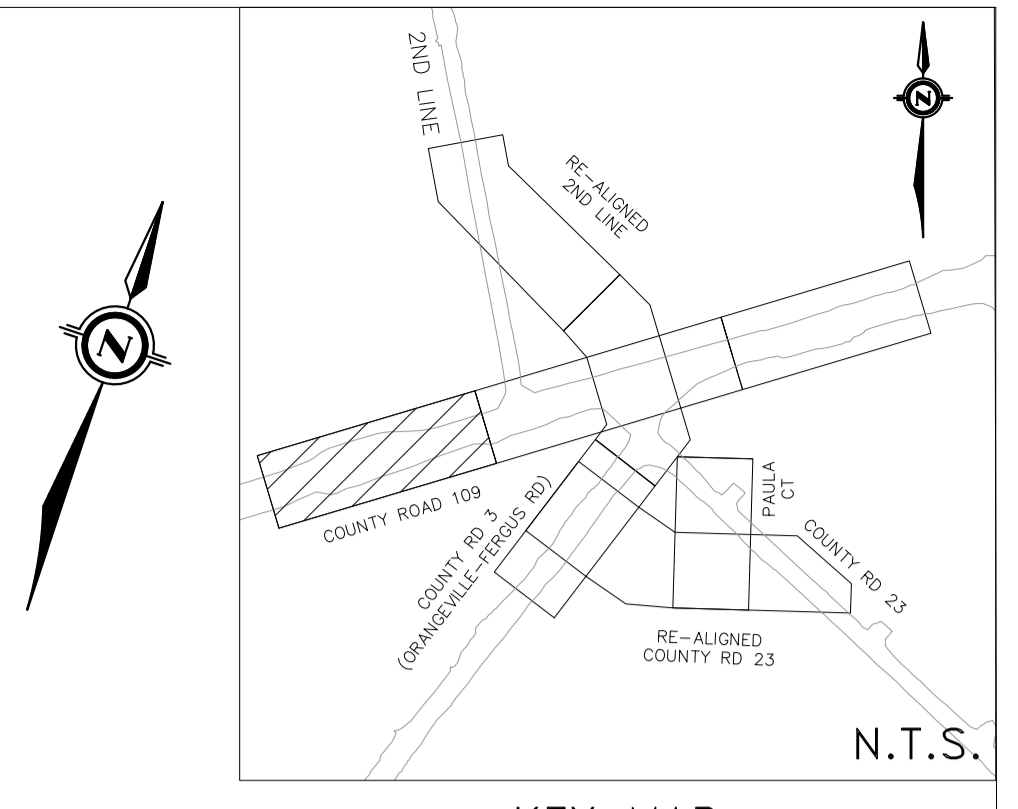
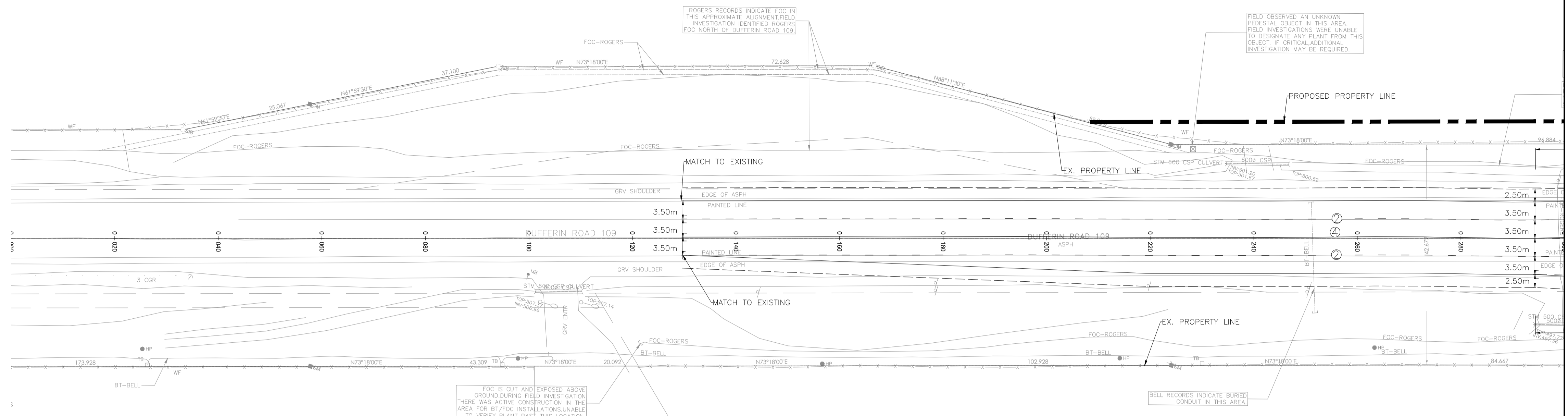
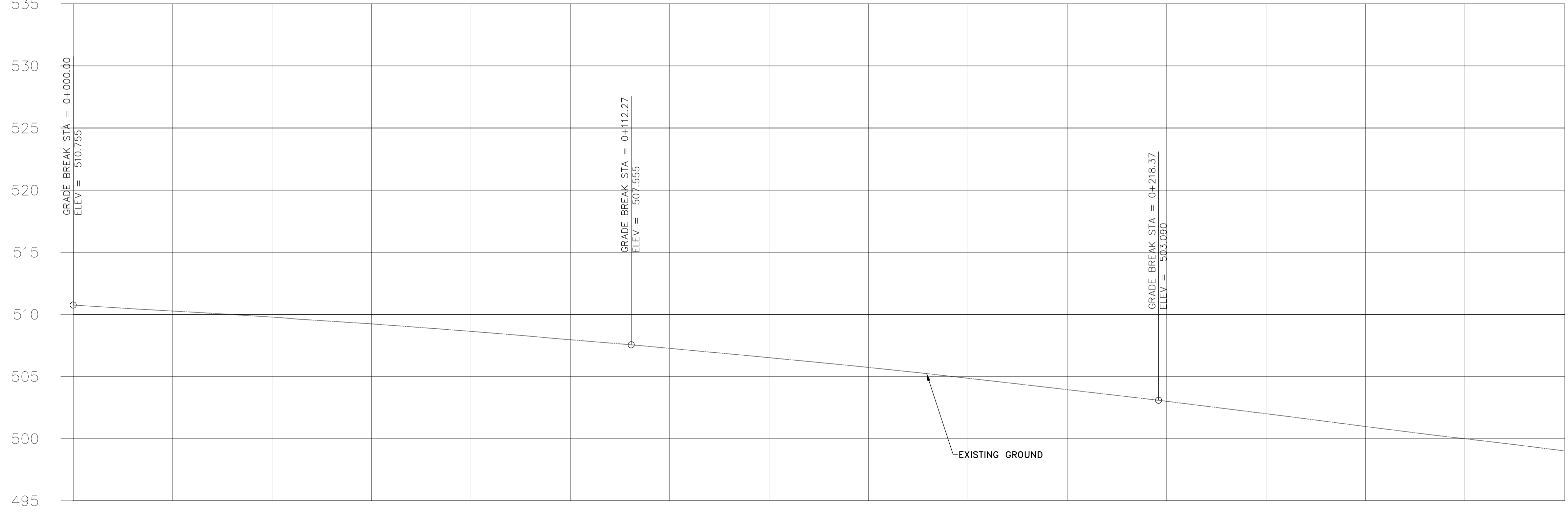


APPENDIX N

Preliminary Design Plan



DUFFERIN COUNTY ROAD 109



EXISTING/PROPOSED ELEVATION

STATION

510.75	510.27	509.79	509.24	508.64	507.96	507.27	506.52	505.74	504.86	503.95	503.01	502.01	500.98	500.00	499.02
0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300

- NOTES:
- EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULINA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 - ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 - THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 - THE LOCATION OF UTILITIES SHOWN ON PLAN IS APPROXIMATE AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND APPROPRIATE UTILITY COMPANY CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL ASSUME LIABILITY FOR DAMAGE DURING THE COURSE OF CONSTRUCTION.
 - ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT DUFFERIN COUNTY STANDARD AND OPS STANDARD SPECIFICATIONS.
 - THE CONTRACTOR SHALL PROVIDE A 48 HOUR ADVANCE NOTICE TO THE CONTRACT ADMINISTRATOR PRIOR TO THE START OF ANY WORK ON MILLING OR SURFACING OPERATION.
 - ANY DAMAGE TO EXISTING STRUCTURES, SERVICES OR UTILITIES DURING REMOVALS OR CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR, AT NO COST TO THE COUNTY.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY AND SHALL REINSTATE /REPAIR SAME AT NO COST TO THE COUNTY.
 - MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH THE GEOTECHNICAL INVESTIGATION)
 - DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS AND DATUMS ON SITE AND REPORT AND DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION
 - THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT
 - DO NOT SCALE THE DRAWINGS

MATCH LINE SEE DRAWING C-2, SHEET 2

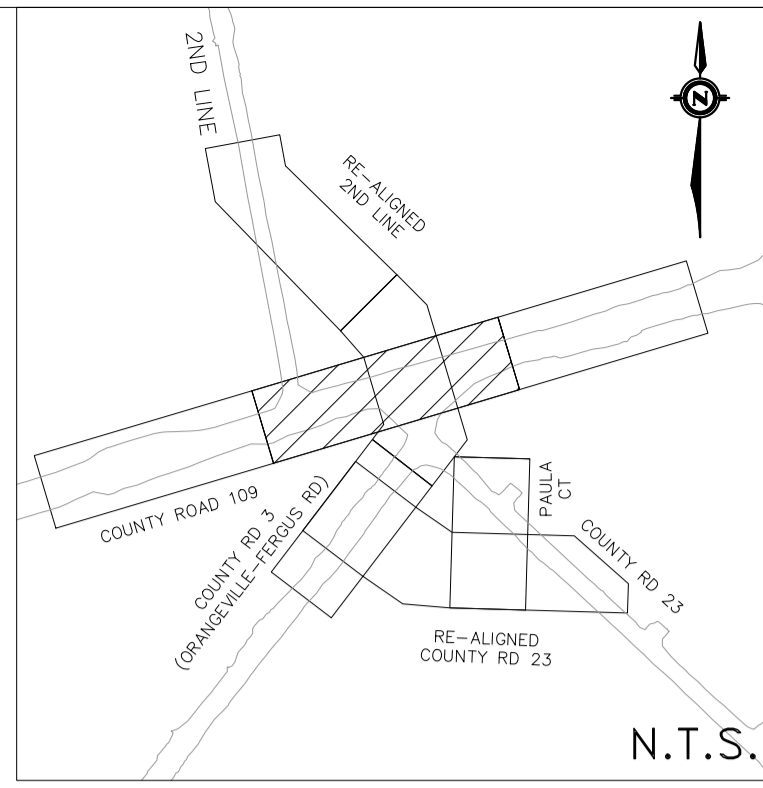
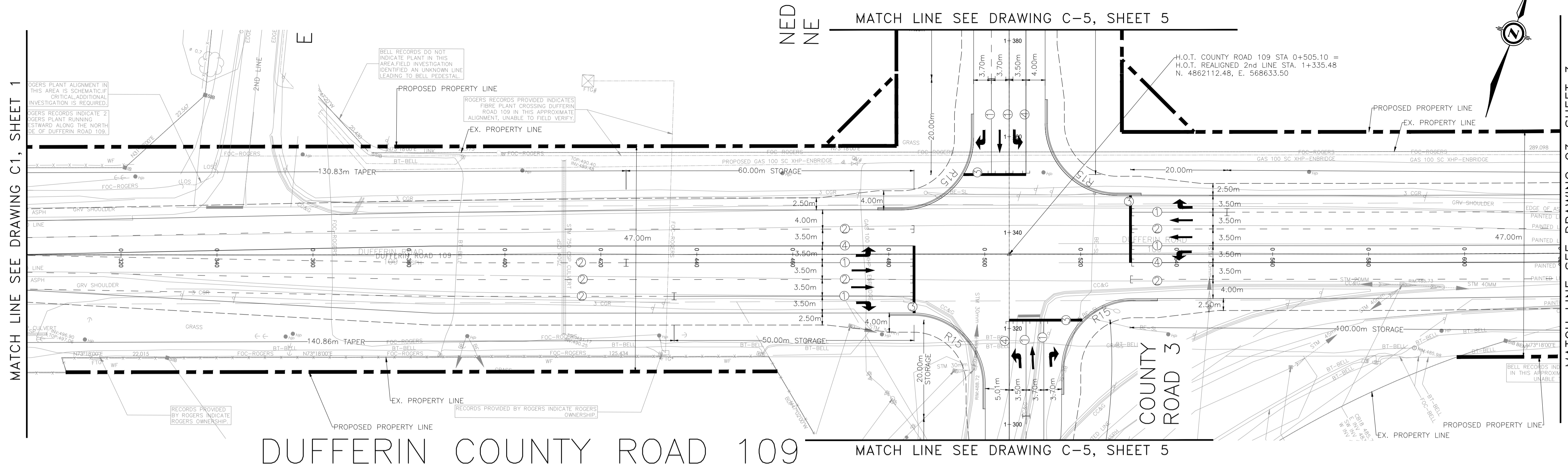
DUFFERIN COUNTY ROAD 109 FROM 350m WEST OF 2ND LINE TO 550m EAST OF 2ND LINE PLAN-PROFILE



DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No.	XXX-XXX
SCALE:	1 : 500		DRAWING NUMBER	C-1		SHEET	
DATE:	DEC 15, 2023						1

