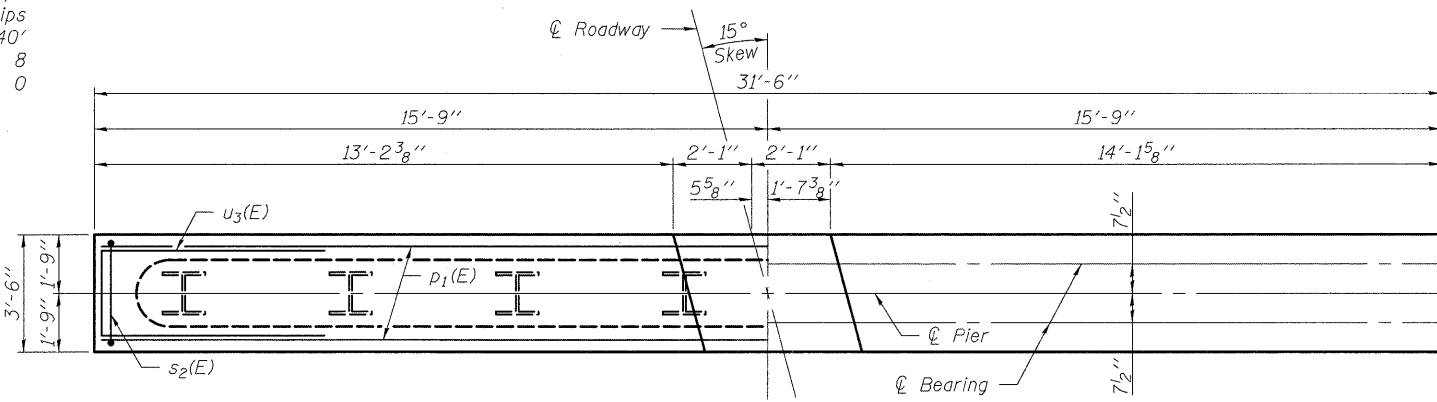
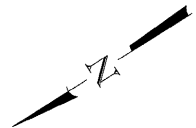


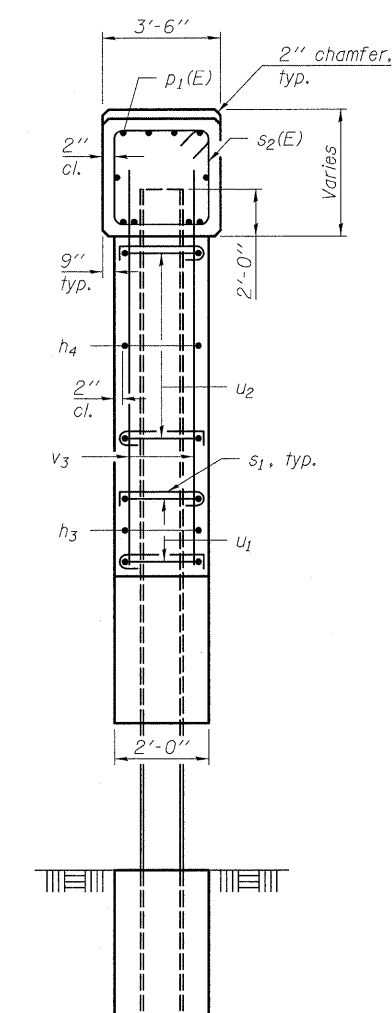
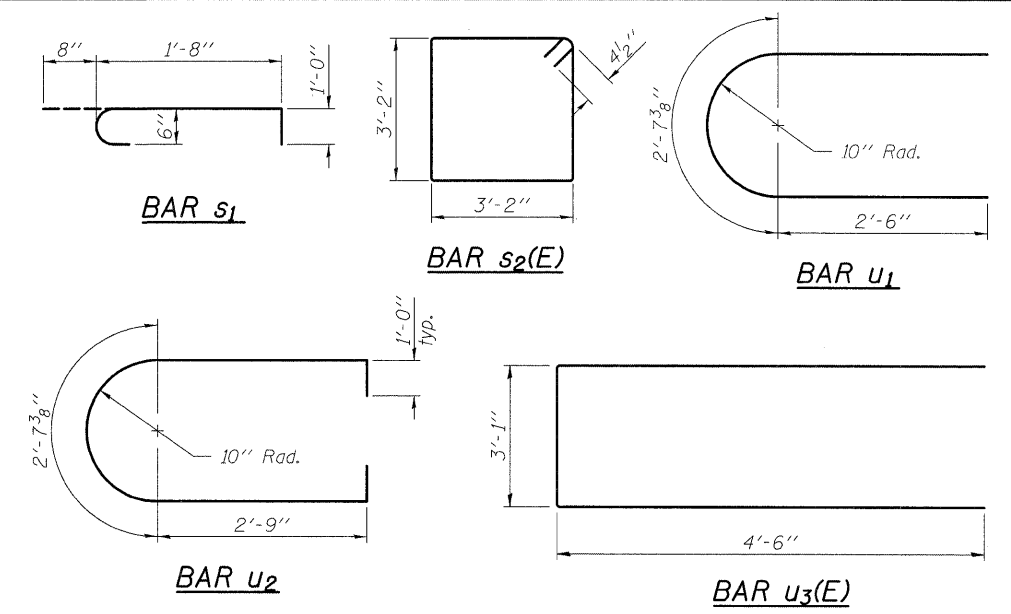
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PILE DATA

