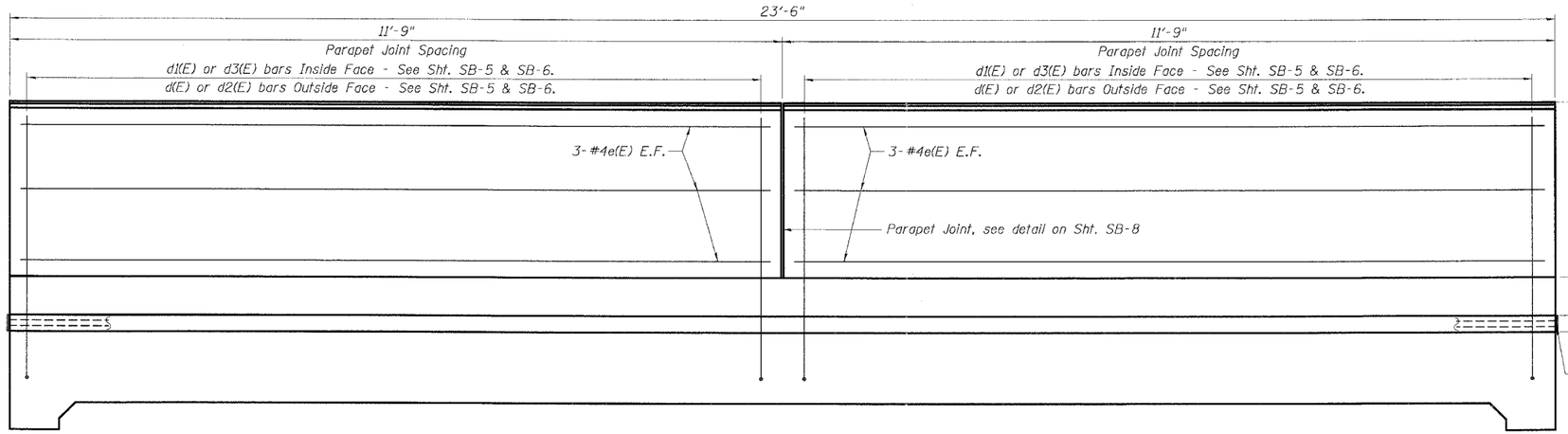
CONTRACT NO. 60B85

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-031 BY	WILL	137	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



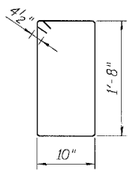
INSIDE ELEVATION OF PARAPET

SOUTHBOUND DECK BAR LIST

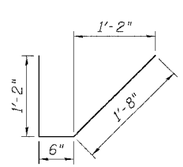
Bar	No.	Size	Length	Shape
d(E)	50	#5	13'-7"	
b(E)	14	#5	24'-11"	
b1(E)	30	#5	3'-4"	
b2(E)	34	#8	25'-1"	
b3(E)	2	#5	23'-3"	
d2(E)	26	#4	3'-6"	
d3(E)	28	#5	4'-11"	
e(E)	12	#4	11'-5"	
s(E)	26	#4	5'-9"	

NORTHBOUND DECK BAR LIST

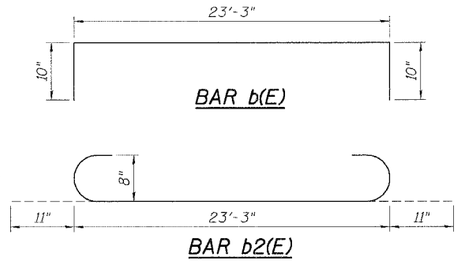
Bar	No.	Size	Length	Shape
d(E)	50	#5	13'-7"	
b(E)	14	#5	24'-11"	
b1(E)	30	#5	3'-4"	
b2(E)	34	#8	25'-1"	
b3(E)	2	#5	23'-3"	
d(E)	26	#4	3'-3"	
d1(E)	28	#5	4'-8"	
e(E)	12	#4	11'-5"	
s(E)	26	#4	5'-9"	



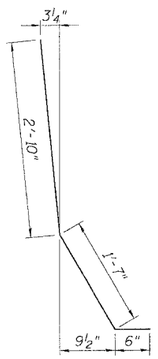
BAR s(E)