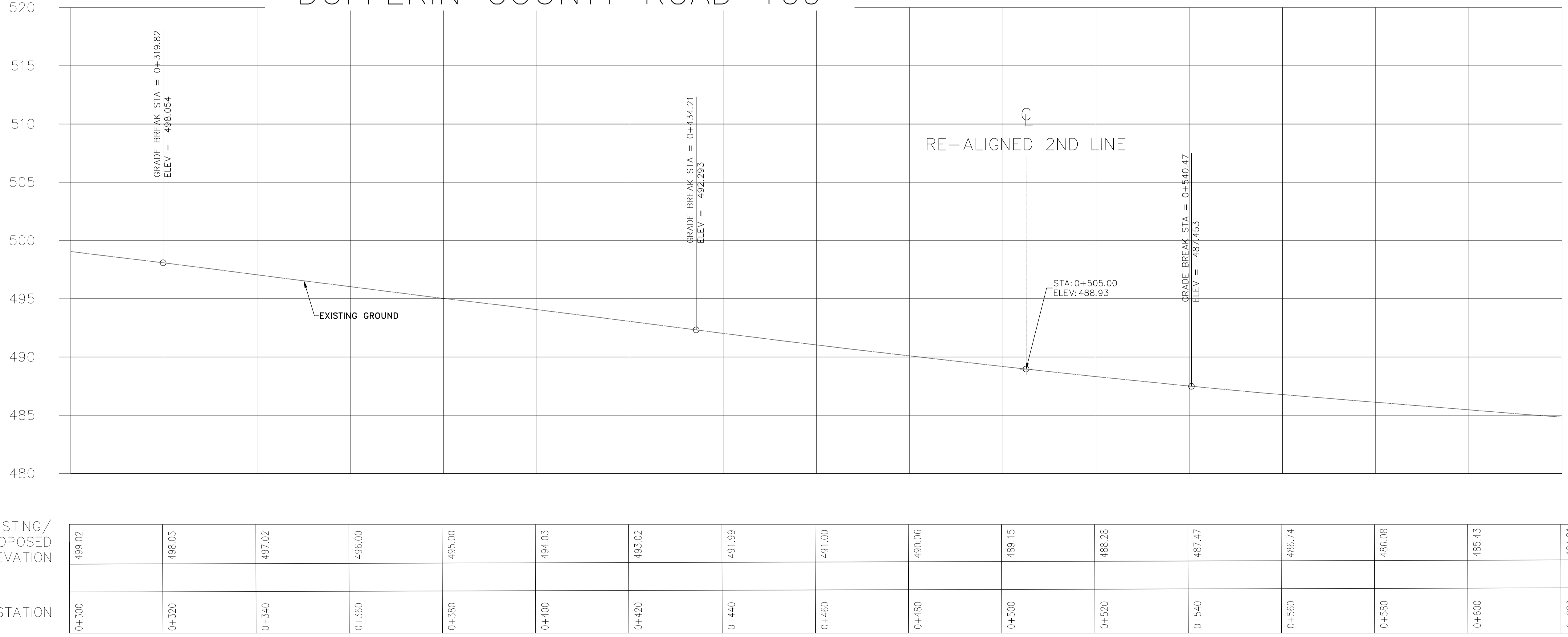
DESIGN														
BASE PLAN														
SURVEY PLAN														
DIGITAL INFORMATION	No.	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.									
		DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED									

I:\corp\ibowan.net\ca\CATH\100\eng\cad\100\eng\cad\100\eng\cad\100\Dufferin County EA Class CF_CAD\Plans\Dufferin County EA_Sheets_Plan-Profile.dwg



- KEY MAP**
- LEGEND:**
- ① 10 cm SOLID WHITE LINE
 - ② 10cm WHITE LINE 3m x 3m
 - ③ 60cm STOP BAR
 - ④ 10cm SOLID YELLOW LINE
 - I TRANSITION

- NOTES:**
1. EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 3. THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 4. THE LOCATION OF UTILITIES SHOWN ON PLAN IS APPROXIMATE AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND APPROPRIATE UTILITY COMPANY CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL ASSUME LIABILITY FOR DAMAGE DURING THE COURSE OF CONSTRUCTION.
 5. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT DUFFERIN COUNTY STANDARD AND OPS STANDARD SPECIFICATIONS.
 6. THE CONTRACTOR SHALL PROVIDE A 48 HOUR ADVANCE NOTICE TO THE CONTRACT ADMINISTRATOR PRIOR TO THE START OF ANY WORK ON MILLING OR SURFACING OPERATION.
 7. ANY DAMAGE TO EXISTING STRUCTURES, SERVICES OR UTILITIES DURING REMOVALS OR CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR, AT NO COST TO THE COUNTY.
 8. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY AND SHALL REINSTATE/REPAIR SAME AT NO COST TO THE COUNTY.
 9. MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH THE GEOTECHNICAL INVESTIGATION)
 10. DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION
 11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS AND DATUMS ON SITE AND REPORT AND DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION
 12. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT
 13. DO NOT SCALE THE DRAWINGS



DESIGN										
BASE PLAN										
SURVEY PLAN										
DIGITAL INFORMATION	No.	0	DATE (MM/DD/YYYY)	12/15/2023	ISSUED FOR	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.	INITIAL	SIGNED

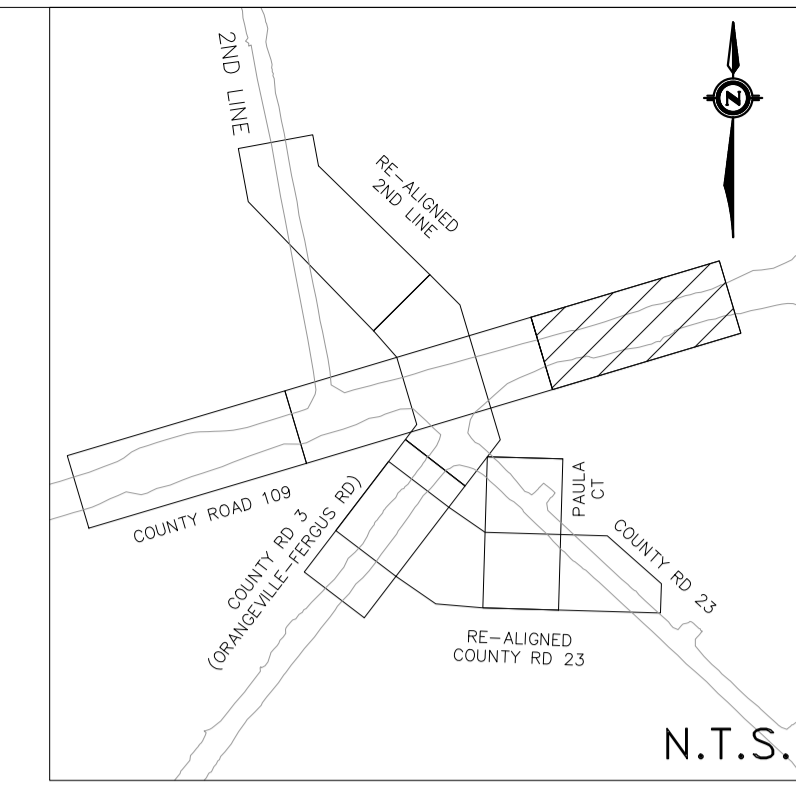
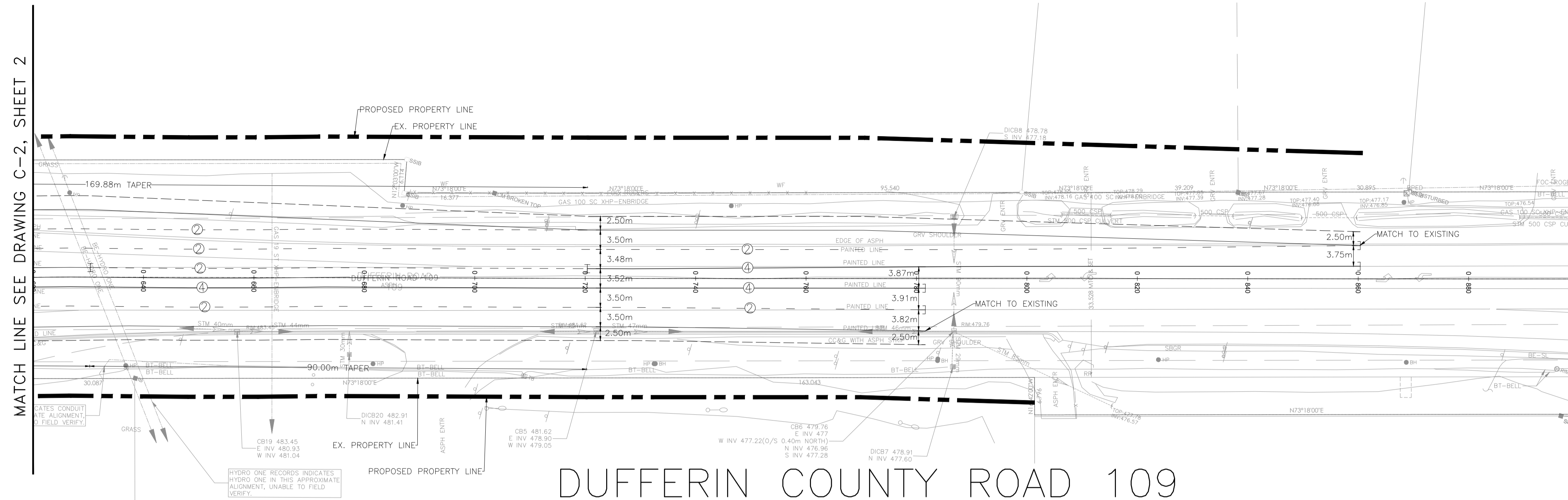


WSP

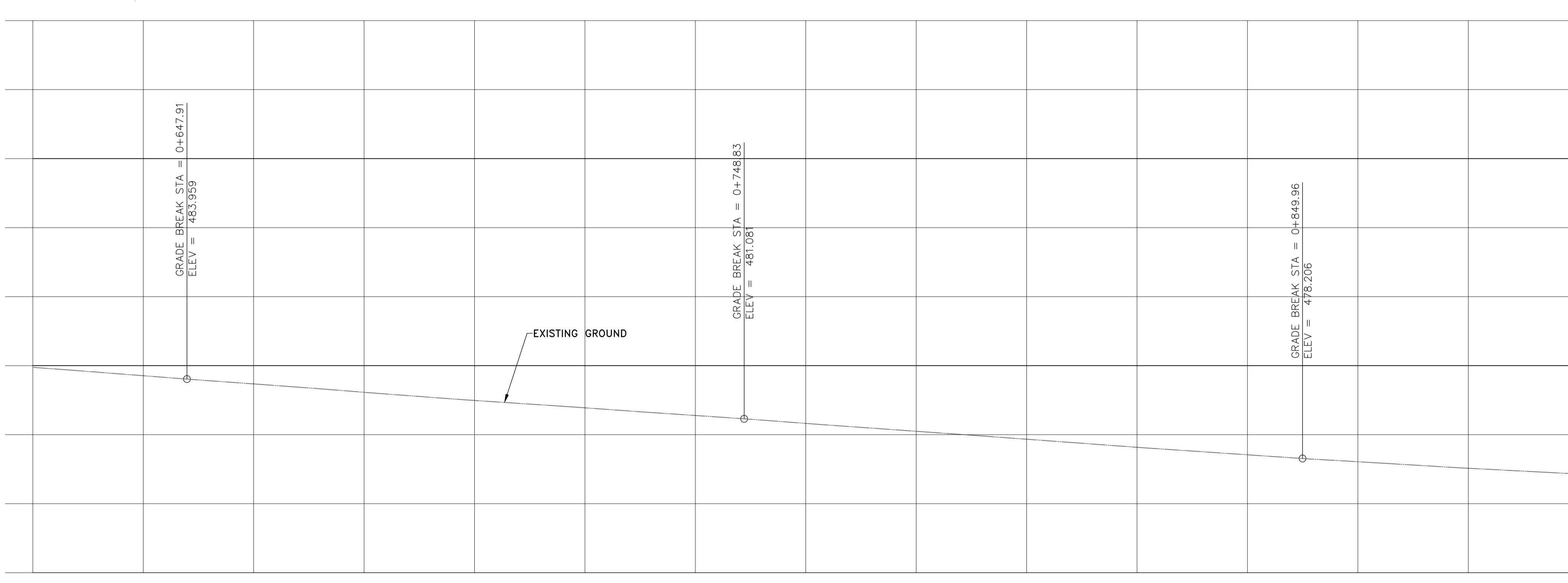
100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

DUFFERIN COUNTY ROAD 109
FROM 350m WEST OF 2ND LINE TO 550m EAST OF 2ND LINE
PLAN-PROFILE

DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No.	XXX-XXX
SCALE:	1 : 500		DRAWING NUMBER		C-2		SHEET
DATE:	DEC 15, 2023						2



- KEY MAP**
- LEGEND:**
- ① 10 cm SOLID WHITE LINE
 - ② 10cm WHITE LINE 3m x 3m
 - ③ 60cm STOP BAR
 - ④ 10cm SOLID YELLOW LINE
 - I TRANSITION