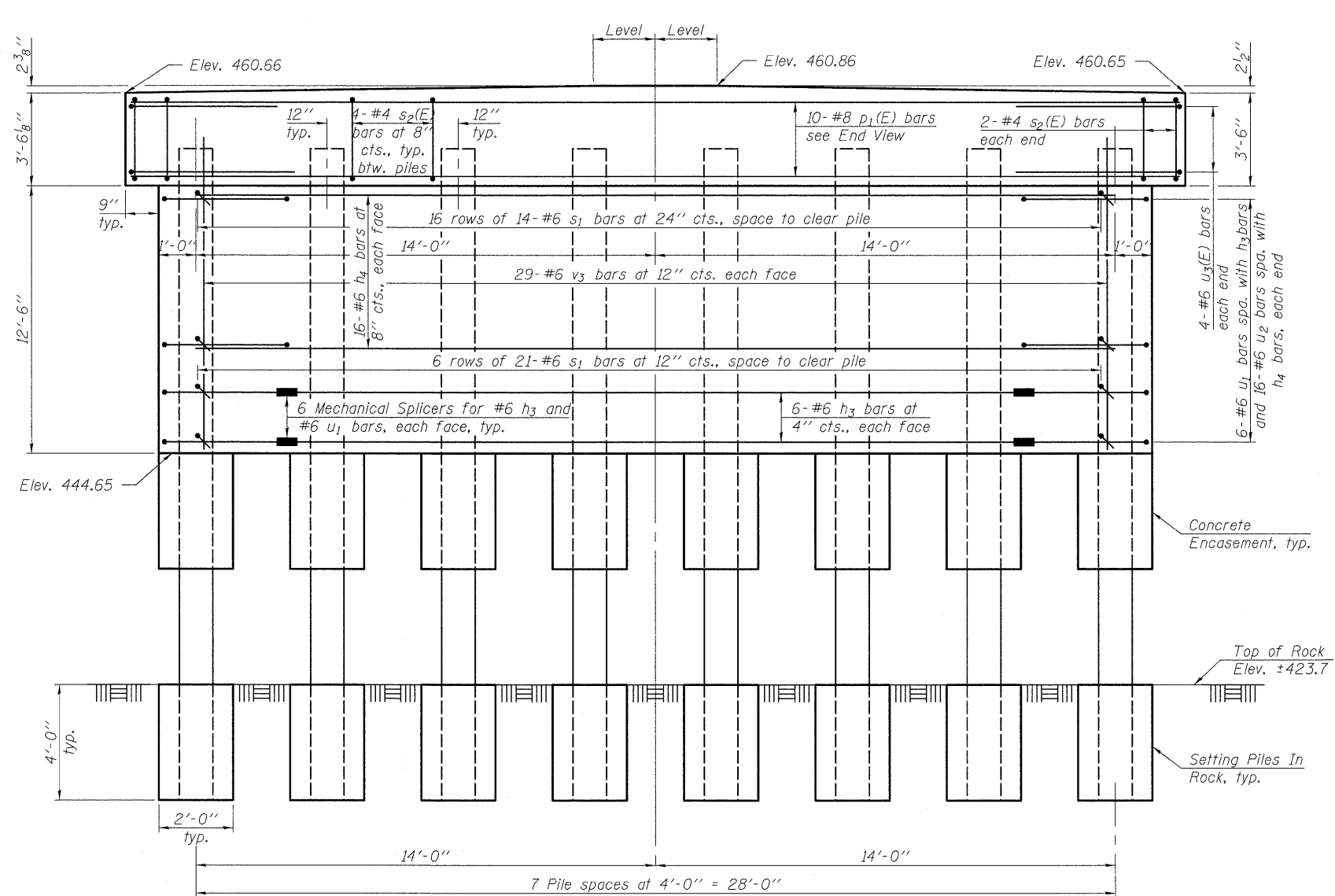
Type: HP12x63
Nominal Required Bearing: 497 kips
Factored Resistance Available: 199 kips
Est. Length: 40'
No. Production Piles: 8
No. Test Piles: 0



PLAN



END VIEW



ELEVATION

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h3	12	#6	23'-0"	—
h4	32	#6	28'-0"	—
P1(E)	10	#8	31'-2"	—
S1	350	#6	3'-4"	U
S2(E)	32	#4	13'-5"	□
U1	12	#6	7'-8"	U
U2	32	#6	10'-2"	U
U3(E)	8	#6	12'-1"	I
V3	58	#6	14'-0"	—
Structure Excavation			Cu. Yd.	22
Concrete Structures			Cu. Yd.	42.2
Concrete Encasement			Cu. Yd.	2.8
Reinforcement Bars			Pound	5,360
Reinforcement Bars, Epoxy Coated			Pound	1,270
Furnishing Steel Piles HP12x63			Foot	320
Mechanical Splicers			Each	24
Setting Piles in Rock			Each	8
Underwater Structure Excavation Protection - Location 1			Each	1

Space reinforcement in cap to miss dowel rods.
For dowel rod placement details, see sheet 2 of 11.
For details of piles and concrete encasement, see sheet 10 of 11.
If a portion of the pier wall or concrete encasement is under water, reinforcement may be placed underwater into forms. Concrete shall be tremied according to Article 503.08 of the Standard Specifications to an elevation of 1'-0" above the water line at the time of construction.

DESIGNED	EML
CHECKED	KAK
DRAWN	EML
CHECKED	KAK

PIER 1
STRUCTURE NO. 095-3260



SHEET NO. 8 11 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	836	07-00077-01-BR	WASHINGTON	27	16
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
			CONTRACT NO. 97402		