

APPENDIX K

PRELIMINARY PREFERRED DESIGN



APPENDIX K.1

PLAN AND PROFILE DRAWINGS



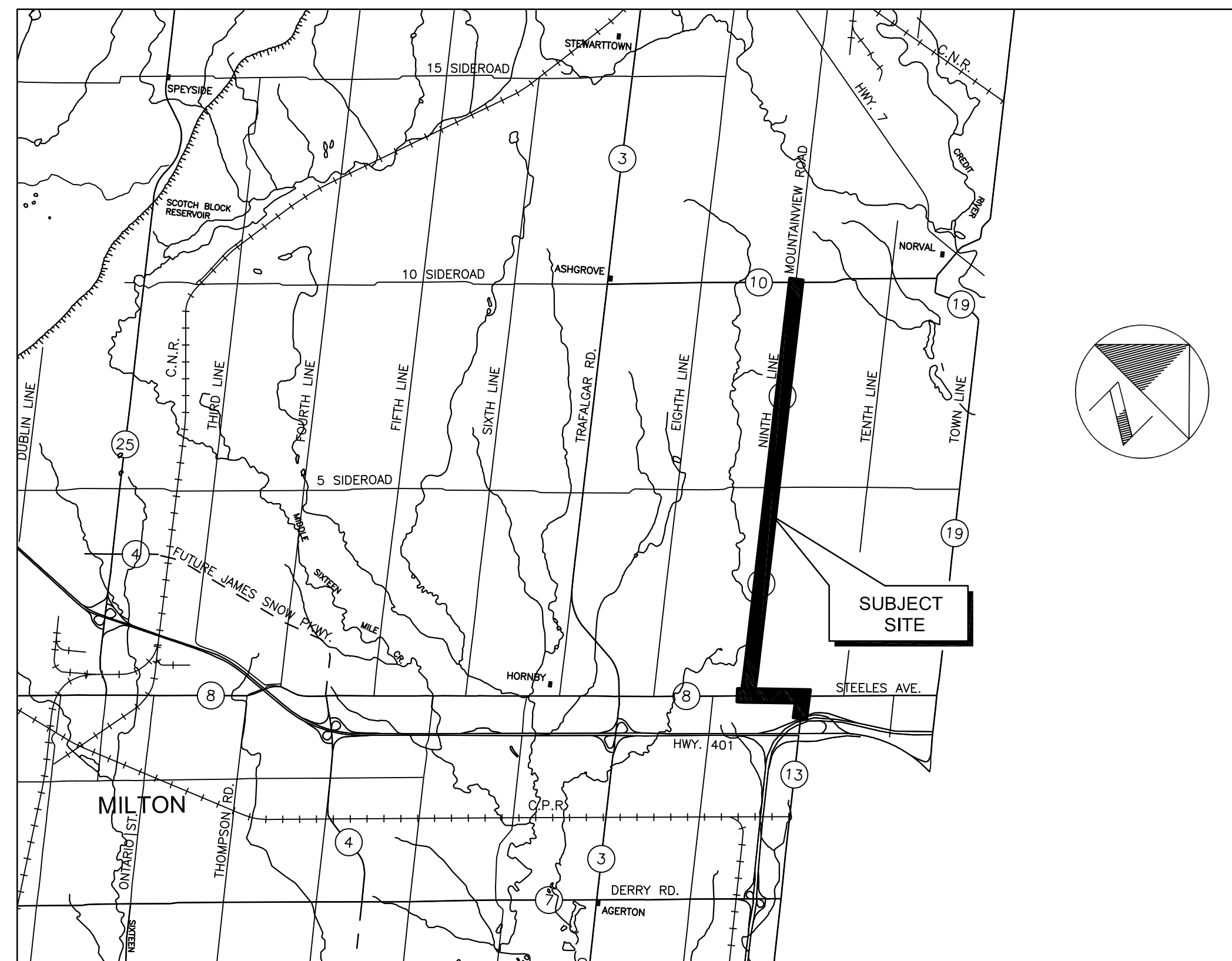


Public Works Department

**CLASS ENVIRONMENTAL
ASSESSMENT STUDY**

**NINTH LINE TRANSPORTATION
CORRIDOR IMPROVEMENTS**

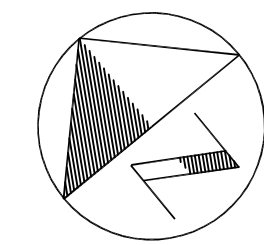
HIGHWAY 407 TO 10 SIDE ROAD

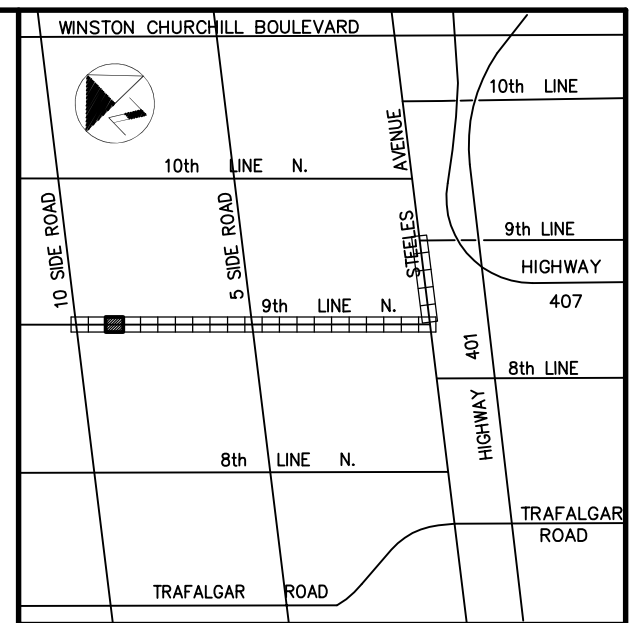


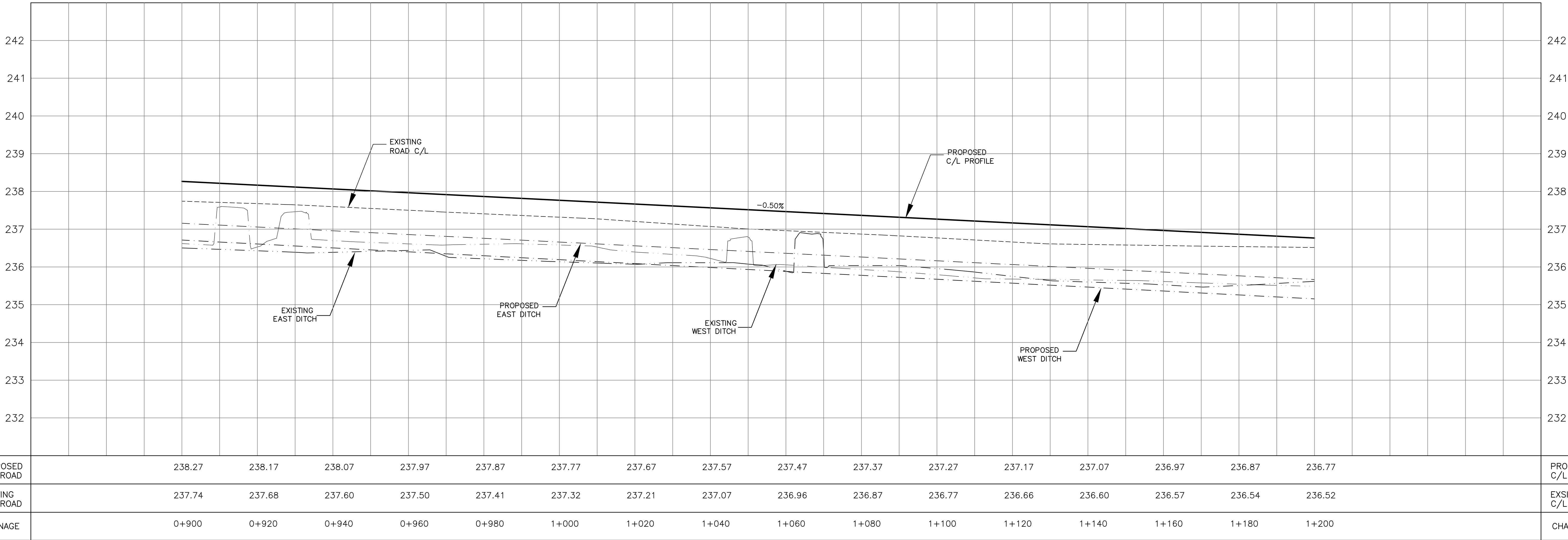
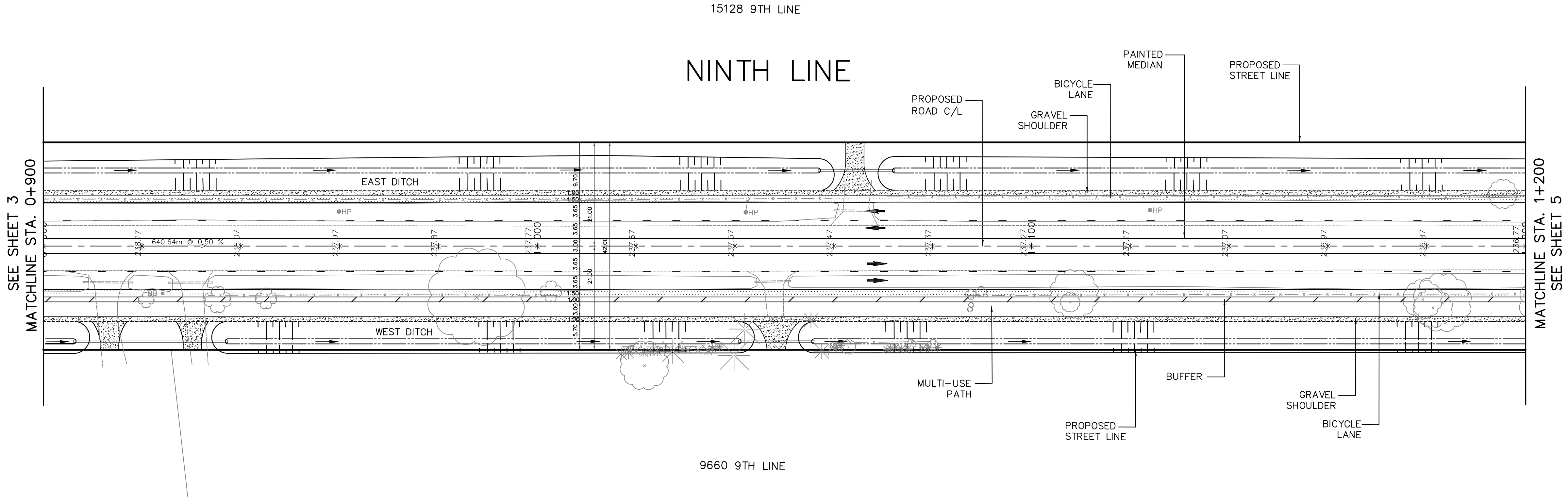
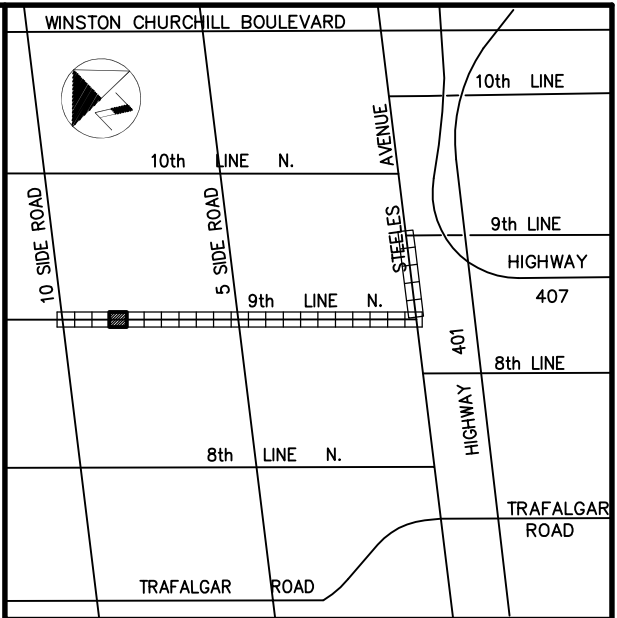
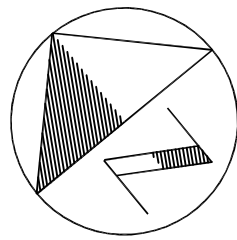
JIM HARNMUM, C.E.T. , MBA
COMMISSIONER OF PUBLIC WORKS

PLANS & PROFILES

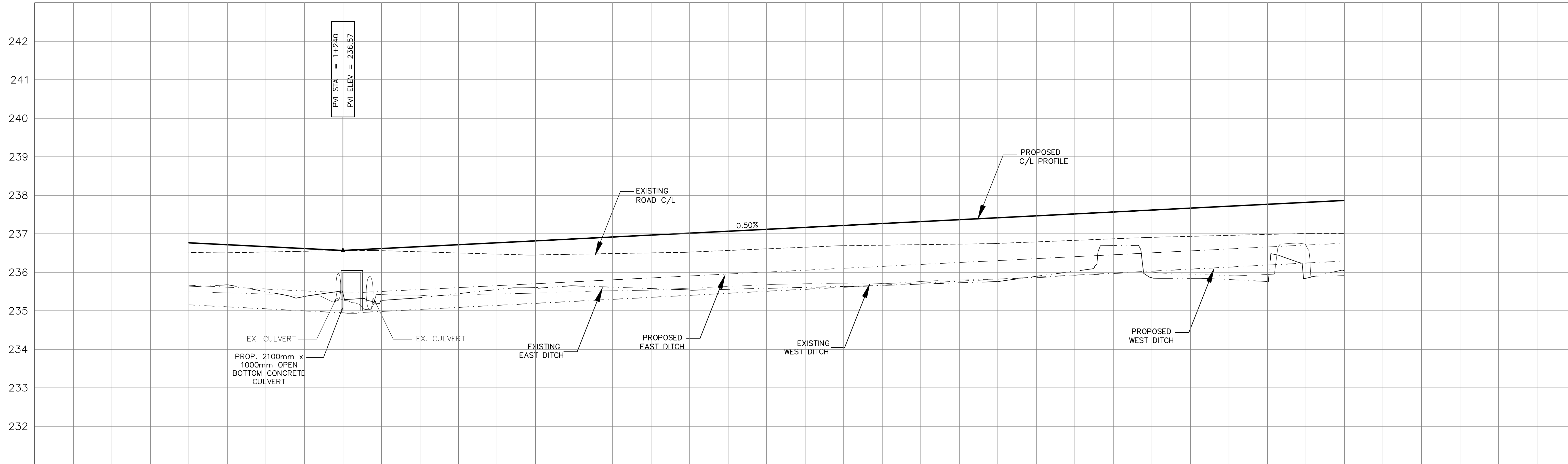
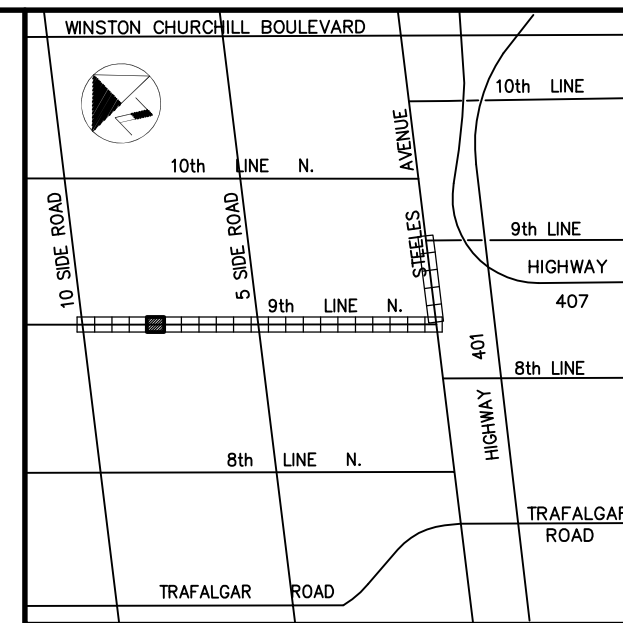
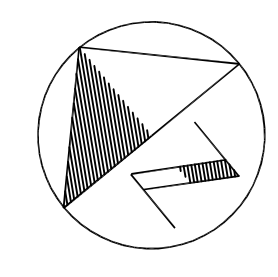
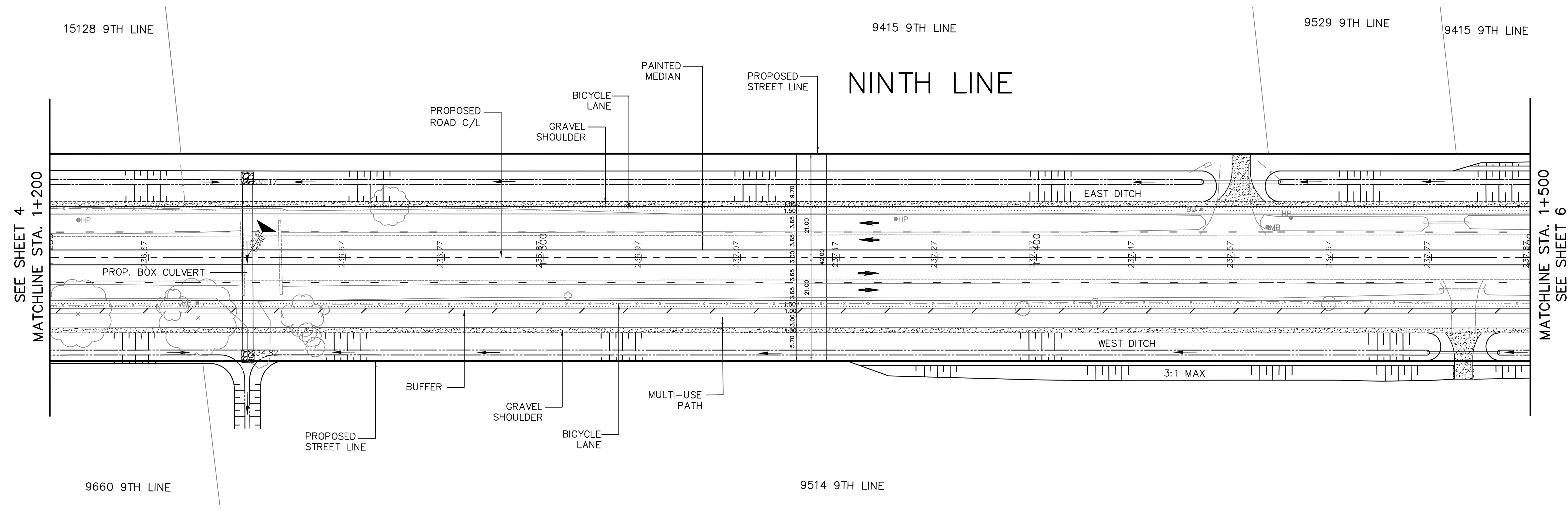
GARY CARR
REGIONAL CHAIR







