STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

DISTRICT	SECTION	COUNTY	FED. ROAD DIST. NO.	STATE ROUTE	SHEET NO. 2
5	73B1	RANDOLPH	157	63	27 SHEETS

NOTE
Bars indicated thus 20-#5 etc indicates 20 lines of bars with 3 lengths per line
Min. bar. lap = 29.0d

HALF PLAN

NEAR PIER — NEAR MIDSPAN

CROSS SECTION

TYPICAL END OF SEALER TREATMENT

PREFORMED JOINT SEALER

SECTION A-A

FLOOR DRAIN
Cost incidental to Class 'X' Concrete

CURB SECTION
Cost of Aluminum Sheets shall be incidental to Class 'X' Concrete.

BAR a_2 — BAR a_3 — BAR d — BAR d_1

NOTE: For placement of bars d_2 and e or e see sheet #12

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_2	314	#6	5'-0"	
a_3	328	#6	33'-0"	
a_4	328	#6	12'-0"	
#6	300	#6	24'-9"	
b_1	245	#8	55'-0"	
b_2	45	#6	37'-6"	
b_3	19	#6	15'-3"	
b_4	19	#5	35'-6"	
b_5	6	#8	14'-9"	
b_6	6	#5	12'-9"	
b_7	230	#6	25'-0"	
d	338	#4	5'-0"	
d_1	336	#5	5'-3"	
Reinforcement Bars			Lbs.	64,980
Class 'X' Concrete			Cu. Yds.	258.0
* Structural Steel			Lbs.	193,200

* Weight of bearing assemblies with lead plates and anchor bolts are included as Structural Steel wt. = 9965 lbs.

Parapet Reinforcement and Class 'X' Concrete are billed on sheet #12

SUPERSTRUCTURE-SPANS 1 & 2
S.B.I. RTE 3 SEC. 73B-1
RANDOLPH COUNTY
STA. 793+60

DESIGNED Daniel Singh
CHECKED K. McMillan
DRAWN Dickerson
CHECKED K. McMillan
EXAMINED Mac 1st 1978
PASSED W. E. Bascom
APPROVED Richard D. Mattoon

S-586-R(515")

FILE NAME =	USER NAME = mannm	DESIGNED -	REVISED -
c:\pw_work\PWIDOT\MANNTM\dms52245\pln02005a.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

SCALE: | SHEET NO. 3 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	73BR-1I	RANDOLPH	51	48
		CONTRACT NO. 76883		
		ILLINOIS FED. AID PROJECT		