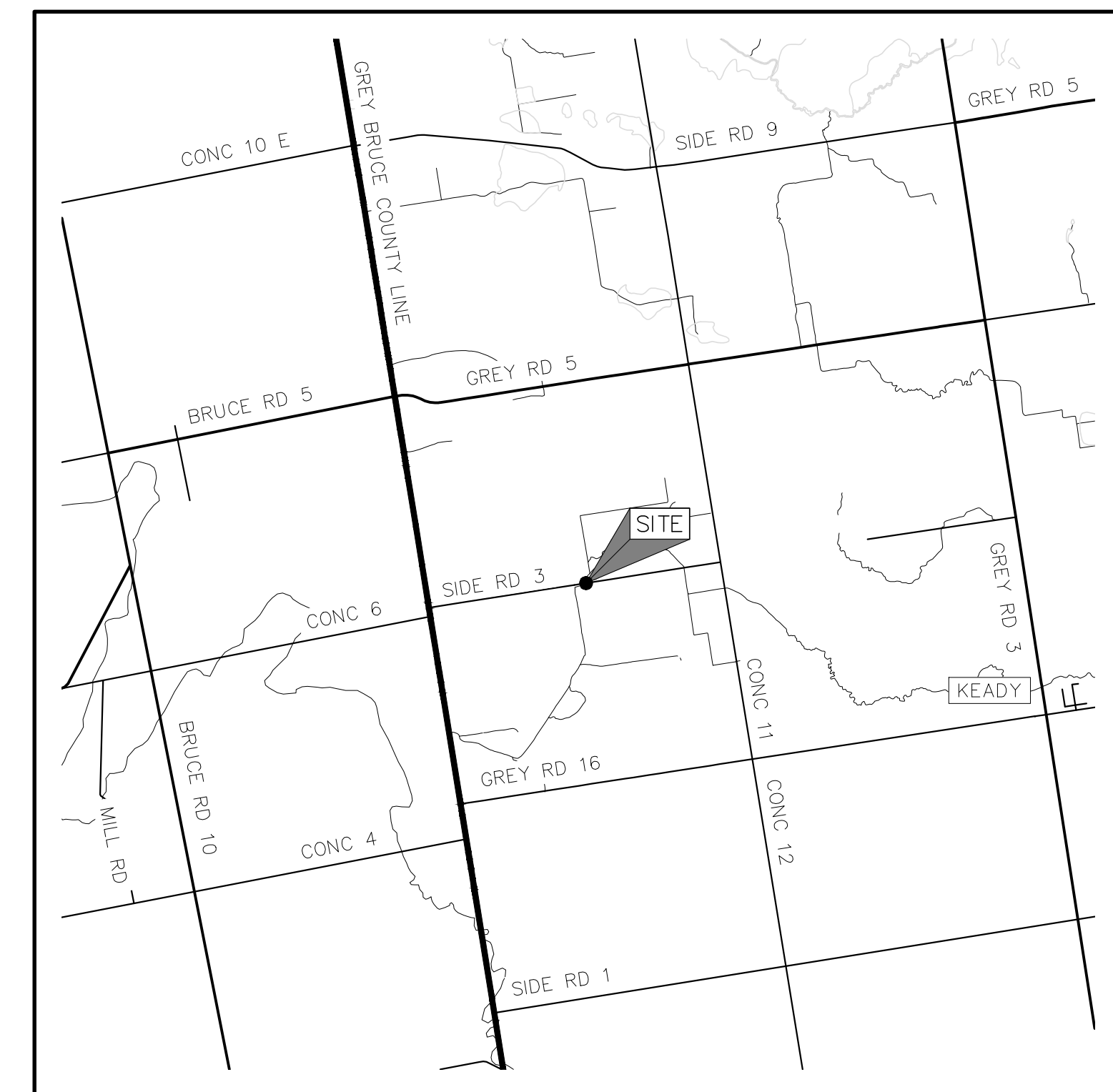


**STRUCTURE D-0007  
ENVIRONMENTAL ASSESSMENT  
SIDEROAD 3, GEORGIAN BLUFFS  
COUNTY OF GREY, ON**

**DRAWING LIST**

- ND-1 - NOTES AND DETAILS
- SP - SITE PLAN
- ECPP - EXISTING CONDITIONS PLAN AND PROFILE
- DA1 - DESIGN ALTERNATIVE 1 - PRECAST CONCRETE CULVERT
- DA2 - DESIGN ALTERNATIVE 2 - TWIN CSP ARCH CULVERT
- DA3 - DESIGN ALTERNATIVE 3 - PERMANENT CULVERT REMOVAL