Notes	NOT FOR CONSTRUCTION			DRAWN BY CADD		 URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES 5100 Orbitor Drive, Suite 300, Mississauga, ON Canada L4W 4Z4 TEL : (905) 212-9722 FAX : (905) 212-9397		Client	Project	CLASS ENVIRONMENTAL ASSESSMENT STUDY NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS HIGHWAY 407 TO 10 SIDE ROAD			Title		NINTH LINE PLAN AND PROFILE STA. 0+900 TO STA. 1+200		
	DESIGNED BY Y.H.		Date:		April 2016								Regional File No.		PR-2876		
	CHECKED BY Y.H.		Consultant's Project No		14-508								Drawing No		SHEET 4 OF 22		
	APPROVED BY A.A.		SCALE		Horiz. 1:500								Vert. 1:50				



PROPOSED C/L ROAD	236.77	236.67	236.57	236.67	236.77	236.87	236.97	237.07	237.17	237.27	237.37	237.47	237.57	237.67	237.77	237.87	PROPOSED C/L ROAD
EXISTING C/L ROAD	236.52	236.53	236.57	236.53	236.47	236.47	236.50	236.57	236.65	236.70	236.73	236.79	236.87	236.93	236.98	237.01	EXISTING C/L ROAD
CHAINAGE	1+200	1+220	1+240	1+260	1+280	1+300	1+320	1+340	1+360	1+380	1+400	1+420	1+440	1+460	1+480	1+500	CHAINAGE

Notes

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CADD

DESIGNED BY

Y.H.

CHECKED BY

Y.H.

APPROVED BY

A.A.

SCALE

Horiz. 1:500

Vert. 1:50

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Consultant

UEM

URBAN & ENVIRONMENTAL MANAGEMENT INC.
PROFESSIONAL CONSULTING SERVICES
5100 Orbitor Drive, Suite 300,
Mississauga, ON Canada L4W 4Z4
TEL : (905) 212-9722 FAX : (905) 212-9397

Client

Halton

REGION

Project

CLASS ENVIRONMENTAL ASSESSMENT STUDY
NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS
HIGHWAY 407 TO 10 SIDE ROAD

Title

NINTH LINE
PLAN AND PROFILE
STA. 1+200 TO STA. 1+500

Date:

April 2016

Regional File No.

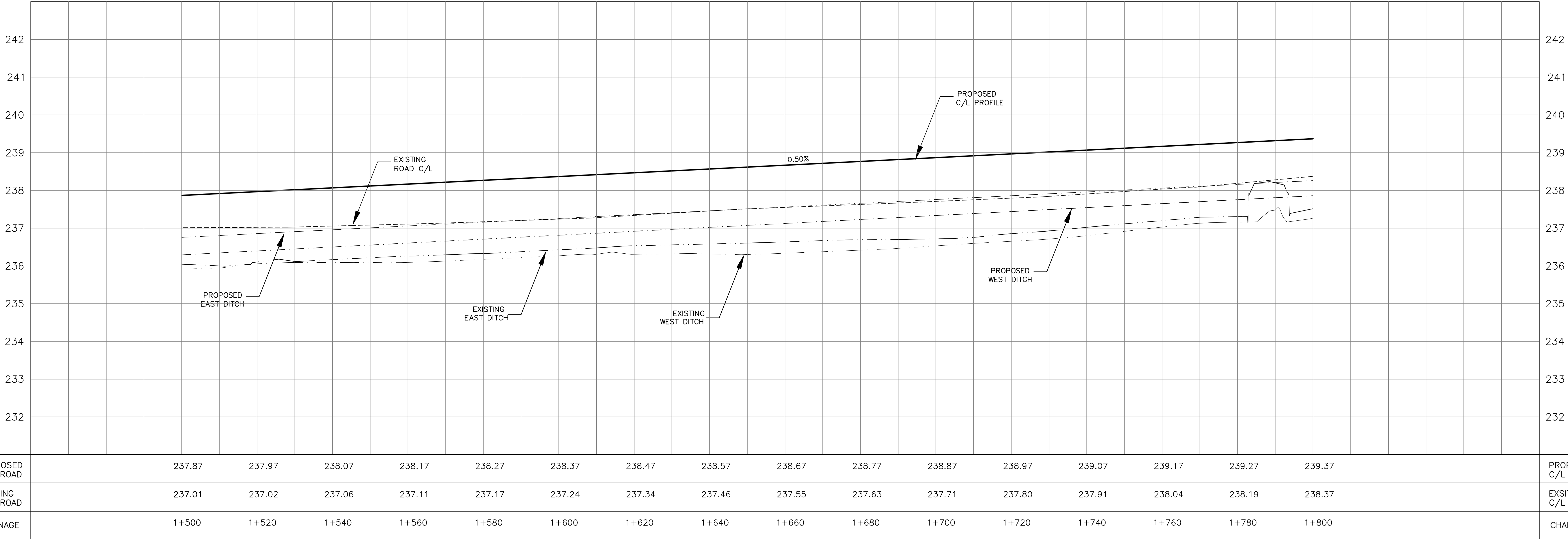
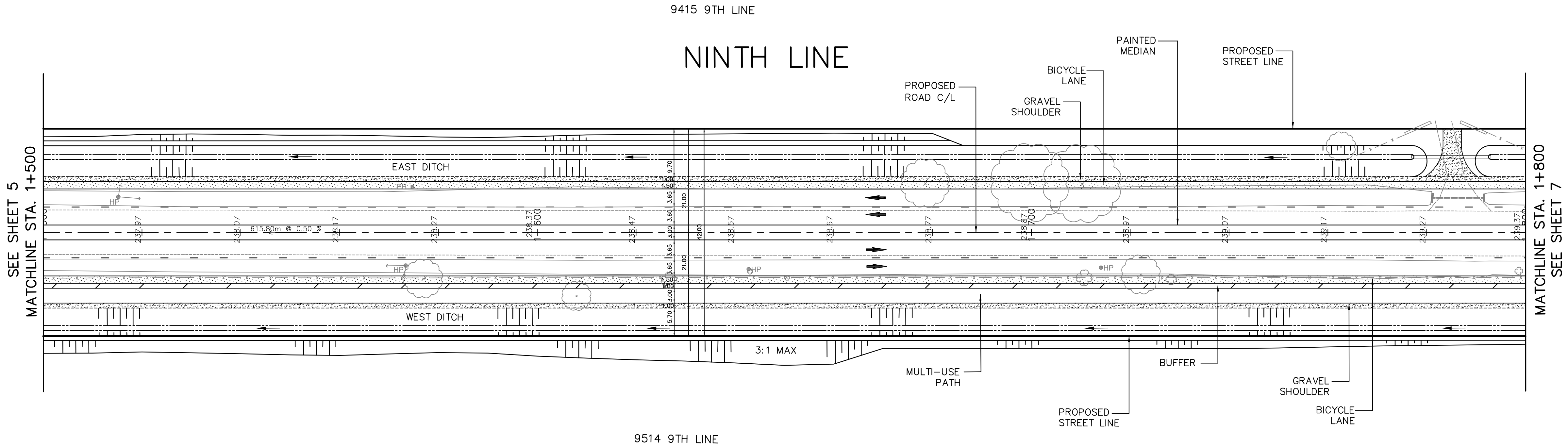
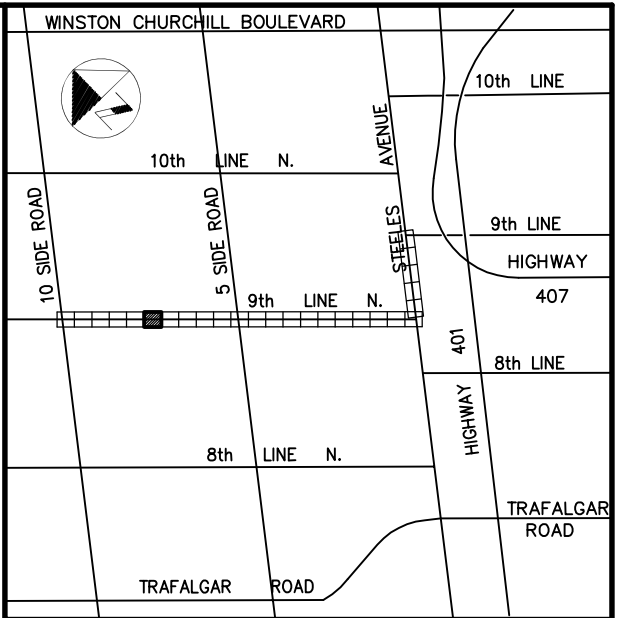
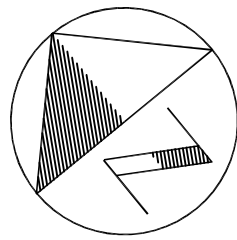
PR-2876

Consultant's Project No

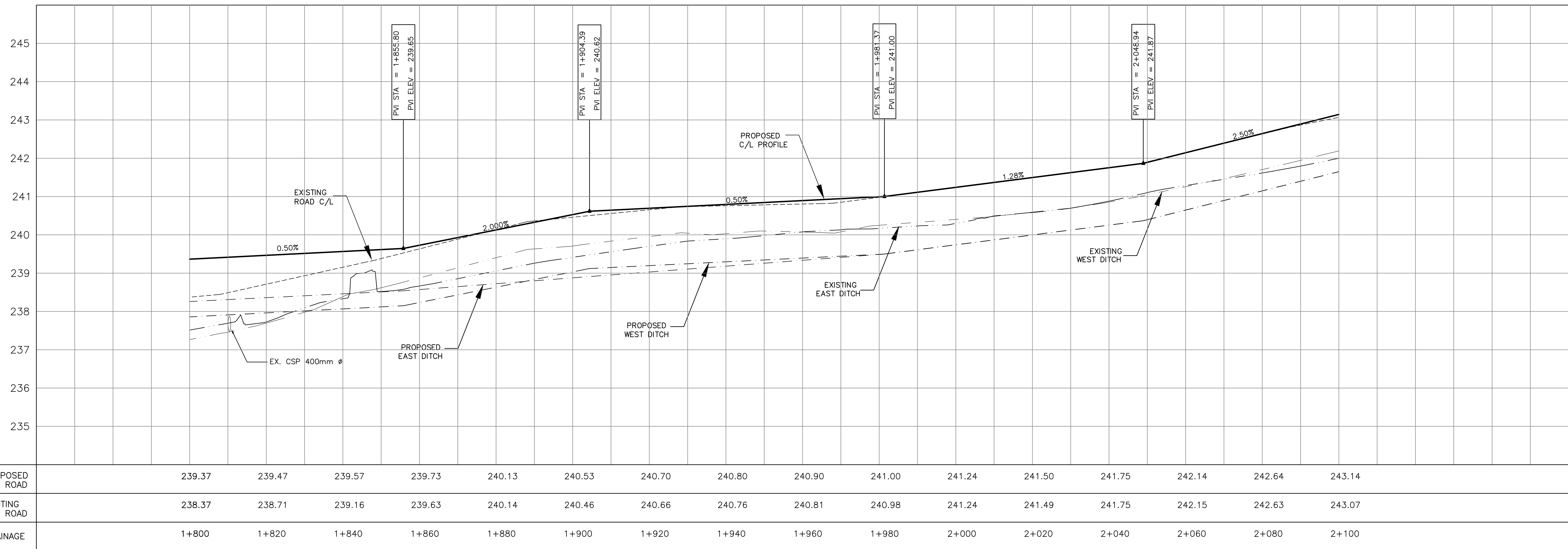
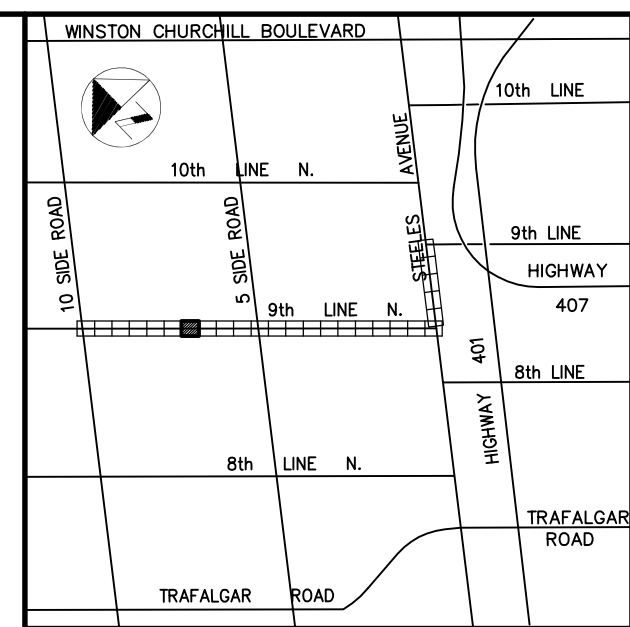
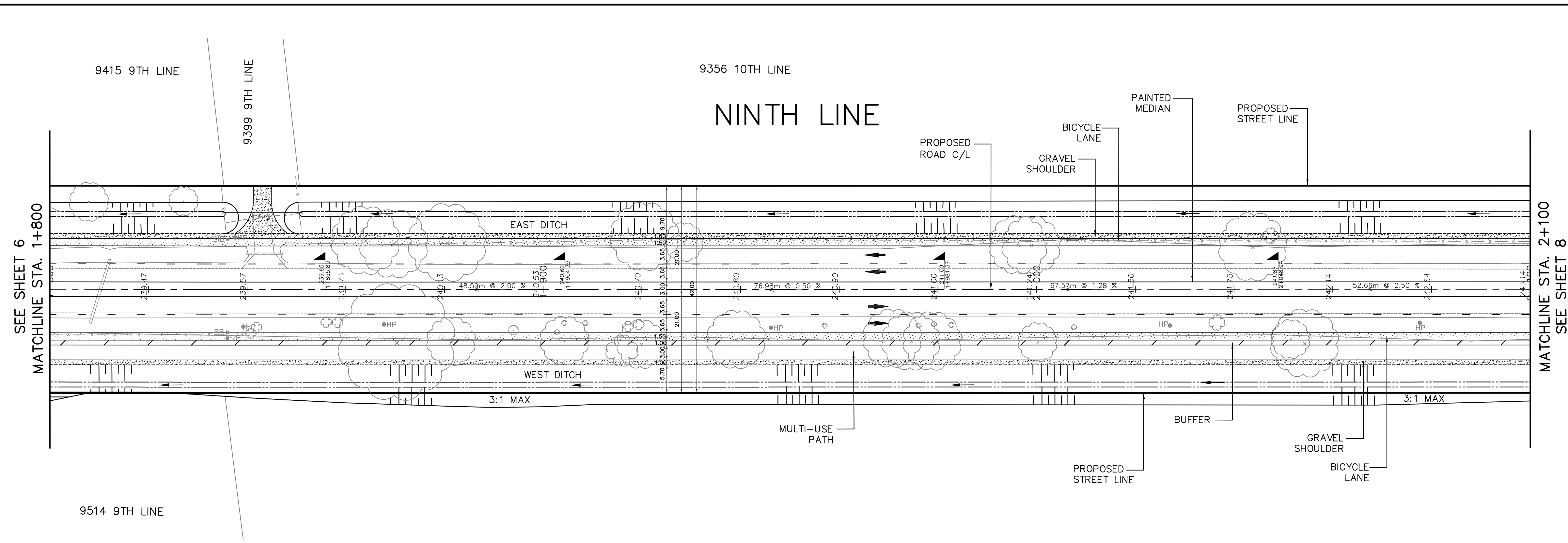
14-508

