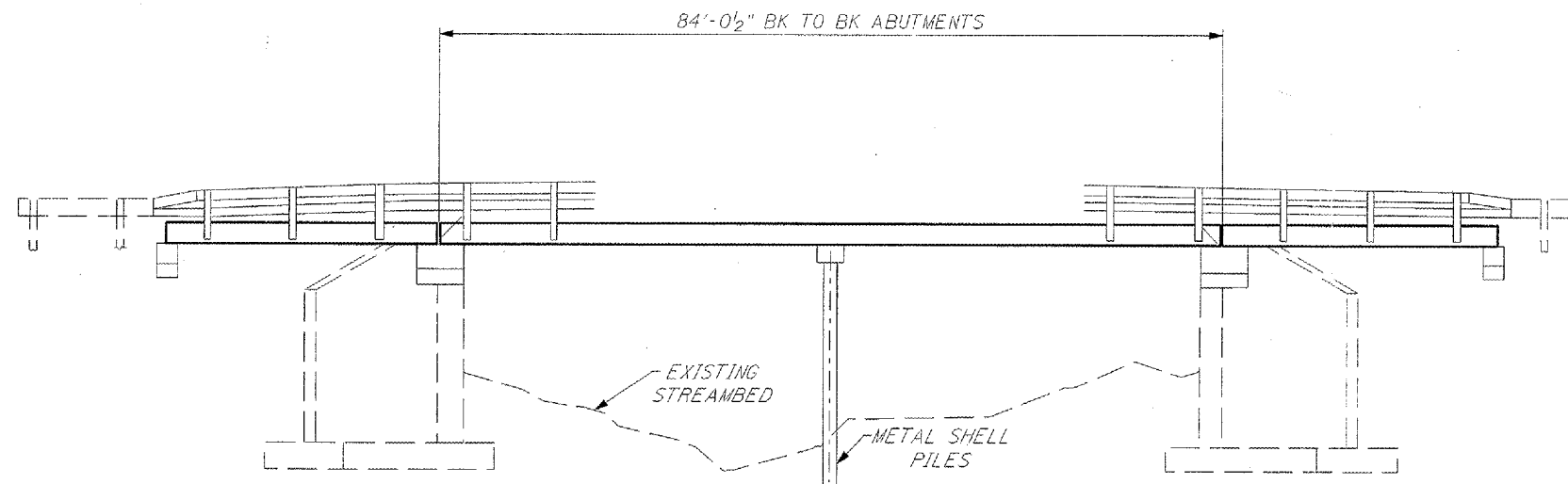


BENCHMARK: CHISLED SQUARE ON BRIDGE DECK
ON SOUTHWEST CORNER
ELEV = 100.00

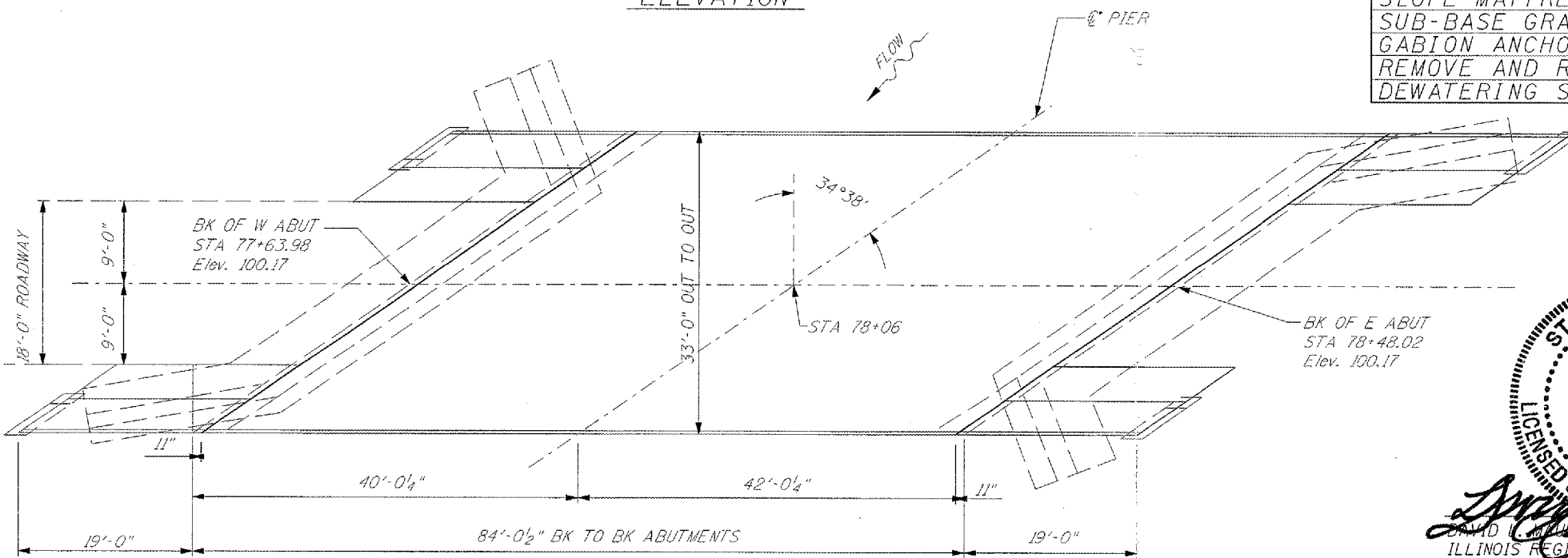
EXISTING STRUCTURE: SN 090-0058 IS A 33'-0" WIDE x 84'-0 1/2"
LONG P.C.C. DECK BEAM SUPERSTRUCTURE WITH R.C. CLOSED ABUTMENTS.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 701	*	TAZEWELL	30	23
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

