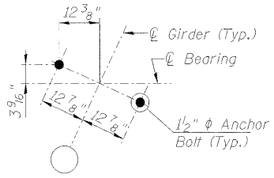
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	***	BOND	99	57
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

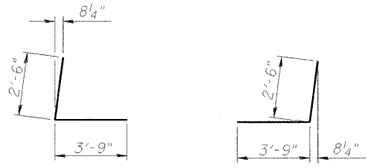
SHEET NO. 19
30 SHEETS

Contract #97366

***99-00036-00-BR

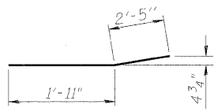


ANCHOR BOLT LAYOUT
(Typical all Girder Locations)

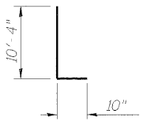


BAR h2(E)

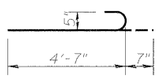
BAR h3(E)



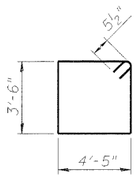
BAR h9(E)



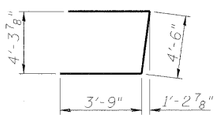
BAR v1(E)



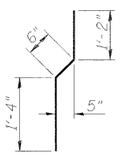
BAR n1(E)



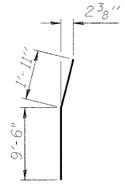
BAR s1(E)



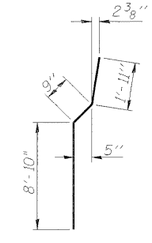
BAR u1(E)



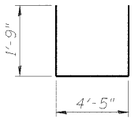
BAR v2(E)



BAR v7(E)



BAR v6(E)



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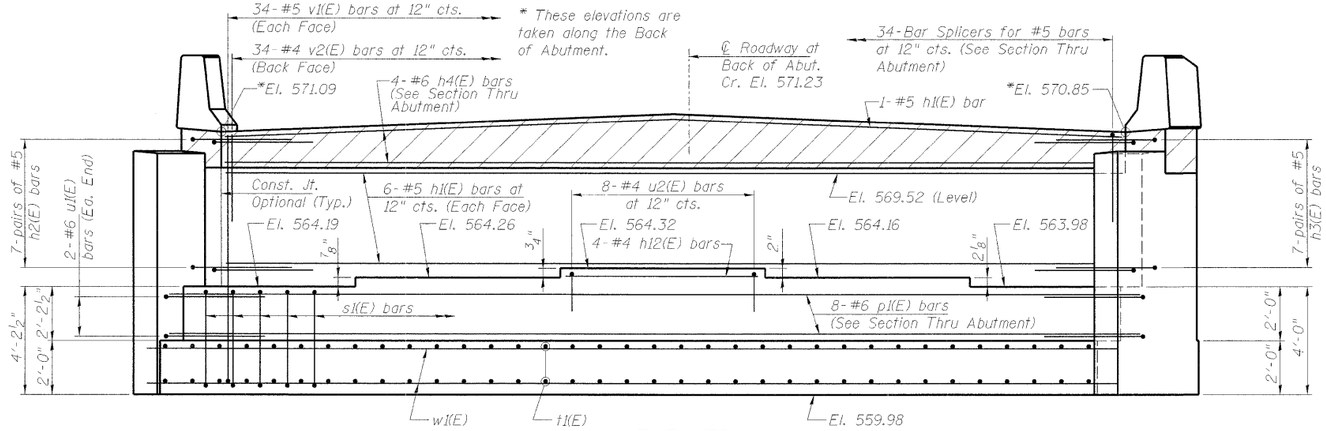
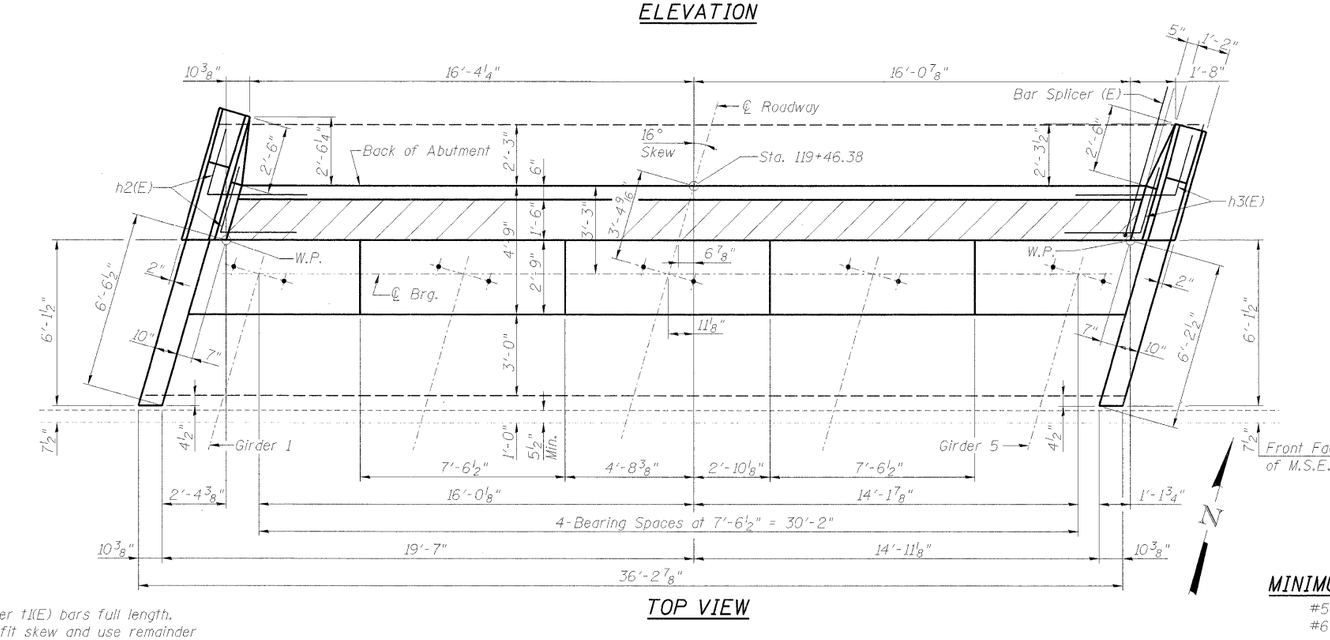
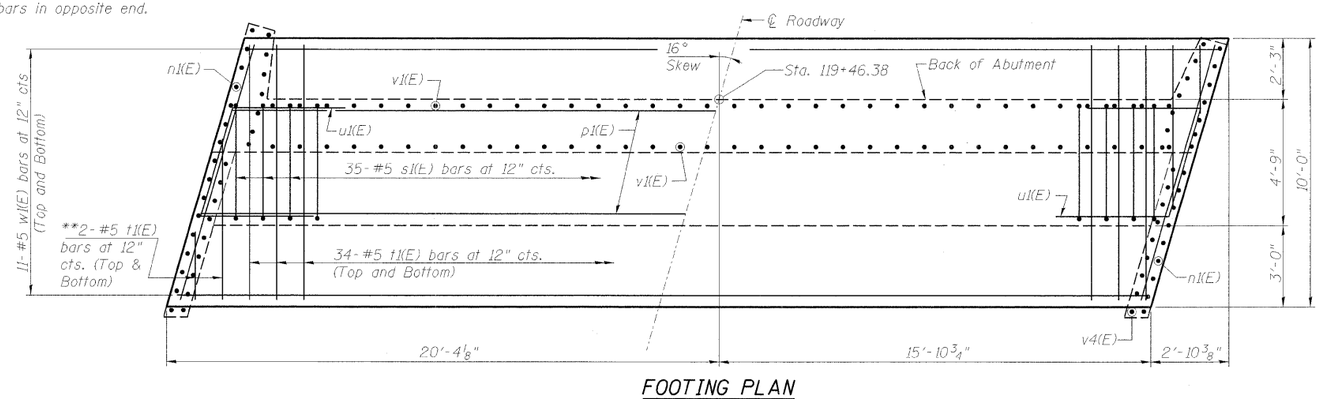