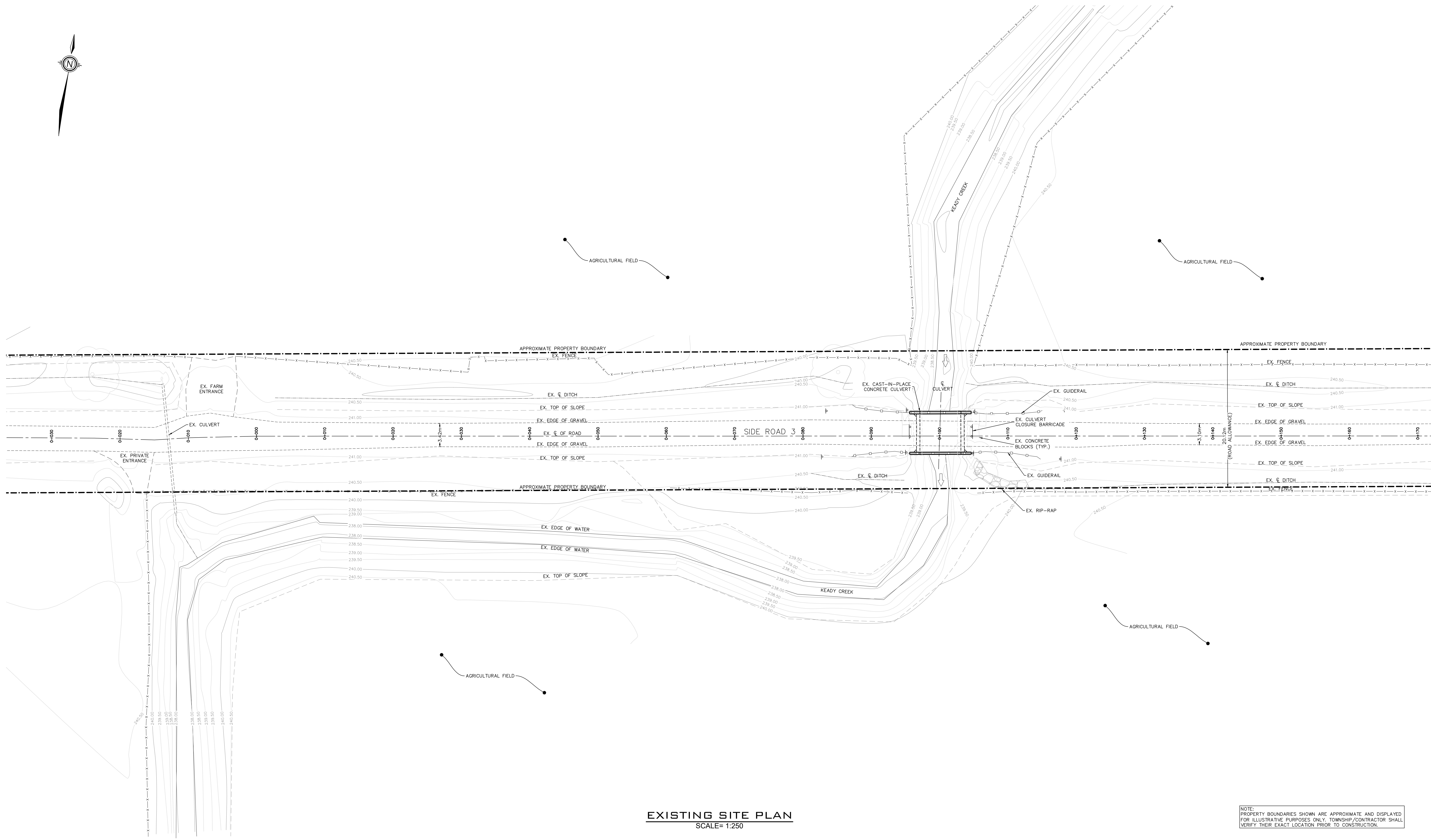
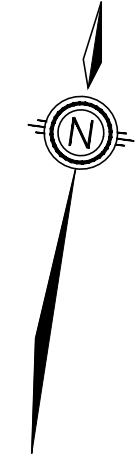


**SITE PLAN**  
N.T.S.

TOWNSHIP OF  
GEORGIAN BLUFFS  
177964 GREY ROAD 18  
OWEN SOUND, ON  
N4K 5N5



**PEARSON**  
**ENGINEERING**  
PEARSONENG.COM PH. 705.719.4785



**EXISTING SITE PLAN**  
SCALE= 1:250

NOTE: PROPERTY BOUNDARIES SHOWN ARE APPROXIMATE AND DISPLAYED FOR ILLUSTRATIVE PURPOSES ONLY. TOWNSHIP/CONTRACTOR SHALL VERIFY THEIR EXACT LOCATION PRIOR TO CONSTRUCTION.

P:\x\codesk\va\working\folders\24140 - Georgian Bluffs, Side Rd 3 - Structure D-007EA\DESIGN DWG\24140 - Structure D-007 EA - TW.dwg Layout:SP Plotted Jan 16, 2025 @ 2:11pm by tpepler @ PEARSON ENGINEERING LTD.

NO.	REVISION NOTE	DATE	BY
1	ISSUED FOR DISCUSSION	01/17/25	J.B.

**BENCHMARK**  
 BM#1 = 245.32m  
 TOP OF NAIL IN HYDRO POLE LOCATED APPROXIMATELY 1.41km WEST OF SUBJECT STRUCTURE ALONG SIDEROAD 3.  
 BM#2 = 243.48m  
 TOP OF NAIL IN HYDROPOLE LOCATED APPROXIMATELY 1.13km WEST OF SUBJECT STRUCTURE ALONG SIDEROAD 3.  
 BM#3 = 242.90m  
 TOP OF SOUTH EDGE OF BRIDGE LOCATED EAST OF SUBJECT STRUCTURE ALONG SIDEROAD 3.