- NOTES:**
1. EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 3. THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE. ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 4. THE LOCATION OF UTILITIES SHOWN ON PLAN IS APPROXIMATE AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND APPROPRIATE UTILITY COMPANY CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL ASSUME LIABILITY FOR DAMAGE DURING THE COURSE OF CONSTRUCTION.
 5. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT DUFFERIN COUNTY STANDARD AND OPS STANDARD SPECIFICATIONS.
 6. THE CONTRACTOR SHALL PROVIDE A 48 HOUR ADVANCE NOTICE TO THE CONTRACT ADMINISTRATOR PRIOR TO THE START OF ANY WORK ON MILLING OR SURFACING OPERATION.
 7. ANY DAMAGE TO EXISTING STRUCTURES, SERVICES OR UTILITIES DURING REMOVALS OR CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR. AT NO COST TO THE COUNTY.
 8. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY AND SHALL REINSTATE/REPAIR SAME AT NO COST TO THE COUNTY.
 9. MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH THE GEOTECHNICAL INVESTIGATION)
 10. DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION
 11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS AND DATUMS ON SITE AND REPORT AND DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION
 12. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT
 13. DO NOT SCALE THE DRAWINGS

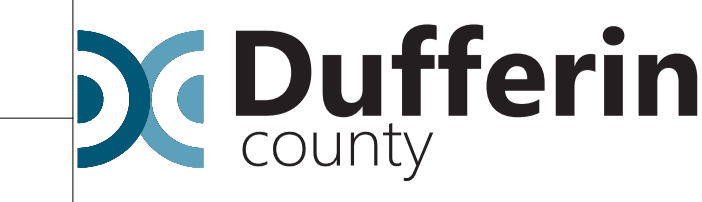
EXISTING/PROPOSED ELEVATION

STATION

484.81	484.20	483.61	483.00	482.41	481.88	481.32	480.75	480.18	479.60	479.02	478.47	477.97	477.50	477.08
0+620	0+640	0+660	0+680	0+700	0+720	0+740	0+760	0+780	0+800	0+820	0+840	0+860	0+880	0+900

I:\corp\ibonan\eta\ca\CATHL\100\eng\cad\100\eng\cad\100 Dufferin County EA Class CF. CAD\Plans\Dufferin County EA Sheets_Plan-Pr.dwg

DESIGN	BASE PLAN	SURVEY PLAN	No.	DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED
			0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.



wsp

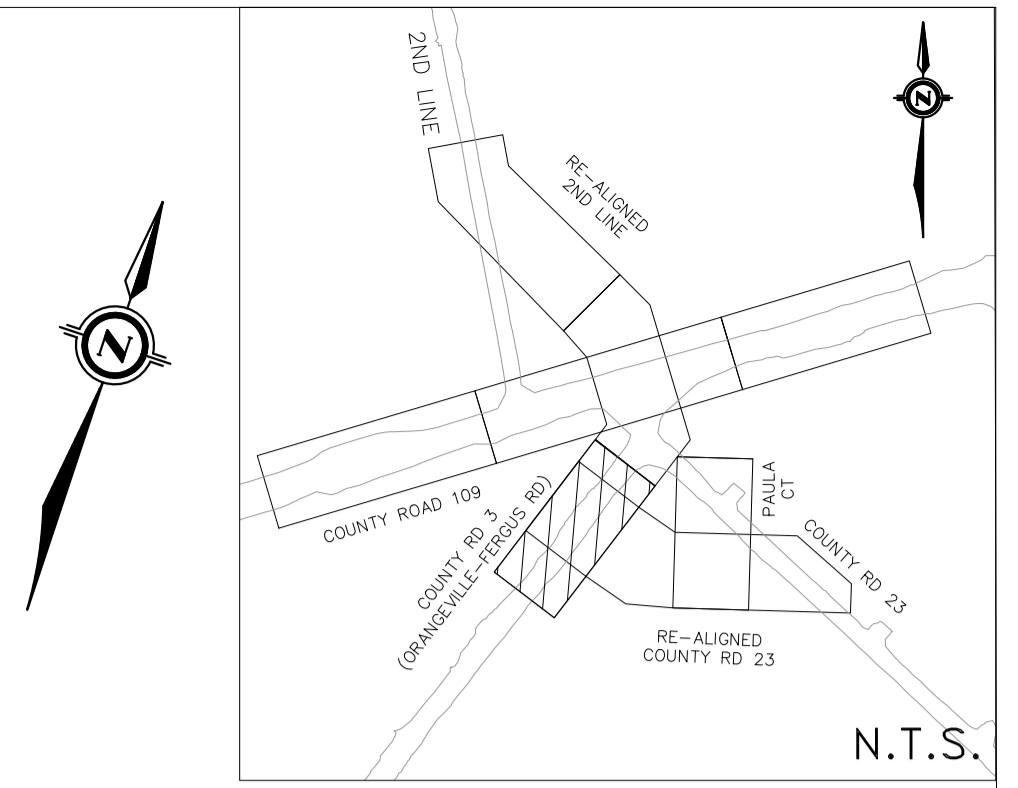
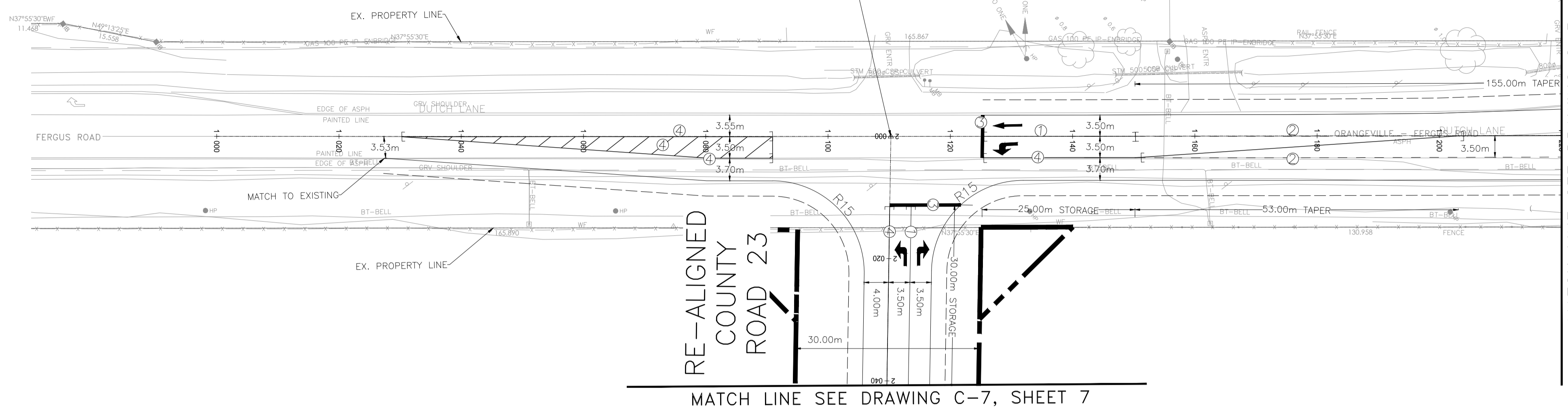
100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

DUFFERIN COUNTY ROAD 109
FROM 350m WEST OF 2ND LINE TO 550m EAST OF 2ND LINE
PLAN-PROFILE

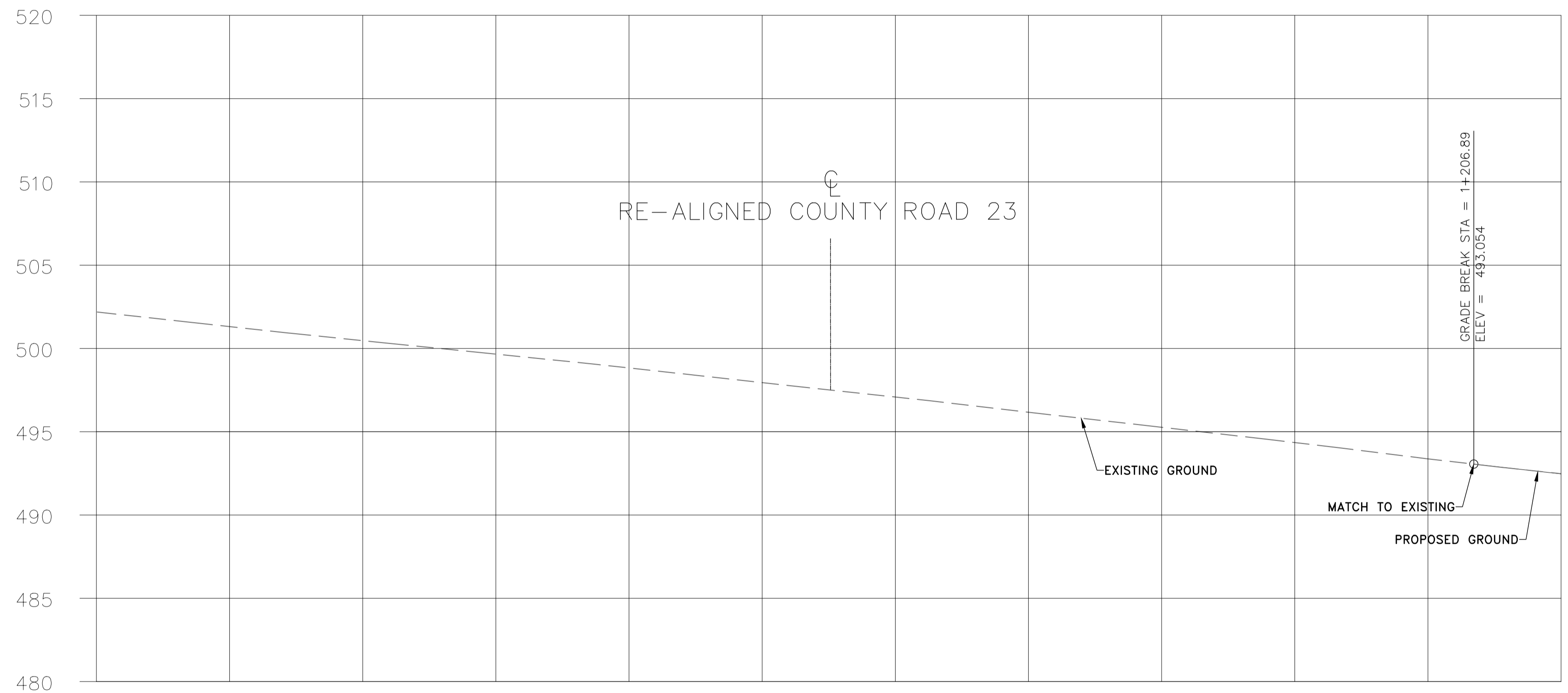
DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No.	XXX-XXX
SCALE:	1 : 500			DRAWING NUMBER	C-3		
DATE:	DEC 15, 2023					SHEET	3

DUFFERIN COUNTY ROAD 3

H.O.T. COUNTY ROAD 3 STA 1+110.28
 H.O.T. REALIGNED COUNTY RD 23 STA. 2+000.00
 N. 4861918.67, E. 568556.18



- KEY MAP**
- LEGEND:**
- ① 10 cm SOLID WHITE LINE
 - ② 10cm WHITE LINE 3m x 3m
 - ③ 60cm STOP BAR
 - ④ 10cm SOLID YELLOW LINE
 - ⊥ TRANSITION



- NOTES:**
1. EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 3. THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 4. THE LOCATION OF UTILITIES SHOWN ON PLAN IS APPROXIMATE AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND APPROPRIATE UTILITY COMPANY CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL ASSUME LIABILITY FOR DAMAGE DURING THE COURSE OF CONSTRUCTION.
 5. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT DUFFERIN COUNTY STANDARD AND OPS STANDARD SPECIFICATIONS.
 6. THE CONTRACTOR SHALL PROVIDE A 48 HOUR ADVANCE NOTICE TO THE CONTRACT ADMINISTRATOR PRIOR TO THE START OF ANY WORK ON MILLING OR SURFACING OPERATION.
 7. ANY DAMAGE TO EXISTING STRUCTURES, SERVICES OR UTILITIES DURING REMOVALS OR CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR, AT NO COST TO THE COUNTY.
 8. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY AND SHALL REINSTATE /REPAIR SAME AT NO COST TO THE COUNTY.
 9. MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH THE GEOTECHNICAL INVESTIGATION)
 10. DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION
 11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS AND DATUMS ON SITE AND REPORT AND DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION
 12. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT
 13. DO NOT SCALE THE DRAWINGS