Drawing No

SHEET 5 OF 22



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		Date: April 2016					Regional File No. PR-2876	
		Consultant's Project No 14-508					Drawing No SHEET 6 OF 22	



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CHECKED BY	Y.H.
APPROVED BY	A.A.
SCALE	
Horiz. 1:500	
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Consultant

UEM URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES

5100 Orbitor Drive, Suite 300, Mississauga, ON Canada L4W 4Z4
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Client

Halton REGION

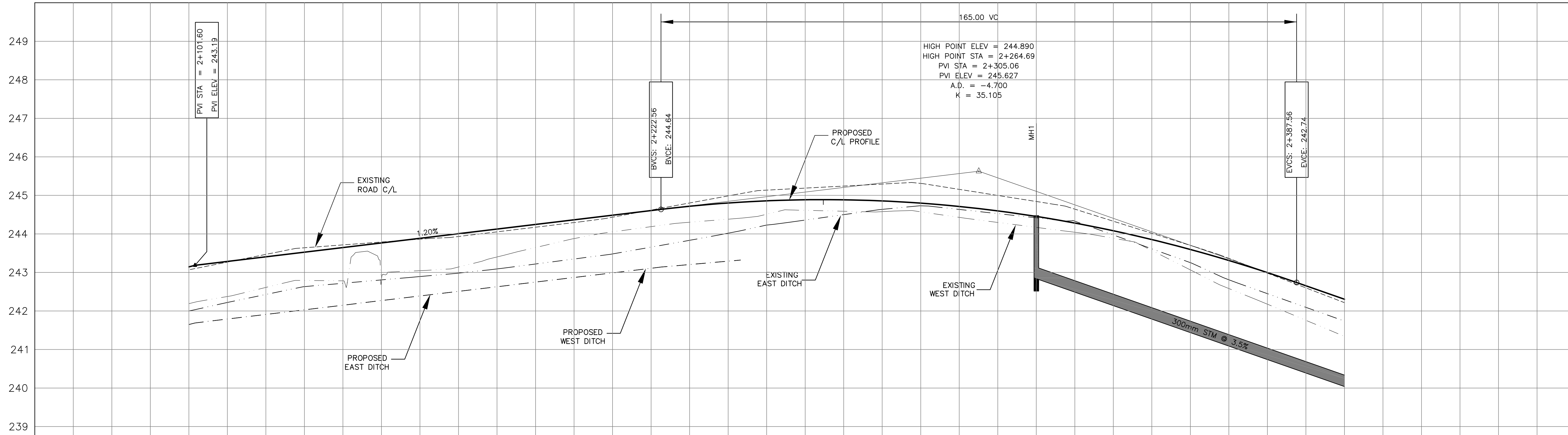
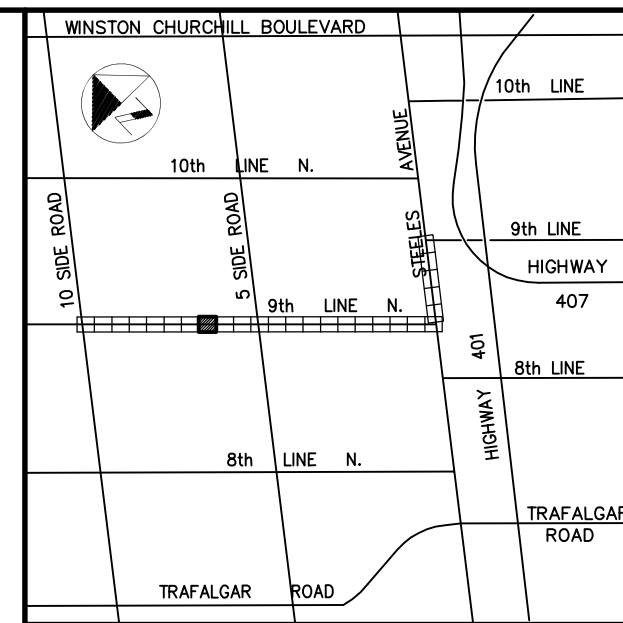
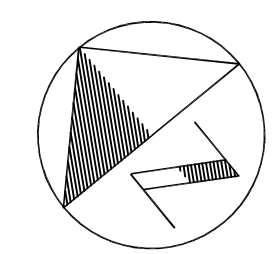
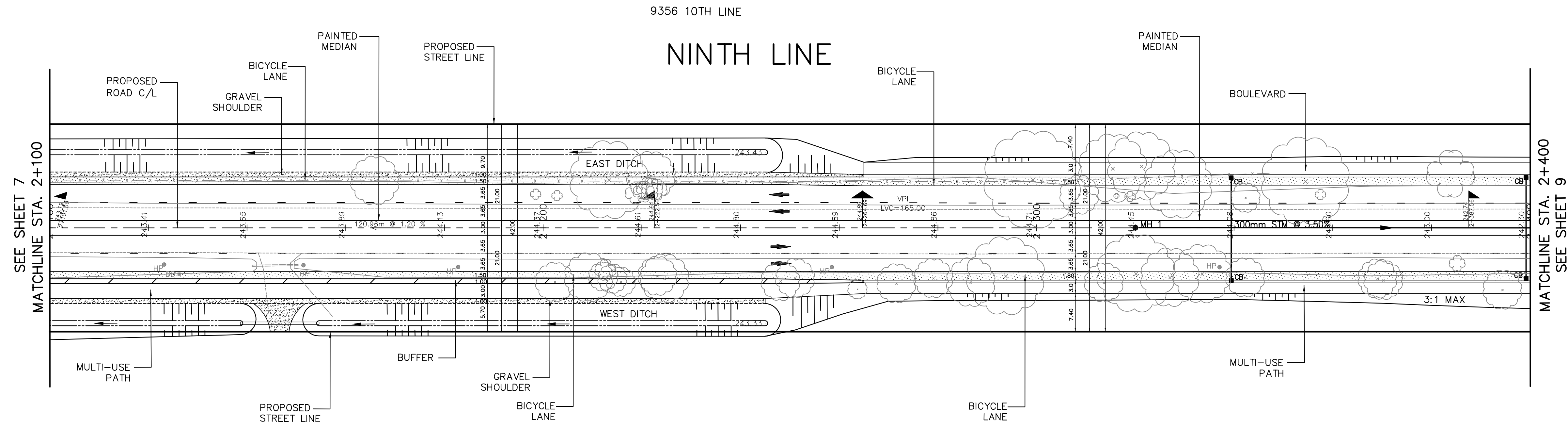
Project

CLASS ENVIRONMENTAL ASSESSMENT STUDY

NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS

HIGHWAY 407 TO 10 SIDE ROAD

Title NINTH LINE PLAN AND PROFILE STA. 1+800 TO STA. 2+100	
Date: April 2016	Regional File No. PR-2876
Consultant's Project No 14-508	Drawing No SHEET 7 OF 22



PROPOSED C/L ROAD	243.14	243.41	243.65	243.89	244.13	244.37	244.61	244.80	244.89	244.86	244.71	244.45	244.08	243.60	243.00	242.30	PROPOSED C/L ROAD
EXISTING C/L ROAD	243.07	243.47	243.72	243.86	244.05	244.29	244.62	244.99	245.19	245.29	245.16	244.84	244.33	243.70	242.98	242.22	EXISTING C/L ROAD
CHAINAGE	2+100	2+120	2+140	2+160	2+180	2+200	2+220	2+240	2+260	2+280	2+300	2+320	2+340	2+360	2+380	2+400	CHAINAGE

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Notes

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CHECKED BY Y.H.
APPROVED BY A.A.
SCALE
Horiz. 1:500
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Consultant

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Client

Halton REGION

Project

CLASS ENVIRONMENTAL ASSESSMENT STUDY
NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS
HIGHWAY 407 TO 10 SIDE ROAD

Title

NINTH LINE
PLAN AND PROFILE
STA. 2+100 TO STA. 2+400

Date:

April 2016

Regional File No.

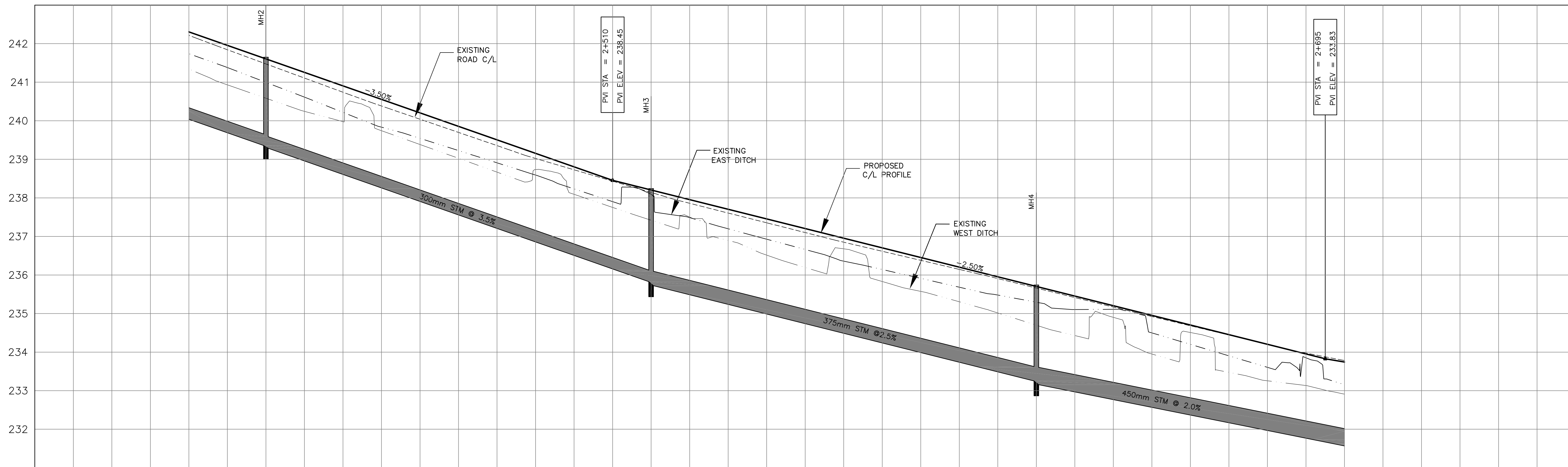
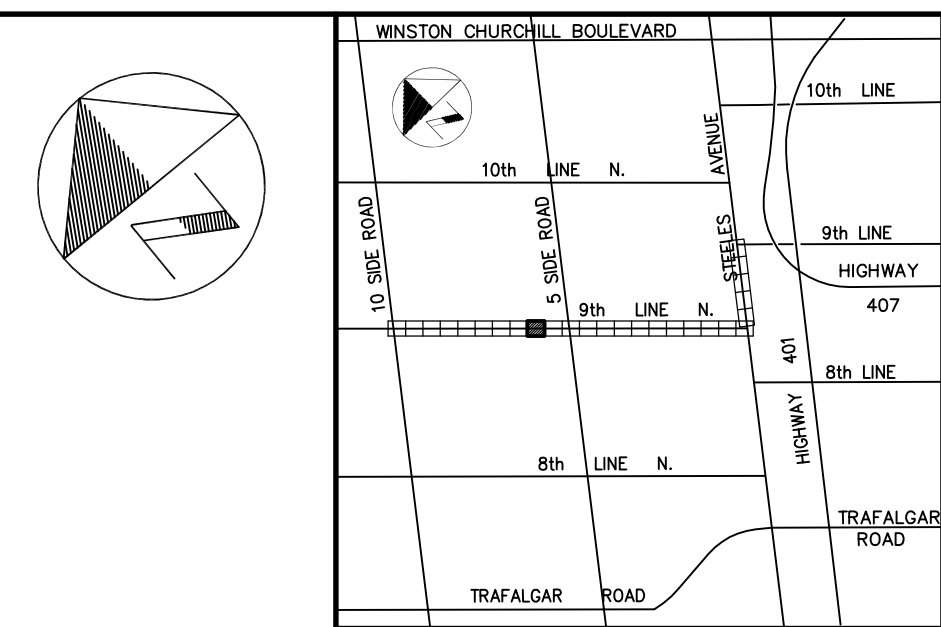
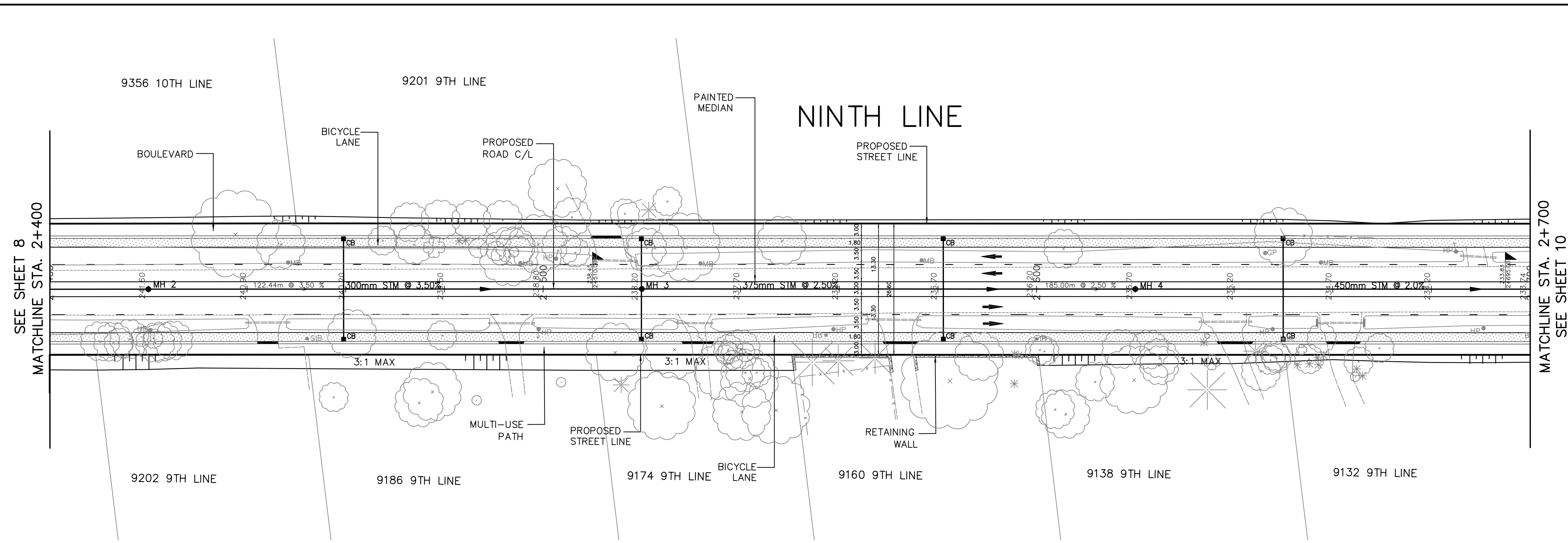
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Consultant's Project No

