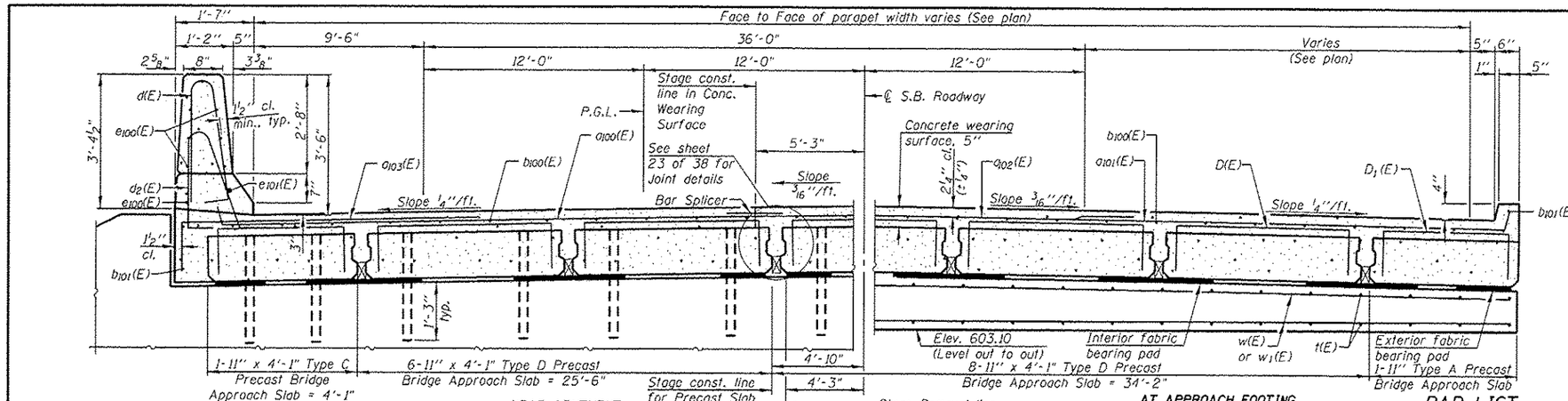
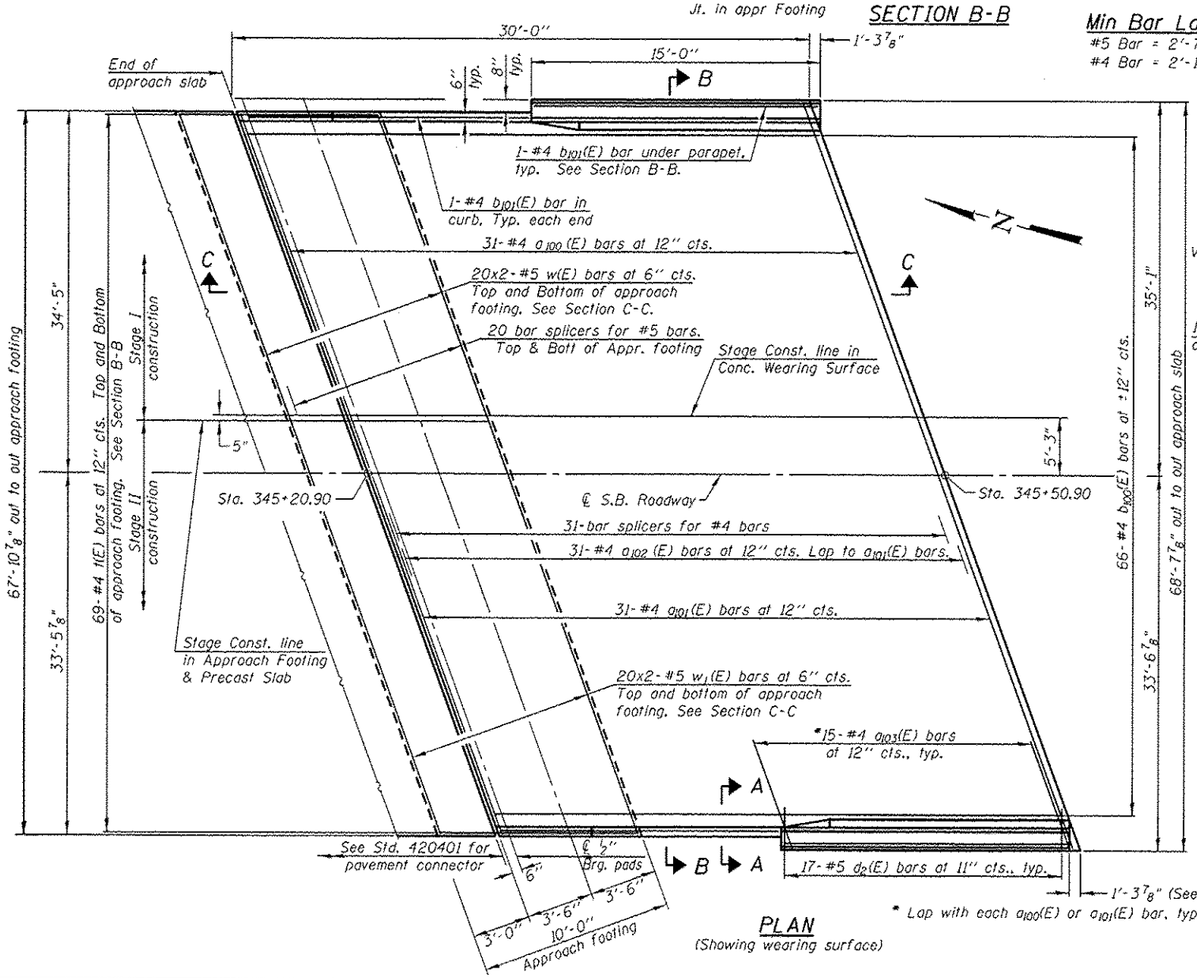


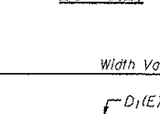
SECTION B-B



* Lap with each $a_{100}(E)$ or $a_{101}(E)$ bar, typ. each parapet.