PRELIMINARY  
NOT FOR CONSTRUCTION

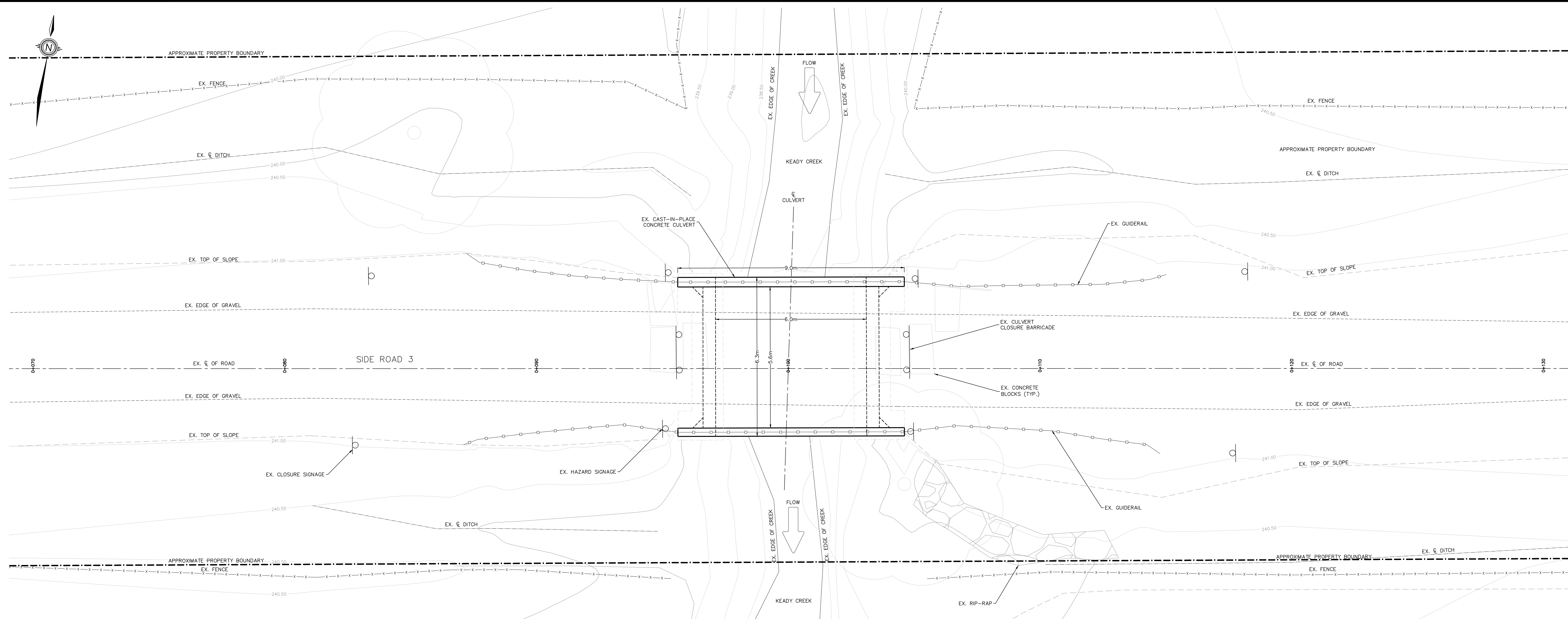
STRUCTURE D-007  
THE TOWNSHIP OF  
GEORGIAN BLUFFS

EXISTING SITE PLAN

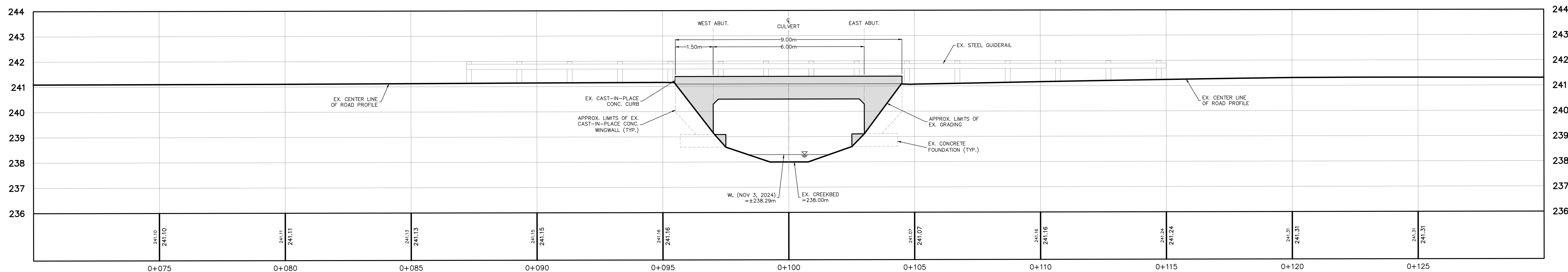
**PEARSON  
ENGINEERING**  
PEARSONENG.COM PH. 705.719.4785

DESIGNED BY	J.B.	HORIZ SCALE	HORIZ	PROJECT #	24140
DRAWN BY	T.W.	VERT SCALE	VERT	DRAWING #	SP
CHECKED BY	J.B.	DATE	NOVEMBER 2024	REVISION #	0

P:\Autodesk Vault\Working Folders\24140 - Georgian Bluffs, Side Rd 3 - Structure D-007EA\DESIGN DWGS\24140 - Structure D-007 EA - TWDwg Layout\ECP-Plotted Jan 16, 2025 @ 2:11pm by Iweppler @ PEARSON ENGINEERING LTD.



**EXISTING CONDITIONS PLAN**  
SCALE= 1:75



**EXISTING ROADWAY PROFILE**  
SCALE= 1:75

NO.	REVISION NOTE	DATE	BY
1	ISSUED FOR DISCUSSION	01/17/25	J.B.