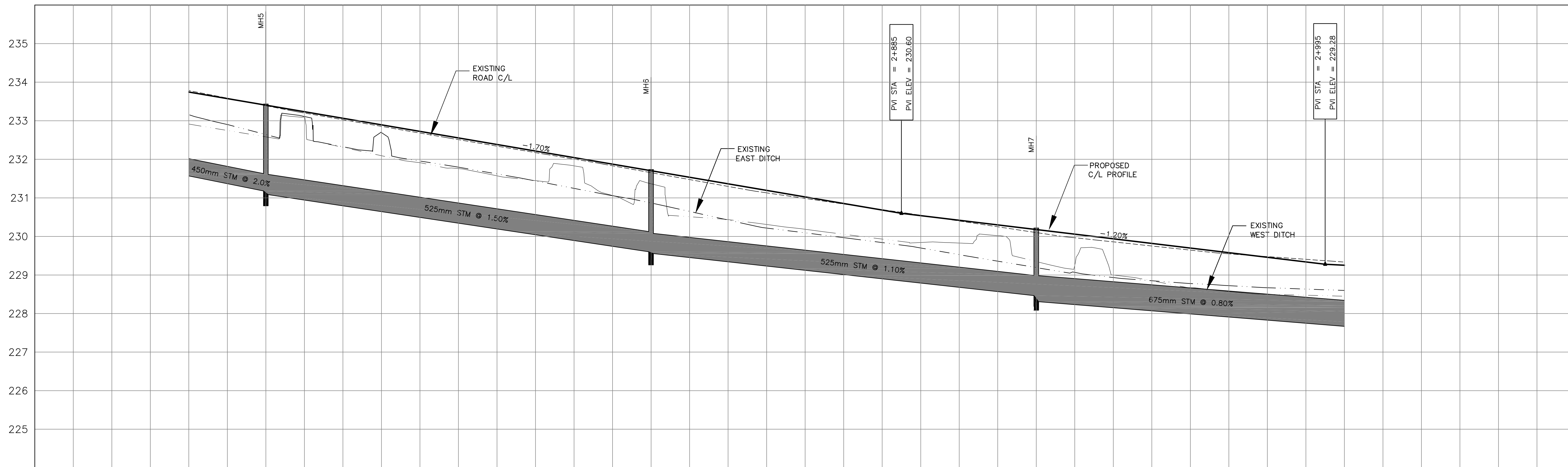
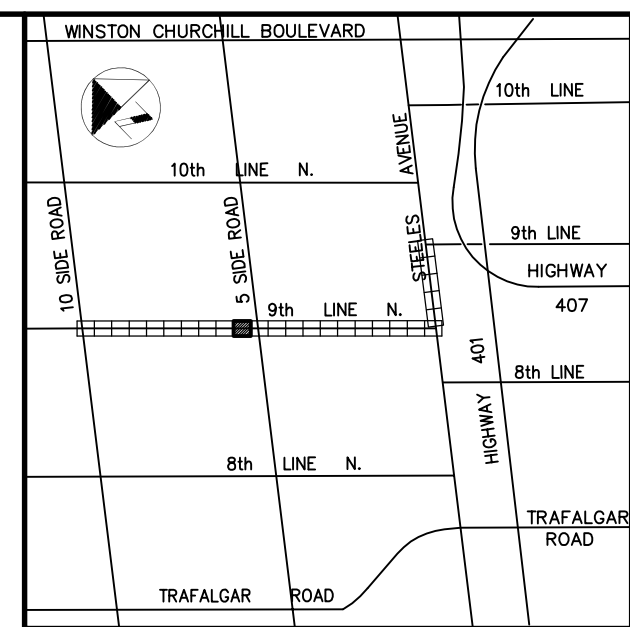
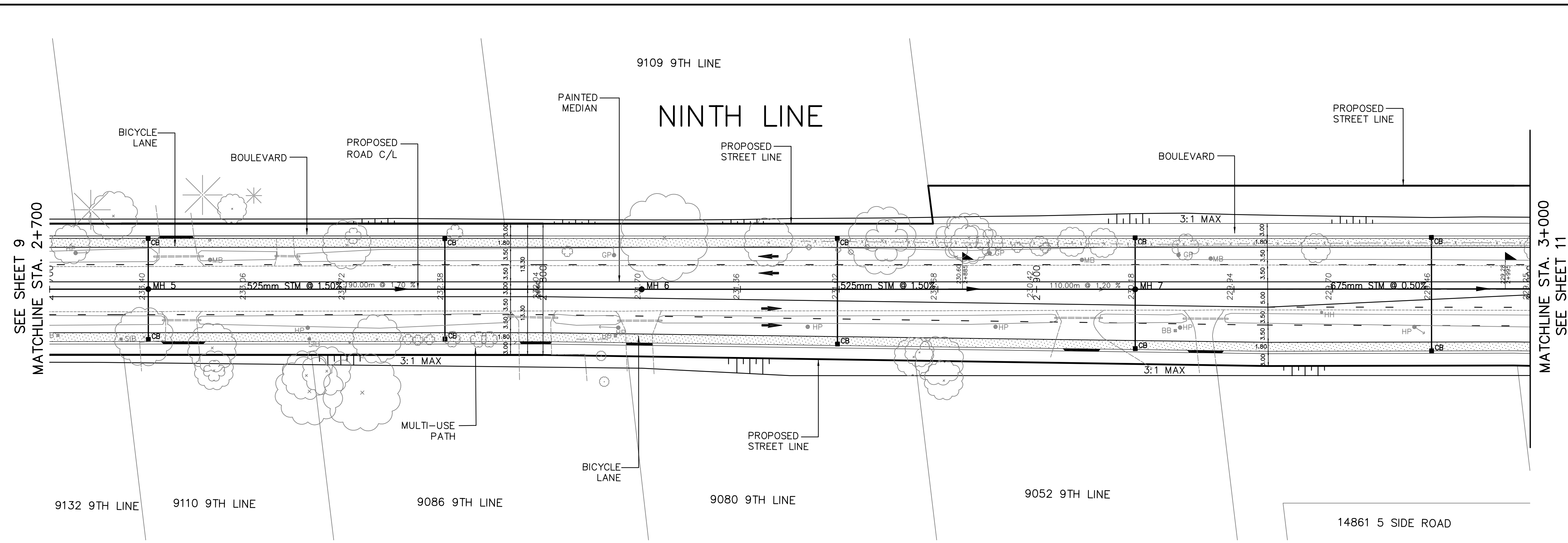
14-508

Drawing No

SHEET 8 OF 22



PROPOSED C/L ROAD	242.30	241.60	240.90	240.20	239.50	238.80	238.20	237.70	237.20	236.70	236.20	235.70	235.20	234.70	234.20	233.74	PROPOSED C/L ROAD						
EXISTING C/L ROAD	242.22	241.47	240.74	240.04	239.36	238.73	238.14	237.61	237.10	236.62	236.15	235.66	235.17	234.68	234.20	233.78	EXISTING C/L ROAD						
CHAINAGE	2+400	2+420	2+440	2+460	2+480	2+500	2+520	2+540	2+560	2+580	2+600	2+620	2+640	2+660	2+680	2+700	CHAINAGE						
NOT FOR CONSTRUCTION			DRAWN BY CADD		Consultant UEM URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES 5100 Orbitor Drive, Suite 300, Mississauga, ON Canada L4W 4Z4 TEL : (905) 212-9722 FAX : (905) 212-9397					Client Halton REGION					Project CLASS ENVIRONMENTAL ASSESSMENT STUDY NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS HIGHWAY 407 TO 10 SIDE ROAD					Title NINTH LINE PLAN AND PROFILE STA. 2+400 TO STA. 2+700			
			DESIGNED BY Y.H.																	Date: April 2016		Regional File No. PR-2876	
			CHECKED BY Y.H.																	Consultant's Project No. 14-508		Drawing No. SHEET 9 OF 22	
			APPROVED BY A.A.																				
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Horiz. 1:500		10 5 0 10																					
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PROPOSED C/L ROAD	233.74	233.40	233.06	232.72	232.38	232.04	231.70	231.36	231.02	230.68	230.42	230.18	229.94	229.70	229.46	229.25	PROPOSED C/L ROAD
EXISTING C/L ROAD	233.78	233.39	233.03	232.68	232.34	232.00	231.65	231.30	230.98	230.70	230.40	230.10	229.86	229.64	229.48	229.34	EXISTING C/L ROAD
CHAINAGE	2+700	2+720	2+740	2+760	2+780	2+800	2+820	2+840	2+860	2+880	2+900	2+920	2+940	2+960	2+980	3+000	CHAINAGE

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DESIGNED BY
CHECKED BY
APPROVED BY

CADD
Y.H.
Y.H.
A.A.

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Consultant

UEM

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Client

Halton REGION

Project

CLASS ENVIRONMENTAL ASSESSMENT STUDY
NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS
HIGHWAY 407 TO 10 SIDE ROAD

Title

NINTH LINE
PLAN AND PROFILE
STA. 2+700 TO STA. 3+000

Date:

April 2016

Regional File No.

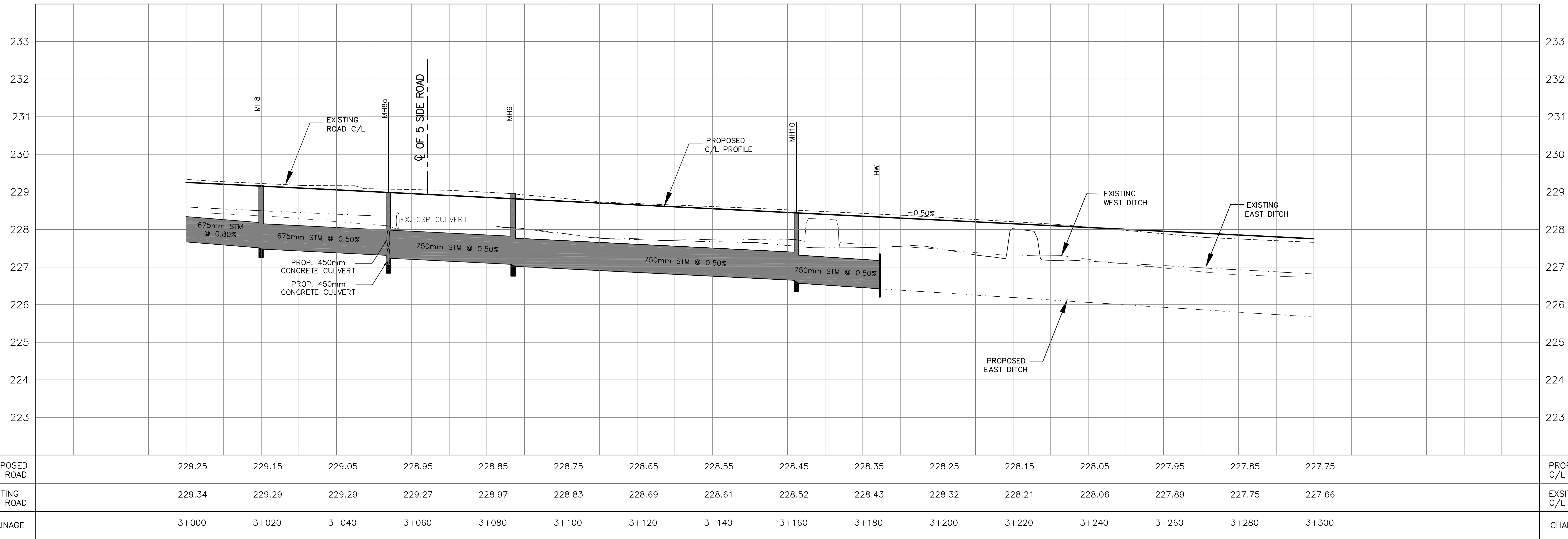
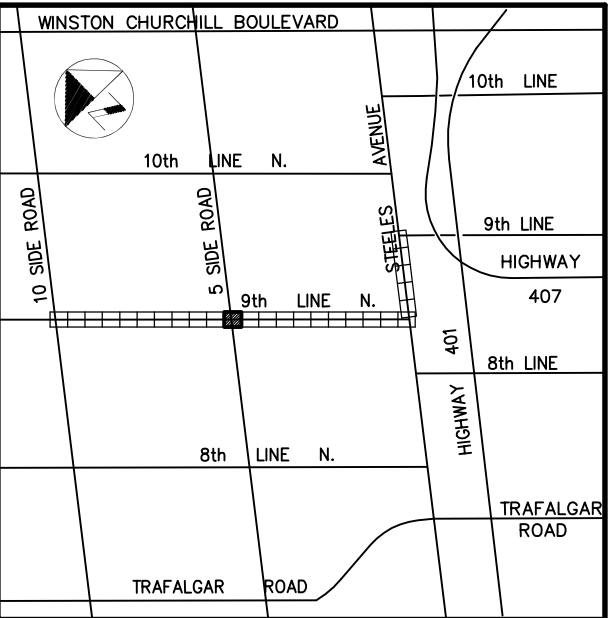
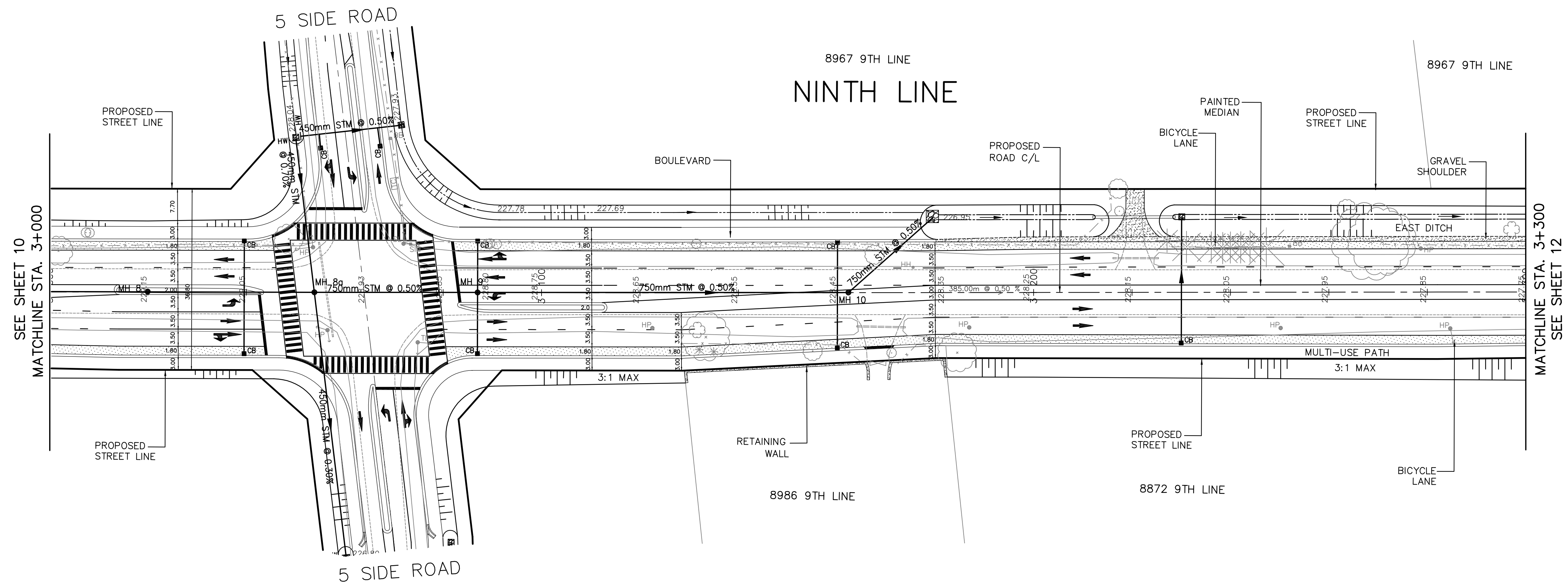
PR-2876

