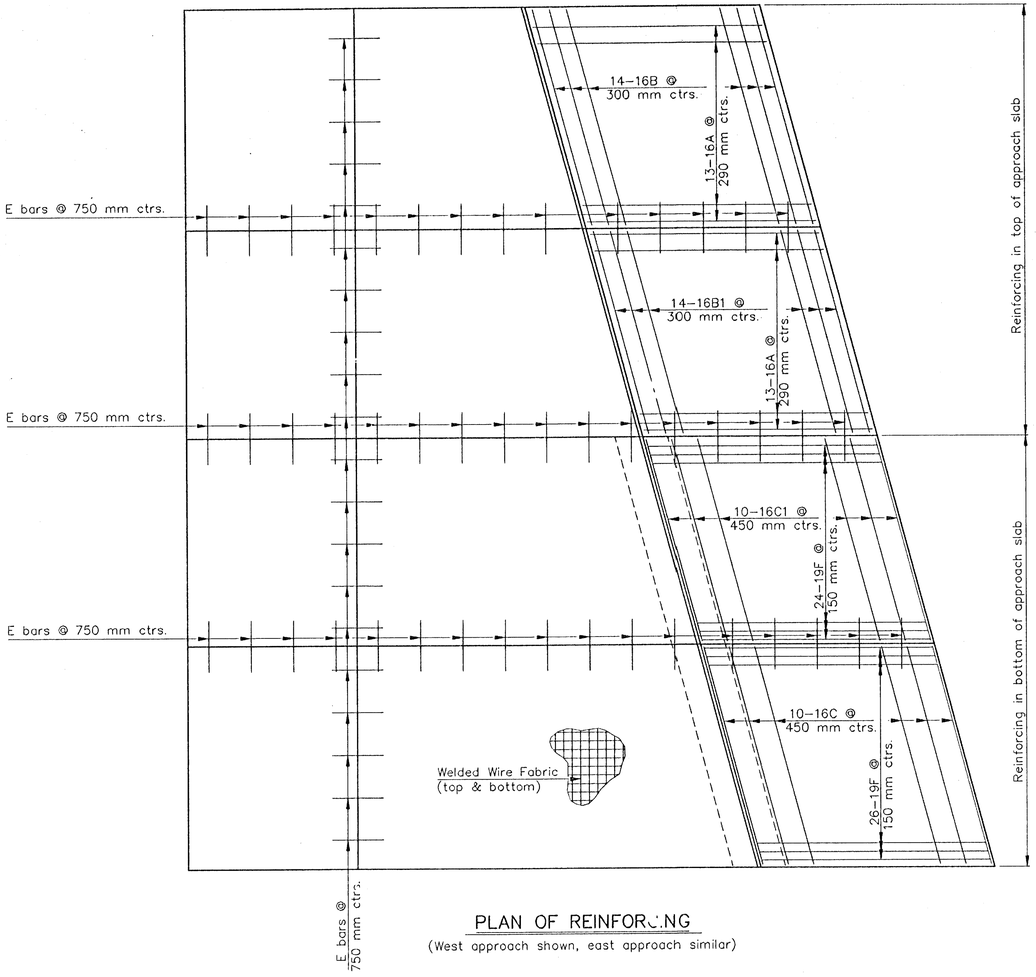
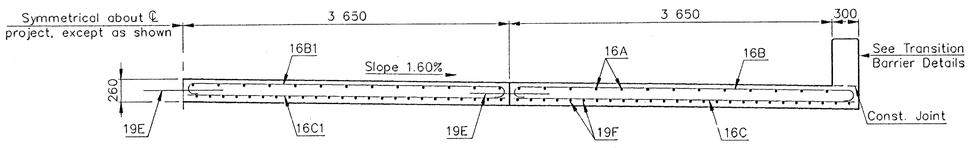
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0230-01	2003	7	73

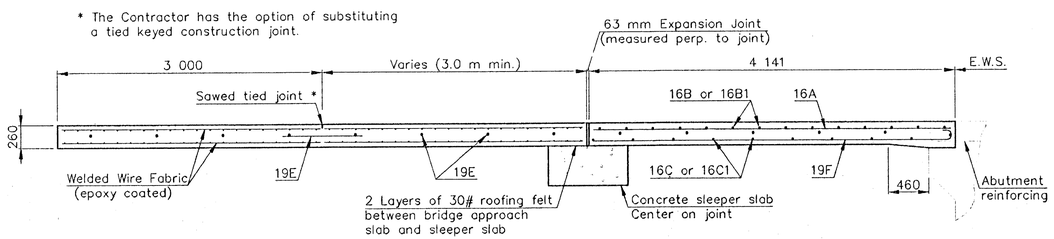


PLAN OF REINFORCING

(West approach shown, east approach similar)



HALF TRANSVERSE SECTION



LONGITUDINAL SECTION

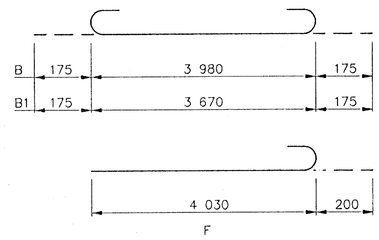
(Both approaches)

BILL OF REINFORCING STEEL

STRAIGHT BARS				BENT BARS			
MARK	SIZE	NO.	LENGTH	MARK	SIZE	NO.	LENGTH
E	19	134	900	F	19	200	4 230
A	16	104	4 030	B	16	56	4 330
C	16	40	3 980	B1	16	56	4 020
C1	16	40	3 670				

BENDING DIAGRAMS

All dimensions are out to out of bars.



