



DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
					JOB NO.	60219	21	52
					5863 -LAYOUT- 23392			

GENERAL NOTES

BENCH MARK: TOP IRON PIN - TP 12.94 - 16' LT. STA. 406-17, ELEV. 320.69.

ALL CONCRETE SHALL BE POURED IN THE DRY. ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS NOTED OTHERWISE. THE CONCRETE BRIDGE DECK SHALL BE GIVEN A FINE FINISH AS SPECIFIED IN SUBSECTION 802.23 FOR FINAL FINISHING OF CLASS 6 ROADWAY SURFACE FINISH.

ALL PILING SHALL BE HP10X42 AND SHALL BE DRIVEN WITH AN APPROVED AIR, STEAM, OR DIESEL HAMMER TO A MINIMUM BEARING CAPACITY OF 55 TONS PER PILE AND INTO THE MATERIAL DESIGNATED AS MEDIUM HARD BROWN OR GRAY SHALE OR THE BORING LOGS. LENGTHS OF PILING SHOWN ARE FOR ESTIMATING QUANTITIES ONLY. ORDER LENGTHS SHOWN CUT-OFF OR BUILD-UP, IF NECESSARY, TO BE PAID FOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

PILES IN END BENTS TO BE DRIVEN AFTER EMBANKMENT TO BOTTOM OF CAP IS IN PLACE. FOOTINGS SHALL BE SET A MINIMUM OF 1'-6" INTO MEDIUM HARD BROWN OR GRAY SHALE. FOUNDATIONS FOR THE FOOTINGS SHALL BE PREPARED IN ACCORDANCE WITH SECTION 801.04 OF THE STANDARD SPECIFICATIONS.

FOR DETAILS OF END BENTS, SEE DWG. NO. 23393 & 23394

FOR DETAILS OF INTERMEDIATE BENTS, SEE DWG. NO. 23395

FOR DETAILS OF COMPOSITE W-BEAM SPANS, SEE DWG. NOS. 23396 - 23399

FOR DETAILS OF ELASTOMERIC FIXED & EXPANSION SHOES, SEE DWG. NO. 23400

FOR DETAILS OF STEEL PILING, SEE DWG. NO. 14995A

FOR REMOVAL OF EXISTING BRIDGE STRUCTURE AND MAINTENANCE OF TRAFFIC AT BRIDGE SITE, SEE JOB SPECIAL PROVISIONS.

SPECIFICATIONS: ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 1978, AND APPLICABLE SPECIAL PROVISIONS

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1977 EDITION WITH CURRENT INTERIMS.

LIVE LOADING: HS20

METHOD OF DESIGN: LOAD FACTOR

IN ORDER TO COMPLY WITH THE NATIONWIDE PERMIT UNDER SECTION 404 OF THE FEDERAL WATER POLLUTION CONTROL ACT AMENDMENTS OF 1972, THE CONTRACTOR SHALL LIMIT THE AMOUNT OF FILL AND/OR DREDGED MATERIAL PLACED IN THE STREAM BELOW THE PLANE OF THE ORDINARY HIGH WATER MARK TO LESS THAN 200 CUBIC YARDS. ORDINARY HIGH WATER ELEV. IS 308.00.

THE TOP OF FOOTINGS SHALL BE SET BELOW THE CHANNEL BOTTOM.

BORING LEGEND

A. MOIST, MEDIUM DENSE, BROWN AND GRAY SAND AND GRAVEL

B. MOIST, DENSE, BROWN AND GRAY GRAVEL

C. MOIST, HARD, GRAY CLAY

D. MEDIUM HARD, GRAY WEATHERED SHALE

E. MEDIUM HARD, BROWN AND GRAY WEATHERED SHALE

F. MEDIUM HARD, GRAY SHALE

G. HARD, GRAY, SHALE

LAYOUT OF BRIDGE OVER

TIGRE CREEK

WILSON SPRINGS ROAD - JONES MILL

GARLAND & HOT SPRING COUNTRIES

ROUTE 270 SEC. 7

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DESIGNED BY: J.S.B. DATE: 8-13-79

CHECKED BY: J.G. DATE: 1-23-80

DESIGNED BY: J.G. DATE: 8-10-79

BRIDGE NO. 5863 DRAWING NO. 23392

SCALE: 1" = 20'

BRIDGE ENGINEER