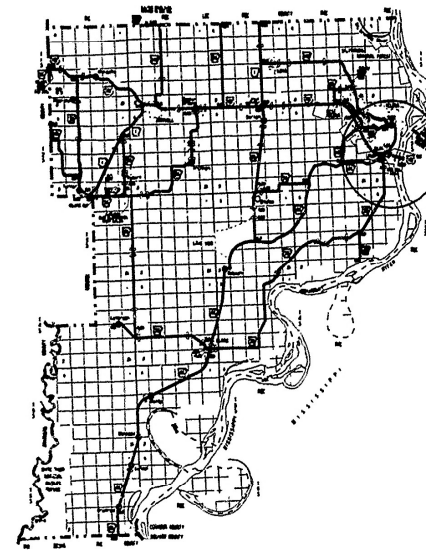




PROJECT LOCATION

PHILLIPS COUNTY

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
CONSTRUCTION PLANS FOR STATE HIGHWAY

HELENA BRIDGE REPAIR (S)

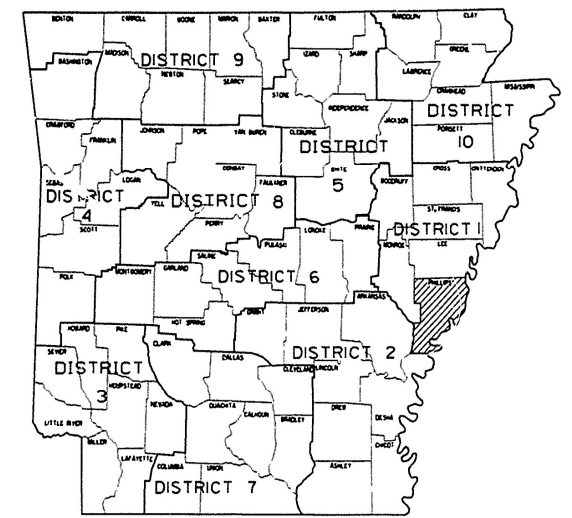