Consultant's Project No

14-508

Drawing No

SHEET 10 OF 22



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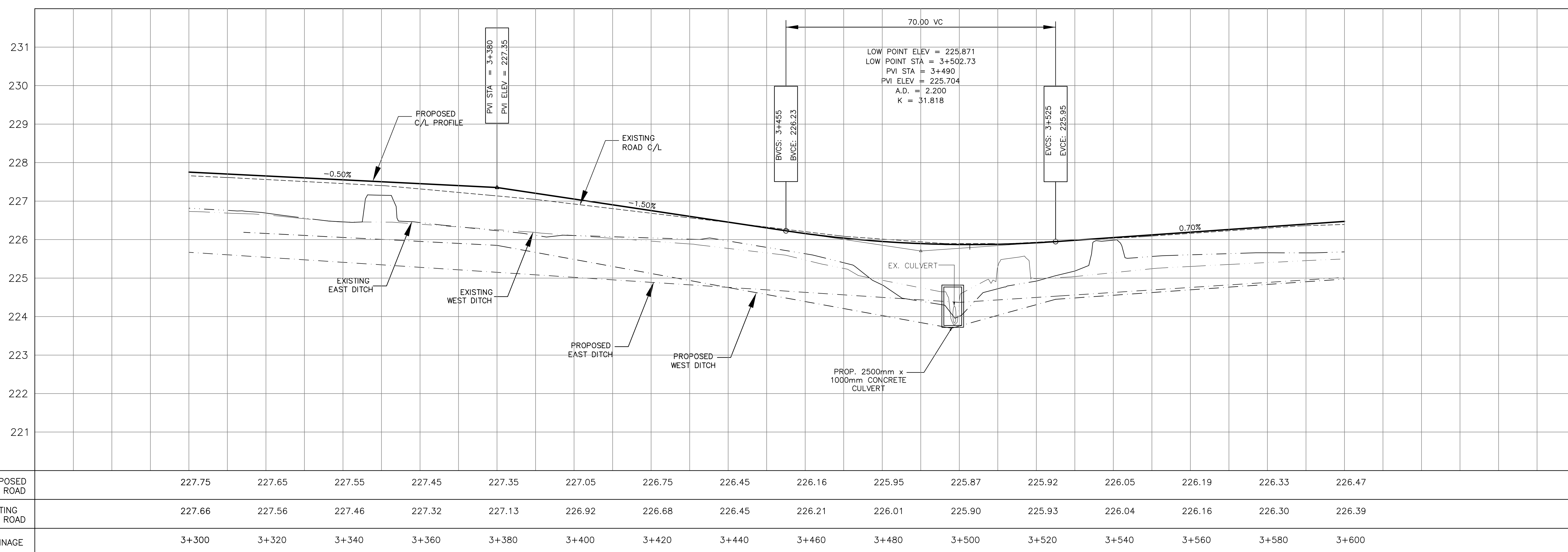
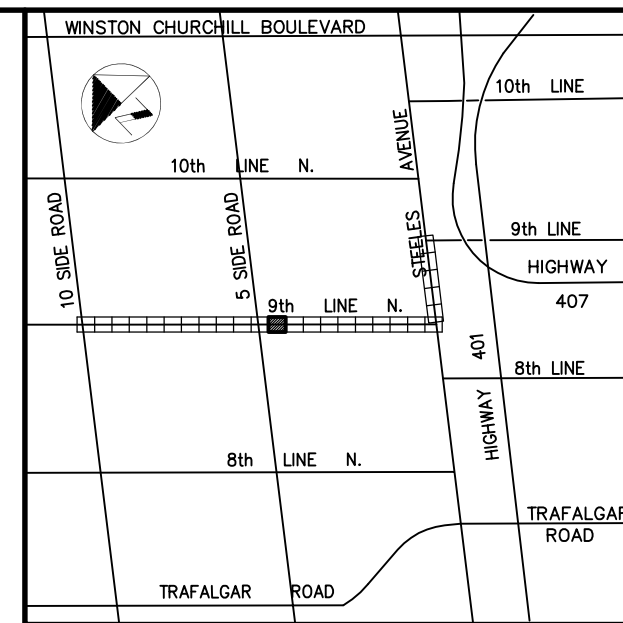
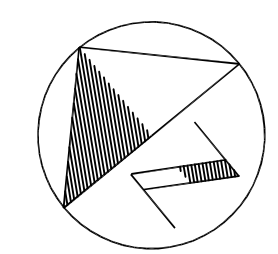
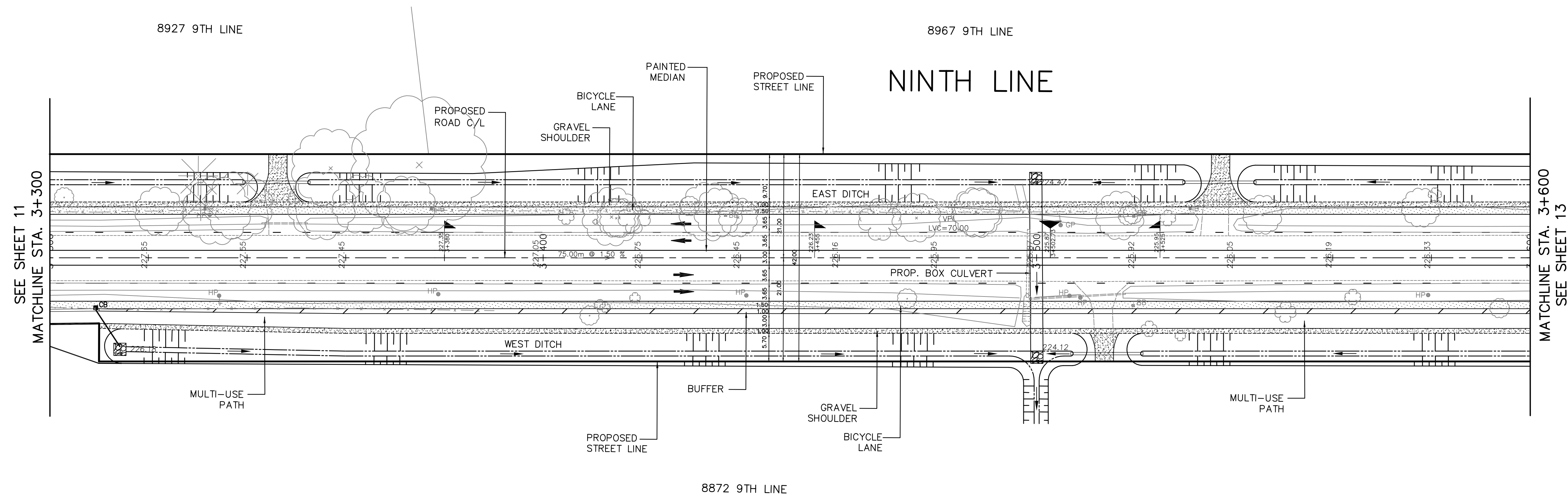
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DESIGNED BY Y.H.
CHECKED BY Y.H.
APPROVED BY A.A.
SCALE
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Vert. 1:50

Consultant
UEM
URBAN & ENVIRONMENTAL MANAGEMENT INC.
PROFESSIONAL CONSULTING SERVICES
5100 Orbitor Drive, Suite 300,
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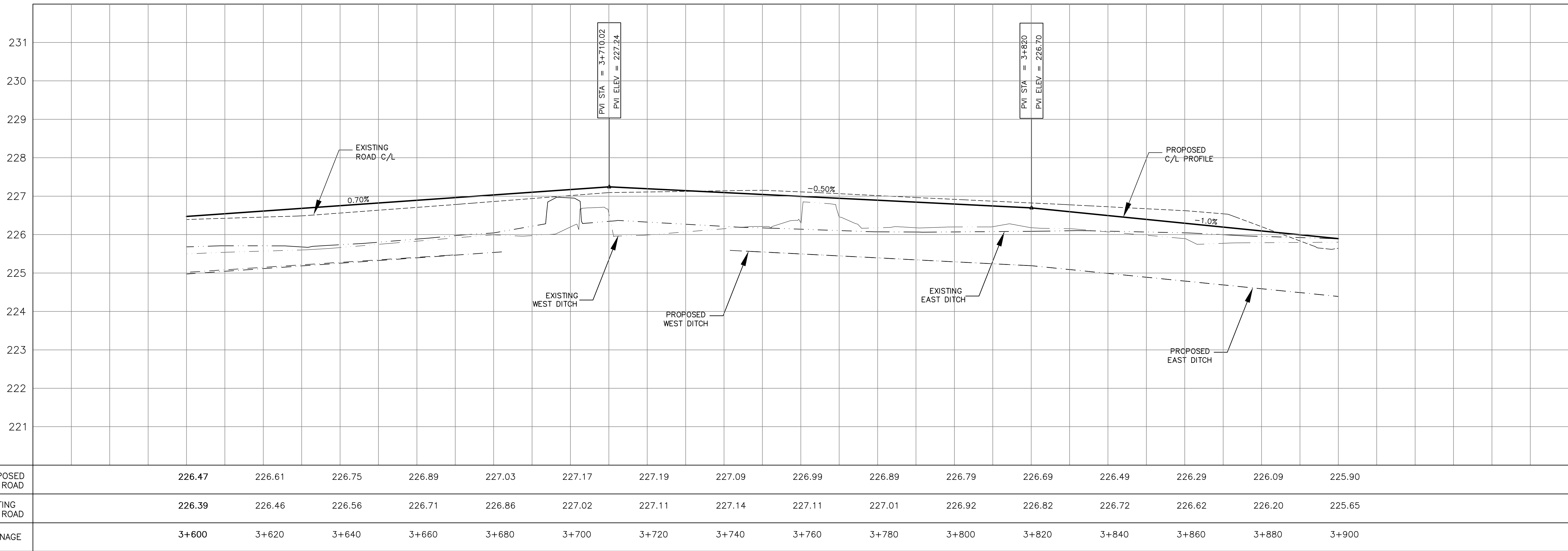
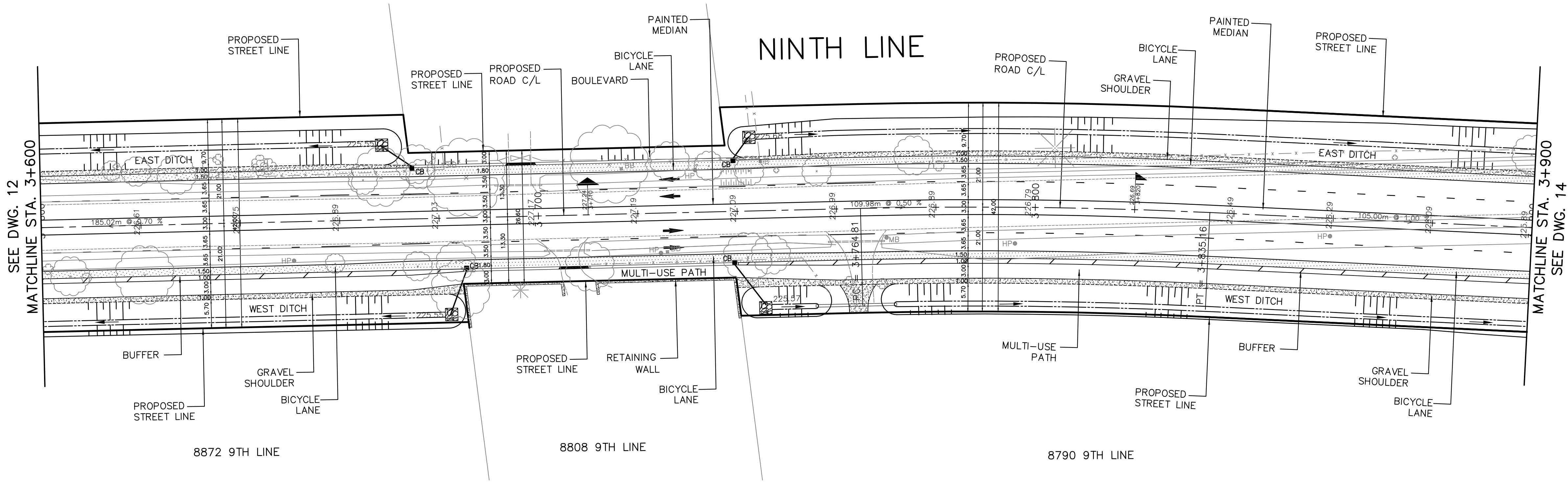
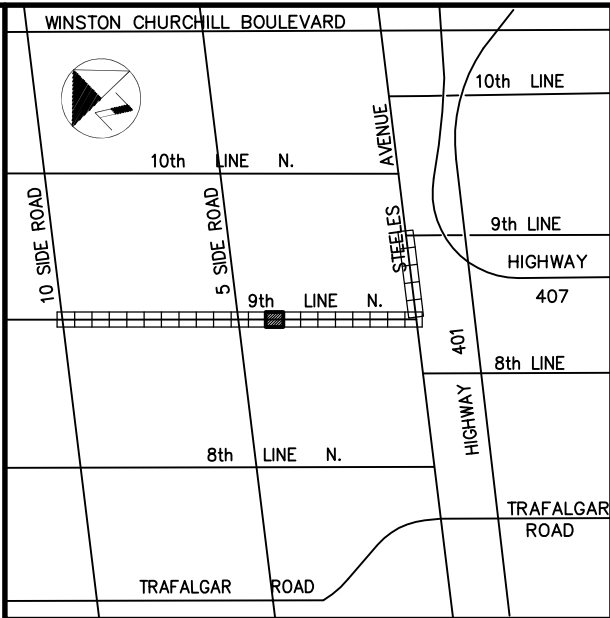
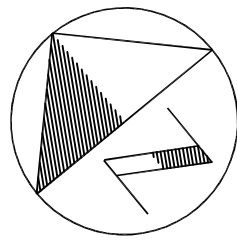
Client
Halton REGION