EXISTING/PROPOSED ELEVATION	502.19	501.31	500.47	499.66	498.83	497.95	497.08	496.17	495.27	494.35	493.37	492.48
STATION	1+000	1+020	1+040	1+060	1+080	1+100	1+120	1+140	1+160	1+180	1+200	1+220

wsp

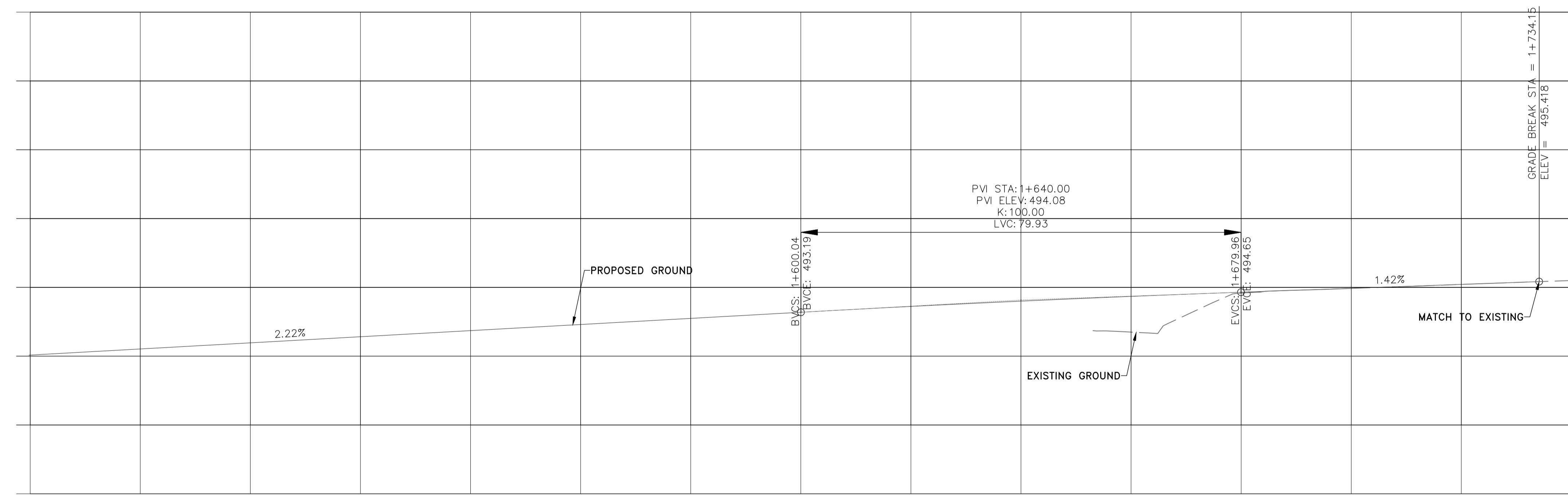
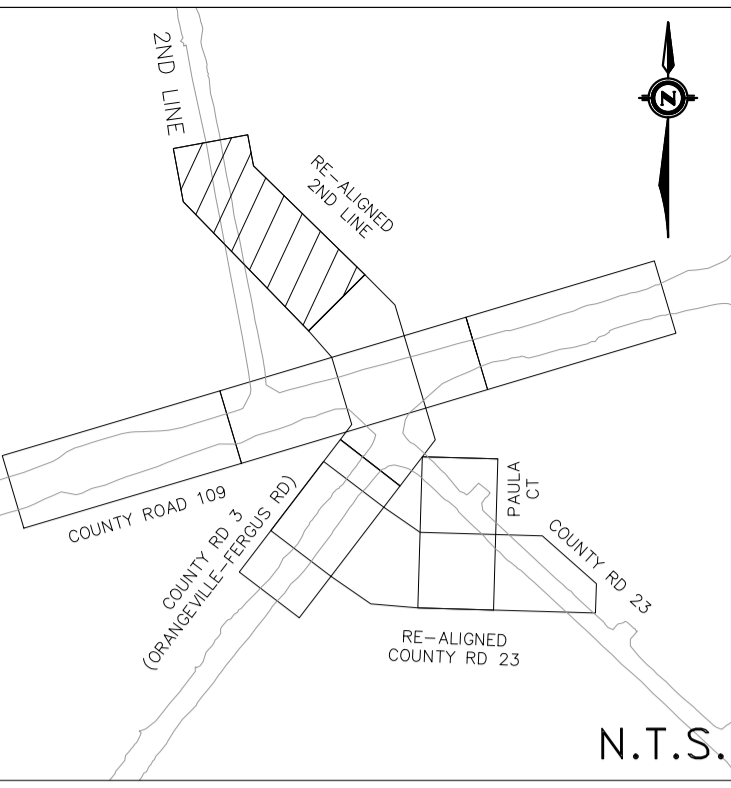
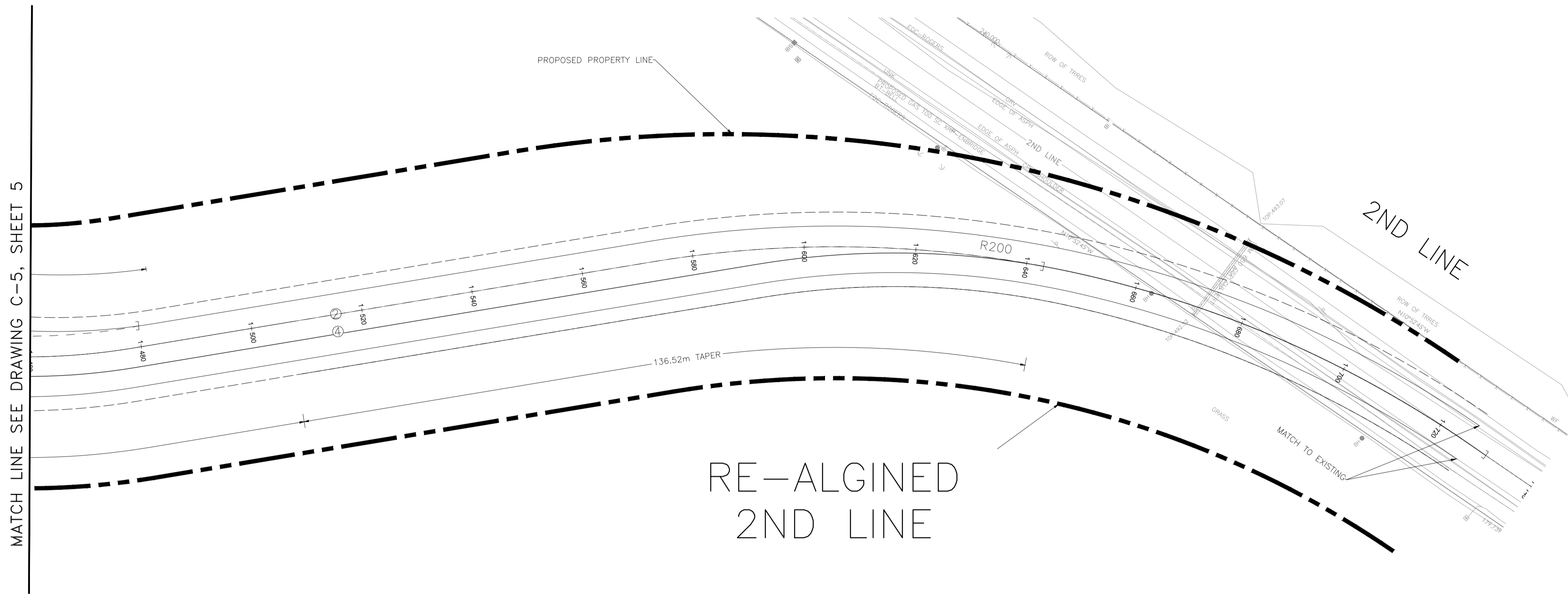
100 COMMERCE VALLEY DRIVE WEST, THORNHILL
 L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

DUFFERIN COUNTY ROAD 3
 FROM 235m SOUTH OF COUNTY RD 109 TO 415m NORTH OF COUNTY RD 109
 PLAN-PROFILE

DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No.	XXX-XXX
SCALE:	1 : 500		DRAWING NUMBER	C-4		SHEET	4
DATE:	DEC 15, 2023						



DESIGN							
BASE PLAN							
SURVEY PLAN							
DIGITAL INFORMATION	No.	DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED		
	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.		



- NOTES:
- EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 - ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 - THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE. ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 - THE LOCATION OF UTILITIES SHOWN ON PLAN IS APPROXIMATE AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND APPROPRIATE UTILITY COMPANY CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL ASSUME LIABILITY FOR DAMAGE DURING THE COURSE OF CONSTRUCTION.
 - ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT DUFFERIN COUNTY STANDARD AND OPS STANDARD SPECIFICATIONS.
 - THE CONTRACTOR SHALL PROVIDE A 48 HOUR ADVANCE NOTICE TO THE CONTRACT ADMINISTRATOR PRIOR TO THE START OF ANY WORK ON MILLING OR SURFACING OPERATION.
 - ANY DAMAGE TO EXISTING STRUCTURES, SERVICES OR UTILITIES DURING REMOVALS OR CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR, AT NO COST TO THE COUNTY.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY AND SHALL REINSTATE/REPAIR SAME AT NO COST TO THE COUNTY.
 - MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH THE GEOTECHNICAL INVESTIGATION)
 - DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS AND DATUMS ON SITE AND REPORT AND DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION
 - THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT
 - DO NOT SCALE THE DRAWINGS

STATION	EXISTING/PROPOSED ELEVATION
1+460	
1+480	
1+500	
1+520	
1+540	
1+560	
1+580	
1+600	
1+620	
1+640	
1+660	491.75
1+680	494.58
1+700	494.93
1+720	495.22
1+740	495.50



RE-ALIGNED 2ND LINE
FROM 235m SOUTH OF COUNTY RD 109 TO 415m NORTH OF COUNTY RD 109
PLAN-PROFILE

DESIGN									
BASE PLAN									
SURVEY PLAN									
DIGITAL INFORMATION		No.	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN		A.S.	A.G.		
			DATE (MM/DD/YY)	ISSUED FOR		INITIAL	SIGNED		



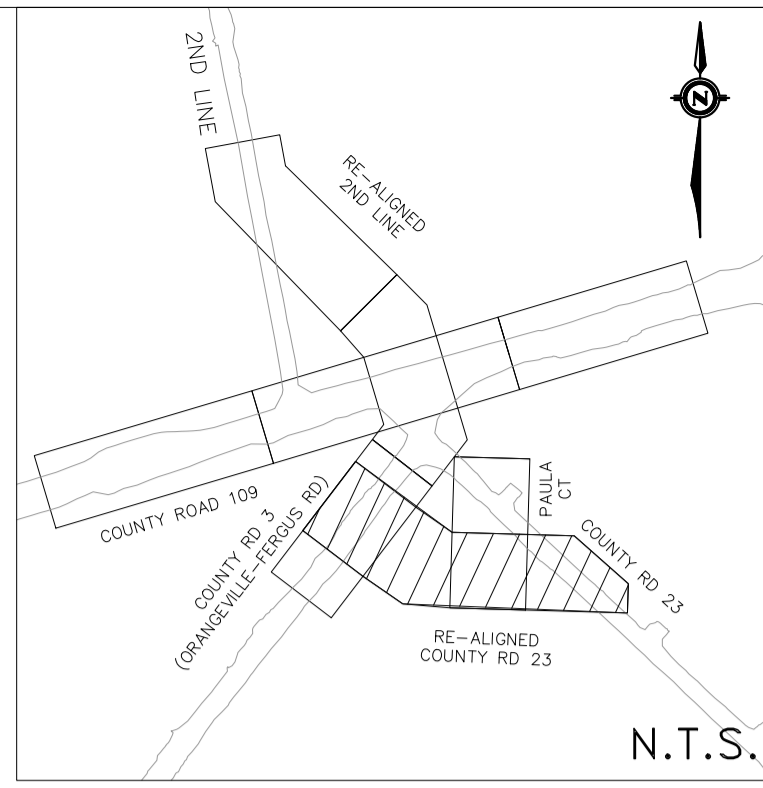
DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No. XXX-XXX			
SCALE:	1 : 500			DRAWING NUMBER		C-6			
DATE:	DEC 15, 2023					SHEET 6			

V:\corp_data\meca\CA\HL\00\eng\cad\01\022221-08590-00 Dufferin County EA Class CF_CAD\Plans\Dufferin County EA_Sheets_Plan-Pr.dwg

MATCH LINE SEE DRAWING C-4 SHEET 4

MATCH LINE SEE DRAWING C-8, SHEET 8

- NOTES:
- ANY DAMAGE TO EXISTING STRUCTURES, SERVICES OR UTILITIES DURING REMOVALS OR CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR, AT NO COST TO THE COUNTY.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY AND SHALL REINSTATE /REPAIR SAME AT NO COST TO THE COUNTY.
 - MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH THE GEOTECHNICAL INVESTIGATION)
 - DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS AND DATUMS ON SITE AND REPORT AND DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION
 - THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT
 - DO NOT SCALE THE DRAWINGS



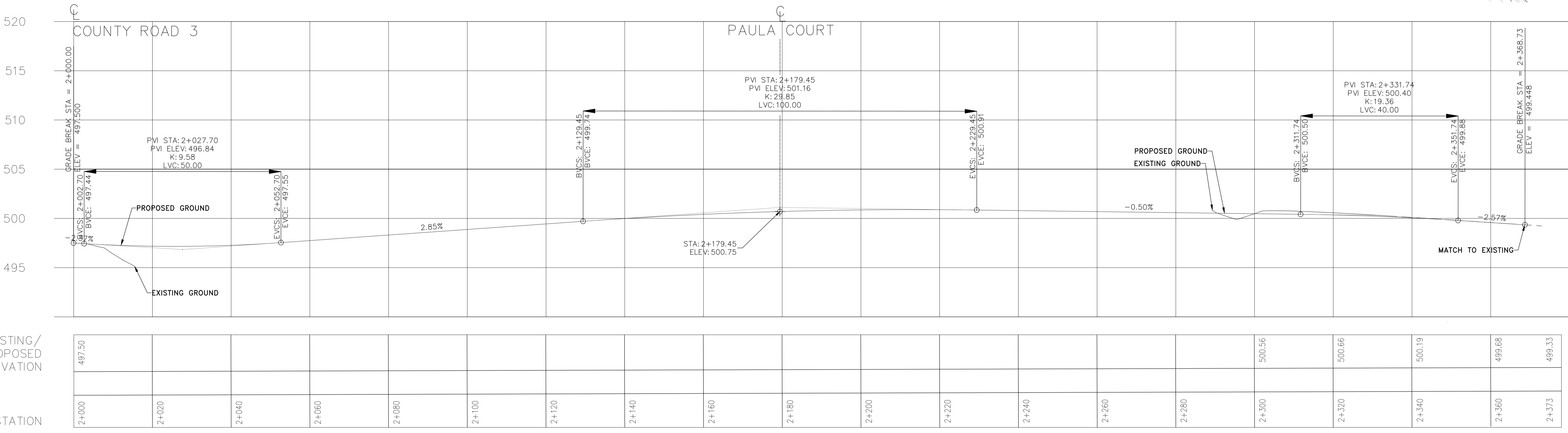
KEY MAP

LEGEND:

- ① 10 cm SOLID WHITE LINE
- ② 10cm WHITE LINE 3m x 3m
- ③ 60cm STOP BAR
- ④ 10cm SOLID YELLOW LINE
- ⊥ TRANSITION

MATCH LINE SEE DRAWING C-4 SHEET 4

- NOTES:
- EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 - ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 - THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 - THE LOCATION OF UTILITIES SHOWN ON PLAN IS APPROXIMATE AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND APPROPRIATE UTILITY COMPANY CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL ASSUME LIABILITY FOR DAMAGE DURING THE COURSE OF CONSTRUCTION.
 - ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT DUFFERIN COUNTY STANDARD AND OPS STANDARD SPECIFICATIONS.
 - THE CONTRACTOR SHALL PROVIDE A 48 HOUR ADVANCE NOTICE TO THE CONTRACT ADMINISTRATOR PRIOR TO THE START OF ANY WORK ON MILLING OR SURFACING OPERATION.