PHILLIPS COUNTY

ROUTE 49 SECTION II

JOB 110319

SCALE: 1" = 2 MILE

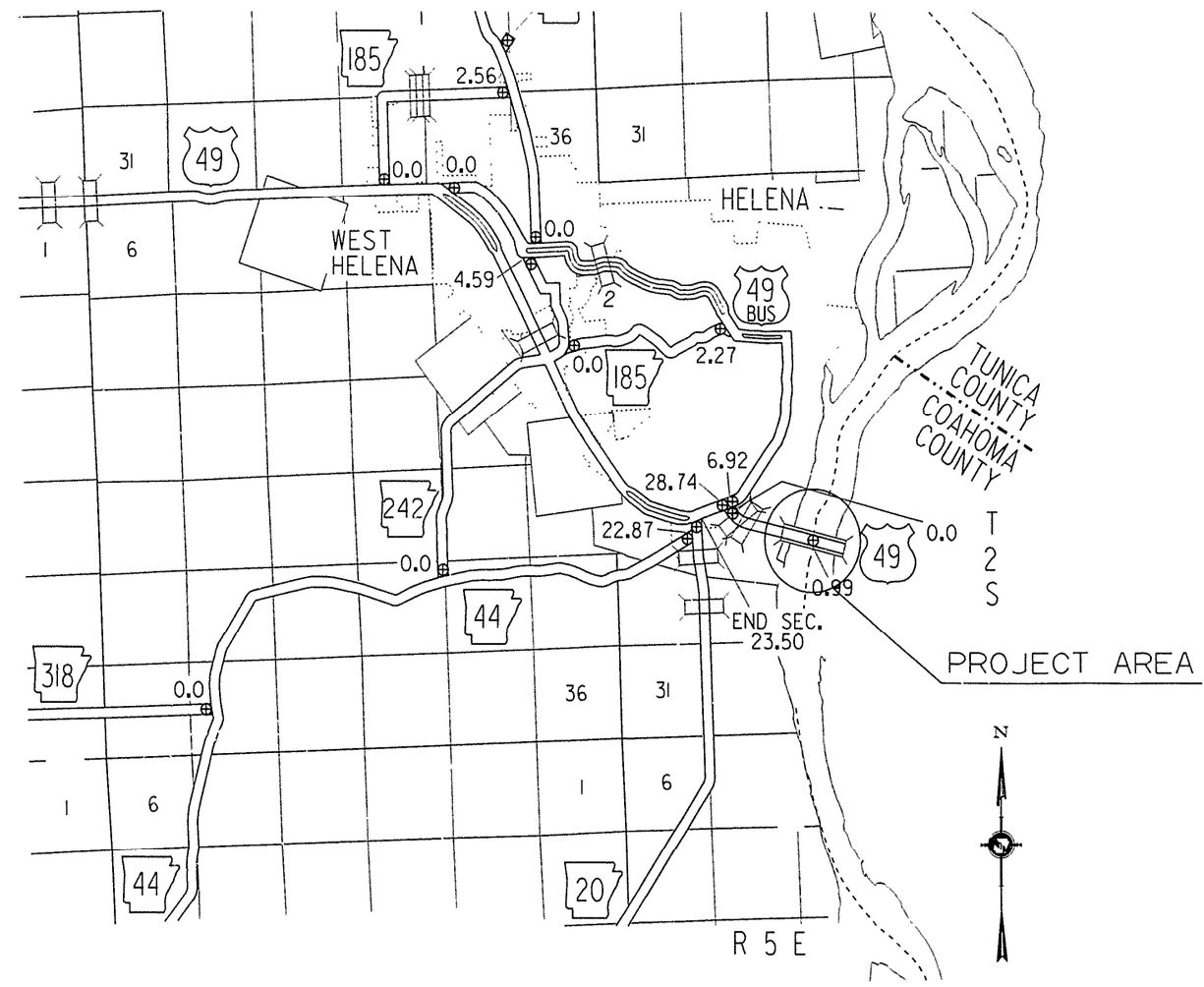
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO. 110319			1	4
				② HELENA BRIDGE REPAIR (S)				