Project
**CLASS ENVIRONMENTAL ASSESSMENT STUDY
NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS
HIGHWAY 407 TO 10 SIDE ROAD**

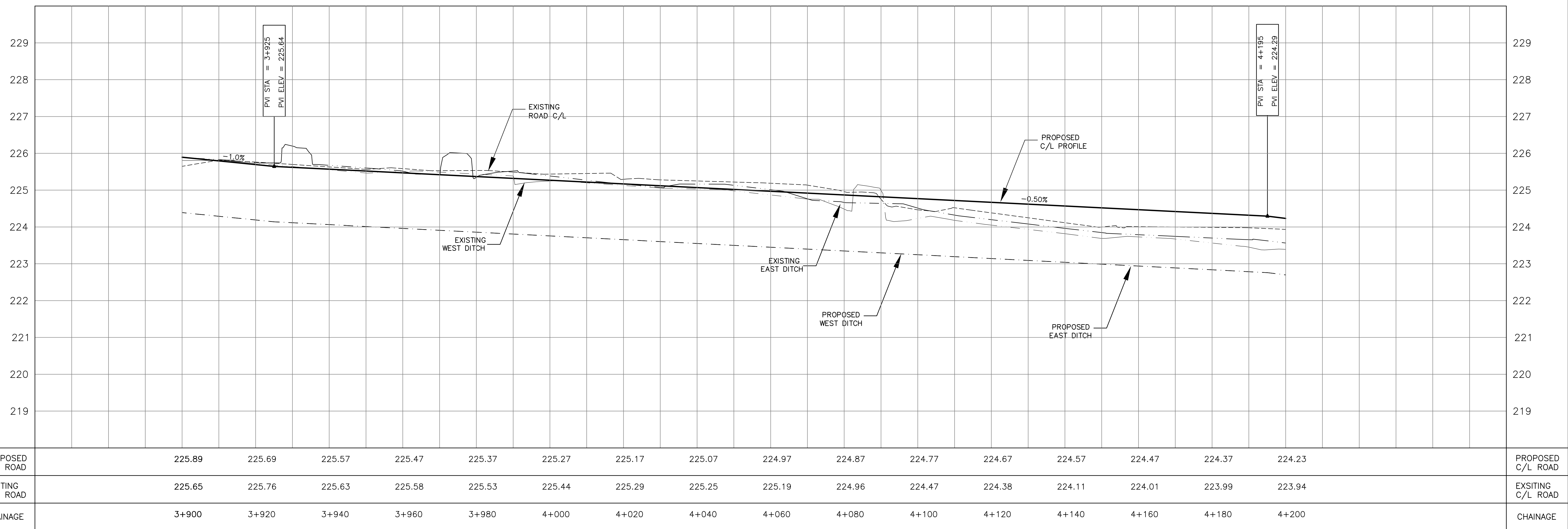
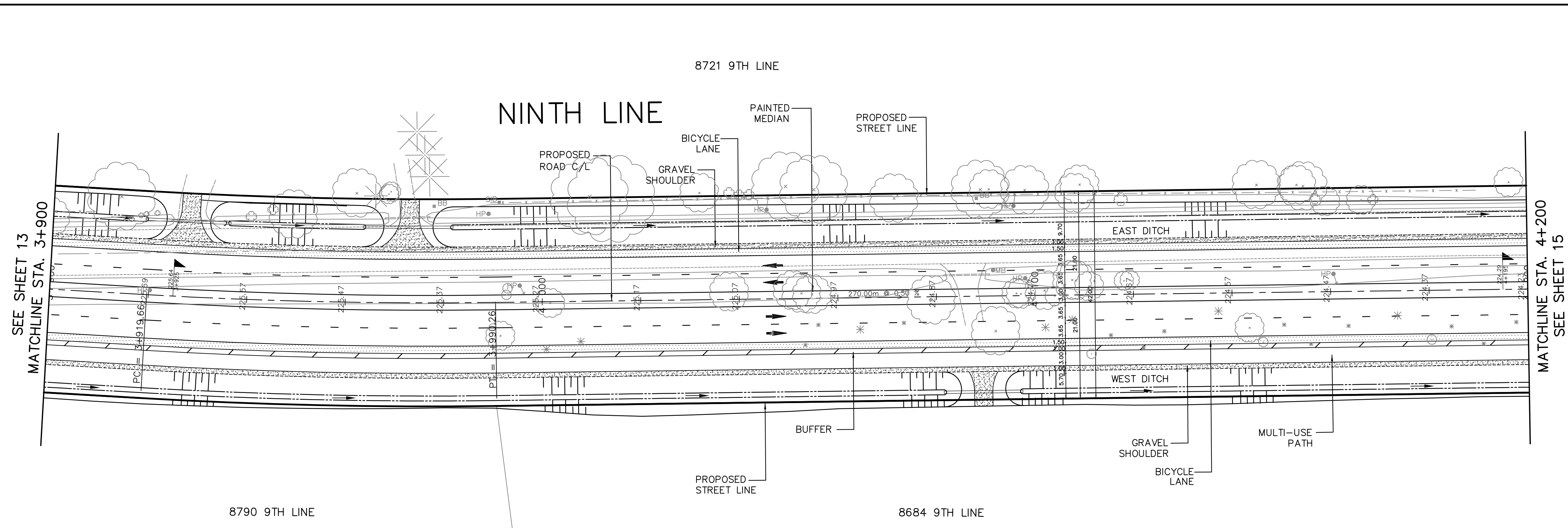
Title
**NINTH LINE
PLAN AND PROFILE
3+000 TO STA. 3+300**
Date: April 2016
Consultant's Project No. 14-508
Regional File No. PR-2876
Drawing No. SHEET 11 OF 22



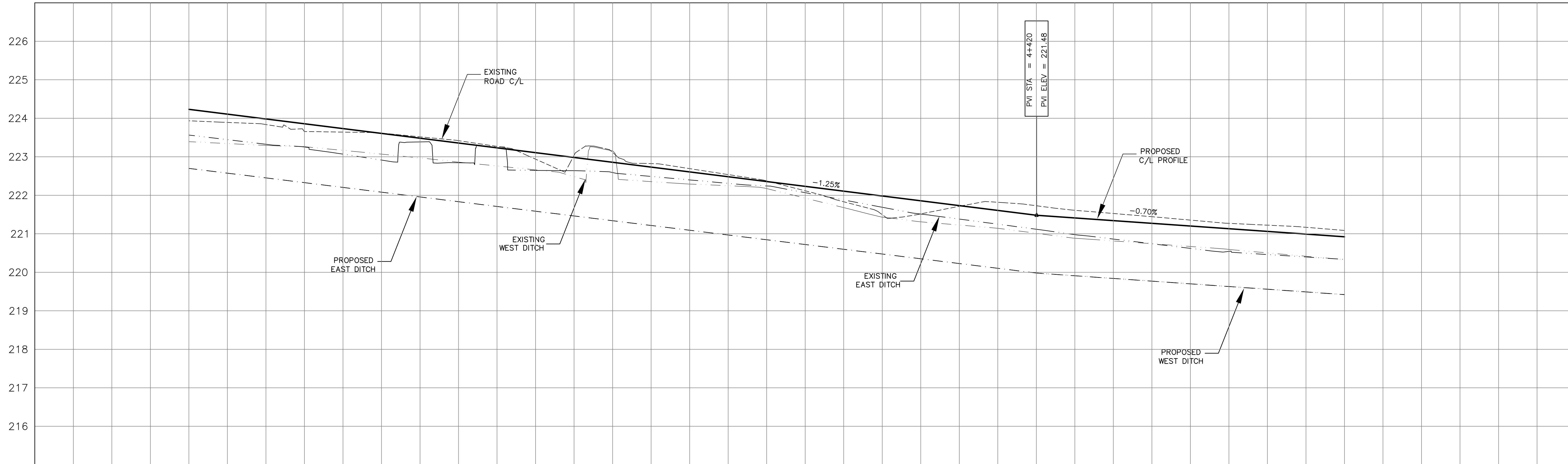
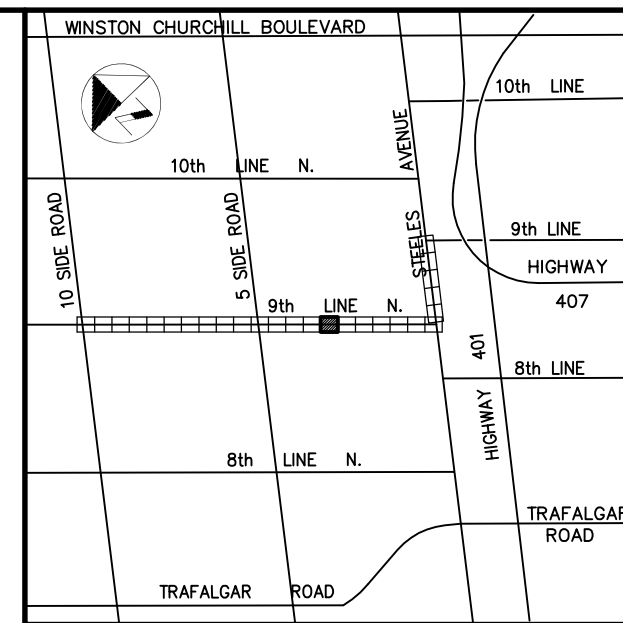
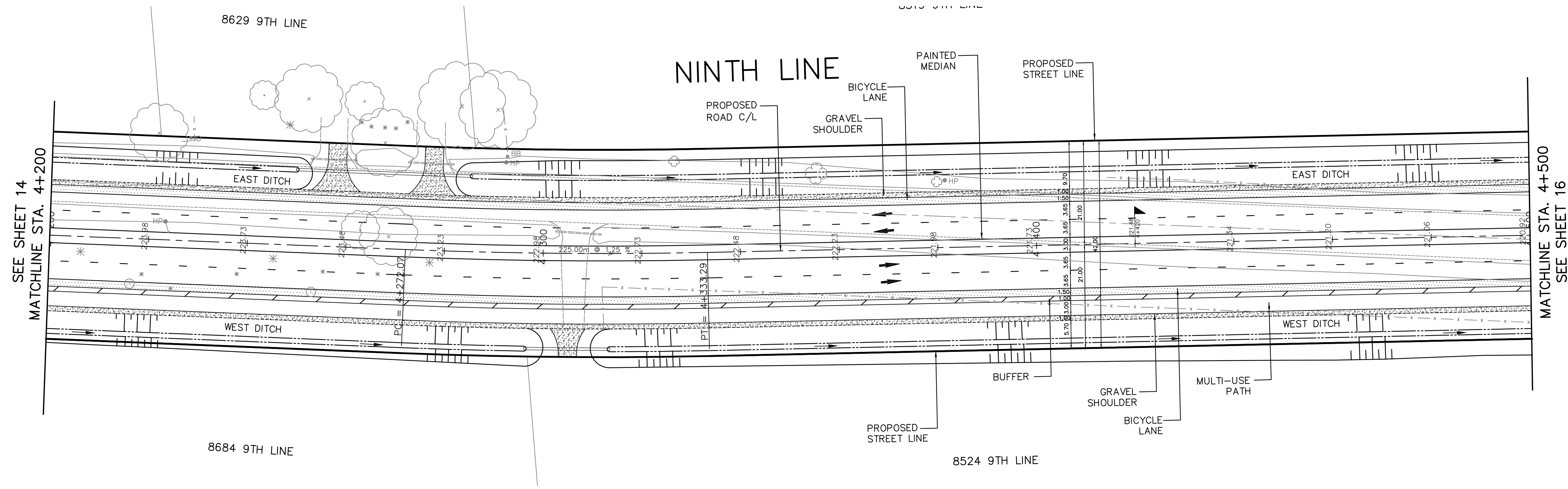
NOT FOR CONSTRUCTION	DRAWN BY CADD DESIGNED BY Y.H. CHECKED BY Y.H. APPROVED BY A.A. SCALE Horiz. 1:500 Vert. 1:50	Consultant URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES 5100 Orbitor Drive, Suite 300, Mississauga, ON Canada L4W 4Z4 TEL : (905) 212-9722 FAX : (905) 212-9397	Client 	Project CLASS ENVIRONMENTAL ASSESSMENT STUDY NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS HIGHWAY 407 TO 10 SIDE ROAD	Title NINTH LINE PLAN AND PROFILE STA. 3+300 TO STA. 3+600
				Date: April 2016 Consultant's Project No: 14-508	Regional File No: PR-2876 Drawing No: 12 OF 22



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		CHECKED BY	Y.H.							Date:	April 2016	Regional File No.	PR-2876
		APPROVED BY	A.A.							Consultant's Project No	14-508	Drawing No	SHEET 13 of 22
		SCALE											
		Horiz. 1:500											
		Vert. 1:50											



Notes	NOT FOR CONSTRUCTION	DRAWN BY CADD		Consultant	 URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES 5100 Orbitor Drive, Suite 300, Mississauga, ON Canada L4W 4Z4 TEL : (905) 212-9722 FAX : (905) 212-9397	Client		Project	CLASS ENVIRONMENTAL ASSESSMENT STUDY NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS HIGHWAY 407 TO 10 SIDE ROAD	Title	
		NINTH LINE PLAN AND PROFILE STA. 3+900 TO STA. 4+200									
		Date:	Regional File No.								
		April 2016	PR-2876								
		Consultant's Project N ^o	Drawing N ^o								
		14-508	SHEET 14 of 22								



PROPOSED C/L ROAD	224.23	223.98	223.73	223.48	223.23	222.98	222.73	222.48	222.23	221.98	221.73	221.48	221.34	221.20	221.06	220.92	PROPOSED C/L ROAD
EXISTING C/L ROAD	223.94	223.84	223.64	223.52	223.27	223.05	222.82	222.54	222.12	221.49	221.72	221.73	221.53	221.36	221.22	221.09	EXISTING C/L ROAD
CHAINAGE	4+200	4+220	4+240	4+260	4+280	4+300	4+320	4+340	4+360	4+380	4+400	4+420	4+440	4+460	4+480	4+500	CHAINAGE

NOT FOR CONSTRUCTION

Notes

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UEM

URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES
5100 Orbitor Drive, Suite 300, Mississauga, ON Canada L4W 4Z4
TEL : (905) 212-9722 FAX : (905) 212-9397

Client

Halton REGION

Project

CLASS ENVIRONMENTAL ASSESSMENT STUDY
NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS
HIGHWAY 407 TO 10 SIDE ROAD

Title

NINTH LINE
PLAN AND PROFILE
STA. 4+200 TO STA. 4+500

Date:

