

HIGHWAY 427 EXPANSION

DCR # 4

E.2 New Construction



January 31, 2019



SUPPLEMENTAL LEGEND

RIGHT OF WAY, FENCES, ETC.

	RIGHT OF WAY (ROW)
	ROW - TEMPORARY LIMITED INTEREST (TLI)
	FUTURE TRANSITWAY ROW
	CHAIN LINK FENCE (TOP WIRE) ON RIGHT OF WAY (OPSD 972.130)
	HEAVY DUTY SILT FENCE BARRIER (OPSD 219.130)
	TURBIDITY CURTAIN (OPSD 219.260)
	TREE PROTECTION
	GATE (OPSD 972 SERIES)

DRAINAGE

	STORM SEWER
	150mmØ SUBDRAIN
	CATCH BASIN / DITCH INLET, MANHOLE
	TWIN INLET CATCH BASIN / MANHOLE
	CATCH BASIN, MANHOLE TO BE ADJUSTED
	CULVERT
	CULVERT WITH HEADWALL
	FLOW CHECK DAM OPSD 219.211 - TEMPORARY ROCK (DURING CONSTRUCTION) OPSD 219.180 - PERMANENT STRAW BALE
	FLOW CHECKS & RIP RAP AT DITCH INLETS OPSD 219.180 - STRAW BALE FLOW CHECK OPSD 810.020 - RIP RAP TREATMENT
	FLOW ARROW
	V-TYPE DITCH
	FLAT BOTTOM DITCH

NEW CONSTRUCTION

	SIDEWALK / MULTI-USE PATH
	RETAINING WALL
	STEEL BEAM GUIDERAIL
	CONCRETE BARRIER
	CONCRETE CURB AND GUTTER
	GUTTER OUTLET 45° WITH ASPHALT SPILLWAY
	STEEL BEAM ENERGY ATTENUATING TERMINAL (SBEAT) / ENERGY ATTENUATOR PERMANENT (EAP)
	EARTH FILLS RAISED BENCH
	EARTH CUTS RAISED BENCH
	CUTS AND FILLS (EARTH)
	RIP-RAP (SEE WAT DRAWINGS FOR CULVERT INFO)
	SEED & EROSION CONTROL BLANKET (USED ON SLOPES STEEPER THAN 3:1)
	MISCELLANEOUS ASPHALT PAVING
	HIGH MAST LIGHT POLE APRON

MISCELLANEOUS

	ENVIRONMENTAL PROTECTION ZONE 1
	ENVIRONMENTAL PROTECTION ZONE 2

REMOVALS

	TREE TO BE GRUBBED
	TREE/VEGETATION GRUBBING
	CONCRETE CURB & GUTTER OR CONCRETE BARRIER TO BE REMOVED
	GUIDE RAIL TO BE REMOVED
	FENCE TO BE REMOVED
	CULVERT TO BE REMOVED
	GATE TO BE REMOVED
	CB, DI, MH TO BE REMOVED
	REMOVAL OF ASPHALT PAVEMENT, FULL DEPTH
	REMOVAL OF ASPHALT PAVEMENT, PARTIAL DEPTH
	CONCRETE REMOVAL
	REMOVAL OF ASPHALT PAVEMENT ON STRUCTURE

STAGING

	FLEXIBLE DELINEATOR POSTS
	TC-54 (TRAFFIC CONTROL BARRELS)
	TEMPORARY CONCRETE BARRIER (TCB) (INCLUDING DELINEATORS/REFLECTORS)
	ENERGY ATTENUATOR
	WORK ZONE / UNDER CONSTRUCTION
	UNDER CONSTRUCTION TEMPORARY
	NIGHT CLOSURE CONSTRUCTION
	COMPLETED CONSTRUCTION
	COMPLETED CONSTRUCTION TEMPORARY
	CONSTRUCTION INGRESS / EGRESS
	NO. OF LANES / TRAFFIC FLOW

PAVEMENT MARKING

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
20	SYMBOLS
] [LIMITS OF MARKINGS	

NOTES:

- 333, 363, 393, Denotes Pavement Marking Spacing (ie., 3 m line, 3 m gap, 3 m line)
- Use ① to Denote PAVEMENT MARKING
- Use ① to Denote PAVEMENT MARKING, TEMPORARY
- Use ① to Denote PAVEMENT MARKING, TEMPORARY-REMOVABLE
- Use ① to Denote PAVEMENT MARKING, DURABLE

PAVEMENT MARKING (DETOUR ORANGE)

21	SOLID ORANGE, 10cm
22	SOLID DOUBLE ORANGE, 10cm
23	363 BROKEN ORANGE, 10cm
24	SOLID ORANGE, 20cm
25	SOLID ORANGE, 10cm
26	333 BROKEN ORANGE, 10cm
27	363 BROKEN ORANGE, 10cm
28	393 BROKEN ORANGE, 10cm
29	SOLID ORANGE, 20cm
30	111 BROKEN ORANGE, 20cm
31	333 BROKEN ORANGE, 20cm
32	333 BROKEN ORANGE, 30cm
33	SOLID ORANGE, 30cm
34	SOLID ORANGE, 45cm
40	SYMBOLS
] [LIMITS OF MARKINGS	

*NOTE: ORANGE PMK FOR FREEWAY ONLY.

TRAFFIC SIGN

	EXISTING GROUND MOUNTED SIGN
	SINGLE POST GROUND MOUNTED SIGN
	DOUBLE POSTS GROUND MOUNTED SIGN

PRELOADING

	TOP OF TEMPORARY BERM BARRIER (OPSD 219.231)
	SETTLEMENT ROD (SR)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.
A	19/01/25	90% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.B.

SCALE :

N.T.S

DESIGNED	EDDY LEUNG
DRAWN	DUNCAN CAMPBELL
CHECKED	JONATHAN MOHACSI
APPROVED LEAD ENGINEER	PETER BAMFORTH
APPROVED PROJ. MANAGER	
NAME (PRINT)	INIT. DATE

CONSULTANT	
DESIGNED	
DRAWN	
CHECKED	
APPROVED LEAD ENGINEER	
APPROVED PROJ. MANAGER	
NAME (PRINT)	INIT. DATE



HWY 427 EXPANSION							
SUPPLEMENTAL LEGEND							
HIGHWAY 427 MAINLINE							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	GEN	000	DWG	0010	A

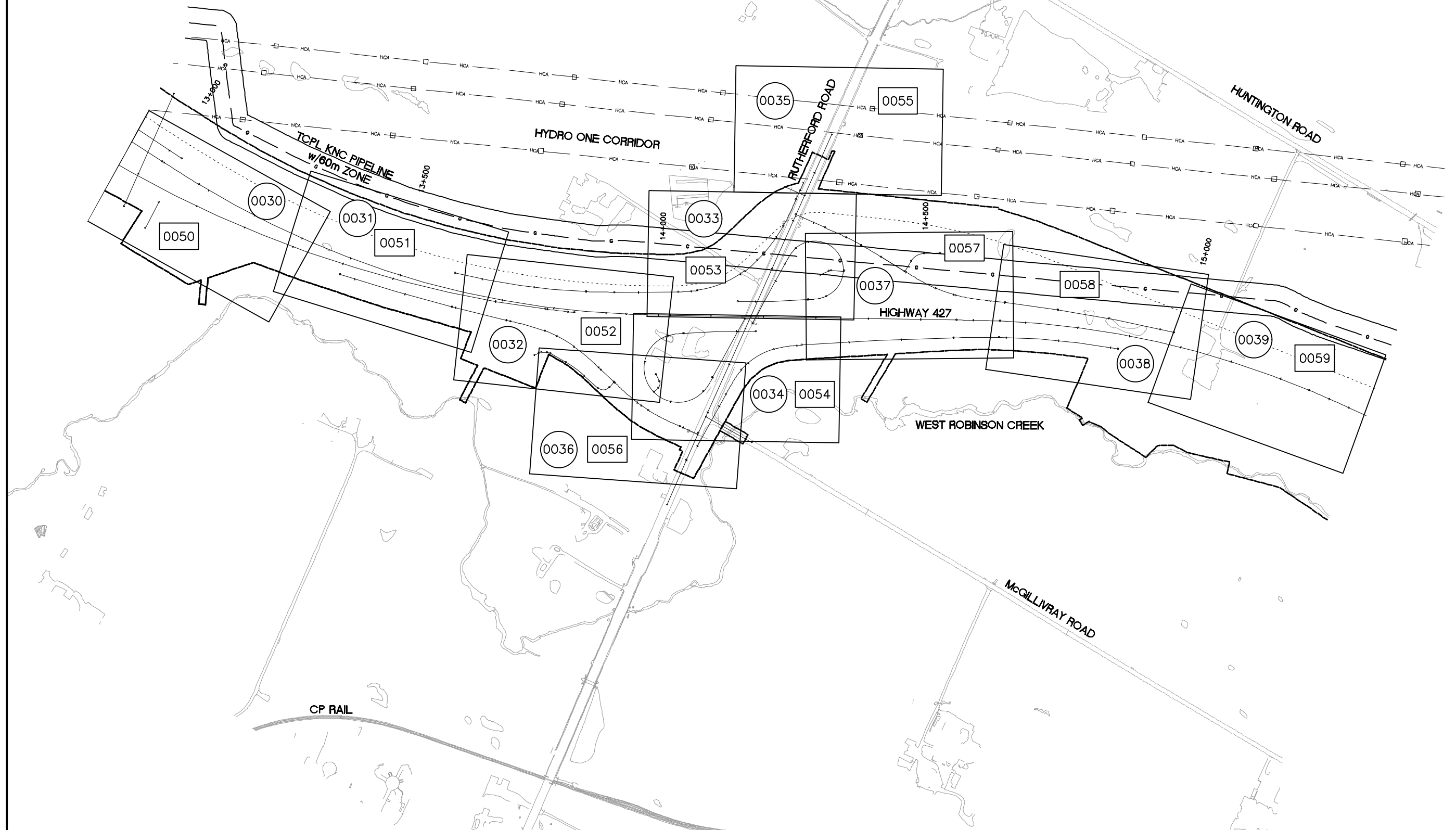
LEGEND



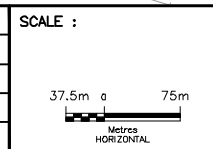
GUIDERAIL AND BARRIERS



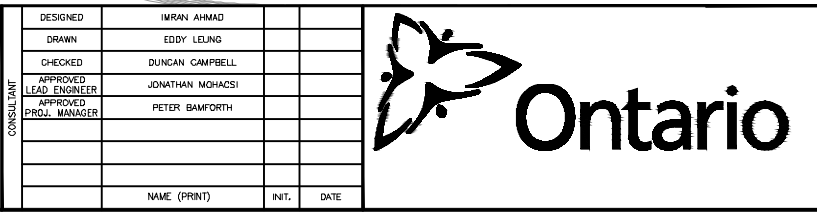
PAVEMENT MARKING AND SIGNAGE



NO.	DATE	REVISIONS	BY	CHK	LEAD. DISC.	PROJ. MGR.
18/11/15		DRAFT - 90% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.R.



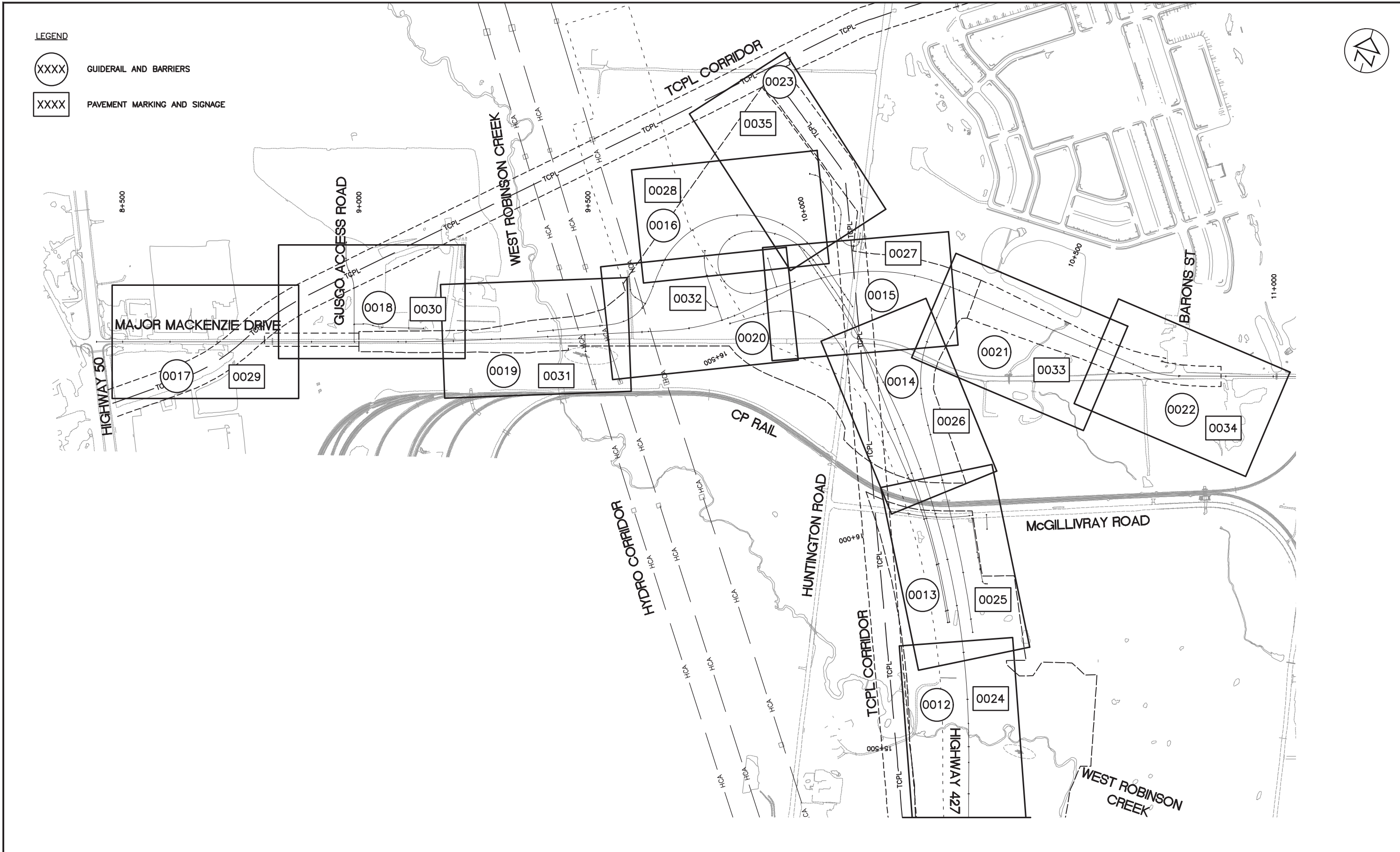
DESIGNED	IMRAN AHMAD	
DRAWN	EDDY LELING	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
CONSULTANT		
NAME (PRINT)	INIT.	DATE



TITLE								HWY 427 EXPANSION							
								SHEET INDEX							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER	PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	7	HWY	000	DWG	0011		H427-D	N	7	HWY	000	DWG	0011	

LEGEND

- XXXX GUIDERAIL AND BARRIERS
- XXXX PAVEMENT MARKING AND SIGNAGE

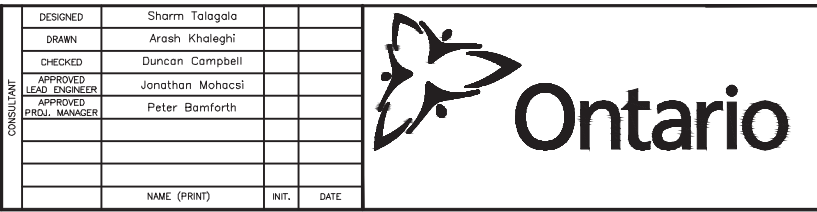


NO.	DATE	REVISIONS	BY	CHK	LEAD	PRJL	MAN
A	19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.	

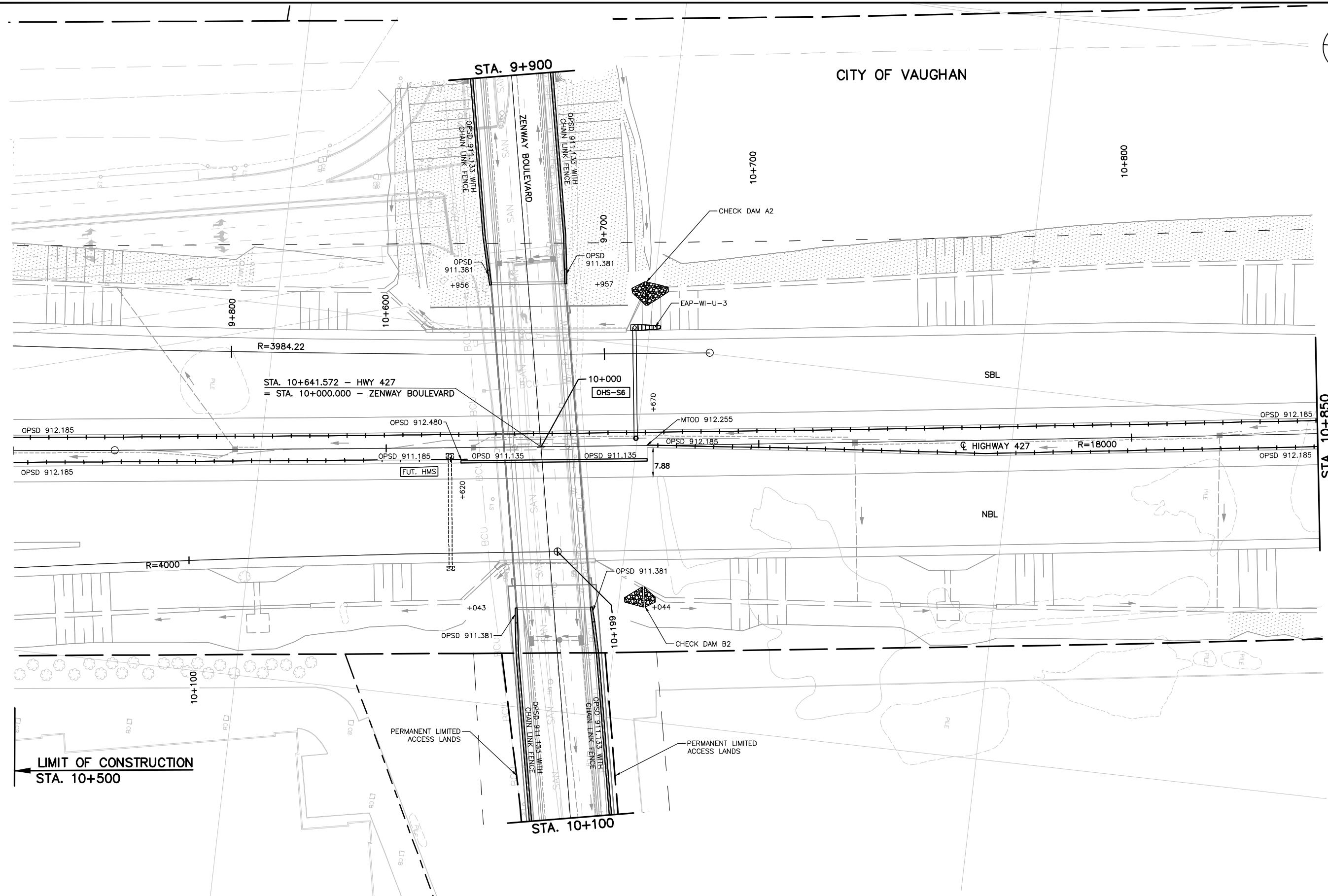
SCALE :

N.T.S.

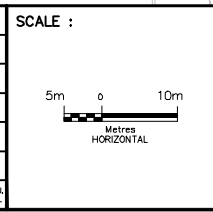
DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
CONSULTANT		
NAME (PRINT)	INIT.	DATE



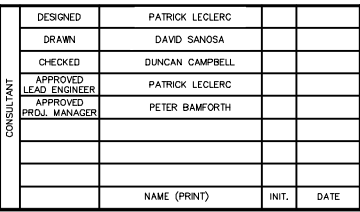
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HWY 427 EXPANSION							
SHEET INDEX							
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H427-D	N	8	HWY	000	DWG	0011	A



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.M.	P.B.



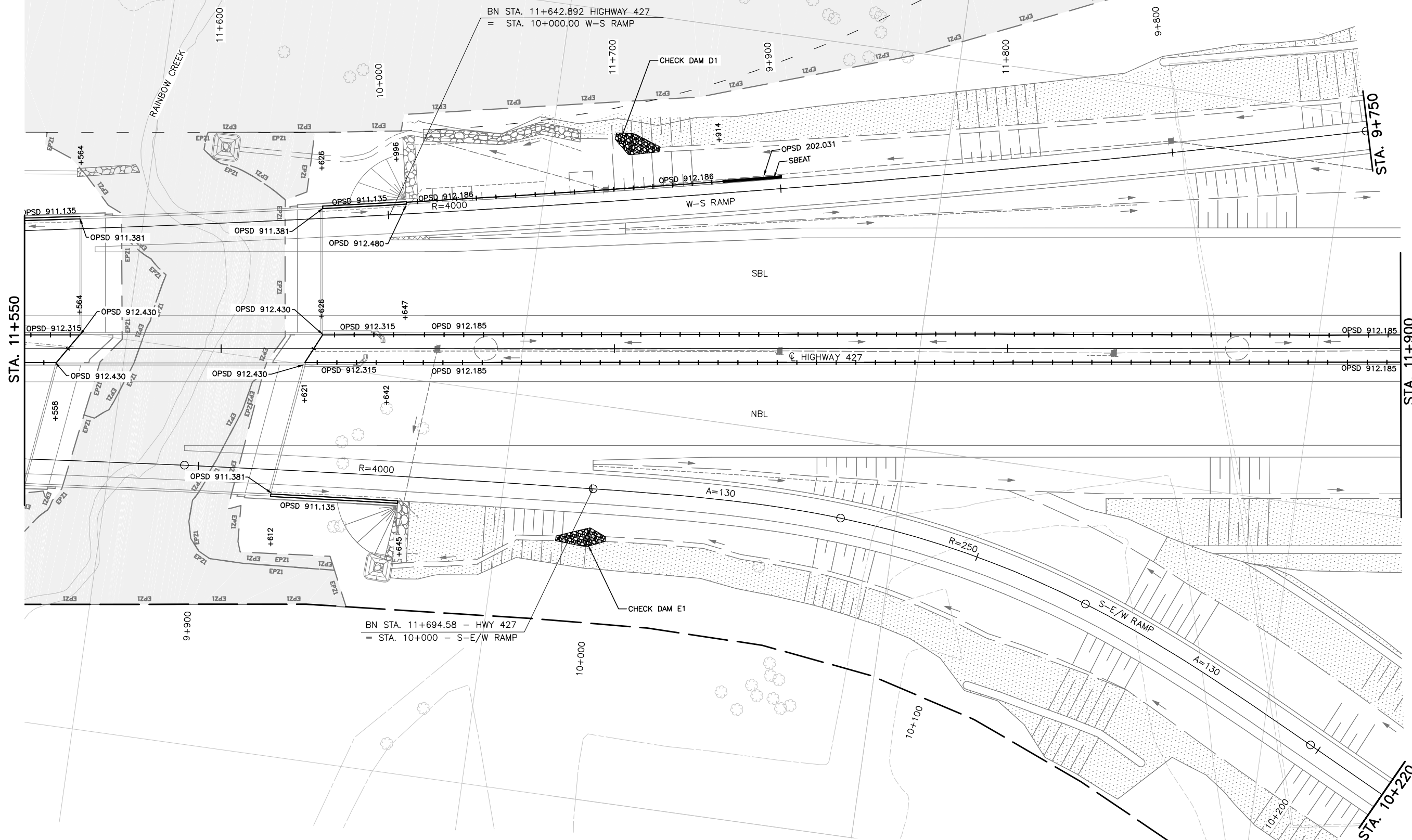
DESIGNED	PATRICK LECLERC	
DRAWN	DAVID SANOSA	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	PATRICK LECLERC	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0030	A

HWY 427 EXPANSION
NEW CONSTRUCTION
GUIDERAIL & OVERHEAD SIGN STRUCTURES
STA. 10+500 TO STA. 10+850

CITY OF VAUGHAN



STA. 11+550

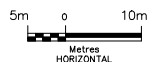
STA. 11+900

STA. 10+220

BN STA. 11+642.892 HIGHWAY 427
= STA. 10+000.00 W-S RAMP

BN STA. 11+694.58 - HWY 427
= STA. 10+000 - S-E/W RAMP

SCALE :



DESIGNED	MIRAN AHMAD		
DRAWN	MICHAEL ETINGEN		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
CONSULTANT			
	NAME (PRINT)	INIT.	DATE

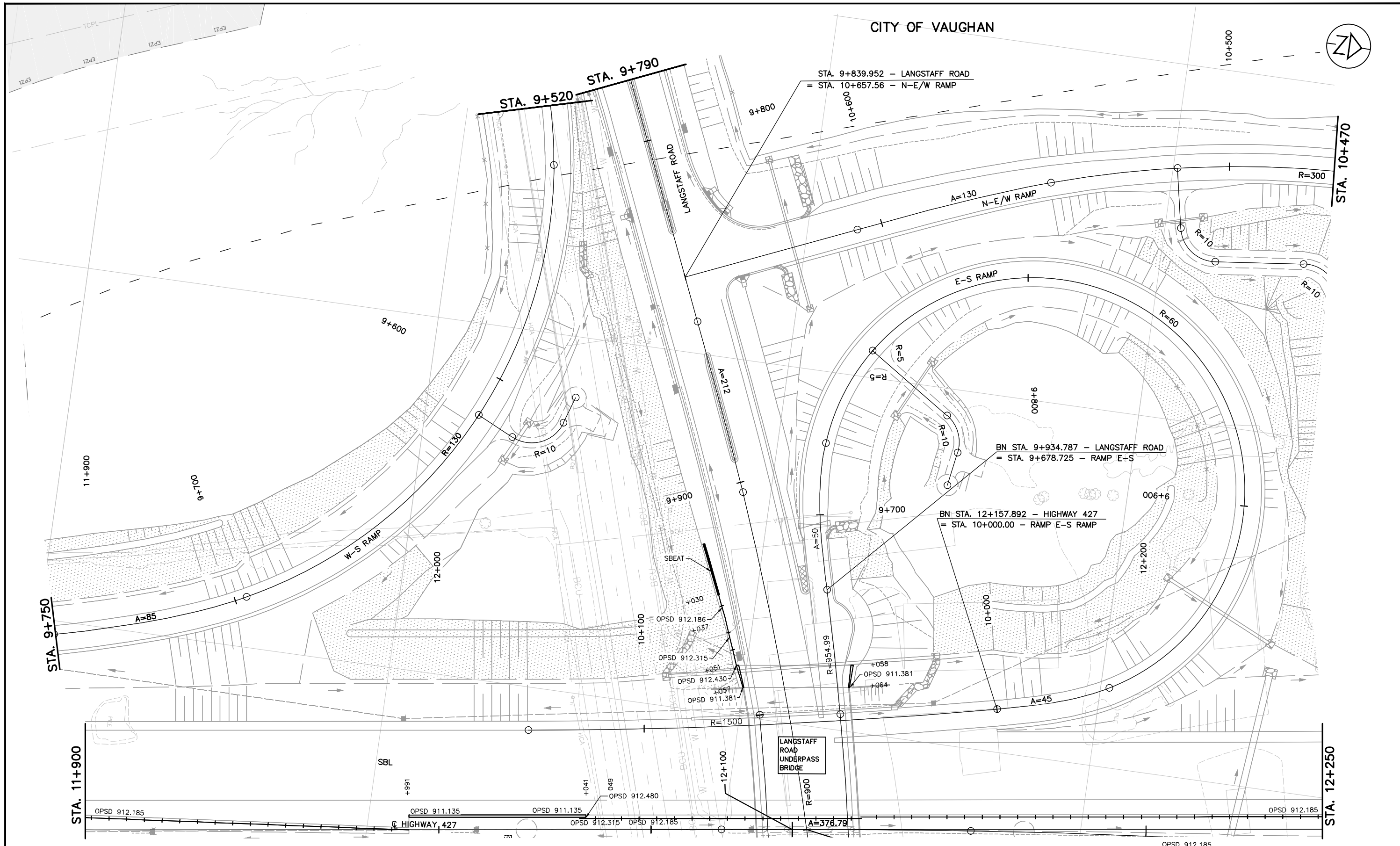


HWY 427 EXPANSION

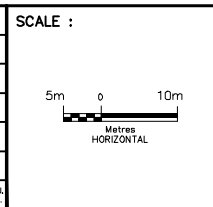
NEW CONSTRUCTION
GUIDERAIL & OVERHEAD SIGN STRUCTURES
STA. 11+550 TO STA. 11+900

A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS	BY	CHK	LEAD.	PROJ. MAN.

PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0033	A



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRQA	MAN
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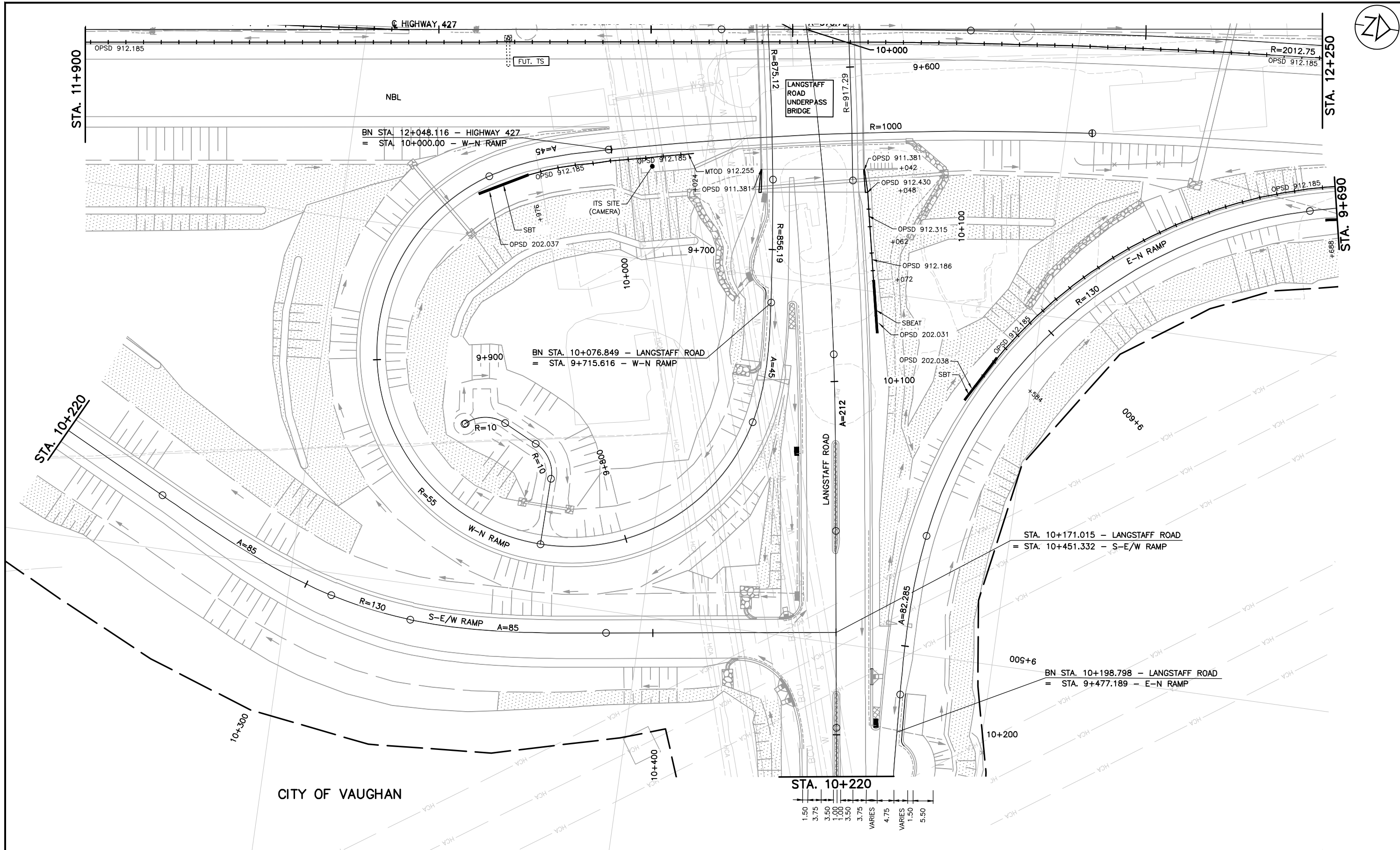
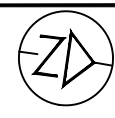


DESIGNED	IMRAN AHMAD
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

NAME (PRINT)	INT.	DATE

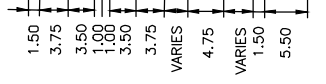


HWY 427 EXPANSION							
NEW CONSTRUCTION GUIDERAIL & OVERHEAD SIGN STRUCTURES STA. 11+900 TO STA. 12+250							
PROJECT D.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
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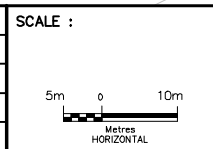


CITY OF VAUGHAN

STA. 10+220



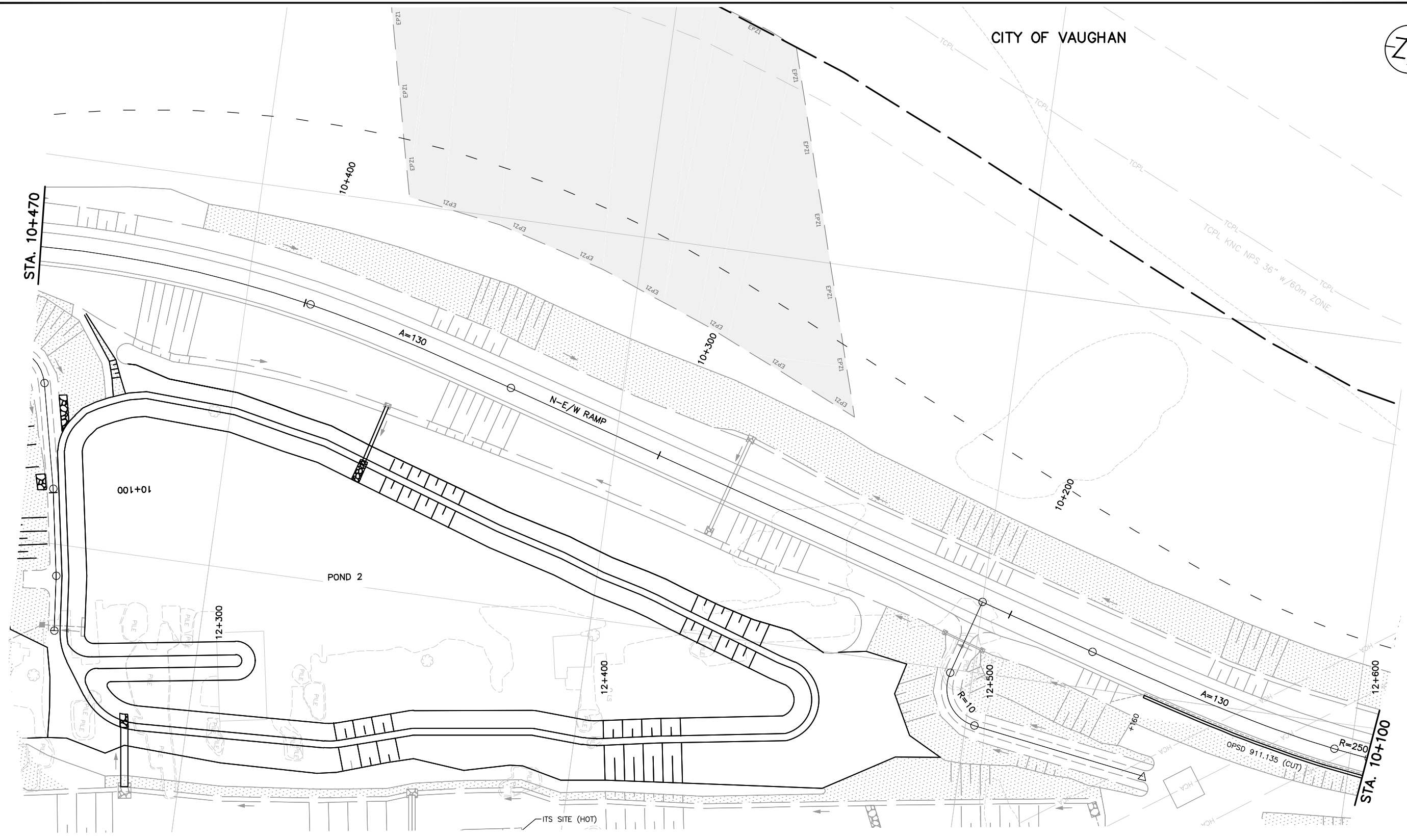
NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ	MAN
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.M.	P.B.	



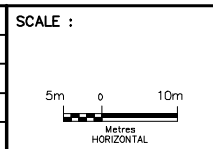
DESIGNED	IMRAN AHMAD		
DRAWN	MICHAEL ETINGEN		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
CONSULTANT		NAME (PRINT)	INIT. DATE



HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 11+900 TO STA. 12+250							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0035	A



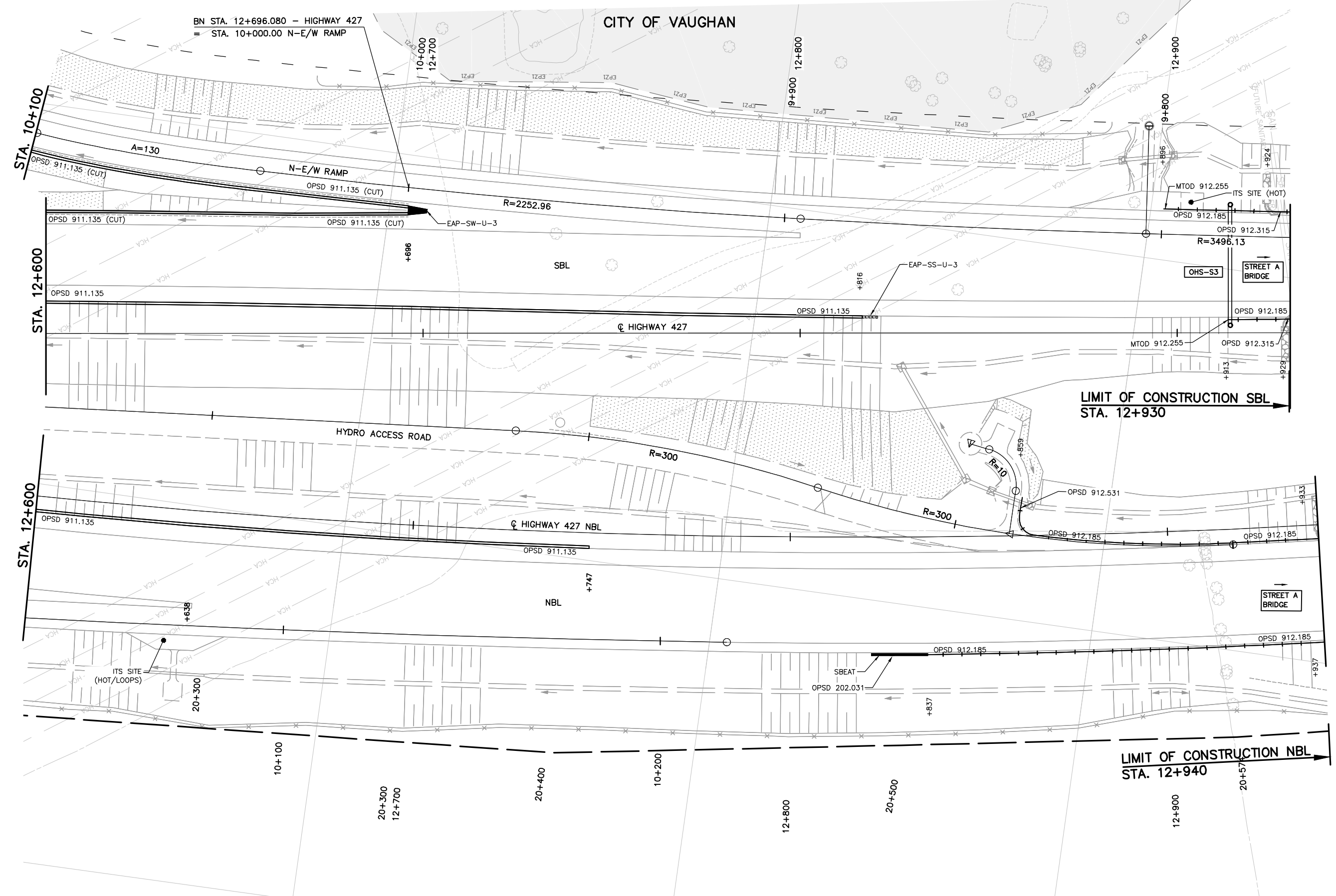
NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	DATE
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.M.	P.B.	



DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETINGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PRCL. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 10+470 TO STA. 10+100							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0036	A



BN STA. 12+696.080 - HIGHWAY 427
 = STA. 10+000.00 N-E/W RAMP

CITY OF VAUGHAN

STA. 10+100

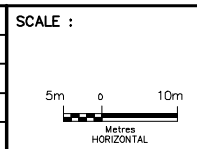
STA. 12+600

STA. 12+600

LIMIT OF CONSTRUCTION SBL
 STA. 12+930

LIMIT OF CONSTRUCTION NBL
 STA. 12+940

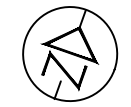
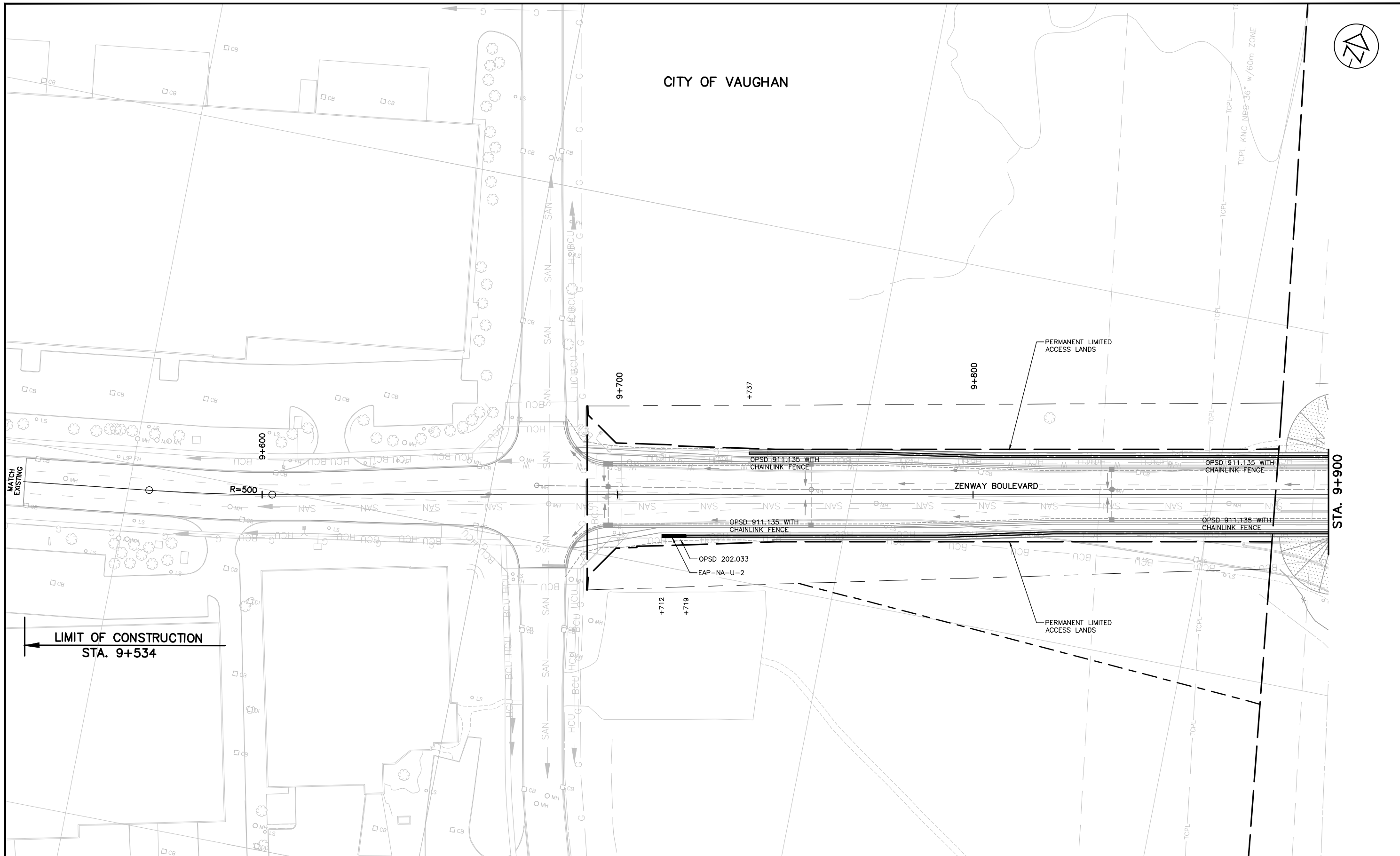
NO.	DATE	REVISIONS
A	19/01/25	90% SUBMISSION TO CA



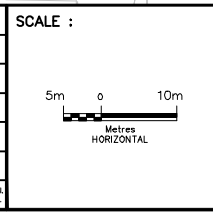
DESIGNED	IMRAN AHMAD
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH
NAME (PRINT)	INIT. DATE



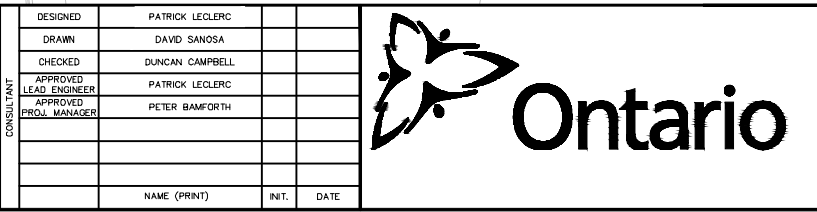
HWY 427 EXPANSION NEW CONSTRUCTION GUIDERAIL & OVERHEAD SIGN STRUCTURES STA. 12+600 TO STA. 12+930 SBL STA. 12+600 TO STA. 12+940 NBL							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0038	A



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRG	MAN
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.M.	P.B.	



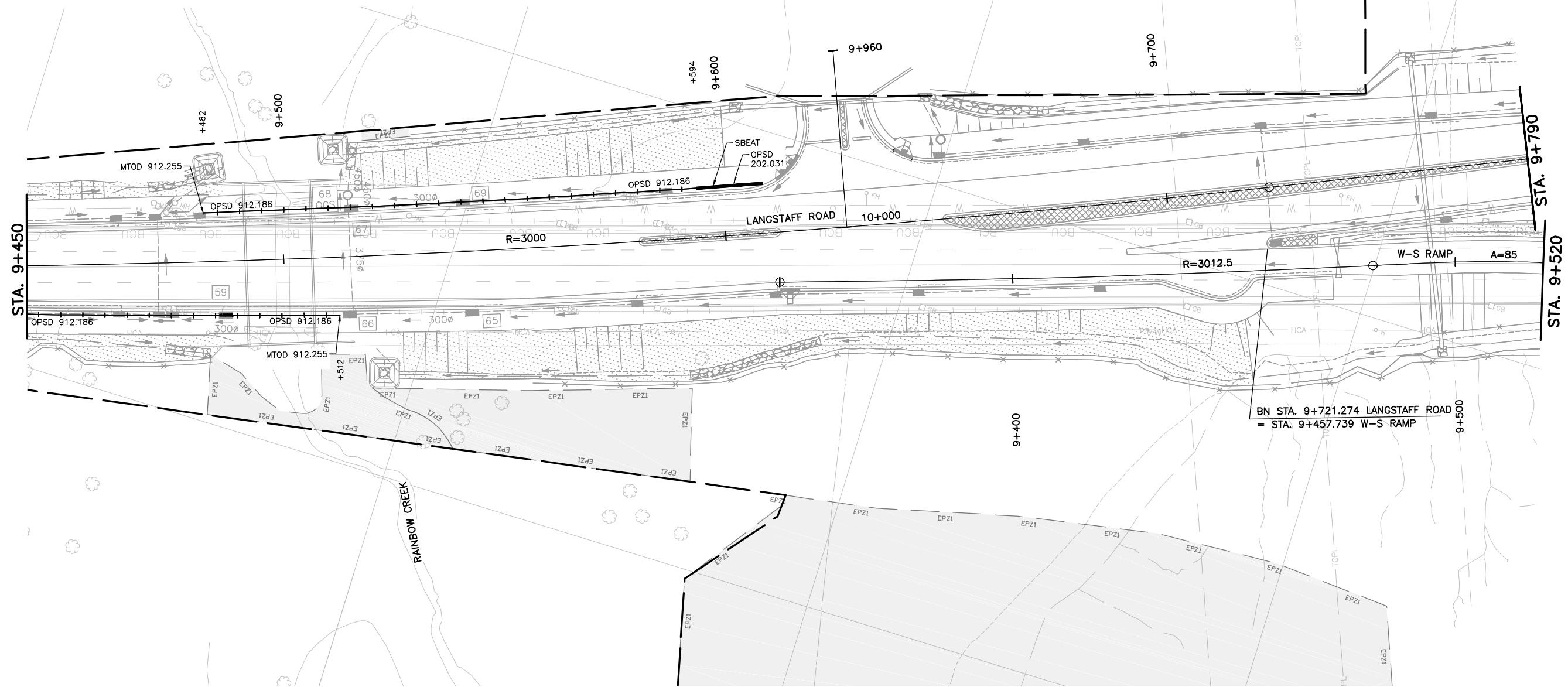
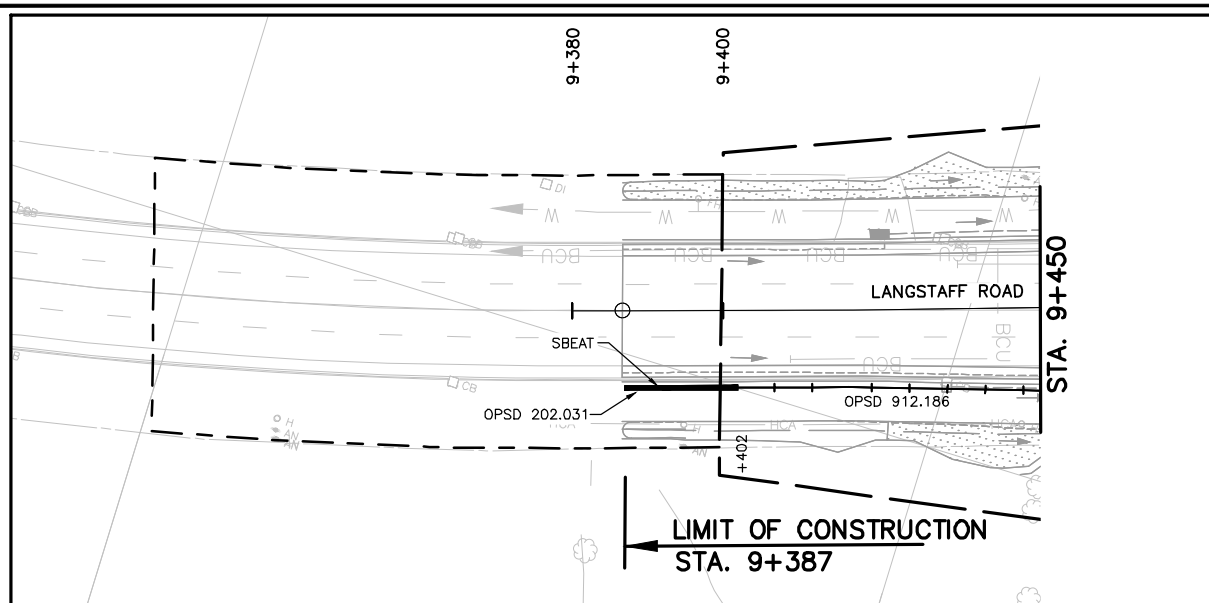
DESIGNED	PATRICK LEGLERC
DRAWN	DAVID SANOSA
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	PATRICK LEGLERC
APPROVED PROJ. MANAGER	PETER BAMFORTH
CONSULTANT	
NAME (PRINT)	INT. DATE



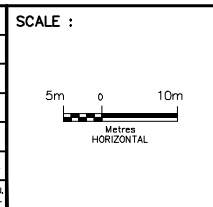
**HWY 427 EXPANSION
NEW CONSTRUCTION
GUIDERAIL & OVERHEAD SIGN STRUCTURES
ZENWAY BOULEVARD
STA. 9+534 TO STA. 9+900**

PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0039	A

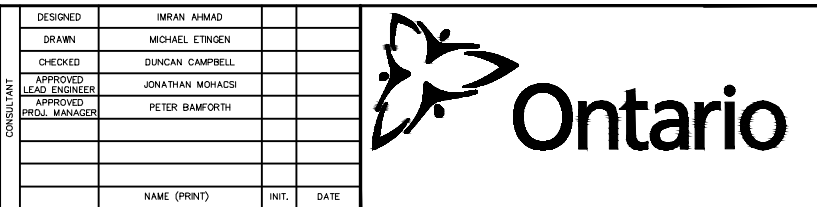
CITY OF VAUGHAN



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.M.	P.B.