ARK. HWY. DIST. NO. 1

DESIGN TRAFFIC DATA

DESIGN YEAR ----- 2017
1997 ADT -----
2017 ADT -----
2017 DHV -----
DIRECTIONAL DISTRIBUTION ----- %
TRUCKS ----- %
DESIGN SPEED ----- MPH



INDEX OF SHEETS

SHEET NO.	DRWG. NO.
1. TITLE SHEET	
2. DETAILS OF BOTTOM CHORD REPAIR	38528
3. DETAILS OF BRIDGE DECK REPAIR	38529
4. DETAIL OF BRIDGE DECK REPAIR	38530

	GROSS LENGTH OF PROJECT	FEET OR	MILES
NET	" " ROADWAY	" "	" "
NET	" " BRIDGES	" "	" "
NET	" " PROJECT	" "	" "



RECOMMENDED FOR APPROVAL

BRIDGE DESIGN ENGINEER

ROADWAY DESIGN ENGINEER

DISTRICT ENGINEER

APPROVED

CHIEF ENGINEER

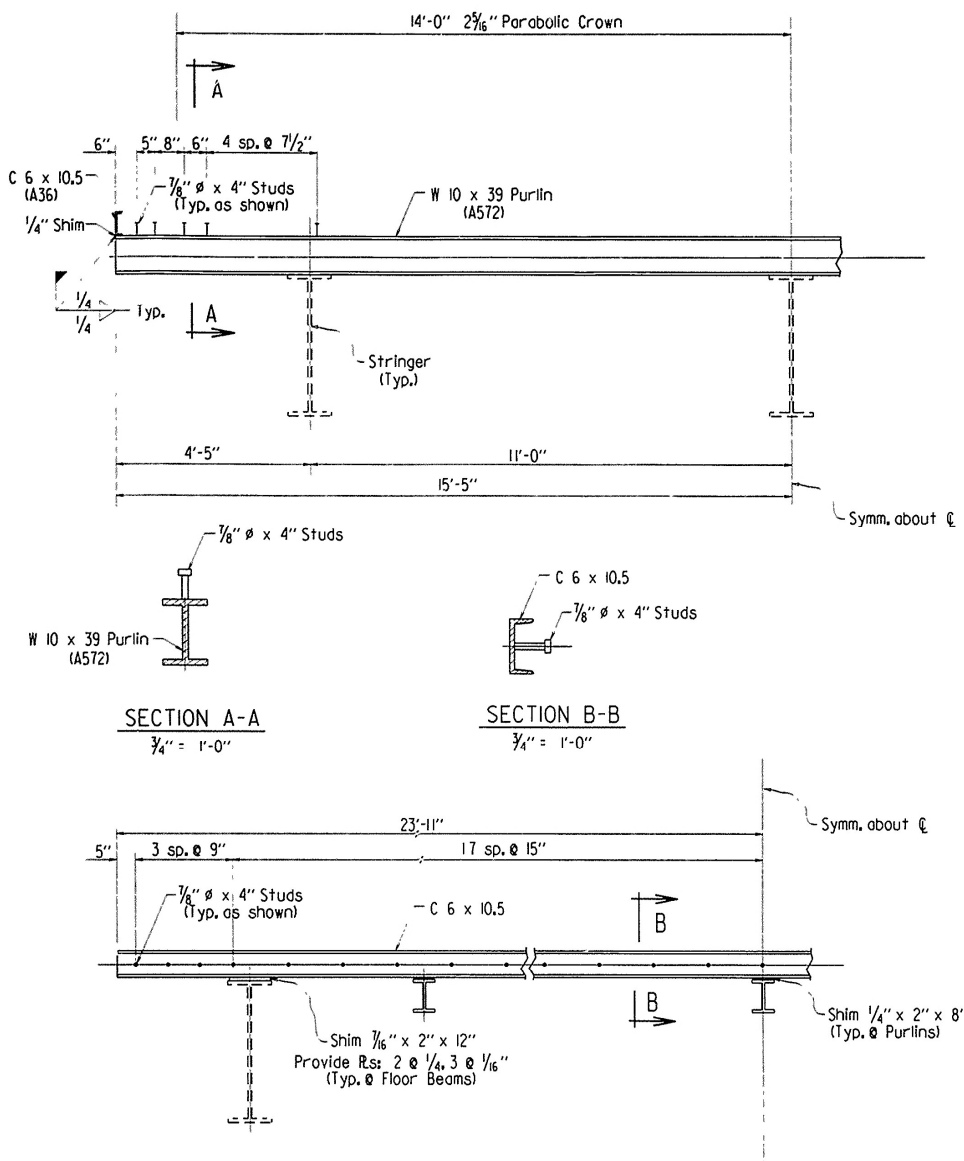
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
RECOMMENDED FOR APPROVAL

APPROVED

DIVISION ENGINEER

P.E. 110319
090-1997-001

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		110319		
				02899	- DECK REPAIR -	38529		