DESIGN																						
BASE PLAN																						
SURVEY PLAN																						
DIGITAL INFORMATION	No.	DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED																	
	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.																	



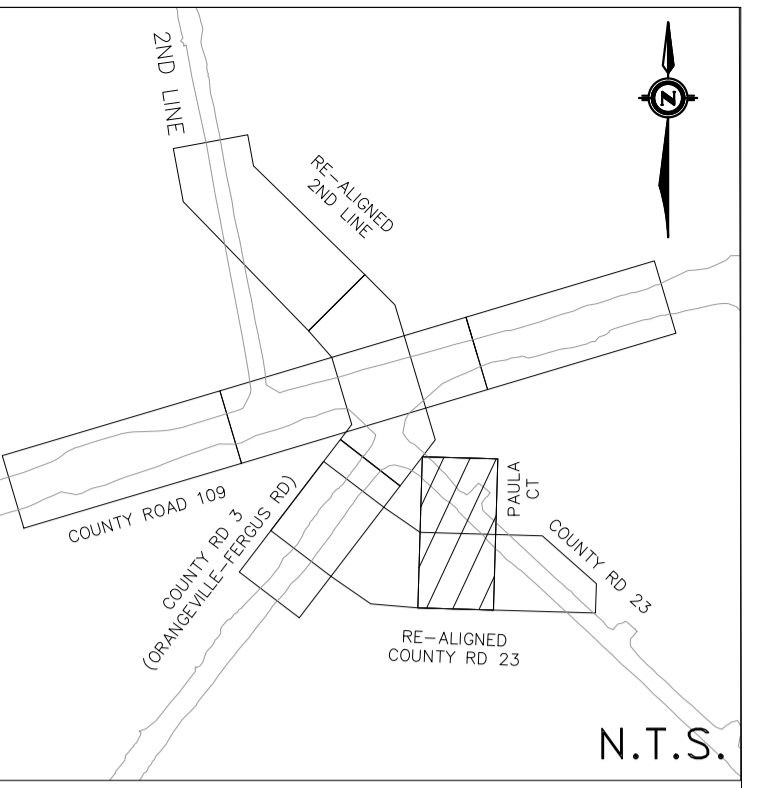
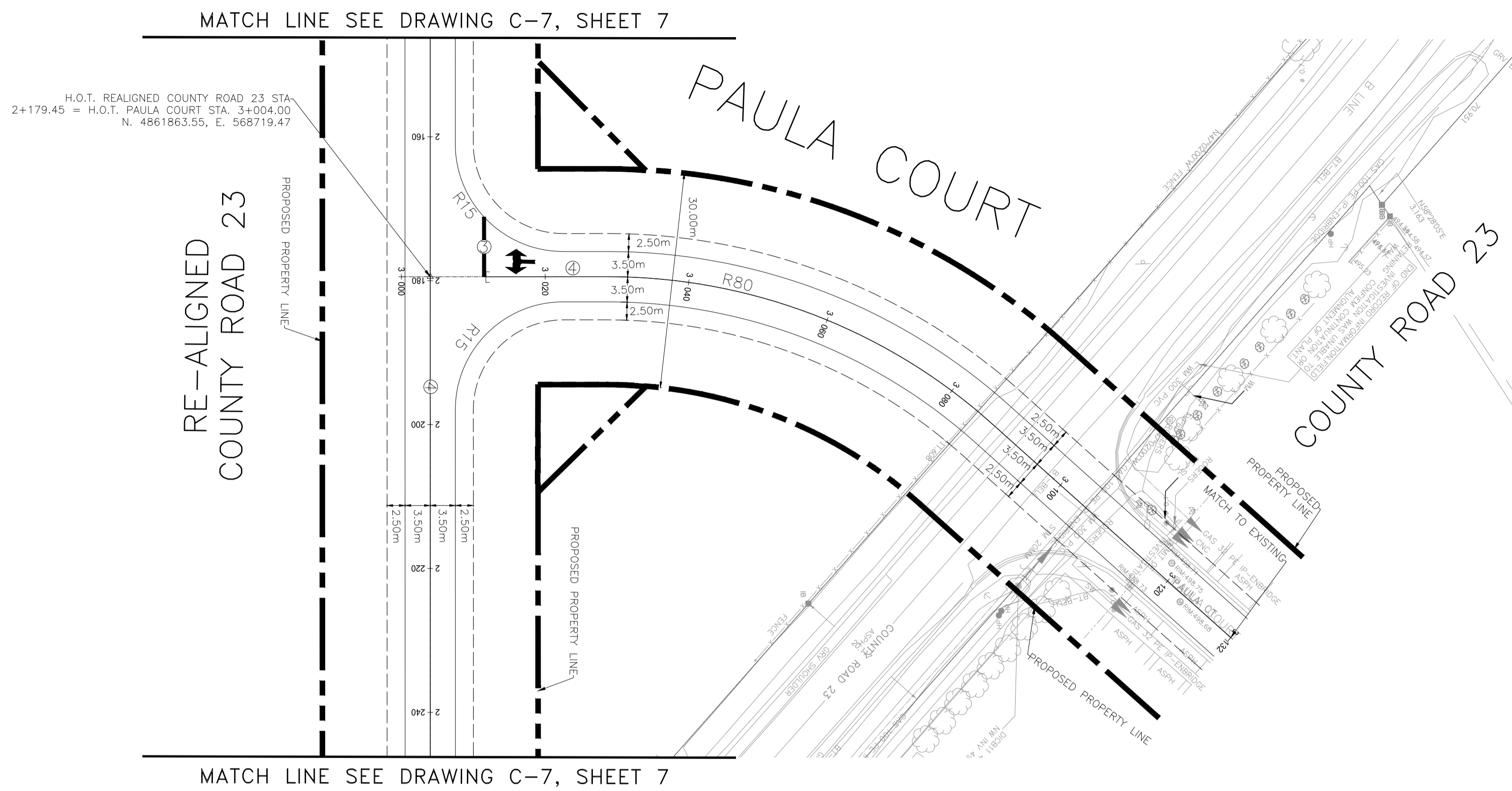
wsp

100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

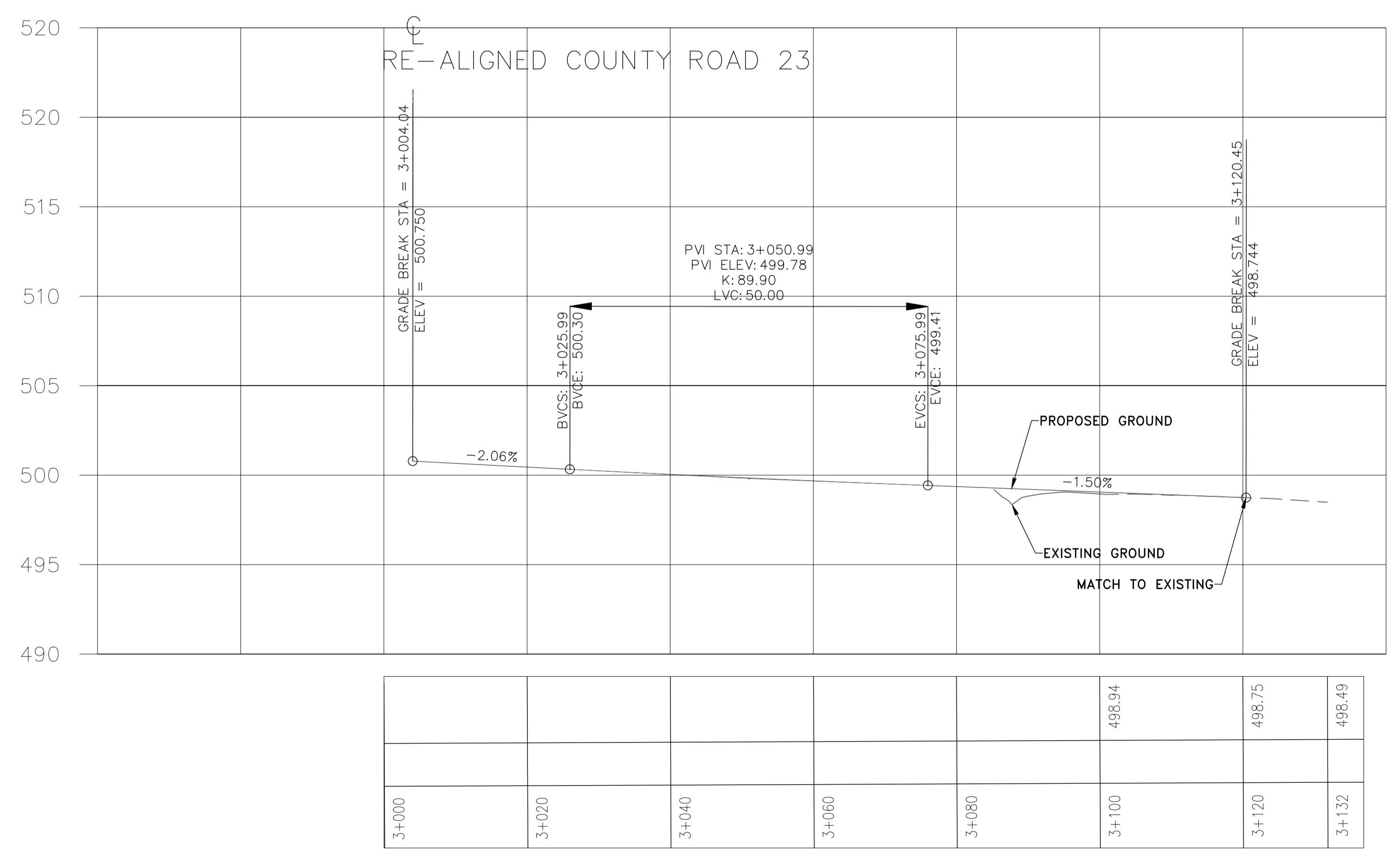
RE-ALIGNED COUNTY ROAD 23
FROM COUNTY RD 3 TO COUNTY RD 23
PLAN-PROFILE

DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No.	XXX-XXX
SCALE:	1 : 500		DRAWING NUMBER	C-7		SHEET	
DATE:	DEC 15, 2023						7

U:\proj\ibwan\ref\ca\cath\100\eng\cad\15\108590-00 Dufferin County EA Class CF CAD\Plans\Dufferin County EA Sheets_Plan-Profile



- ### KEY MAP
- #### LEGEND:
- ① 10 cm SOLID WHITE LINE
 - ② 10cm WHITE LINE 3m x 3m
 - ③ 60cm STOP BAR
 - ④ 10cm SOLID YELLOW LINE
 - I TRANSITION



- ### NOTES:
1. EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 3. THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 4. THE LOCATION OF UTILITIES SHOWN ON PLAN IS APPROXIMATE AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND APPROPRIATE UTILITY COMPANY CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL ASSUME LIABILITY FOR DAMAGE DURING THE COURSE OF CONSTRUCTION.
 5. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT DUFFERIN COUNTY STANDARD AND OPS STANDARD SPECIFICATIONS.
 6. THE CONTRACTOR SHALL PROVIDE A 48 HOUR ADVANCE NOTICE TO THE CONTRACT ADMINISTRATOR PRIOR TO THE START OF ANY WORK ON MILLING OR SURFACING OPERATION.
 7. ANY DAMAGE TO EXISTING STRUCTURES, SERVICES OR UTILITIES DURING REMOVALS OR CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR, AT NO COST TO THE COUNTY.
 8. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO PRIVATE PROPERTY AND SHALL REINSTATE /REPAIR SAME AT NO COST TO THE COUNTY.
 9. MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH THE GEOTECHNICAL INVESTIGATION)
 10. DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION
 11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS AND DATUMS ON SITE AND REPORT AND DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION
 12. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT
 13. DO NOT SCALE THE DRAWINGS

