

F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	35
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

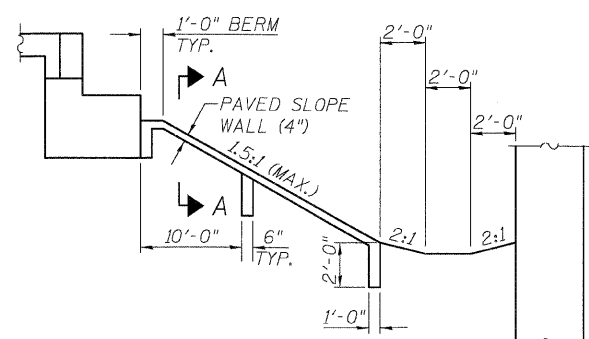
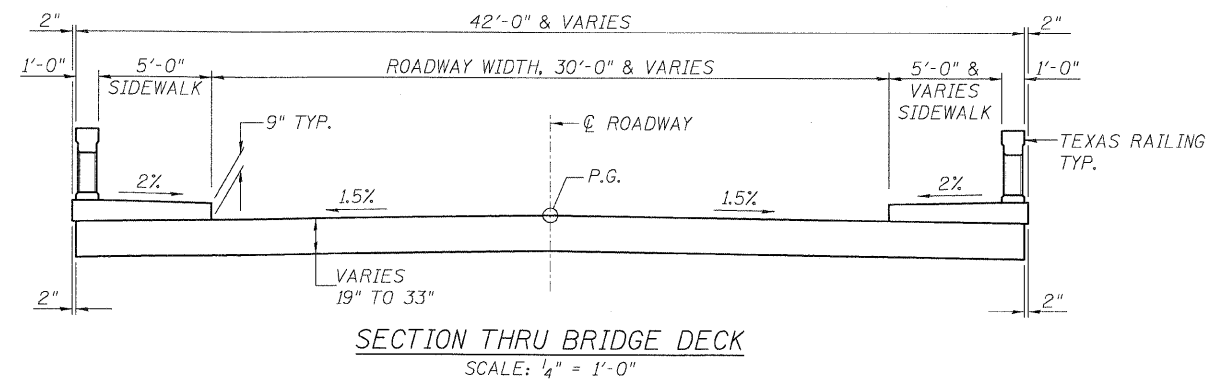
• HOLMES ST.  
PINE ST.  
CENTER ST.

**TOTAL BILL OF MATERIAL**

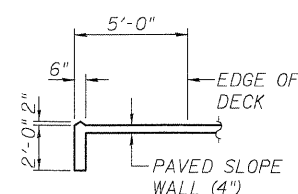
ITEM	UNIT	SUPER	SUBSTRUCTURE		TOTAL
			PIERS	ABUT'S	
STRUCTURE EXCAVATION	CU. YD.	-	130	312	492
PREFORMED JOINT SEAL 2 1/2"	FOOT	122	-	-	122
CONCRETE SUPERSTRUCTURES	CU. YD.	537	-	-	537
CONCRETE STRUCTURES	CU. YD.	-	232	103	335
RUBBED FINISH	SQ. YD.	362	-	-	362
PROTECTIVE COAT	SQ. YD.	861	-	-	861
REINFORCEMENT BARS, EPOXY COATED	POUND	112955	46821	8435	168210
CONCRETE BRIDGE RAIL (SPECIAL)	FOOT	316	-	-	316
SLOPE WALL, 4 INCH	SQ. YD.	-	-	587	587
FURNISHING METAL PILE SHELLS 14"	FOOT	-	1890	1620	3510
DRIVING PILES	FOOT	-	1890	1620	3510
TEST PILE METAL SHELLS	EACH	-	2	2	4
NAME PLATES	EACH	1	-	-	1
TEMPORARY SOIL RETENTION SYSTEM	SQ. FT.	-	436	-	436
BRIDGE DECK GROOVING	SQ. YD.	537	-	-	537
ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	11	-	-	11
CONCRETE SEALER	SQ. FT.	-	-	570	570
FURNISH AND ERECT STRUCTURAL STEEL	POUND	880	-	-	880
REINFORCED CONC. LIGHT POLES (SPECIAL)	EACH	4	-	-	4