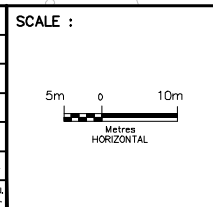
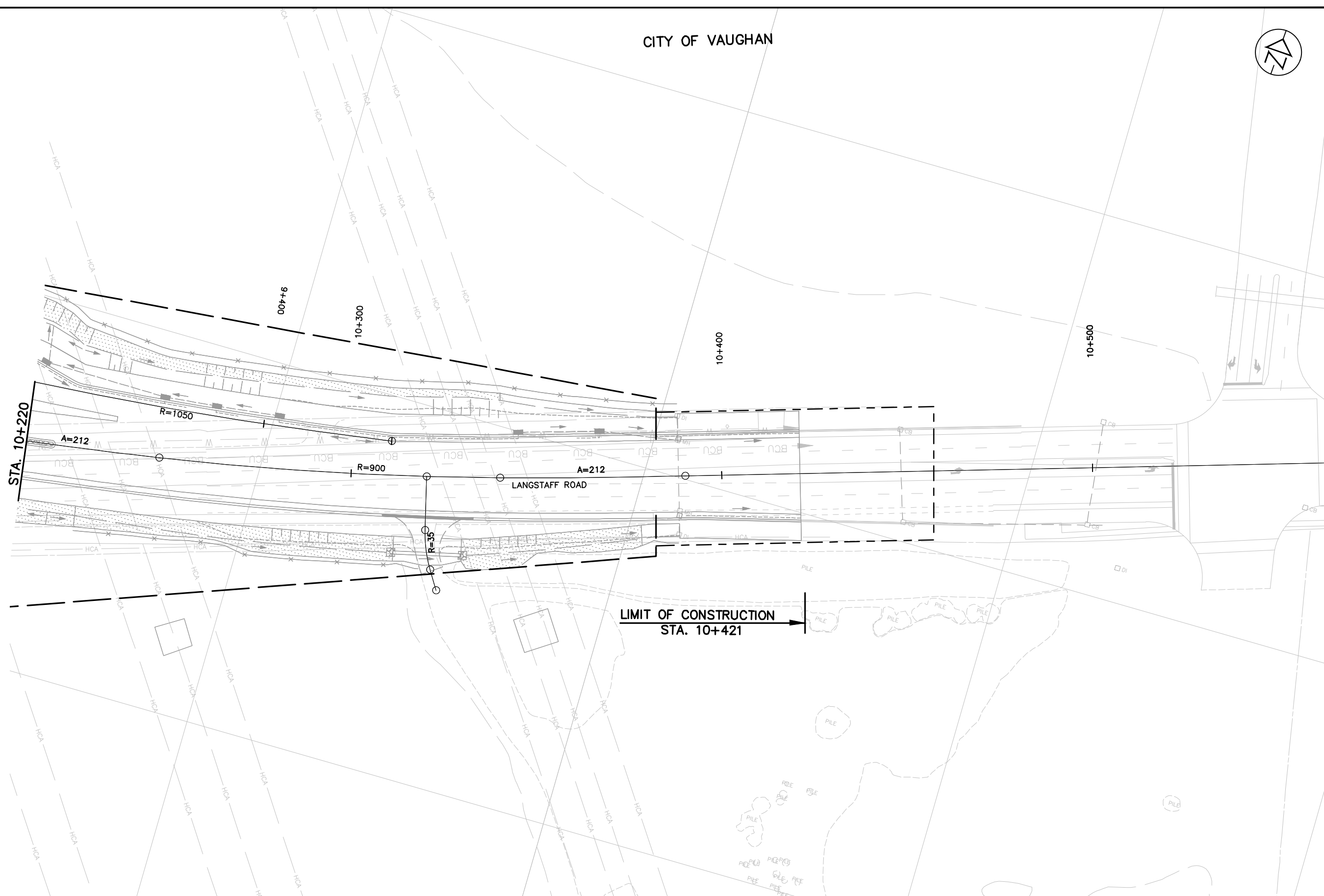


DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETINGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0041	A

**HWY 427 EXPANSION
NEW CONSTRUCTION
GUIDERAIL & OVERHEAD SIGN STRUCTURES
LANGSTAFF ROAD
STA. 9+387 TO STA. 9+790**

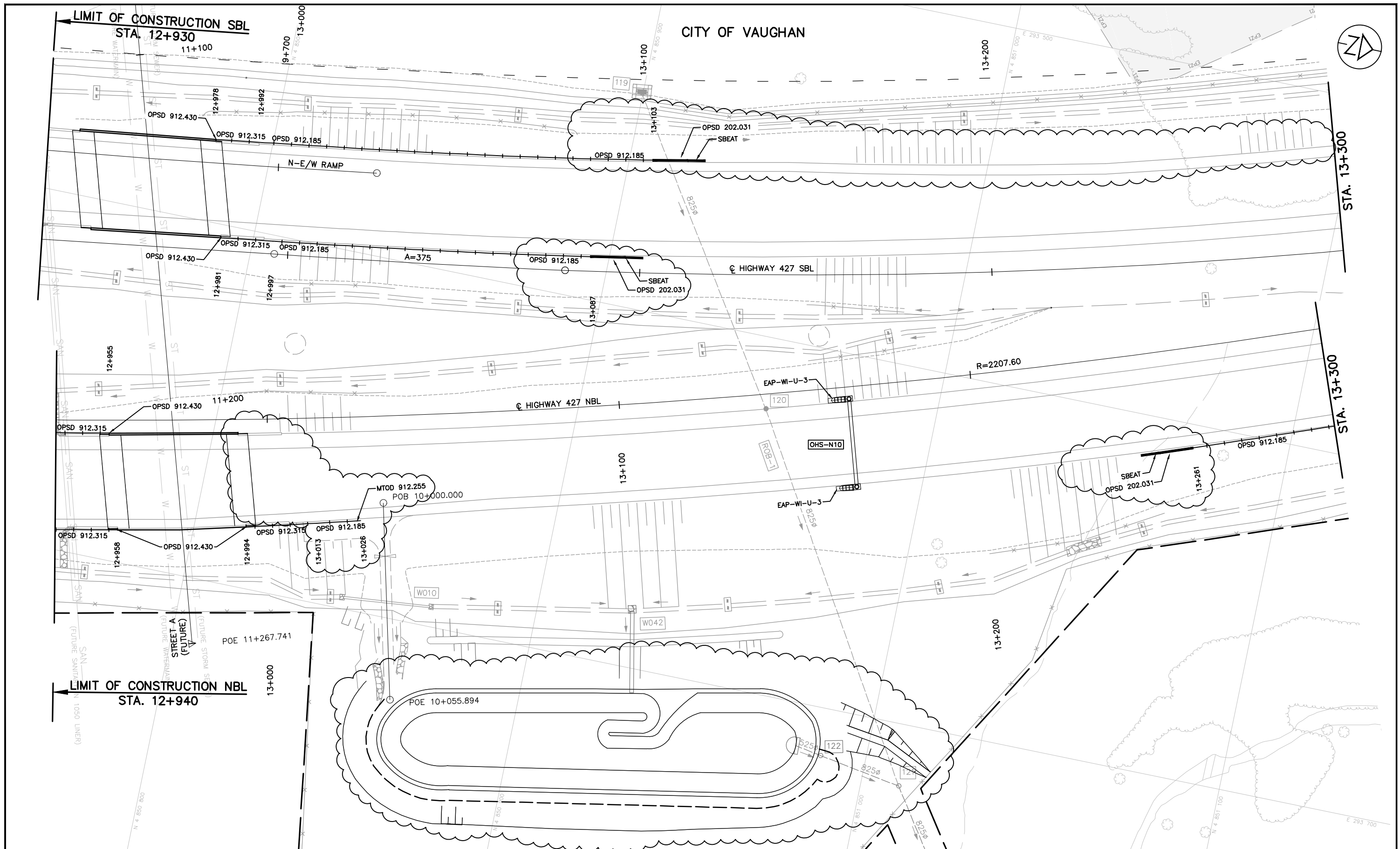


DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETINGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE

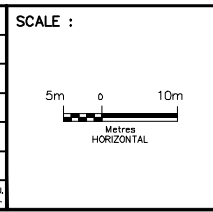
CONSULTANT		
DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETINGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



<p align="center">HWY 427 EXPANSION NEW CONSTRUCTION GUIDERAIL & OVERHEAD SIGN STRUCTURES LANGSTAFF ROAD STA. 10+220 TO STA. 10+421</p>							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0042	A



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.
B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.B.

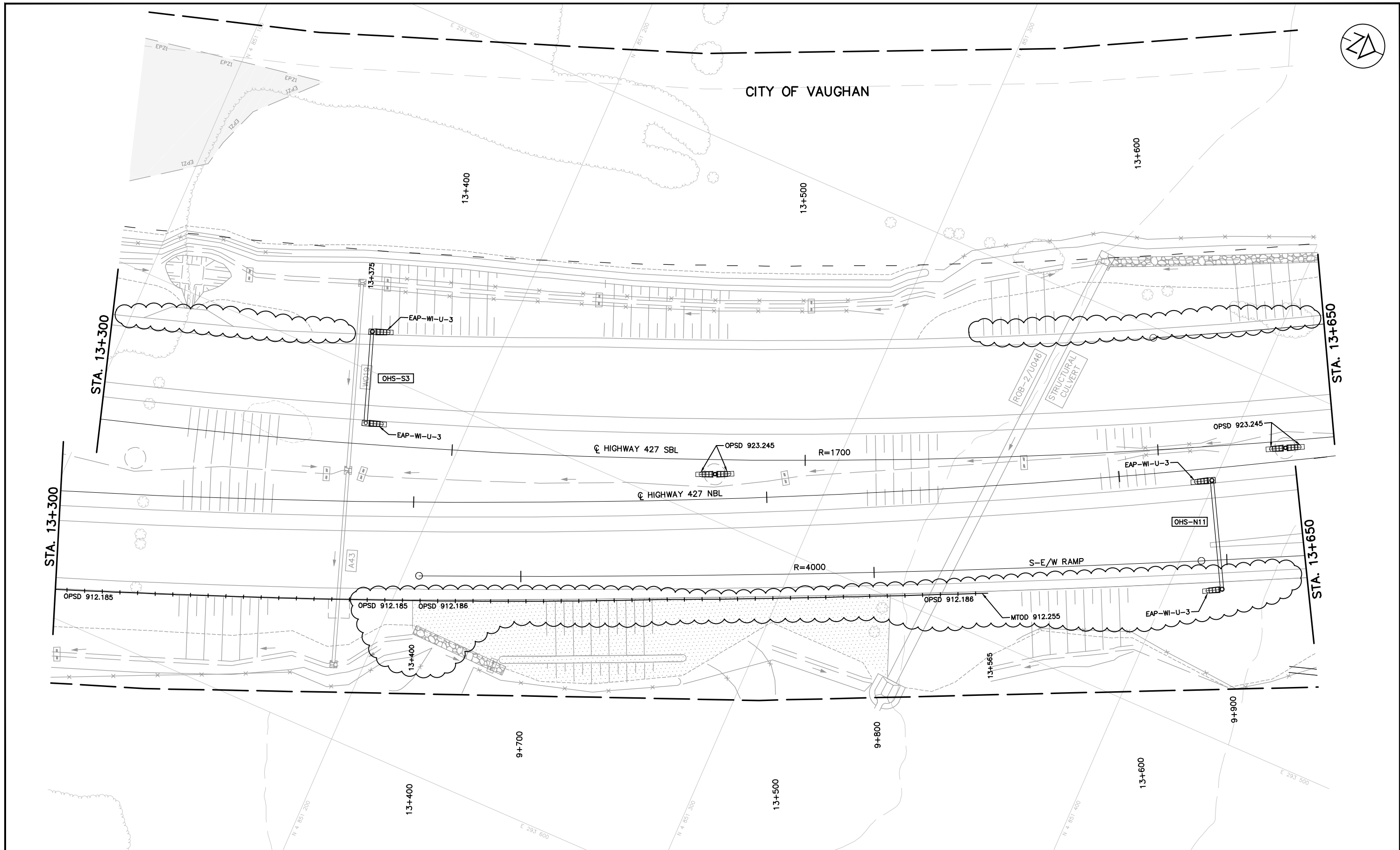


DESIGNED	EDDY LEUNG	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
CONSULTANT		
NAME (PRINT)	INIT.	DATE

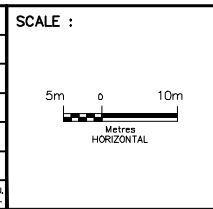
DESIGNED	EDDY LEUNG	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
CONSULTANT		
NAME (PRINT)	INIT.	DATE



TITLE HWY 427 EXPANSION NEW CONSTRUCTION GUIDERAIL & OVERHEAD SIGN STRUCTURES STA. 12+930 TO STA. 13+300 SBL STA. 12+940 TO STA. 13+300 NBL							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0030	B



B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.

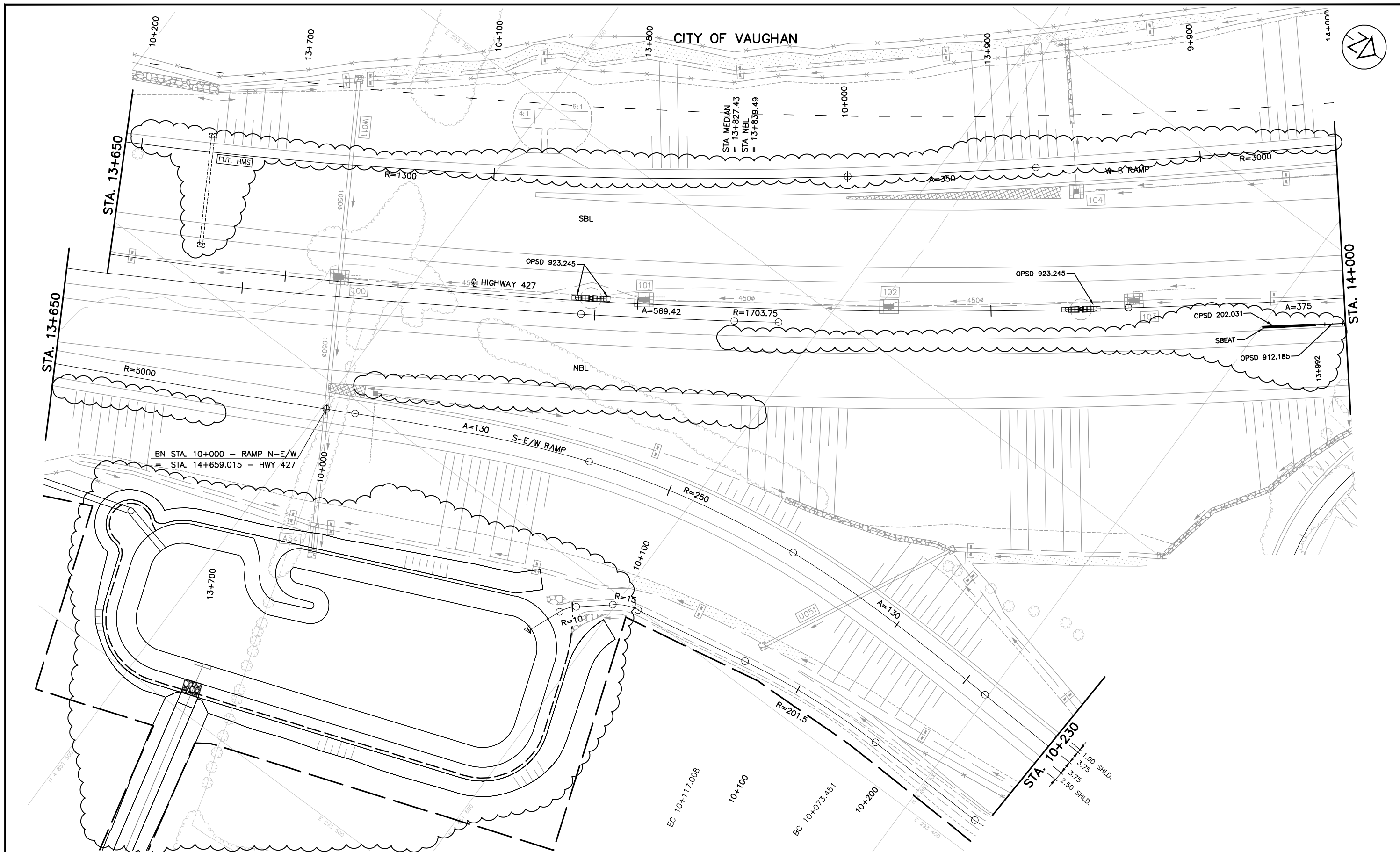


DESIGNED	EDDY LEUNG
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

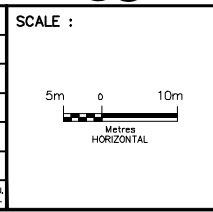
CONSULTANT			
	NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 13+300 TO STA. 13+650							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0031	B



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.	MAN.
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.B.	

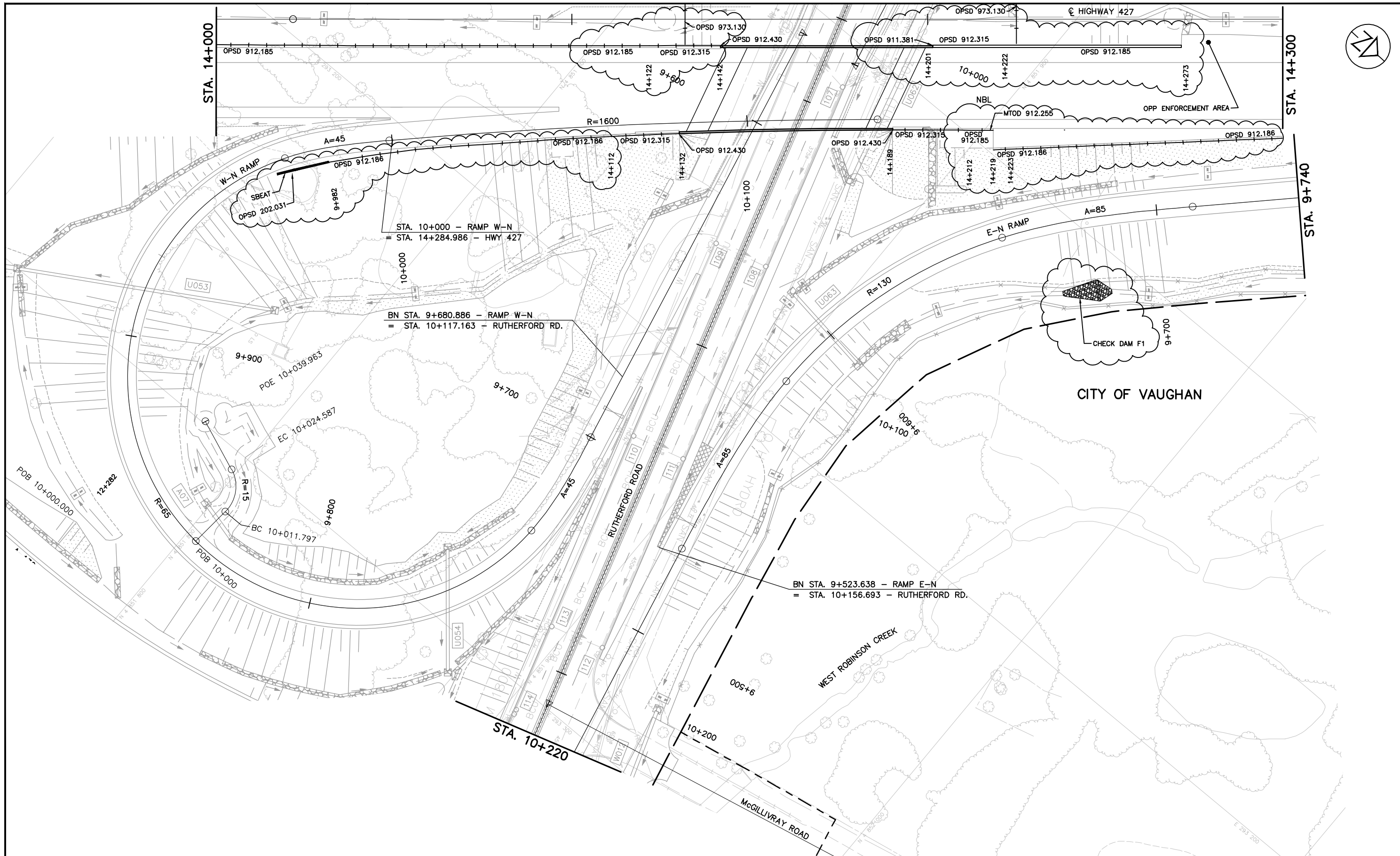


DESIGNED	EDDY LEUNG
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

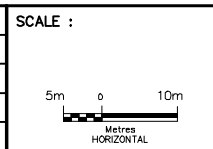
CONSULTANT	NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 13+650 TO STA. 14+000							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0032	B



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	MAN
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.B.	

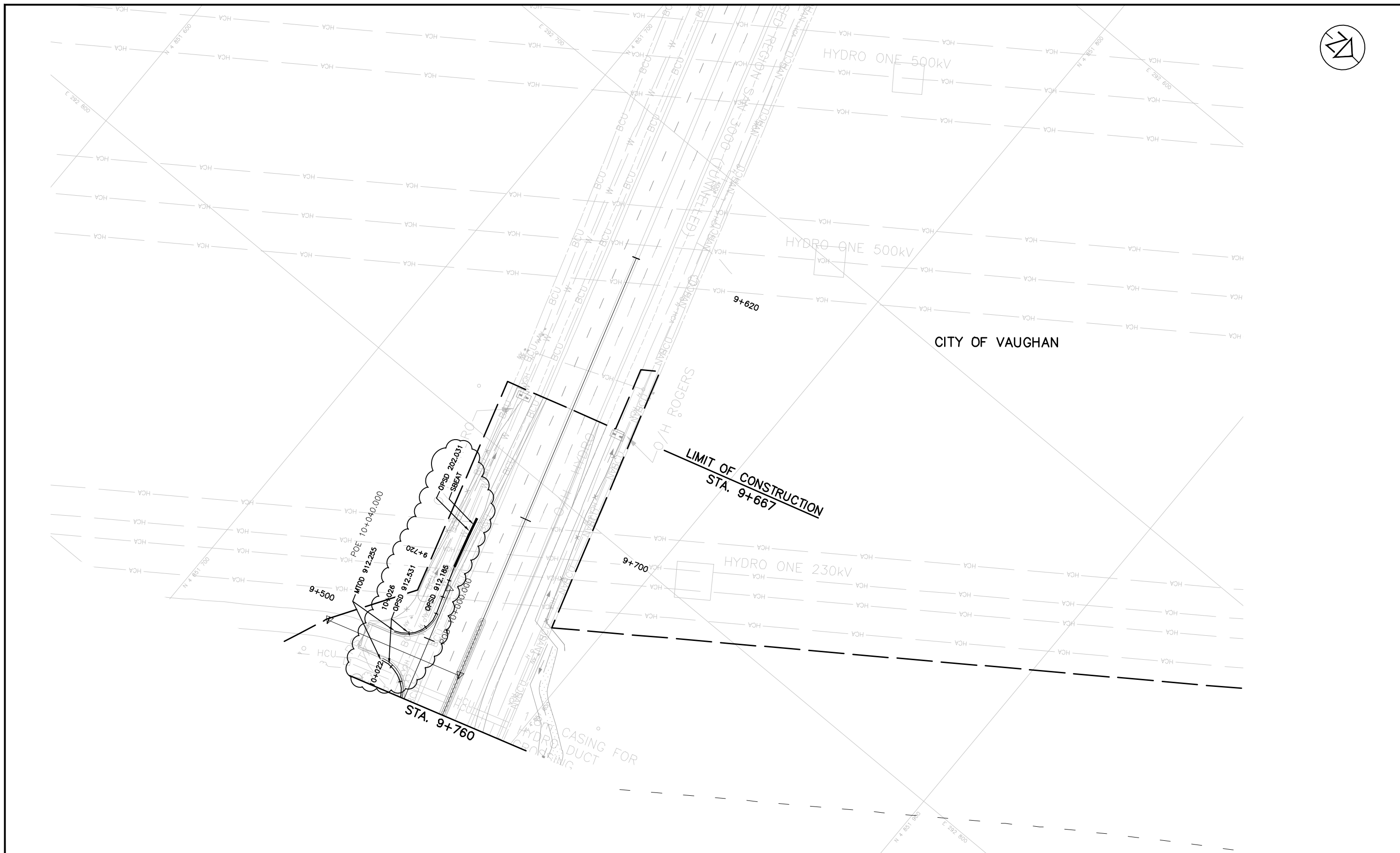


DESIGNED	EDDY LEUNG
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

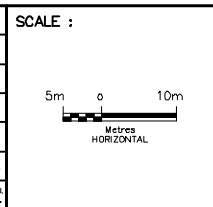
CONSULTANT	NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 14+000 TO STA. 14+300							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0034	B



NO.	DATE	BY	CHK	LEAD DISC.	PRJ. MAN.	REVISIONS
B	19/01/25					50% SUBMISSION TO CA
A	18/04/25					50% SUBMISSION TO CA

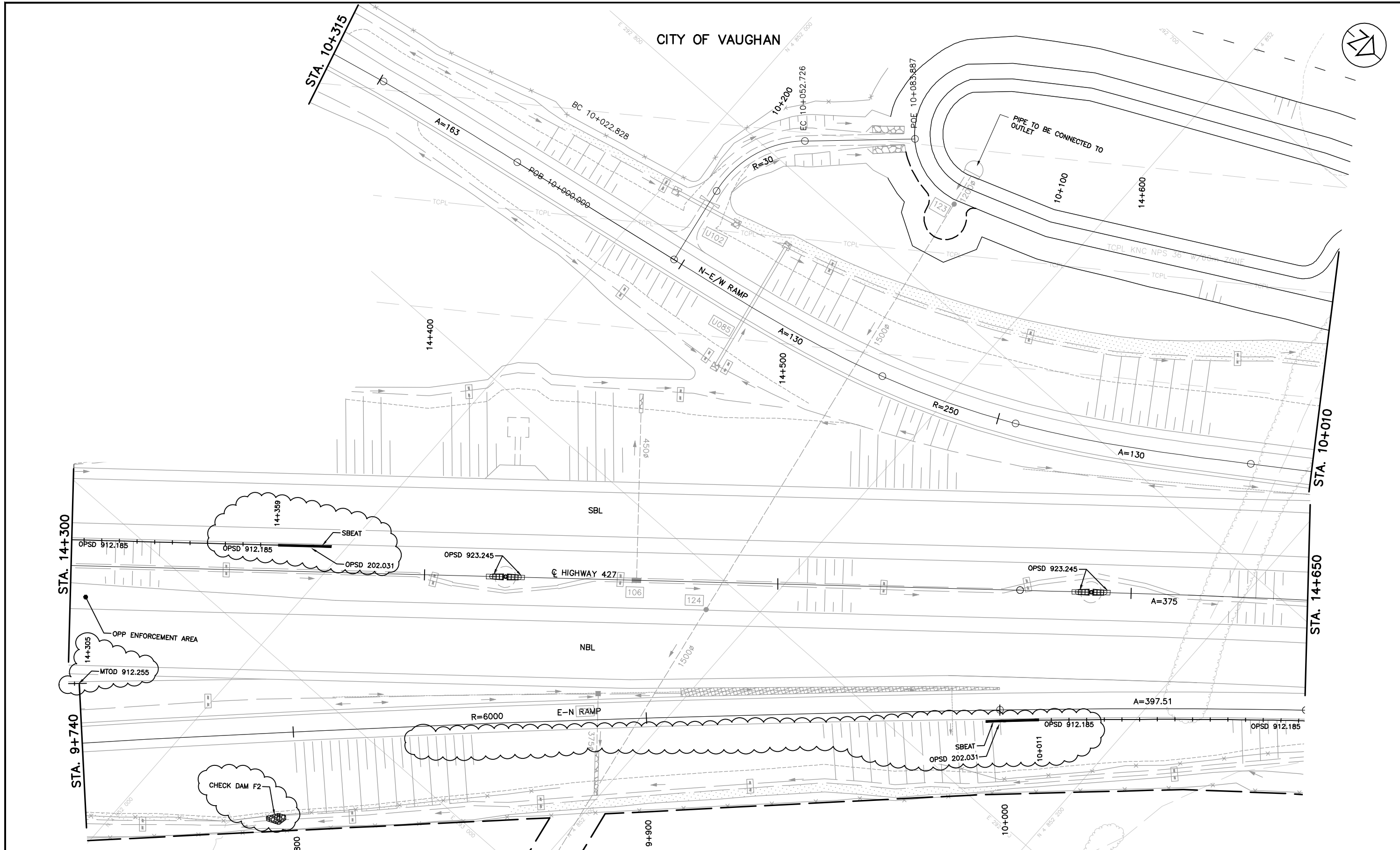


DESIGNED	EDDY LEUNG
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

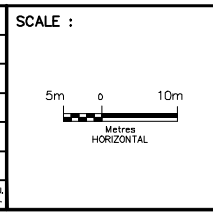
NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 9+629 TO STA. 9+760							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0035	B



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.	MAN.
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.B.	

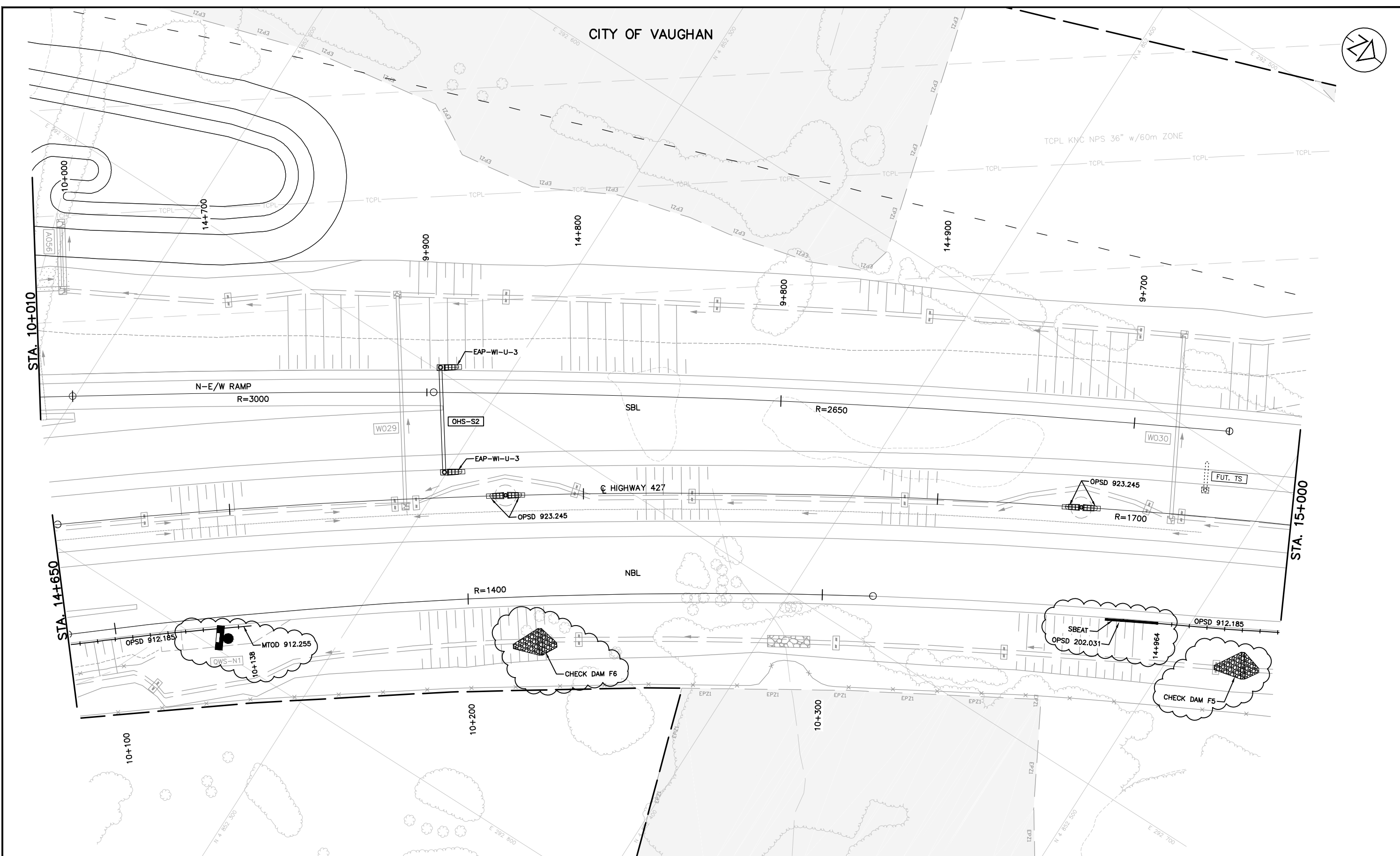


DESIGNED	EDDY LEUNG	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE

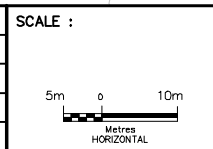
CONSULTANT		
DESIGNED	EDDY LEUNG	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 14+300 TO STA. 14+650							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0037	B



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.	MAN.
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.B.	

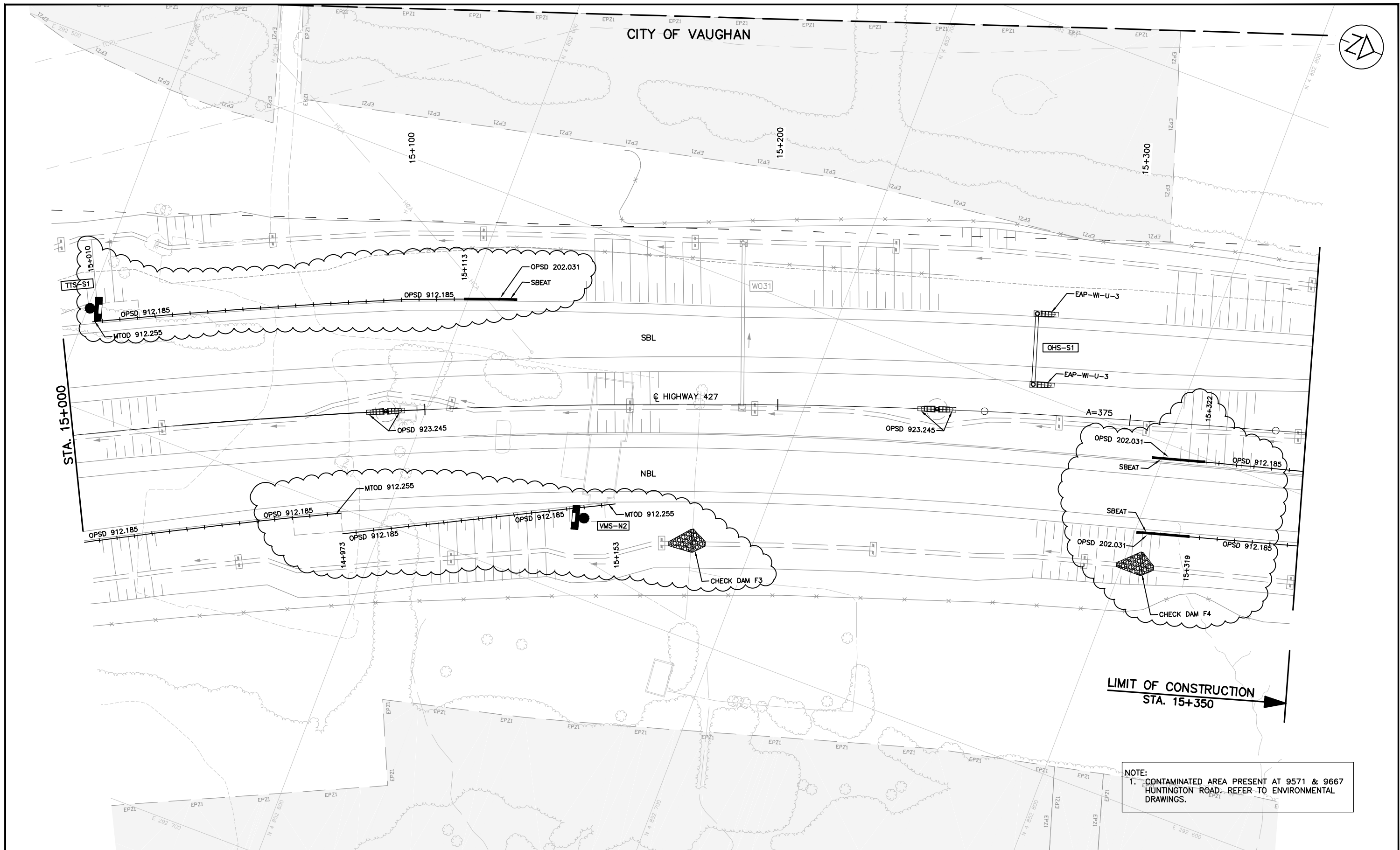


DESIGNED	EDDY LEUNG	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE

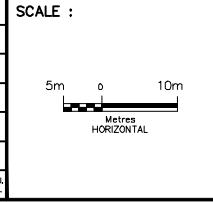
CONSULTANT		
DESIGNED	EDDY LEUNG	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 14+650 TO STA. 15+000							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0038	B



NO.	DATE	BY	CHK	LEAD	PROJ.
B	19/01/25				
A	18/04/25				



DESIGNED	EDDY LEUNG
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

CONSULTANT	NAME (PRINT)	INIT.	DATE
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TITLE HWY 427 EXPANSION NEW CONSTRUCTION GUIDERAIL & OVERHEAD SIGN STRUCTURES STA. 15+000 TO STA. 15+350						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	F	7	HWY	000	DWG	0039 B

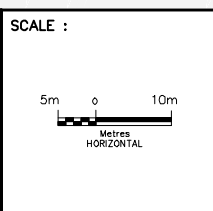
NOTE:
1. CONTAMINATED AREA PRESENT AT 9571 & 9667 HUNTINGTON ROAD. REFER TO ENVIRONMENTAL DRAWINGS.

CITY OF VAUGHAN



← LIMIT OF CONSTRUCTION
STA. 15+350

A	19/01/25	90% SUBMISSION TO CA			A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS			BY	CHK	LEAD DISC	PROJ. MAN.

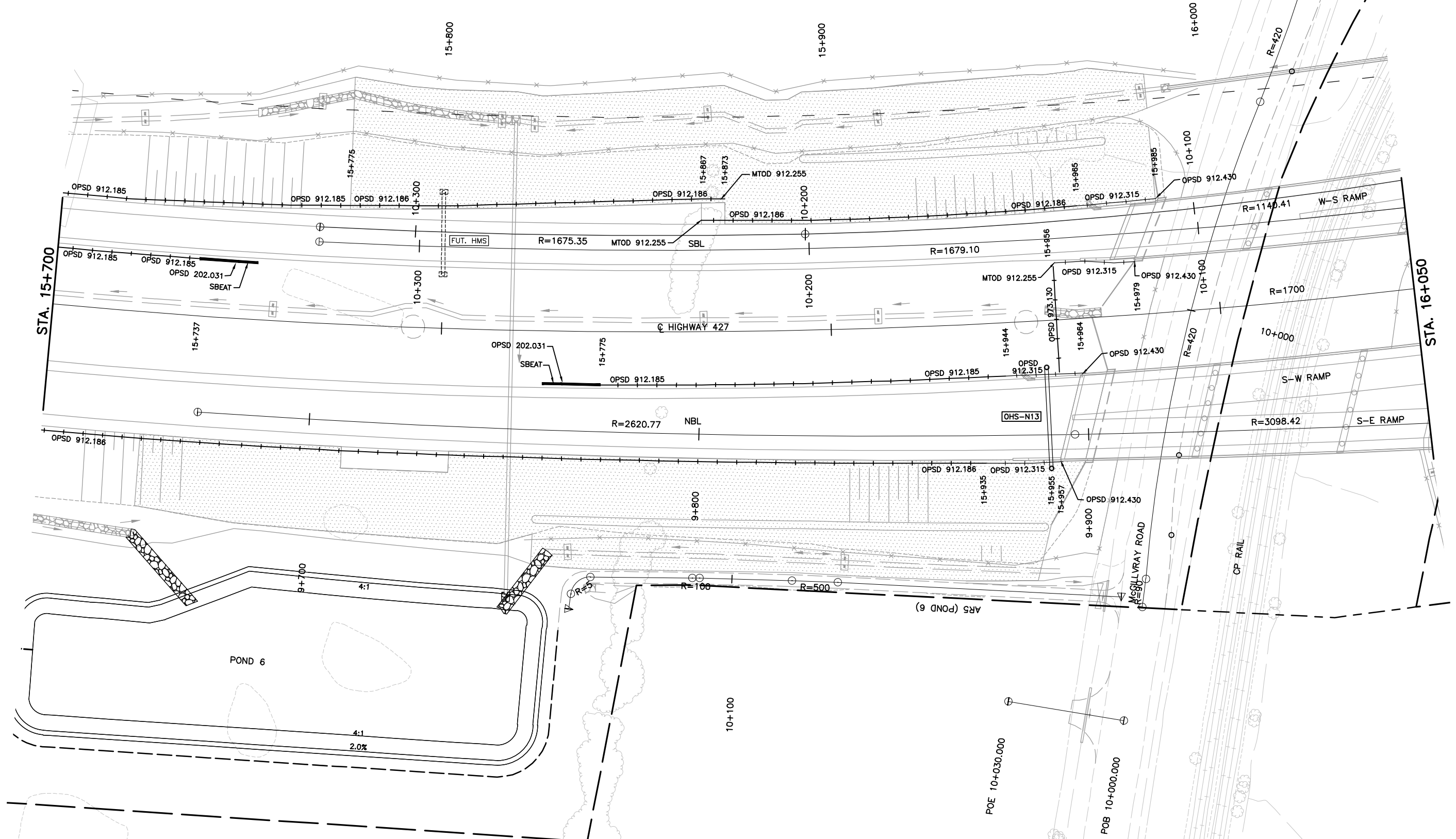


CONSULTANT	DESIGNED	Sharm Talagata		
	DRAWN	Arash Khaleghi		
	CHECKED	Duncan Campbell		
	APPROVED LEAD ENGINEER	Jonathan Mohacsi		
	APPROVED PROJ. MANAGER	Peter Bamforth		
	NAME (PRINT)		INT.	DATE

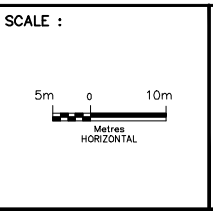


TITLE									
HWY 427 EXPANSION									
NEW CONSTRUCTION									
GUIDERAIL & OVERHEAD SIGN STRUCTURES									
STA. 15+350 TO STA. 15+700									
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER		
H427-D	N	8	HWY	000	DWG	0012	A		

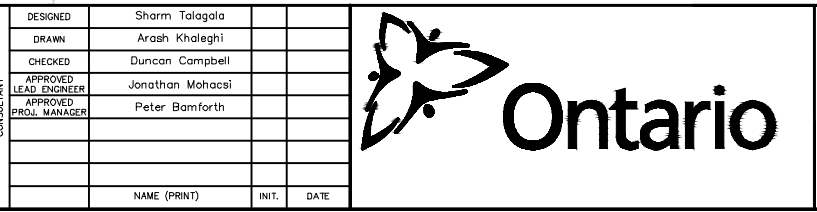
CITY OF VAUGHAN



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.
A	19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.



DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
CONSULTANT		
NAME (PRINT)	INIT.	DATE

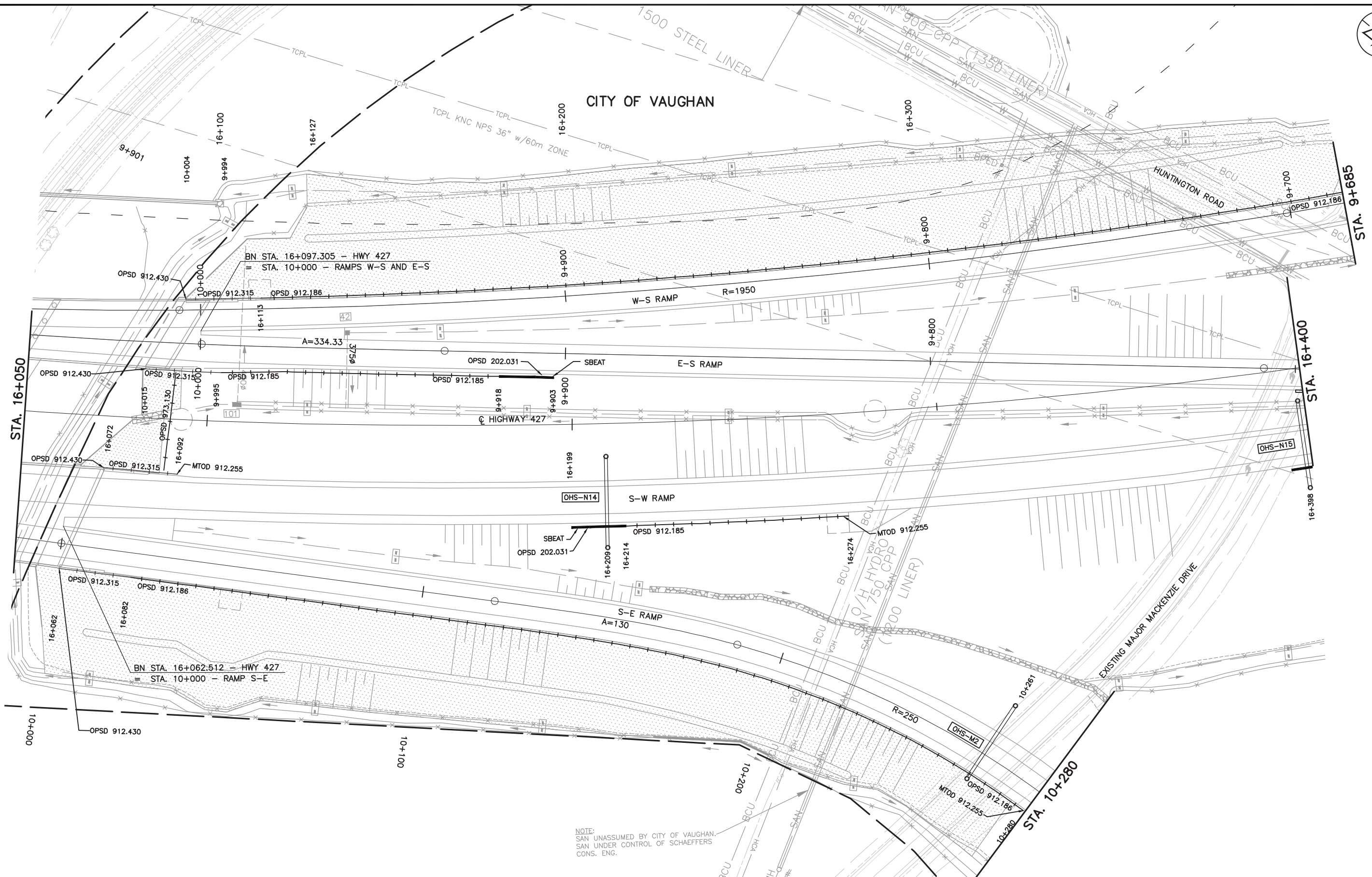


PROJECT ID.	H427-D
STAGE IDENTIFIER	N
DESIGN PACKAGE NUMBER	8
DISCIPLINE	HWY
STRUCTURE NUMBER	000
DOCUMENT TYPE	DWG
DRAWING NUMBER	0013
REVISION NUMBER	A

TITLE						
HWY 427 EXPANSION						
NEW CONSTRUCTION						
GUIDERAIL & OVERHEAD SIGN STRUCTURES						
STA. 15+700 TO STA. 16+050						

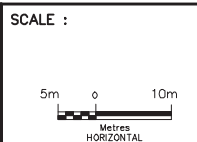


CITY OF VAUGHAN



NOTE:
SAN UNASSUMED BY CITY OF VAUGHAN.
SAN UNDER CONTROL OF SCHAEFFERS
CONS. ENG.

A 19/01/25		90% SUBMISSION TO CA		A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS		BY	CHK	LEAD DISC	PROJ. MAN.



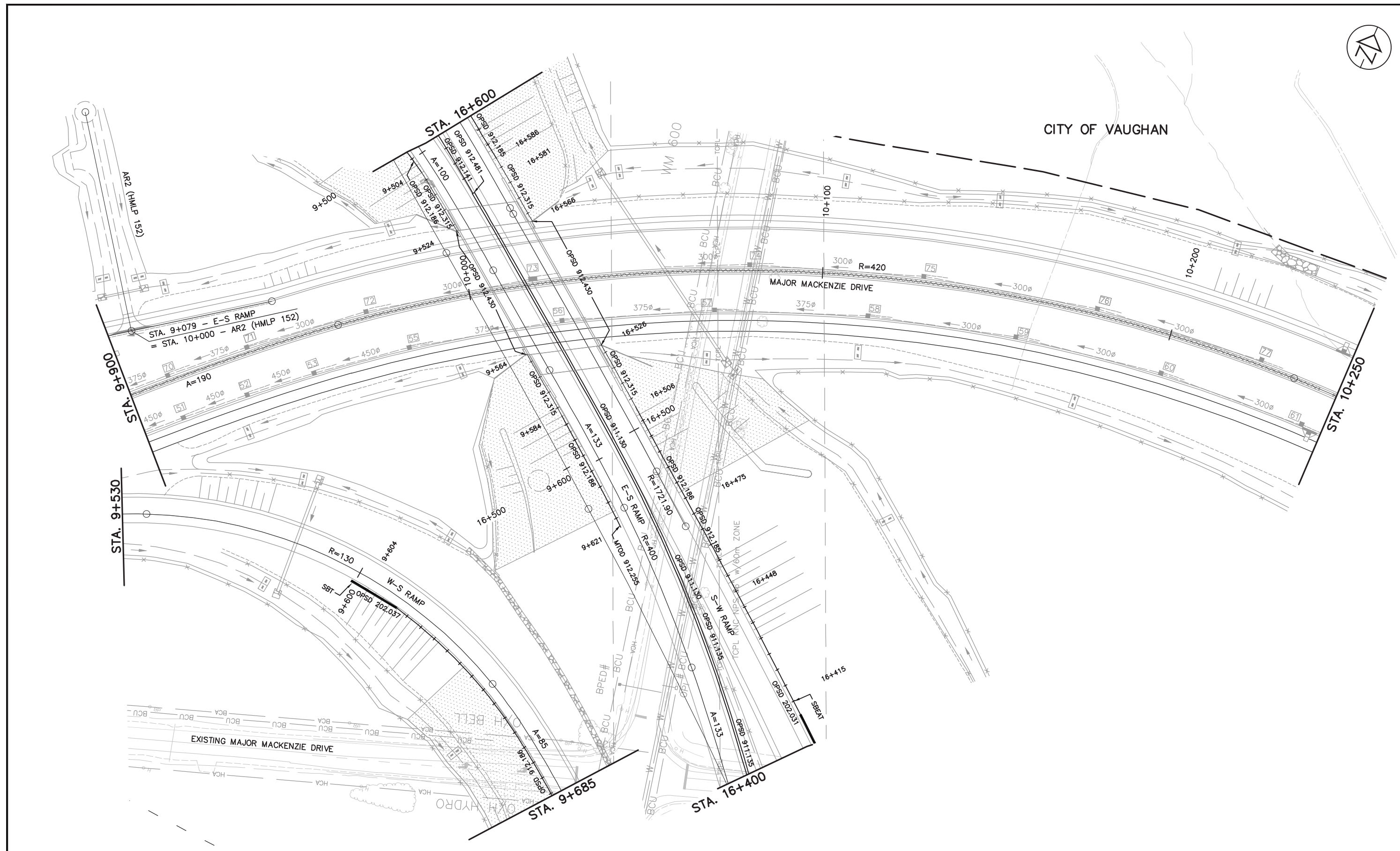
DESIGNED	Sharm Talagata		
DRAWN	Arash Khaleghi		
CHECKED	Duncan Campbell		
APPROVED LEAD ENGINEER	Jonathan Mohacsi		
APPROVED PROJ. MANAGER	Peter Bamforth		
CONSULTANT			
	NAME (PRINT)	INT.	DATE



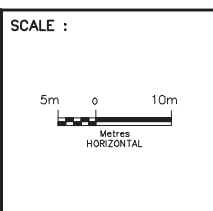
TITLE		HWY 427 EXPANSION					
		NEW CONSTRUCTION					
		GUIDERAIL & OVERHEAD SIGN STRUCTURES					
		STA. 16+050 TO STA. 16+400					
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0014	A



CITY OF VAUGHAN



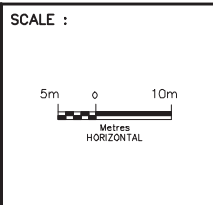
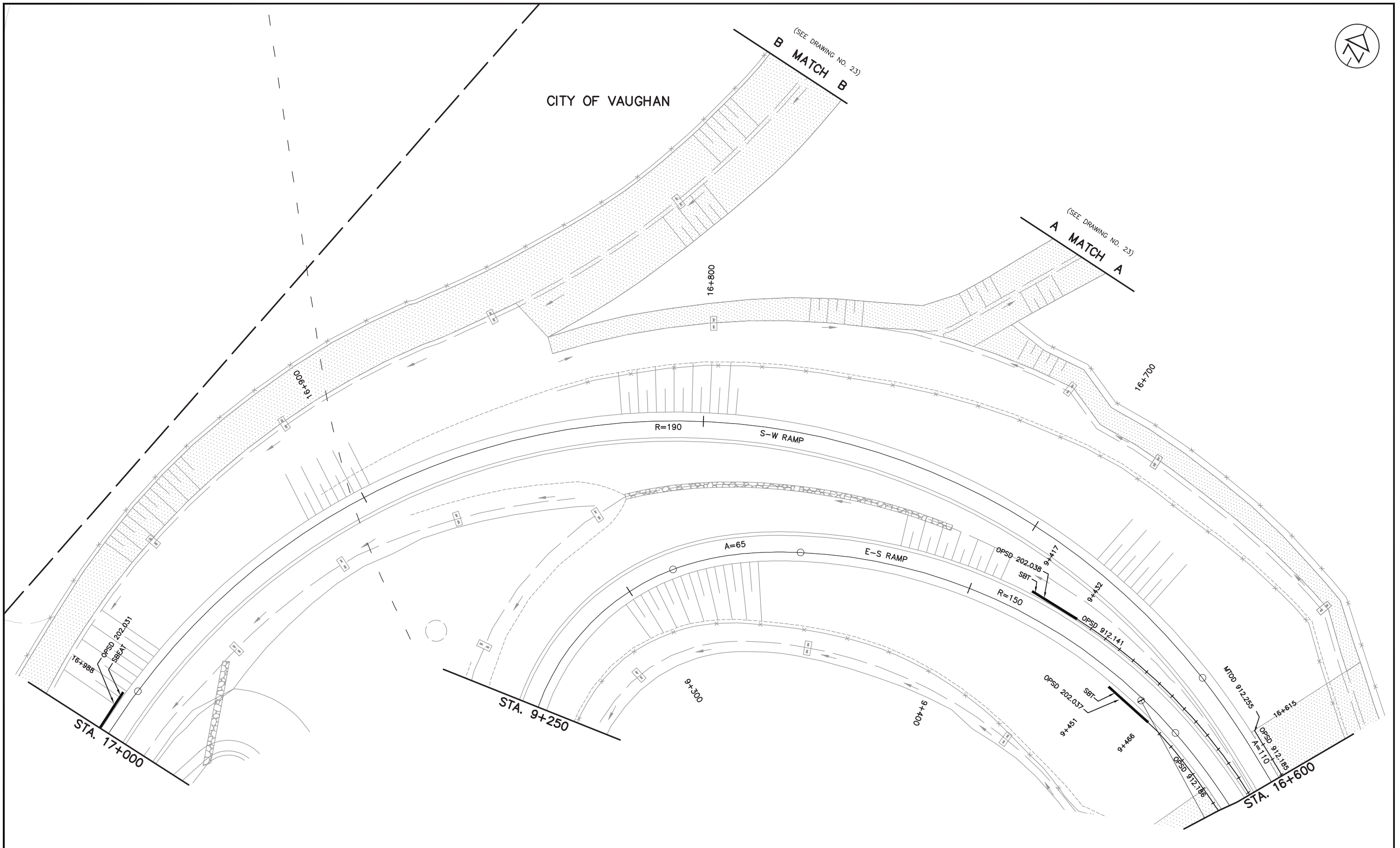
NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PRJ MAN.
A	19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.



DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
CONSULTANT		
NAME (PRINT)		INT. DATE



TITLE						
HWY 427 EXPANSION						
NEW CONSTRUCTION						
GUIDERAIL & OVERHEAD SIGN STRUCTURES						
STA. 9+900 TO STA. 10+250						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0015
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						A

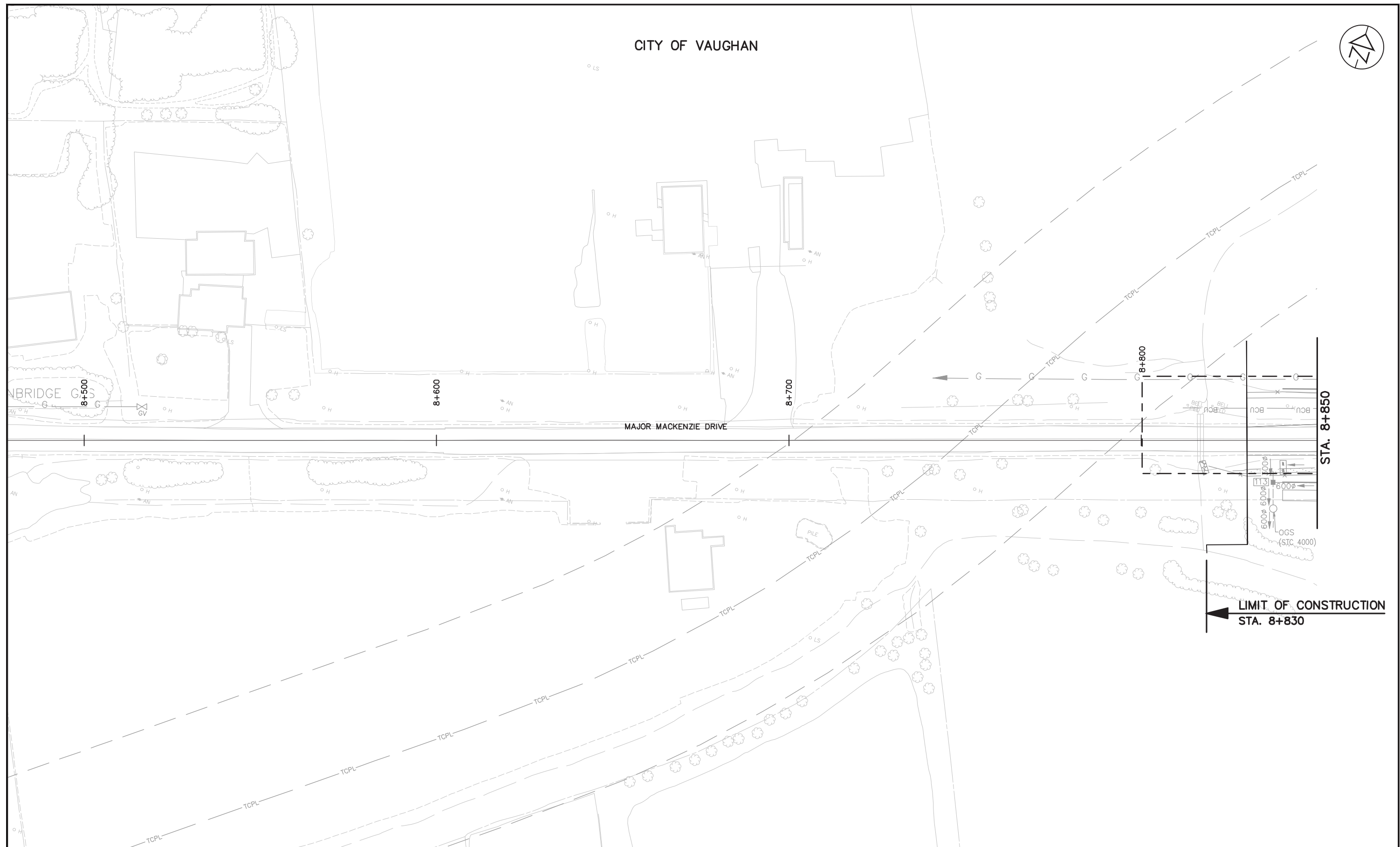


CONSULTANT	DESIGNED	Sharm Talagala		
	DRAWN	Arash Khaleghi		
	CHECKED	Duncan Campbell		
	APPROVED LEAD ENGINEER	Jonathan Mohacsi		
	APPROVED PROJ. MANAGER	Peter Bamforth		
	NAME (PRINT)		INT.	DATE

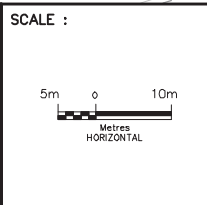


TITLE									
HWY 427 EXPANSION									
NEW CONSTRUCTION									
GUIDERAIL & OVERHEAD SIGN STRUCTURES									
STA. 16+600 TO STA. 17+000									
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER		
H427-D	N	8	HWY	000	DWG	0016	A		

CITY OF VAUGHAN



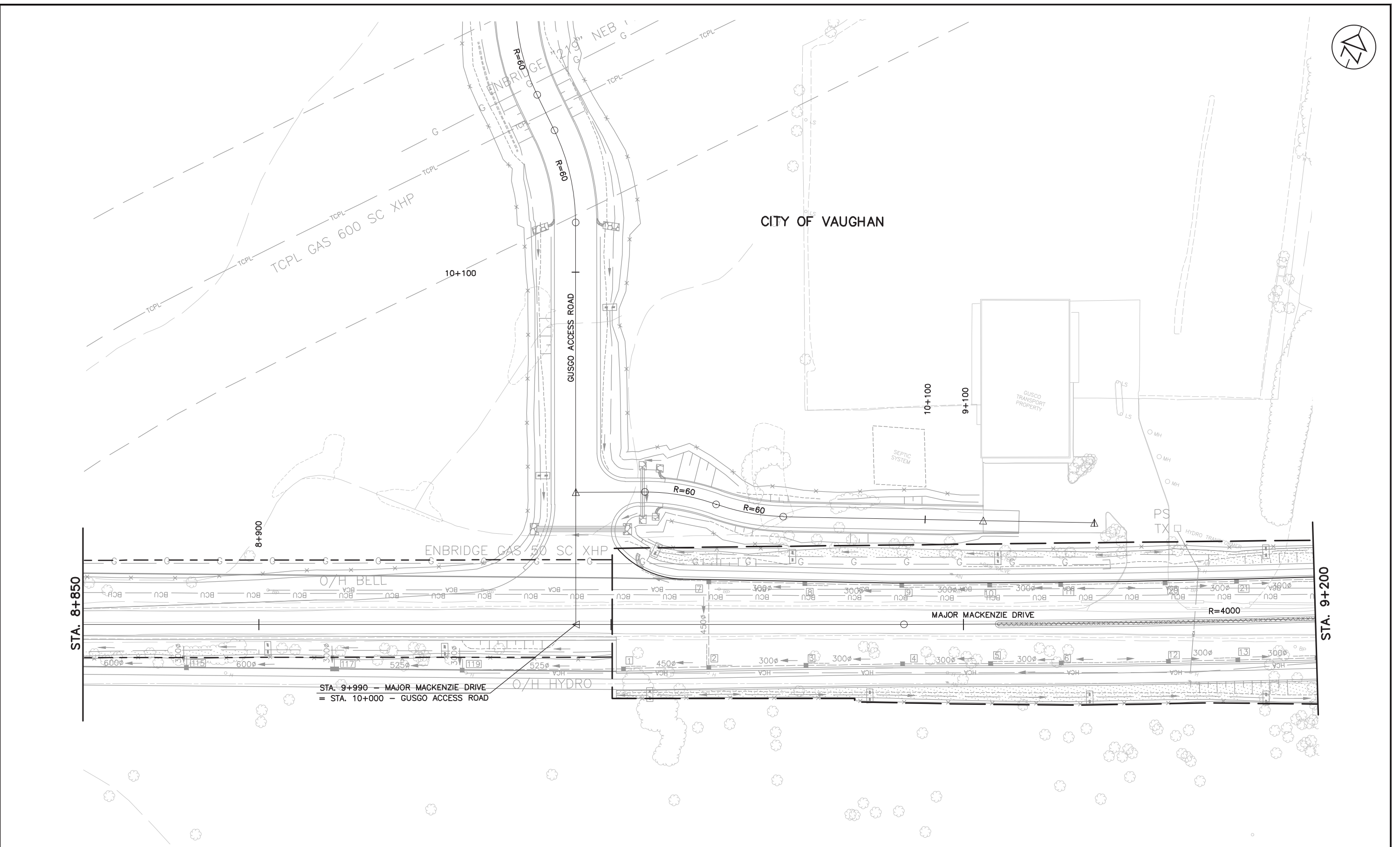
NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ MAN.	
A	19/01/25	90% SUBMISSION TO CA		A.K.	D.C.	J.M.	P.B.



DESIGNED	Sharm Talagata		
DRAWN	Arash Khaleghi		
CHECKED	Duncan Campbell		
APPROVED LEAD ENGINEER	Jonathan Mohacsi		
APPROVED PROJ. MANAGER	Peter Bamforth		
CONSULTANT			
NAME (PRINT)		INT.	DATE



TITLE						
HWY 427 EXPANSION						
NEW CONSTRUCTION						
GUIDERAIL & OVERHEAD SIGN STRUCTURES						
STA. 8+830 TO STA. 8+850						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0017
						A

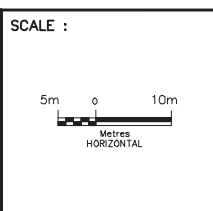


STA. 8+850

STA. 9+200

STA. 9+990 - MAJOR MACKENZIE DRIVE
= STA. 10+000 - GUSGO ACCESS ROAD

A 19/01/25		90% SUBMISSION TO CA		A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS		BY	CHK	LEAD DISC	PROJ MAN.



DESIGNED	Sharm Talagata		
DRAWN	Arash Khaleghi		
CHECKED	Duncan Campbell		
APPROVED LEAD ENGINEER	Jonathan Mohacsi		
APPROVED PROJ. MANAGER	Peter Bamforth		
CONSULTANT			
	NAME (PRINT)	INT.	DATE



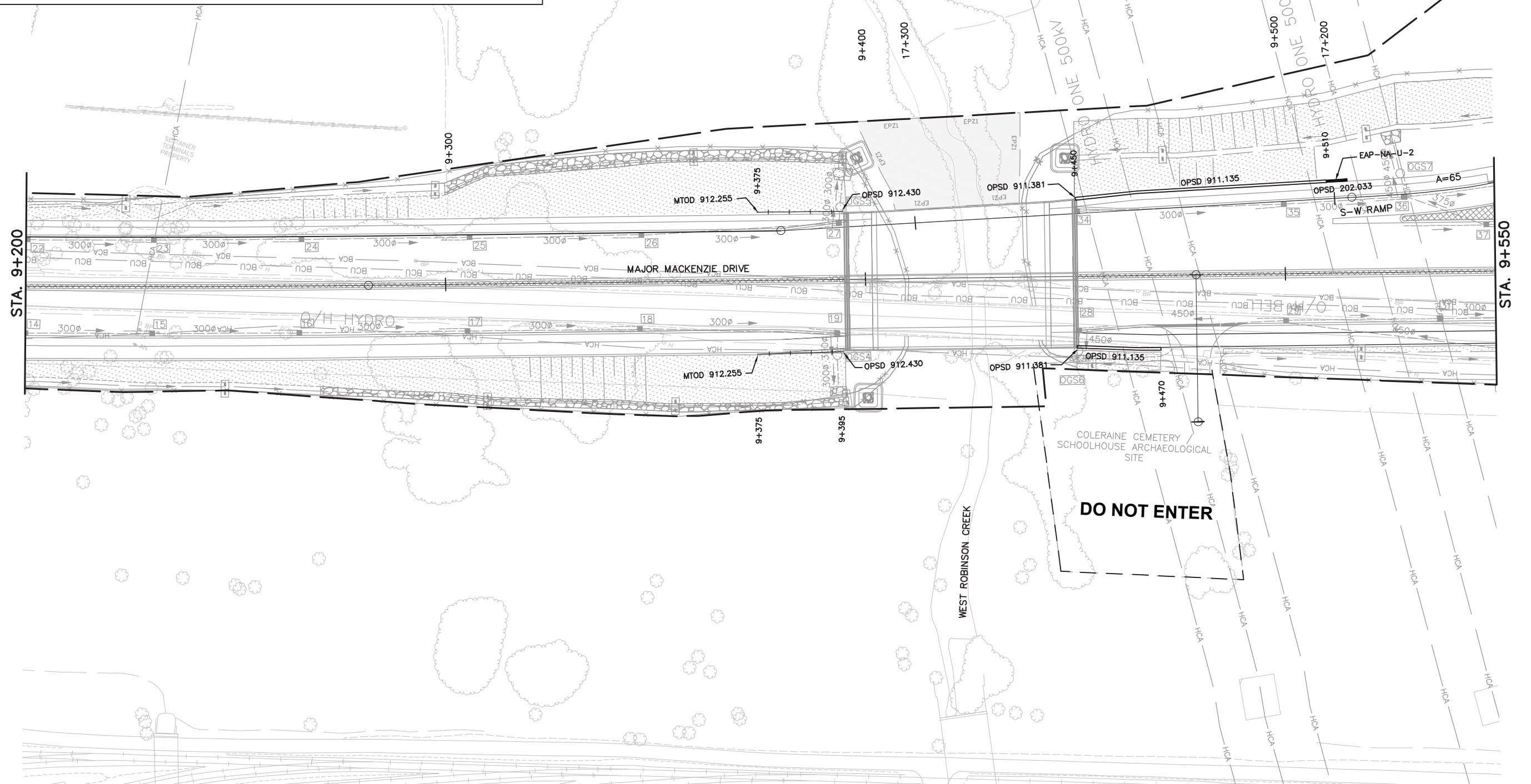
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HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 8+850 TO STA. 9+200							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0018	A



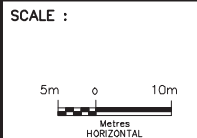
COLERAINE BURYING GROUNDS (COLERAINE CEMETERY) NOTES:

- ERECT A TEMPORARY BARRIER ALONG THE NORTHERN EDGE OF THE AREA TO BE AVOIDED (THE PRESENT CEMETERY PROPERTY LIMITS). PROJECTCO SHALL NOT ENTER THE CEMETERY AND SHALL NOT RELOCATE THE MONUMENT. THE TEMPORARY BARRIER SHALL BE ERECTED OUTSIDE THE CEMETERY. ADDITIONALLY PROJECTCO SHALL ADHERE TO SCHEDULE 15-2 PART 3 (TRAFFIC MANAGEMENT) SECTION 1.2(M) WITH REGARDS TO THE COLERAINE CEMETERY DRIVEWAY.
- ISSUE "NO GO" INSTRUCTIONS TO ALL ON SITE CONSTRUCTION CREWS, ENGINEERS, ARCHITECTS OR OTHERS INVOLVED IN DAY-TO-DAY DECISIONS DURING CONSTRUCTION.
- BEFORE GRADING AND OTHER SOIL DISTURBING ACTIVITIES, INSPECT TO CONFIRM THAT THE PLACEMENT OF BARRIERS CONFORMS TO THE LOCATION AND EXTENT OF THE AREA TO BE AVOIDED.
- DURING GRADING AND OTHER SOIL DISTURBING ACTIVITIES, INSPECT AND MONITOR THE AREA TO BE AVOIDED TO VERIFY THE EFFECTIVENESS OF AVOIDANCE STRATEGIES. IF ALTERATION OF THE ARCHAEOLOGICAL SITE IS OBSERVED AT ANY TIME DURING CONSTRUCTION, NOTIFY THE MINISTRY IMMEDIATELY.
- AFTER COMPLETION OF THE GRADING AND OTHER SOIL DISTURBING ACTIVITIES, INSPECT AND REPORT TO THE MTCs ON THE EFFECTIVENESS OF THE STRATEGY IN ENSURING THAT THE AREA TO BE AVOIDED REMAINS INTACT.

CITY OF VAUGHAN



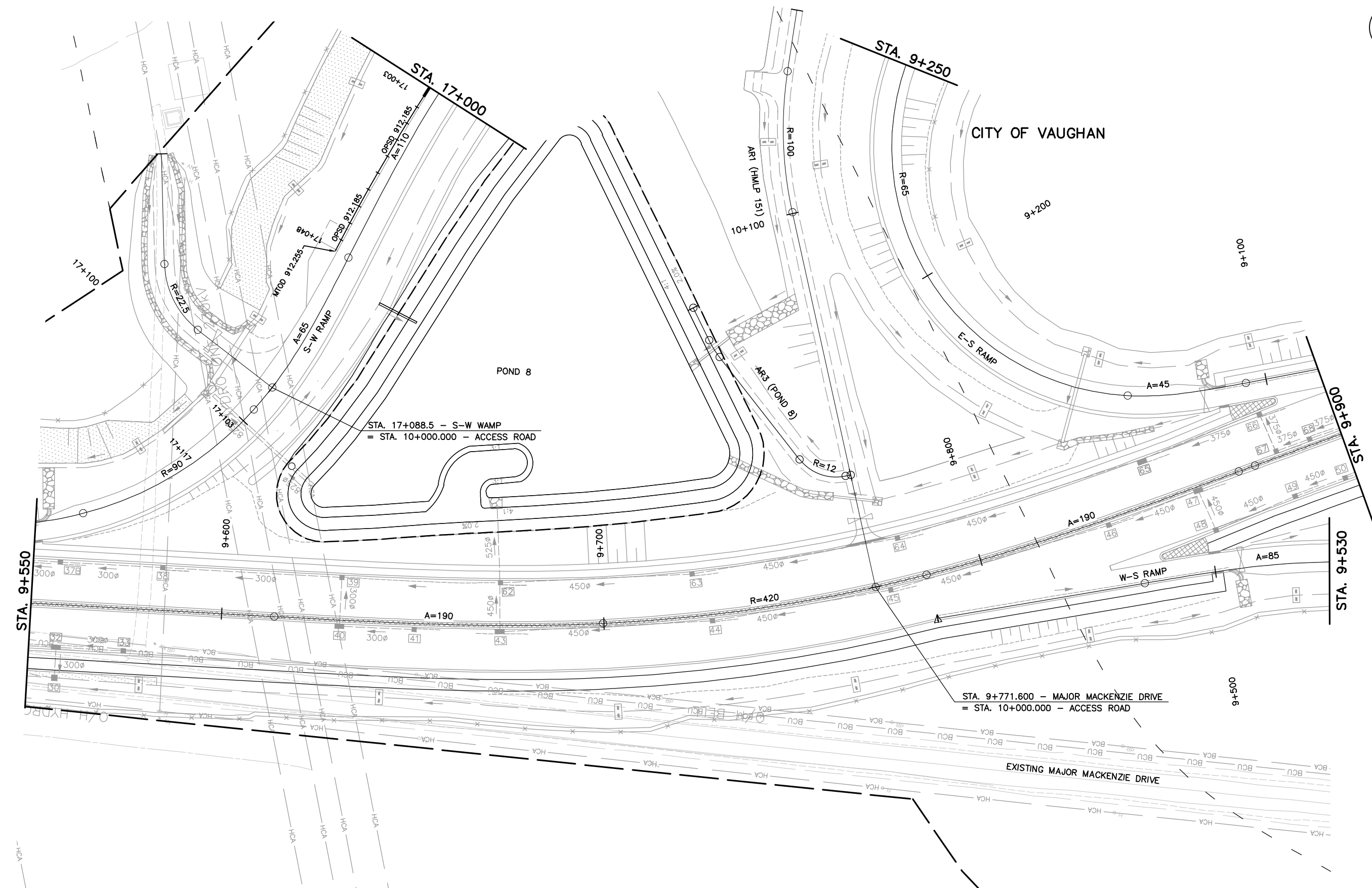
A	19/01/25	90% SUBMISSION TO CA			A.K.	D.C.	J.M.	P.B.			
NO.	DATE	REVISIONS			BY	CHK	LEAD DISC	PROJ. MAN.			



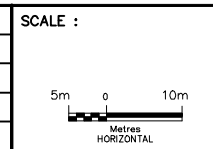
DESIGNED	Sharm Talagata			
DRAWN	Arash Khaleghi			
CHECKED	Duncan Campbell			
APPROVED LEAD ENGINEER	Jonathan Mahacsí			
APPROVED PROJ. MANAGER	Peter Bamforth			
CONSULTANT				
NAME (PRINT)	INT.	DATE		



		TITLE			HWY 427 EXPANSION					
					NEW CONSTRUCTION					
					GUIDERAIL & OVERHEAD SIGN STRUCTURES					
					STA. 9+200 TO STA. 9+550					
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER			
H427-D	N	8	HWY	000	DWG	0019	A			



NO.	DATE	REVISIONS	BY	CHK	LEAD. ENG.	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.



DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
CONSULTANT		
NAME (PRINT)	INIT.	DATE

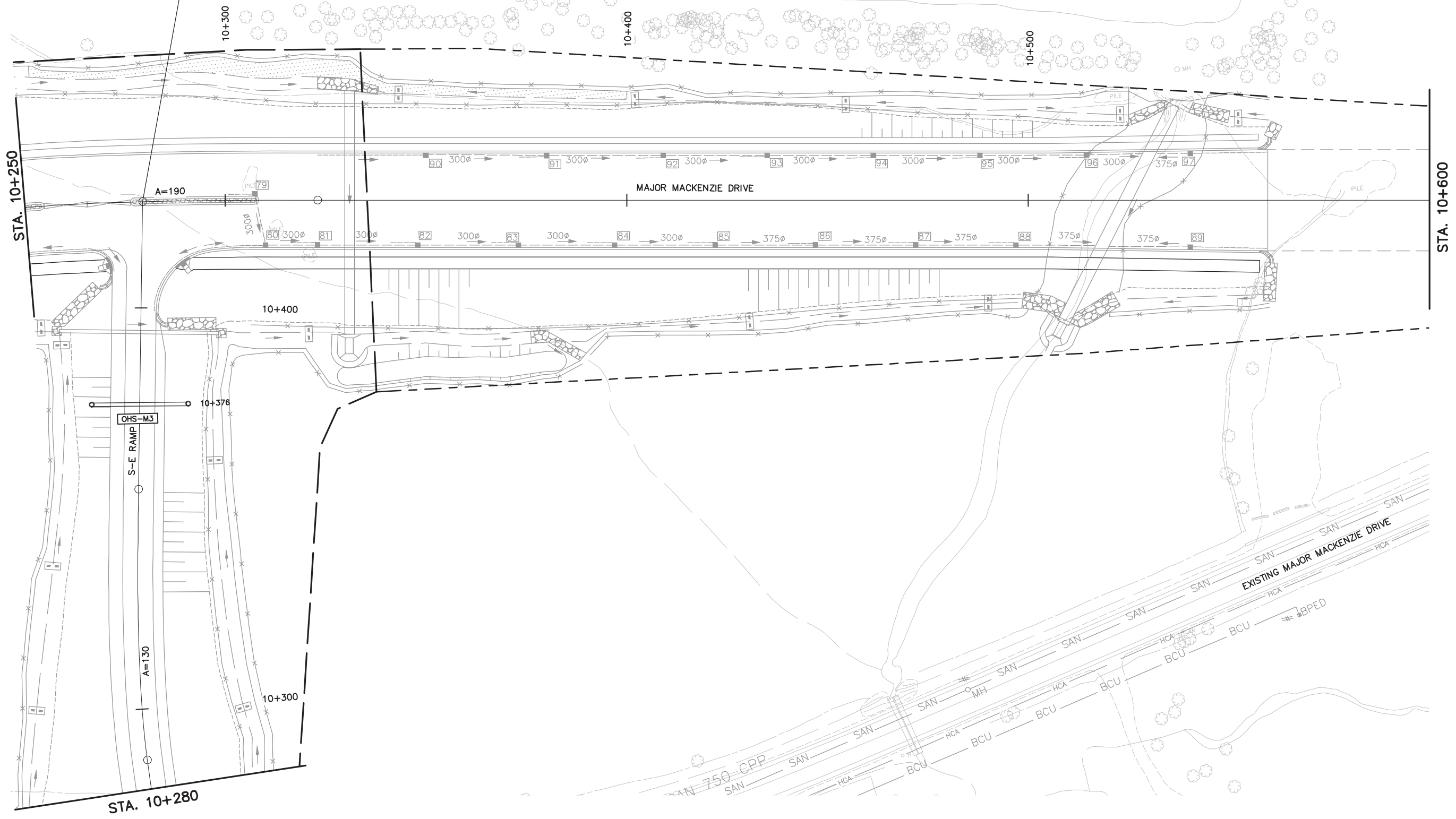


TITLE							
HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
STA. 9+550 TO STA. 9+900							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0020	A

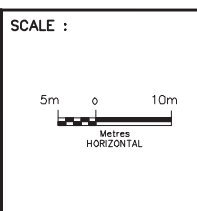


CITY OF VAUGHAN

STA. 10+279.370 - MAJOR MACKENZIE DRIVE
= STA. 10+426.480 - RAMP S-E



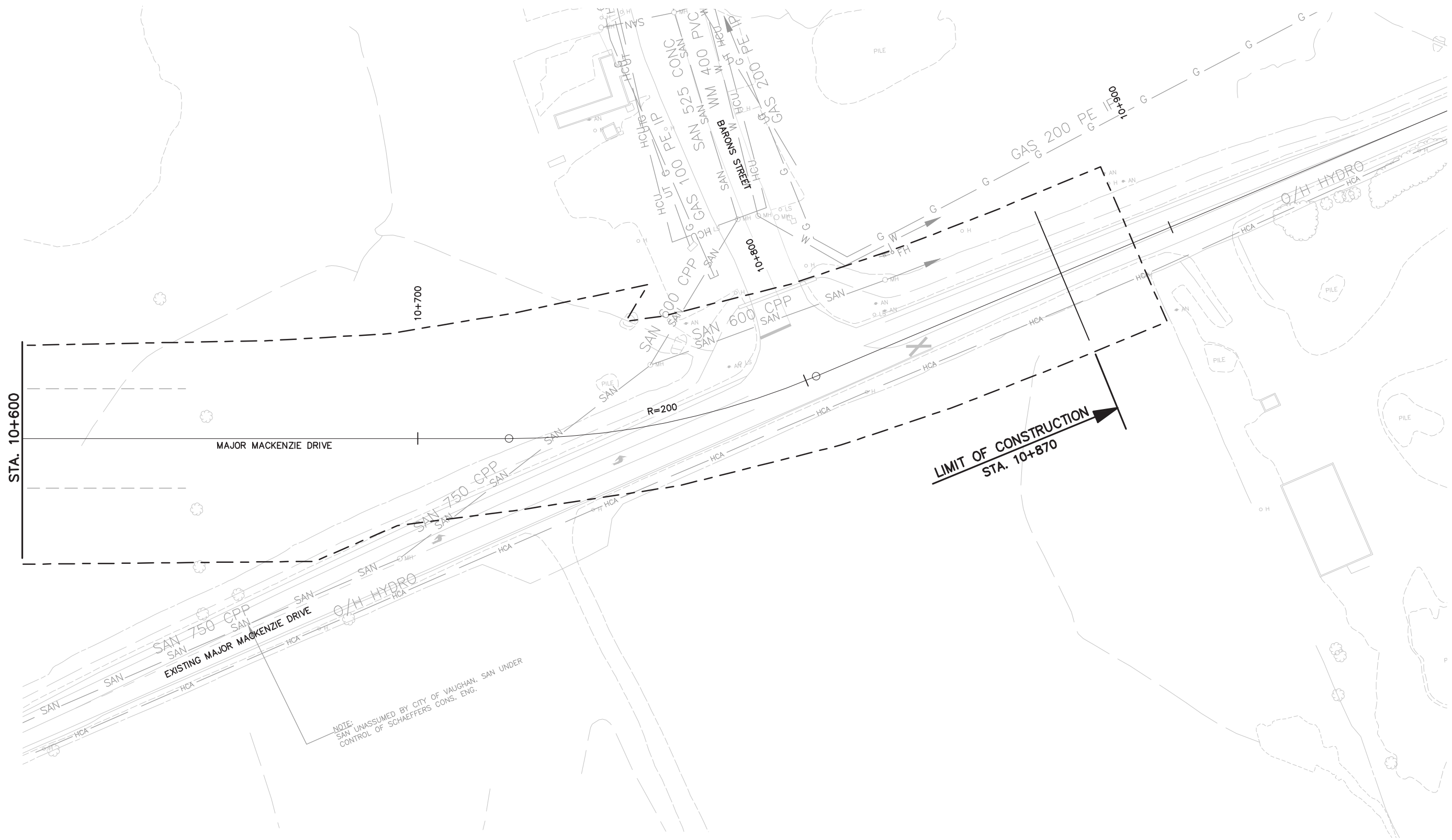
A 19/01/25		90% SUBMISSION TO CA		A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS		BY	CHK	LEAD DISC	PROJ. MAN.



DESIGNED	Sharm Talagata		
DRAWN	Arash Khaleghi		
CHECKED	Duncan Campbell		
APPROVED LEAD ENGINEER	Jonathan Mohacsi		
APPROVED PROJ. MANAGER	Peter Bamforth		
CONSULTANT			
	NAME (PRINT)	INT.	DATE

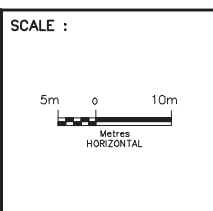


TITLE		HWY 427 EXPANSION							
		NEW CONSTRUCTION							
		GUIDERAIL & OVERHEAD SIGN STRUCTURES							
		STA. 10+250 TO STA. 10+600							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER		
H427-D	N	8	HWY	000	DWG	0021	A		



NOTE:
SAN UNASSUMED BY CITY OF VAUGHAN. SAN UNDER
CONTROL OF SCHAEFFERS CONS. ENG.

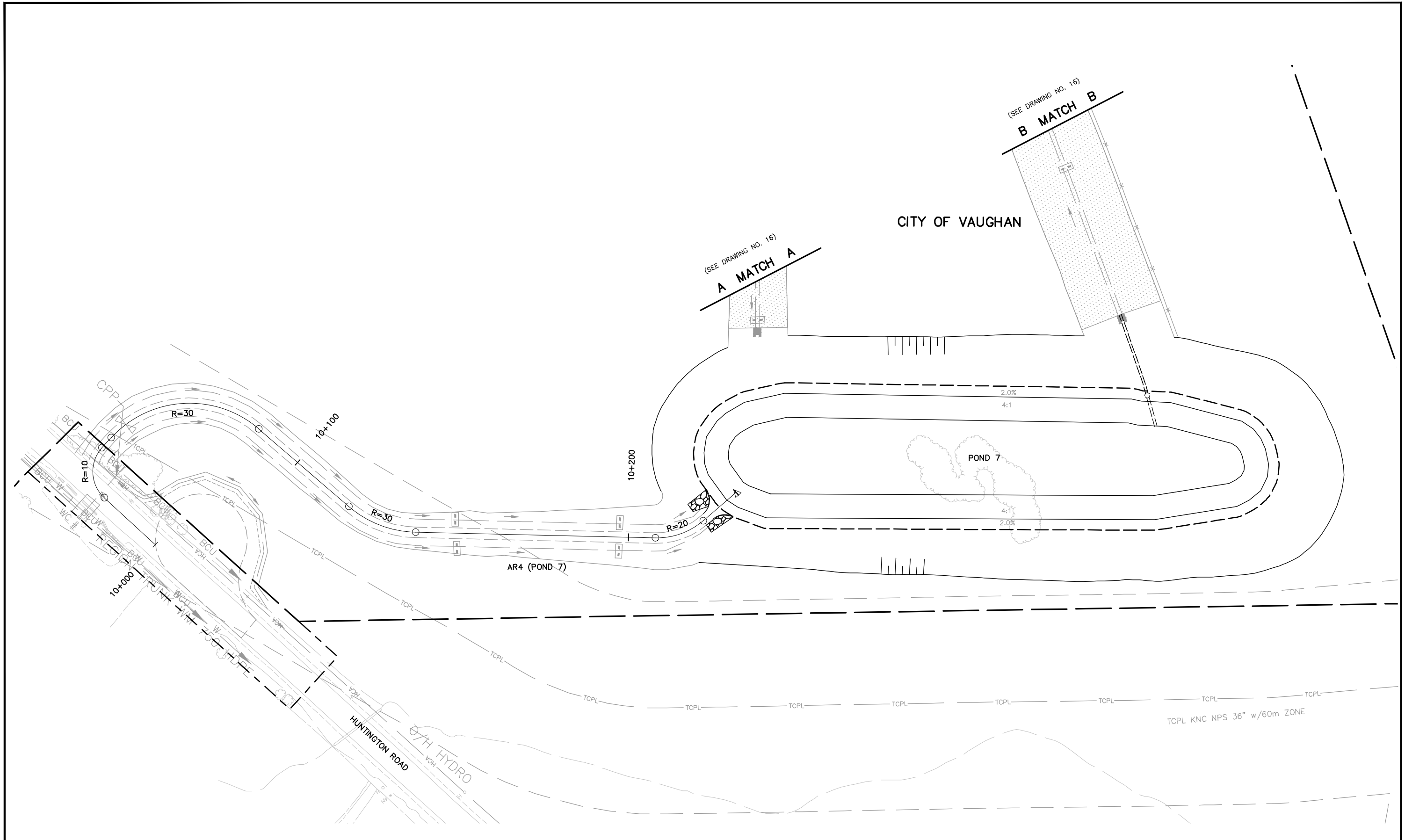
NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ MAN.
A	19/01/25	90% SUBMISSION TO CA		A.K.	D.C.	J.M.
						P.B.



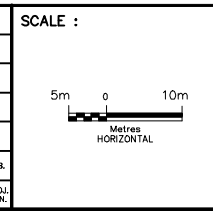
DESIGNED	Sharm Talagata
DRAWN	Arash Khaleghi
CHECKED	Duncan Campbell
APPROVED LEAD ENGINEER	Jonathan Mohacsi
APPROVED PROJ. MANAGER	Peter Bamforth
NAME (PRINT)	INT. DATE



TITLE							HWY 427 EXPANSION						
							NEW CONSTRUCTION						
							GUIDERAIL & OVERHEAD SIGN STRUCTURES						
							STA. 10+600 TO STA. 10+870						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER						
H427-D	N	8	HWY	000	DWG	0022	A						



A		19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS		BY	CHK	LEAD	PROJ. MAN.



DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
CONSULTANT		
	NAME (PRINT)	INIT. DATE

DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
CONSULTANT		
	NAME (PRINT)	INIT. DATE

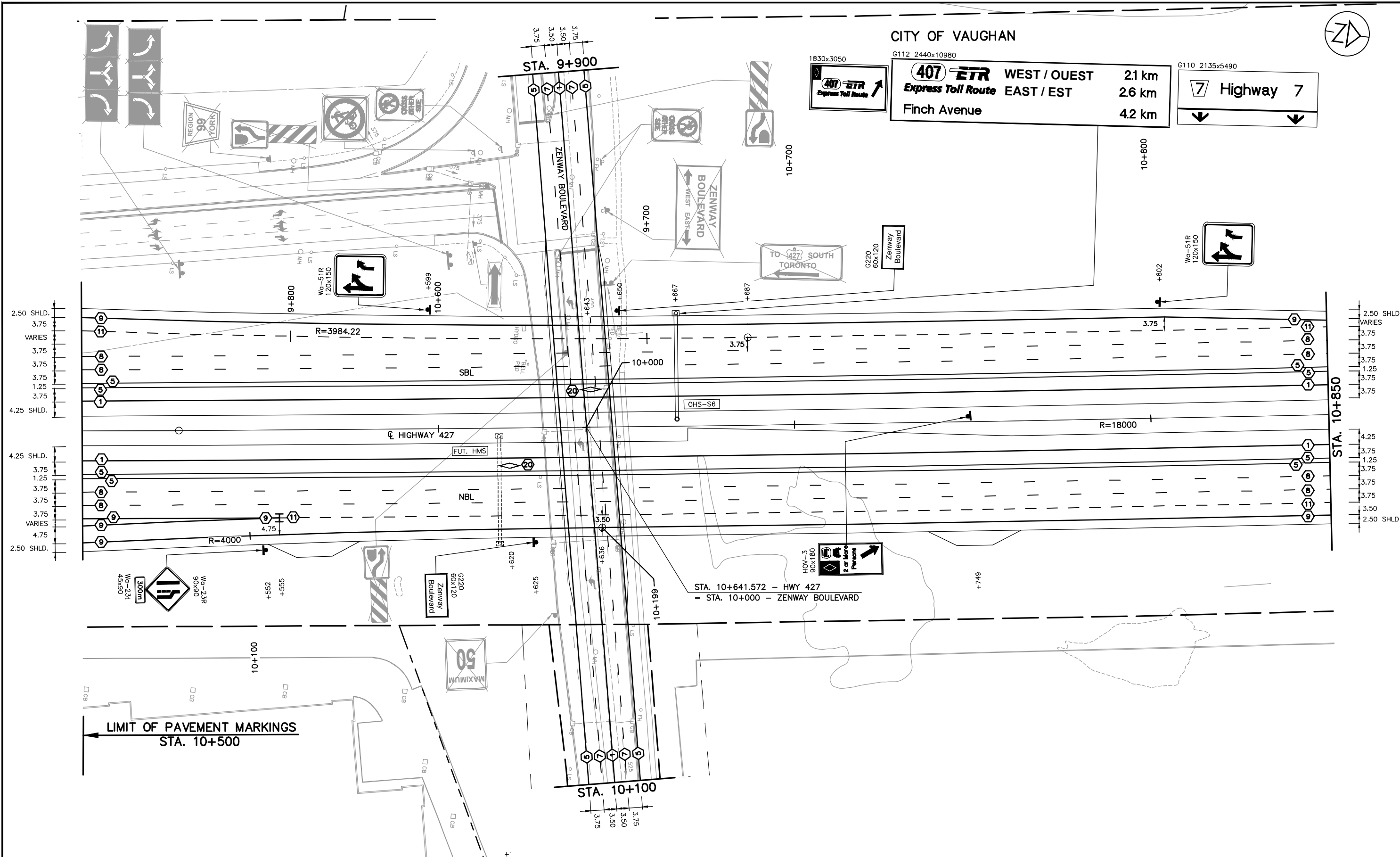


TITLE							
HWY 427 EXPANSION							
NEW CONSTRUCTION							
GUIDERAIL & OVERHEAD SIGN STRUCTURES							
POND 7 AREA							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0023	A

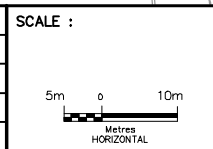


CITY OF VAUGHAN

1830x3050	G112 2440x10980	G110 2135x5490
407 ETR Express Toll Route	WEST / OUEST Express Toll Route Finch Avenue	2.1 km 2.6 km 4.2 km
	7 Highway 7	



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.
A	19/01/25	90% SUBMISSION TO CA	D.S.	D.C.	P.L.	P.B.



DESIGNED	PATRICK LECLERC
DRAWN	DAVID SANOSA
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	PATRICK LECLERC
APPROVED PROJ. MANAGER	PETER BAMFORTH

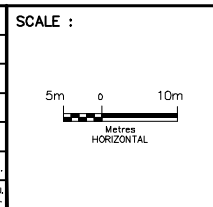
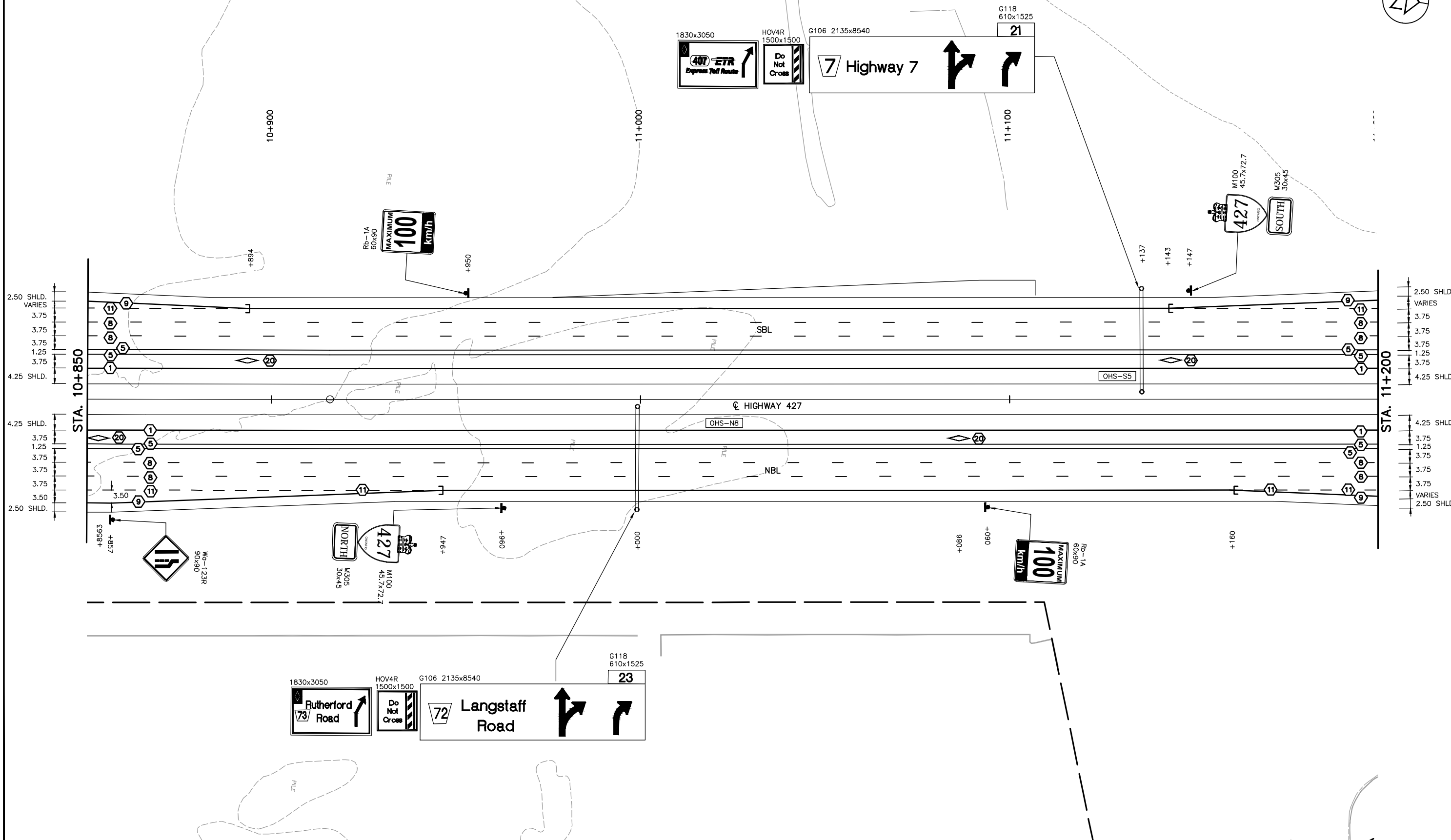
NAME (PRINT)	INIT.	DATE



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 10+500 TO STA. 10+850							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0043	A



CITY OF VAUGHAN



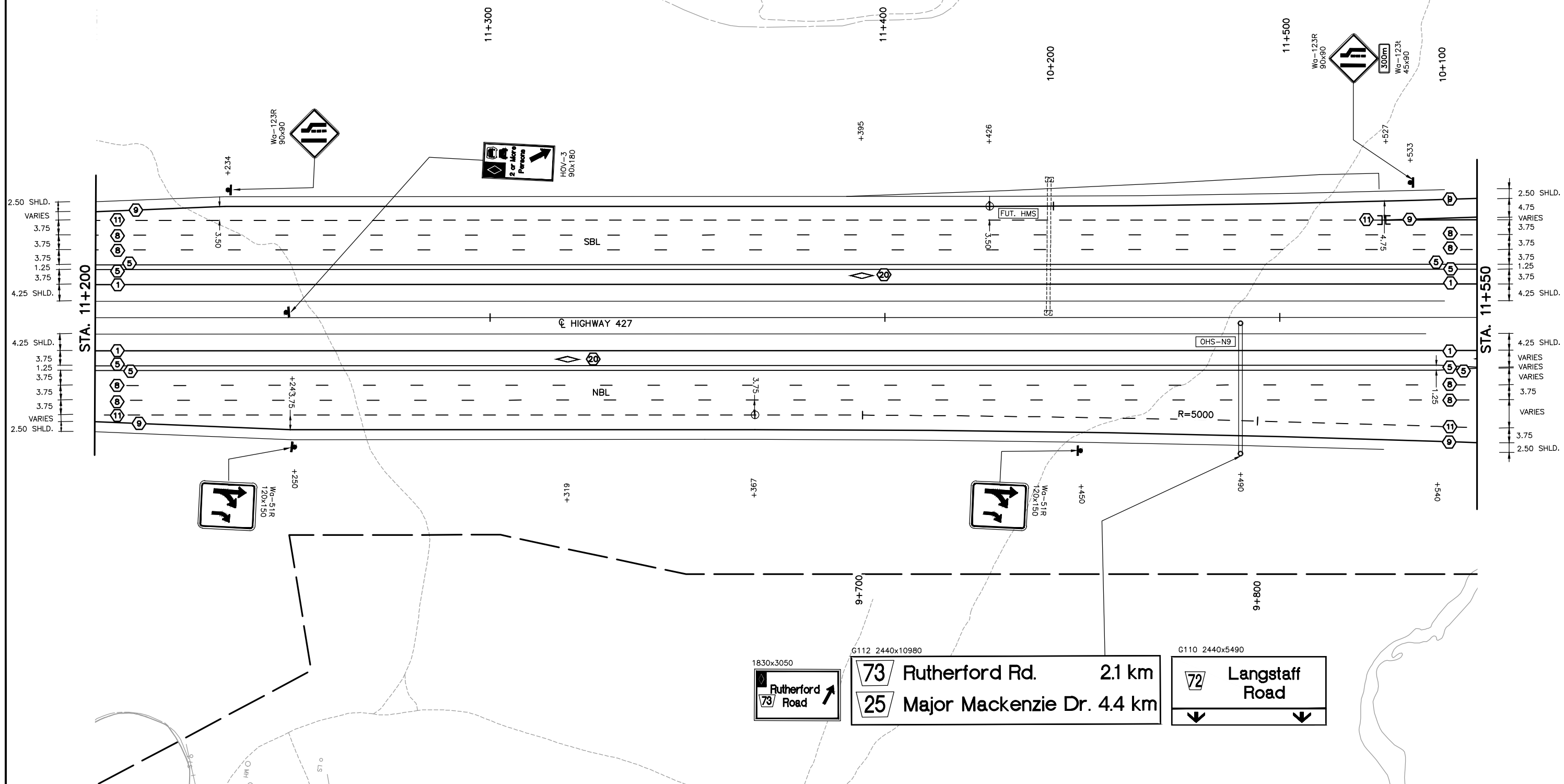
DESIGNED	PATRICK LEGLERC	
DRAWN	DAVID SANOSA	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	PATRICK LEGLERC	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
CONSULTANT		
NAME (PRINT)	INIT.	DATE

DESIGNED	PATRICK LEGLERC	
DRAWN	DAVID SANOSA	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	PATRICK LEGLERC	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
CONSULTANT		
NAME (PRINT)	INIT.	DATE

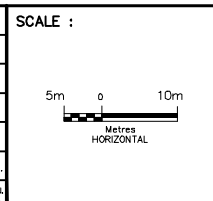


HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 10+850 TO STA. 11+200							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0044	A

CITY OF VAUGHAN



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.	MAN.
A	19/01/25	90% SUBMISSION TO CA			D.S.	D.C.	P.L. P.B.