100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

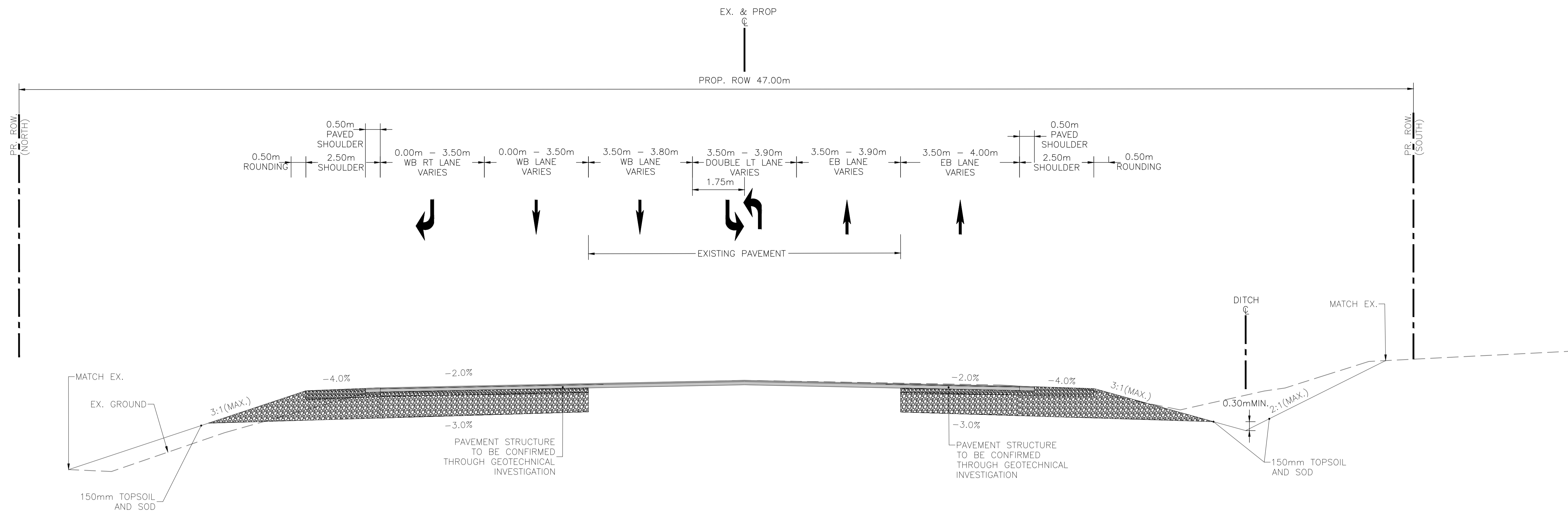
PAULA COURT
FROM RE-ALIGNED COUNTY RD 23 TO COUNTY RD 23
PLAN-PROFILE



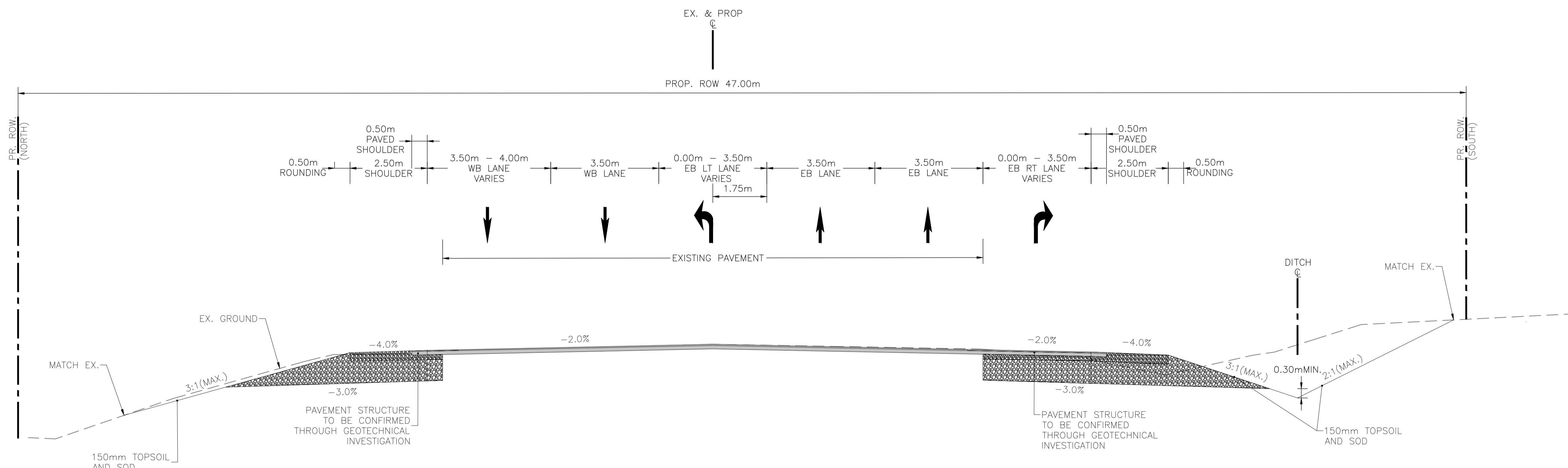
DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No.	XXX-XXX	
SCALE:	1 : 500			DRAWING NUMBER	C-8			SHEET
DATE:	DEC 15, 2023						8	

I:\corp\ibowan\heta\ca\CATHL\00\eng\cad\DW\62022221-08590-00 Dufferin County EA Class CF_CAD\Plans\Dufferin County EA_Sheets_PlanP1.dwg

DESIGN									
BASE PLAN									
SURVEY PLAN									
DIGITAL INFORMATION	No.	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN		A.S.	A.G.		
	DATE (MM/DD/YYYY)			ISSUED FOR		INITIAL	SIGNED		



COUNTY ROAD 109
STA. 0+660



COUNTY ROAD 109
STA. 0+460

- NOTES:
1. EXISTING GROUND INFOR
 2. ALL DIMENSIONS ARE IN
 3. THE CONTRACTOR SHALL
 4. MINIMUM ROADWAY PAVE
 5. DRIVEWAY STRUCTURE/M

wsp

100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

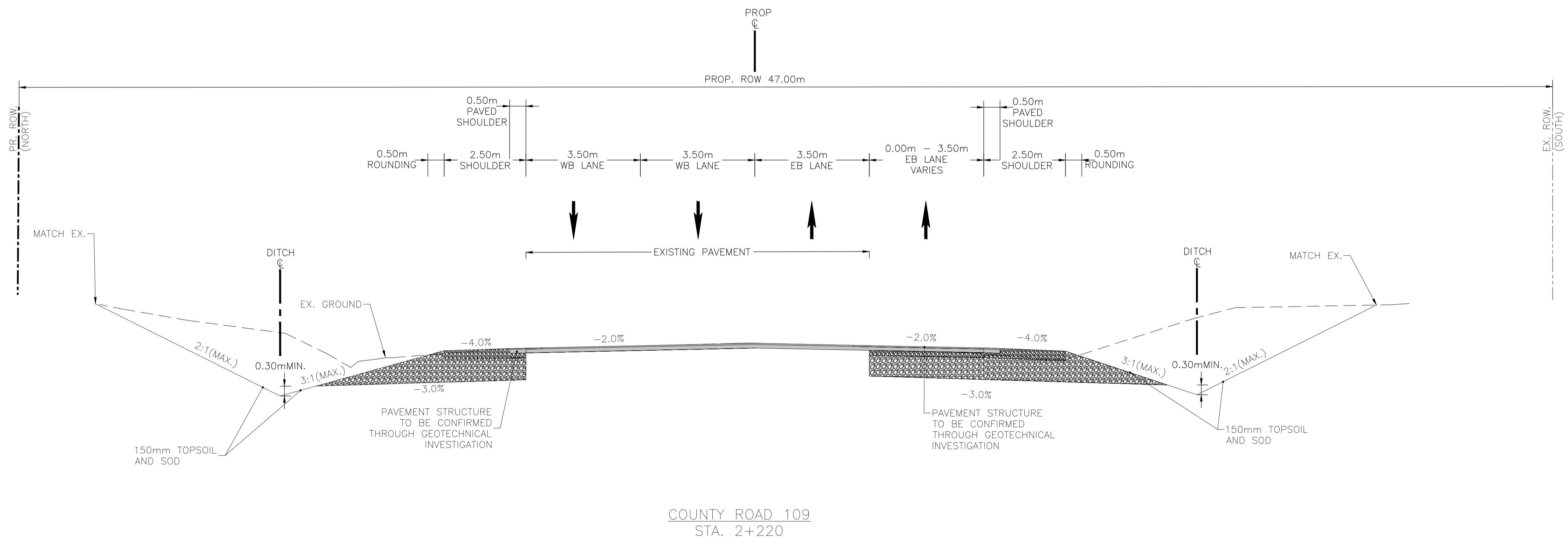
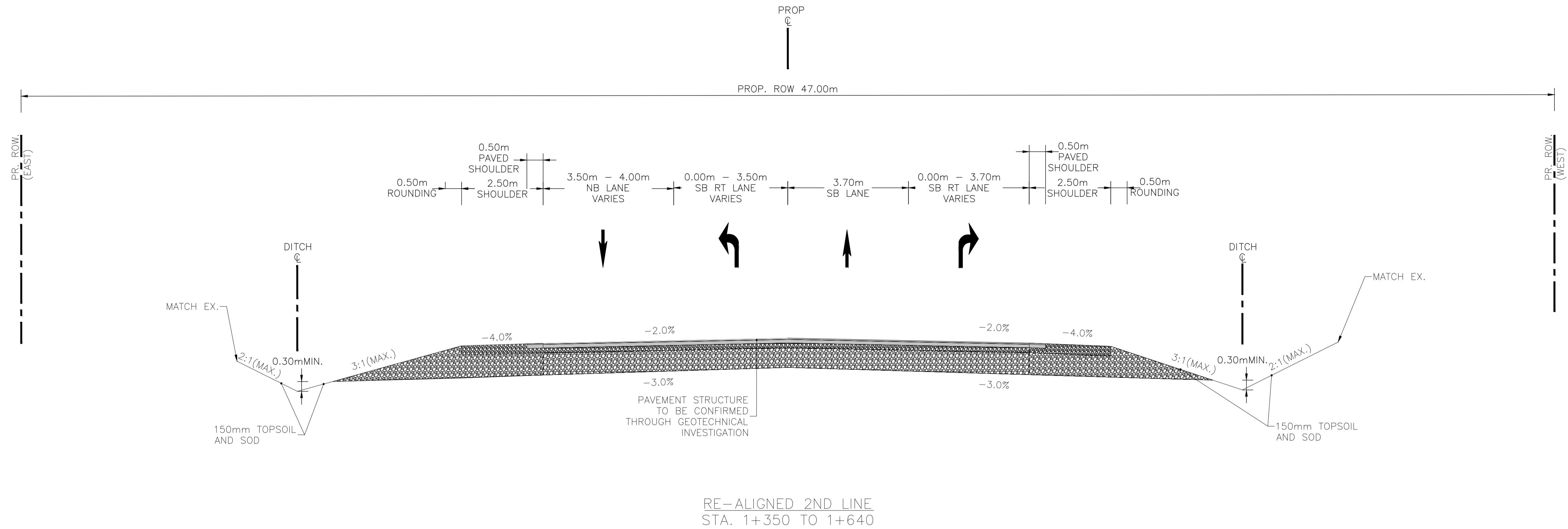
DUFFERIN COUNTY EA
DUFFERIN COUNTY ROAD 109, RE-ALIGNED 2ND LINE
TYPICAL SECTIONS



DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No.	XXX-XXX
SCALE:	N.T.S.		DRAWING NUMBER	T-1		SHEET	9
DATE:	DEC 15, 2023						

X:\D\16\2022\21-0689\00 Dufferin County EA Class OF - CAD\Typical\Dufferin County EA_Sheets_Typicals.dwg

DESIGN							
BASE PLAN							
SURVEY PLAN							
DIGITAL INFORMATION	No.	DATE (MM/DD/YY)	ISSUED FOR	INITIAL	SIGNED		
	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.		