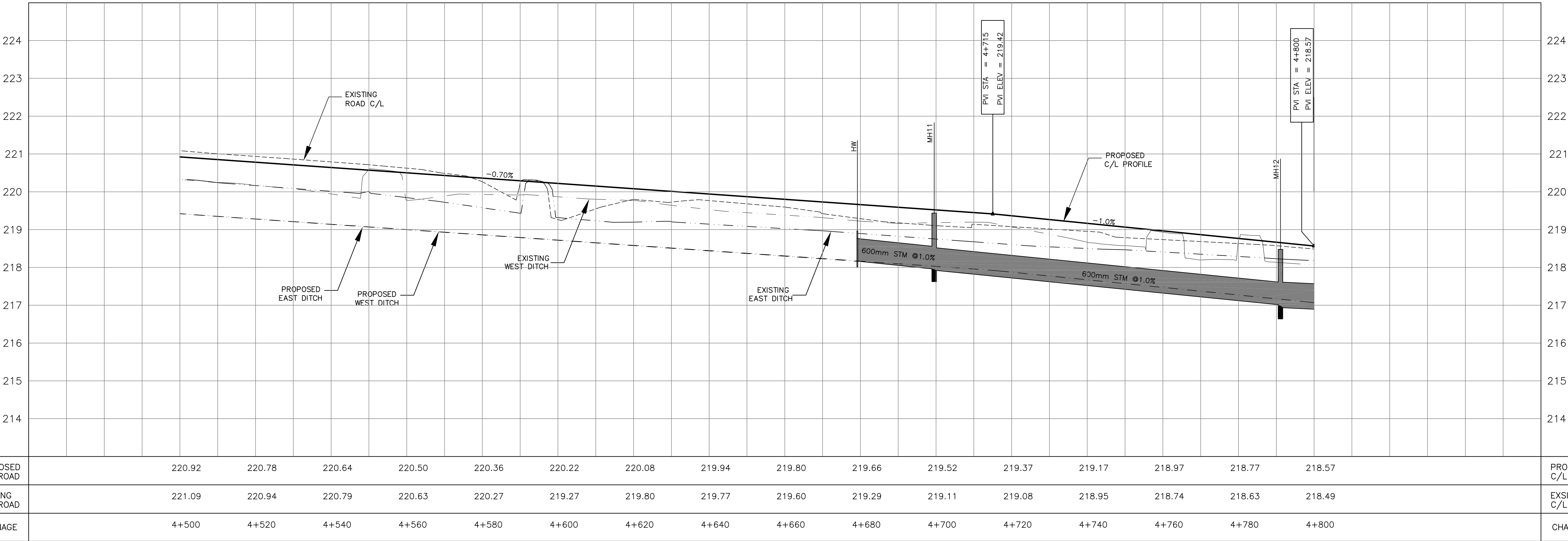
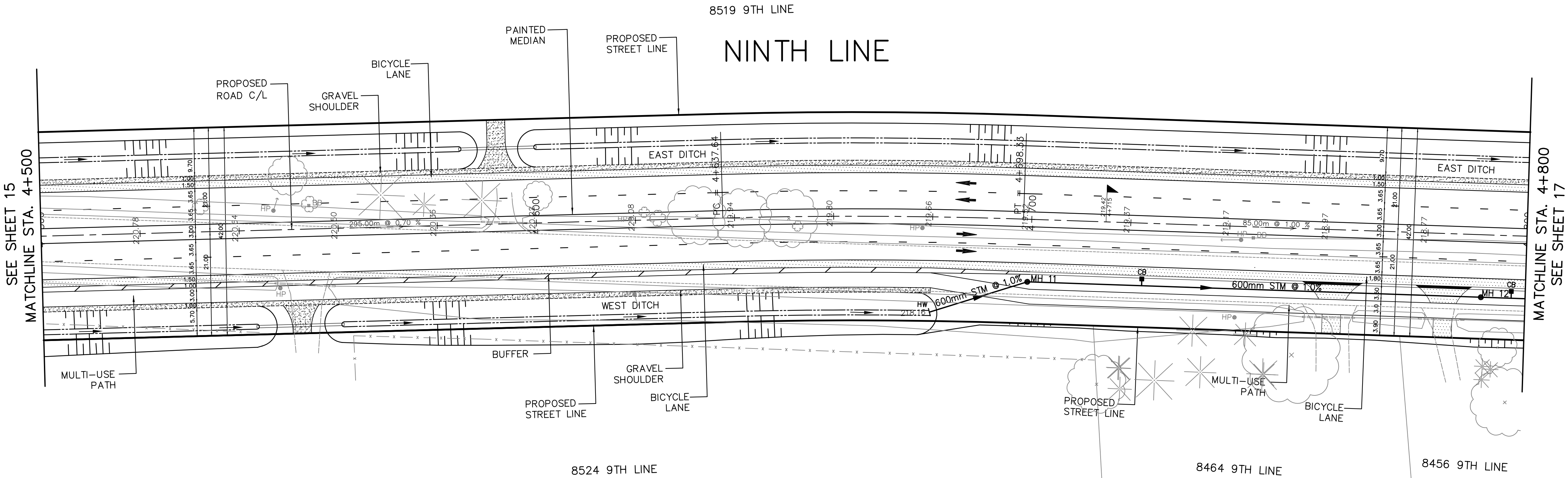
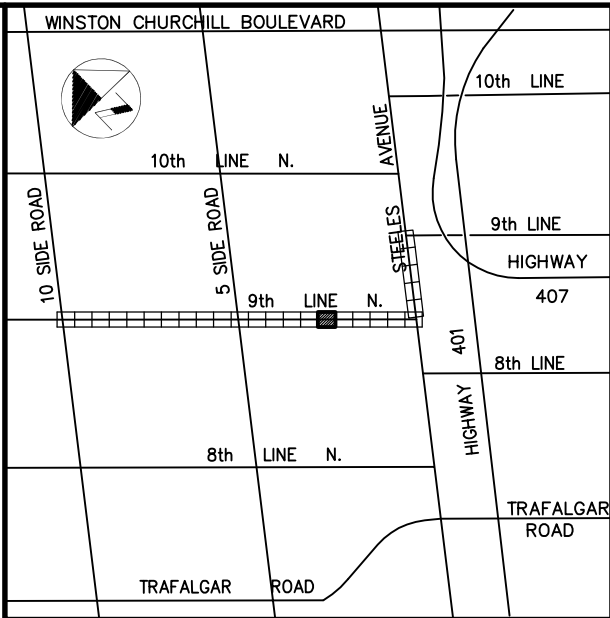
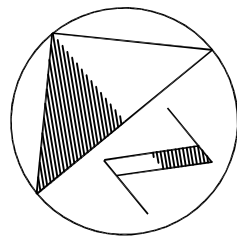
April 2016

Regional File No.
PR-2876

Consultant's Project No

14-508

Drawing No
SHEET 15 OF 22



NOT FOR CONSTRUCTION

DRAWN BY
DESIGNED BY
CHECKED BY
APPROVED BY

CADD
Y.H.
Y.H.
A.A.

SCALE
Horiz. 1:500
Vert. 1:50

10 5 0 10

1 0.5 0 1

Consultant

UEM

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NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS
HIGHWAY 407 TO 10 SIDE ROAD

Title

NINTH LINE
PLAN AND PROFILE
STA. 4+500 TO STA. 4+800

Date:

April 2016

Consultant's Project No

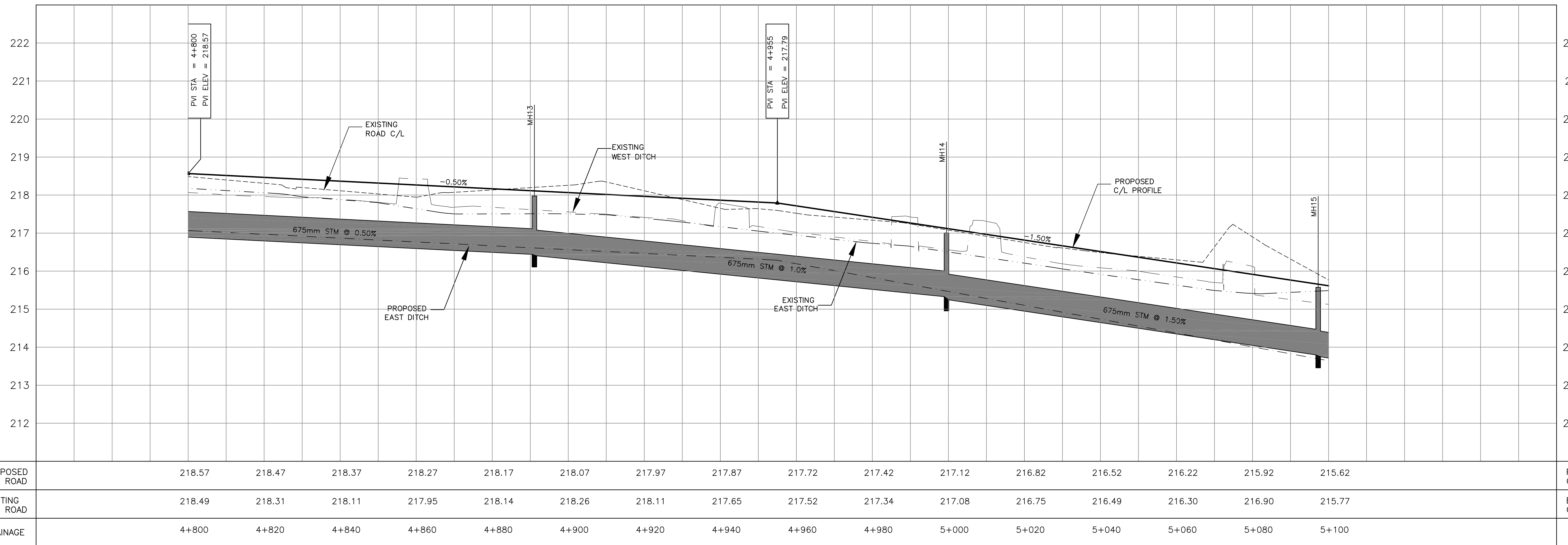
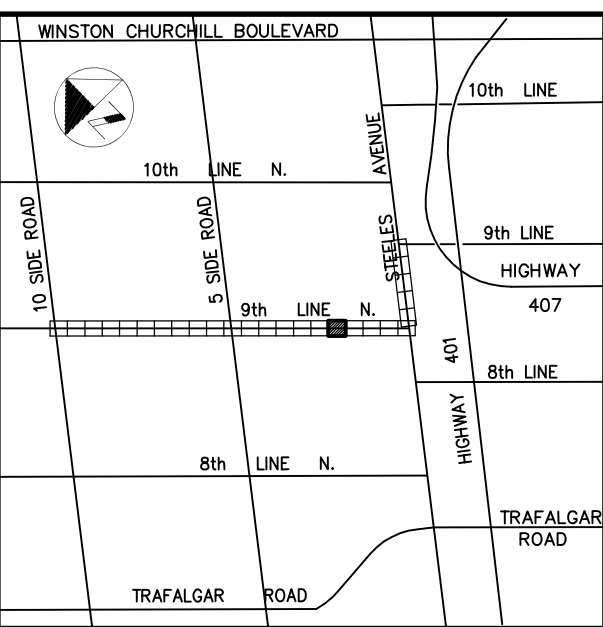
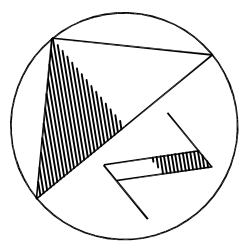
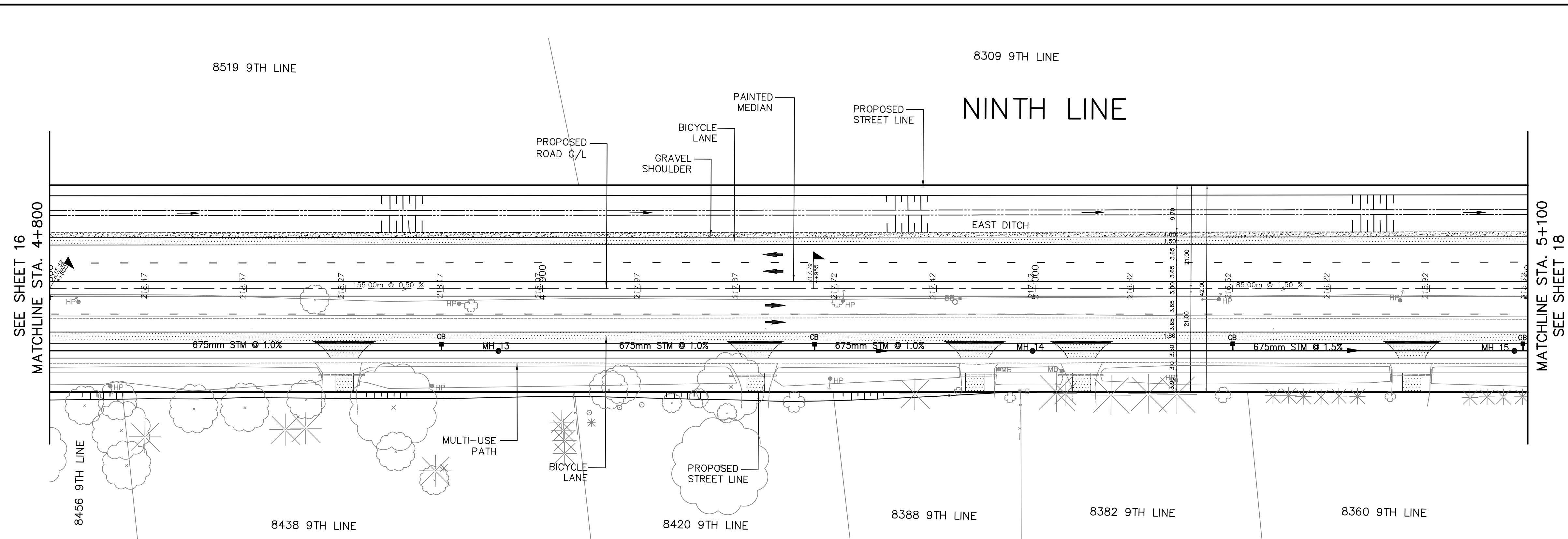
14-508

Regional File No.

PR-2876

Drawing No

16 OF 22



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DRAWN BY	CADD
DESIGNED BY	Y.H.
CHECKED BY	Y.H.
APPROVED BY	A.A.
SCALE	
Horiz. 1:500	10 5 0 10
Vert. 1:50	1 0.5 0 1

