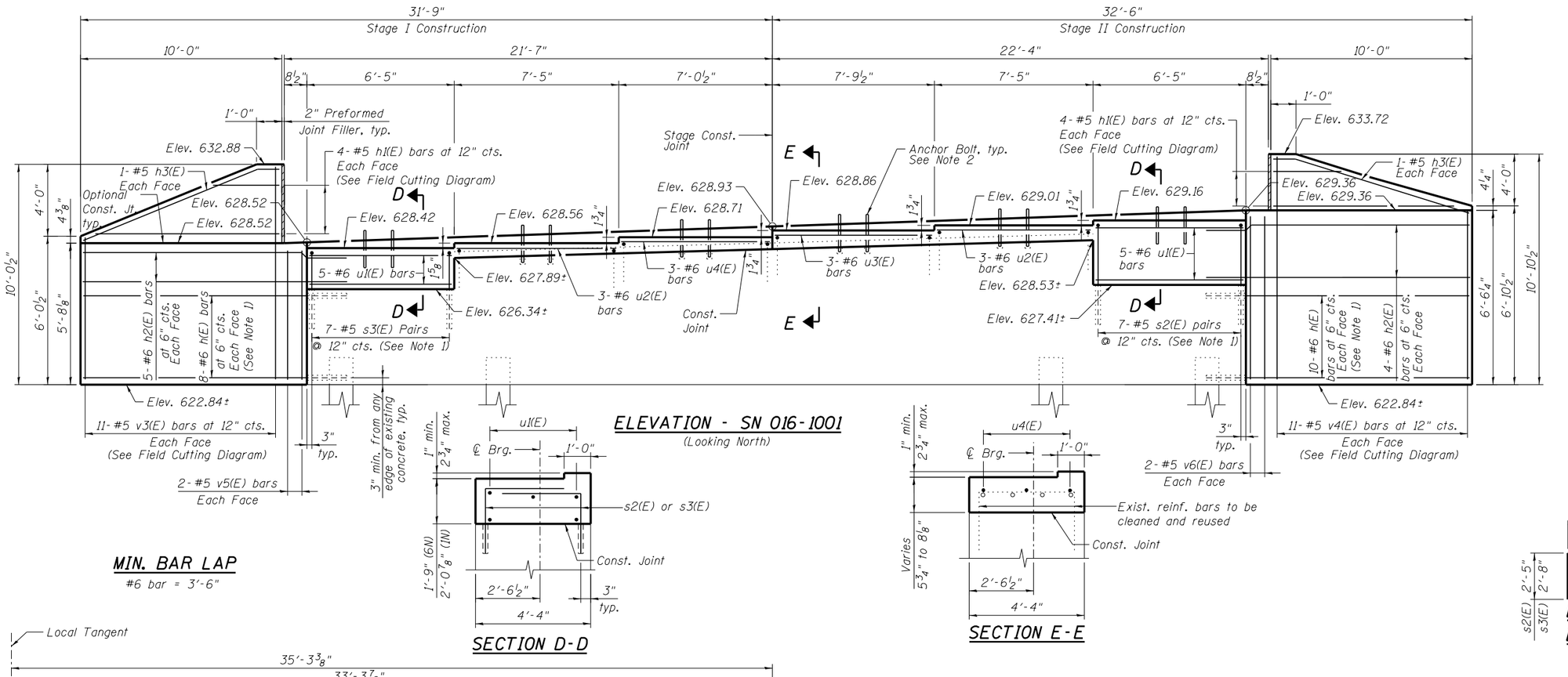


ELEVATION - SN 016-1001

(Looking North)

SECTION D-D

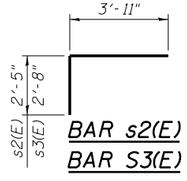
SECTION E-E

MIN. BAR LAP

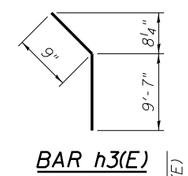
#6 bar = 3'-6"