- NOTES:**
- EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 - ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 - THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 - MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH GEOTECHNICAL INVESTIGATION).
 - DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION.

wsp

100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

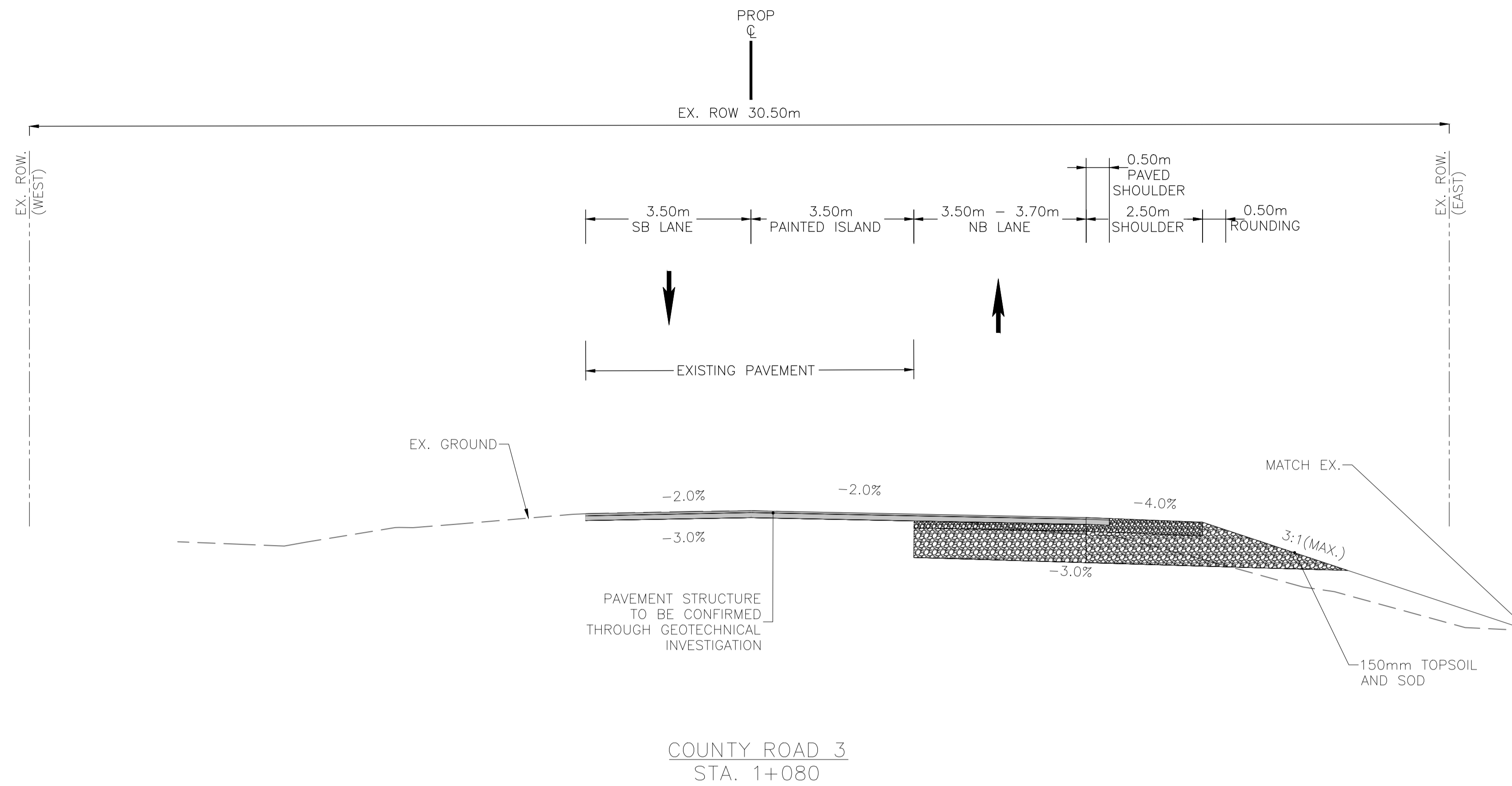
DUFFERIN COUNTY EA
DUFFERIN COUNTY ROAD 109/RE-ALIGNED 2ND LINE
TYPICAL SECTIONS

DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No. XXX-XXX
BASE PLAN						
SURVEY PLAN						
DIGITAL INFORMATION	No.	DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED	
	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.	

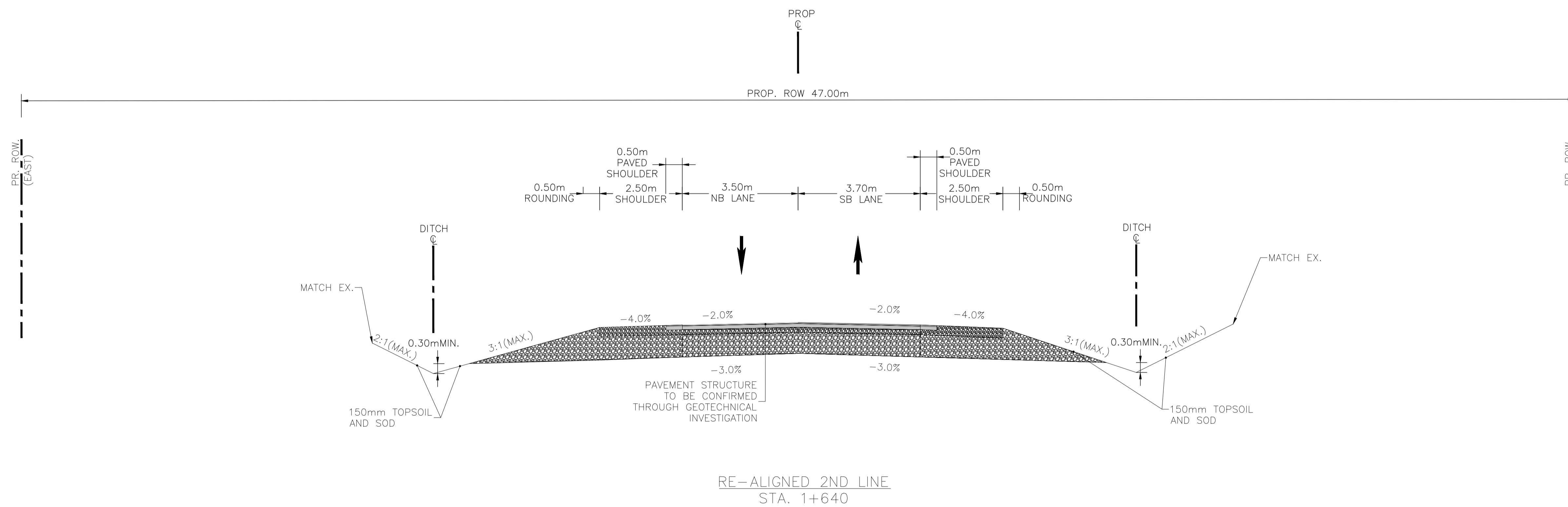


SCALE:	N.T.S.	DRAWING NUMBER	T-2	SHEET	10
DATE:	DEC 15, 2023				

X:\D\16\2022\21-06890-00 Dufferin County EA Class CF - CAD\Typical\Dufferin County EA_Sheets_Typicals.dwg



COUNTY ROAD 3
STA. 1+080



RE-ALIGNED 2ND LINE
STA. 1+640

NOTES:

- EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
- MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH GEOTECHNICAL INVESTIGATION).
- DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION.



100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

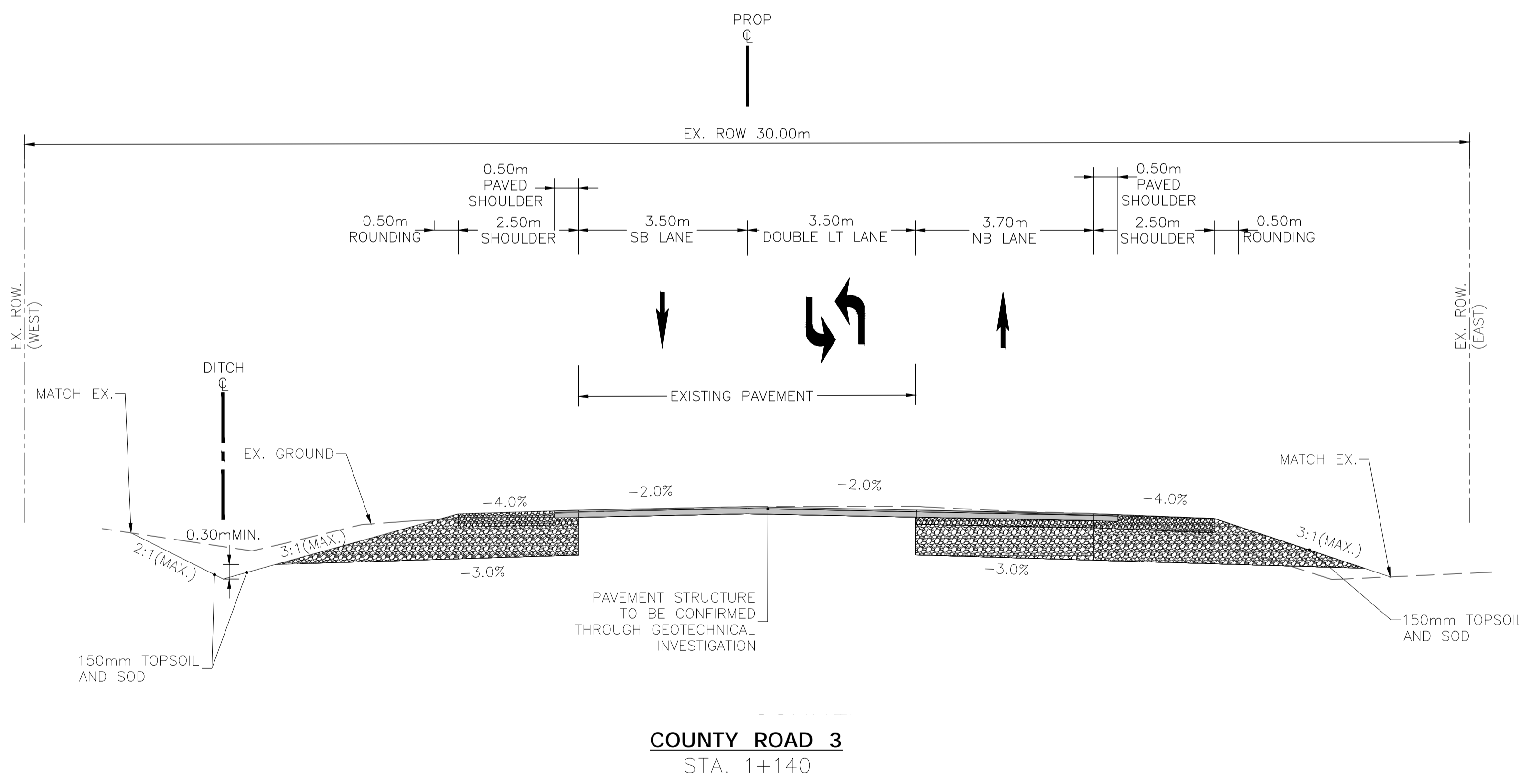
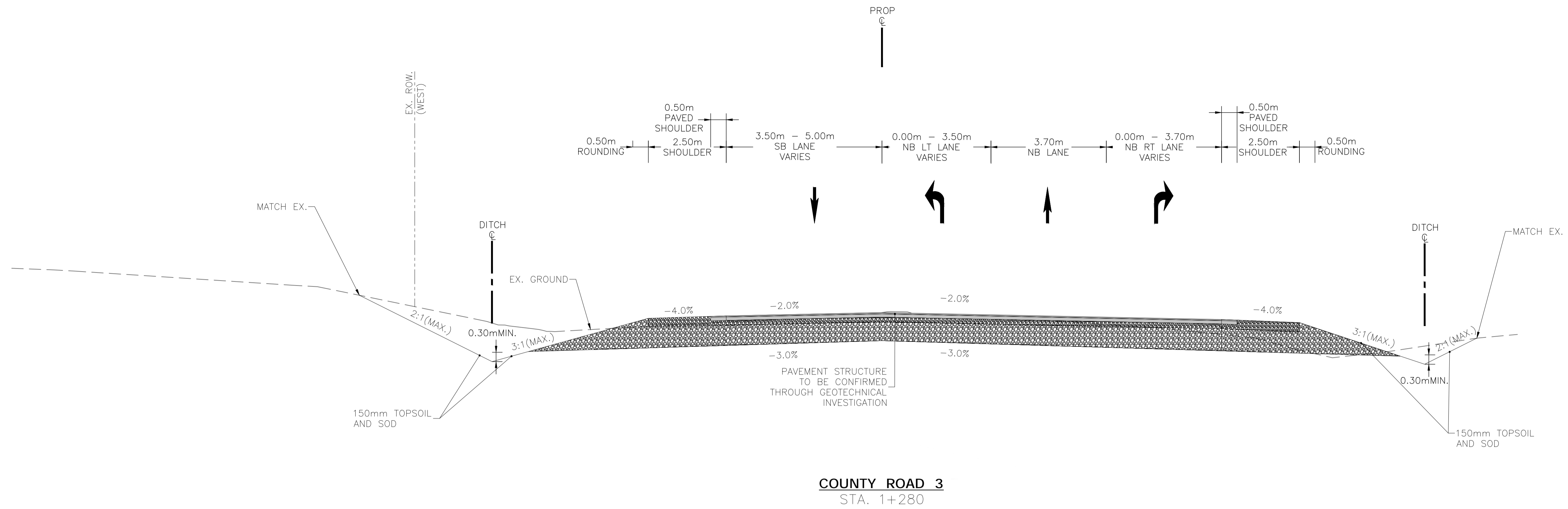
DUFFERIN COUNTY EA
RE-ALIGNED 2ND LINE/COUNTY ROAD 3
TYPICAL SECTIONS



DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No. XXX-XXX
SCALE:	N.T.S.		DRAWING NUMBER	T-3		SHEET
DATE:	DEC 15, 2023					11

X:\DIV\16\2022\21-0689\00 Dufferin County EA Class CF - CAD\Typicals\Dufferin County EA_Sheets_Typicals.dwg

DESIGN					
BASE PLAN					
SURVEY PLAN					
DIGITAL INFORMATION	No.	DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED
	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.