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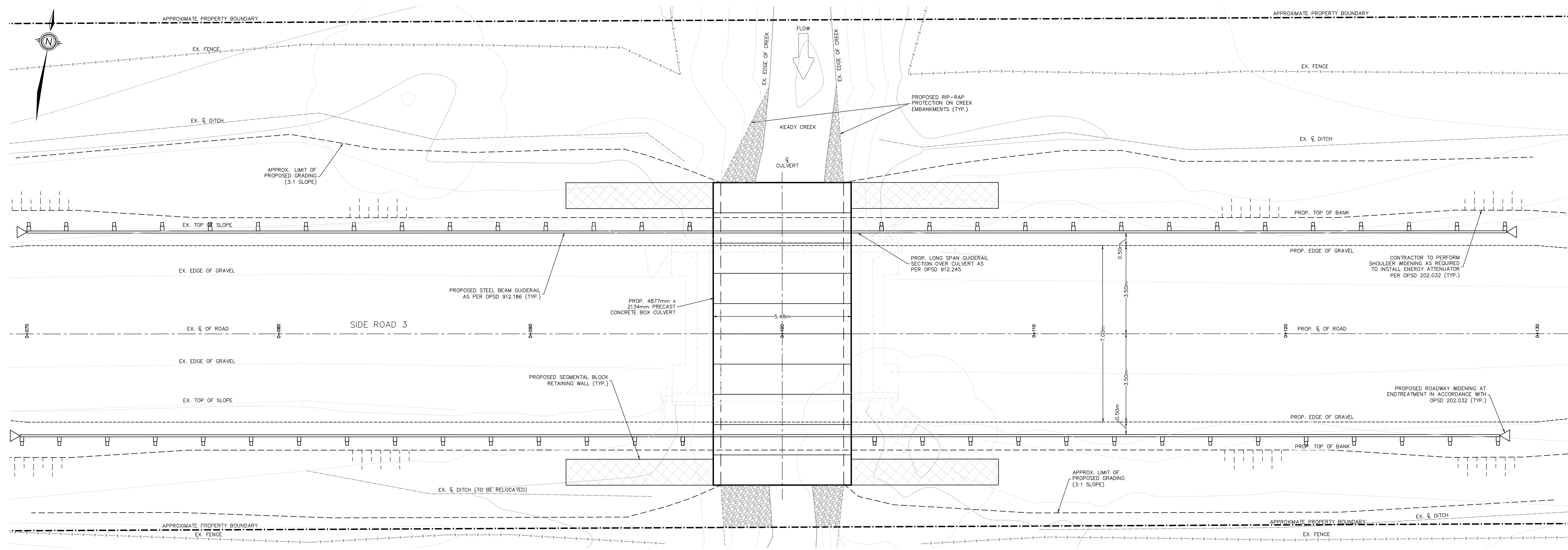
PRELIMINARY  
NOT FOR CONSTRUCTION

