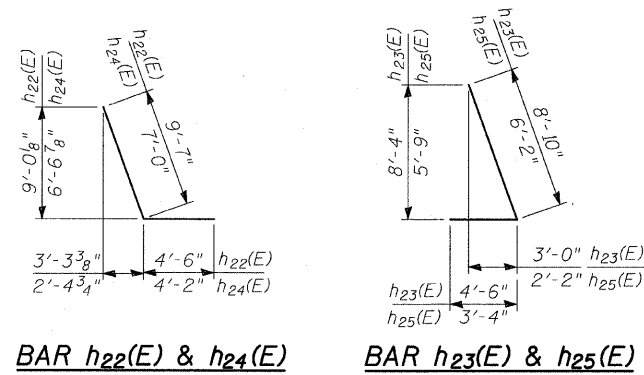


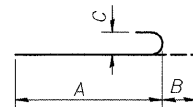
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. S-39A
346	*	LAKE	469	208A	S-66 SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		
* 125X-HB-(1&2) R-1		CONTRACT # 60826			

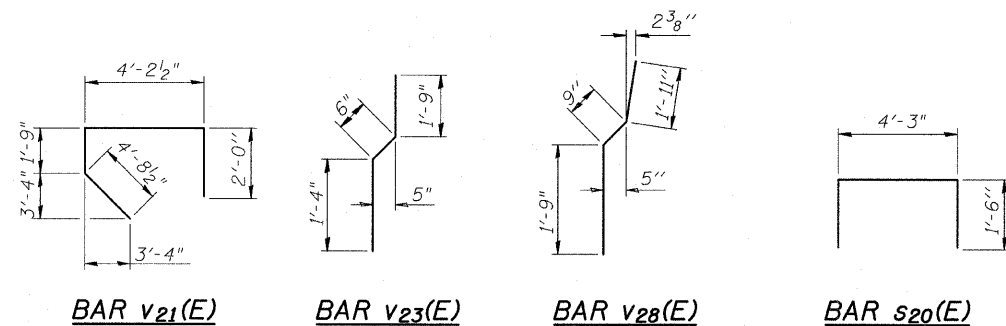


MARK TABLE

Bar	A	B	C
n ₂₀ (E)	7'-3"	11"	8"
n ₂₁ (E)	5'-3"	7"	5"



BAR n₂₀(E) & n₂₁(E)



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h ₂₀ (E)	74	#5	31'-8"	—
h ₂₁ (E)	74	#5	20'-4"	—
h ₂₂ (E)	18	#7	14'-1"	└
h ₂₃ (E)	18	#7	13'-4"	└
h ₂₄ (E)	20	#5	11'-2"	└
h ₂₅ (E)	20	#5	9'-6"	└
h ₂₆ (E)	8	#6	31'-5"	—
h ₂₇ (E)	8	#6	21'-0"	—
h ₂₈ (E)	18	#5	13'-0"	—
h ₂₉ (E)	20	#5	15'-5"	—
h ₃₀ (E)	6	#4	15'-5"	—
h ₃₁ (E)	6	#4	7'-0"	—
h ₃₂ (E)	5	#5	20'-7"	—
n ₂₀ (E)	244	#8	8'-2"	└
n ₂₁ (E)	123	#5	5'-10"	└
s ₂₀ (E)	21	#5	7'-3"	└
t ₂₀ (E)	230	#7	11'-8"	—
t ₂₁ (E)	14	#7	12'-5"	—
t ₂₂ (E)	13	#9	11'-11"	—
t ₂₃ (E)	9	#5	11'-11"	—
t ₂₄ (E)	14	#7	14'-2"	—
t ₂₅ (E)	4	#7	6'-0"	—
v ₂₀ (E)	298	#5	8'-0"	└
v ₂₁ (E)	100	#5	12'-8"	└
v ₂₂ (E)	200	#5	11'-0"	└
v ₂₃ (E)	98	#5	3'-7"	└
v ₂₄ (E)	98	#5	3'-8"	└
v ₂₅ (E)	23	#5	17'-0"	└
v ₂₆ (E)	46	#5	17'-5"	└

BILL OF MATERIAL (CONT.)

v ₂₇ (E)	23	#5	4'-2"	└
v ₂₈ (E)	46	#5	4'-5"	└
w ₂₀ (E)	48	#5	33'-11"	—
w ₂₁ (E)	48	#5	22'-10"	—
w ₂₂ (E)	24	#5	12'-8"	—
w ₂₃ (E)	8	#5	6'-3"	—
Reinforcement Bars, Epoxy Coated		POUND	32,920	
Porous Granular Embankment, (Special)		CU YD	1,066	
Structure Excavation		CU YD	2,699	
Concrete Structures		CU YD	332	
Protective Coat		SQ YD	10	
Pipe Underdrain For Structures, 6"		FOOT	131	
Furnishing Metal Pile Shells 14"x0.25"		FOOT	3,996	
Driving Piles		FOOT	3,996	
Test Pile Metal Shells		EACH	1	
Concrete Sealer		SQ FT	251	
Bar Splicers		EACH	163	
Geocomposite Wall Drain		SQ YD	185	
Pile Extraction		EACH	6	
Pile Shoes		EACH	75	

TYLIN INTERNATIONAL

DESIGNED	- SP
CHECKED	- AD
DRAWN	- SP, MAF
CHECKED	- AD

NORTH ABUTMENT
DETAILS III

FAP 346 (U.S. ROUTE 41 - SKOKIE
HIGHWAY) OVER ILLINOIS ROUTE 132
SECTION 125X-HB-(1&2)R-1
LAKE COUNTY
S.N. 049-0209