BILL OF MATERIAL

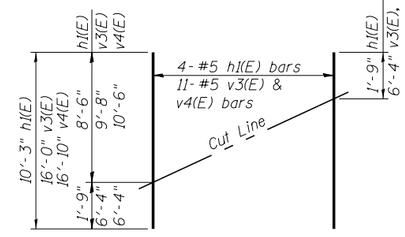
Bar	No.	Size	Length	Shape
h(E)	36	#6	11'-7"	
h1(E)	16	#5	10'-8"	
h2(E)	18	#6	14'-2"	
h3(E)	4	#5	10'-4"	
s2(E)	14	#5	6'-4"	
s3(E)	14	#5	6'-7"	
u1(E)	10	#6	6'-1"	
u2(E)	6	#6	7'-1"	
u3(E)	3	#6	7'-5"	
u4(E)	3	#6	6'-8"	
v3(E)	22	#5	16'-0"	
v4(E)	22	#5	16'-10"	
v5(E)	4	#5	5'-2"	
v6(E)	4	#5	5'-11"	
Concrete Structures			Cu. Yd.	13.5
Reinforcement Bars, Epoxy Coated			Pound	2440
Geocomposite Wall Drain			Sq. Yd.	26
Pipe Underdrains for Structures 4"			Foot	68



BAR s2(E)
BAR S3(E)

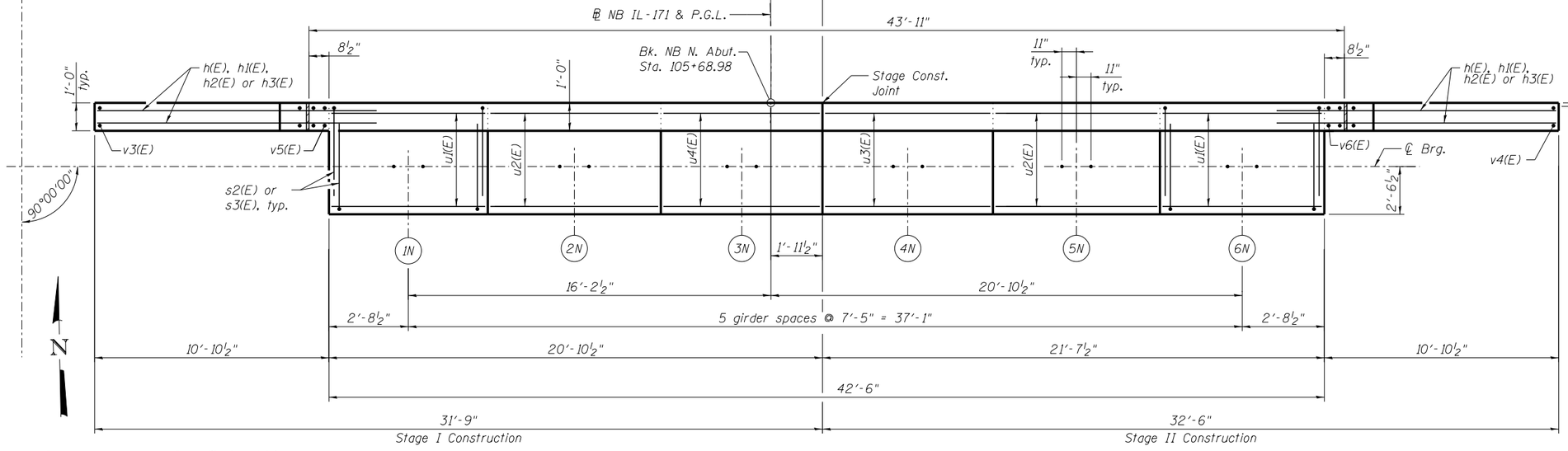


BAR h3(E)



FIELD CUTTING DIAGRAM

Order h1(E), v3(E) & v4(E) full length. Cut as shown and use remainder of bars in opposite face.



TOP VIEW - SN 016-1001

NOTES:

1. Epoxy grout s2(E) & s3(E) bars in 9" min. drilled holes and h(E) bars in 9" min. drilled holes according to Section 584 of the Standard Specifications. Drilling and grouting included with "Concrete Structures". h(E) bars to be drilled and placed inside the existing vertical bars.
2. See Sheet SA28 for anchor bolt details.

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FILE NAME = 01610000.60J16.035_NAbutMods_NB.dgn	USER NAME = jsurber	DESIGNED - RMM	REVISED -
		CHECKED - DJM	REVISED -
	PLOT SCALE =	DRAWN - MAK	REVISED -
	PLOT DATE = 12/20/2012	CHECKED - RMM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT MODIFICATION DETAILS
STRUCTURE NO. 016-1000/1001
SHEET NO. SA35 OF SA40 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	283
		CONTRACT NO. 60J16		
	ILLINOIS FED. AID PROJECT			

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