STRUCTURE D-007  
 THE TOWNSHIP OF  
 GEORGIAN BLUFFS

EXISTING CONDITIONS  
 PLAN AND PROFILE

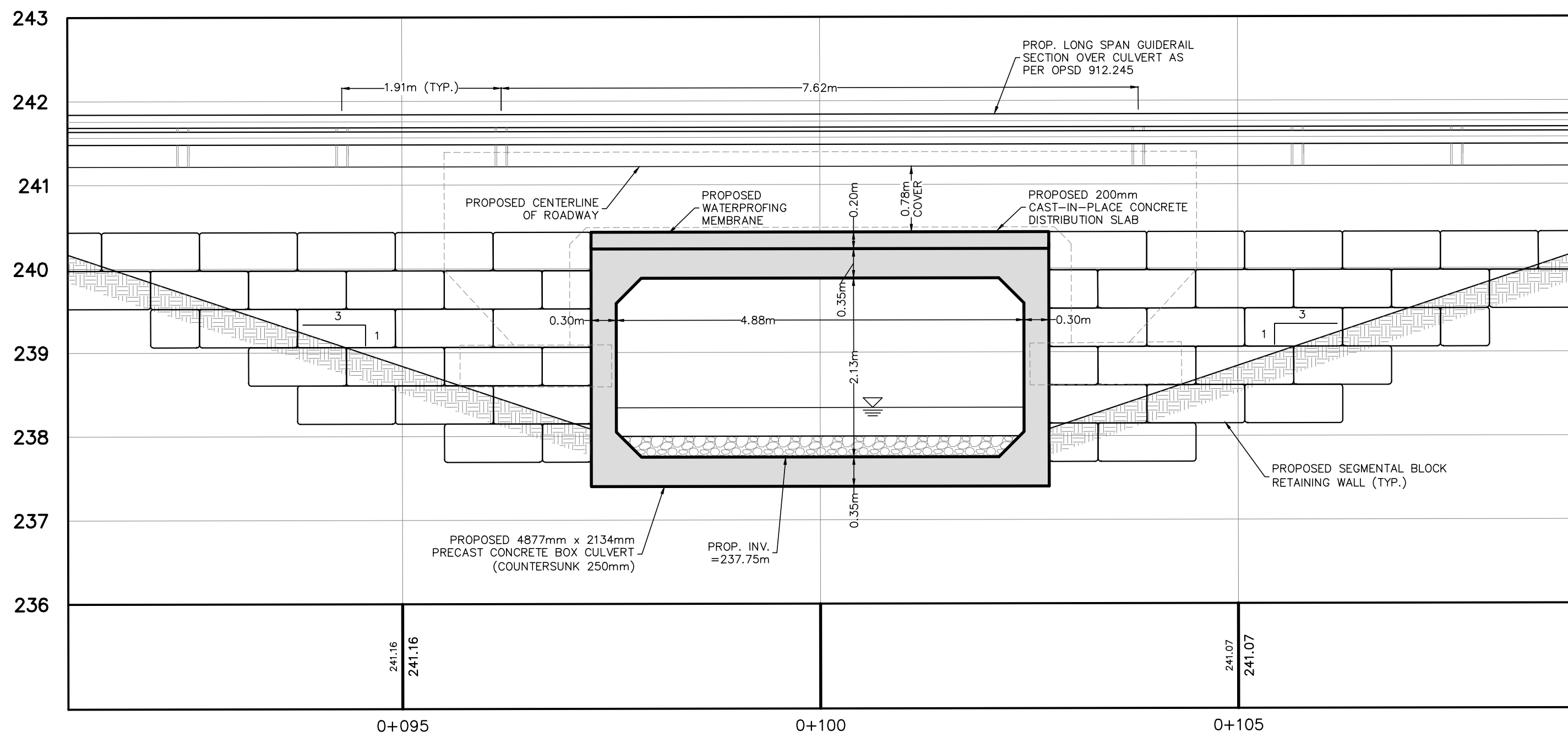
**PEARSON ENGINEERING**  
PEARSONENG.COM PH. 705.719.4785

DESIGNED BY	J.B.	HORIZ SCALE	HORIZ	PROJECT #	24140
DRAWN BY	T.W.	VERT SCALE	VERT	DRAWING #	ECP
CHECKED BY	J.B.	DATE	NOVEMBER 2024		
				REVISION #	0

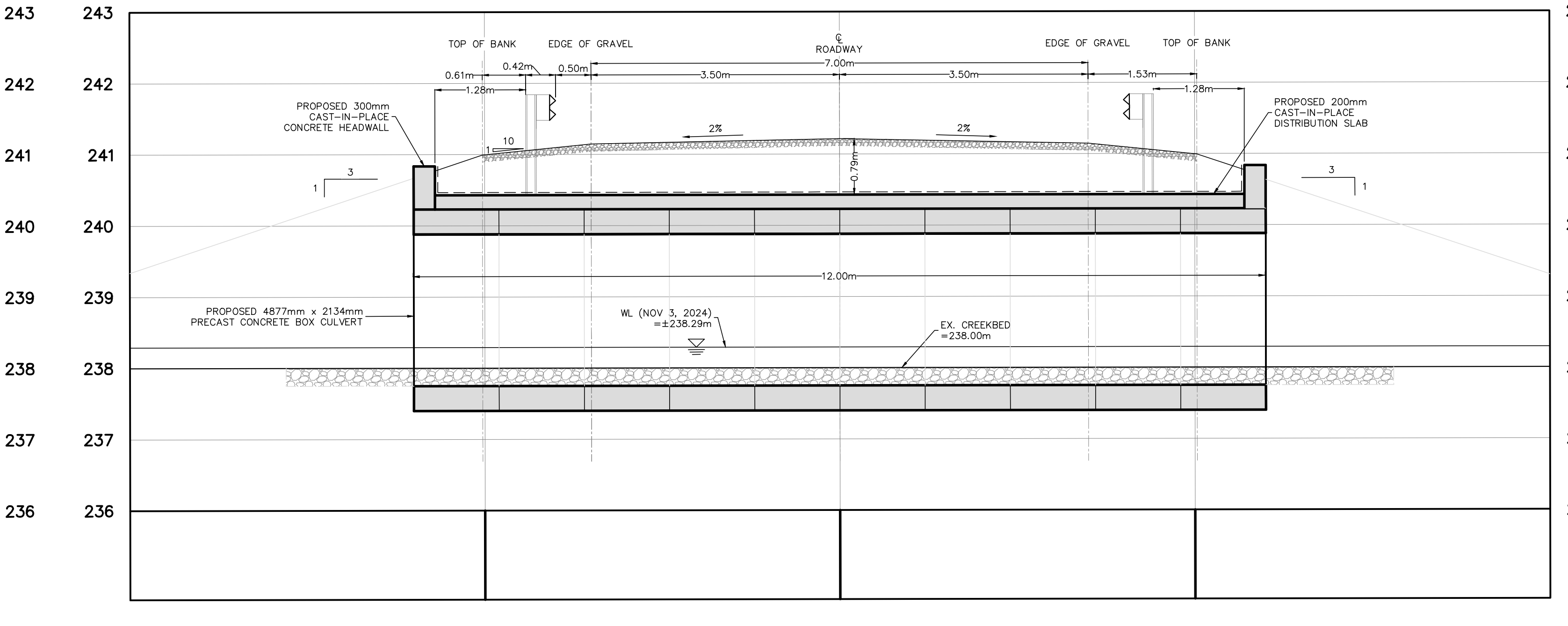


**EXISTING CONDITIONS PLAN**

SCALE= 1:75



**CULVERT PROFILE**  
SCALE= 1:50



**CULVERT SECTION**  
SCALE= 1:50

**BENCHMARK**

BM#1 = 245.32m TOP OF NAIL IN HYDRO POLE LOCATED APPROXIMATELY 1.41km WEST OF SUBJECT STRUCTURE ALONG SIDEROAD 3.
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BM#3 = 243.90m TOP OF SOUTH EDGE OF BRIDGE LOCATED EAST OF SUBJECT STRUCTURE ALONG SIDEROAD 3.

