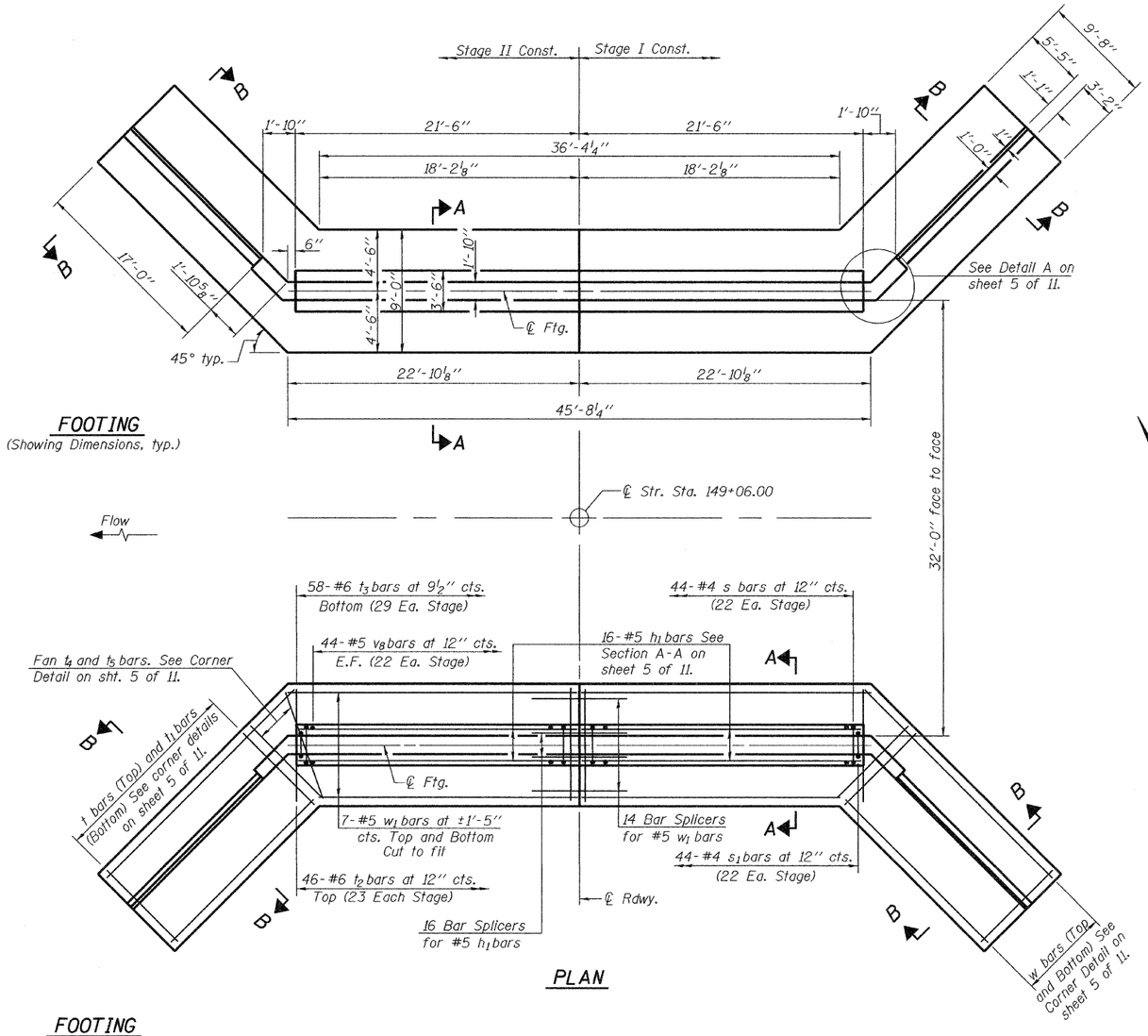
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 330	104B-3-BR	WILL	42	23
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 4
11 SHEETS

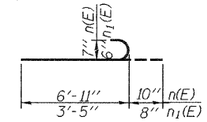
Contract No. 60B80



FOOTING
(Showing Dimensions, typ.)

PLAN

FOOTING
(Showing Reinforcement, typ.)



BARS n(E) & n1(E)

BILL OF MATERIAL
TWO STRUCTURE FOOTINGS, TWO PEDESTALS AND FOUR WINGWALL FOOTINGS

Bar	No.	Size	Length	Shape
h_1	64	#5	21'-2"	
n(E)	80	#7	7'-9"	
n_1(E)	84	#6	4'-1"	
s	88	#4	12'-10"	
s_1	88	#4	8'-11"	
t	124	#7	9'-4"	
t_1	80	#6	9'-4"	
t_2	92	#6	8'-8"	
t_3	116	#6	8'-8"	
t_4	20	#7	9'-9"	
t_5	12	#6	9'-9"	
v_8	176	#5	3'-10"	
w	56	#5	21'-8"	
w_1	56	#5	22'-7"	
Concrete Structures			Cu. Yd.	125.3
Reinforcement Bars			Pound	12750
Reinforcement Bars, Epoxy Coated			Pound	1780

See sheet 5 of 11 for Section A-A.
See sheet 6 of 11 for Section B-B.
For details of bars s and s_1, See sheet #5 of 11.

DESIGNED	Dhruv P. Narielwala
CHECKED	Stephen M. Ryan
DRAWN	h.t. duong
CHECKED	DPN/SMR

November 20 2007
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

FOOTING DETAILS
F.A.P. RT. 330 SEC. 104B-3-BR
WILL COUNTY
STATION 149+06.00
STRUCTURE NO. 099-4649