

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.

The foundation design is based on the following maximum reactions applied at the top of the footing/pedestal wall:

Three-Sided Structure Footings: 22.0 Kips (vertical), 6.0 Kips (horizontal)
Wingwall footings: 10.0 Kips (vertical), 3.0 Kips (horizontal)

The Contractor shall verify that the selected structure meets these design parameters. If the design parameters are exceeded, a complete foundation design with calculations, details, and the required seals shall be submitted for review and approval.

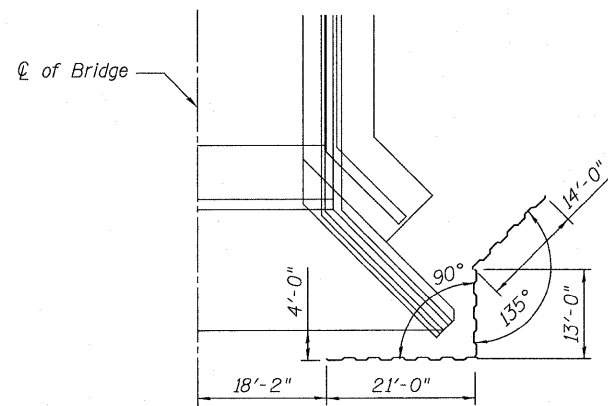
Precast concrete headwalls and wingwalls are to be paid for under Precast Concrete Substructures. Design of these items is by supplier.

Minimum section modulus of the temporary sheet piling shall be 55.0 in³/ft.

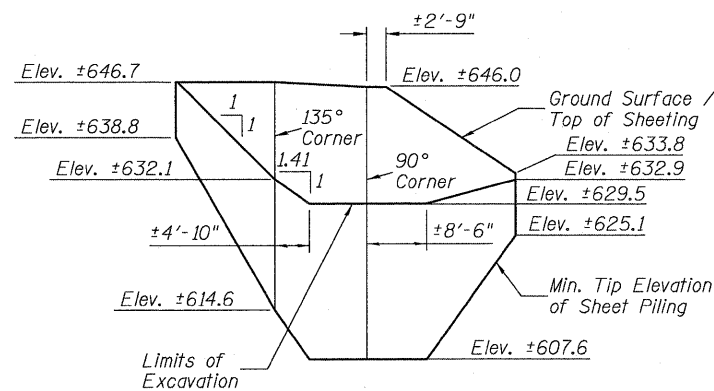
If the Contractor chooses to alter the temporary sheet piling design requirements shown on the plans for lesser design requirements, then a full design submittal including plan, details, and calculations will be required for review and acceptance by the Engineer.

TOTAL BILL OF MATERIAL

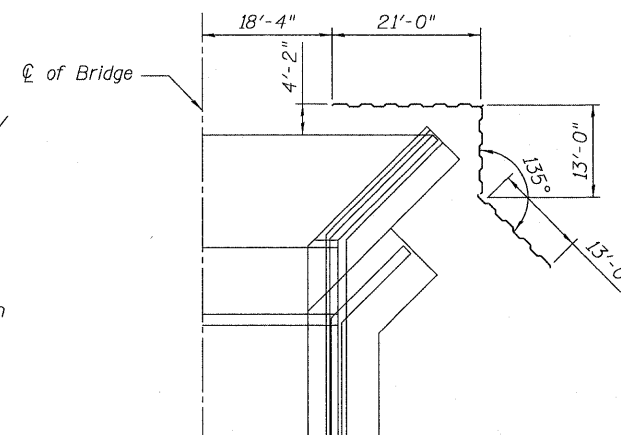
ITEM	UNIT	SUPER	SUB	TOTAL
POROUS GRANULAR EMBANKMENT	CU YD	0	2,610	2,610
STONE RIPRAP, CLASS A4	SQ YD	0	330	330
FILTER FABRIC	SQ YD	0	420	420
REMOVAL OF EXISTING STRUCTURES	EACH	1	0	1
STRUCTURE EXCAVATION	CU YD	0	2,550	2,550
CONCRETE STRUCTURES	CU YD	0	210	210
REINFORCEMENT BARS, EPOXY COATED	POUND	0	17,420	17,420
BAR SPLICERS	EACH	0	26	26
BICYCLE RAILING	FOOT	38	0	38
PARAPET RAILING	FOOT	75	0	75
NAME PLATES	EACH	1	0	1
PRECAST CONCRETE SUBSTRUCTURE	L SUM	0	1	1
THREE-SIDED PRECAST CONCRETE STRUCTURE 36'X11'	FOOT	0	86	86
ASBESTOS BEARING PAD REMOVAL	EACH	0	40	40
TEMPORARY SHEET PILING	SQ FT	0	2,700	2,700
TEMPORARY SOIL RETENTION SYSTEM	SQ FT	0	550	550



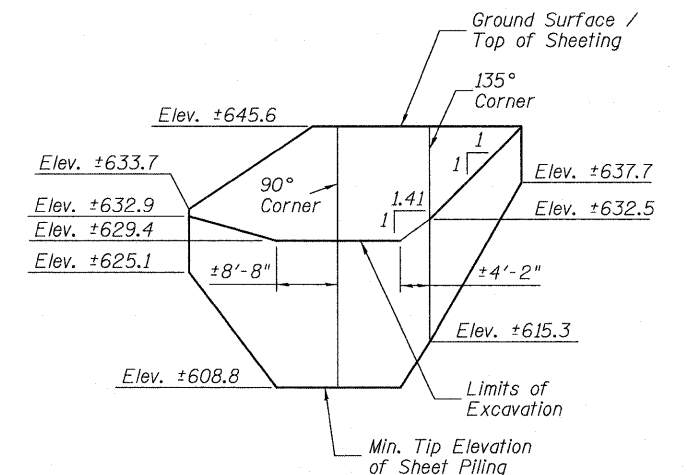
**SOUTHEAST WINGWALL
TEMPORARY SHEETPILE WALL PLAN**



**SOUTHEAST WINGWALL
TEMPORARY SHEETPILE WALL ELEVATION**
Looking East



**NORTHEAST WINGWALL
TEMPORARY SHEETPILE WALL PLAN**
Looking East



**NORTHEAST WINGWALL
TEMPORARY SHEETPILE WALL ELEVATION**
Looking East



FILE NAME = GENERAL PLAN.DGN	USER NAME = RDS	DESIGNED - JRF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN STRUCTURE NO. 016-0525	F.A.P. RTE. 343	SECTION 98-B	COUNTY COOK	TOTAL SHEETS 65	SHEET NO. 30A	
PLOT SCALE =	CHECKED - PAT2	REVISED -									
PLOT DATE = 12-15-18	DRAWN - RDS	REVISED -									
	CHECKED - RCJ	REVISED -									
						SHEET NO. 2 OF 9 SHEETS		CONTRACT NO. 60H20			
						ILLINOIS FED. AID PROJECT					