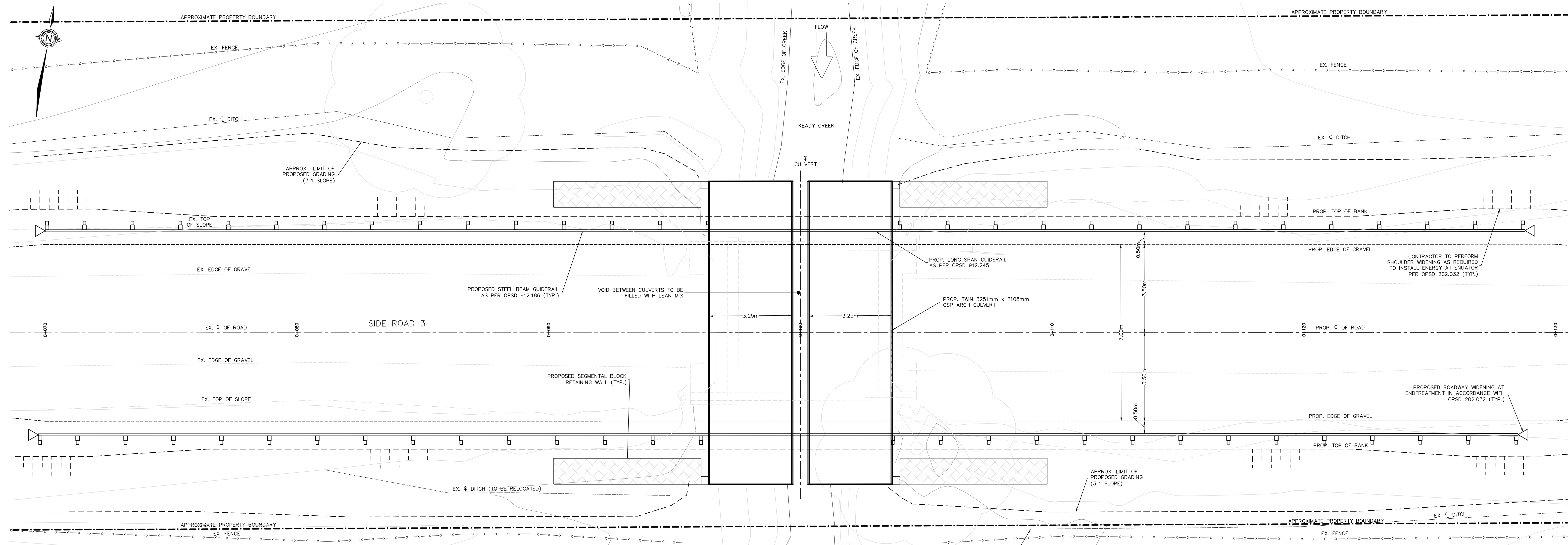
**PRELIMINARY  
NOT FOR CONSTRUCTION**

STRUCTURE D-0007  
THE TOWNSHIP OF  
GEORGIAN BLUFFS  
DESIGN ALTERNATIVE 1  
PRECAST CONCRETE BOX CULVERT  
PLAN AND PROFILE

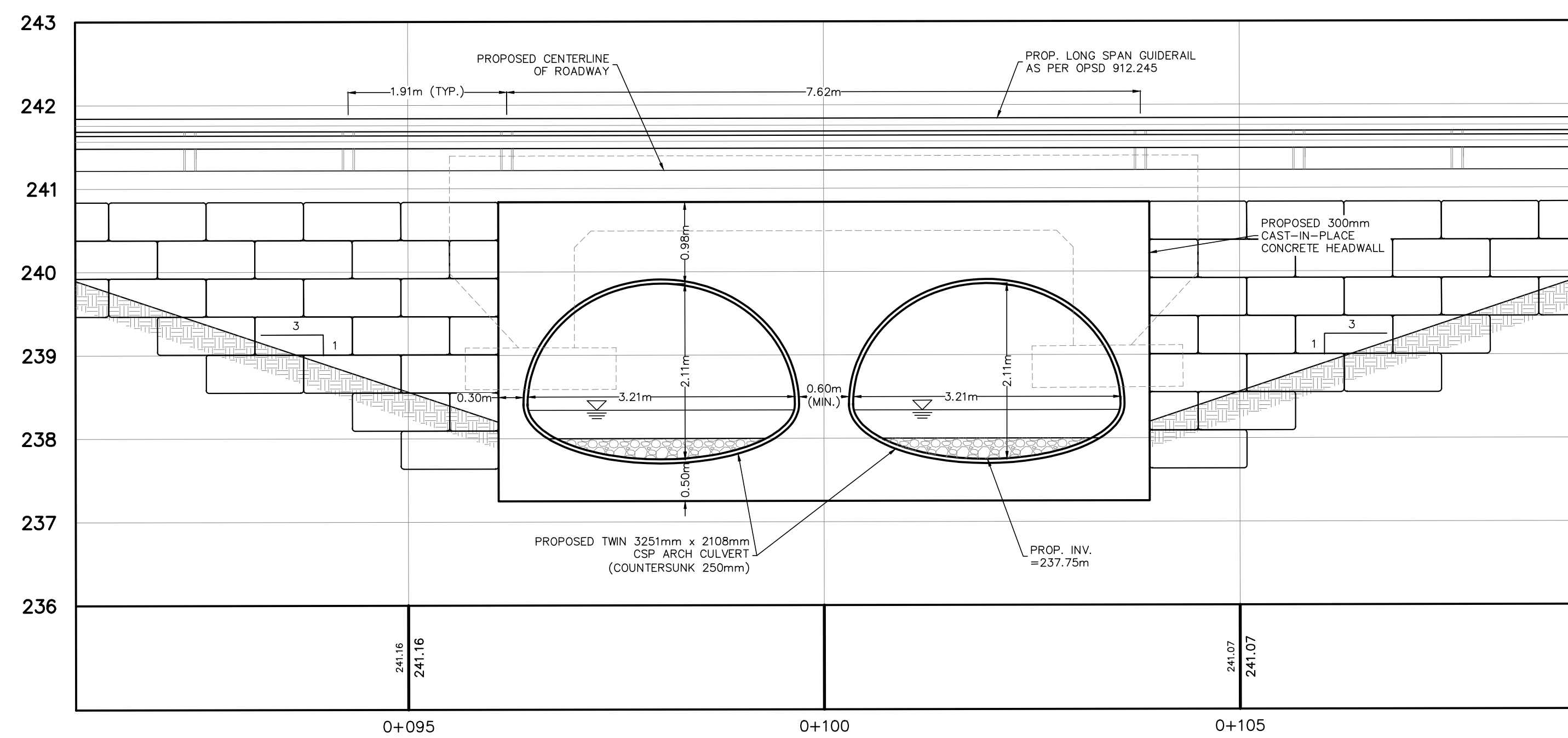
DESIGNED BY	J.B.	HORIZ SCALE	HORIZ	PROJECT #	24140
DRAWN BY	T.W.	VERT SCALE	VERT	DRAWING #	DA1
CHECKED BY	J.B.	DATE	NOVEMBER 2024	REVISION #	0

