93421

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CR 603	02-23118-00-BR	ADAMS	13	7
STA. 4+70.00		TO STA. 10+16.18		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

BRIDGE PLANS SHEET 2 OF 8

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

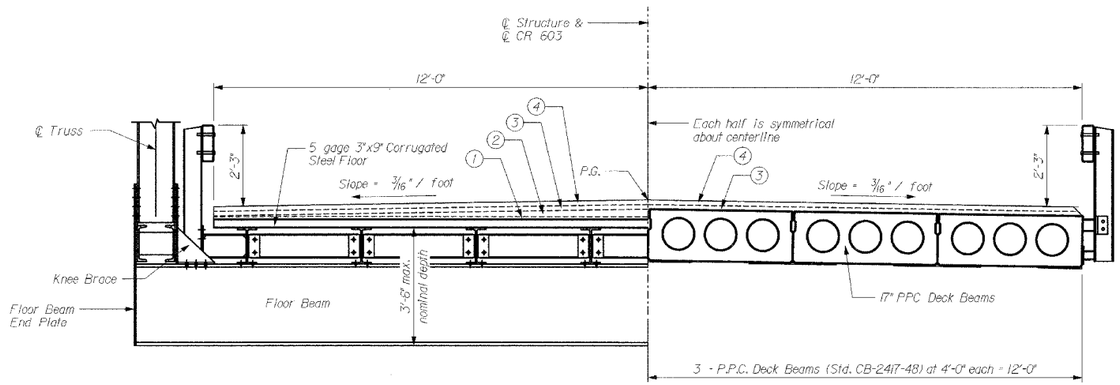
GENERAL NOTES

1. SEE SPECIAL PROVISIONS FOR BORING LOGS.
2. ALL GROUT ON THIS PROJECT SHALL BE NON-SHRINK.
3. CLASS SI CONCRETE SHALL BE USED THROUGHOUT EXCEPT IN THE DECK BEAMS.
4. THE CONTRACTOR SHALL DRIVE ONE (1) TEST PILE OF EACH TYPE, AS SPECIFIED, IN A PERMANENT LOCATION AS DIRECTED BY THE ENGINEER BEFORE ORDERING THE REMAINING PILES:
   PIER 1 - (1) HP 12x53
   NORTH ABUT - (1) HP 10x42
5. BACKFILL SHALL BE PLACED BEHIND THE ABUTMENT AFTER THE SUPERSTRUCTURE HAS BEEN POURED AND THE FALSEWORK REMOVED. SEE ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS.
6. LAYOUT OF SLOPE PROTECTION SYSTEM MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB. PIERS	SUB. ABUTS	TOTAL
*	CHANNEL EXCAVATION	CU.YD.				2480
*	RIPRAP, SPECIAL	TON				776
	FILTER FABRIC	SQ.YD.				744
*	REMOVAL OF EXISTING STRUCTURES	L.SUM				1
	CONCRETE STRUCTURES	CU.YD.		150.2	21.8	172.0
	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ.FT.	1440.0			1440.0
	REINFORCEMENT BARS, EPOXY COATED	POUND		7680	3280	10960
	STEEL RAILING, TYPE S-1	FOOT	120			120
	FURNISHING STEEL PILES HP10x42	FOOT			490	490
	FURNISHING STEEL PILES HP12x53	FOOT		910		910
	DRIVING STEEL PILES	FOOT		910	490	1400
	TEST PILE STEEL HP10X42	EACH			1	1
	TEST PILE STEEL HP12X53	EACH		1		1
	CONCRETE ENCASEMENT	CU.YD.		4.8	10.2	15.0
	NAME PLATES	EACH				1
	WATERPROOFING MEMBRANE SYSTEM	SQ.YD.	160.0			160.0
	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	300			300
*	FURNISHING & ERECTING PREFABRICATED BRIDGE SUPERSTRUCTURE	L.SUM	1			1
*	BRIDGE JOINT SYSTEM (FIXED).	FOOT	24			24
*	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	103			103
*	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	90			90
*	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH		1		1
*	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH		1		1

* SEE SPECIAL PROVISIONS



HALF-SECTION TRUSS SPAN

HALF-SECTION APPROACH SPAN

All truss member sizes and dimensions shall be determined by the truss fabricator.

CROSS SECTION

LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50

(1) 3/4" uniform compacted thickness above the corrugated decking (compact well into corrugations, making a good base)

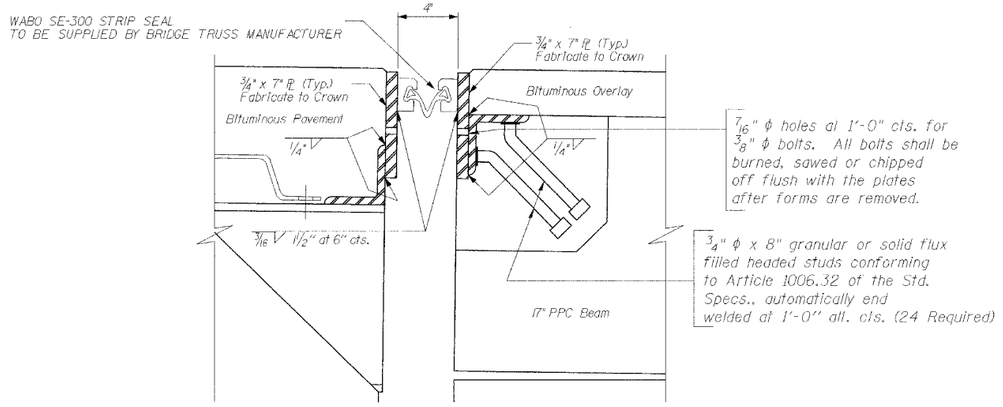
(2) 1/4" compacted thickness at edge of deck sloping to 2 1/2" compacted thickness at crown (establishing the crown)

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50

(3) 1 1/2" uniform compacted thickness

(4) 1 1/2" uniform compacted thickness

The asphalt deck quantities for the prefabricated truss span are:
90 ton Leveling Binder (Machine Method), Superpave N50
75 ton Bituminous Surface Course, Superpave, Mix "C", N50
The asphalt deck quantities for the concrete spans are found on Sheet 3 of 8.



EXPANSION JOINT

AT PIER #2

(Suggested Joint - final layout to be designed by truss fabricator)

REVISIONS NAME	DATE

GENERAL NOTES & MISC. DETAILS

CR 603E OVER
BEAR CREEK
SEC 02-23118-00-BR
ADAMS COUNTY
STA 6+87.26
STRUCTURE NUMBER 001 3417

SCALE: VERT. N/A HORIZ. N/A
DRAWN BY JLS
DATE: MAY 2006
CHECKED BY DSP

PSBA Project No.: R-03-013