EXISTING BRIDGE



ELEVATION



PLAN

INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
1	GENERAL PLAN AND PROFILE, SUMMARY OF QUANTITIES, LOCATION MAP
2	R.O.W. PLAN
3	PROPOSED SITE PLAN
4	PROPOSED DIMENSION PLAN
5	SITE PROFILE
6-8	CROSS SECTIONS

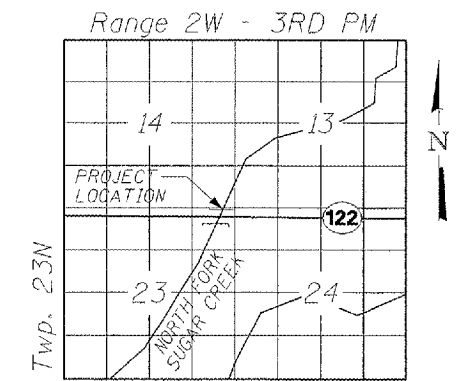
* (128BR)I-1

BILL OF MATERIALS

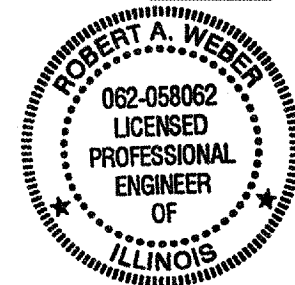
ITEM	UNIT	TOTAL
CHANNEL EXCAVATION	CU YD	1090
PERIMETER EROSION CONTROL BARRIER	FOOT	92
STONE RIP-RAP, CLASS A5	TONS	183
FILTER FABRIC FOR RIPRAP	SQ YD	1067
GABIONS	CU YD	339
SLOPE MATTRESS 12"	SQ YD	479
SUB-BASE GRANULAR MATERIAL, TYPE C	TONS	608
GABION ANCHOR STAKES	EACH	103
REMOVE AND REPLACE STEEL PLATE GUARD RAIL, TYPE A	FOOT	50
DEWATERING STRUCTURE NO. 1	EACH	1



David L. Maurer 5/9/06
DATE
ILLINOIS REGISTERED STRUCTURAL ENGINEER NO.: 81-3921
EXP DATE: 11/30/2006



LOCATION SKETCH



Robert A. Weber III 05/09/06
DATE
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO.: 062-058062
EXP DATE: 11/30/2007

WATERWAY/SCOUR INFORMATION

DESIGN FLOOD	100 YRS
DRAINAGE AREA	23.4 SQ MI
FLOW	4,299 CFS
FLOW DEPTH	10.76 FT
REQUIRED OPENING	515 SQ FT
PROVIDED OPENING	842 SQ FT
CONTRACTION SCOUR DEPTH	8 FT

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN & ELEVATION
S.N. 090-0058
F.A.P. 701 (IL 122) OVER
NORTH FORK SUGAR CREEK
TAZEWELL COUNTY
SHEET 1 OF 8