NO.	REVISION NOTE	DATE	BY
1	ISSUED FOR DISCUSSION	01/17/25	J.B.

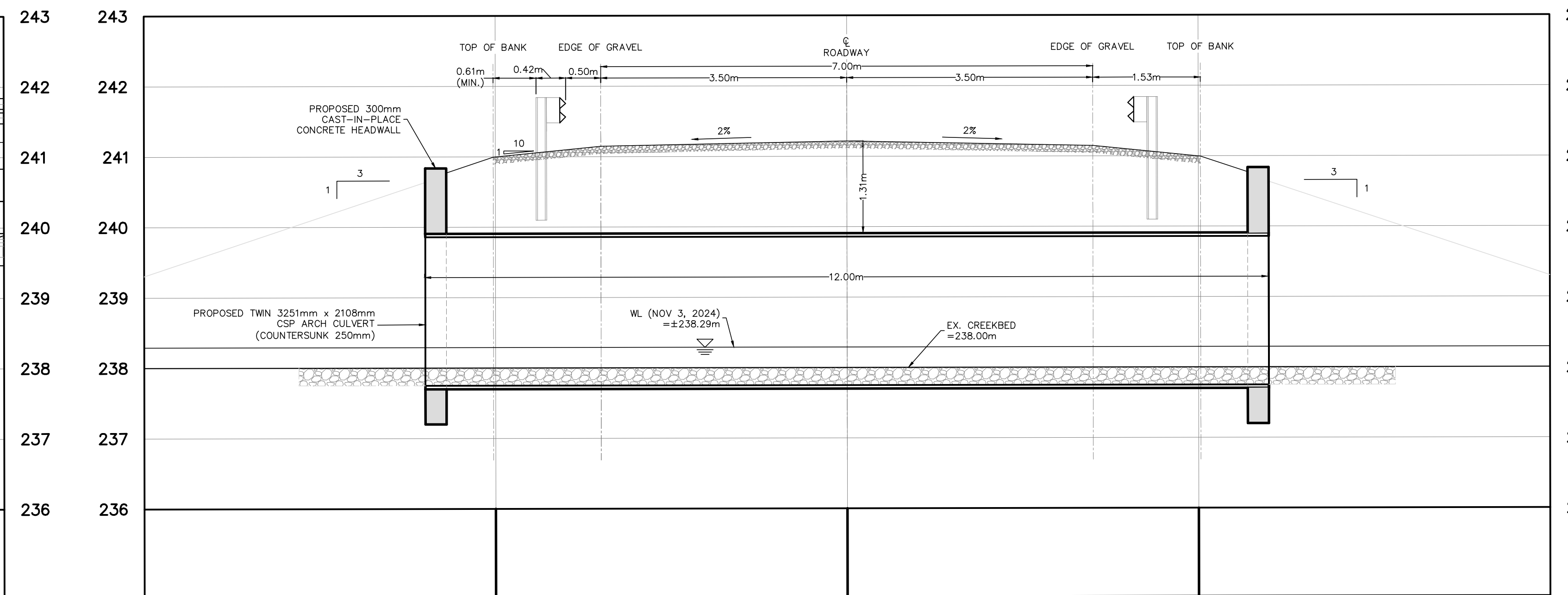
P:\Autodesk Vault\Working Folders\24140 - Georgian Bluffs, Side Rd 3 - Structure D-0007EA\DESIGN DWGS\24140 - Structure D-0007 EA - TW.dwg Layout:DA1 Plotted Jan 16, 2025 @ 2:11pm by tweppler @ PEARSON ENGINEERING LTD.



**EXISTING CONDITIONS PLAN**  
SCALE= 1:75



**CULVERT PROFILE**  
SCALE= 1:50



**CULVERT SECTION**  
SCALE= 1:50

NO.	REVISION NOTE	DATE	BY
1	ISSUED FOR DISCUSSION	01/17/25	J.B.

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 BM#3 = 242.90m  
 TOP OF SOUTH EDGE OF BRIDGE LOCATED EAST OF SUBJECT STRUCTURE ALONG SIDEROAD 3.