- NOTES:**
- EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 - ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 - THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 - MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH GEOTECHNICAL INVESTIGATION).
 - DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION.

wsp

100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

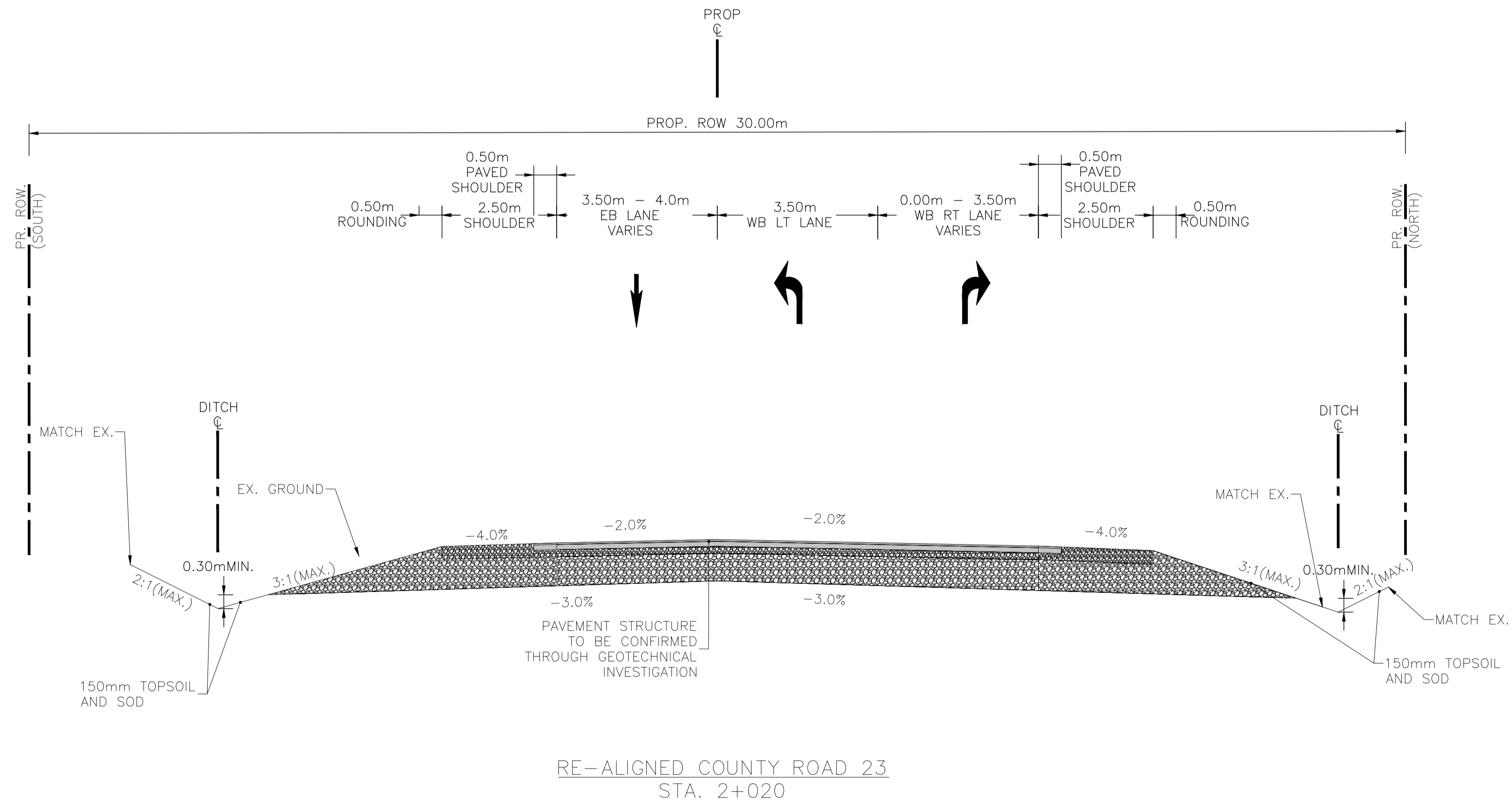
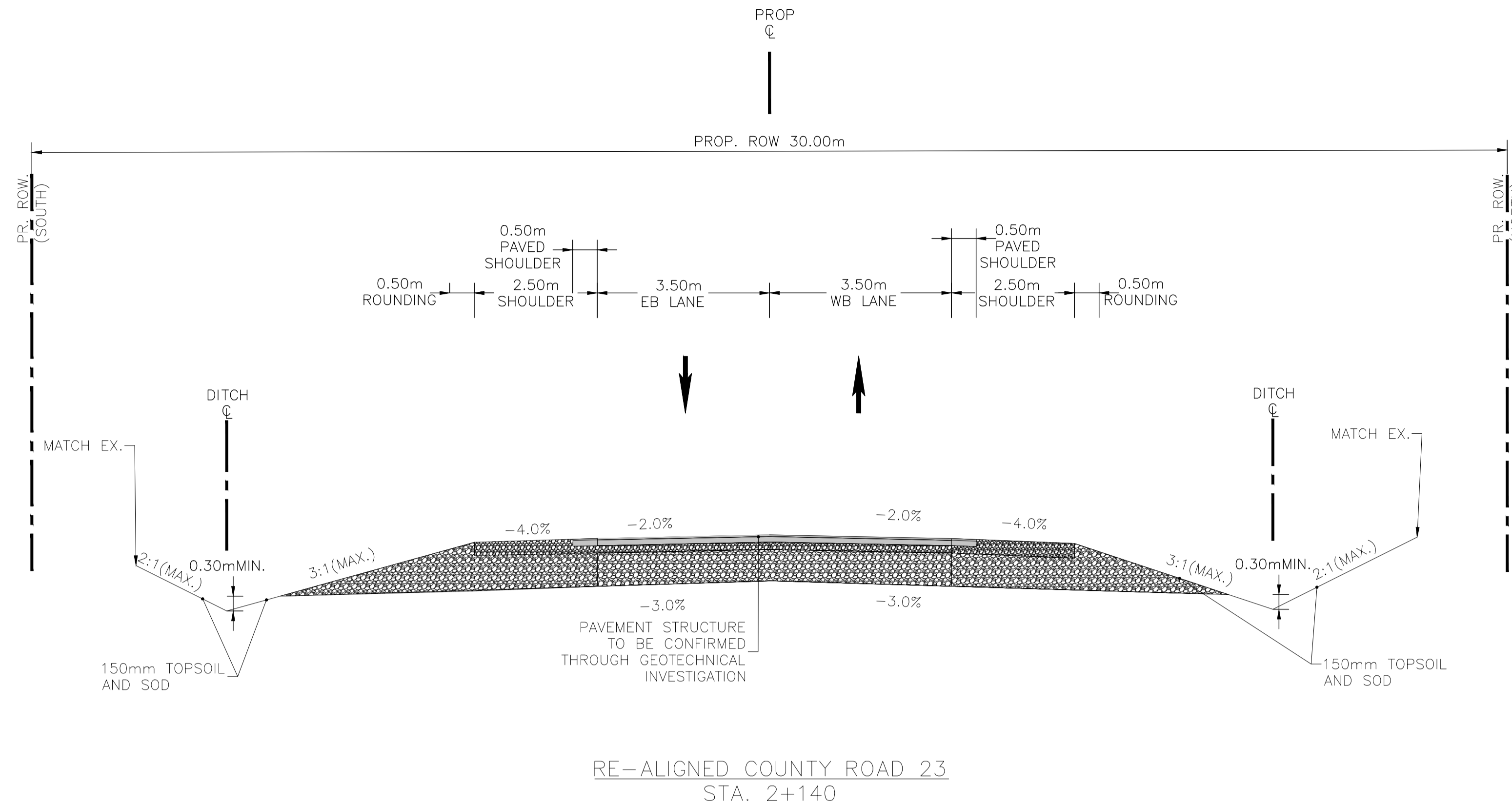
DUFFERIN COUNTY EA
COUNTY ROAD 23
TYPICAL SECTIONS

DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No. XXX-XXX
SCALE:	N.T.S.		DRAWING NUMBER	T-4		SHEET 12
DATE:	DEC 15, 2023					



X:\D\16\2022\21-06890-00 Dufferin County EA Class CF - CAD\Typical\Dufferin County EA_Sheets_Typicals.dwg

DESIGN									
BASE PLAN									
SURVEY PLAN									
DIGITAL INFORMATION	No.	DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED				
	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.				



- NOTES:**
- EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
 - ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 - THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 - MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH GEOTECHNICAL INVESTIGATION).
 - DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION.

wsp

100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

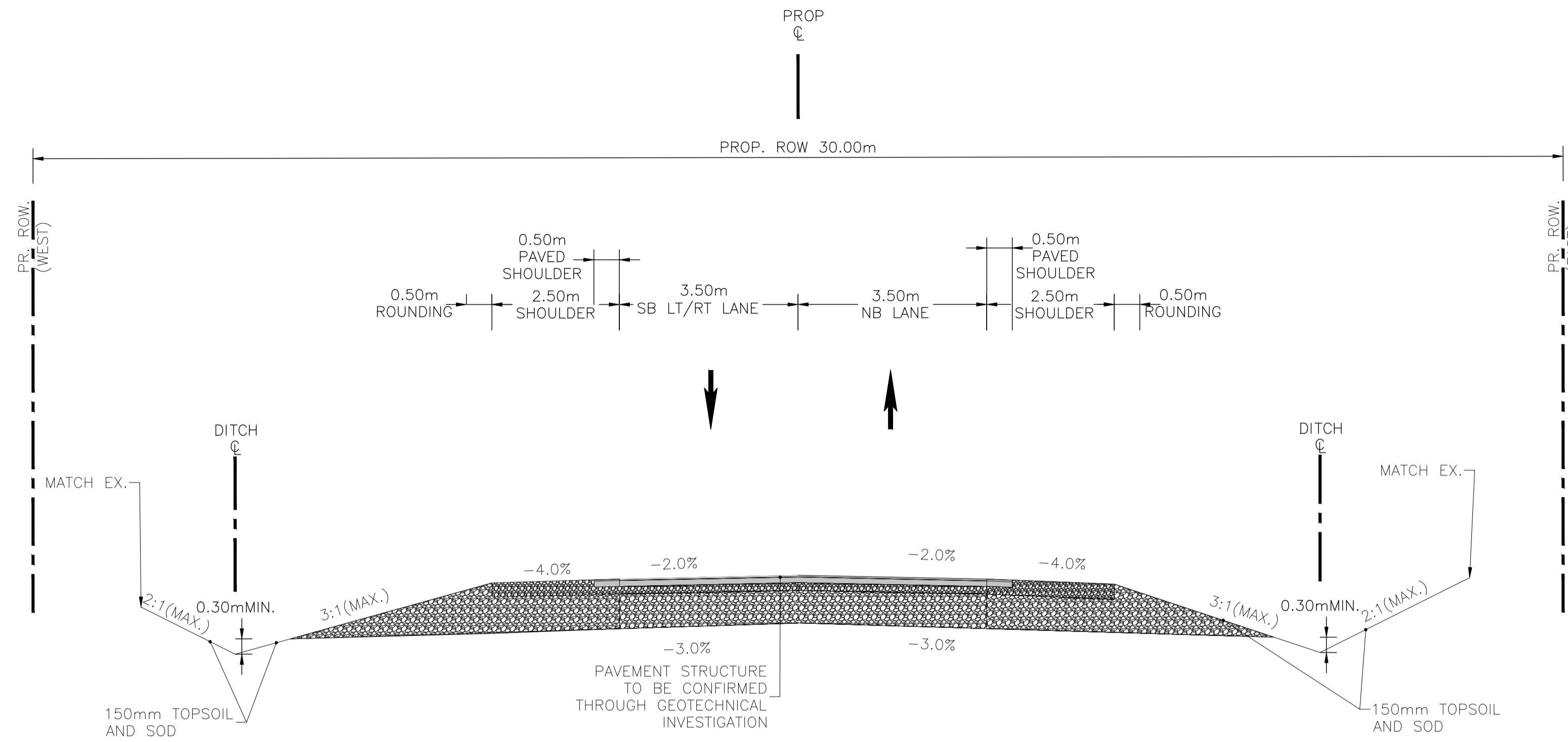
DUFFERIN COUNTY EA
RE-ALIGNED COUNTY ROAD 23
TYPICAL SECTIONS



DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No. XXX-XXX
SCALE:	N.T.S.		DRAWING NUMBER	T-5		SHEET
DATE:	DEC 15, 2023					13

X:\DIV\16\2022\21-0689\00 Dufferin County EA Class CF - CAD\Typical\Dufferin County EA_Sheets_Typical.dwg

DESIGN					
BASE PLAN					
SURVEY PLAN					
DIGITAL INFORMATION	No.	DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED
	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.



PAULA COURT
STA. 1+125 TO 1+235

NOTES:

- EXISTING GROUND INFORMATION NOT AVAILABLE AT RE-ALIGNED 2ND LINE, RE-ALIGNED COUNTY ROAD 23 AND PAULA COURT. TOPOGRAPHIC SURVEY SHALL BE COMPLETED PRIOR TO DETAILED DESIGN.
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL VERIFY ALL RELEVANT ELEVATIONS, DIMENSIONS AND DETAILS ON SITE, ADJUST DIMENSIONS AS REQUIRED TO MATCH EXISTING CONDITIONS ON SITE, AND AS APPROVED BY THE CONTRACT ADMINISTRATOR.
- MINIMUM ROADWAY PAVEMENT STRUCTURE TO BE USED OR MATCH TO EXISTING (PAVEMENT STRUCTURE TO BE CONFIRMED THROUGH GEOTECHNICAL INVESTIGATION).
- DRIVEWAY STRUCTURE/MATERIAL TO MATCH EXISTING CONDITION.

100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1, ONTARIO, TEL. 905-882-1100. FAX. 905-882-0055

DUFFERIN COUNTY EA
PAULA COURT
TYPICAL SECTIONS



DESIGN	A.S.	DRAWN	A.S.	CHECKED	A.G.	CONTRACT No. XXX-XXX
SCALE:	N.T.S.		DRAWING NUMBER	T-6		SHEET 14
DATE:	DEC 15, 2023					

DESIGN					
BASE PLAN					
SURVEY PLAN					
DIGITAL INFORMATION	No.	DATE (MM/DD/YYYY)	ISSUED FOR	INITIAL	SIGNED
	0	12/15/2023	ISSUED FOR ESR PREFERRED DESIGN	A.S.	A.G.

X:\D\16\2022\21-06890-00 Dufferin County EA Class CF - CAD\Typicals\Dufferin County EA_Sheets_Typicals.dwg