**GENERAL NOTES**

- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 GR 60 (IL MODIFIED). SEE SPECIAL PROVISIONS
- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
- BEARING SEAT SURFACES SHALL BE CONSTRUCTED OR ADJUSTED TO THEIR DESIGNATED ELEVATIONS WITHIN A TOLERANCE OF 1/8 INCH (0.01 FT.). ADJUSTMENT SHALL BE MADE EITHER BY GRINDING THE SURFACE OR BY SHIMMING THE BEARINGS.
- CONCRETE SEALER SHALL BE APPLIED TO THE DESIGNATED AREAS OF THE ABUTMENTS.
- THE CONTRACTOR SHALL DRIVE TEST PILES TO 110% OF THE NOMINAL REQUIRED BEARING SPECIFIED IN PRODUCTION LOCATIONS AT SUBSTRUCTURES SPECIFIED OR APPROVED BY THE ENGINEER BEFORE ORDERING THE REMAINDER OF PILES.
- THE CONTRACTOR SHALL MAKE ALLOWANCE FOR THE DEFLECTION OF FORMS, SHRINKAGE AND SETTLEMENT OF FALSEWORK, IN ADDITION TO ALLOWANCE FOR DEAD LOAD DEFLECTION. FORMS FOR DECK SLAB SHALL BE REMOVED PRIOR TO PLACEMENT OF BRIDGE APPROACH PAVEMENT.
- SLOPE WALL SHALL BE REINFORCED WITH WELDED WIRE FABRIC, 6" X 6" - W4.0 X W4.0, WEIGHING 58 LBS. PER 100 SQ. FT.
- THE CONTRACTOR SHALL DRIVE FOUR (4) 14" φ METAL SHELL CONCRETE PILES IN A PERMANENT LOCATION, ONE AT EACH PIER AND ONE AT EACH ABUTMENT, AS DIRECTED BY THE ENGINEER BEFORE ORDERING THE REMAINDER OF THE PILES.
- ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH INORGANIC ZINC RICH PRIMER PER AASHTO M300 TYPE 4.
- THE STRUCTURAL STEEL PLATES OF THE BEARING ASSEMBLY SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M270 GRADE 36.
- THE TEMPORARY SHORING REQUIRED FOR SUBSTRUCTURE EXCAVATION SHALL BE DESIGNED FOR RAILROAD LIVE LOAD. COPIES OF THE CONTRACTOR'S PLANS AND CALCULATIONS ARE TO BE SUBMITTED TO THE I.C.R.R. FOR REVIEW PRIOR TO INSTALLATION.



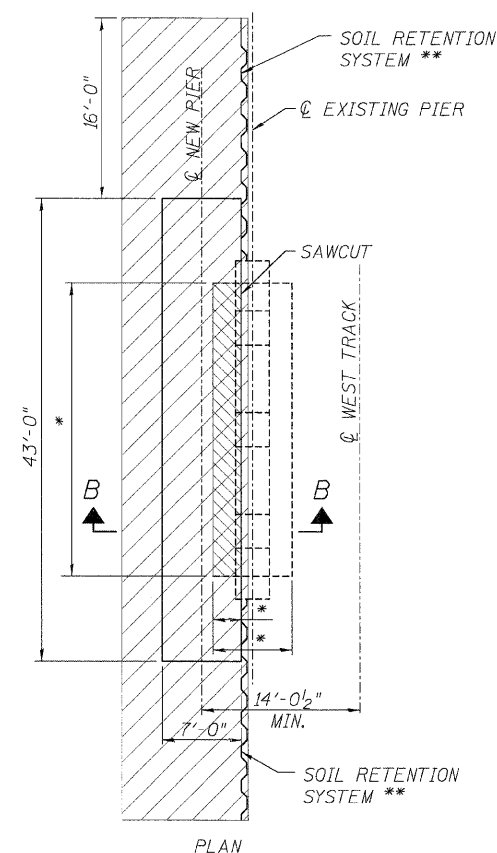
**SECTION THRU SLOPE WALL**  
SCALE: 1/4" = 1'-0"



**SECTION A-A**  
SCALE: 1/4" = 1'-0"

**BILL OF MATERIAL**

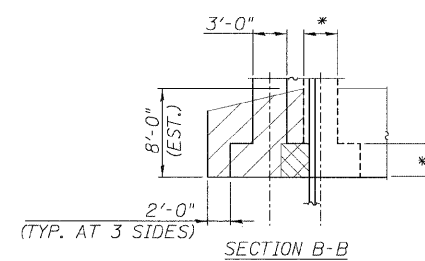
ITEM	UNIT	TOTAL
SLOPE WALL, 4"	SQ. YD.	587
TEMPORARY SOIL RETENTION SYSTEM	SQ. FT.	436



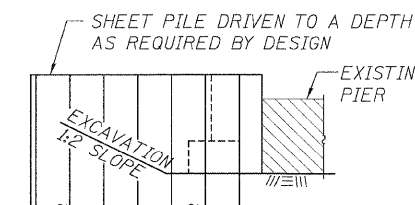
PORTION OF EXISTING FOOTING TO BE REMOVED  
PORTION TO BE EXCAVATED

\* CONTRACTOR SHALL FIELD VERIFY EXISTING FOOTING LOCATION AND DIMENSIONS

\*\* TO BE DESIGNED BY CONTRACTOR SEE SPECIAL PROVISIONS AND GENERAL NOTE 11.



**PIER EXCAVATION**  
SCALE: 1/8" = 1'-0"



**ELEVATION**

FOR ABUTMENT EXCAVATION LIMITS, SEE S-13.

**Edwards and Kelcey**

DATE	REVISIONS

**SUMMARY OF QUANTITIES, GENERAL NOTES & DETAILS**

HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY

DESIGN BY DPS	DRAWING NO. S-2	Job# C-93-016-01
DRAWN BY DJR	DATE 7/1/08	SCALE AS SHOWN
CHECKED BY BAP		