DETAILS OF
BRIDGE DECK REPAIR
BRIDGE OVER MISSISSIPPI RIVER (HELENA)
PHILLIPS COUNTY, AR
COAHOMA COUNTY, MS

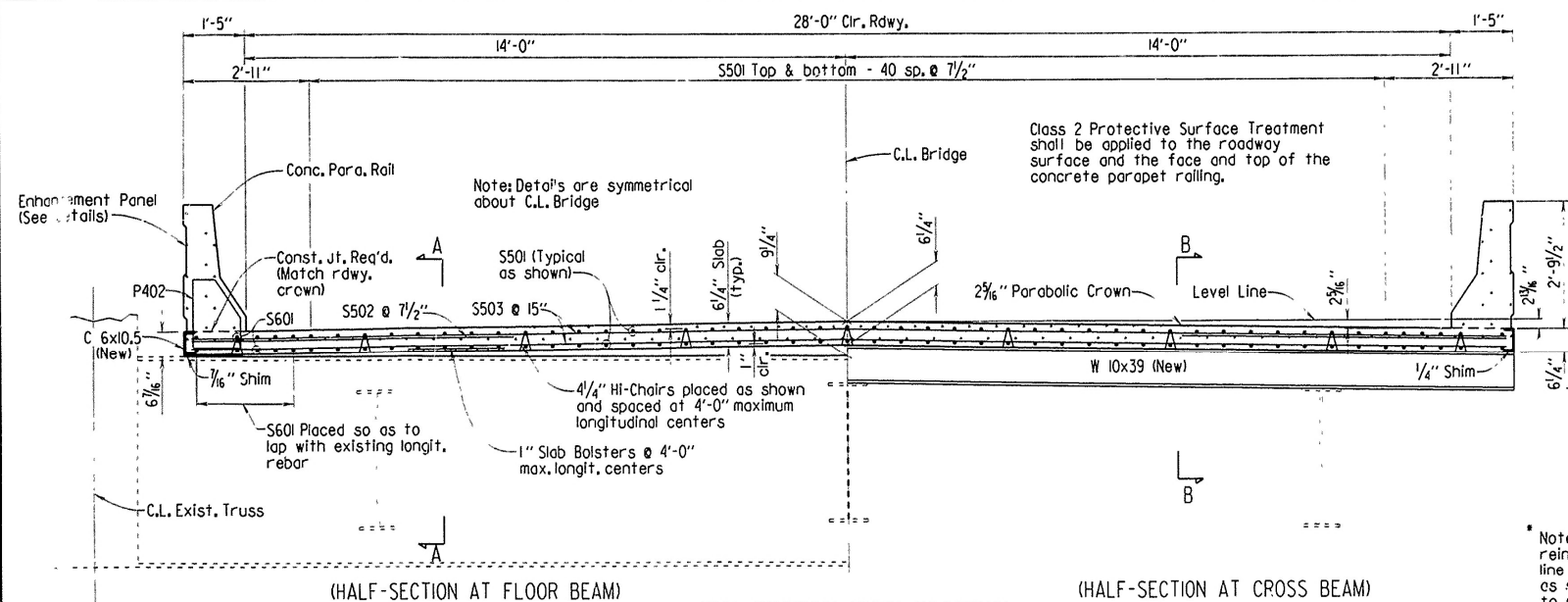
ROUTE 49 SEC. 11
ARKANSAS STATE HIGHWAY COMMISSION



LITTLE ROCK, ARK.
DRAWN BY: LDF DATE: 7-21-97
CHECKED BY: M.C. DATE: 7-21-97
DESIGNED BY: M.C. DATE: 7-21-97
BRIDGE NO. 02899 DRAWING NO. 38529

SCALE: 1/2" = 1'-0" or as noted

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		110319	4	
				02899		SPAN DTLS.		38530

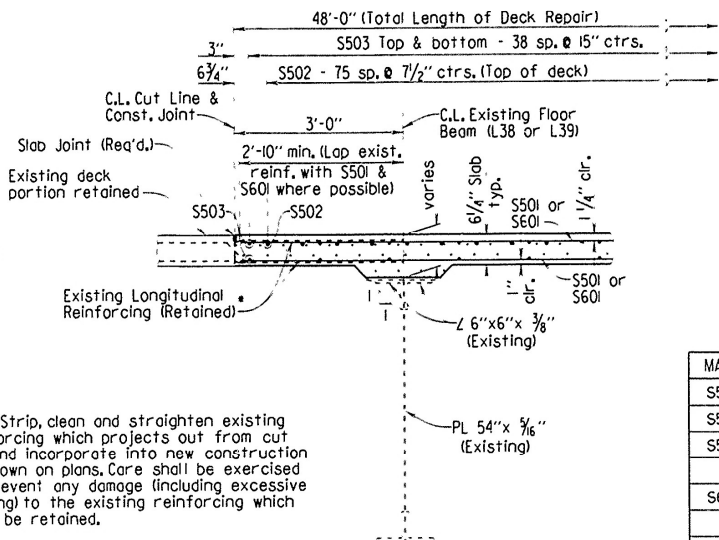


(HALF-SECTION AT FLOOR BEAM)

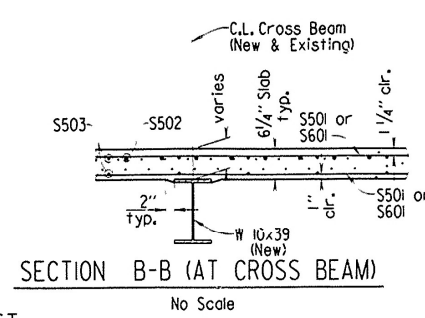
TYP. SECTION THRU ROADWAY
Scale: 1/2" = 1'-0"

(HALF-SECTION AT CROSS BEAM)

Note: Strip, clean and straighten existing reinforcing which projects out from cut line and incorporate into new construction as shown on plans. Care shall be exercised to prevent any damage (including excessive bending) to the existing reinforcing which is to be retained.