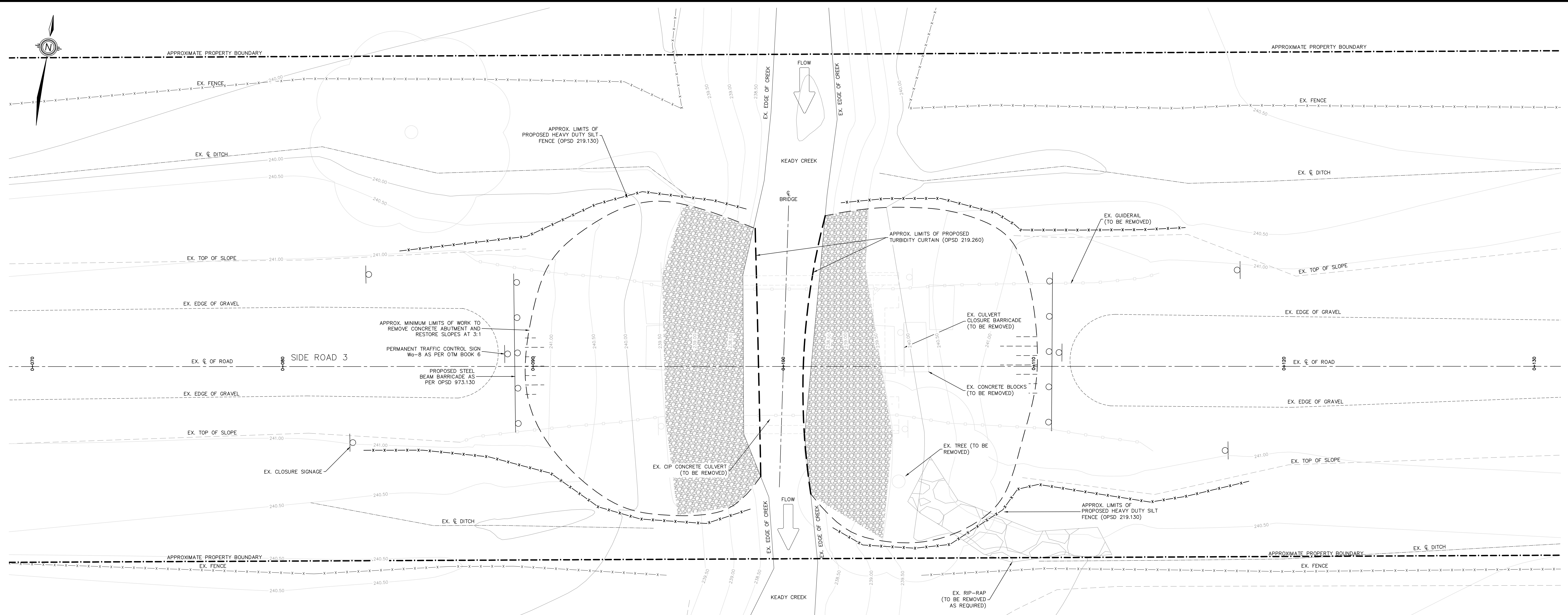
**PRELIMINARY**  
NOT FOR CONSTRUCTION

STRUCTURE D-0007  
 THE TOWNSHIP OF  
 GEORGIAN BLUFFS  
 DESIGN ALTERNATIVE 2  
 TWIN CSP ARCH CULVERT  
 PLAN AND PROFILE

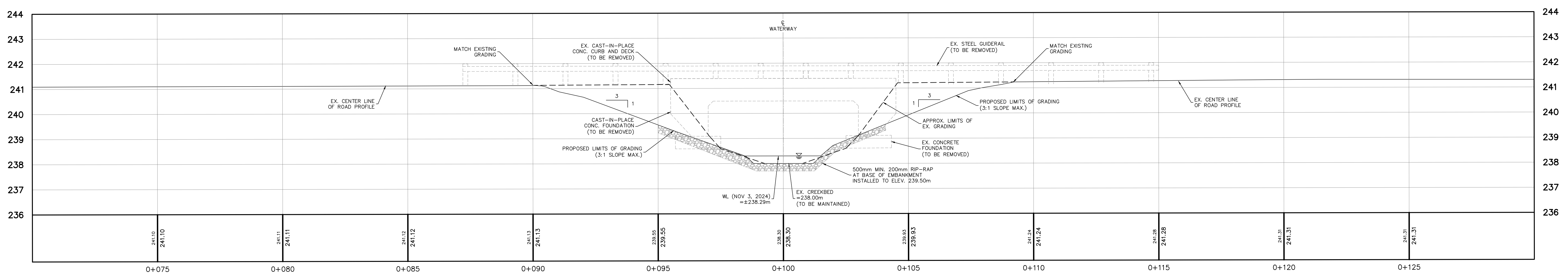


DESIGNED BY	J.B.	HORIZ SCALE	HORIZ	PROJECT #	24140
DRAWN BY	T.W.	VERT SCALE	VERT	DRAWING #	DA2
CHECKED BY	J.B.	DATE	NOVEMBER 2024	REVISION #	0

P:\Autodesk Vault\Working Folders\24140 - Georgian Bluffs, Side Rd 3 - Structure D-007EA\DESIGN DWG\24140 - Structure D-007 EA - TW.dwg Layout:DA3 Plotted Jan 16, 2025 @ 2:11pm by twessler @ PEARSON ENGINEERING LTD.



**EXISTING CONDITIONS PLAN**  
SCALE= 1:75



**EXISTING ROADWAY PROFILE**  
SCALE= 1:75

NO.	REVISION NOTE	DATE	BY
1	ISSUED FOR DISCUSSION	01/17/25	J.B.

BENCHMARK	
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**PRELIMINARY  
NOT FOR CONSTRUCTION**

STRUCTURE D-007  
THE TOWNSHIP OF  
GEORGIAN BLUFFS  
DESIGN ALTERNATIVE 3  
PERMANENT STRUCTURE REMOVAL  
PLAN AND PROFILE

		DESIGNED BY	J.B.	HORIZ SCALE	HORIZ	PROJECT #	24140
		DRAWN BY	T.W.	VERT SCALE	VERT	DRAWING #	DA3
		CHECKED BY	J.B.	DATE	NOVEMBER 2024	REVISION #	0