



To be poured after beams and concrete wearing surface are in place



Concrete Removal

## ABUTMENTS BILL OF MATERIAL

Bar	No.	Size	Length	Shape					
h(E)	12	#4	33'-4"						
h1(E)	24	#5	32'-2"						
h2(E)	8	#5	5'-0"						
h3(E)	16	#4	9′-8″						
h4(E)	8	#4	4'-6"						
υ(E)	126	#4	6′-2″						
υ <sub>1</sub> (Ε)	106	#5	4'-4"						
u <sub>2</sub> (E)	24	#5	5′-8″						
v(E)	40	#4	2'-2"						
v1(E)	40	#4	1'-4"						
v <sub>2</sub> (E)	40	#4	2'-5"						
v3(E)	40	#4	1'-8"						
Concrete Removal			Cu. Yd.	8.8					
Concrete Structures			Cu. Yd.	11.6					
Concrete Superstructure			Cu. Yd.	9.9					
Reinforcement Bars,			Pound	2.590					
Ероху Со	ated	1.00110	2,550						
Protective	e Coat	Sq. Yd.	10						

714.55 (N) 714.62 (S)

## NOTES

Existing reinforcement shall be cleaned, straightened (if required) and incorporated into the new construction. Cost included with Concrete Removal.

Existing reinforcement bars which have lost 25% or more of their original diameter shall be supplemented by new epoxy coated bars of the same diameter. New bars shall be drilled and epoxy grouted in place adjacent to the original bars, as directed by the Engineer. Drilling and epoxy grouting of reinforcement bars shall be in accordance with Article 584 of the Standard Specifications.

Removal of the existing joint system is included with concrete removal.

Hatched area to be poured after Concrete Wearing Surface false work has been removed. Quantity of concrete included with Concrete Superstructure.

Space reinforcement in cap to miss Dowel Rods.

See Sheet 21 of 29 for Sections A-A thru C-C and Wing Wall Details,

## ABUTMENTS STRUCTURE NO. 022-6930

NO. 20	F.A.U. RTE.				COUNTY	TOTAL SHEETS	SHEET NO.
	2651	07-00083-00-BR			DUPAGE	50	34
EETS					CONTRACT	NO. 63	601
	FED. ROAD DIST. NO ILLINOIS FED. A			AID PROJECT			