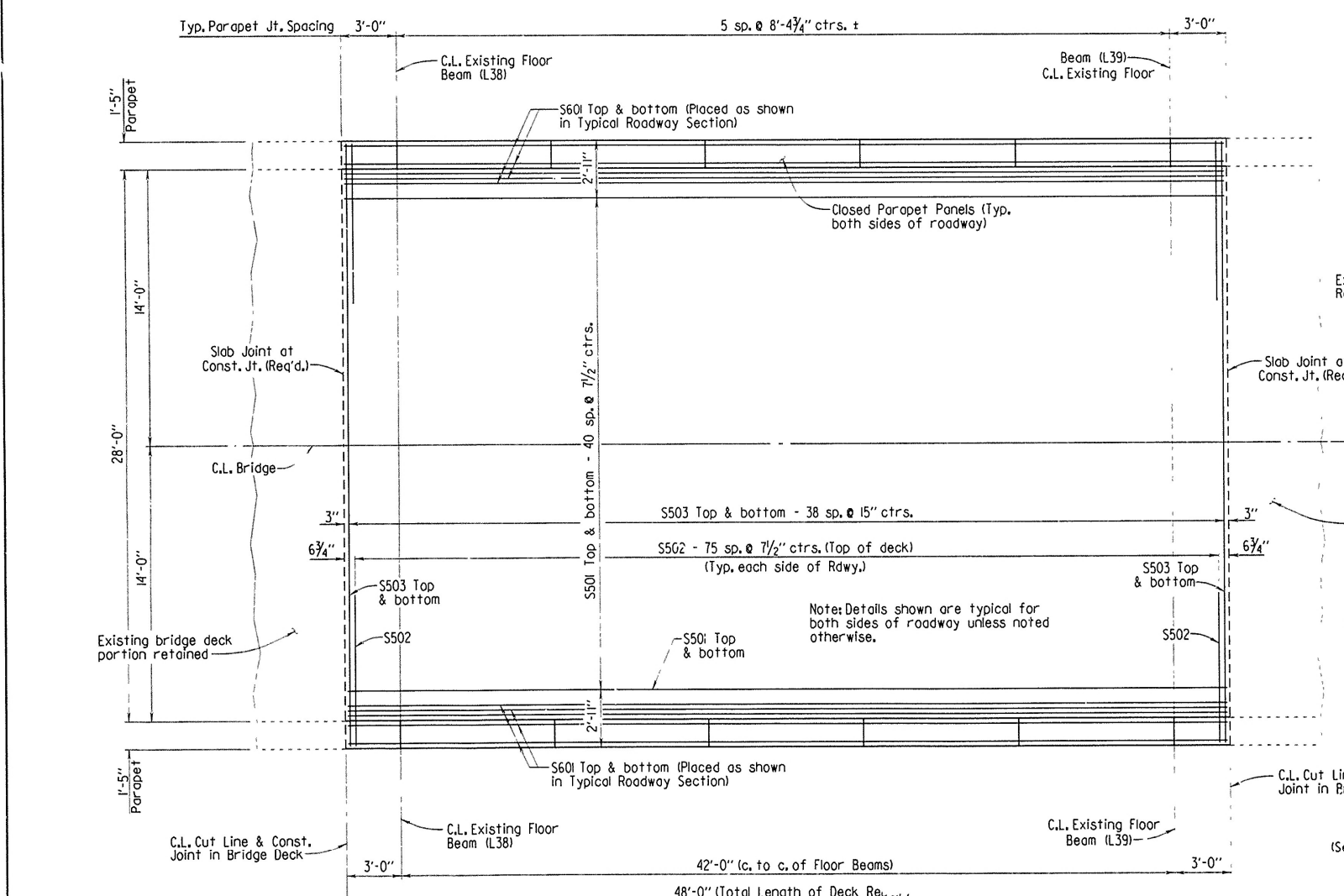
SECTION A-A (AT FLOOR BEAM)
No Scale



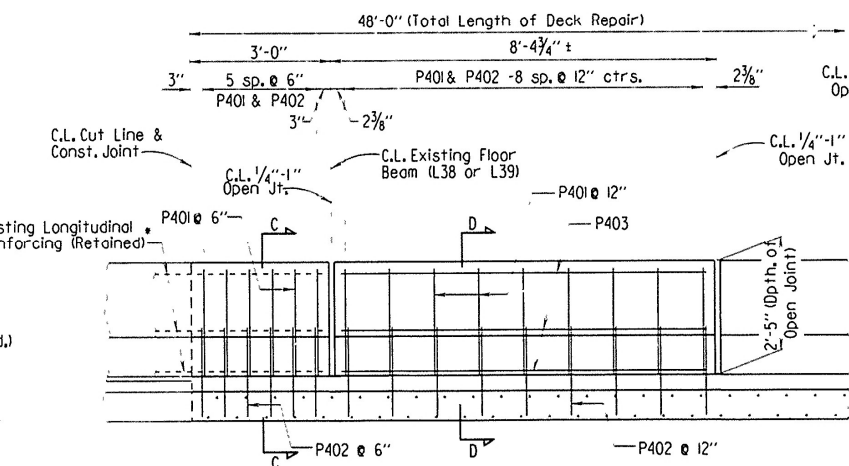
SECTION B-B (AT CROSS BEAM)
No Scale

BAR LIST

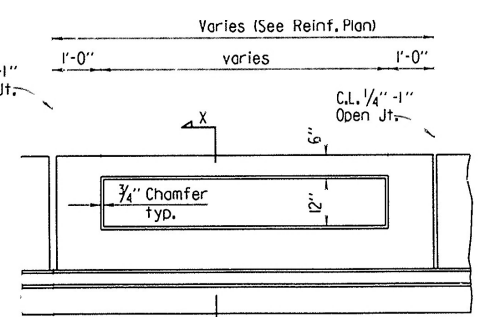
MARK	NO. REQ'D.	LENGTH	P.D.	BENDING DIAGRAMS
S501	82	47'-8"	Str.	Dimensions are out to out of bars.
S502	152	8'-0"	Str.	
S503	78	28'-6"	Str.	
S601	20	47'-8"	Str.	
P401	114	6'-4"	2"	
P402	114	5'-5"	2"	
P403	60	8'-1"	Str.	



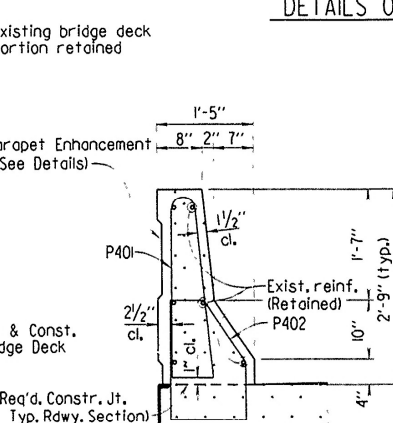
REINFORCING PLAN
Scale: 1/4" = 1'-0"



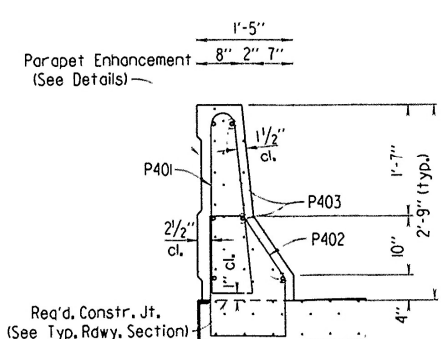
DETAILS OF CONC. PARAPET RAIL
No Scale



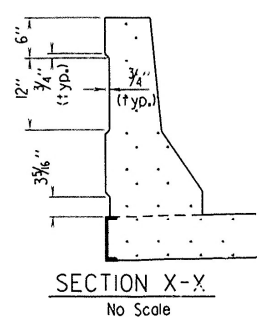
DETAILS OF PARAPET ENHANCEMENT
No Scale



SECTION C-C
No Scale



SECTION D-D
No Scale



SECTION X-X
No Scale

QUANTITIES

Class (SAE)	Reinforcing Steel	Class 2 Protective Surface Treatment
38.10 sq. yd.	10314 lb.	187.8 sq. yd.



DETAILS OF
BRIDGE DECK REPAIR
BRIDGE OVER MISSISSIPPI RIVER (HELENA)
PHILLIPS COUNTY, AR
COAHOMA COUNTY, MS
ROUTE 49 SEC. 11
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: KMG DATE: 18 July 97
CHECKED BY: CSL DATE: July 21, 1997
DESIGNED BY: MLC DATE: 7-18-97
BRIDGE NO. 02899 DRAWING NO. 38530