	☐	☐

PHASING

TWO PHASE ☐

	NB	SB	EB	WB
PROTECTED / PERMISSIVE LT ☐	☐	☐	☐	☐
FULLY PROTECTED LT ☐	☐	☐	☐	☐
SPLIT PHASE ☐	☐	☐	☐	☐
OTHER: _____ ☐	☐	☐	☐	☐

BACKUP POWER SUPPLY

YES ☐ NO ☐

PRE-EMPTION

NONE ☐	RAIL ☐	BRIDGE ☐
EMERGENCY VEHICLE ☐		

RETURNS DATE

SIGNATURE

ADAMP BERMAN

NICK ROSATI

ROAD CUT OPEN TRENCH OR PATCH REINSTATEMENT

(8) (8A) (9) (9A) AMBER ARROW MUST BE USED IN A PROTECTED/PERMISSIVE
SIMULTANEOUS LEFT TURN OPERATION

NOTES:

DRAFTING	TC
DESIGN	TC
CHECKED BY	NR, AS
APPROVED BY	DC

Niagara Region
PUBLIC WORKS

**REGIONAL ROAD 55 (NIAGARA STONE RD)
ROADWAY RECONSTRUCTION
REGIONAL ROAD 55 (NIAGARA STONE ROAD) and
EAST WEST LINE
NIAGARA ON THE LAKE
TRAFFIC SIGNAL DESIGN**

CONSULTANT FILE No. -	
DATE	OCTOBER 2021
SCALE	1:200 m
REF. No.	RN ____ - ____
DWG No.	REV.
TS01	6



A. ALL CABLES TO BE PLACED IN 1-100mm RIGID PVC UNLESS OTHERWISE SPECIFIED.

B. ALL TRAFFIC SIGNAL HEAD RISER CABLE SHALL BE AS PER THE FOLLOWING:

- 3 SECTION HEADS - ③ 4 CONDUCTOR #14 AWG. TRAFFIC SIGNAL CABLE (SUPPLIED BY REGION)
- 4 SECTION HEADS - ② 7 CONDUCTOR #14 AWG. TRAFFIC SIGNAL CABLE (SUPPLIED BY REGION)

C. ALL ROADWAY LIGHTING RISER WIRE SHALL BE ⑧ #12/2 CU NMWU-90

D. ALL PEDESTRIAN SIGNAL RISER CABLE TO BE ③ 4 CONDUCTOR #14 AWG. TRAFFIC SIGNAL CABLE (SUPPLIED BY REGION)

E. ALL 'END OF RUN' CONDUCTOR TO BE TERMINATED WITH INSULATING MARRETT CONNECTORS, TAPED, AND BEND UPWARDS.

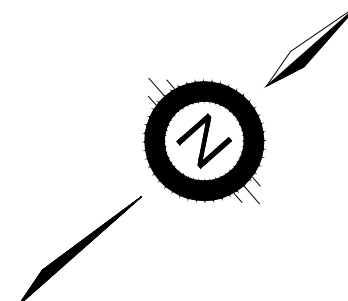
F. A SUFFICIENT AMOUNT OF CABLE IS TO BE SPOOLED AT CONNECTION POINTS TO MAKE ALL CONNECTIONS AND PROVIDE DRIP LOOPS

G. THE ENDS OF EACH CABLE SHALL BE UNIQUELY IDENTIFIED WITH COLORED ELECTRICAL TAPE. REFER TO NRS 2710 FOR CABLE COLOR ID CHART.

SUPPLY CONTROL CABINET ASSEMBLY					PP1		NRS	2441
120/240v, 1 PHASE, 3 WIRE							TYPE 3S	60A
CIRCUIT NO.	DESCRIPTION	LOCATION	BREAKER AMPS	WATTAGE	QUANT.	CIRCUIT LOAD		
1	TRAFFIC SIGNALS	24hr LOAD	40	520w	1ea	520		
2a	LED LUMINAIRES	INTERSECTION	15	169w	3ea	507		
2b	LED LUMINAIRES	INTERSECTION	15	169w	3ea	507		
TOTAL WATTS							1534	

055EWL

[illegible]



1	ISSUED FOR TENDER	2026-XX-XX	AK
NO.	REVISION	DATE	INIT.

NOTES/LEGEND	
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DRAFTING	EL
DESIGN	EL
CHECKED BY	SB
APPROVED BY	SB

Niagara Region

PUBLIC WORKS

UEM

URBAN & ENVIRONMENTAL
MANAGEMENT INC.
PROFESSIONAL CONSULTING SERVICES

PROJECT / CONTRACT # 2025-T-223
REGIONAL ROAD 55 (NIAGARA STONE ROAD)
Road Reconstruction & Improvements
from 230m NE of Penner Rd/Line 1 Rd to East/West Line
in the Town of Niagara-on-the-Lake
ALTERNATE ROUTE SIGN PLAN

CONSULTANT FILE No. 25-104	
DATE 2026-03-03	
SCALE	
REF. No. # 2025-T-223	
DWG No.	25-104-ALT01
REV.	1