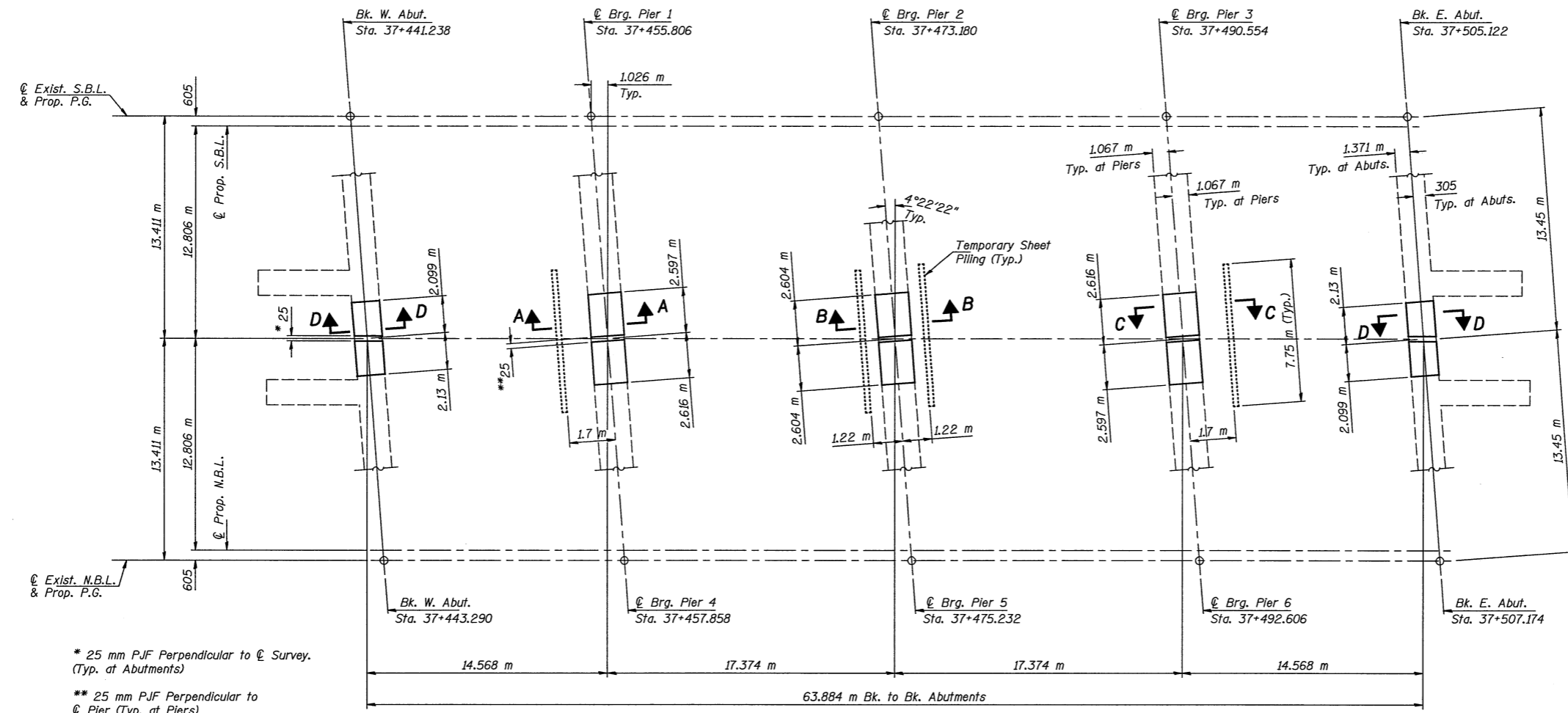


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	McLEAN	310	182

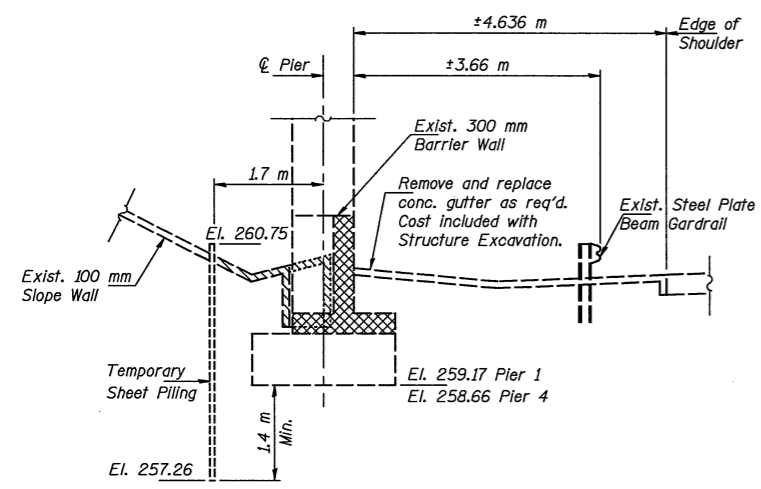
FED. ROAD DIST. NO. 7 ILLINOIS IAP
 *(57-4)R, HBY, HBR, (57-4VB)DM
 Contract No. 70757