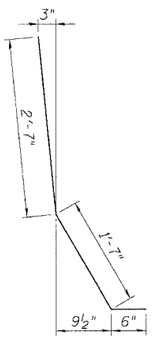
BAR b1(E)



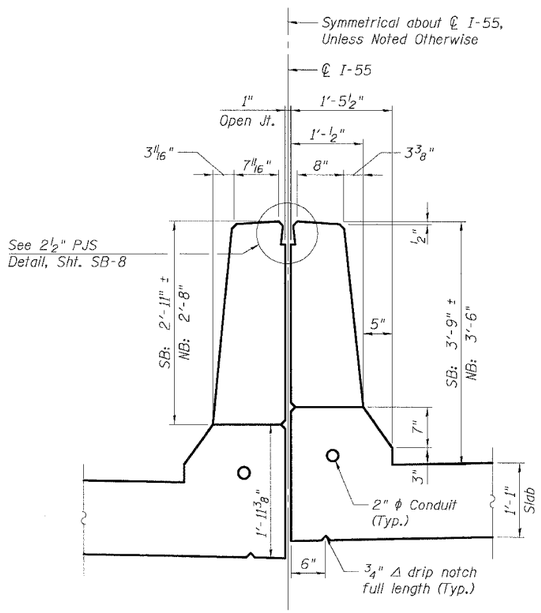
BAR b2(E)



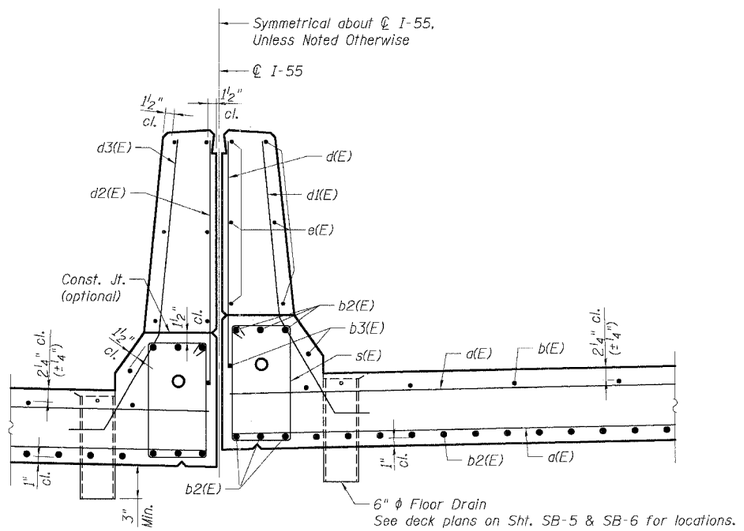
BAR d3(E)



BAR d1(E)



SECTION F-F
(Showing Parapet Geometry)



SECTION F-F
(Showing Parapet Reinforcement)

BILL OF MATERIAL

(Includes NB & SB Decks and Parapets)

Item	Unit	Total
Concrete Superstructure	Cu. Yd.	35.1
Reinforcement Bars, Epoxy Coated	Pound	7,790
Conduit Embedded in Structure, 2" dia., Galvanized Steel	Lin. Ft.	47
Preformed Joint Seal, 2½"	Lin. Ft.	23.5
Floor Drains	Each	2

Notes:

1. Work this sheet with Sht. SB-5 & Sht. SB-6.
2. For 2½" PJS detail, see Sht. SB-8.
3. For Floor Drain detail, see Sht. SB-8.
4. Reinforcement bars designated (E) shall be epoxy coated.
5. SB denotes Southbound Parapet, NB denotes Northbound Parapet.

SHT. SB-7 OF 13

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (OVER CSX RR AND SUNNYLAND DRAIN)
BRIDGE WIDENING
NB & SB I-55 OVER SUNNYLAND DRAIN, S.N. 099-0014 & 099-0015
STA. 491+90.44, SECTION 2006-031 BY
WILL COUNTY

PARAPET DETAILS 1

SCALE:
DRAWN BY MDB
DATE 07/07/06
CHECKED BY MJK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = @DATE@
FILE NAME = @FILE1@
PLOT SCALE = @SCALE@
USER NAME = @USER@

C:\BITMAP\ARROW.SCH
T-85-62006.B1-421

S:\DOCUMENT\R2355\B01\STRUCT\CGN\SU01A2A2.SHT