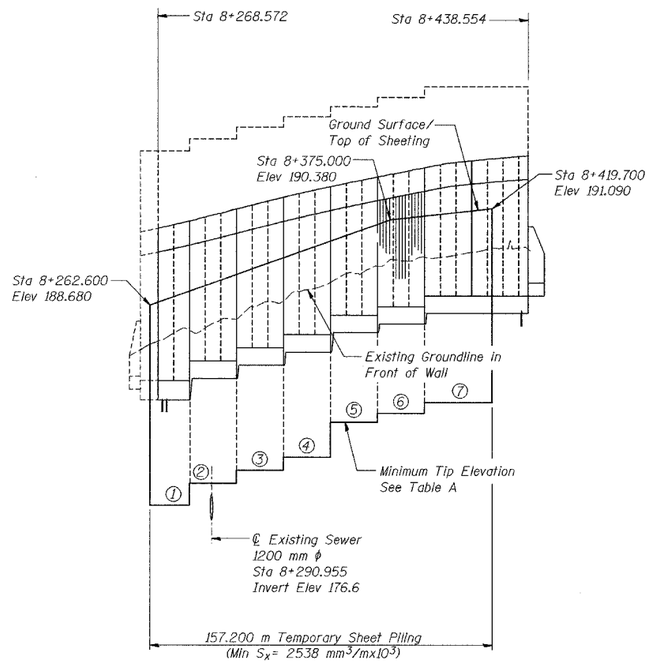
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1	LAKE COUNTY, INDIANA	452	197
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-2
20 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987



TEMPORARY SHEET PILING - ELEVATION

Estimated Area = 1,633 m^2

The cost of Temporary Sheet Piling is included with Excavation, Foundation, Unclassified.

TABLE A

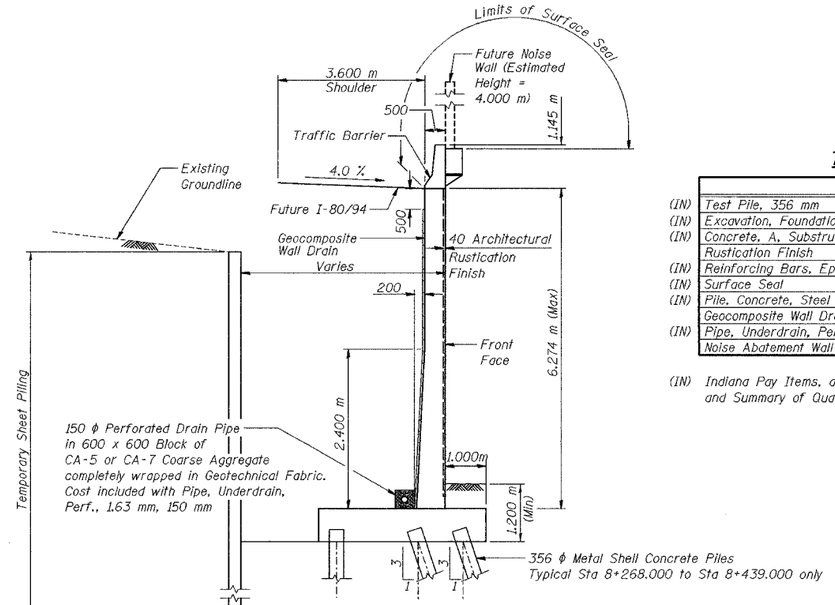
	Minimum Tip Elevation of Sheet Piling	Length (m)
1	177.28	20.400
2	177.98	21.600
3	178.58	21.600
4	178.88	21.600
5	180.59	21.600
6	180.99	21.600
7	181.39	28.800

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of AASHTO M 31M or M322M Grade 400.
2. The Contractor shall drive 4 test piles in permanent locations spaced approximately 60 m apart, as directed by the Engineer before ordering the remainder of the piles.
3. All dimensions are in millimeters (mm) except as noted.
4. 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.
5. All construction joints shall be bonded.

INDEX OF SHEETS

SHEET NO.	TITLE
S-1	General Plan
S-2	Index of Sheets, General Notes and Total Bill of Material
S-3	Plan and Elevation (1 of 8)
S-4	Plan and Elevation (2 of 8)
S-5	Plan and Elevation (3 of 8)
S-6	Plan and Elevation (4 of 8)
S-7	Plan and Elevation (5 of 8)
S-8	Plan and Elevation (6 of 8)
S-9	Plan and Elevation (7 of 8)
S-10	Plan and Elevation (8 of 8)
S-11	Wall Sections and Details (1 of 2)
S-12	Wall Sections and Details (2 of 2)
S-13	Rustication Finish Details
S-14	Concrete Pile Details
S-15	Boring Logs (1 of 6)
S-16	Boring Logs (2 of 6)
S-17	Boring Logs (3 of 6)
S-18	Boring Logs (4 of 6)
S-19	Boring Logs (5 of 6)
S-20	Boring Logs (6 of 6)



TYPICAL SECTION

TOTAL BILL OF MATERIAL

	ITEM	UNIT	QUANTITY
(IN)	Test Pile, 356 mm	Each	4
(IN)	Excavation, Foundation, Unclassified	m^3	3,336
(IN)	Concrete, A, Substructure	m^3	1,261.8
	Rustication Finish	m^2	972
(IN)	Reinforcing Bars, Epoxy Coated	kg	90,300
(IN)	Surface Seal	L Sum	0.08
(IN)	Pile, Concrete, Steel Shell Encased, 6.35 mm, 356 mm	m	5,776.0
	Geocomposite Wall Drain	m^2	935
(IN)	Pipe, Underdrain, Perf., 1.63 mm, 150 mm	m	189.0
	Noise Abatement Wall Anchor Rod Assembly	Each	52

(IN) Indiana Pay Items, denoted by "(Indiana)" in Special Provisions and Summary of Quantities.

DESIGNED	MJW
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41
INDEX OF SHEETS, GENERAL NOTES AND TOTAL BILL OF MATERIAL
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+268.572 TO STATION 8+445.954
STRUCTURE NO. 016-W857
DATE 07/04

AMERICAN CONSULTING ENGINEERS