PLAN
(Showing wearing surface)

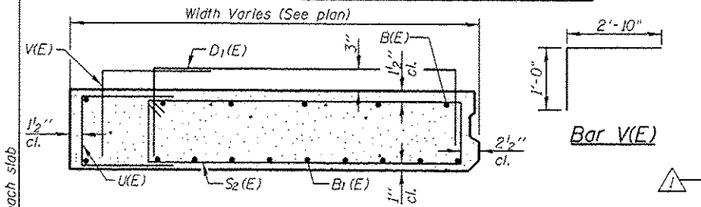
Min Bar Lap
#5 Bar = 2'-7"
#4 Bar = 2'-1"



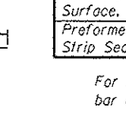
Bar U(E)

BAR LIST
EXTERIOR SLAB TYPE A (1 REQUIRED)
(For information only)

Bar	No.	Size	Length	Shape
B(E)	6	#5	29'-8"	
B1(E)	11	#9	29'-8"	
D1(E)	32	#4	6'-3"	
S2(E)	58	#5	8'-8"	
S3(E)	18	#5	9'-3"	
U(E)	58	#5	8'-9"	
V(E)	32	#4	3'-10"	



SECTION E-E (Type A)
(Showing reinforcement)



Bar V(E)

Notes:
For Sections A-A, C-C, Parapet reinforcement and Bar bending details see sheet 22 of 38.
For Precast Bridge Approach Slab Section D-D and Joint Seal details see sheet 24 of 38.

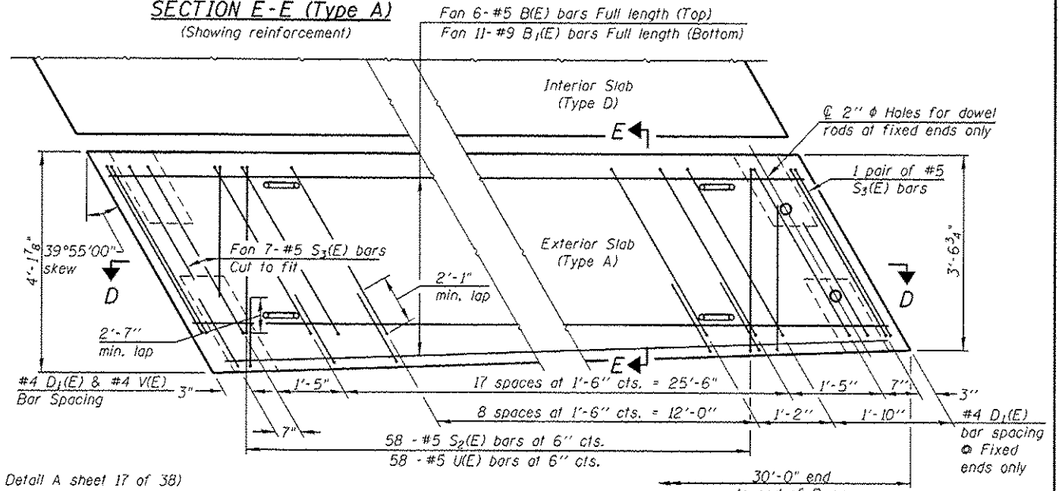
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a100(E)	31	#4	37'-8"	
a101(E)	31	#4	40'-5"	
a102(E)	31	#4	11'-3"	
a103(E)	30	#4	7'-5"	
b100(E)	66	#4	29'-8"	
b101(E)	4	#4	14'-8"	
d(E)	34	#5	6'-10"	
d2(E)	34	#5	5'-11"	
e100(E)	16	#4	14'-8"	
e101(E)	2	#8	14'-8"	
t(E)	138	#4	12'-8"	
w(E)	80	#5	20'-6"	
w1(E)	80	#5	26'-0"	
Concrete Superstructure			Cu. Yd.	4.1
Concrete Structures			Cu. Yd.	38.8
Reinforcement Bars, Epoxy Coated			Pound	9,090
Precast Bridge Approach Slab			Sq. Ft.	2,030
Concrete Wearing Surface, 5"			Sq. Yd.	228
Preformed Joint Strip Seal			Foot	92

For Section D-D, $D_1(E)$, $S_2(E)$, and $S_3(E)$ bar details, see sheet 24 of 38.

⚠ ** Textured Epoxy Coated Reinforcement Bars. See Special Provision.

SECTION E-E (Type A)
(Showing reinforcement)



PARTIAL PLAN
(Showing precast bridge approach beams)

FILE NAME = S:\AP\projects\72F49 (IDOT\S13-48 IDOT 06 PTB 137 Item 28 W07 SB I-55 Bridge\CADD\CADD Sheets\BE49021-72F49-0220-North Bridge Approach Slab.dgn
MODEL = $MODEL$
PLOT DRIVER = $PLTDRV$$

QUIGG ENGINEERING INC

USER NAME = tf-ey	DESIGNED - KRG	REVISED ⚠ 1/9/2015 D.R.B.
	CHECKED - MJK	REVISED
PLOT SCALE =	DRAWN - TF	REVISED
PLOT DATE = 1/12/2015	CHECKED - SCD	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH BRIDGE APPROACH SLAB
STRUCTURE NO. 084-0021
SHEET NO. 20 OF 38 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(84-2) BR-3, RS-4	SANGAMON	86	61
		CONTRACT NO. 72F49		
	ILLINOIS FED. AID PROJECT			