DESIGNED	PATRICK LECLERC
DRAWN	DAVID SANOSA
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	PATRICK LECLERC
APPROVED PROJ. MANAGER	PETER BAMFORTH

NAME (PRINT)	INIT.	DATE



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 11+200 TO STA. 11+550							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0045	A

1830x3050

Rutherford Road

G112 2440x10980

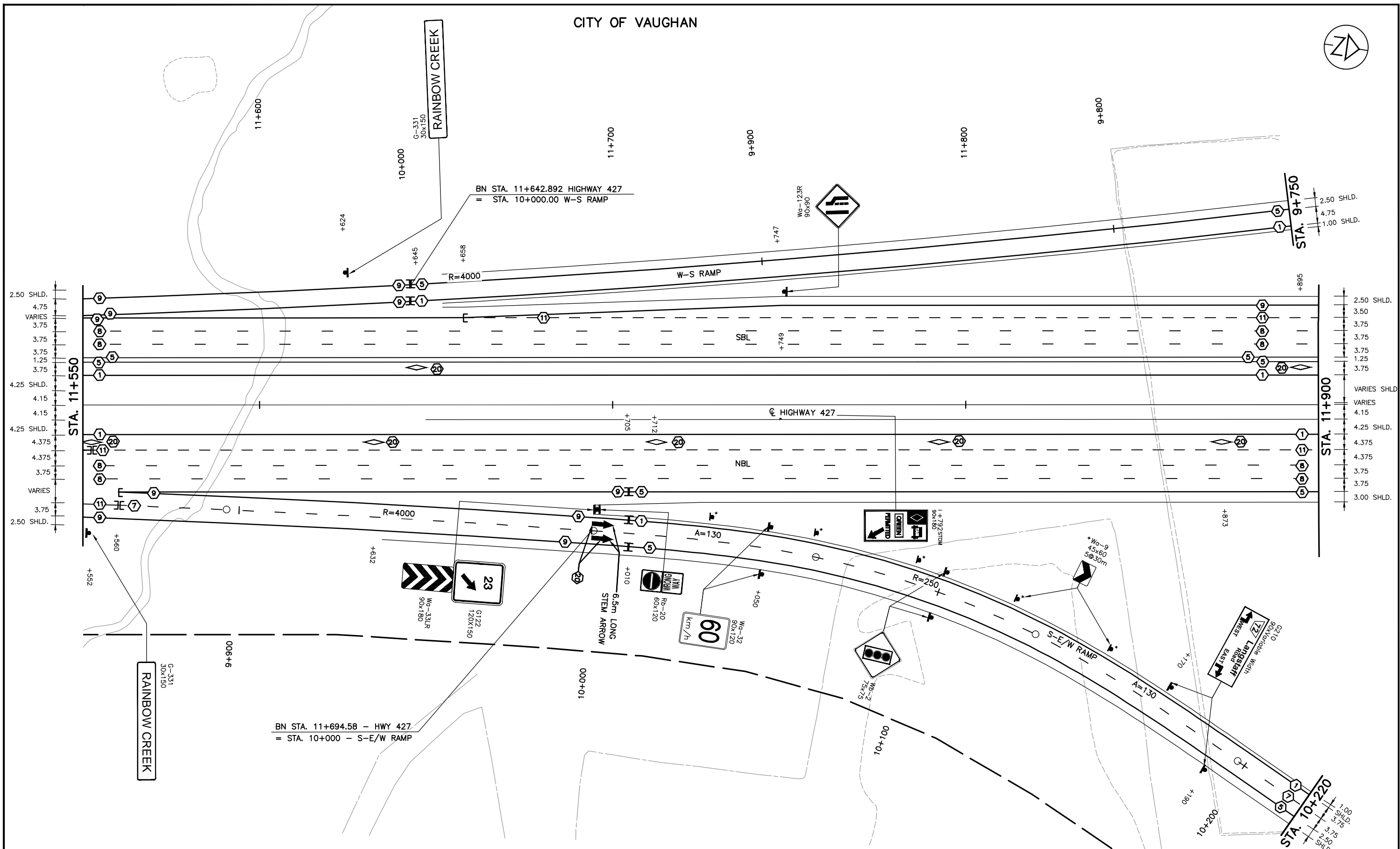
73 Rutherford Rd. 2.1 km

25 Major Mackenzie Dr. 4.4 km

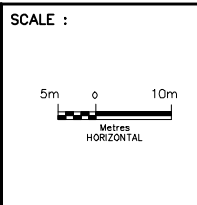
G110 2440x5490

72 Langstaff Road

CITY OF VAUGHAN



NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.		
A	19/01/25	90% SUBMISSION TO CA			D.S.	D.C.	P.L.	P.B.

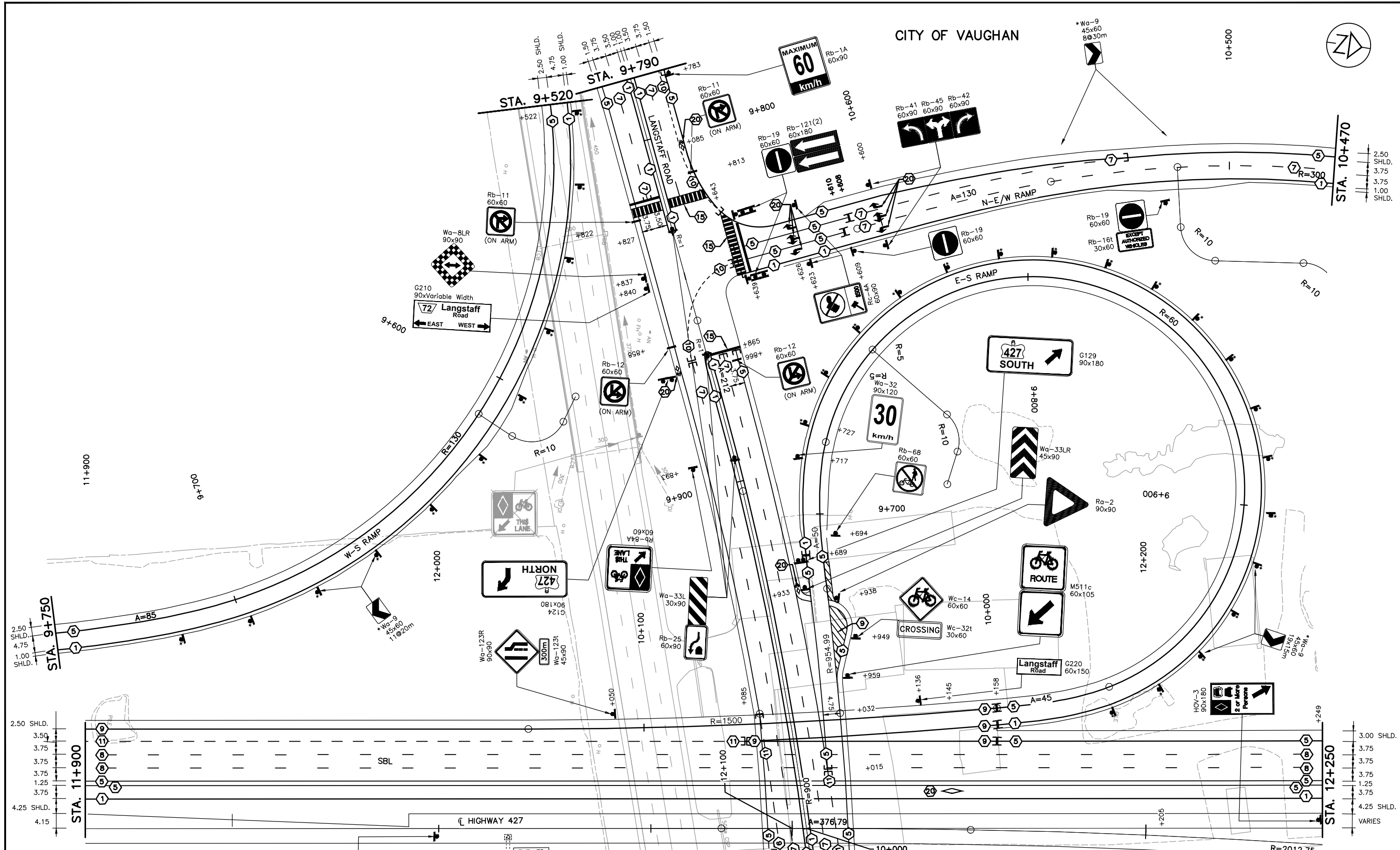


DESIGNED	IMRAN AHMAD
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

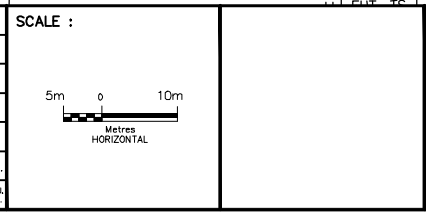
CONSULTANT	NAME (PRINT)	INT.	DATE



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING STA. 11+550 TO STA. 11+900							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0046	A



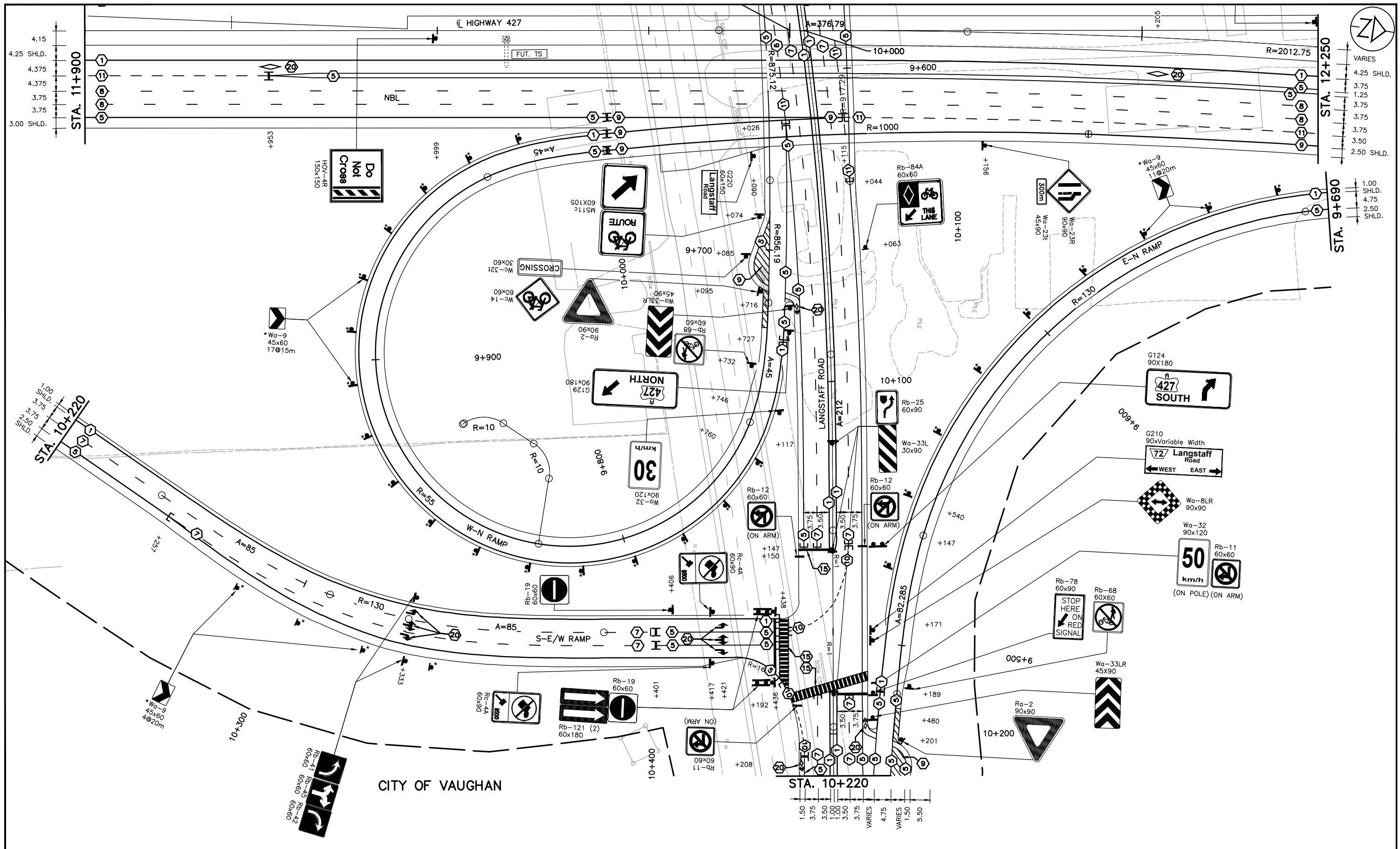
NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	MAN
A	19/01/25	90% SUBMISSION TO CA	D.S.	D.C.	P.L.	P.B.	



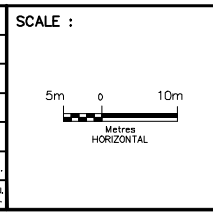
DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETNGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING STA. 11+900 TO STA. 12+250							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0047	A



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	MAN
A	19/01/25	90% SUBMISSION TO CA	D.S.	D.C.	P.L.	P.B.	

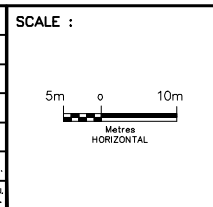
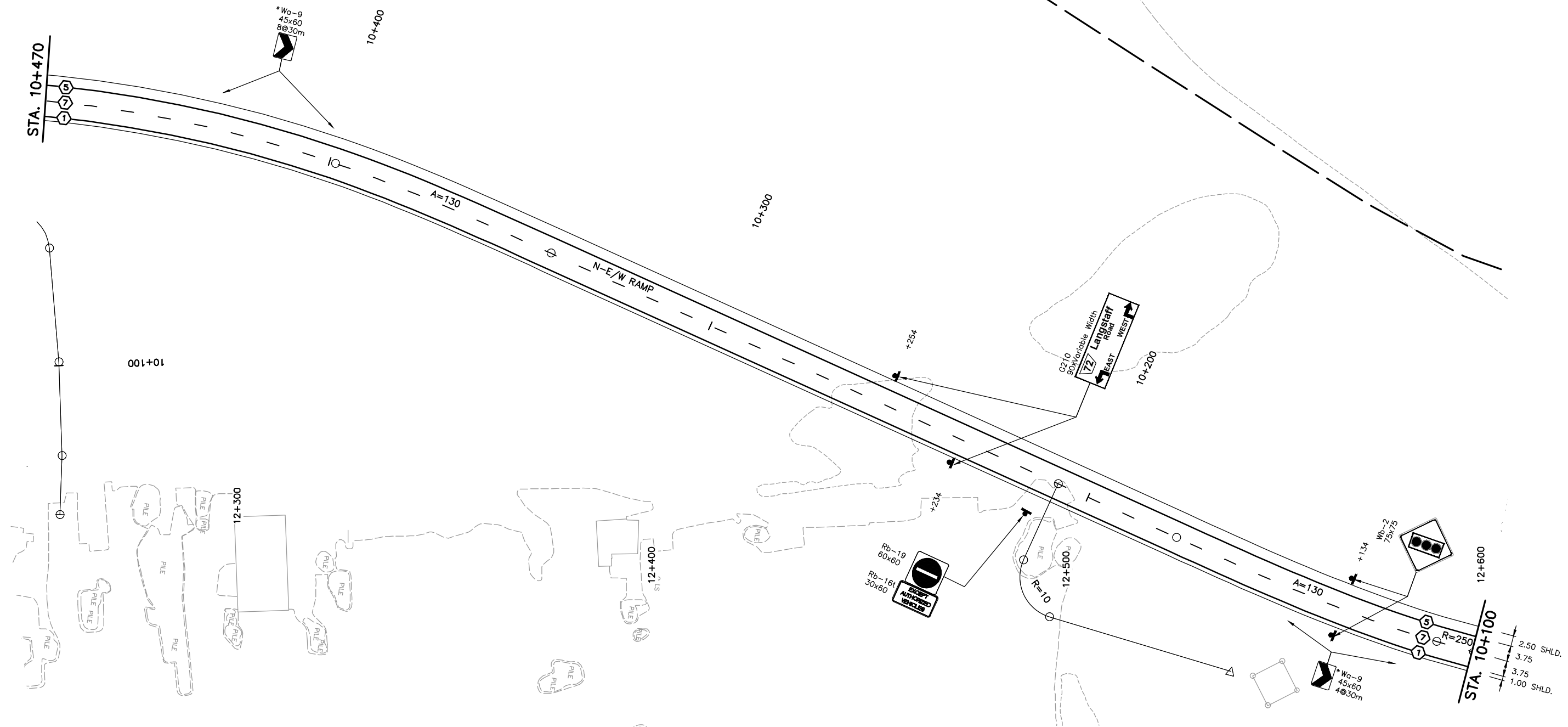


DESIGNED	IMRAN AHMAD
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

CONSULTANT					
NAME (PRINT)		INIT.		DATE	



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 11+900 TO STA. 12+250							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0048	A

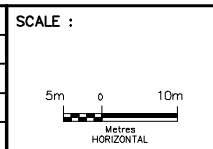
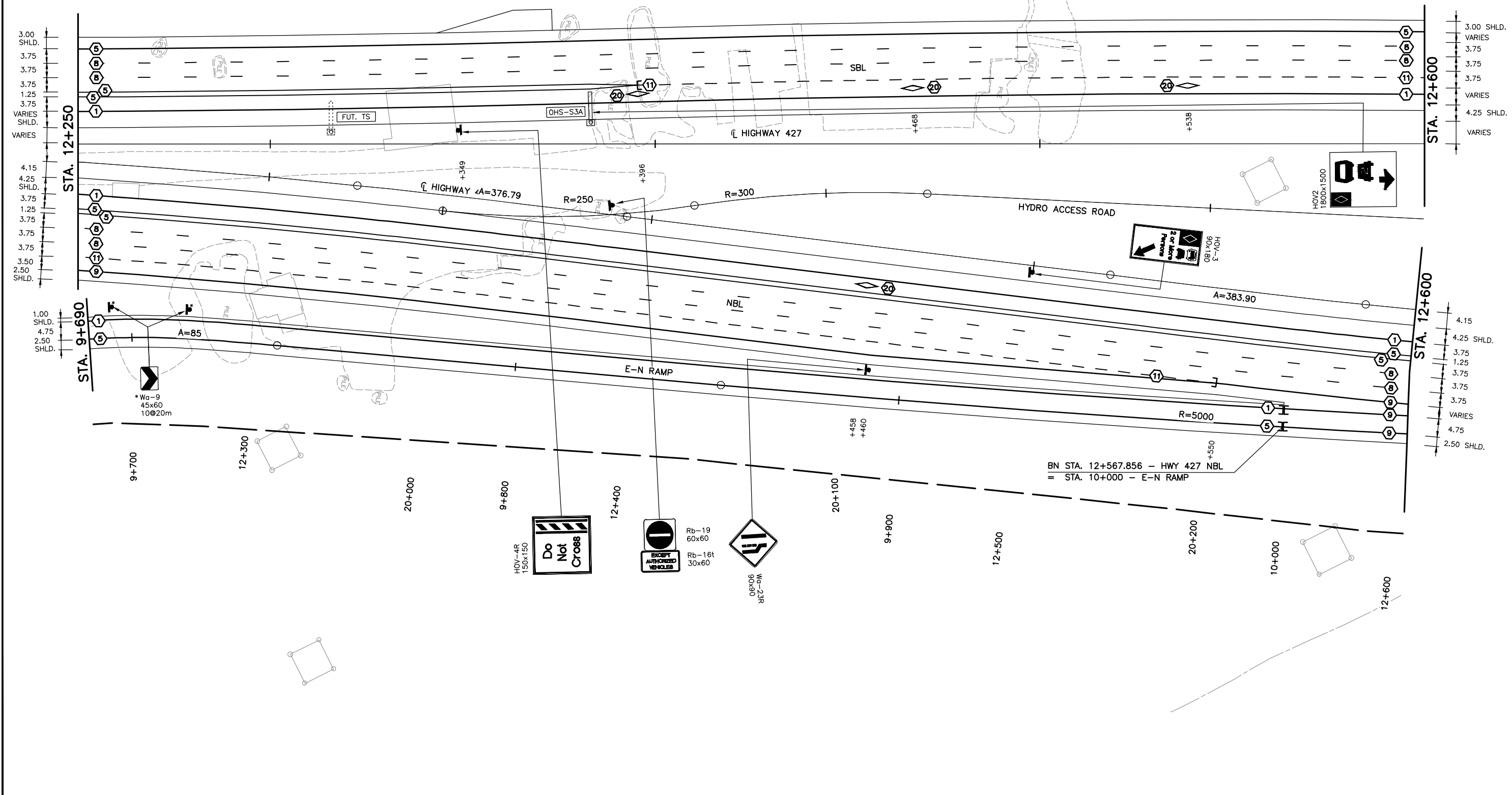


DESIGNED	IMRAN AHMAD
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 10+470 TO STA. 10+100							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0049	A

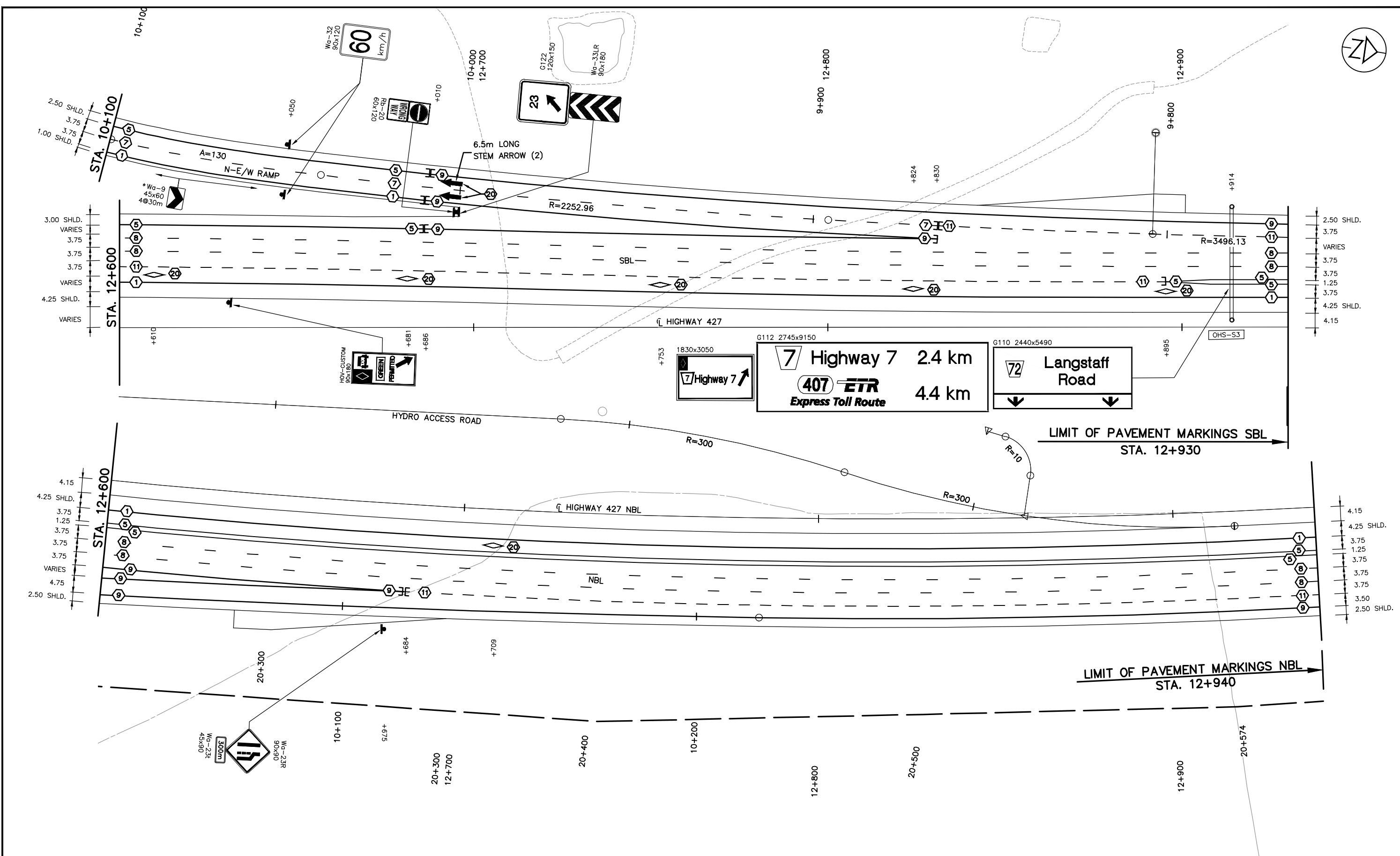


DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETINGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE

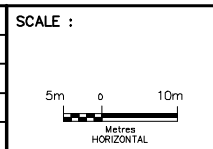
CONSULTANT		
DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETINGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



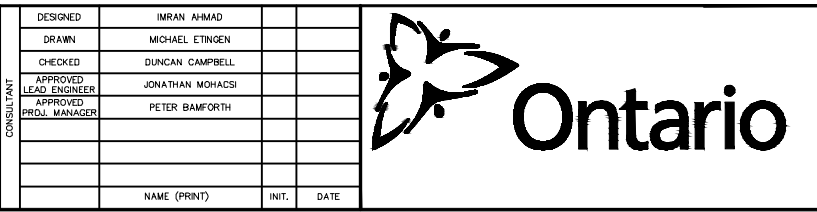
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 12+250 TO STA. 12+600							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0050	A



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.	MAN.
A	19/01/25	90% SUBMISSION TO CA	D.S.	D.C.	P.L.	P.B.	



DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETINGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



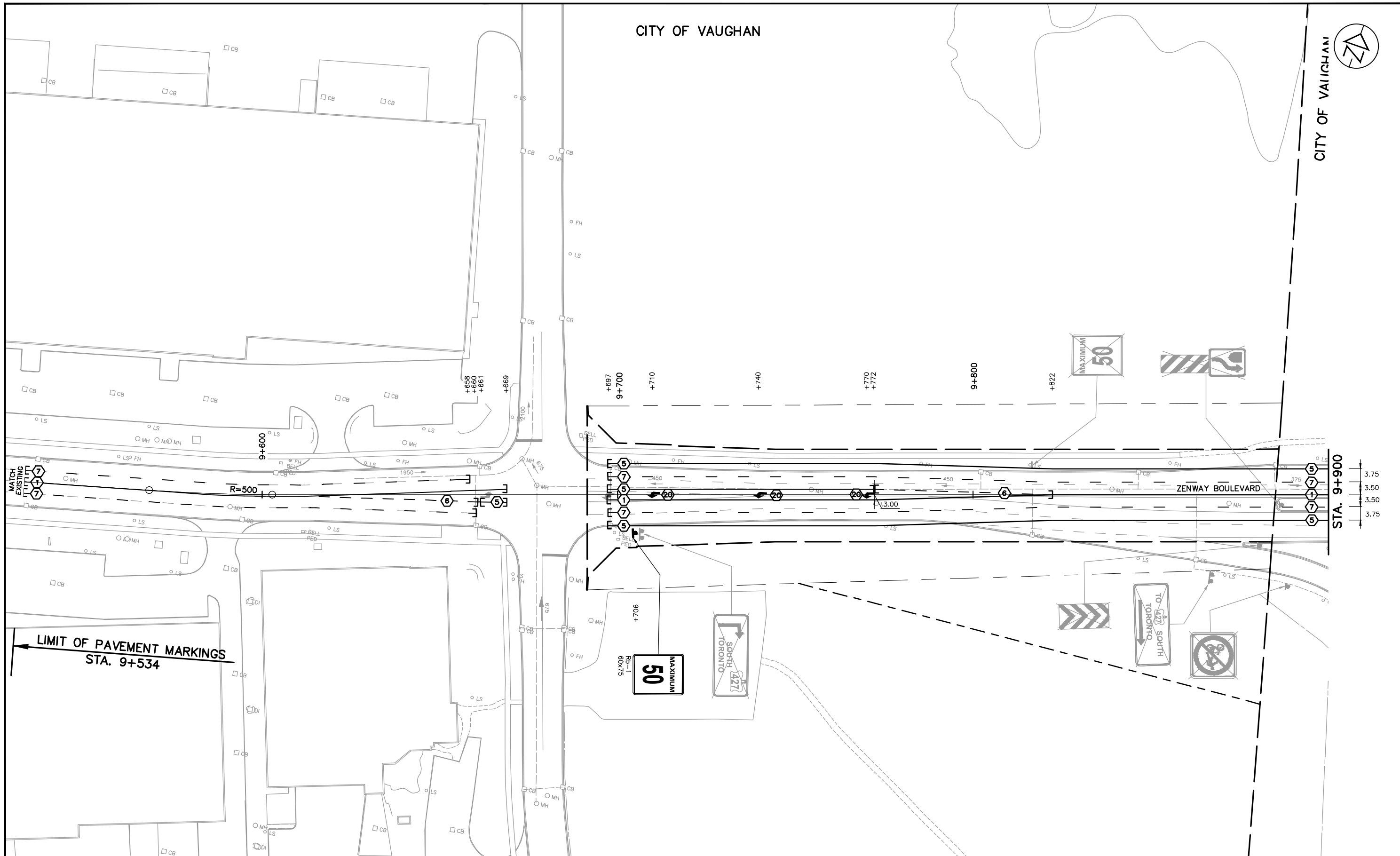
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
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HWY 427 EXPANSION

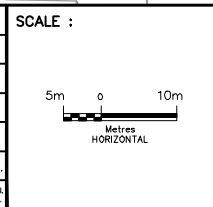
PAVEMENT MARKINGS AND SIGNING
 STA. 12+600 TO STA. 12+930 SBL
 STA. 12+600 TO STA. 12+940 NBL

CITY OF VAUGHAN

CITY OF VAUGHAN



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRG.	MAN.
A	19/01/25	90% SUBMISSION TO CA	D.S.	D.C.	P.L.	P.B.	



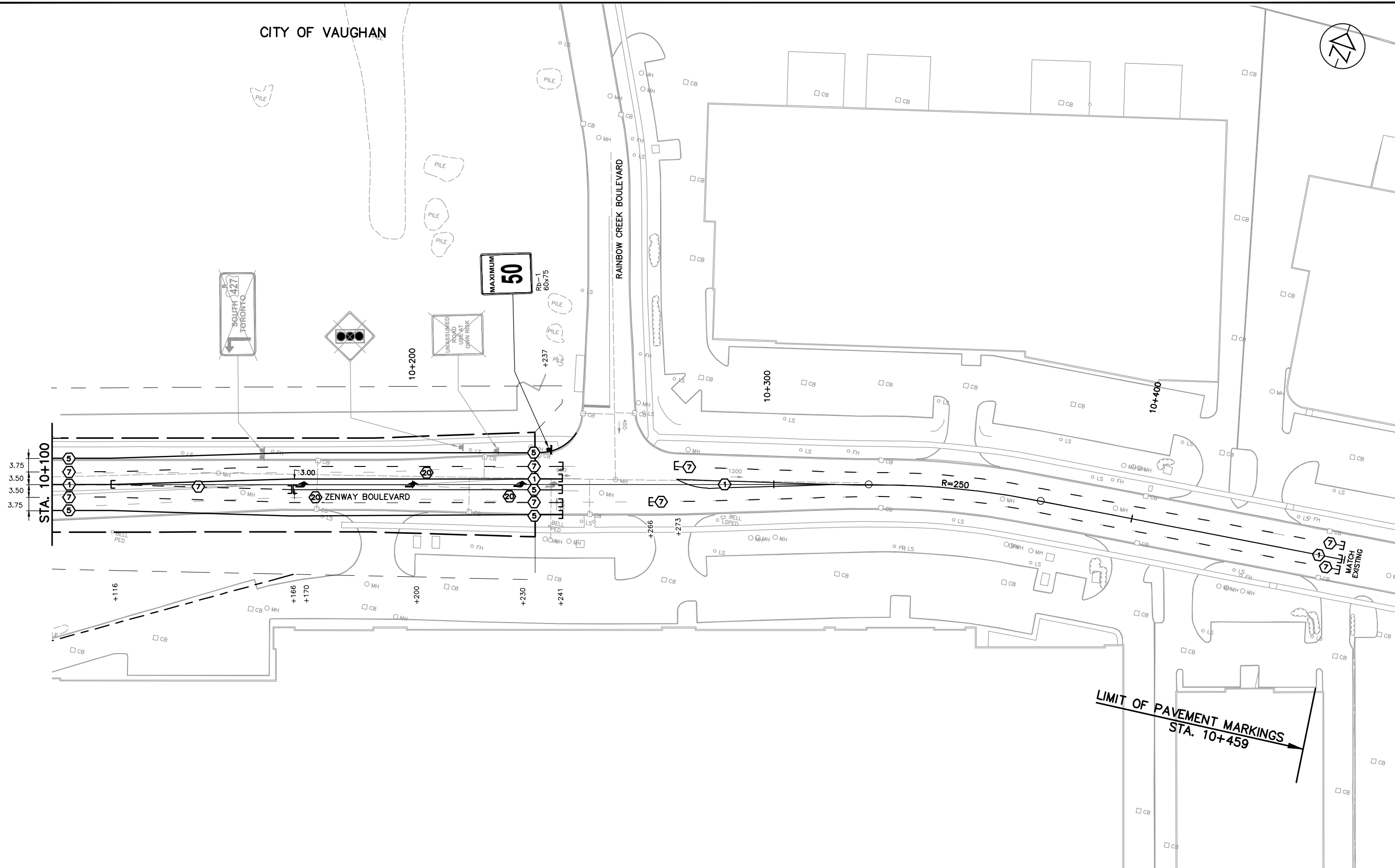
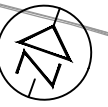
DESIGNED	PATRICK LEGLERC
DRAWN	DAVID SANOSA
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	PATRICK LEGLERC
APPROVED PROJ. MANAGER	PETER BAMFORTH

CONSULTANT	NAME (PRINT)	INT.	DATE

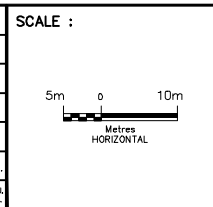


HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
ZENWAY BOULEVARD							
STA. 9+534 TO STA. 9+900							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0052	A

CITY OF VAUGHAN



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	MAN
A	19/01/25	90% SUBMISSION TO CA	D.S.	D.C.	P.L.	P.B.	



DESIGNED	PATRICK LEGLERC	
DRAWN	DAVID SANOSA	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	PATRICK LEGLERC	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INT.	DATE

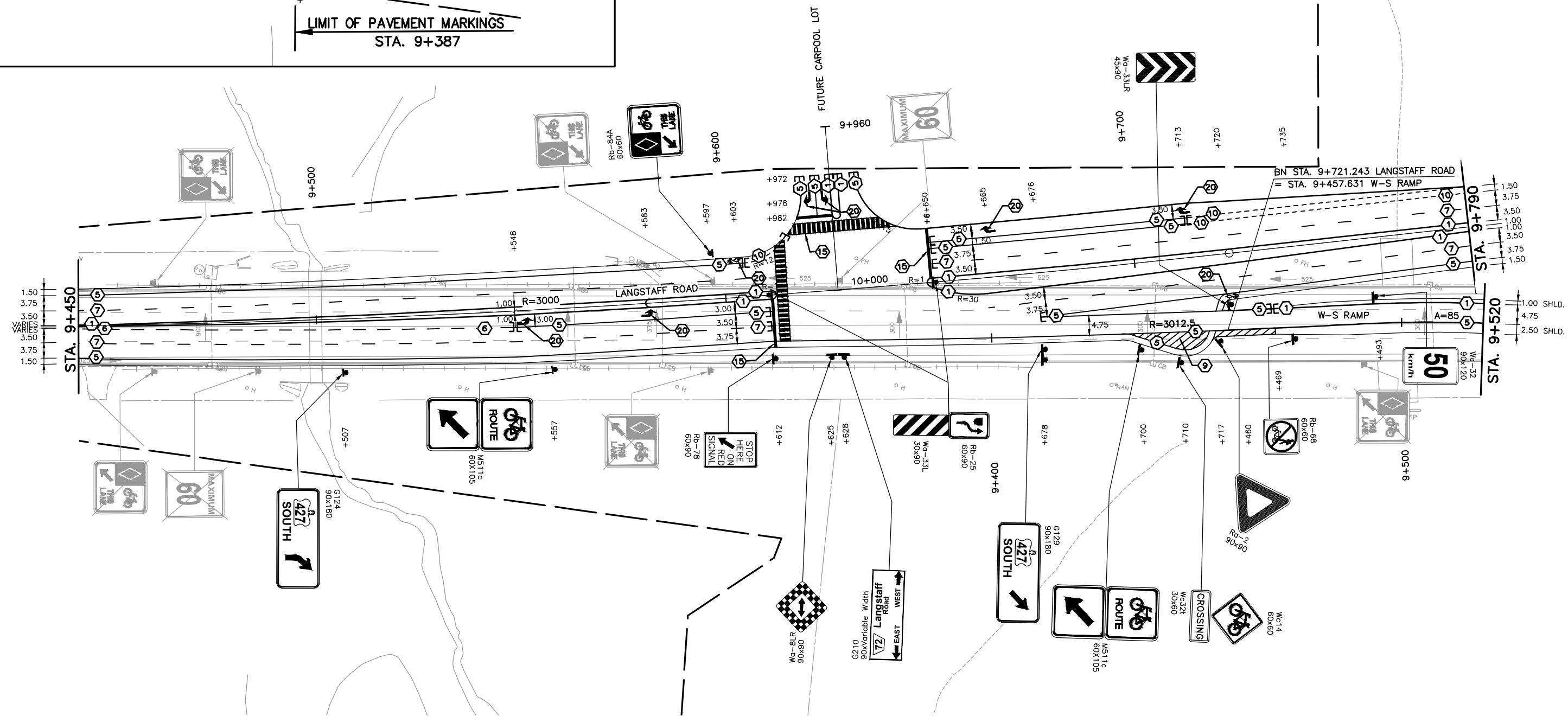
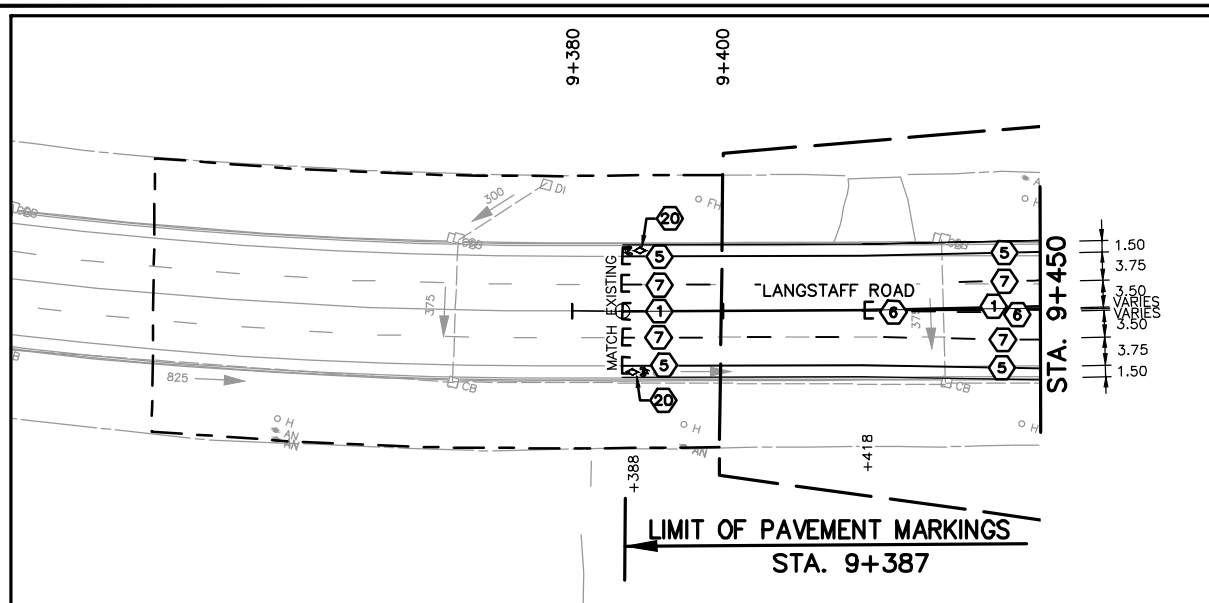
CONSULTANT		
DESIGNED	PATRICK LEGLERC	
DRAWN	DAVID SANOSA	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	PATRICK LEGLERC	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INT.	DATE



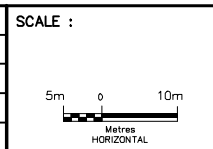
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
ZENWAY BOULEVARD							
STA. 10+100 TO STA. 10+269							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0053	A

CITY OF VAUGHAN

NOTES:
 1. DO NOT PAINT STOP BARS AND ARROWS UNTIL 48 HOURS PRIOR TO OPENING OF AND ENERGIZING TRAFFIC SIGNALS FOR THE CARPOOL LOT INTERSECTION.



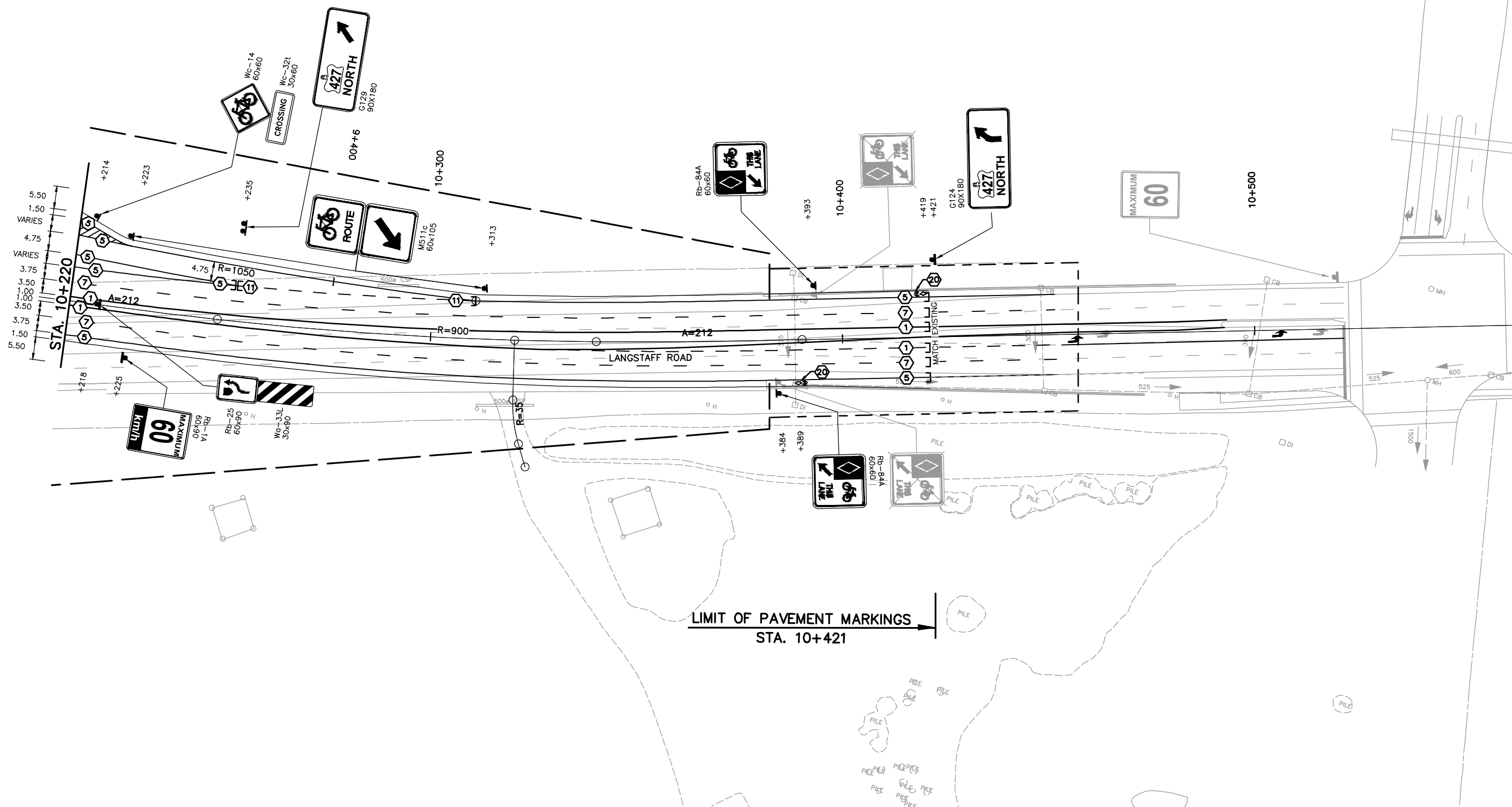
NO.	DATE	REVISIONS	BY	CHK	LEAD. ENGR.	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA	D.S.	D.C.	P.L.	P.B.



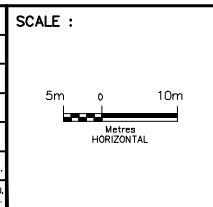
DESIGNED	IMRAN AHMAD	
DRAWN	MICHAEL ETINGEN	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
LANGSTAFF ROAD						
STA. 9+387 TO STA. 9+790						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	6	HWY	000	DWG	0054
						A



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ	MAN
A	19/01/25	90% SUBMISSION TO CA	D.S.	D.C.	P.L.	P.B.	

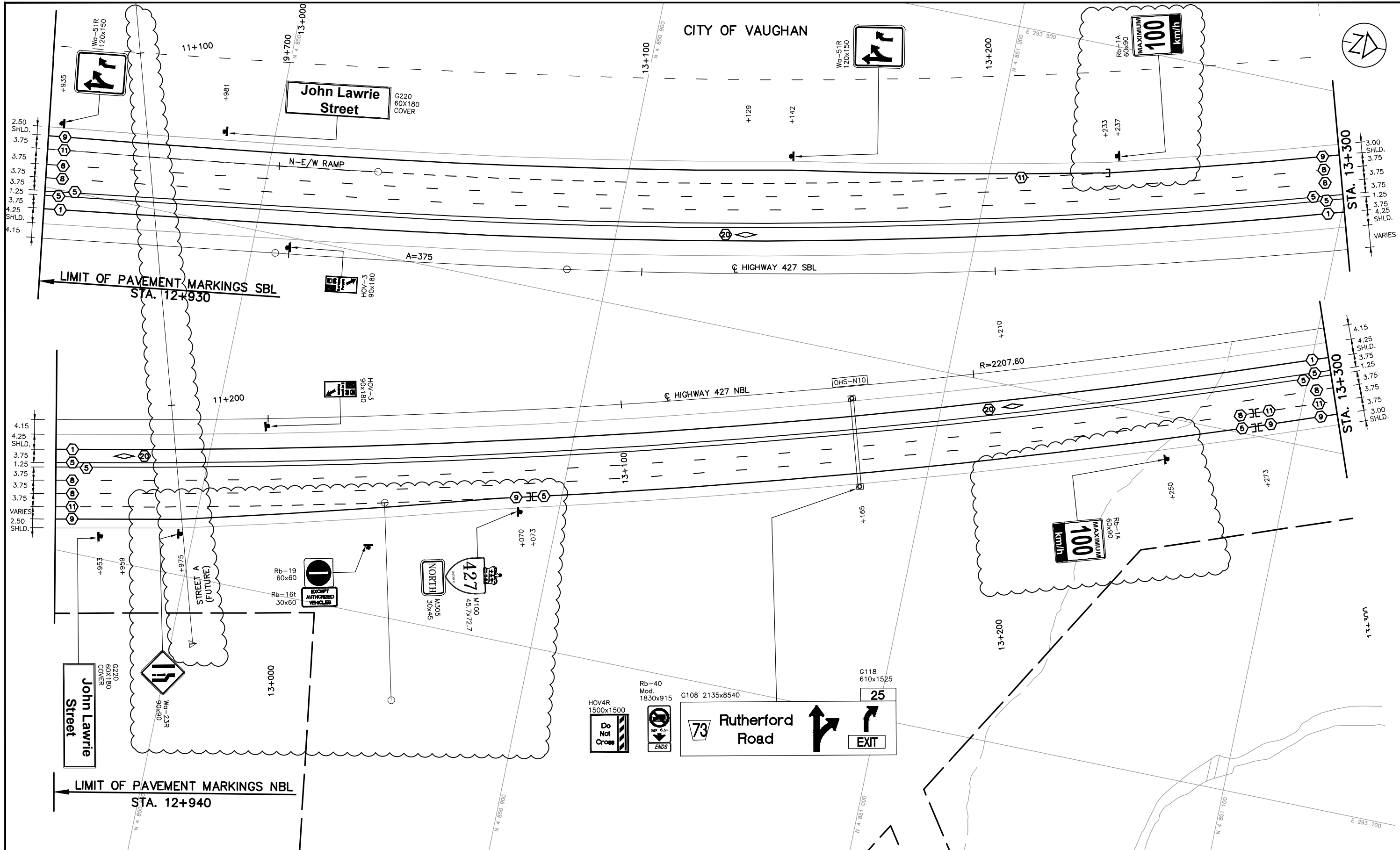


DESIGNED	IMRAN AHMAD		
DRAWN	MICHAEL ETINGEN		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		

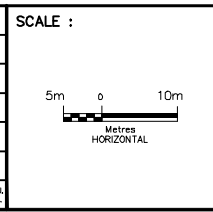
CONSULTANT			
NAME (PRINT)		INIT.	DATE



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
LANGSTAFF ROAD							
STA. 10+220 TO STA. 10+421							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0055	A



NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.	MAN.
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	EL.	D.C.	J.M.	P.B.	

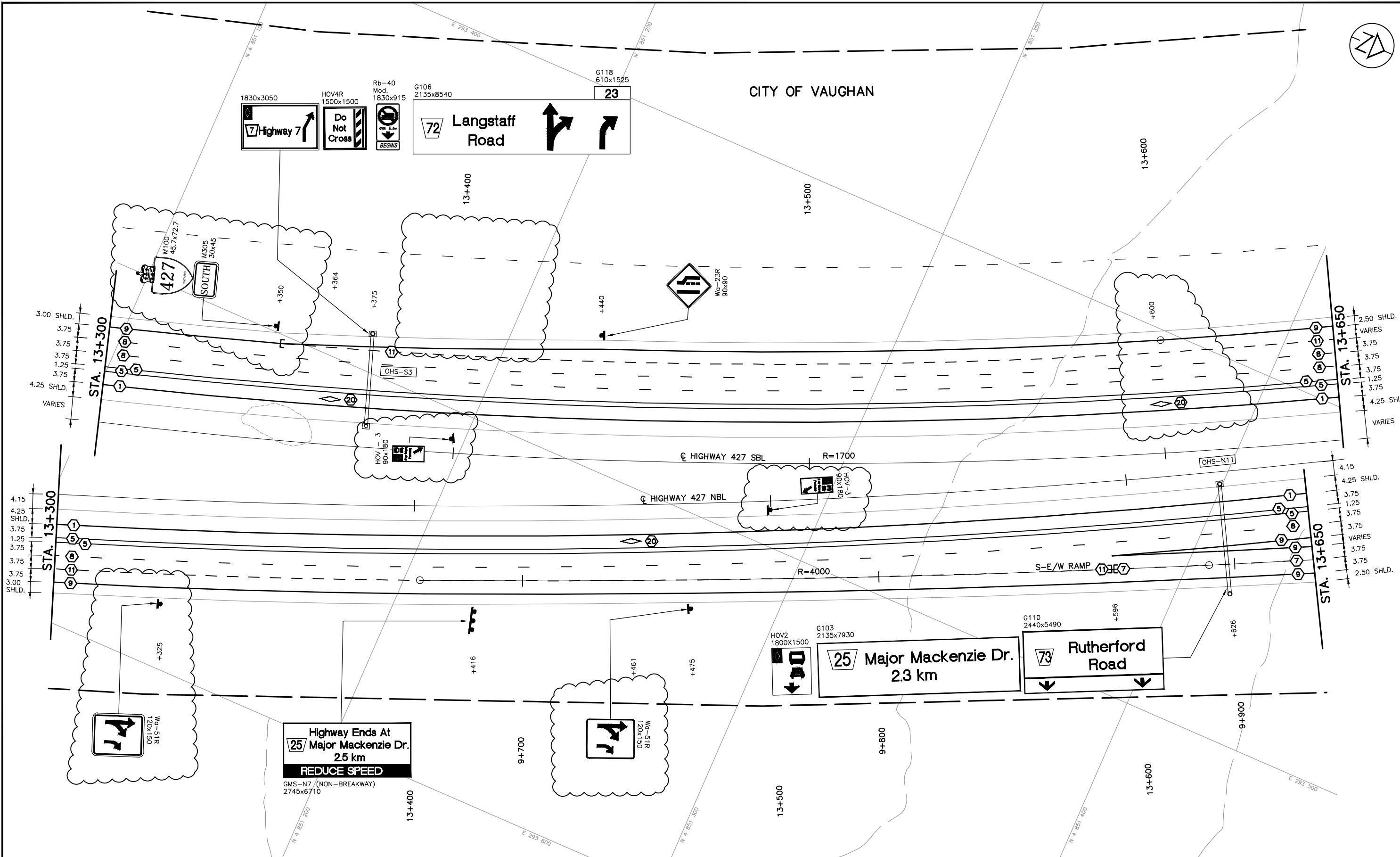


DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

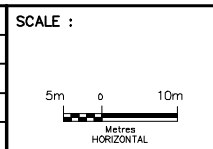
CONSULTANT	NAME (PRINT)	INIT.	DATE



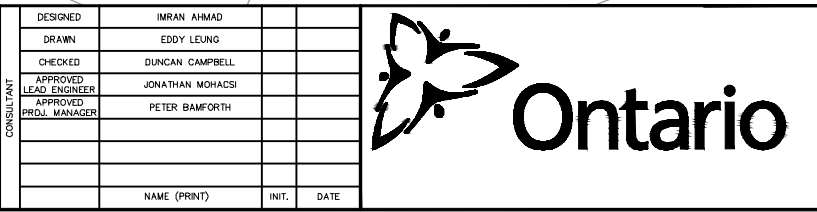
TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 12+930 TO STA. 13+300 SBL							
STA. 12+940 TO STA. 13+300 NBL							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0050	B



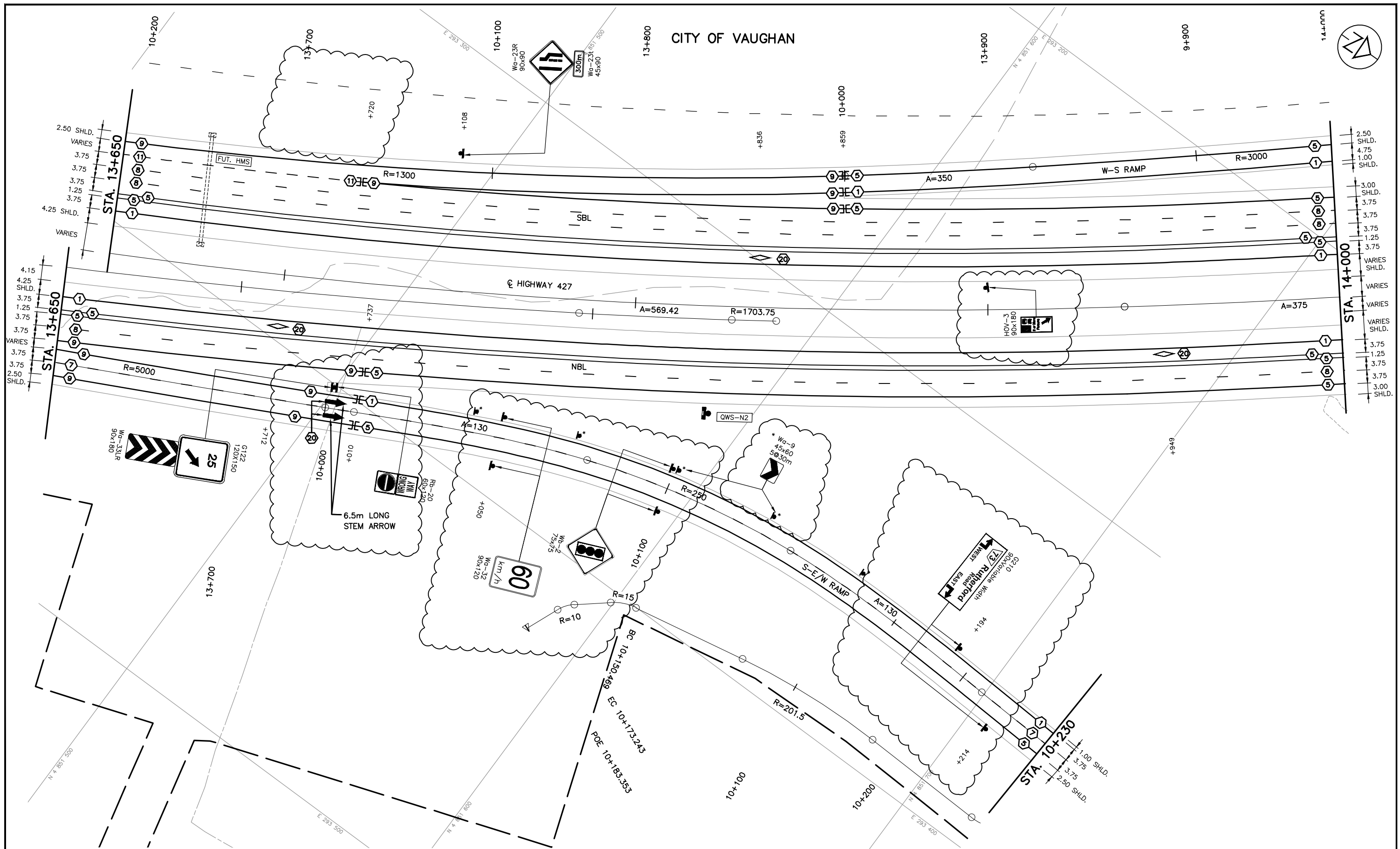
NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	MAN
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	EL.	D.C.	J.M.	P.B.	