Consultant

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Halton REGION

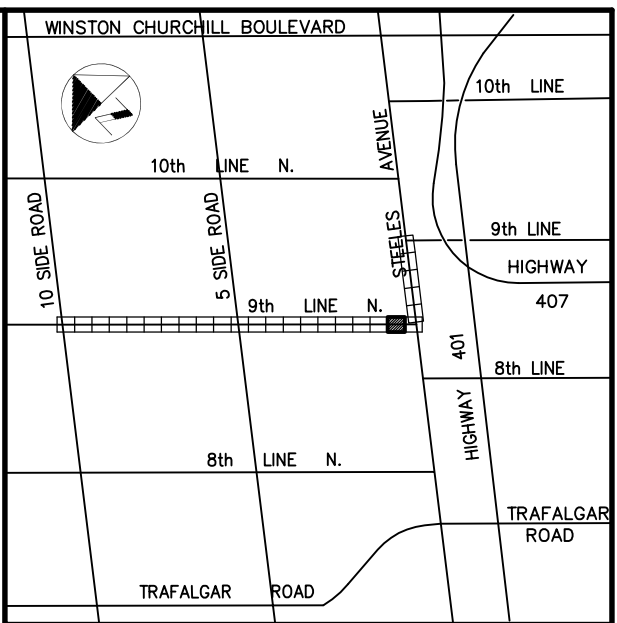
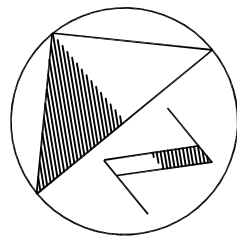
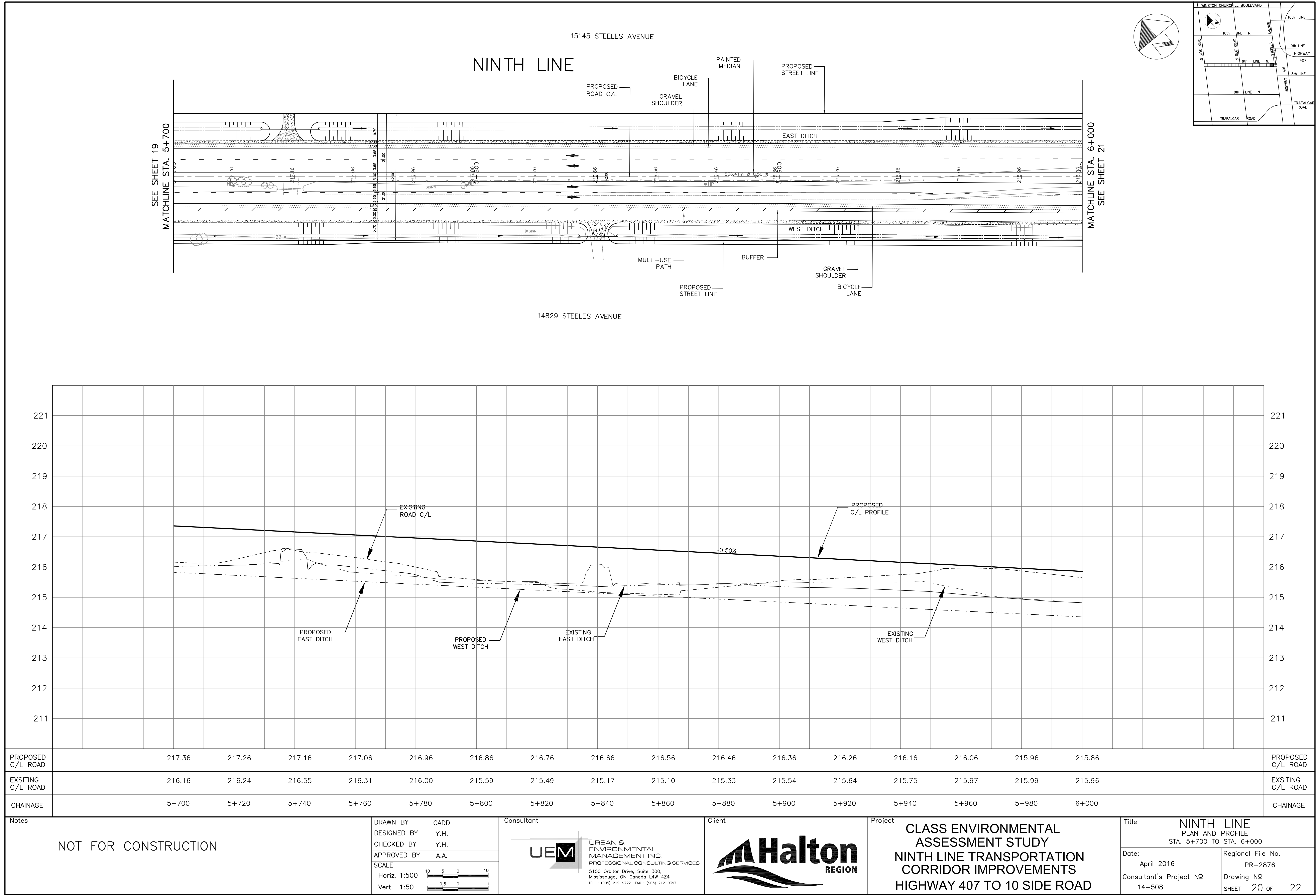
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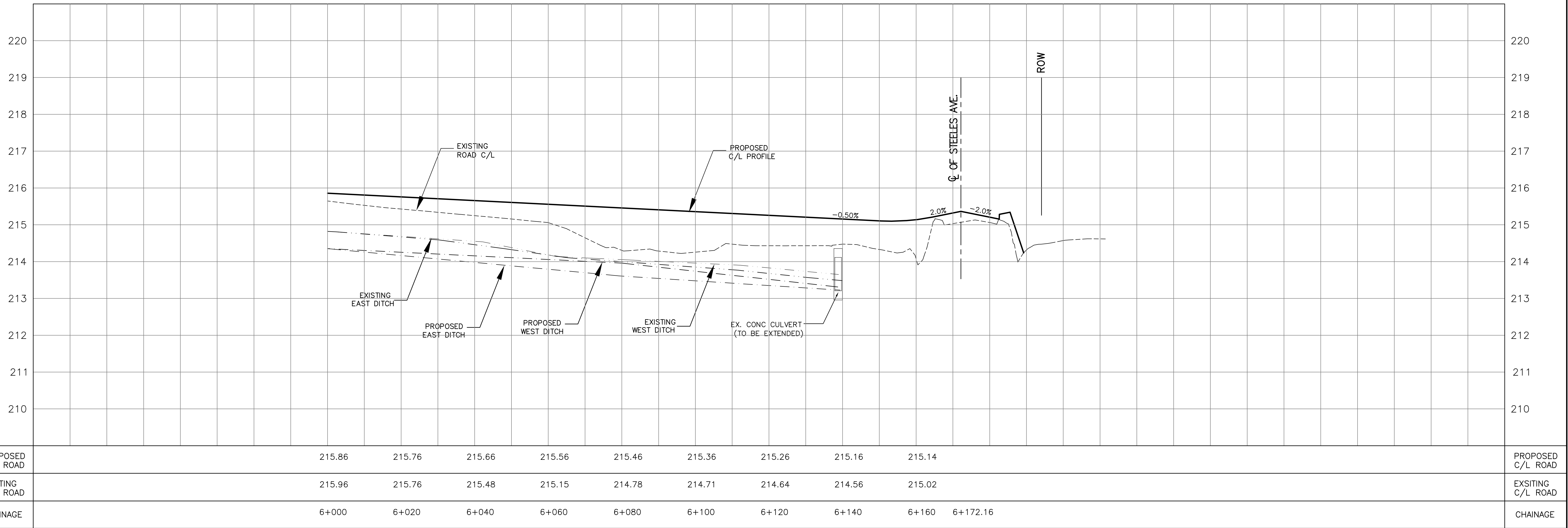
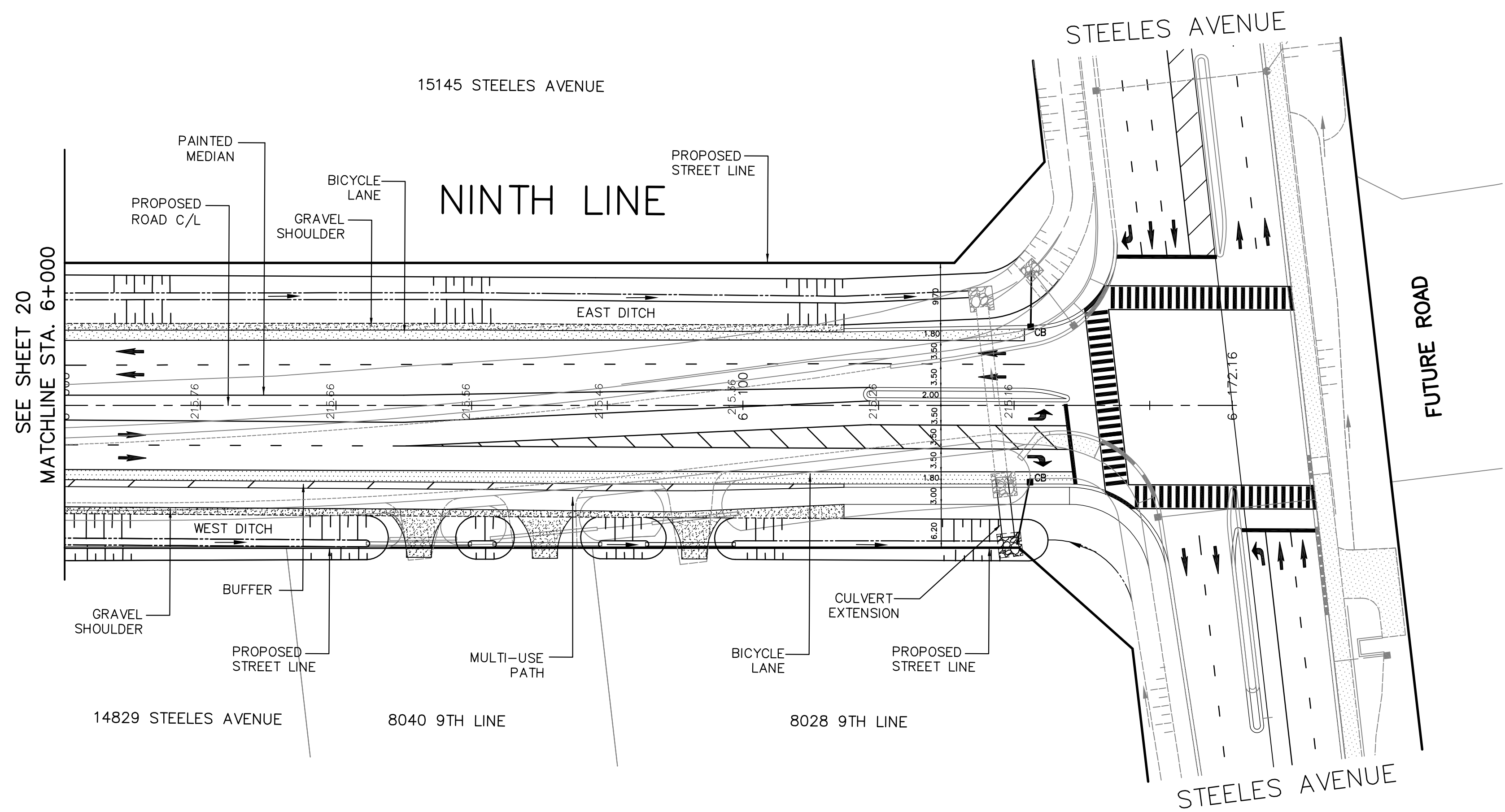
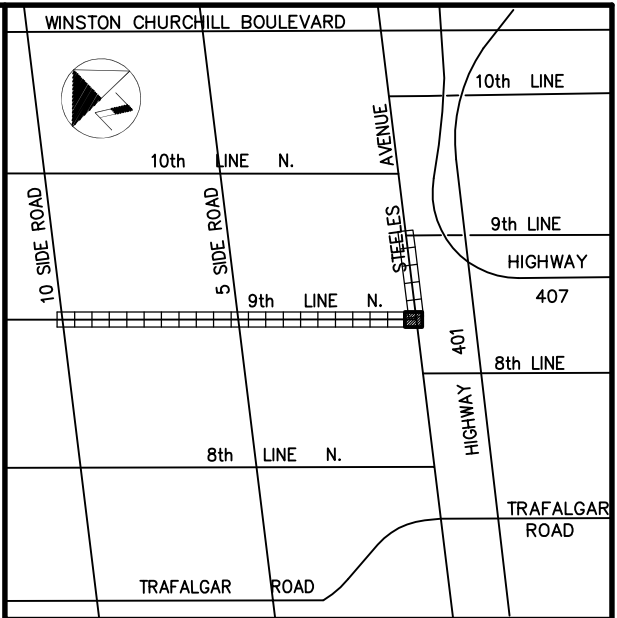
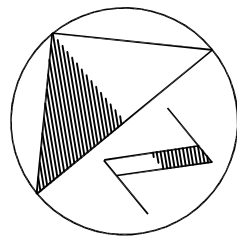
CLASS ENVIRONMENTAL ASSESSMENT STUDY
NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS
HIGHWAY 407 TO 10 SIDE ROAD

Title

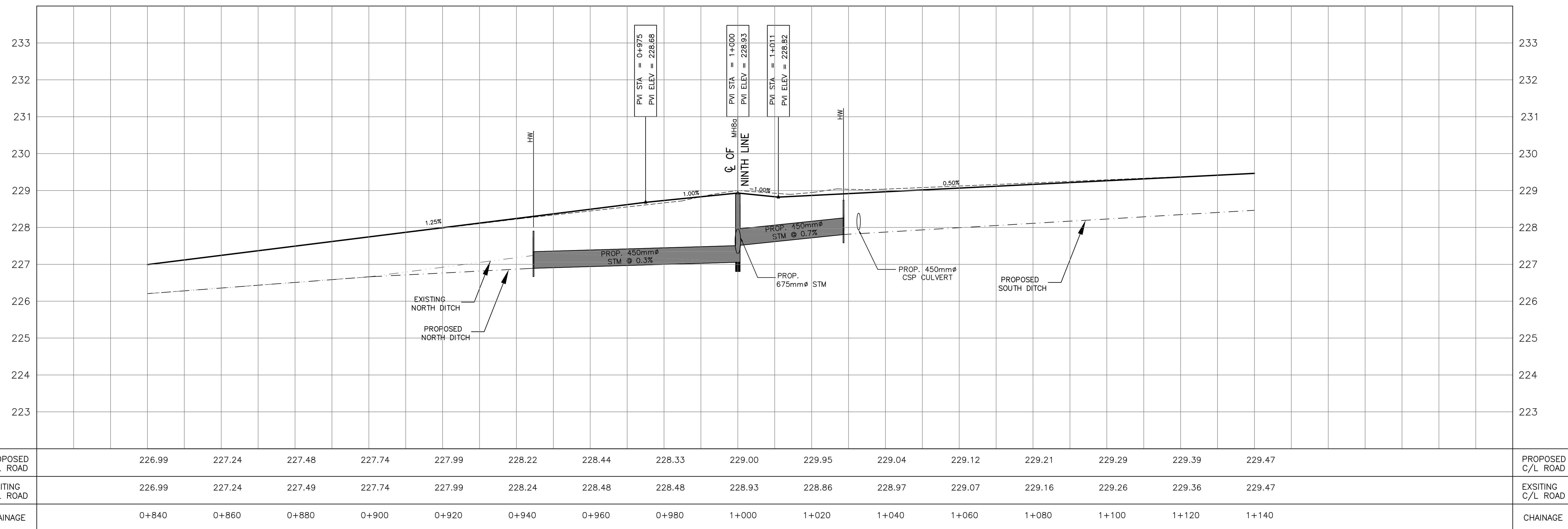
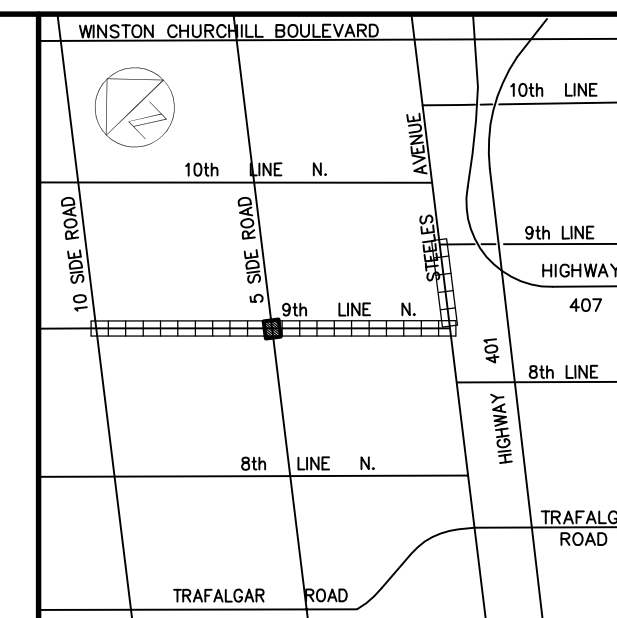
NINTH LINE
PLAN AND PROFILE
STA. 4+800 TO STA. 5+100

Date:	April 2016	Regional File No.	PR-2876
Consultant's Project No	14-508	Drawing No	SHEET 17 OF 22





NOT FOR CONSTRUCTION	DRAWN BY	CADD	 URBAN & ENVIRONMENTAL MANAGEMENT INC. PROFESSIONAL CONSULTING SERVICES 5100 Orbitor Drive, Suite 300, Mississauga, ON Canada L4W 4Z4 TEL : (905) 212-9722 FAX : (905) 212-9397	 Halton REGION	Project	CLASS ENVIRONMENTAL ASSESSMENT STUDY NINTH LINE TRANSPORTATION CORRIDOR IMPROVEMENTS HIGHWAY 407 TO 10 SIDE ROAD		Title	
	NINTH LINE PLAN AND PROFILE STA. 6+000 TO STA. 6+172.16								
	Date:	April 2016						Regional File No.	PR-2876
	Consultant's Project No	14-508						Drawing No	SHEET 21 OF 22



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	CHECKED BY	Y.H.				Date:	April 2016	Regional File No.	PR-2876
	APPROVED BY	A.A.				Consultant's Project No.	14-508	Drawing No.	22 of 22
	SCALE	Horiz. 1:500 Vert. 1:50							