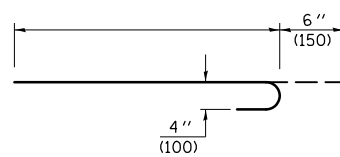


BAR h(E)



BAR d(E)

DIMENSION TABLE

STATION	B	C	D	E	F

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE STRUCTURES	CU. YD. (m <sup>3</sup> )	
REINFORCEMENT BARS, EPOXY COATED	LB. (kg)	

BAR TABLE

BAR	QTY.	SIZE	LENGTH	SHAPE
d(E)		#4 (10)		
h(E)		#4 (10)		

**GENERAL NOTES**

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

DOWEL BARS SHALL CONFORM TO STATE SPECIFICATIONS. THE DOWELS ARE TO BE PLACED IN THE CRASHWALL IN PREDRILLED HOLES AND MORTARED AS SHOWN IN THE DETAIL. THE DOWELS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CLASS SI CONCRETE WHICH PRICE SHALL INCLUDE THE MATERIALS AND LABOR REQUIRED FOR THE INSTALLATION OF THE DOWELS.

DRILLED HOLES FOR DOWEL BARS SHALL BE NOMINAL 1" (25 mm) DIAMETER.

ALL DOWEL BARS SHALL BE EPOXY COATED.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GRADE 60. SEE SPECIAL PROVISIONS.

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. XX002909A**

FILE NAME =	USER NAME = craigre	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED - 10/08 KJT
		CHECKED -	REVISED - 05/11 KJT
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CRASHWALL EXTENSION (THREE CIRCULAR COLUMN PIER)**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				