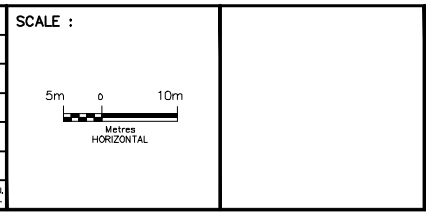
DESIGNED	IMRAN AHMAD	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 13+300 TO STA. 13+650							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0051	B



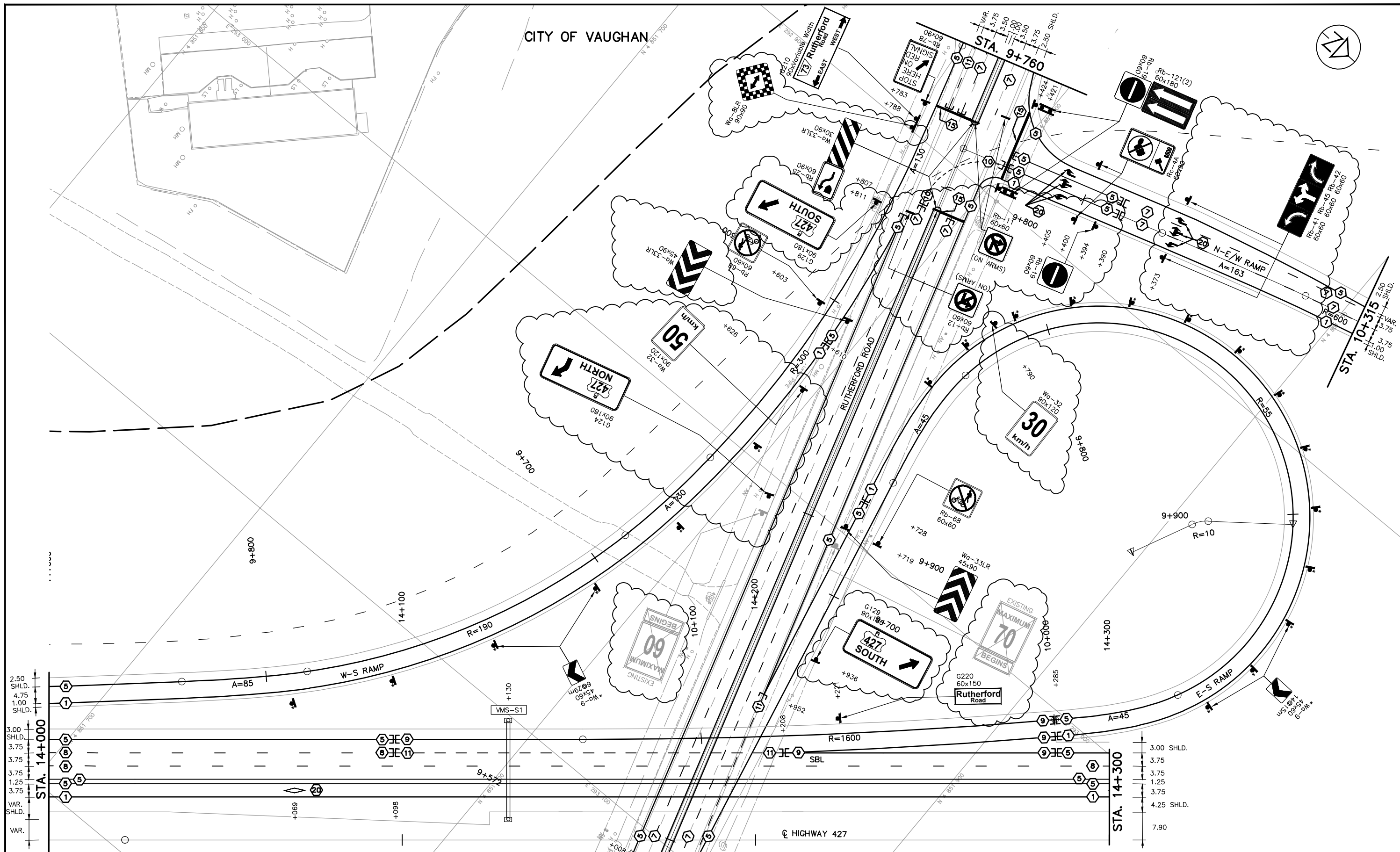
NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.	MAN.
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	EL.	D.C.	J.M.	P.B.	



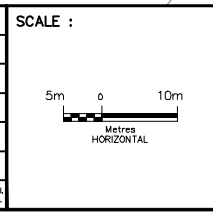
DESIGNED	IMRAN AHMAD		
DRAWN	EDDY LEUNG		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
CONSULTANT		NAME (PRINT)	INIT. DATE



TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 13+650 TO STA. 14+000							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0052	B



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	MAN
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	EL.	D.C.	J.M.	P.B.	

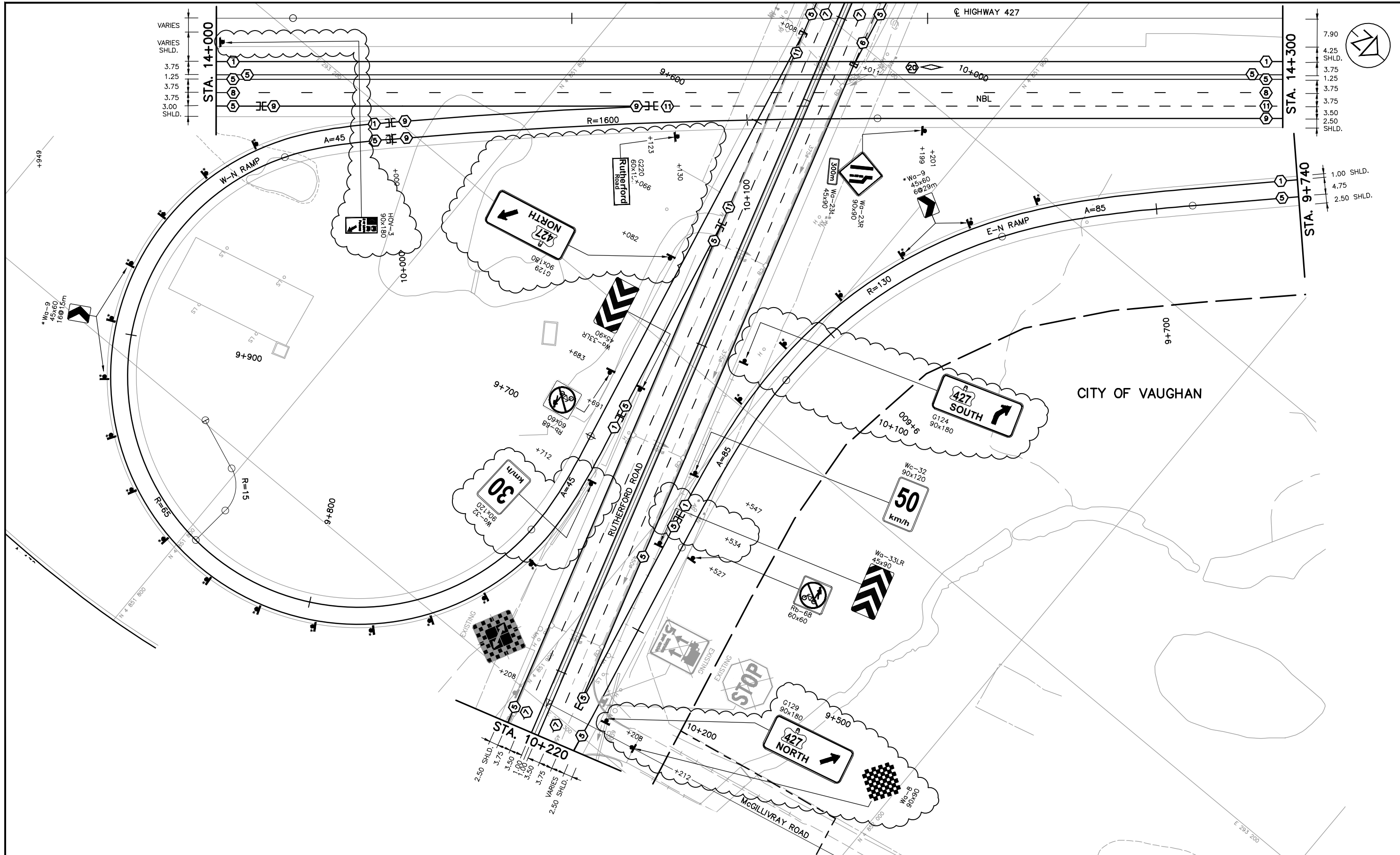


DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

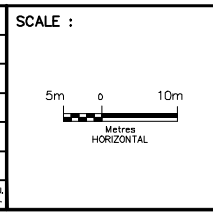
CONSULTANT	NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 14+000 TO STA. 14+300							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0053	B



NO.	DATE	BY	CHK	LEAD	PRCL	MAN	REVISIONS
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A	18/04/25						50% SUBMISSION TO CA

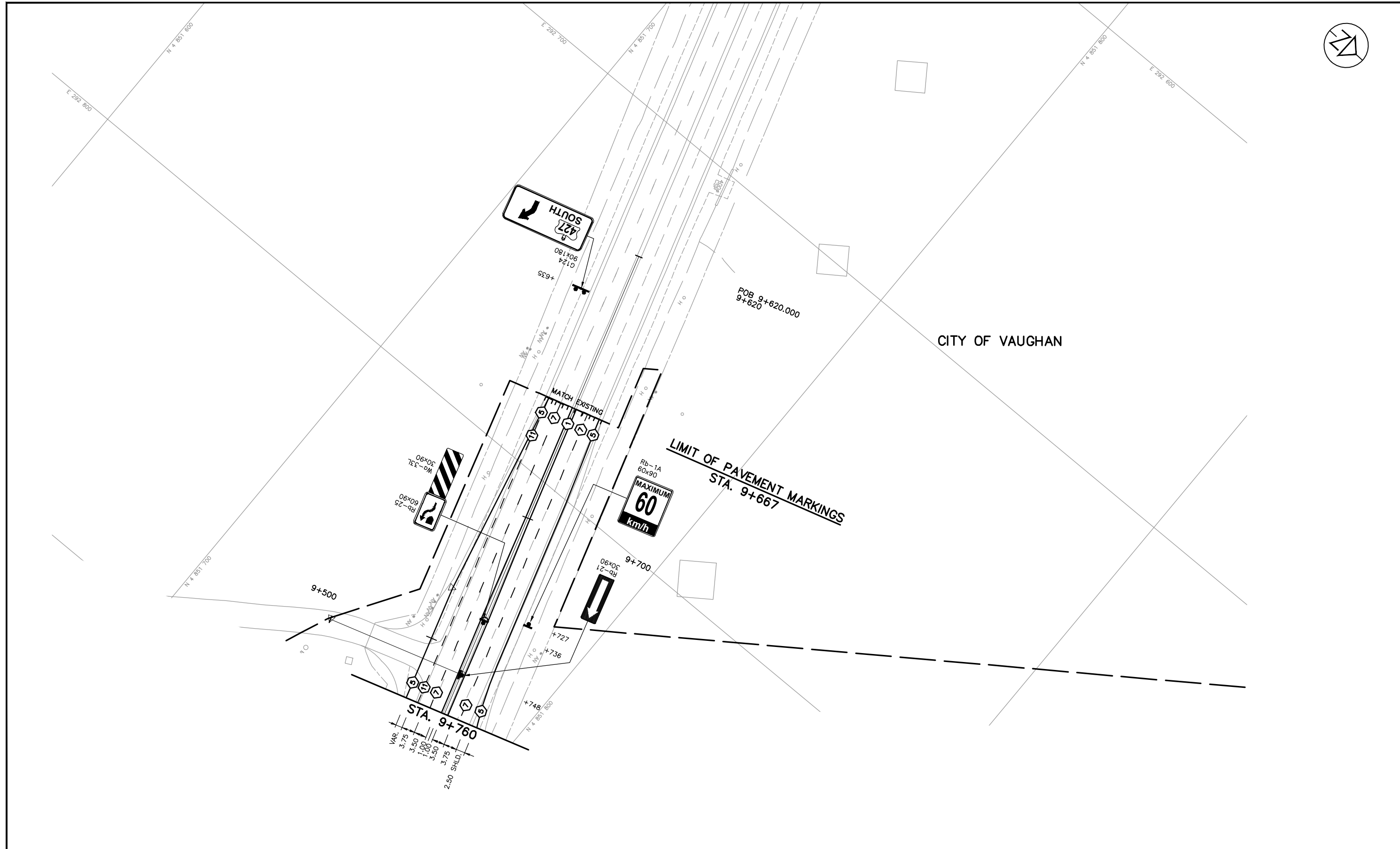


DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

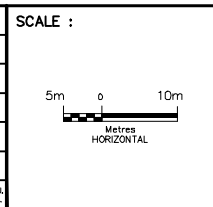
CONSULTANT					
NAME (PRINT)		INIT.		DATE	



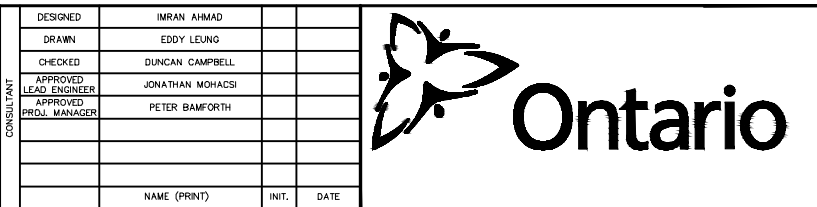
TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 14+000 TO STA. 14+300							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0054	B



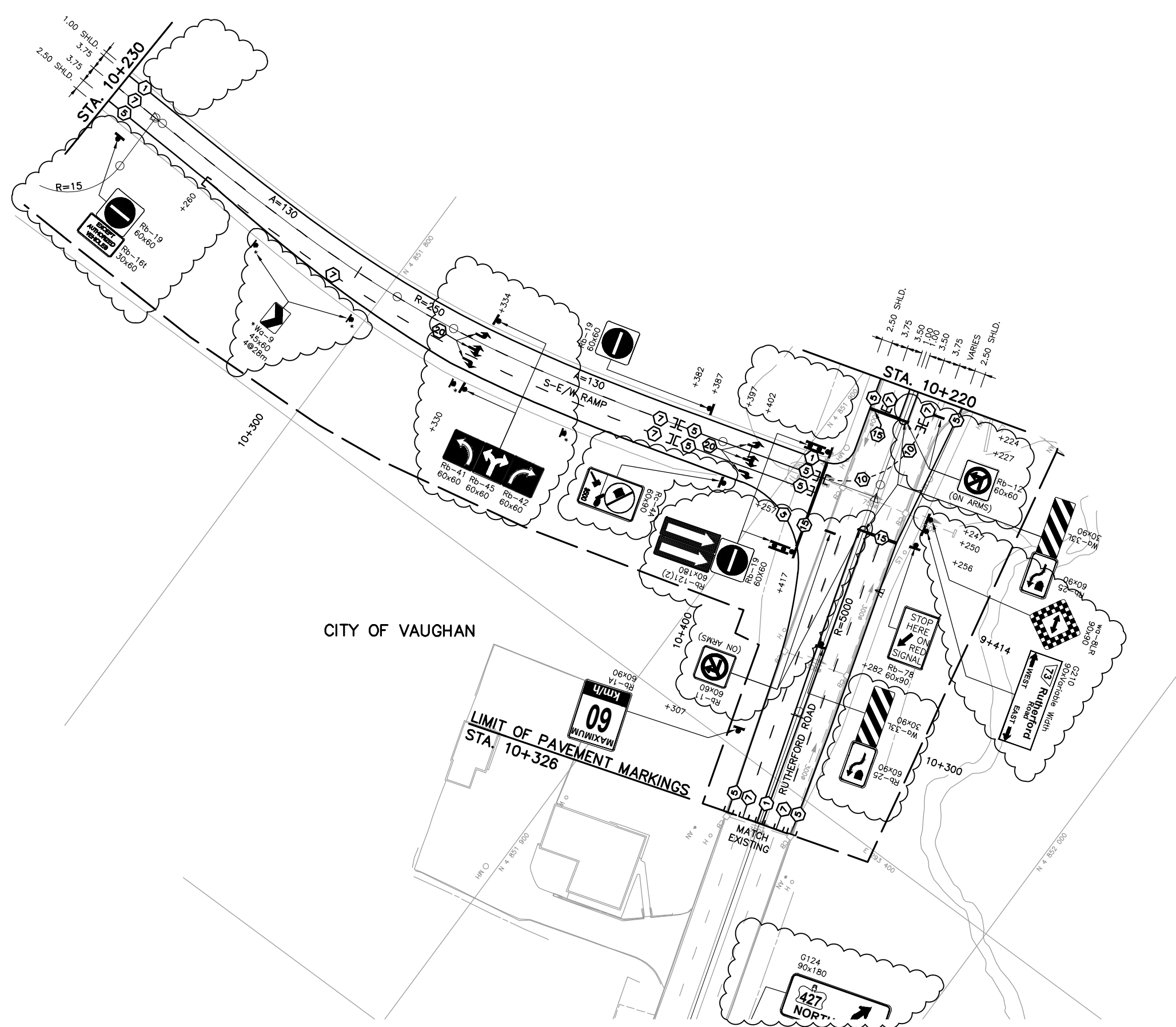
B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA	E.L.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS	BY	CHK	LEAD PISC	PROJ. MAN



DESIGNED	IMRAN AHMAD		
DRAWN	EDDY LEUNG		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
		NAME (PRINT)	INIT. DATE



TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 9+629 TO STA. 9+760							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0055	B

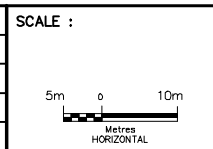


CITY OF VAUGHAN

LIMIT OF PAVEMENT MARKINGS
STA. 10+326

G124
90x180
427
NORTH

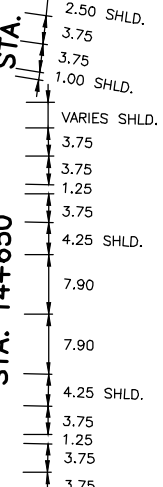
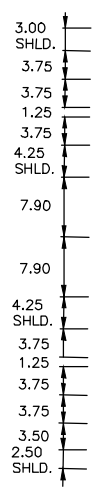
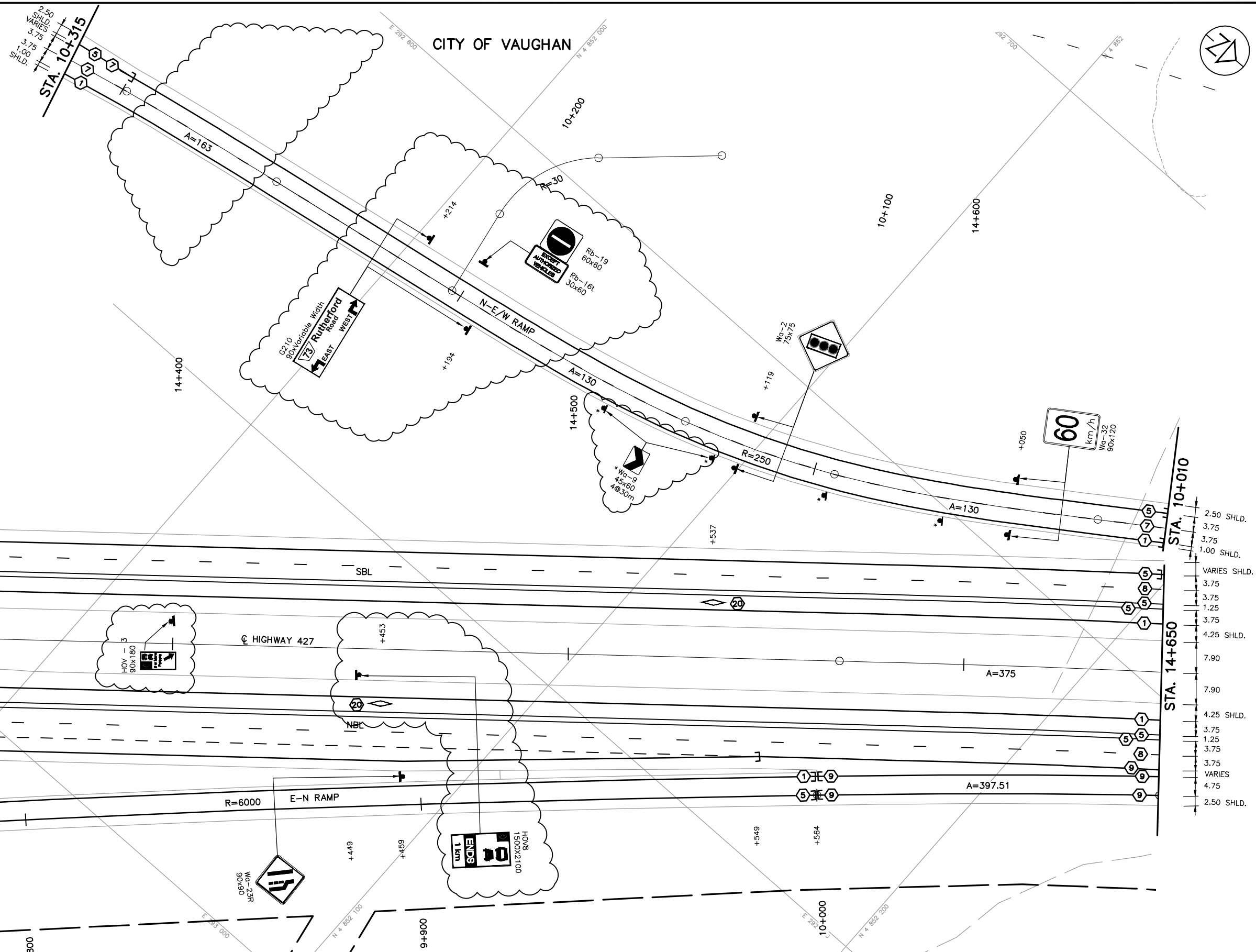
NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	MAN
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	EL.	D.C.	J.M.	P.B.	



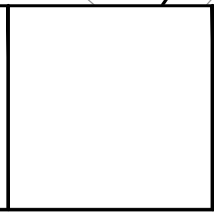
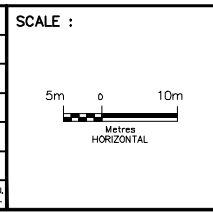
DESIGNED	IMRAN AHMAD		
DRAWN	EDDY LEUNG		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
		NAME (PRINT)	INIT. DATE



TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 10+220 TO STA. 10+326							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0056	B



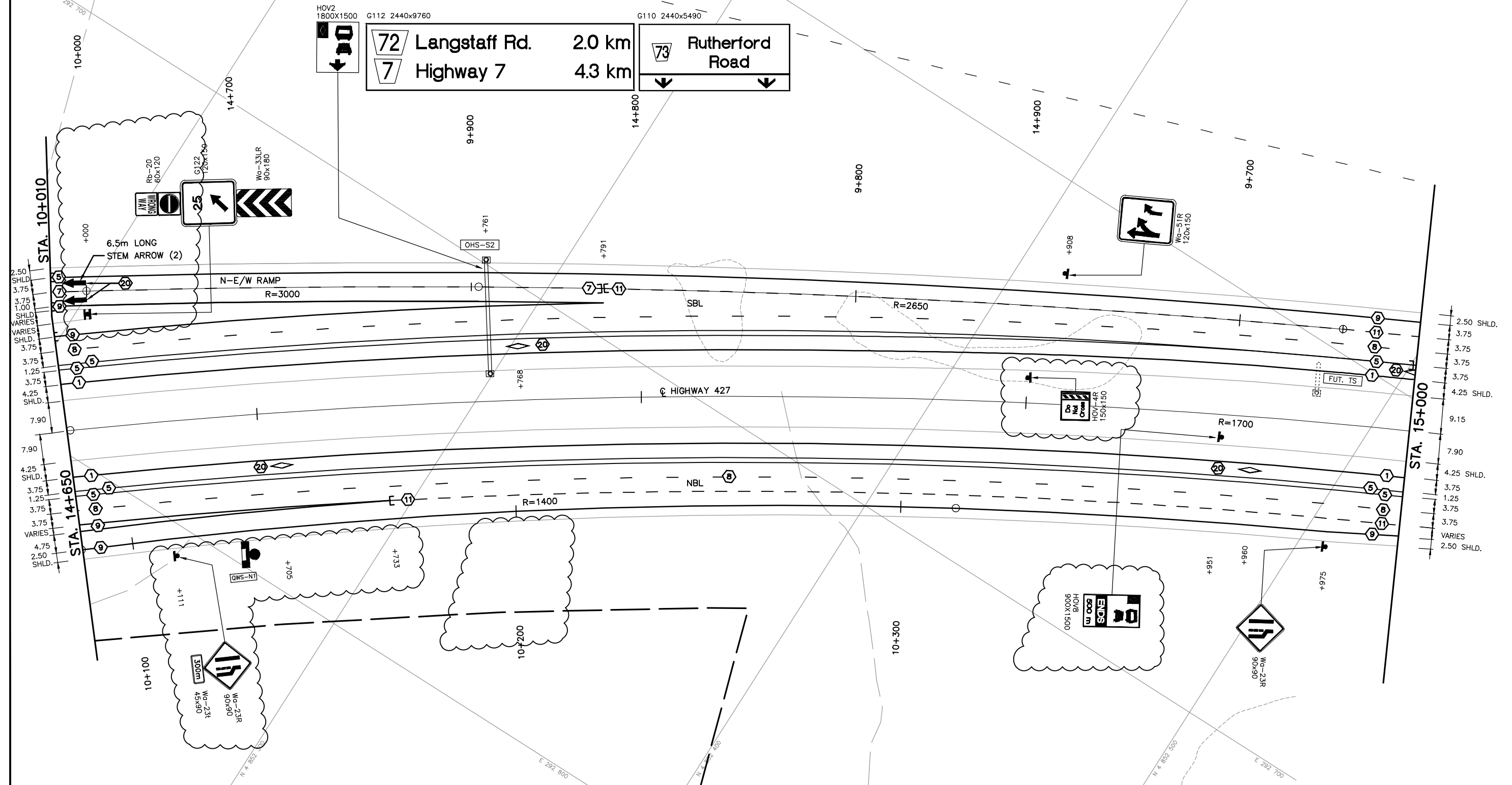
NO.	DATE	BY	CHK	LEAD	PRCL	MAN	REVISIONS
B	19/01/25						50% SUBMISSION TO CA
A	18/04/25						50% SUBMISSION TO CA



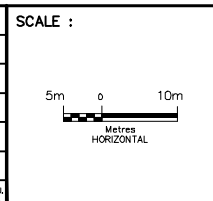
DESIGNED	IMRAN AHMAD	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PRCL. MANAGER	PETER BAMFORTH	
NAME (PRINT)	INIT.	DATE



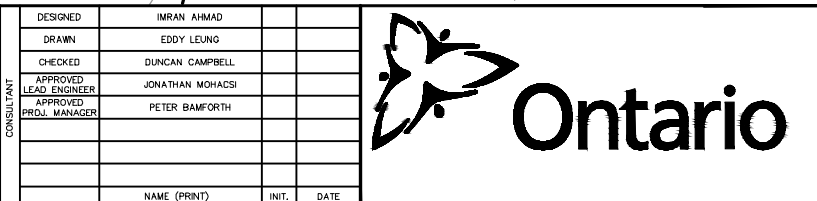
TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 14+300 TO STA. 14+650							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0057	B



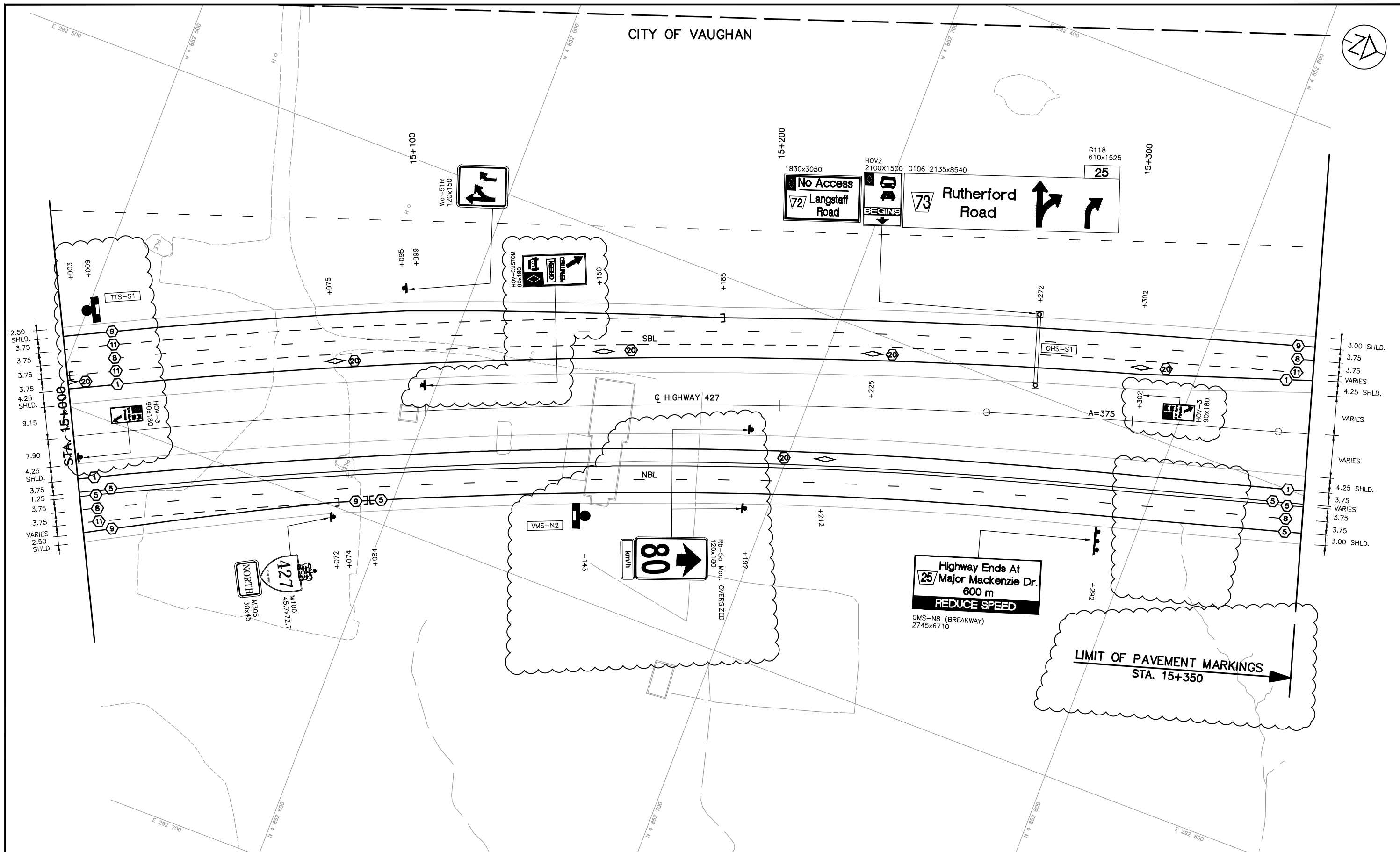
NO.	DATE	REVISIONS	BY	CHK	LEAD	PROJ.	MAN.
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	EL.	D.C.	J.M.	P.B.	



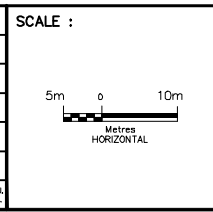
DESIGNED	IMRAN AHMAD	
DRAWN	EDDY LEUNG	
CHECKED	DUNCAN CAMPBELL	
APPROVED LEAD ENGINEER	JONATHAN MOHACSI	
APPROVED PROJ. MANAGER	PETER BAMFORTH	
CONSULTANT		
NAME (PRINT)	INIT.	DATE



TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 14+650 TO STA. 15+000							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0058	B



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL	MAN
B	19/01/25	50% SUBMISSION TO CA					
A	18/04/25	50% SUBMISSION TO CA	EL.	D.C.	J.M.	P.B.	



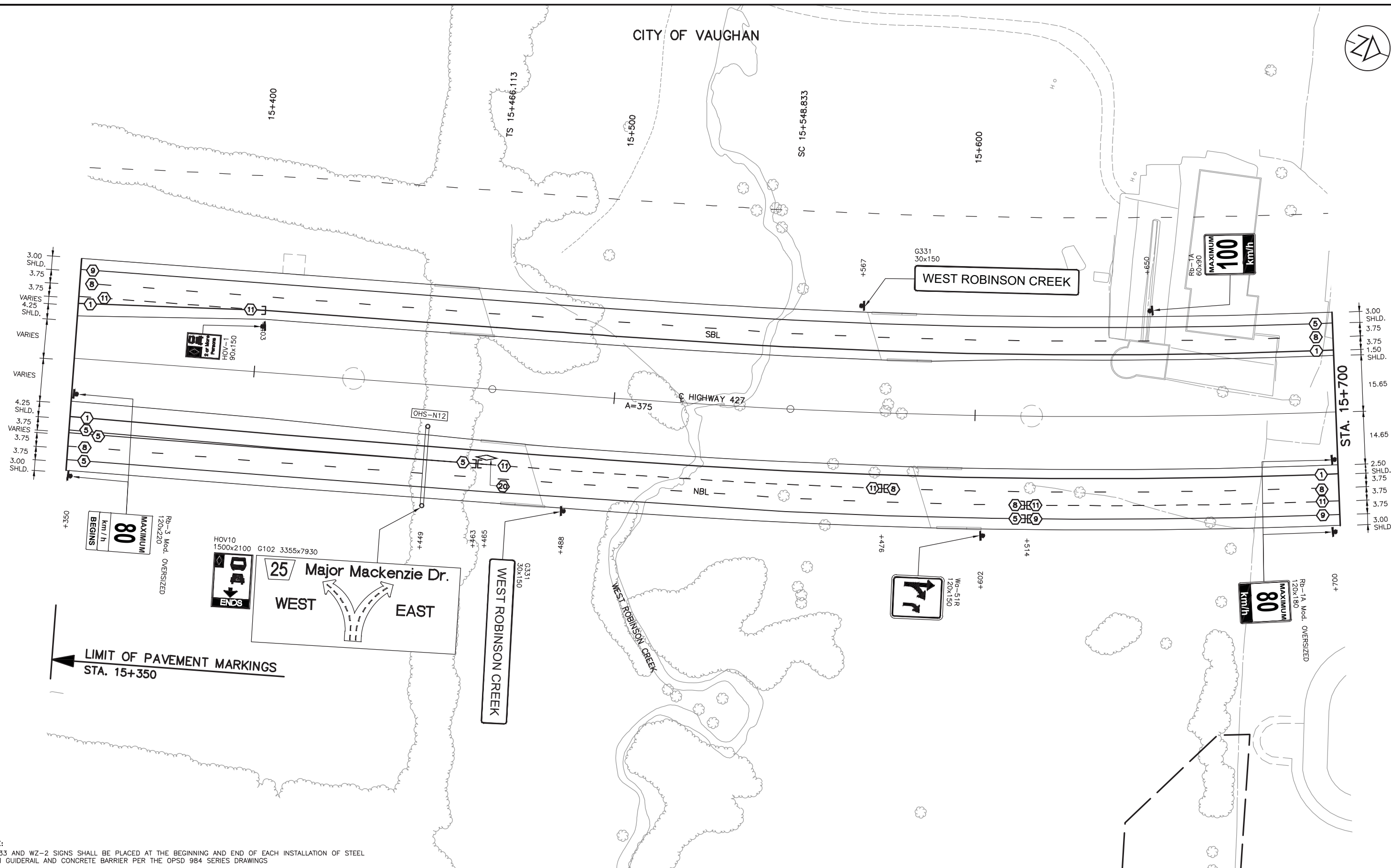
DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

CONSULTANT	NAME (PRINT)	INIT.	DATE



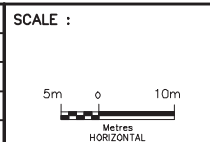
TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 15+000 TO STA. 15+350							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0059	B

CITY OF VAUGHAN



NOTE:
 WA-33 AND WZ-2 SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF EACH INSTALLATION OF STEEL BEAM GUIDERAIL AND CONCRETE BARRIER PER THE OPSD 984 SERIES DRAWINGS

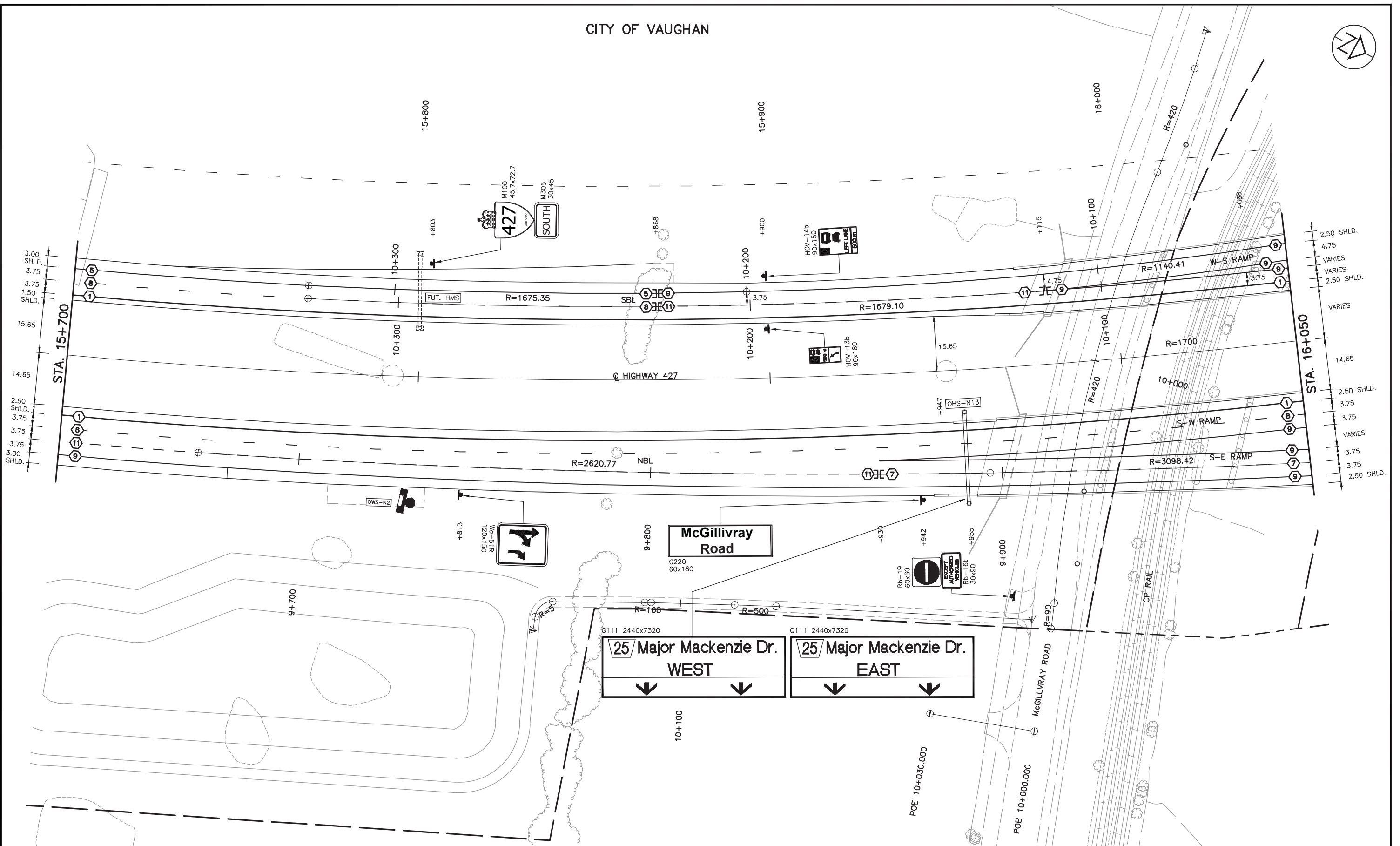
A	19/01/25		90% SUBMISSION TO CA		A.K.	D.C.
					J.M.	P.B.
NO.	DATE		REVISIONS	BY	CHK	LEAD DISC
						PROJ. MAN.



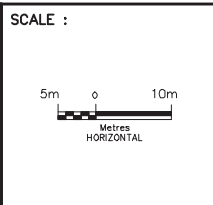
DESIGNED	Sharm Talagata	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mahacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
NAME (PRINT)		INT. DATE



TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING STA. 15+350 TO STA. 15+700						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0024
						REVISION NUMBER
						A



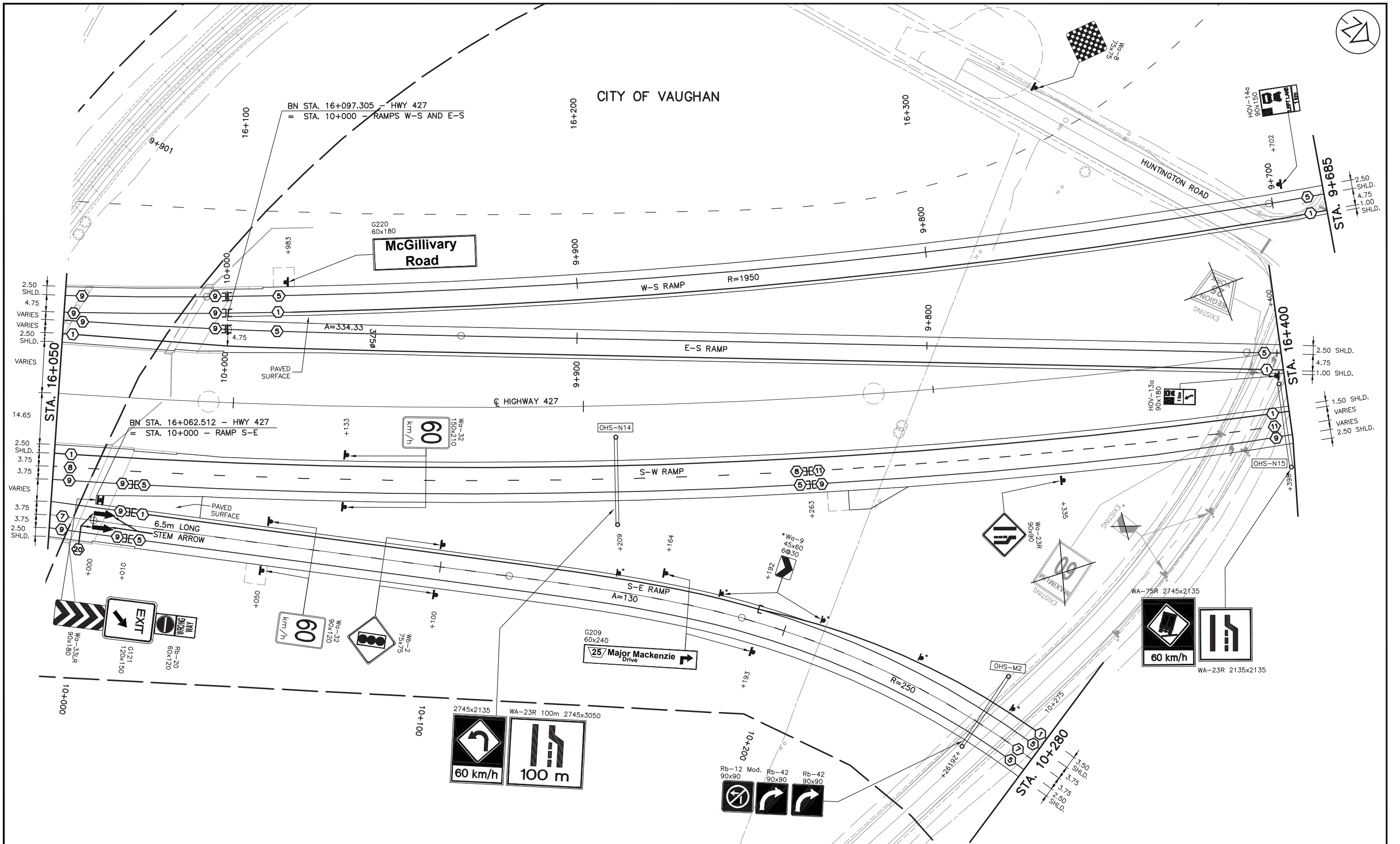
NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA				



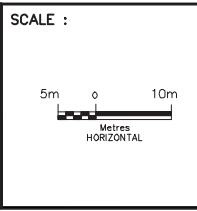
DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
NAME (PRINT)		INT. DATE



TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
STA. 15+700 TO STA. 16+050						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0025
						REVISION NUMBER
						A



NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA				



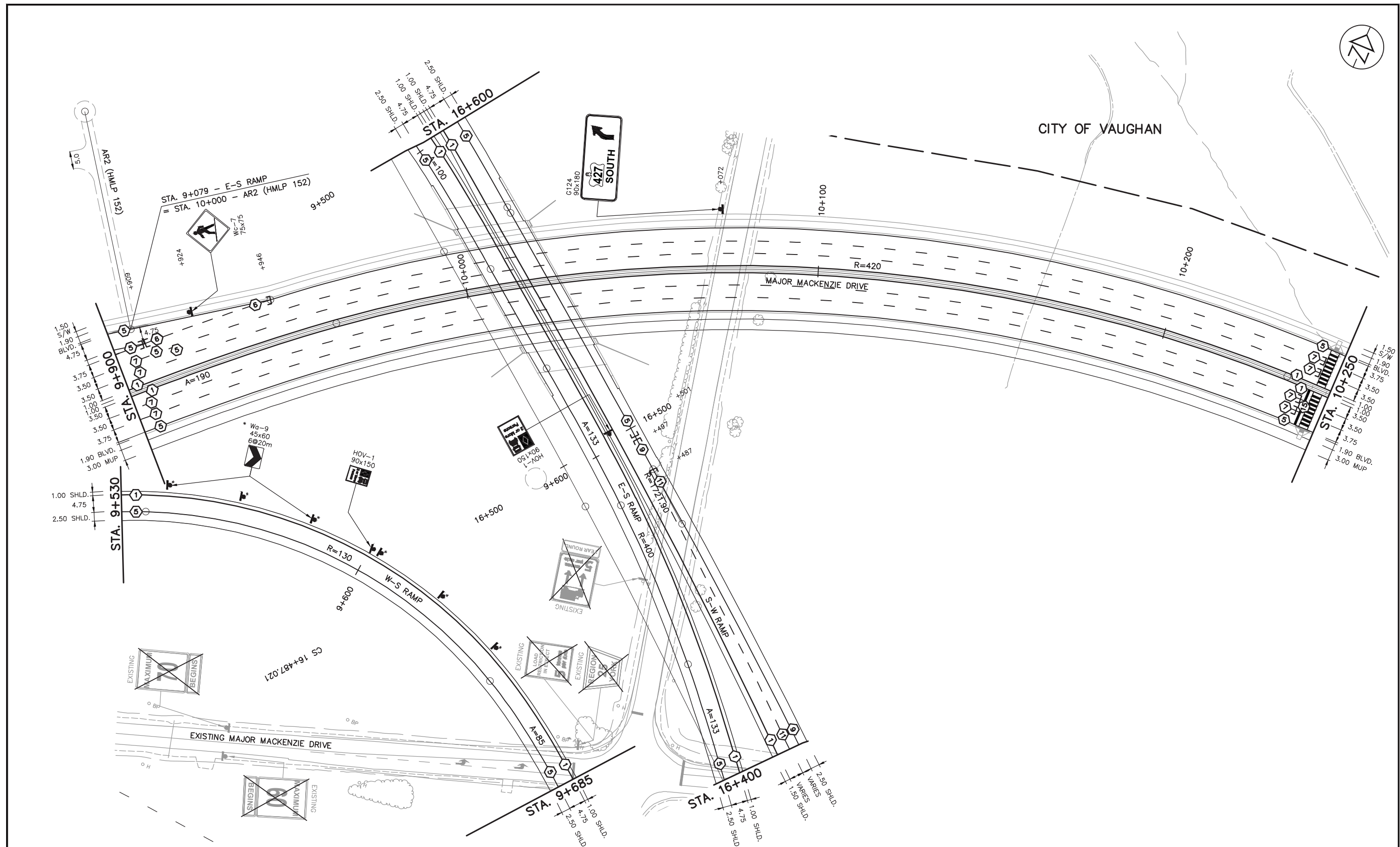
DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
NAME (PRINT)		INT. DATE



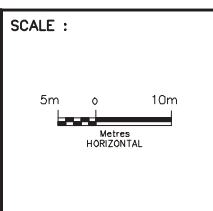
TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
STA. 16+050 TO STA. 16+400						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0026
						REVISION NUMBER
						A



CITY OF VAUGHAN



NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA				



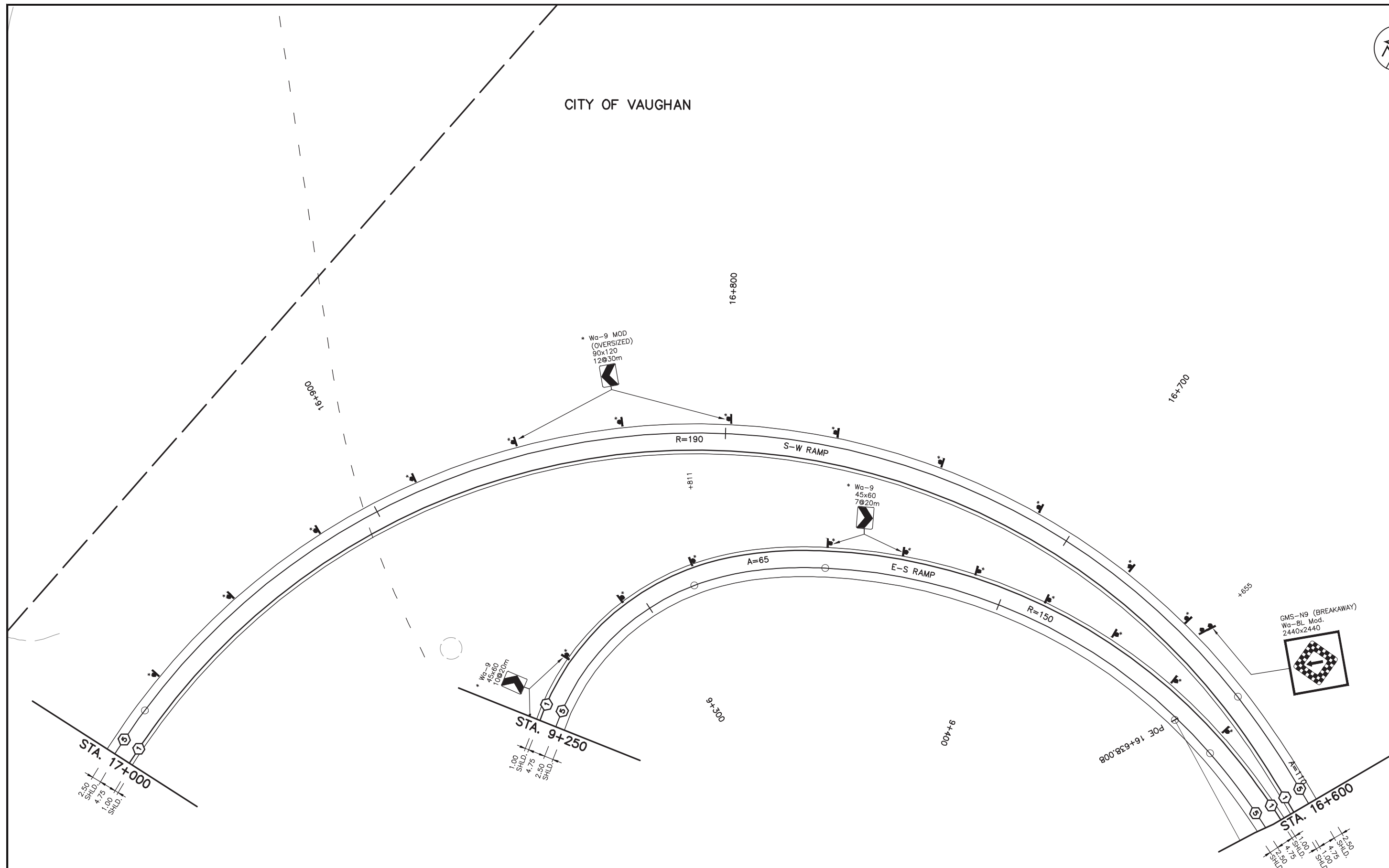
DESIGNED	Sharm Talagala
DRAWN	Arash Khaleghi
CHECKED	Duncan Campbell
APPROVED LEAD ENGINEER	Jonathan Mohacsi
APPROVED PROJ. MANAGER	Peter Bamforth
CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



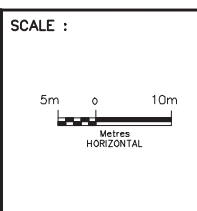
TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
STA. 9+900 TO STA. 10+250						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0027
						REVISION NUMBER
						A



CITY OF VAUGHAN



A		19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS		BY	CHK	LEAD DISC	PROJ. MAN.