ELEVATION



TOP VIEW

** Order t1(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.



FOOTING PLAN

MINIMUM BAR LAPS

#5 bar = 2'-2"
#6 bar = 2'-7"

NORTH ABUTMENT
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	13	#5	33'-3"	
h2(E)	14	#5	6'-3"	
h3(E)	14	#5	6'-3"	
h4(E)	4	#6	33'-3"	
h6(E)	9	#5	10'-3"	
h7(E)	9	#5	11'-1"	
h8(E)	18	#5	8'-0"	
h9(E)	22	#5	4'-4"	
h10(E)	6	#5	4'-0"	
h11(E)	6	#5	4'-6"	
h12(E)	4	#4	7'-3"	
n1(E)	60	#5	5'-2"	
p1(E)	8	#6	35'-10"	
s1(E)	35	#5	16'-9"	
t1(E)	72	#5	9'-8"	
u1(E)	4	#6	12'-0"	
u2(E)	8	#4	7'-11"	
v1(E)	68	#5	11'-2"	
v2(E)	34	#4	3'-0"	
v3(E)	32	#5	7'-10"	
v4(E)	4	#5	9'-9"	
v5(E)	14	#5	11'-4"	
v6(E)	6	#5	11'-6"	
v7(E)	8	#5	11'-5"	
w1(E)	22	#5	35'-10"	
Concrete Structures		Cu. Yd.	60.5	
Reinforcement Bars, Epoxy Coated		Pound	5880	
Concrete Sealer		Sq. Ft.	572	

Notes:
For Details of Bar Splicers, see sheet 26 of 30.
Dimensions are based on a M.S.E. minimum Wall thickness of 5½". If the Contractor elects to use a wall supplier with thicker wall units, the dimensions and reinforcement will require adjustment.

NORTH ABUTMENT
ANDREWS DRIVE over
U.S. ROUTE 40 ; CSX RR and IL. WESTERN RR
SEC. 99-00036-00-BR
STR. NO. 003-6000
CITY of GREENVILLE
BOND COUNTY
STATION 117+73.00

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HANSON
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JOB NO. 04S2012

DATE 12/10/08

LAYOUT	MKM	03/07/08
DRAWN	Rkd	03/07/08
RECHECKED	MKM	03/07/08

12:23:32 2008
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