GENERAL NOTES

SPECIAL CONCRETE BRIDGE APPROACH SHALL BE PAID FOR AS SQUARE METERS OF CONCRETE PAVEMENT (260 UNIF)(AE) AND INCLUDES ALL WORK AND MATERIALS REQUIRED TO CONSTRUCT THE APPROACH SLAB AND SLEEPER SLAB AS SHOWN ON THIS SHEET.

ALL WORK AND MATERIALS REQUIRED FOR INSTALLATION OF EXPANSION JOINTS AND PRESSURE RELIEF JOINTS SHALL BE SUBSIDIARY TO THIS BID ITEM.

ALL PREFORMED JOINT MATERIAL SHALL BE INSTALLED PERPENDICULAR TO PAVEMENT SURFACE. FORMED JOINTS SHALL BE EDGED WITH A 6 mm RADIUS TOOL FOR THE LENGTH OF THE JOINT.

AT THE CONTRACTORS OPTION, #13 X 900 mm TIE BARS AT 380 mm CENTERS MAY BE SUBSTITUTED FOR FOR THE 19E BARS AT 750 mm CENTERS.

ALL REINFORCING SHALL BE EPOXY COATED.

SEE STANDARD DRAWING RD661 SI FOR DETAILS OF JOINTS AND REINFORCING MESH.

CLEARANCE FROM THE FACE OF CONCRETE FOR ALL REINFORCING STEEL SHALL BE 50 mm.

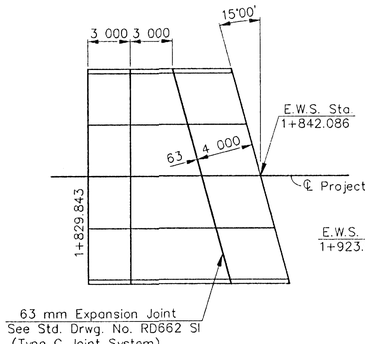
STANDARD REINFORCING BAR HOOKS IN ACCORDANCE WITH THE LATEST ACI SPECIFICATIONS SHALL BE USED THROUGHOUT.

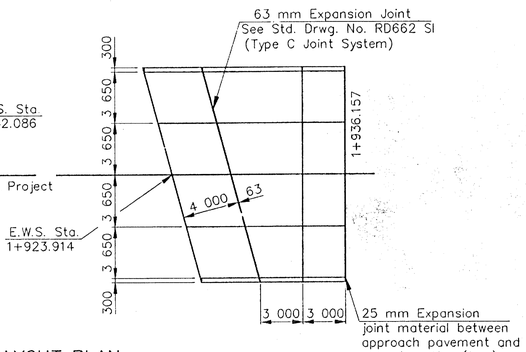
(Both approaches)

BILL OF MATERIALS

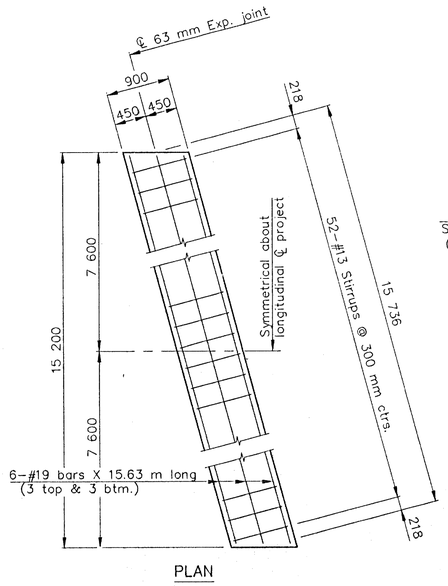
Concrete Pavement (260 Unif.)(AE)		
West Approach	186.1	sq m
East Approach	186.1	sq m
Reinforcing Steel	6 030	kg
Expansion Joint	31 470	mm

Note: Reinforcing steel and joint length shown for information only.

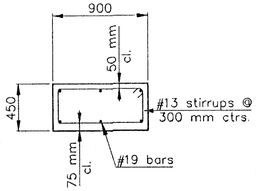




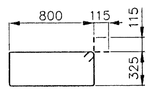
LAYOUT PLAN



PLAN



TYPICAL SECTION



SLEEPER SLAB DETAILS

Quantities (both approaches):
Concrete: 12.7 cu m
Reinforcing Steel: 676 kg

PROJECT NO. 87 N-0230-01

CONCRETE APPROACH PAVEMENT

13TH STREET NORTH OVER COWSKIN CREEK

STA. 1+883 CITY OF WICHITA

Cook, Flatt & Strobel ENGINEERS, P.A.

DESIGNED		SCALE	
DETAILED	DEG	DATE	
QUANTITIES		SHEET	OF

J:\02517\DWGS\DWG\APPR1.40 (1.04)