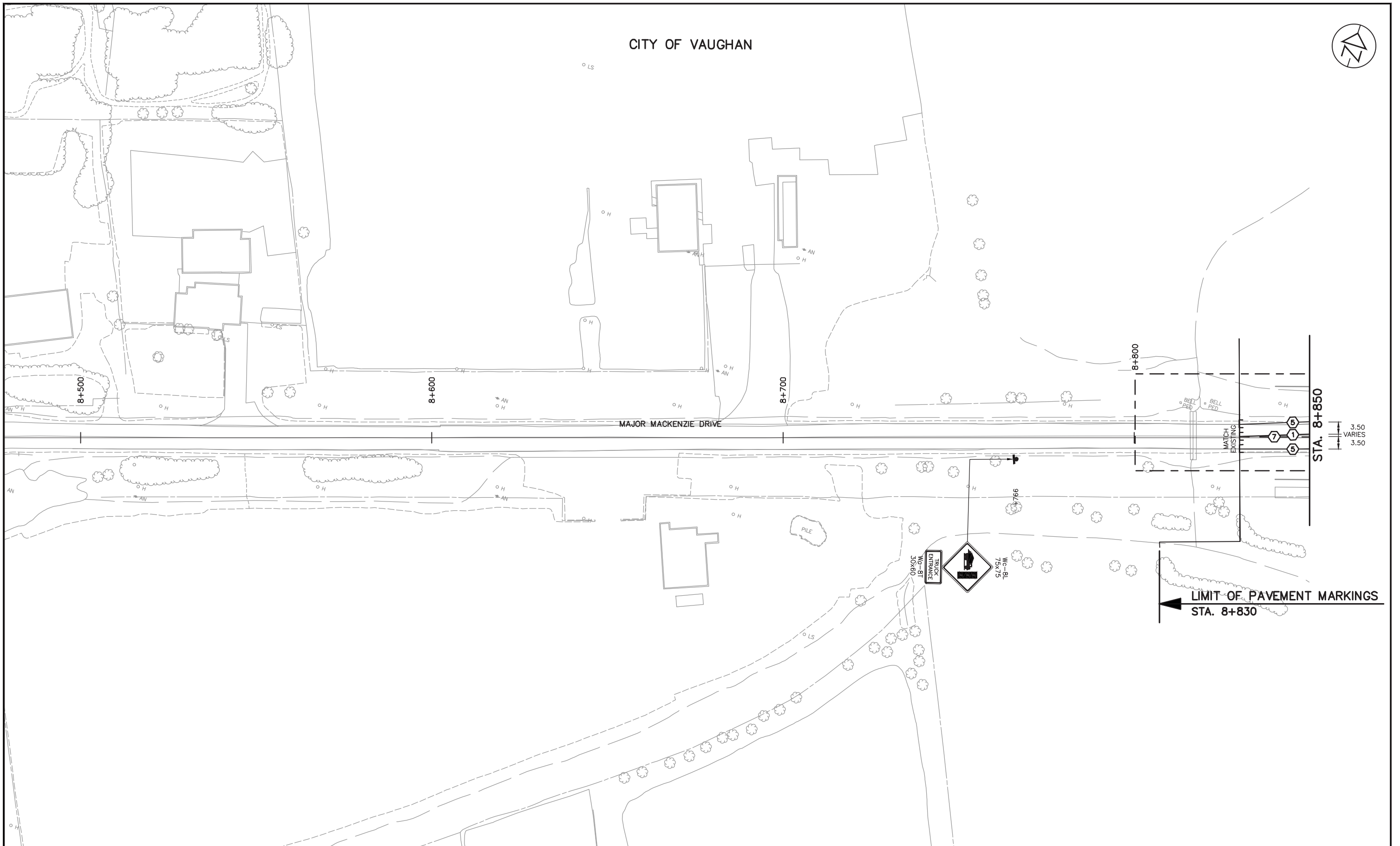


DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
CONSULTANT		
	NAME (PRINT)	INT. DATE

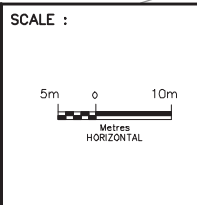


TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 16+600 TO STA. 17+000							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0028	A

CITY OF VAUGHAN



A		19/01/25	90% SUBMISSION TO CA		A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS		BY	CHK	LEAD DISC	PROJ MAN.	



CONSULTANT	DESIGNED	Sharm Talagala		
	DRAWN	Arash Khaleghi		
	CHECKED	Duncan Campbell		
	APPROVED LEAD ENGINEER	Jonathan Mohacsi		
	APPROVED PROJ. MANAGER	Peter Bamforth		
	NAME (PRINT)	INT.	DATE	

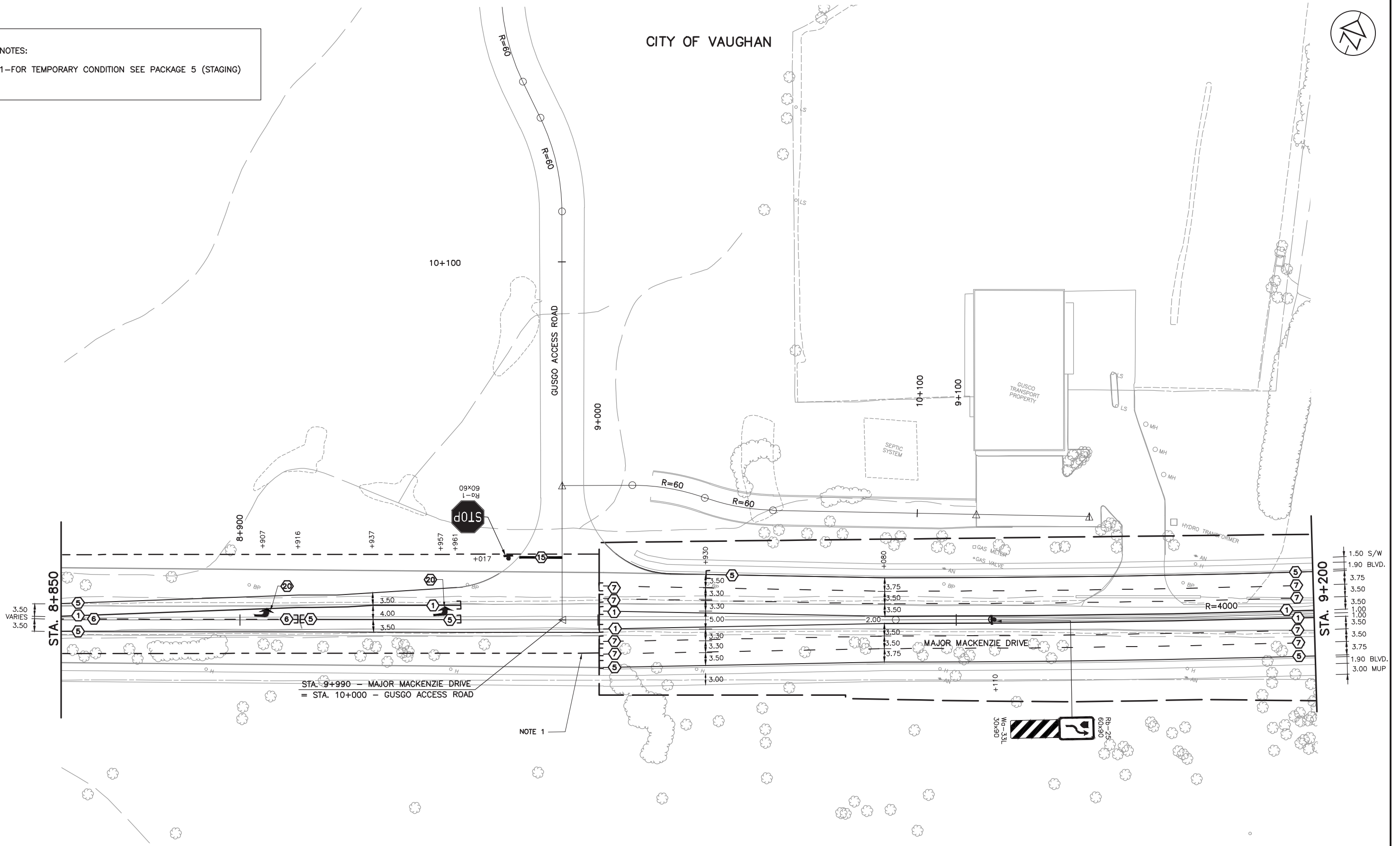


TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 8+830 TO STA. 8+850							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0029	A

NOTES:
1-FOR TEMPORARY CONDITION SEE PACKAGE 5 (STAGING)



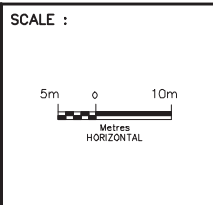
CITY OF VAUGHAN



STA. 9+990 - MAJOR MACKENZIE DRIVE
= STA. 10+000 - GUSGO ACCESS ROAD

NOTE 1

A	19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.

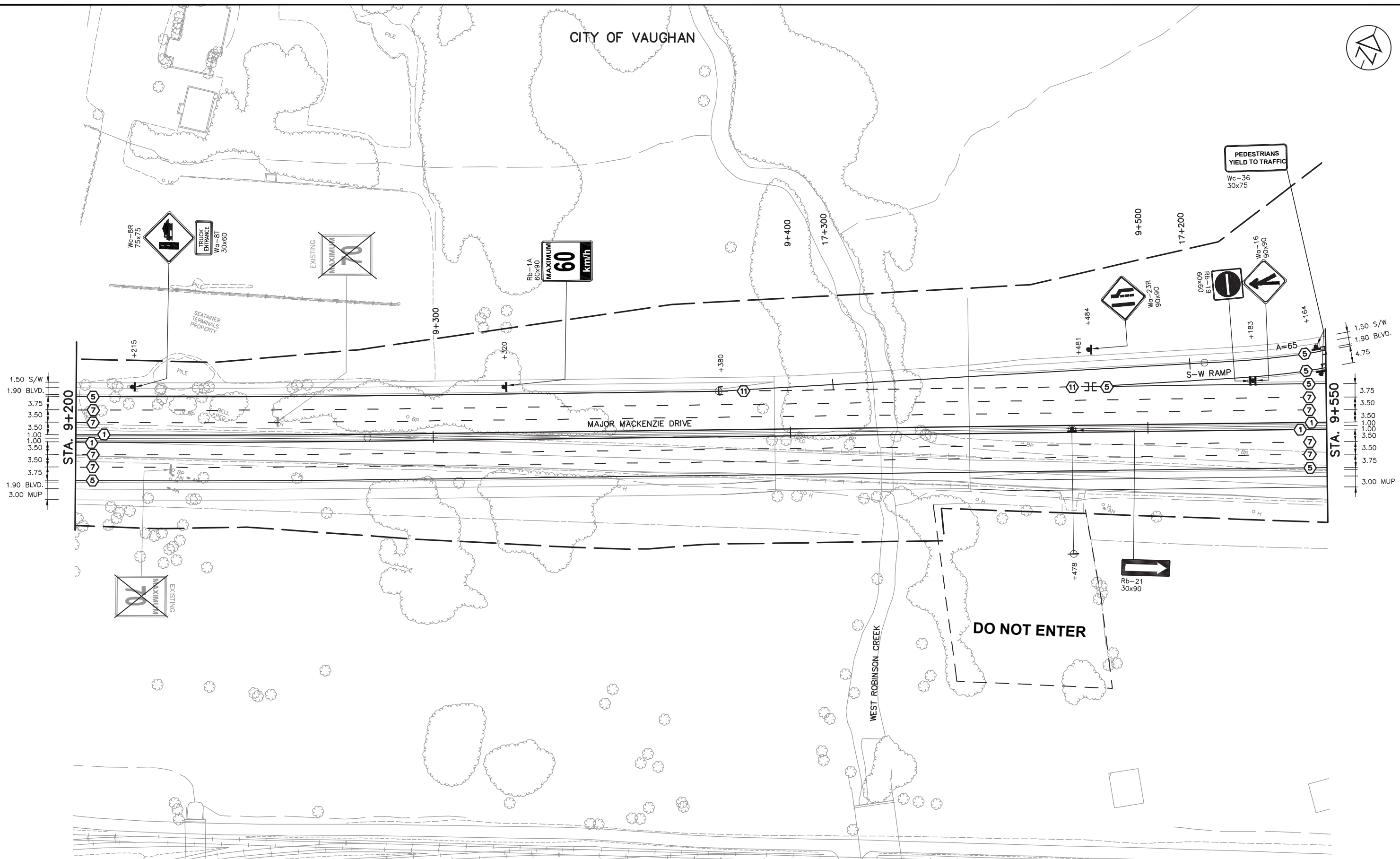


DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
NAME (PRINT)		INT. DATE



TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
STA. 8+850 TO STA. 9+200						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0030
						REVISION NUMBER
						A

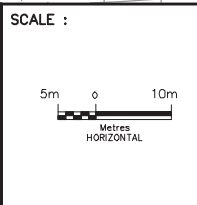
CITY OF VAUGHAN



1.50 S/W
1.90 BLVD.
3.75
3.50
1.00
3.50
3.75
1.90 BLVD.
3.00 MUP

1.50 S/W
1.90 BLVD.
4.75
3.75
3.50
1.00
3.50
3.75
3.00 MUP

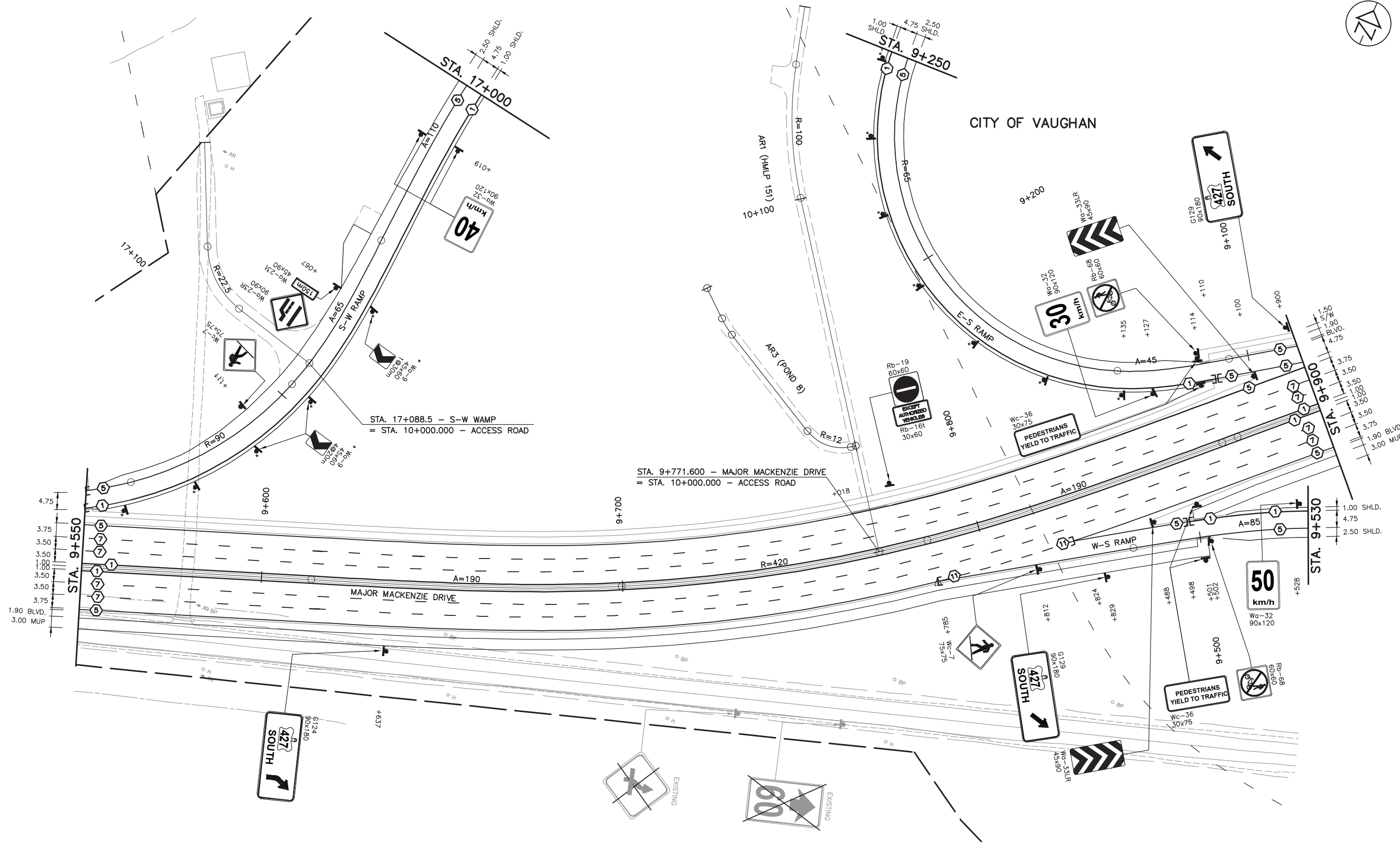
NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.



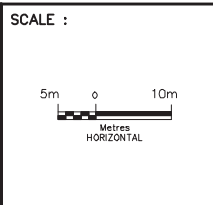
DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
NAME (PRINT)		INT. DATE



TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
STA. 9+200 TO STA. 9+550						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0031
						REVISION NUMBER
						A



NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA				

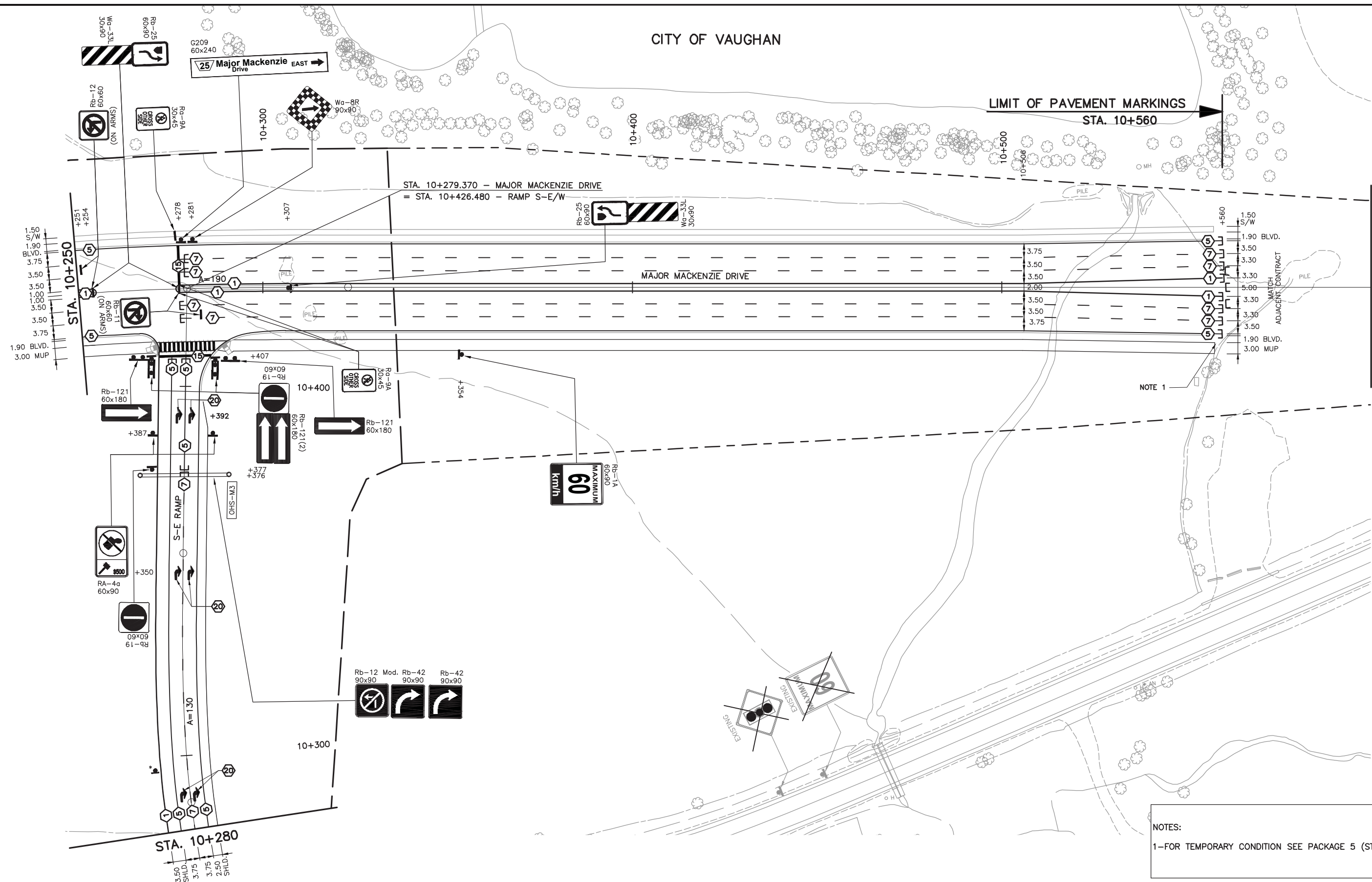


DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
NAME (PRINT)		INT. DATE



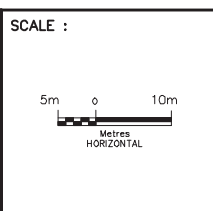
TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
STA. 9+550 TO STA. 9+900						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0032
						REVISION NUMBER
						A

CITY OF VAUGHAN



NOTES:
1-FOR TEMPORARY CONDITION SEE PACKAGE 5 (STAGING)

NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA				



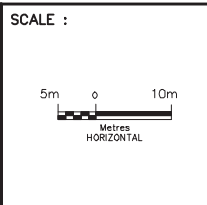
DESIGNED	Sharm Talagala	
DRAWN	Arash Khaleghi	
CHECKED	Duncan Campbell	
APPROVED LEAD ENGINEER	Jonathan Mohacsi	
APPROVED PROJ. MANAGER	Peter Bamforth	
CONSULTANT		
NAME (PRINT)		INT. DATE



TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
STA. 10+250 TO STA. 10+600						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0033
						REVISION NUMBER
						A



A	19/01/25	90% SUBMISSION TO CA			A.K.	D.C.	J.M.	P.B.
NO.	DATE	REVISIONS			BY	CHK	LEAD	PROJ



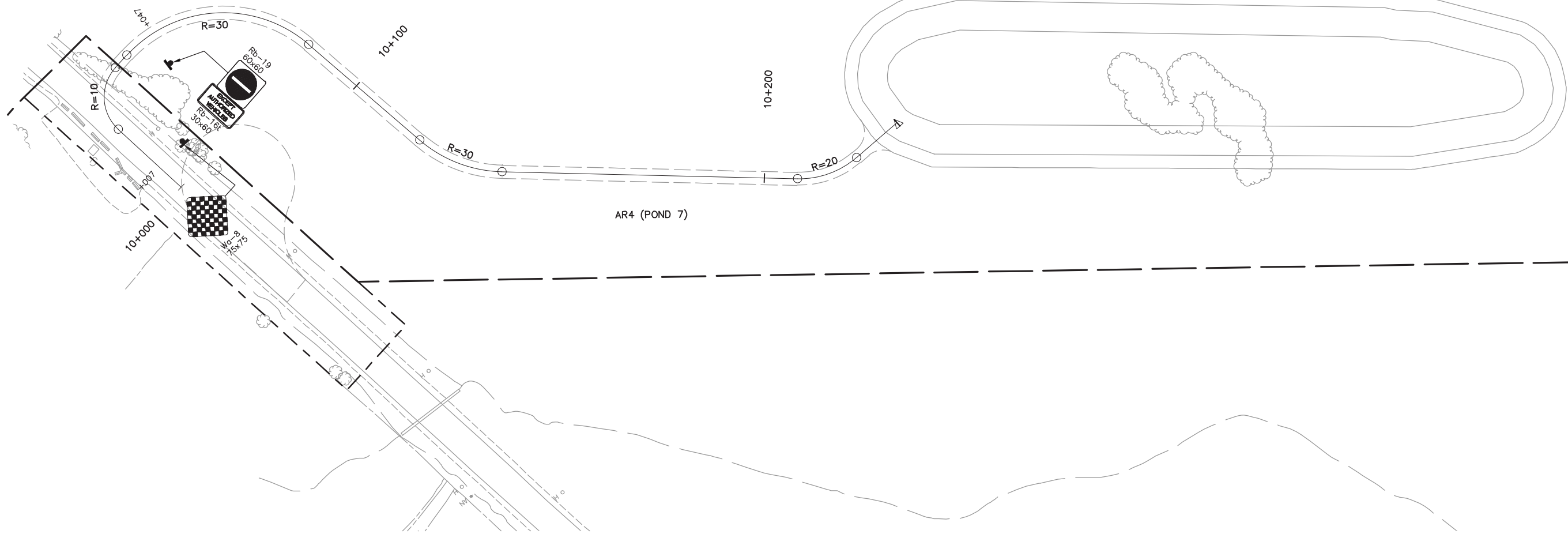
CONSULTANT	DESIGNED	Sharm Talagala		
	DRAWN	Arash Khaleghi		
	CHECKED	Duncan Campbell		
	APPROVED LEAD ENGINEER	Jonathan Mahacsi		
	APPROVED PROJ. MANAGER	Peter Bamforth		
	NAME (PRINT)		INT.	DATE



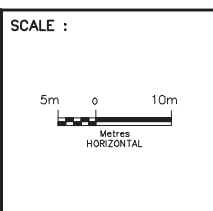
TITLE							
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 10+600 TO STA. 10+870							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0034	A



CITY OF VAUGHAN



NO.	DATE	REVISIONS	BY	CHK	LEAD DISC	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA	A.K.	D.C.	J.M.	P.B.



CONSULTANT	DESIGNED	Sharm Talagala	INT.	DATE
	DRAWN	Arash Khaleghi		
	CHECKED	Duncan Campbell		
	APPROVED LEAD ENGINEER	Jonathan Mohacsi		
	APPROVED PROJ. MANAGER	Peter Bamforth		

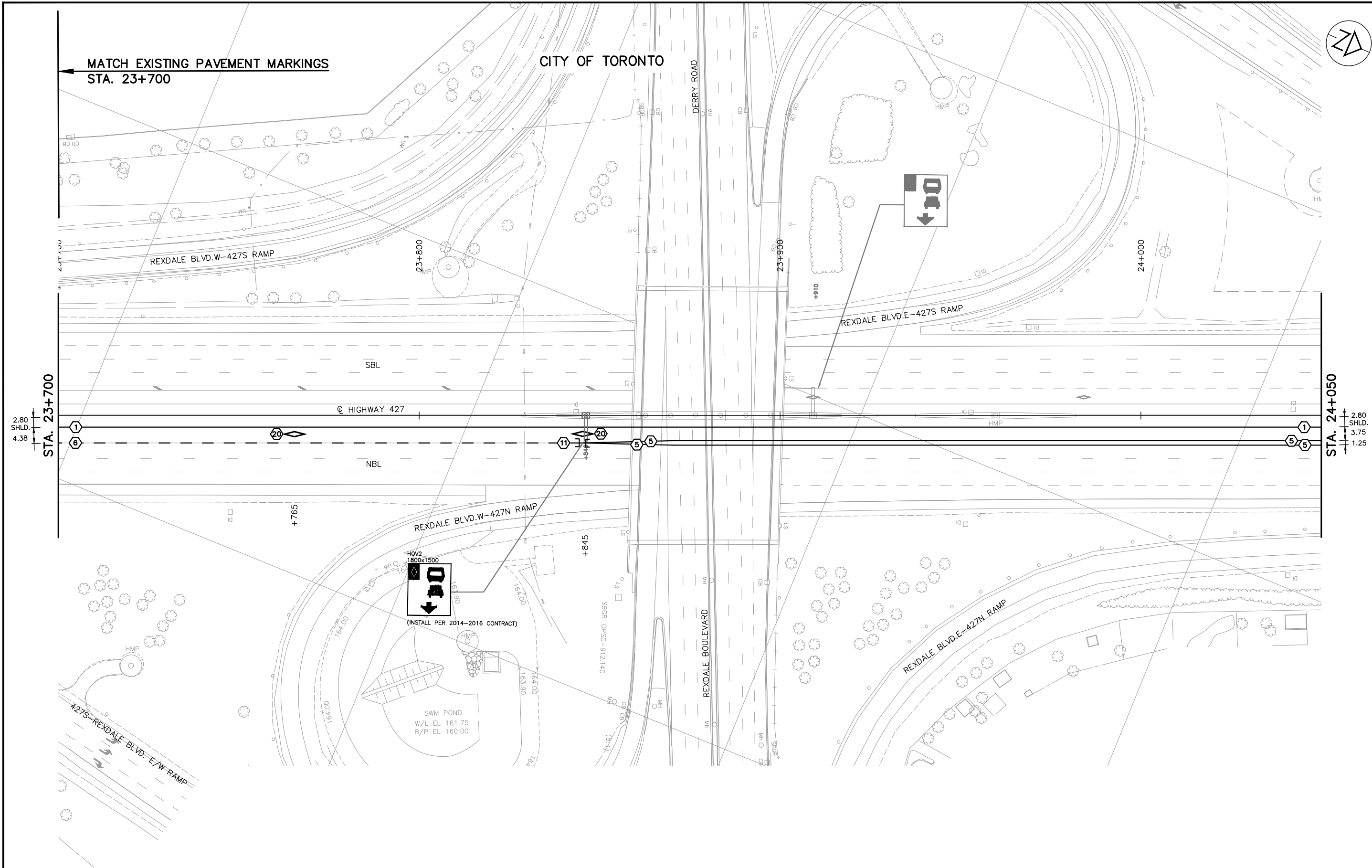


TITLE						
HWY 427 EXPANSION						
PAVEMENT MARKINGS AND SIGNING						
POND 7 AREA						
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER
H427-D	N	8	HWY	000	DWG	0035
						A



MATCH EXISTING PAVEMENT MARKINGS
STA. 23+700

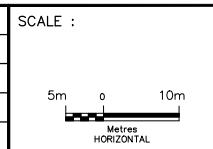
CITY OF TORONTO



2.80 SHLD.
4.38
STA. 23+700

2.80 SHLD.
3.75
1.25
STA. 24+050

A		18/06/08	50% SUBMISSION TO CA						
NO.	DATE		REVISIONS	BY	CHK	LEAD. ENG.	PROJ. MAN.		



DESIGNED	MICHAEL ETINGEN		
DRAWN	GAUTHAM KARRI		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
	NAME (PRINT)	INIT.	DATE



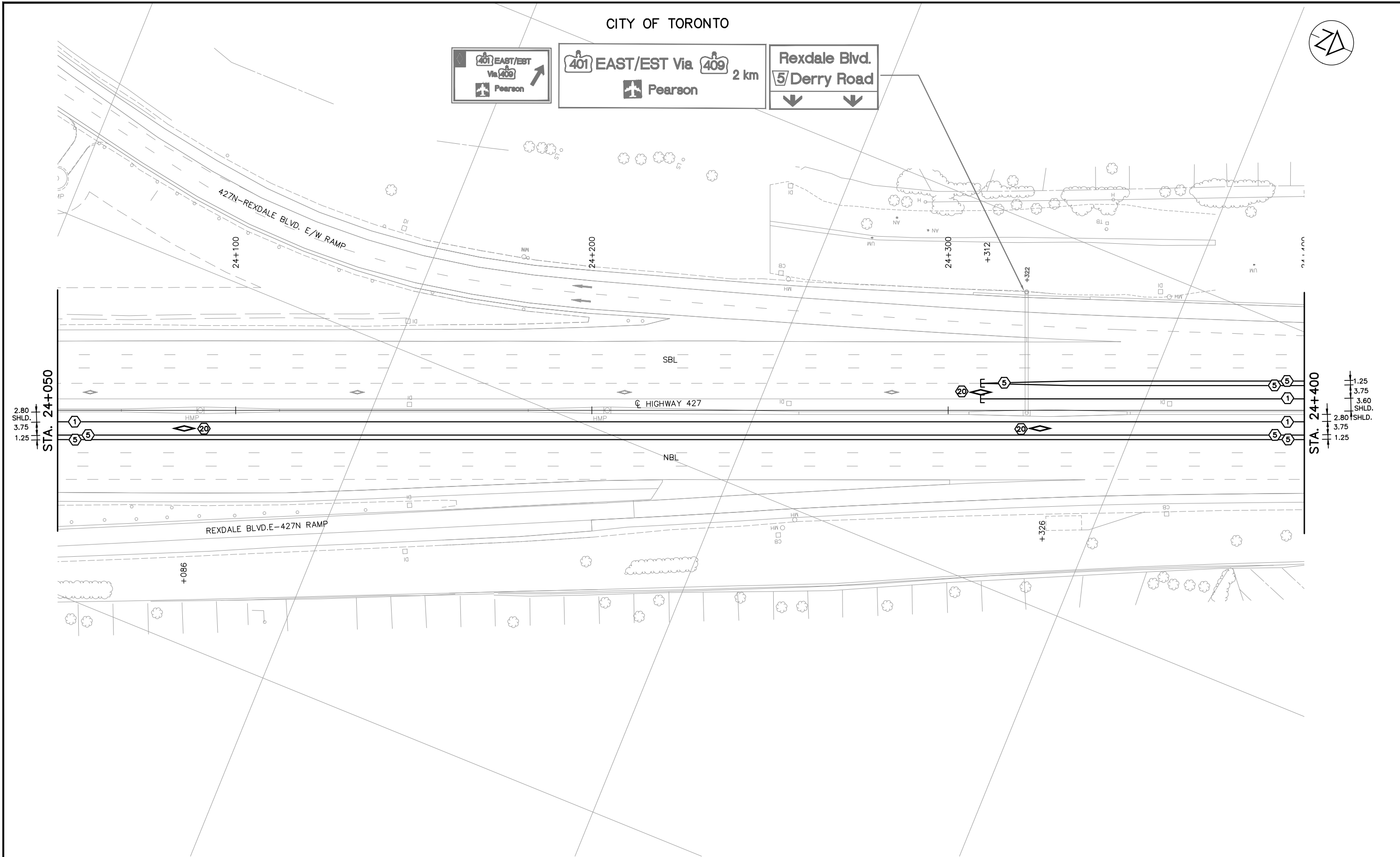
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING STA. 23+700 TO STA. 24+050							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0012	A

CITY OF TORONTO

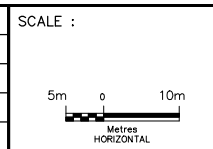


401 EAST/EST Via 409
2 km
Pearson

Rexdale Blvd.
5 Derry Road



NO.	DATE	REVISIONS	BY	CHK	LEAD. DISC.	PROJ. MAN.
A	18/06/08	50% SUBMISSION TO CA				



	DESIGNED	MICHAEL ETINGEN		
	DRAWN	GAUTHAM KARRI		
	CHECKED	DUNCAN CAMPBELL		
	APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
	APPROVED PROJ. MANAGER	PETER BAMFORTH		

	NAME (PRINT)	INIT.	DATE



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 24+050 TO STA. 24+400							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0013	A

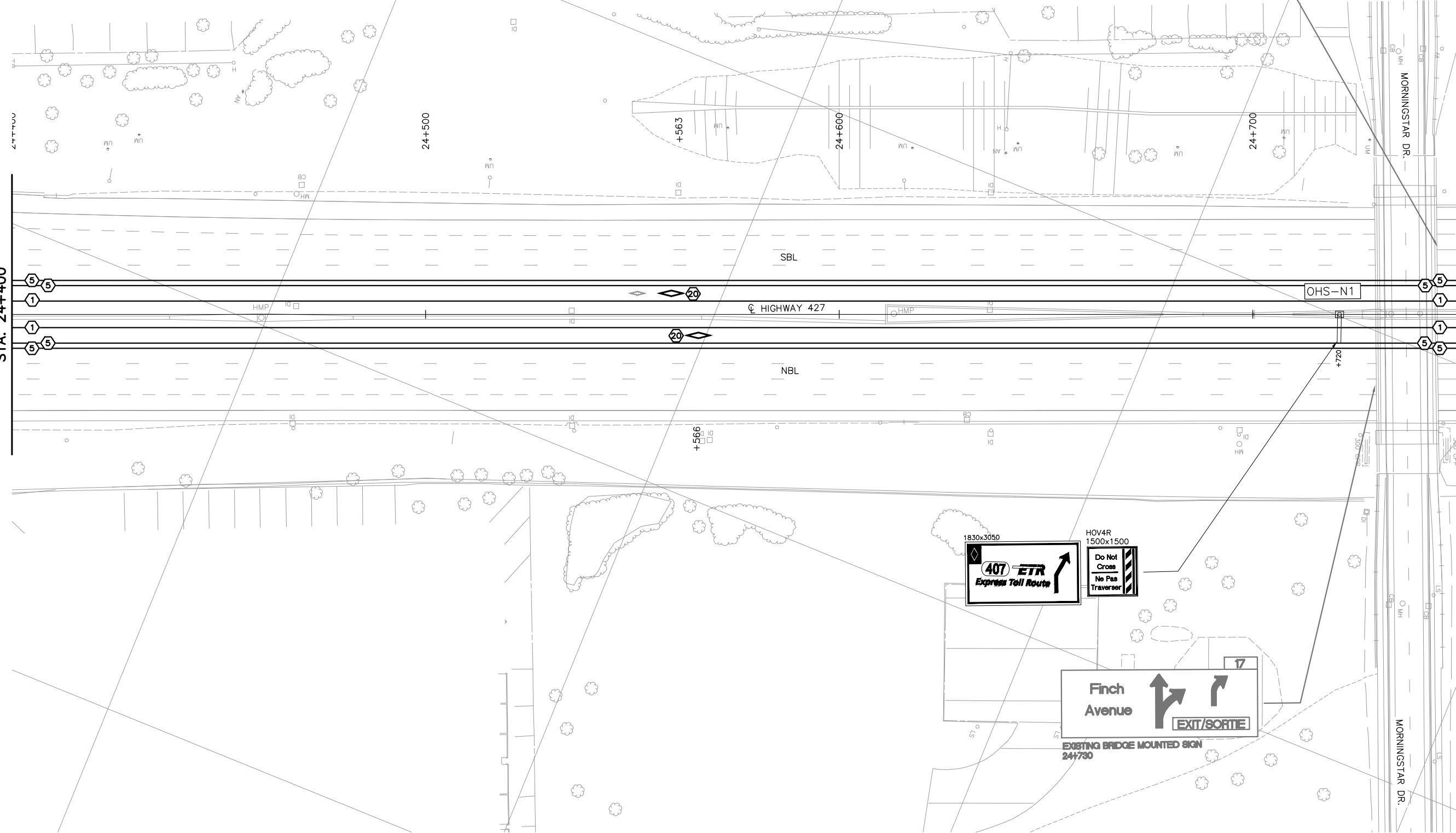
CITY OF TORONTO



15
Rexdale Blvd.
5 Derry Road
EXIT/SORTIE
 EXISTING BRIDGE MOUNTED SIGN
 244745

1830x3050
407 ETR
 Express Toll Route
 HOV4R
 1500x1500
 Do Not Cross
 No Pas Traverser

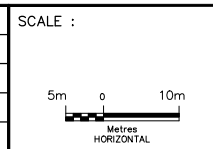
17
Finch Avenue
EXIT/SORTIE
 EXISTING BRIDGE MOUNTED SIGN
 244730



1.25
 3.75
 2.80 SHLD.
 3.60 SHLD.
 3.75
 1.25
STA. 24+400

1.25
 3.75
 2.00 SHLD.
 2.80 SHLD.
 3.75
 1.25
STA. 24+750

NO.	DATE	REVISIONS	BY	CHK	LEAD. DISC.	PROJ. MAN.
A	18/06/08	50% SUBMISSION TO CA				



DESIGNED	MICHAEL ETINGEN		
DRAWN	GAUTHAM KARRI		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
CONSULTANT			
	NAME (PRINT)	INIT.	DATE



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 24+400 TO STA. 24+750							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0014	A

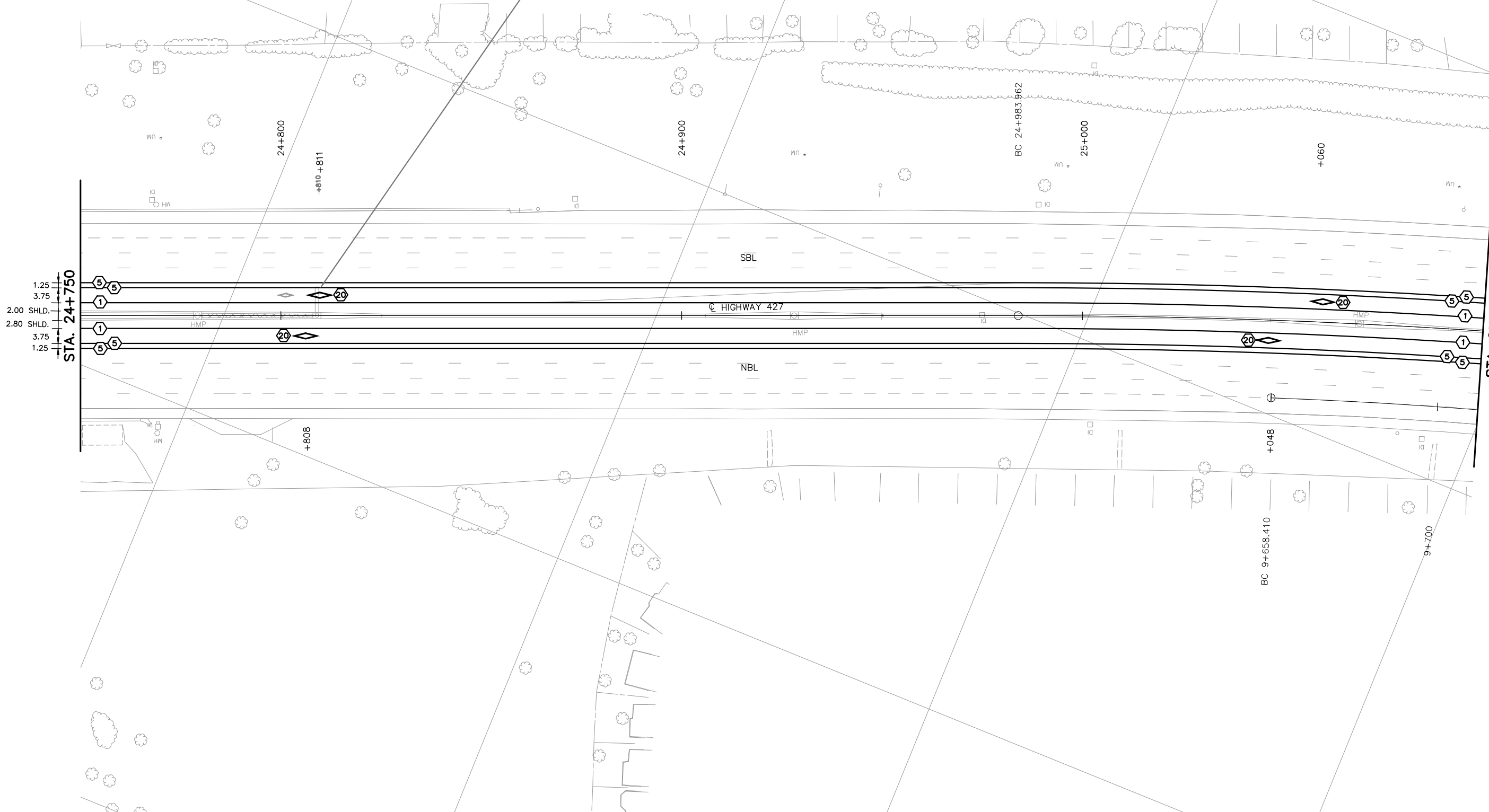


CITY OF TORONTO

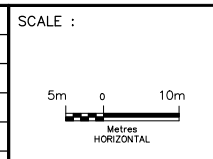
2135x3660

HOV4R 1500x1500

REMOVE



NO.	DATE	REVISIONS	BY	CHK	LEAD. DISC.	PROJ. MAN.
A	18/06/08	50% SUBMISSION TO CA				



DESIGNED	MICHAEL ETINGEN		
DRAWN	GAUTHAM KARRI		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
CONSULTANT		NAME (PRINT)	INIT. DATE



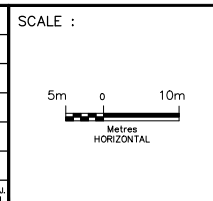
HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING STA. 24+750 TO STA. 25+100							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0015	A



CITY OF TORONTO



NO.	DATE	REVISIONS	BY	CHK	LEAD. DISC.	PROJ. MAN.
A	18/06/08	50% SUBMISSION TO CA				

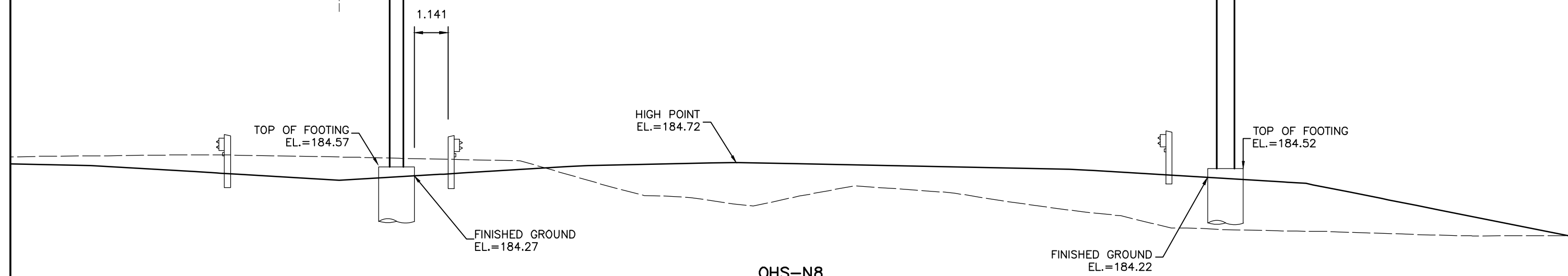
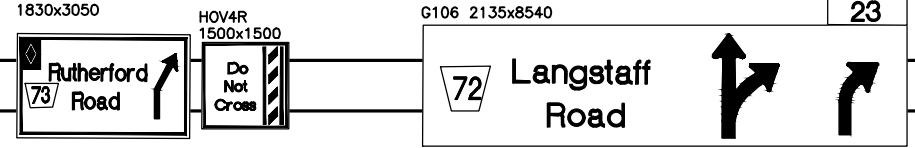
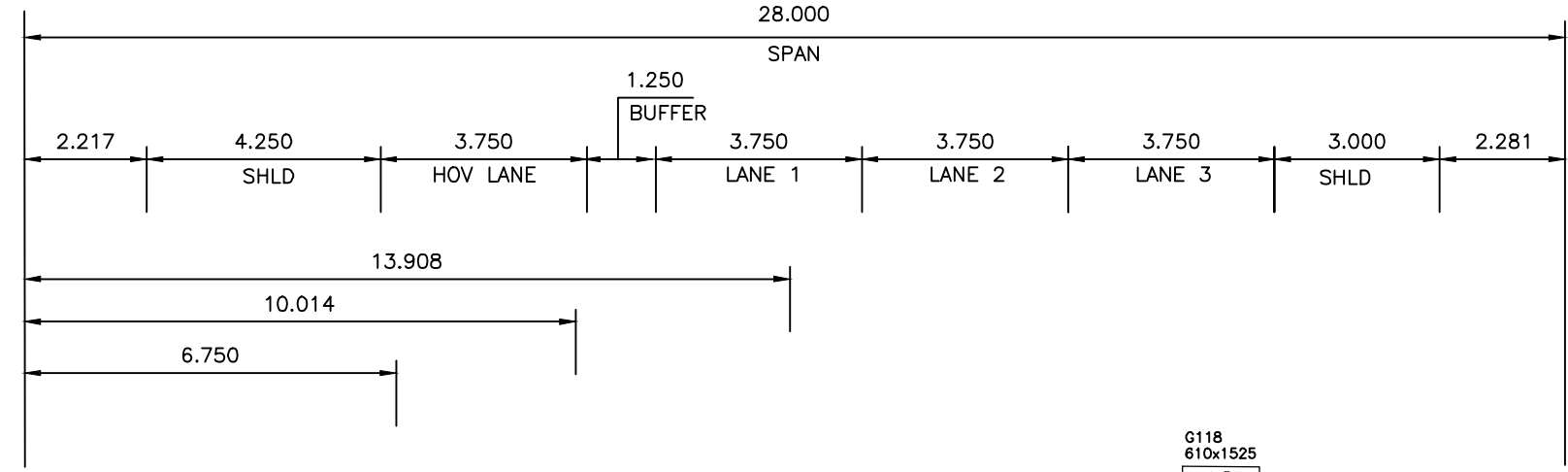


DESIGNED	MICHAEL ETINGEN		
DRAWN	GAUTHAM KARRI		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
		NAME (PRINT)	INIT. DATE



HWY 427 EXPANSION							
PAVEMENT MARKINGS AND SIGNING							
STA. 25+100 TO STA. 25+450							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0016	A

HIGHWAY 427
 ⊕



OHS-N8
 HIGHWAY 427 NB
 STATION 11+000
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	B.C.	J.W.	P.R.

SCALE :

N.T.S.