* 25 mm PJF Perpendicular to ϕ Survey.
 (Typ. at Abutments)
 ** 25 mm PJF Perpendicular to ϕ Pier (Typ. at Piers)

If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

PLAN

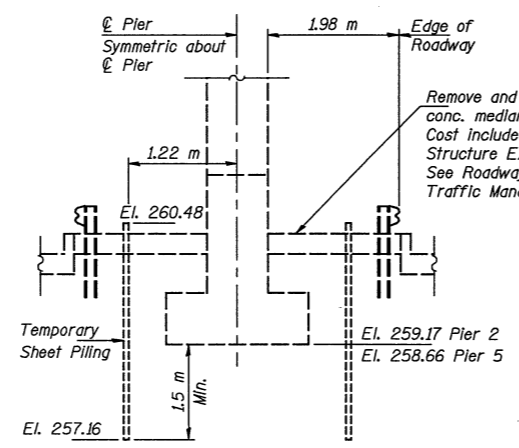


SECTION A-A

Hatched area denotes slope wall removal; estimated quantity = 13 m²
 Cross-hatched area denotes concrete removal; estimated quantity = 4.3 m³

Temporary Sheet Piling Data

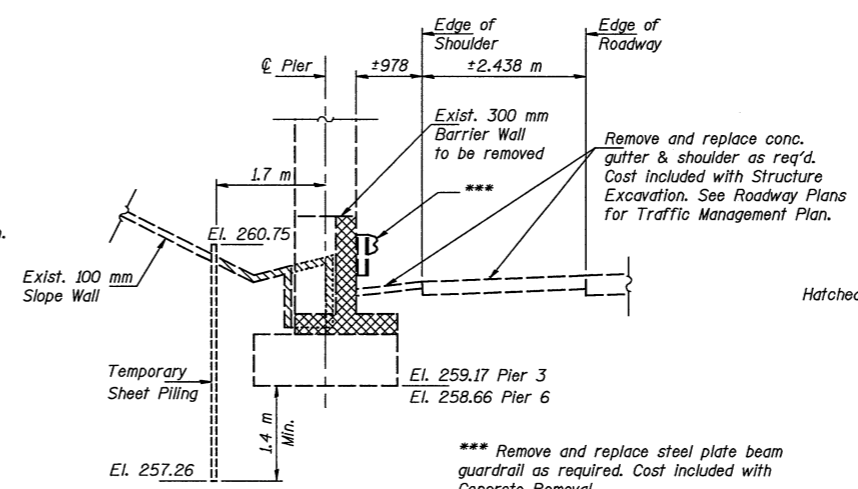
Top El.:	260.75
Bottom El.:	257.26
Embedment Varies:	1.4 m Min.
Min. Section Modulus:	100 x 10 ³ mm ⁴ /m
Fy:	265 MPa



SECTION B-B

Temporary Sheet Piling Data

Top El.:	260.48
Bottom El.:	257.16
Embedment Varies:	1.5 m Min.
Min. Section Modulus:	100 x 10 ³ mm ⁴ /m
Fy:	265 MPa

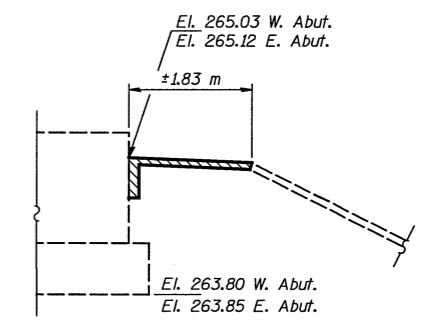


SECTION C-C

Hatched area denotes slope wall removal; estimated quantity = 13 m²
 Cross-hatched area denotes concrete removal; estimated quantity = 4.3 m³

Temporary Sheet Piling Data

Top El.:	260.75
Bottom El.:	257.26
Embedment Varies:	1.4 m Min.
Min. Section Modulus:	100 x 10 ³ mm ⁴ /m
Fy:	265 MPa



SECTION D-D

Hatched area denotes slope wall removal; estimated quantity = 10 m² (each abutment)

Notes: All dimensions are in millimeters (mm) except as noted.
 See Sheet 2 of 24 for slope wall replacement details.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
FOOTING LAYOUT	
PROJECT: F.A.I. 55 OVER BUSINESS U.S. 51 SECTION 57-4HR-4 STATION 37+474.206	PROJECT NO. 08049-5
McLEAN COUNTY	SCALE
STRUCTURE NO. 057-0024 (N.B.) & STRUCTURE NO. 057-0025 (S.B.)	DATE: 07/15/2009
	DRAWN BY: TFG/CFC
	CHECKED BY: CME/MCB
COOMBE-BLOXDORF P.C.	
Engineers / Land Surveyors	
Springfield, Illinois	
Design Firm License No. 184-002703	
	DRAWING NO. 6
	OF 24 SHTS