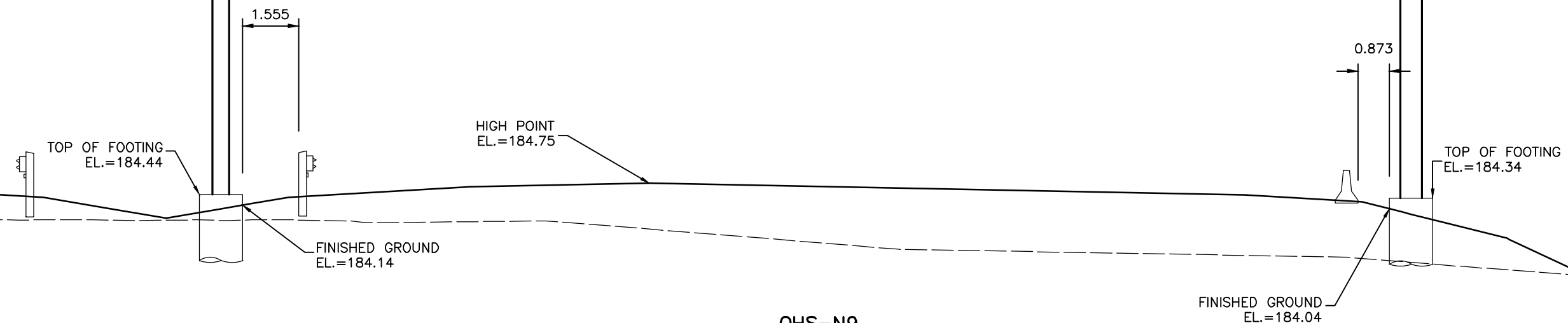
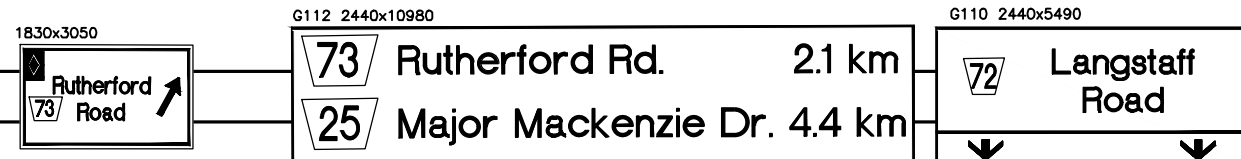
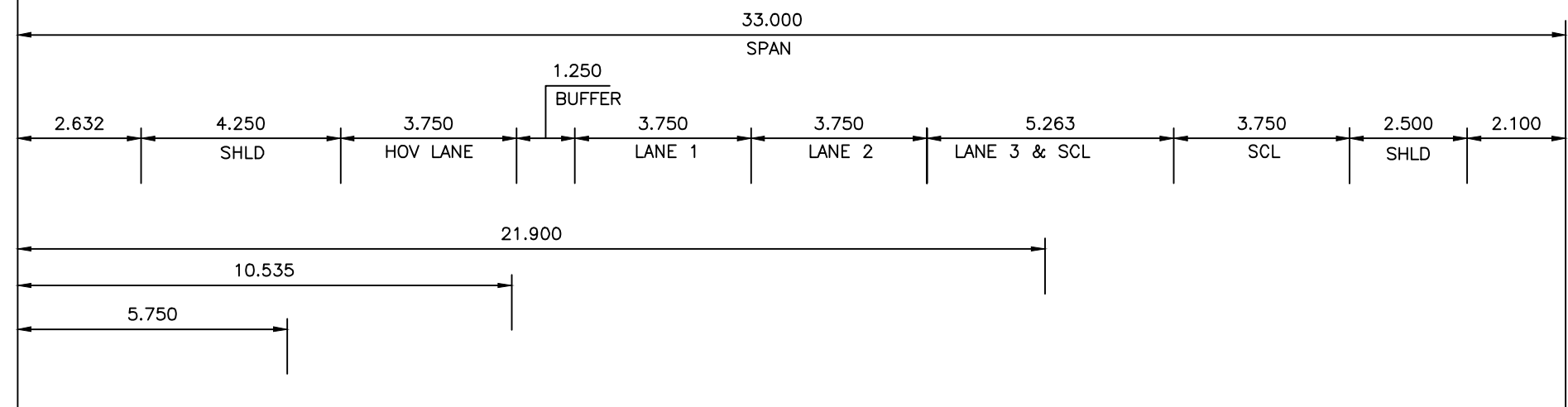
DESIGNED	CAITHM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWORTH

CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0056	A

HIGHWAY 427



OHS-N9
HIGHWAY 427 NB
STATION 11+540

FRONT ELEVATION
(IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.W.	P.R.

SCALE :

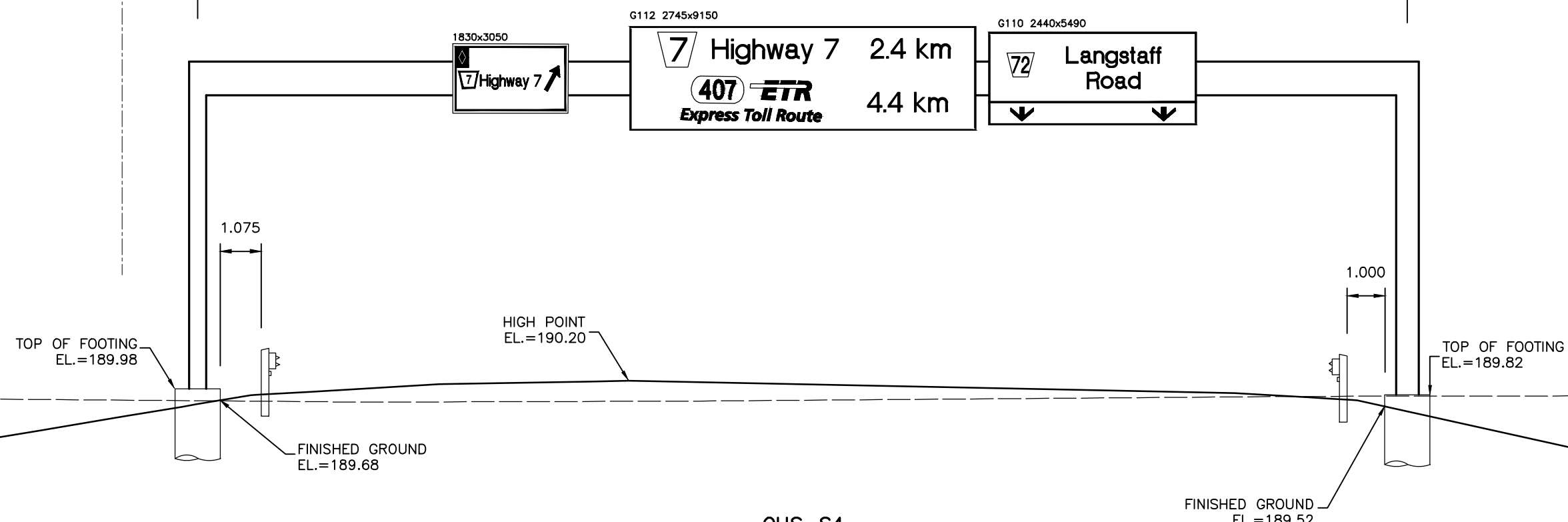
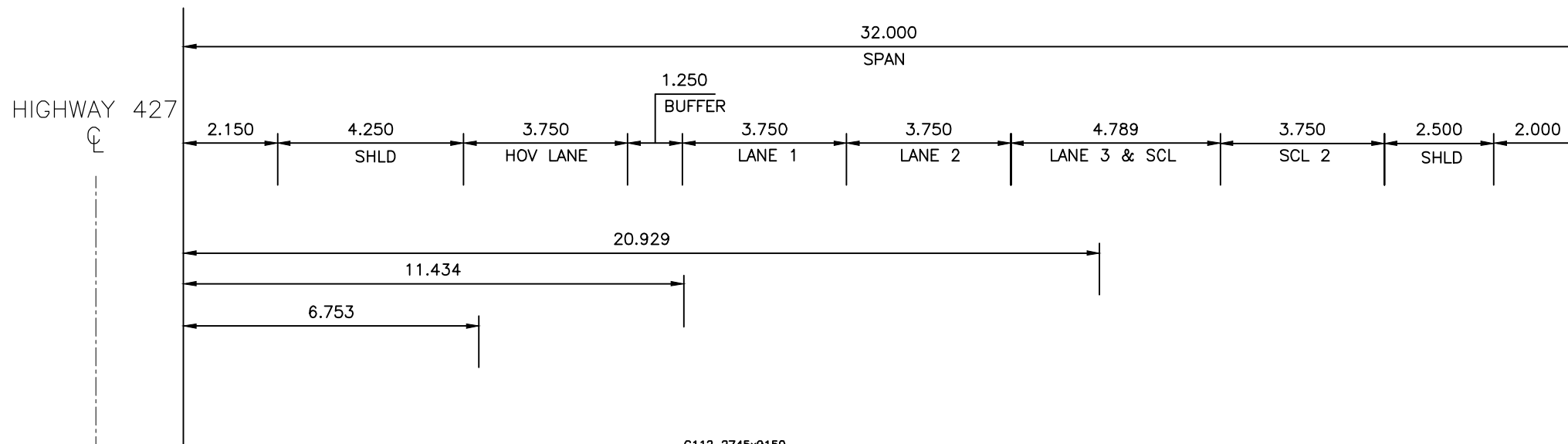
N.T.S.

DESIGNED	CAUTHM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWDORTH

CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0057	A



OHS-S4
 HIGHWAY 427 SB
 STATION 12+914
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.W.	P.B.

SCALE :

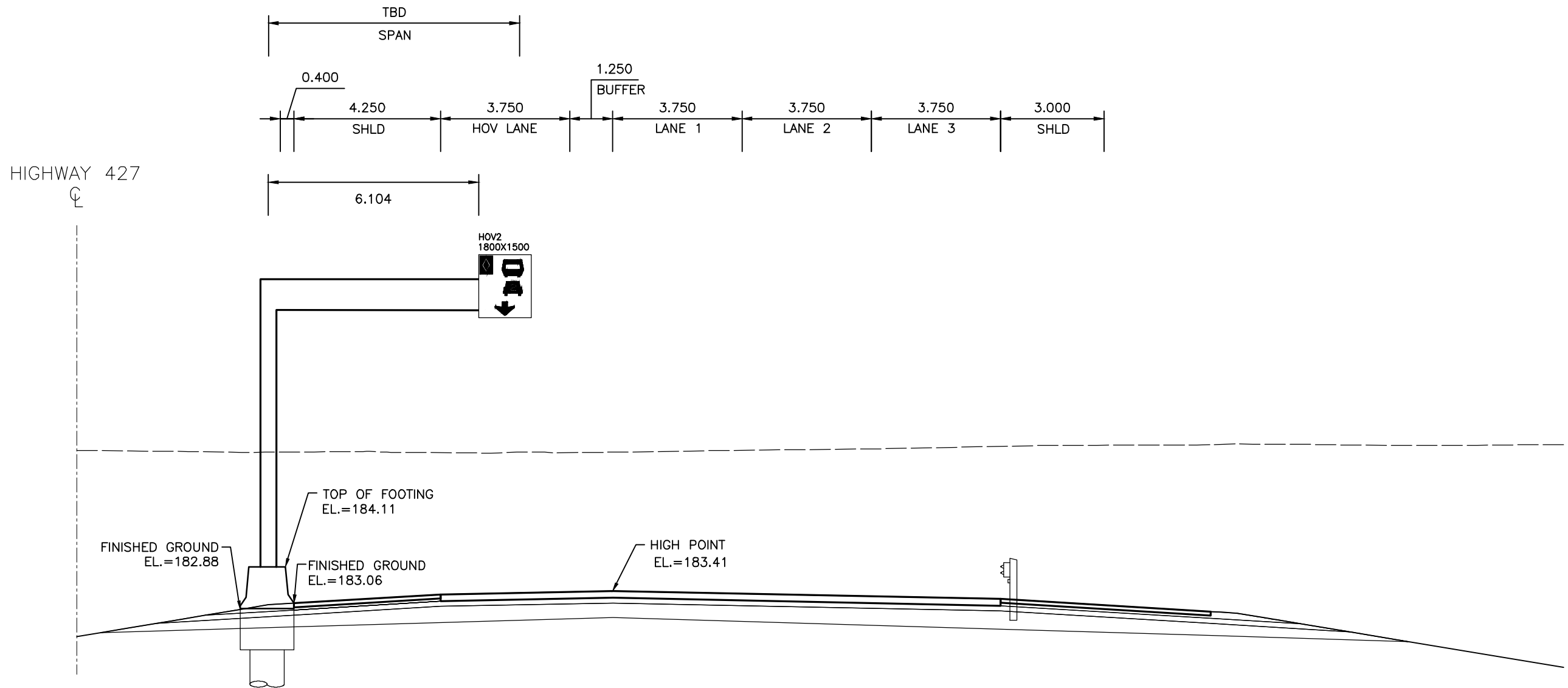
N.T.S.

DESIGNED	CAUTHM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWORTH

CONSULTANT			
NAME (PRINT)		INT.	DATE



TITLE							
HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0058	A



OHS-S3A
 HIGHWAY 427 SB
 STATION 12+383 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD. DES.	PRCL. MGR.
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.W.	P.R.

SCALE :

N.T.S.

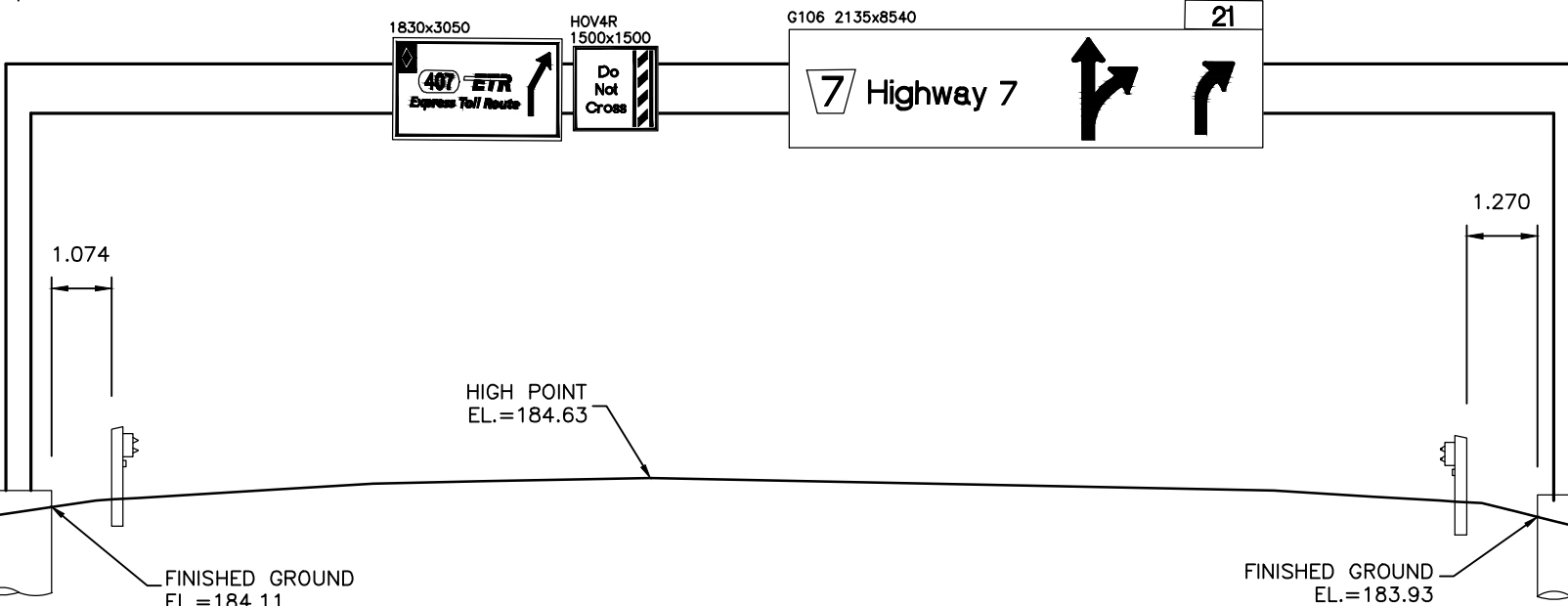
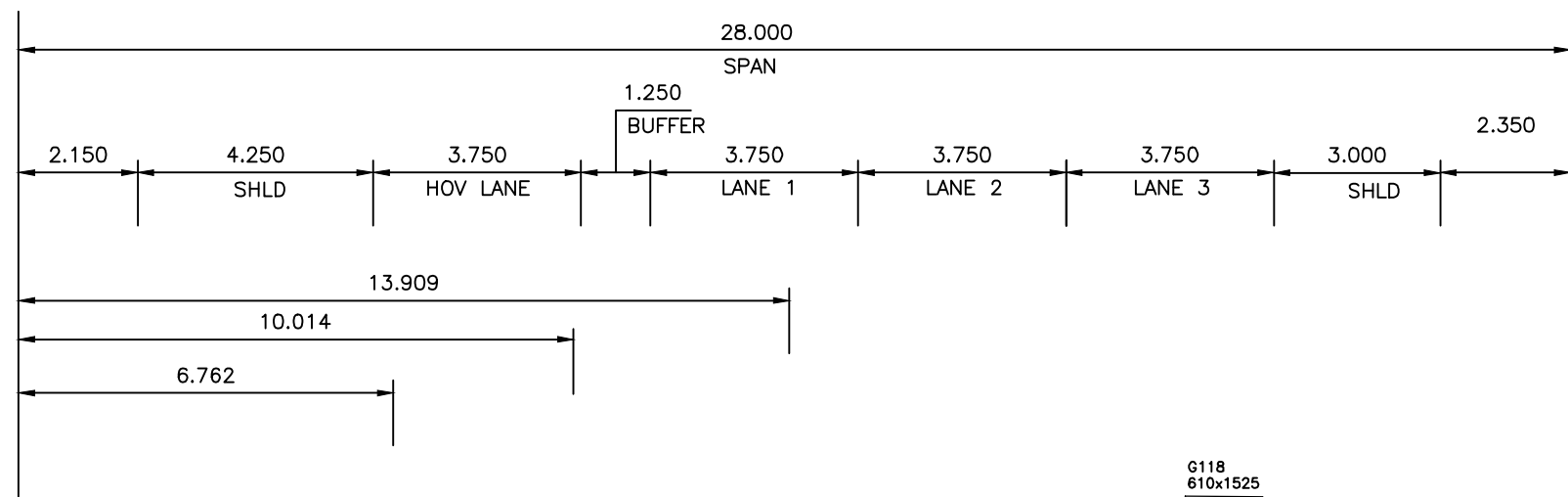
DESIGNED	CAUTHM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWDORTH

CONSULTANT			
	NAME (PRINT)	INT.	DATE



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0059	A

HIGHWAY 427



OHS-S5
HIGHWAY 427 SB
STATION 11+137
FRONT ELEVATION
(IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.W.	P.R.

SCALE :

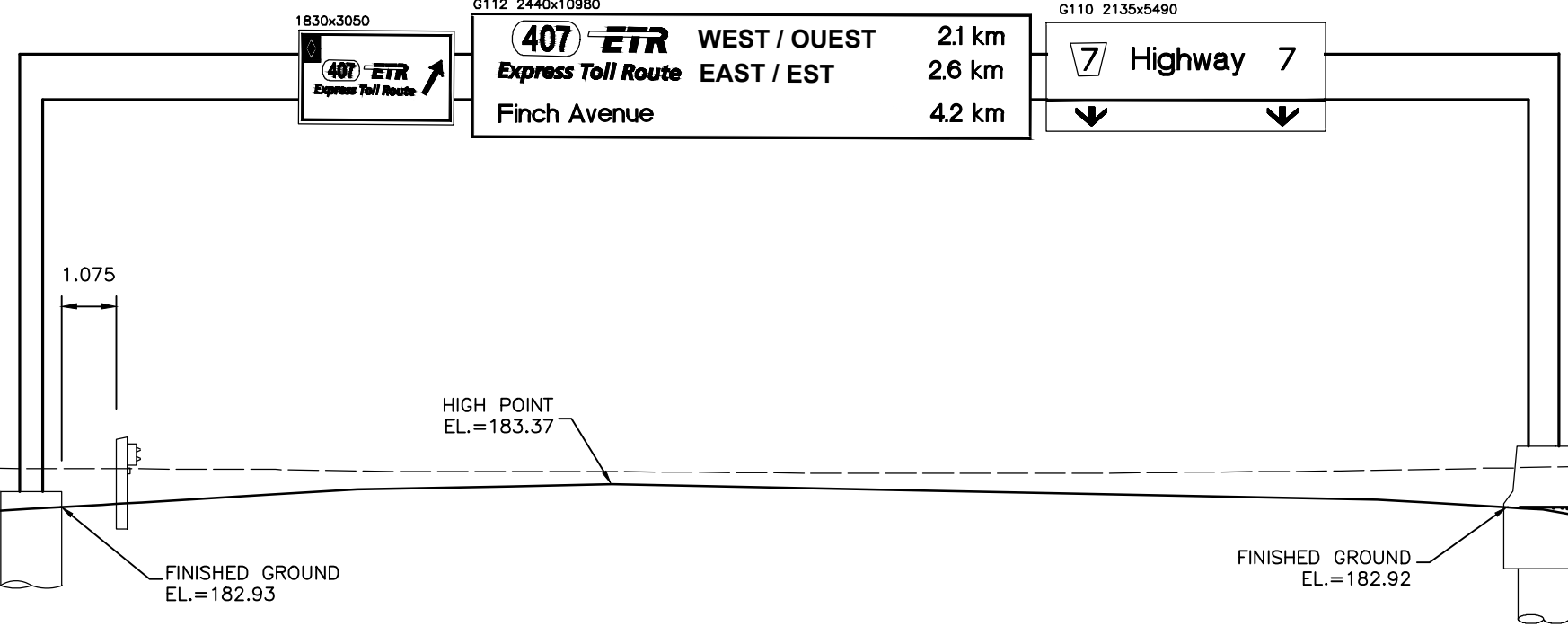
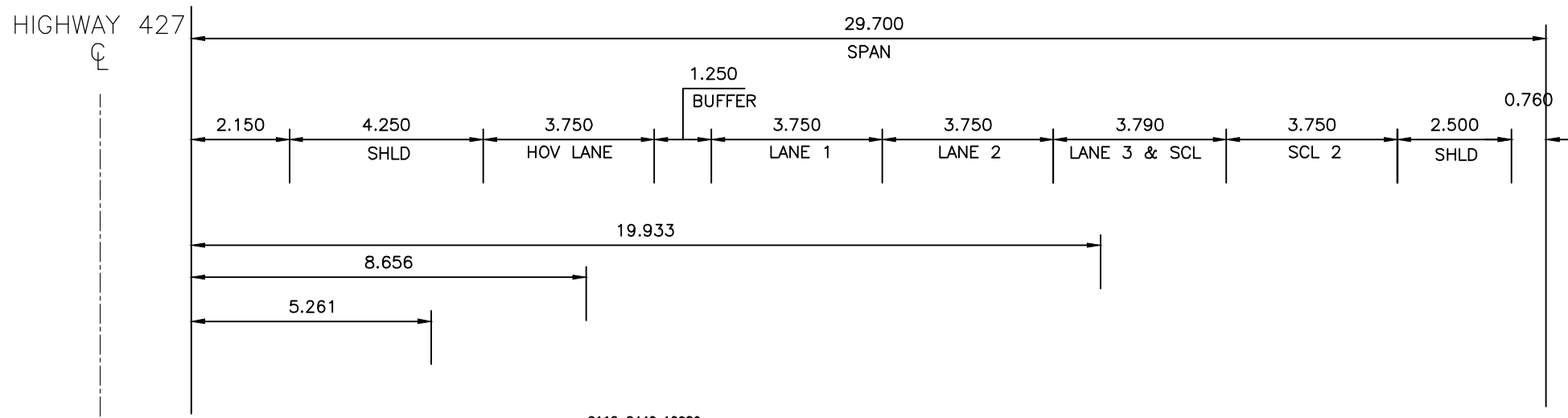
N.T.S.

DESIGNED	CAITHM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWDORTH
NAME (PRINT)	INT.
	DATE



PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0060	A

TITLE
HWY 427 EXPANSION OVERHEAD SIGNS



OHS-S6
 HIGHWAY 427 SB
 STATION 10+667
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	B.C.	J.W.	P.R.

SCALE :

N.T.S.

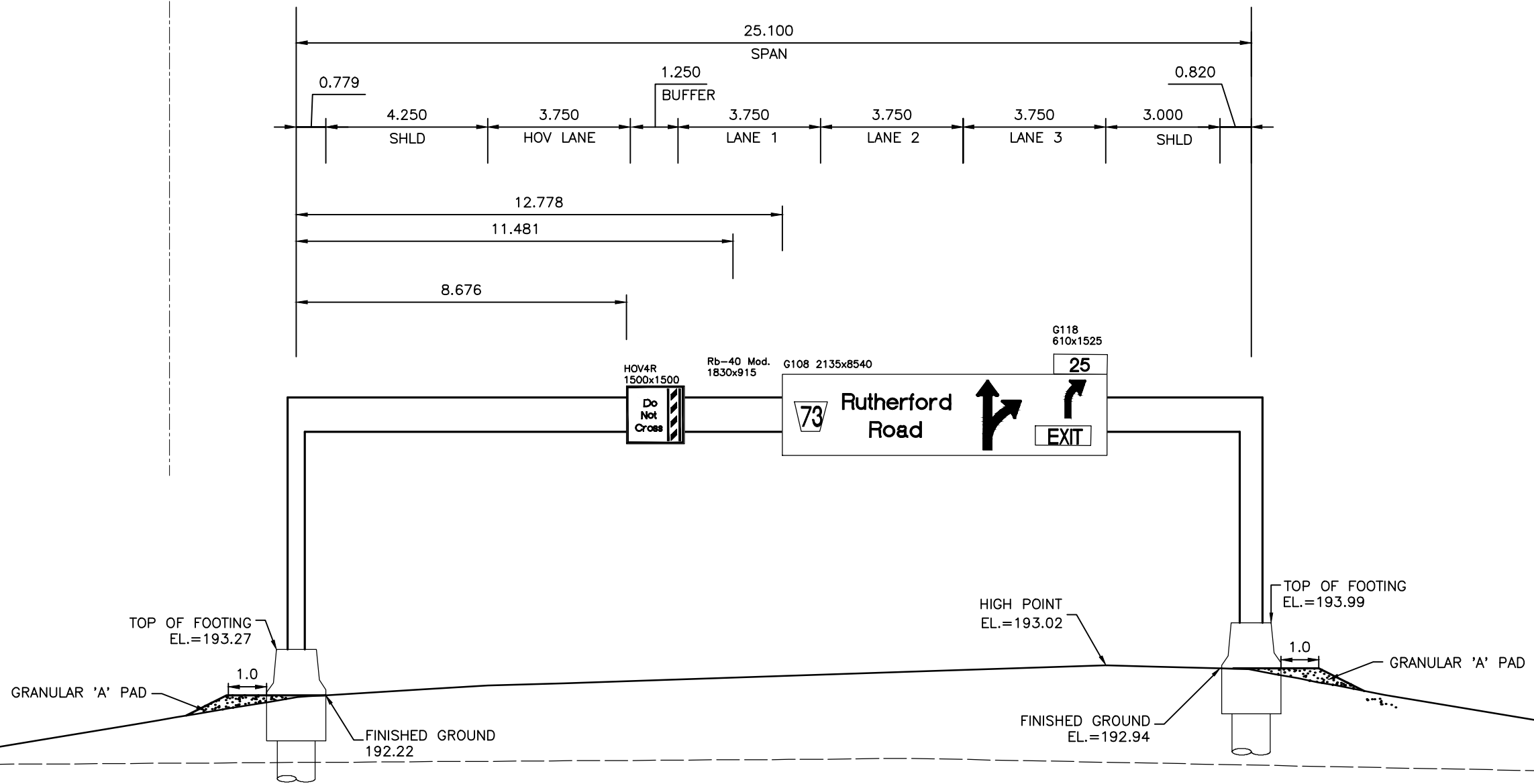
DESIGNED	CAITHM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWDORTH

CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0061	A

HIGHWAY 427 NBL
CONTROL LINE



OHS-N10
HIGHWAY 427 NB
STATION 13+165

FRONT ELEVATION
(IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA				

SCALE :

N.T.S.

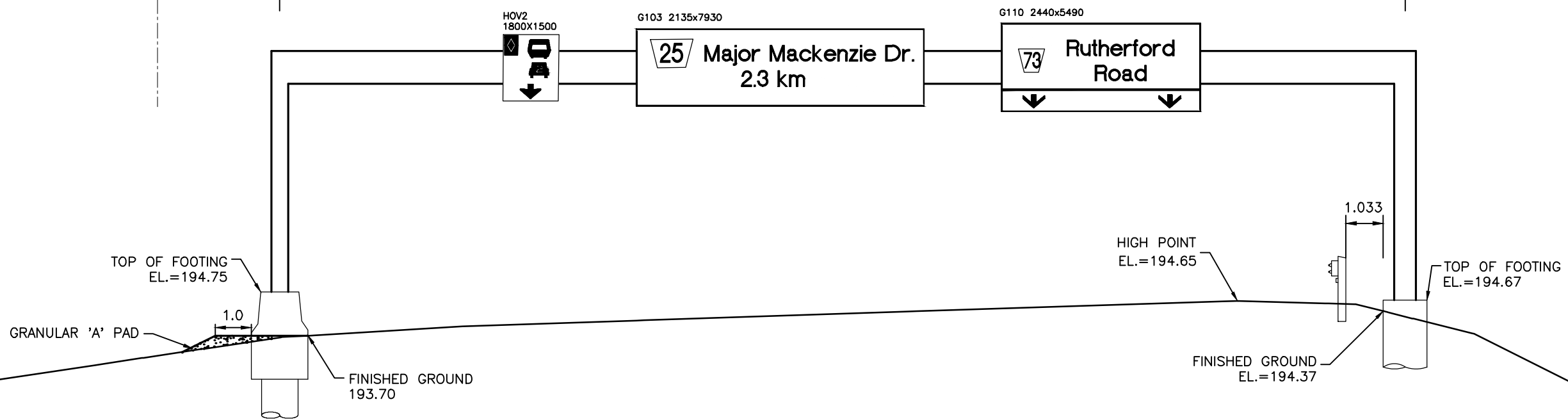
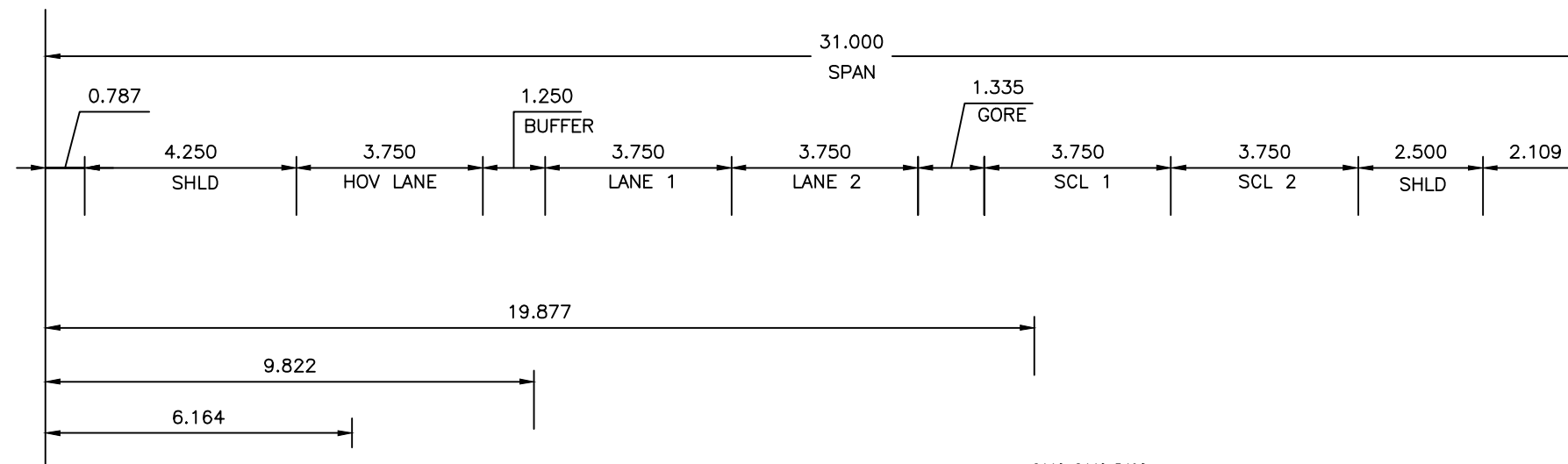
DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWDORTH

NAME (PRINT)	INT.	DATE



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0070	B

HIGHWAY 427 NBL
CONTROL LINE



OHS-N11
HIGHWAY 427 NB
STATION 13+626

FRONT ELEVATION
(IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRJL
B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA				

SCALE :

N.T.S.

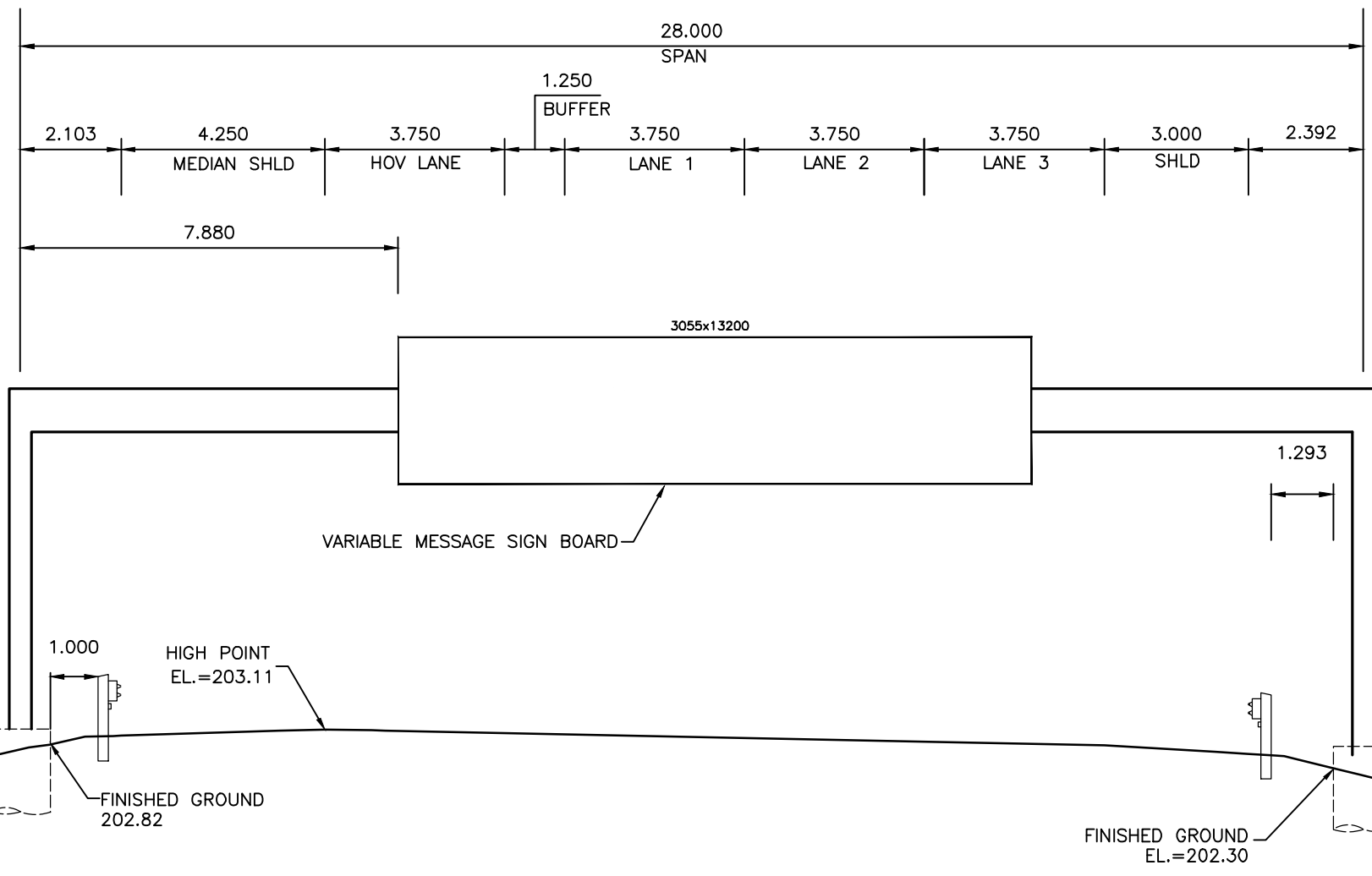
DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAWORTH

NAME (PRINT)	INT.	DATE



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0071	B

HIGHWAY 427



VMS-S1
 HIGHWAY 427 SB
 STATION 14+130
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA				

SCALE :

N.T.S.

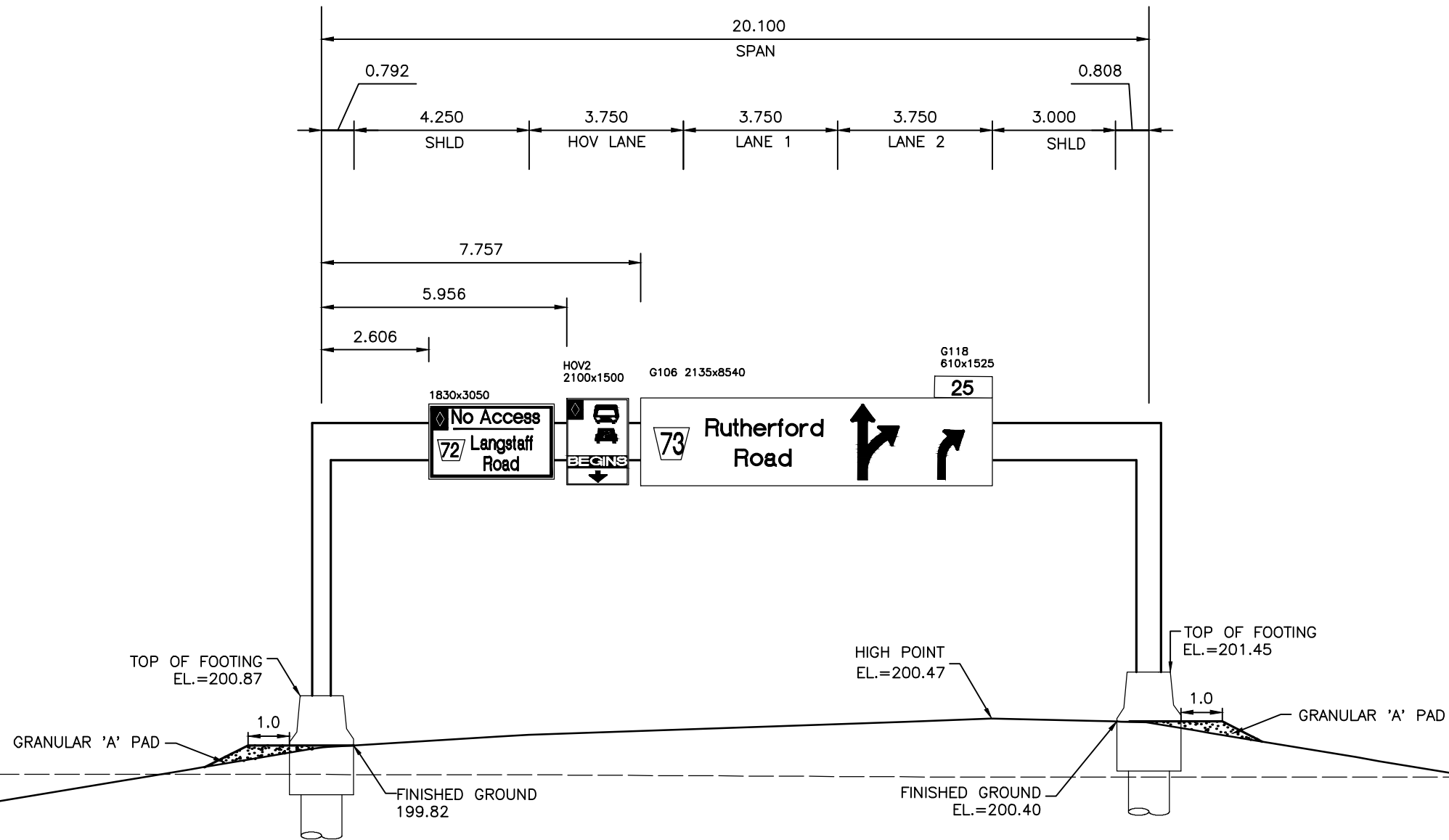
DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWDORTH

NAME (PRINT)	INT.	DATE



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0072	B

HIGHWAY 427



OHS-S1
HIGHWAY 427 SB
STATION 15+272

FRONT ELEVATION
(IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA				

SCALE :

N.T.S.

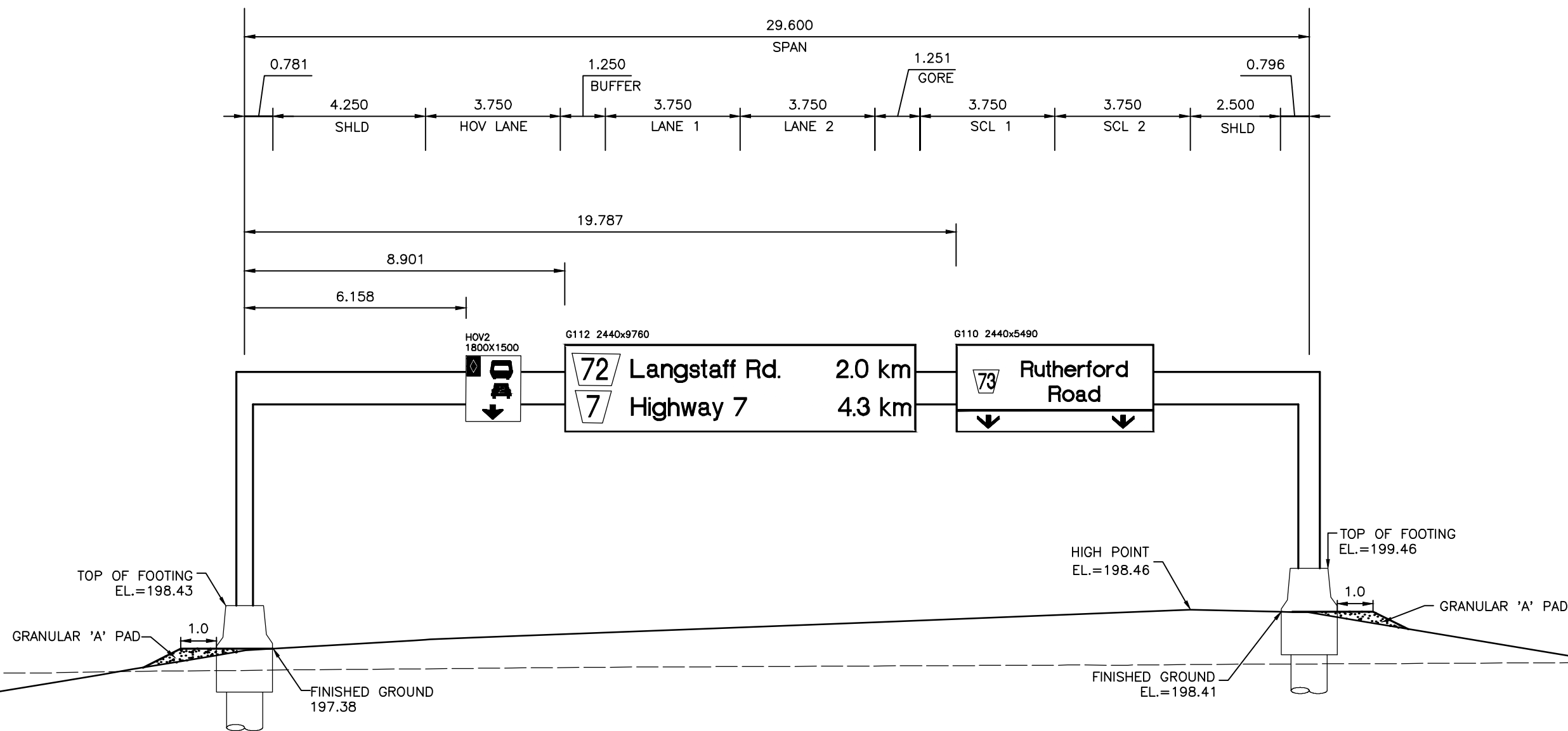
DESIGNED	IMRAN AHMAD		
DRAWN	EDDY LEUNG		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PRCL. MANAGER	PETER BAMFORTH		

CONSULTANT			
NAME (PRINT)		INT.	DATE



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0073	B

HIGHWAY 427

OHS-S2
 HIGHWAY 427 SB
 STATION 14+761
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA				

SCALE :
 N.T.S.

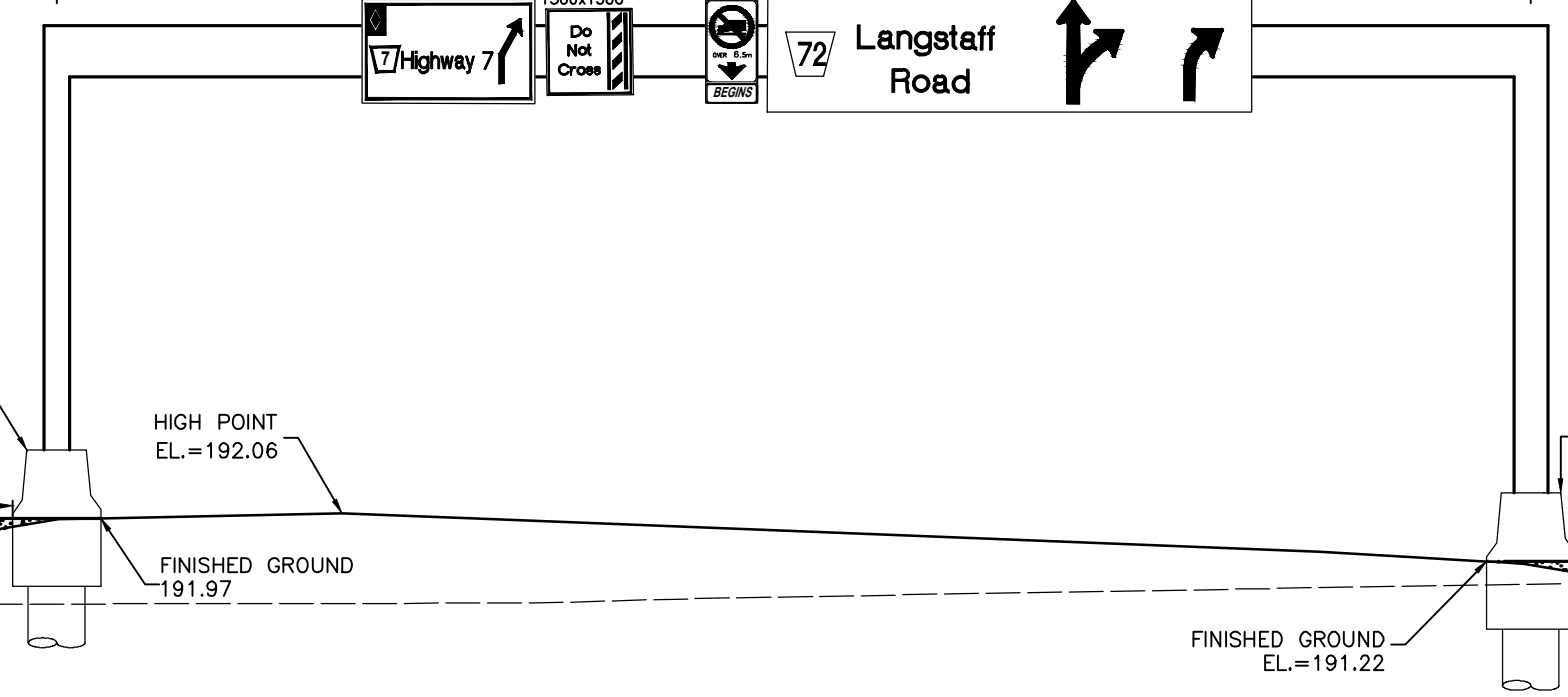
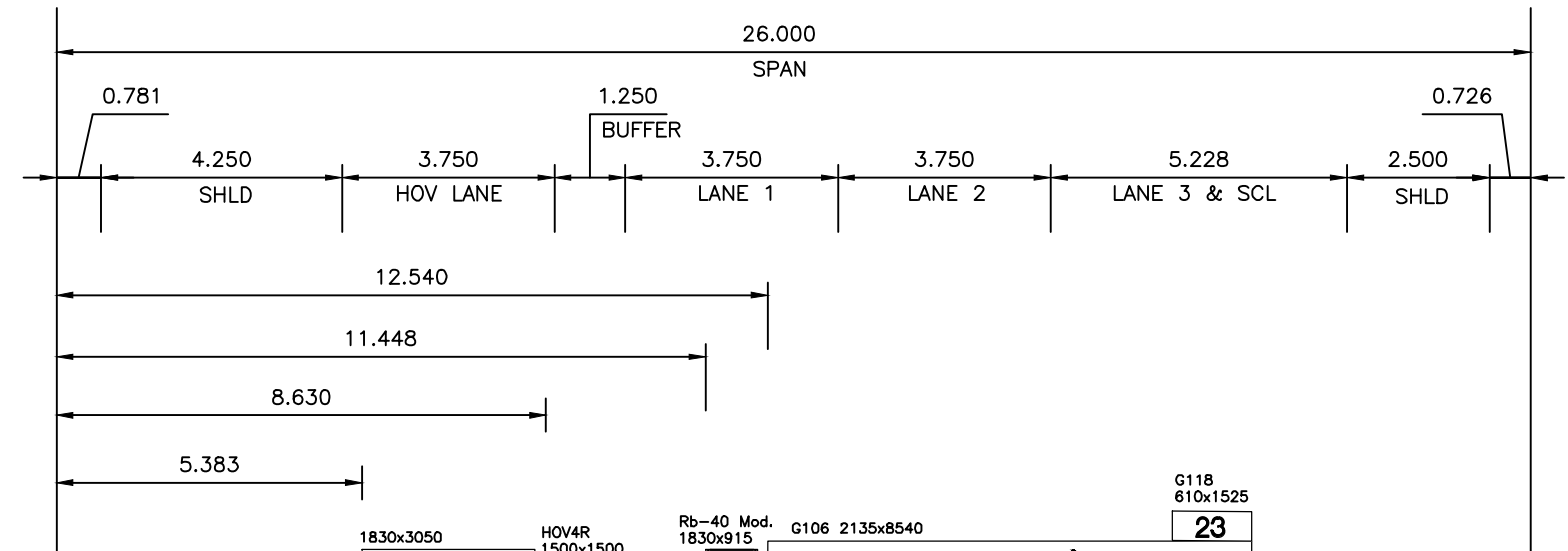
DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAIWORTH

NAME (PRINT)	INT.	DATE



TITLE							
HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0074	B

HIGHWAY 427
 ☉



OHS-S3
 HIGHWAY 427 SB
 STATION 13+375
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
B	19/01/25	50% SUBMISSION TO CA				
A	18/04/25	50% SUBMISSION TO CA				

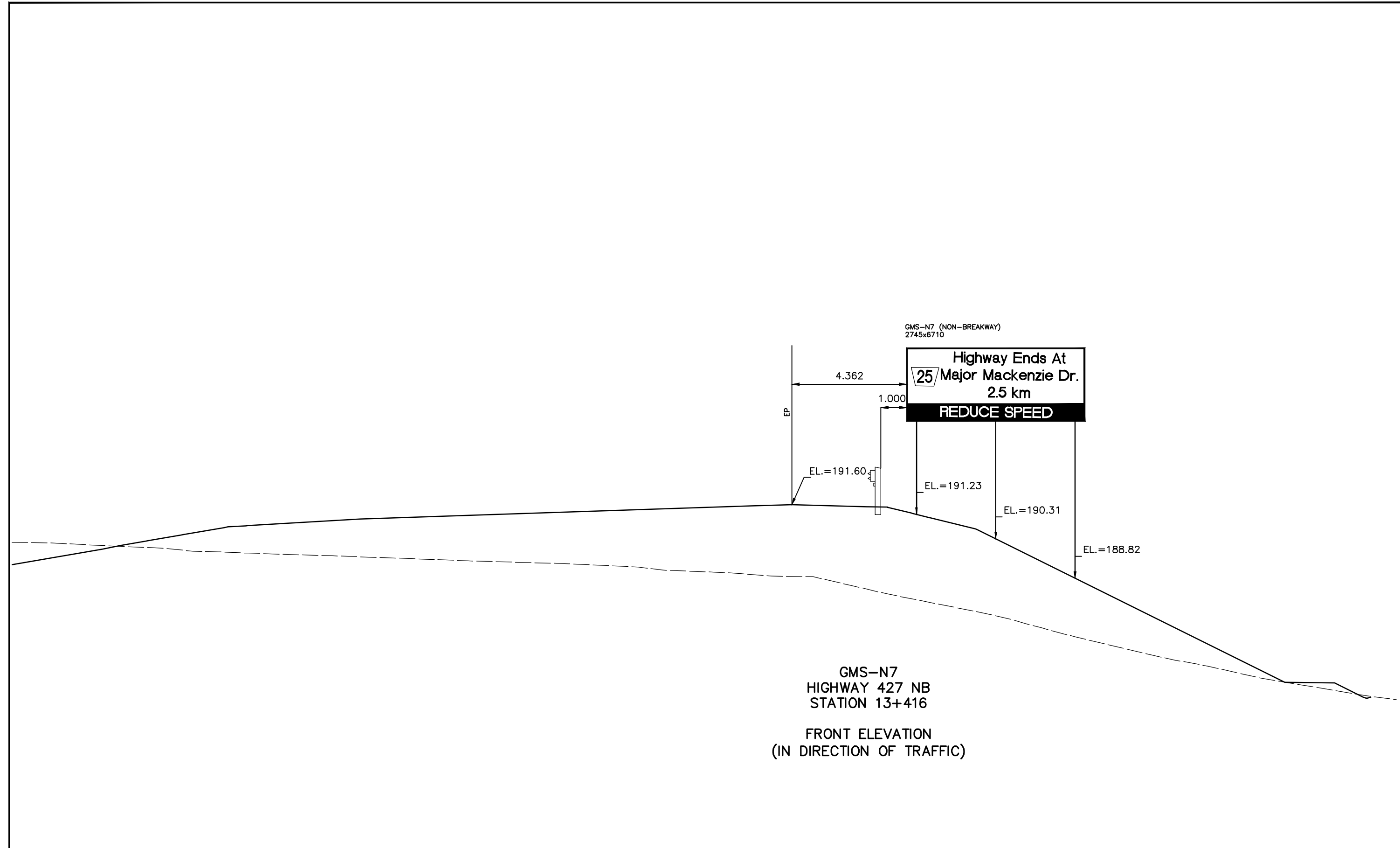
SCALE :
 N.T.S.

DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAWORTH

CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0075	B



NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	50% SUBMISSION TO CA	EL.	D.C.	J.W.	P.B.

SCALE :

N.T.S.

DESIGNED	IMRAN AHMAD
DRAWN	EDDY LEUNG
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAIWORTH

CONSULTANT			
	NAME (PRINT)	INT.	DATE



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	7	HWY	000	DWG	0076	A

GMS-N8 (BREAKWAY)
2745x6710



8.684

E.P.

EL. = 199.18

EL. = 198.08

EL. = 197.58

EL. = 197.73

GMS-N8
HIGHWAY 427 NB
STATION 15+292

FRONT ELEVATION
(IN DIRECTION OF TRAFFIC)

DESIGNED	IMRAN AHMAD		
DRAWN	EDDY LEUNG		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAIWORTH		

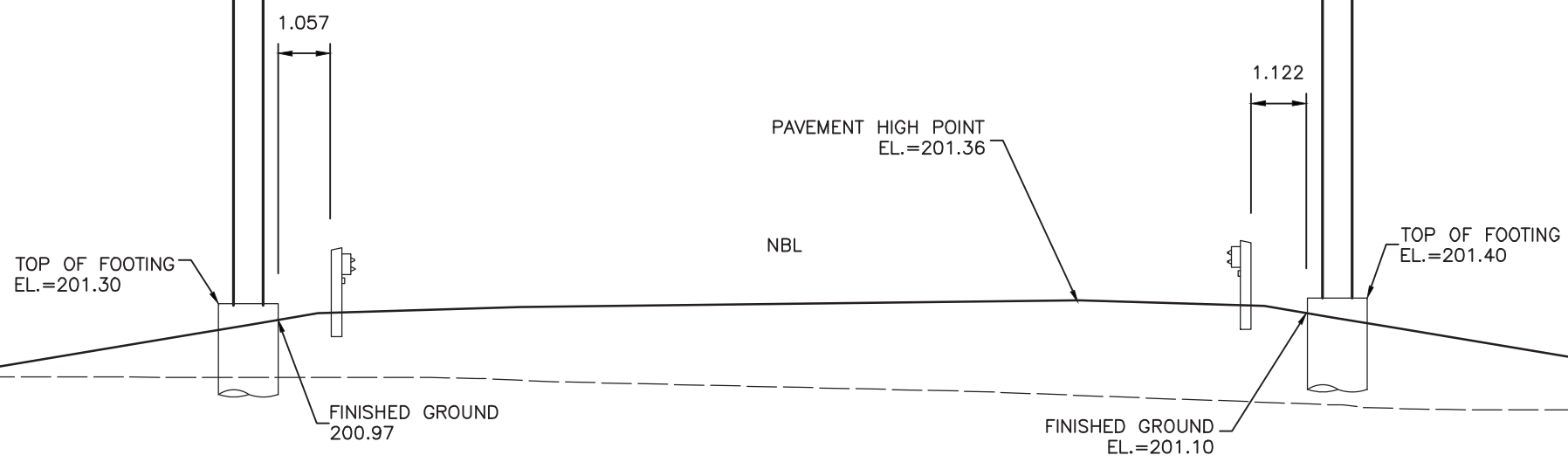
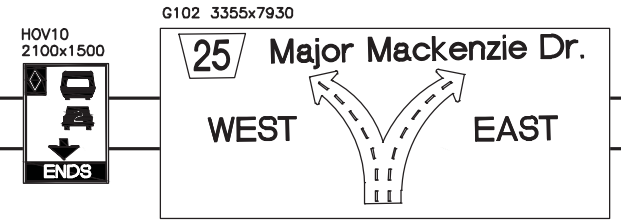
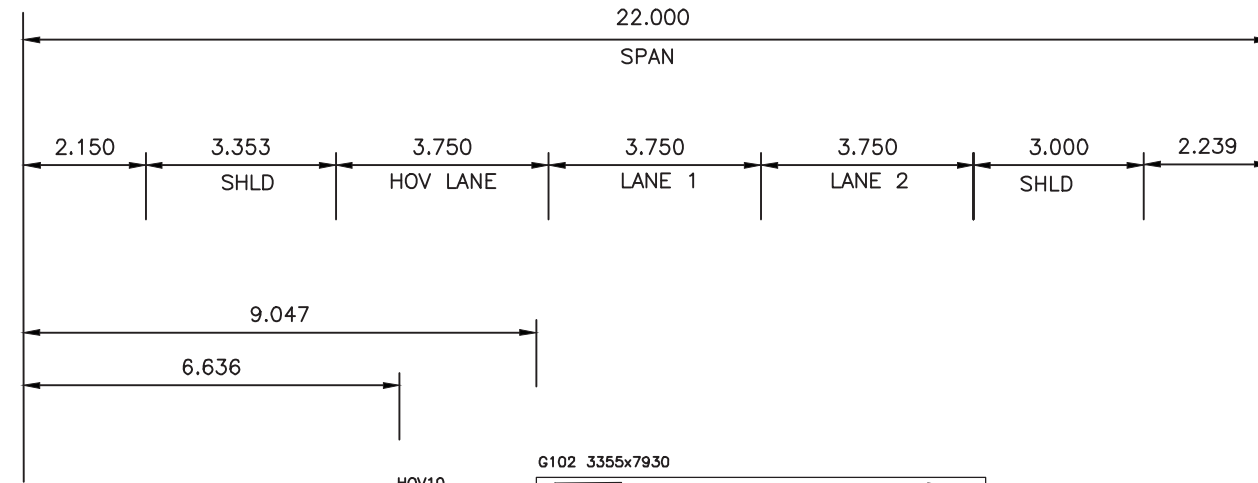
SCALE :	
N.T.S.	

	NAME (PRINT)	INT.	DATE



TITLE							HWY 427 EXPANSION OVERHEAD SIGNS				
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER				
H427-D	F	7	HWY	000	DWG	0077	A				

HIGHWAY 427
 ⊕



OHS-N12
 HIGHWAY 427 NB
 STATION 15+449

FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.N.	P.B.

SCALE :
 N.T.S.

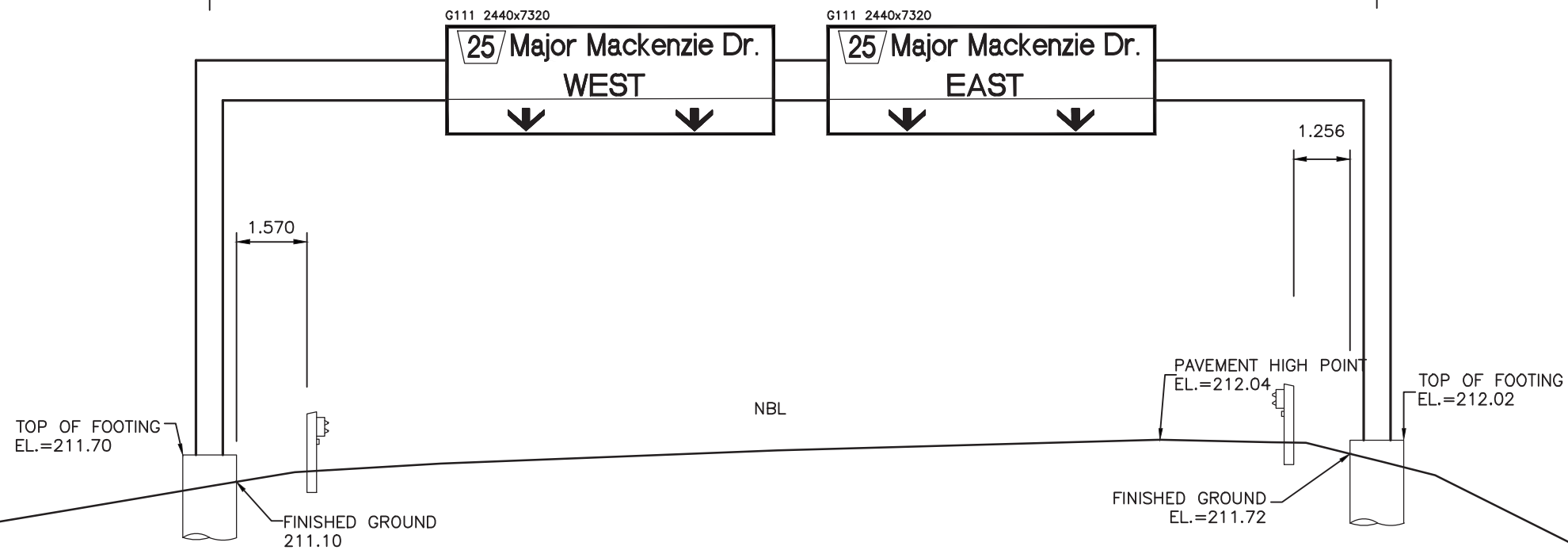
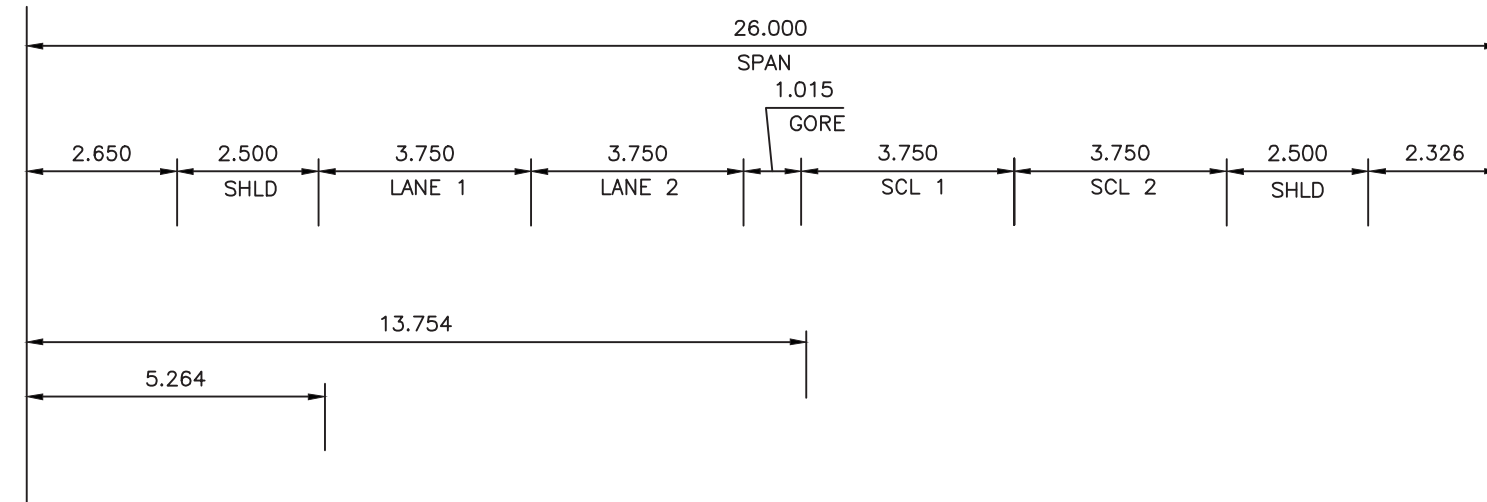
DESIGNED	GAUTHAM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAMFORTH

CONSULTANT	NAME (PRINT)	INT.	DATE



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0036	A

HIGHWAY 427



OHS-N13
 HIGHWAY 427 NB
 STATION 15+955
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.N.	P.B.

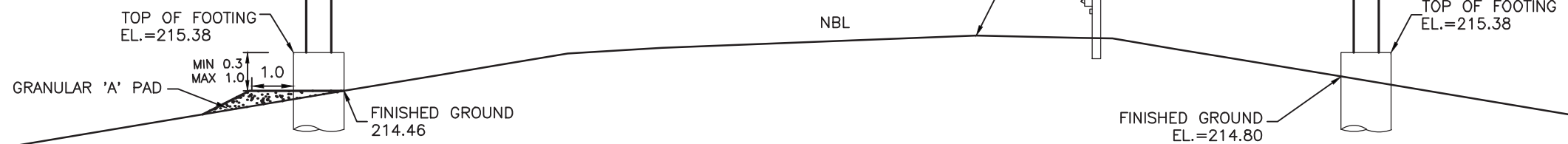
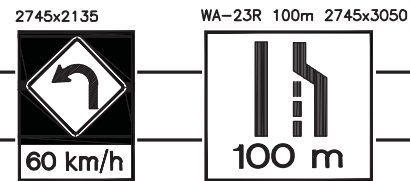
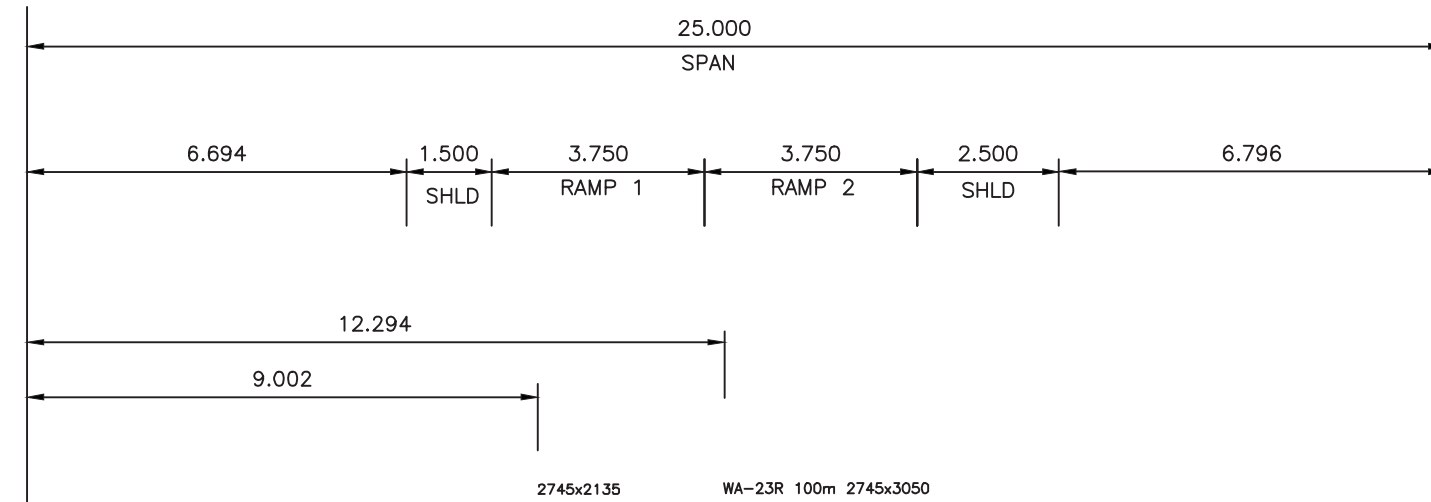
SCALE :
 N.T.S.

DESIGNED	GAUTHAM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAMFORTH



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0037	A

HIGHWAY 427
 ☉



OHS-N14
 HIGHWAY 427 NB (S-W RAMP)
 STATION 16+209
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.M.	P.B.

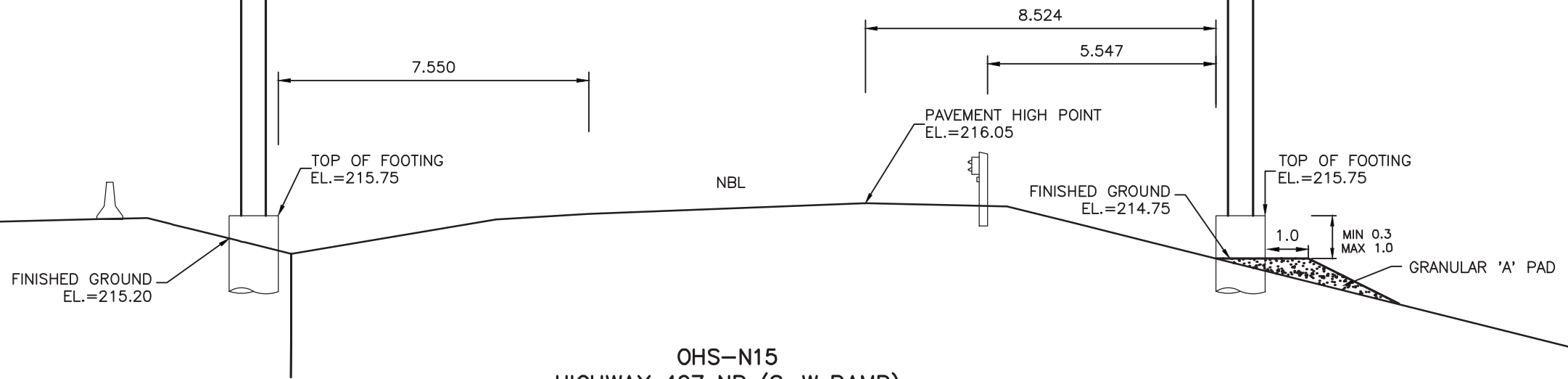
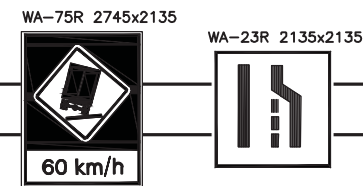
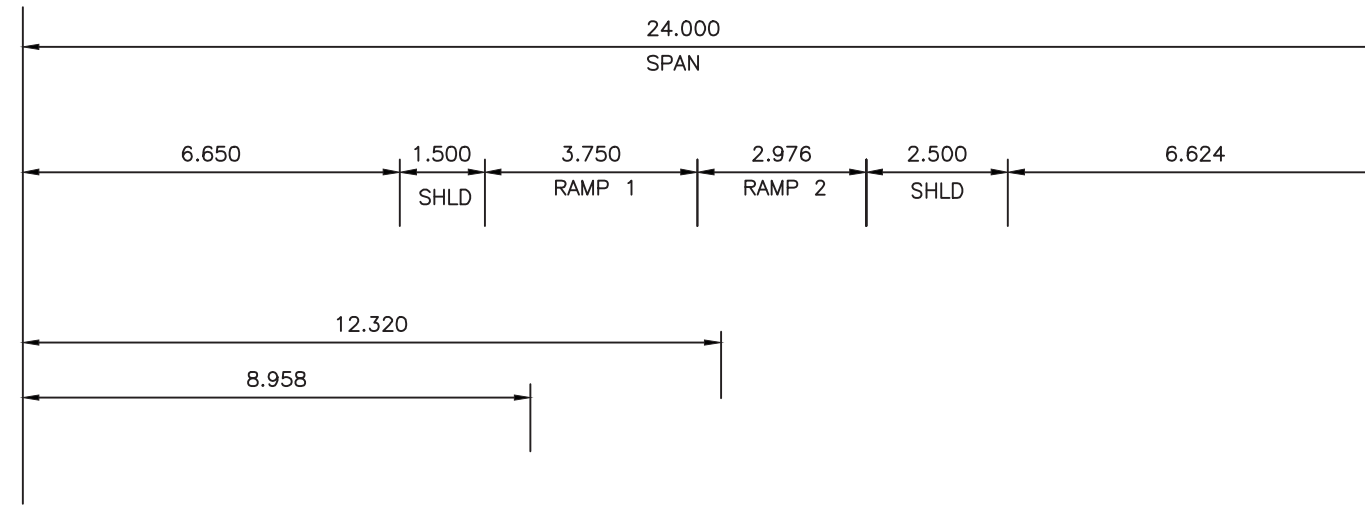
SCALE :
 N.T.S.

DESIGNED	GAUTHAM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAMFORTH



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0038	A

HIGHWAY 427
 ☽



OHS-N15
 HIGHWAY 427 NB (S-W RAMP)
 STATION 16+398
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.N.	P.B.

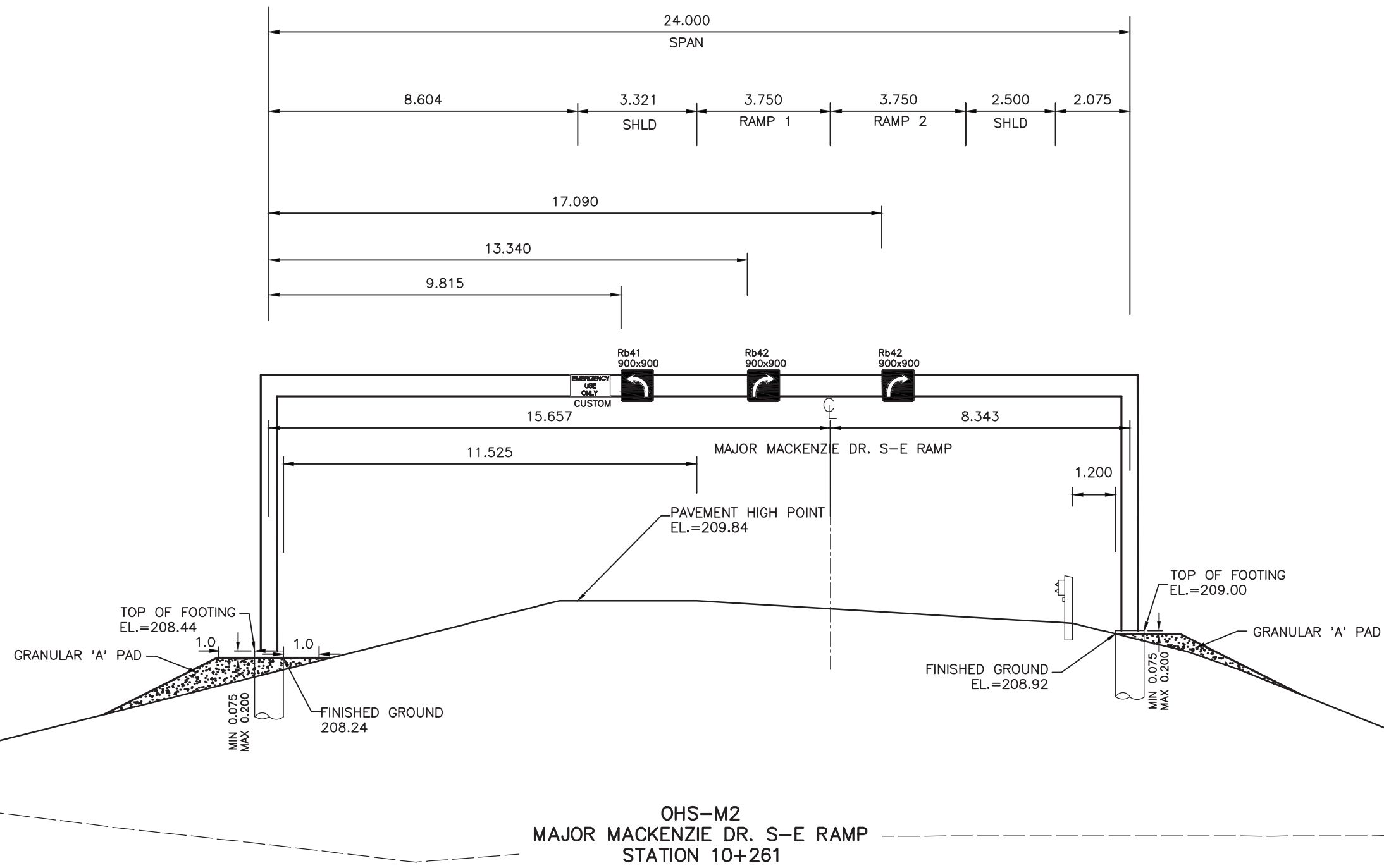
SCALE :

N.T.S.

DESIGNED	GAUTHAM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAMFORTH
NAME (PRINT)	
INT.	
DATE	



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0039	A



OHS-M2
 MAJOR MACKENZIE DR. S-E RAMP
 STATION 10+261
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.N.	P.B.

SCALE :

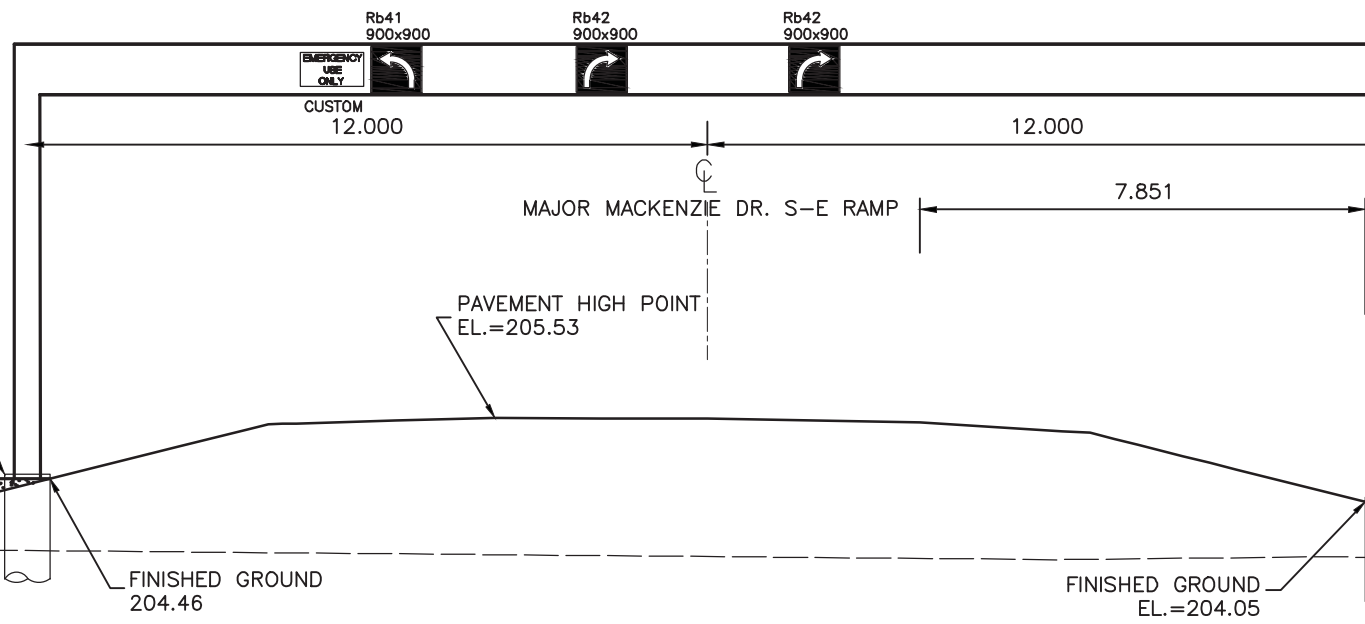
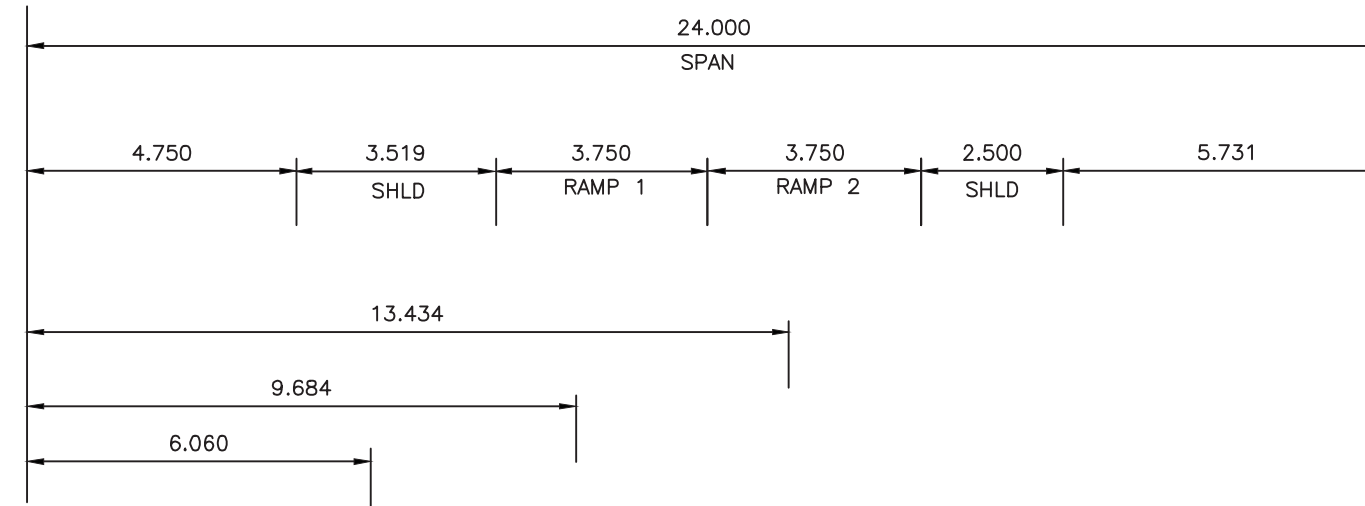
N.T.S.

DESIGNED	GAUTHAM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAMFORTH

CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0040	A



OHS-M3
 MAJOR MACKENZIE DR. S-E RAMP
 STATION 10+376
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD	PRCL
A	19/01/25	90% SUBMISSION TO CA	M.E.	D.C.	J.N.	P.B.

SCALE :

N.T.S.

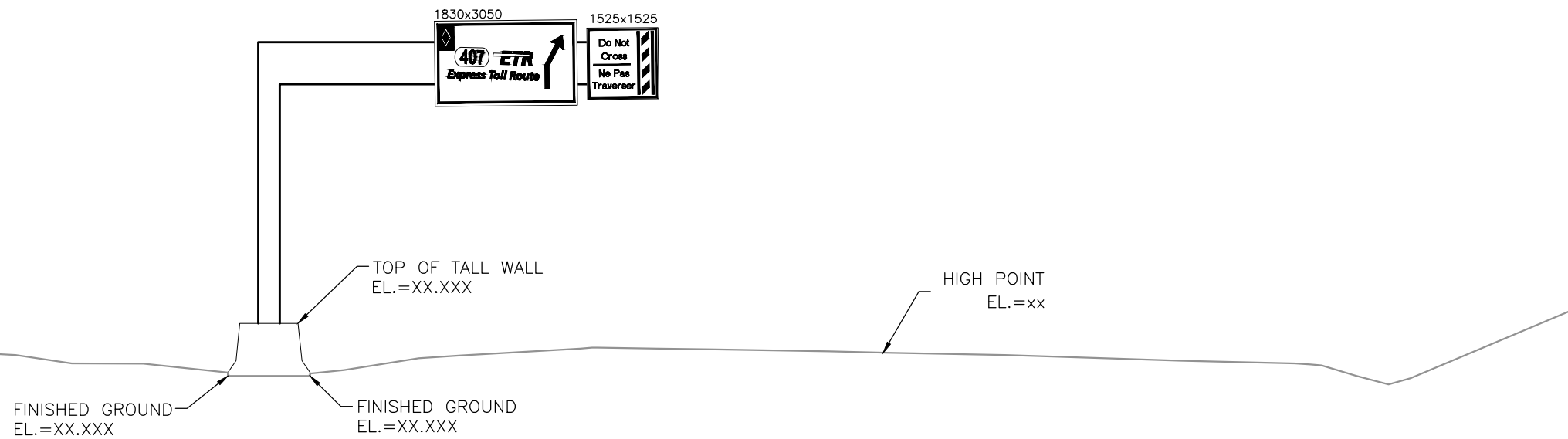
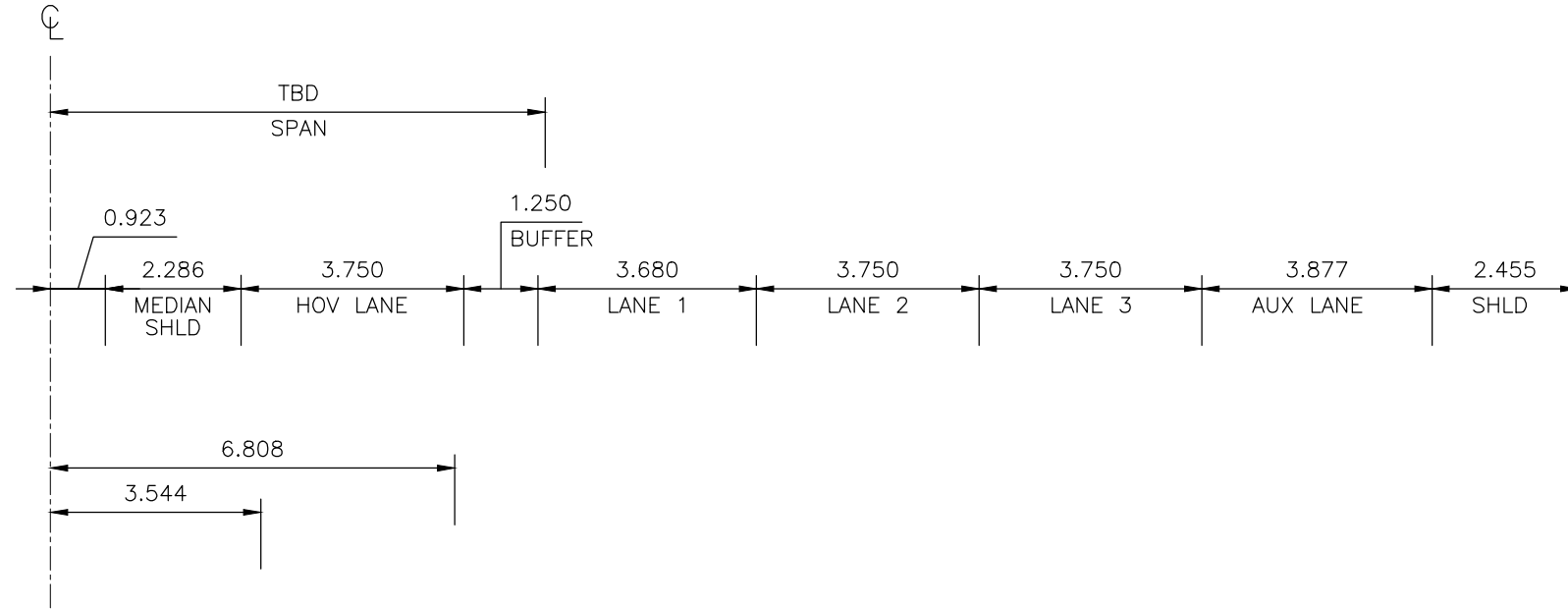
DESIGNED	GAUTHAM KARRI
DRAWN	MICHAEL ETINGEN
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PRCL. MANAGER	PETER BAMFORTH

CONSULTANT			
NAME (PRINT)		INT.	DATE



TITLE HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	8	HWY	000	DWG	0041	A

HIGHWAY 427



OHS-N1
 HIGHWAY 427 NB
 STATION 24+720
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD. ENG.	PROJ. MGR.
A	18/06/08	50% SUBMISSION TO CA				

SCALE :

N.T.S

DESIGNED	MICHAEL ETINGEN
DRAWN	GALTHAM KARRI
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

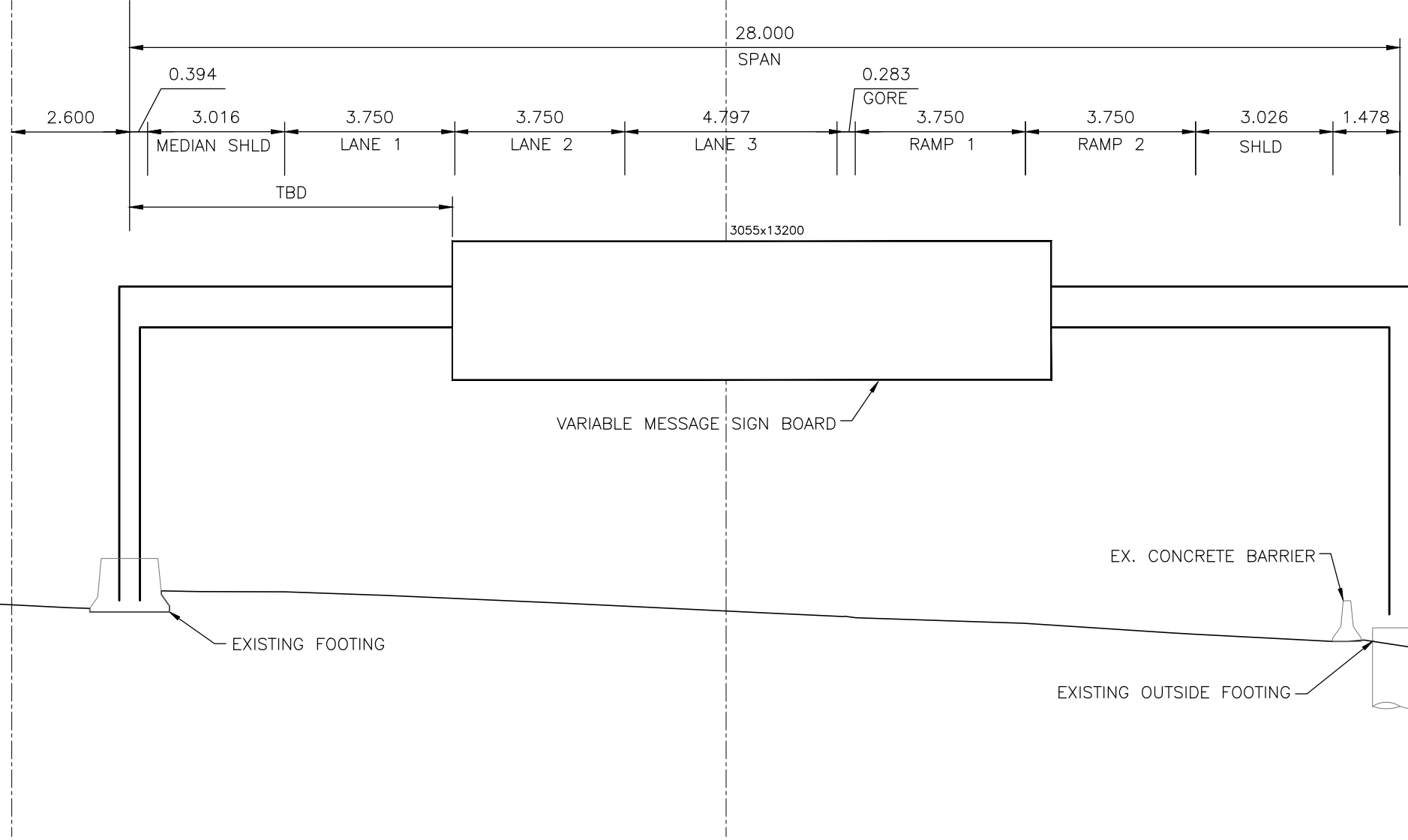
NAME (PRINT)	INT.	DATE



HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0017	A

HIGHWAY 427
⊕

NBL
⊕



VMS-N1
HIGHWAY 427 NB
STATION 18+500

FRONT ELEVATION
(IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD. ENG.	PROJ. MGR.
A	18/06/08	50% SUBMISSION TO CA				

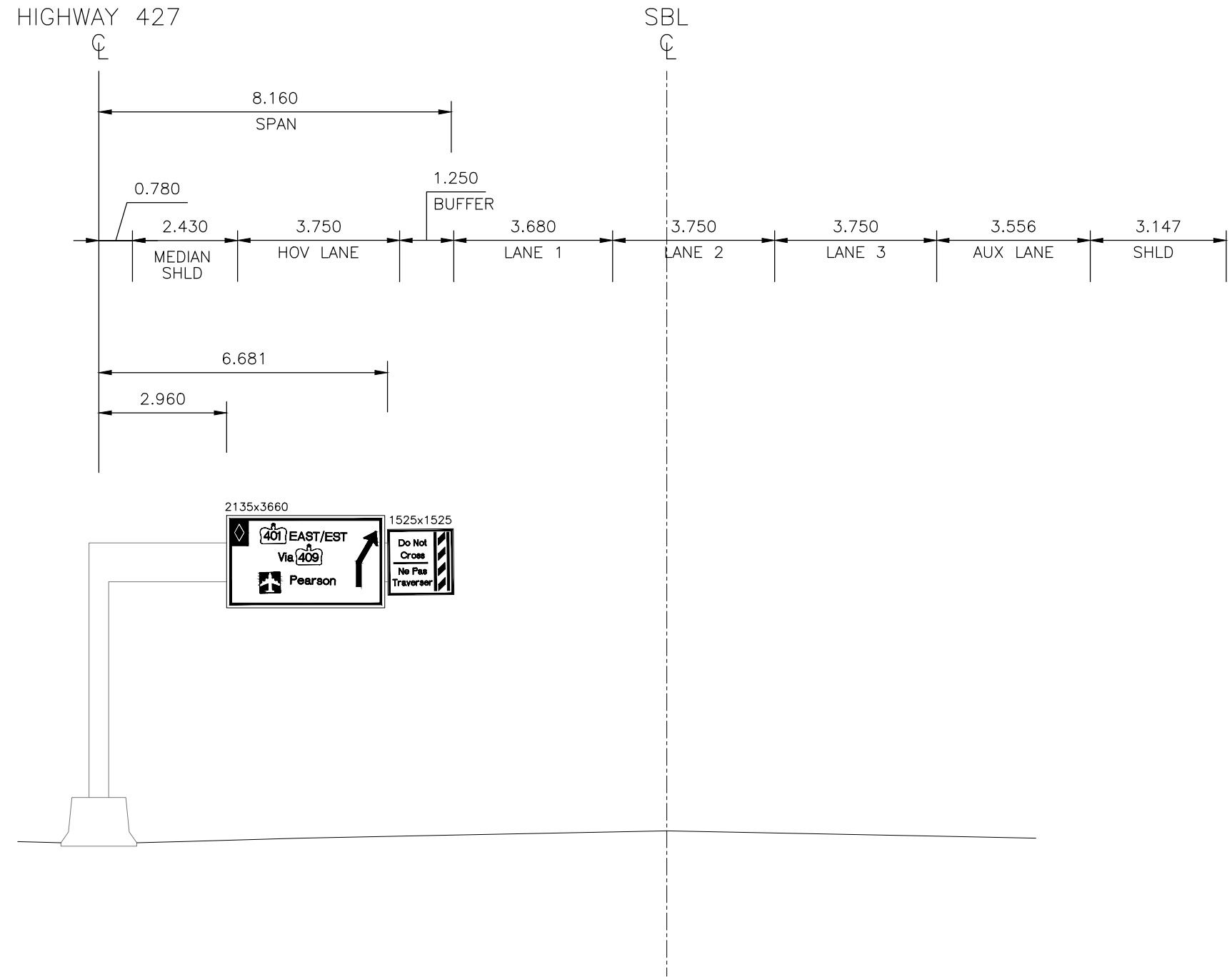
SCALE :

N.T.S.

DESIGNED	MICHAEL ETINGEN		
DRAWN	GALTHAM KARRI		
CHECKED	DUNCAN CAMPBELL		
APPROVED LEAD ENGINEER	JONATHAN MOHACSI		
APPROVED PROJ. MANAGER	PETER BAMFORTH		
		NAME (PRINT)	INT.
			DATE



HWY 427 EXPANSION VARIABLE MESSAGE SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0018	A



EXISTING OHS
 HIGHWAY 427 SB
 STATION 24+810
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

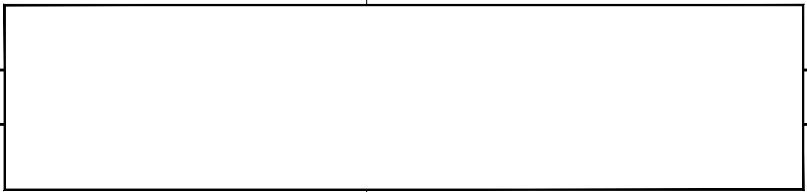
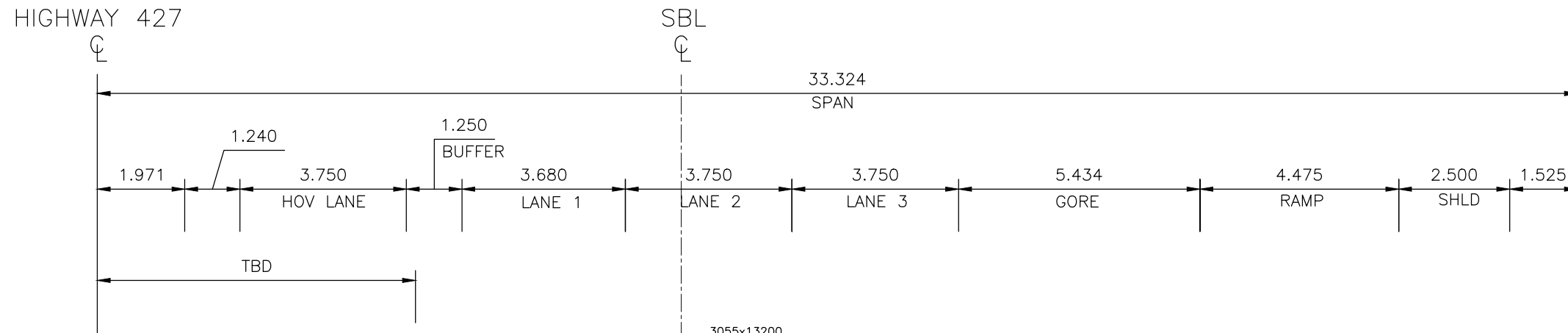
NO.	DATE	REVISIONS	BY	CHK	LEAD. ENG.	PROJ. MGR.
A	18/06/08	50% SUBMISSION TO CA				

SCALE :
 N.T.S

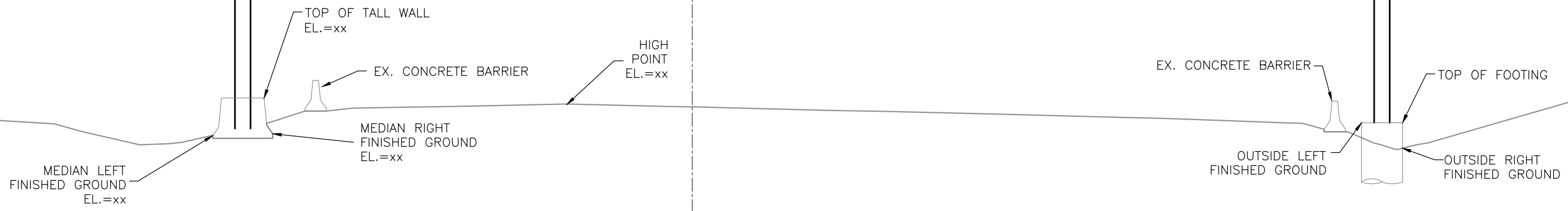
DESIGNED	MICHAEL ETINGEN
DRAWN	GALTHAM KARRI
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH
NAME (PRINT)	
INT.	
DATE	



HWY 427 EXPANSION OVERHEAD SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0019	A



VARIABLE MESSAGE SIGN BOARD



VMS-S3
 HIGHWAY 427 SB
 STATION 23+510(SOUTH OF REXDALE/DERRY RD.)
 FRONT ELEVATION
 (IN DIRECTION OF TRAFFIC)

NO.	DATE	REVISIONS	BY	CHK	LEAD. ENG.	PROJ. MGR.
A	18/06/08	50% SUBMISSION TO CA				

SCALE :

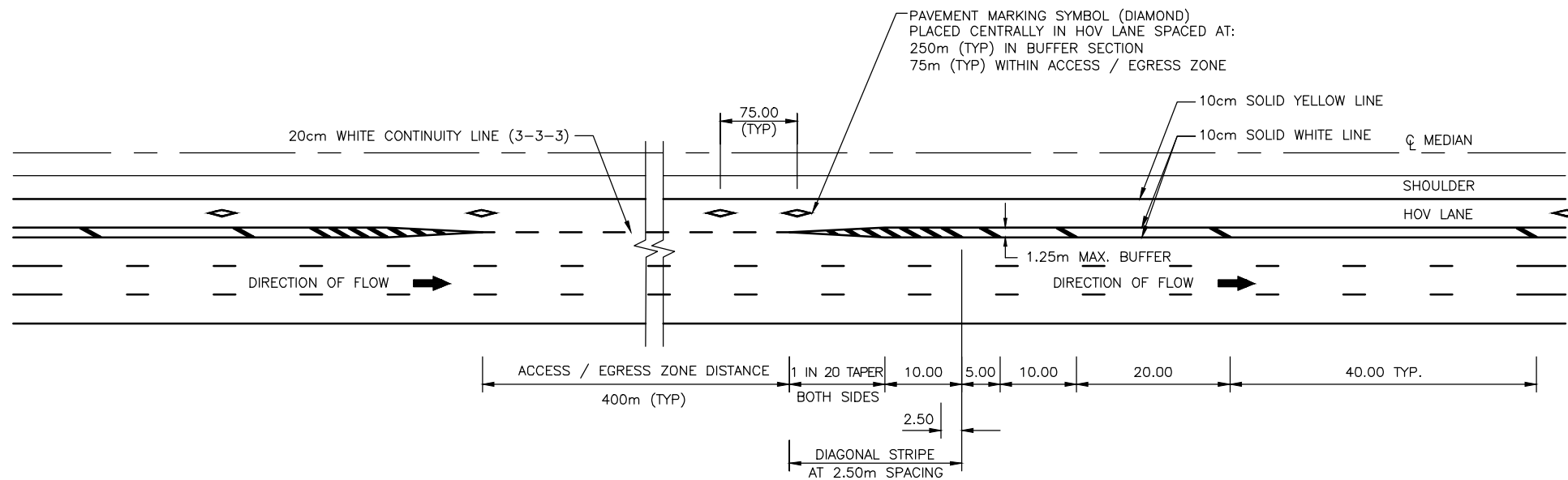
N.T.S

DESIGNED	MICHAEL ETINGEN
DRAWN	GALTHAM KARRI
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JONATHAN MOHACSI
APPROVED PROJ. MANAGER	PETER BAMFORTH

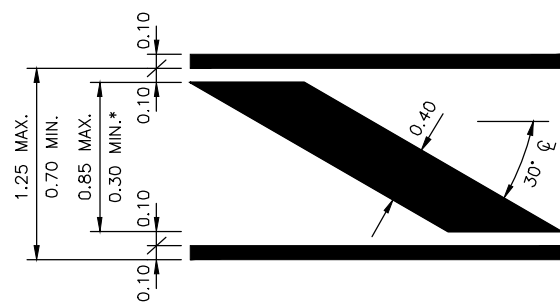
CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



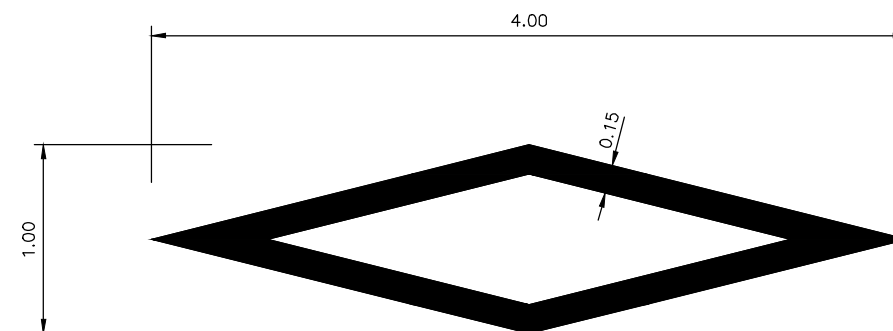
HWY 427 EXPANSION VARIABLE MESSAGE SIGNS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	F	10	HWY	000	DWG	0020	A



**DETAIL OF START / END OF BUFFER
ACCESS / EGRESS ZONE**
N.T.S.



BUFFER — DETAIL OF CHEVRON
* DELETE CHEVRON FOR BUFFER WIDTH < 0.70m
N.T.S.



DETAIL OF DIAMOND
N.T.S.

NO.	DATE	REVISIONS	BY	CHK	LEAD DISC.	PROJ. MAN.
A	19/01/25	90% SUBMISSION TO CA	K.L.	D.C.	J.K.	P.B.

SCALE :

N.T.S.

DESIGNED	KYLE LATHWELL
DRAWN	KYLE LATHWELL
CHECKED	DUNCAN CAMPBELL
APPROVED LEAD ENGINEER	JOE KO
APPROVED PROJ. MANAGER	PETER BAMFORTH
CONSULTANT	
NAME (PRINT)	
INT.	
DATE	



TITLE							
HWY 427 EXPANSION							
MISCELLAENOUS DETAILS							
PROJECT ID.	STAGE IDENTIFIER	DESIGN PACKAGE NUMBER	DISCIPLINE	STRUCTURE NUMBER	DOCUMENT TYPE	DRAWING NUMBER	REVISION NUMBER
H427-D	N	6	HWY	000	DWG	0062	A