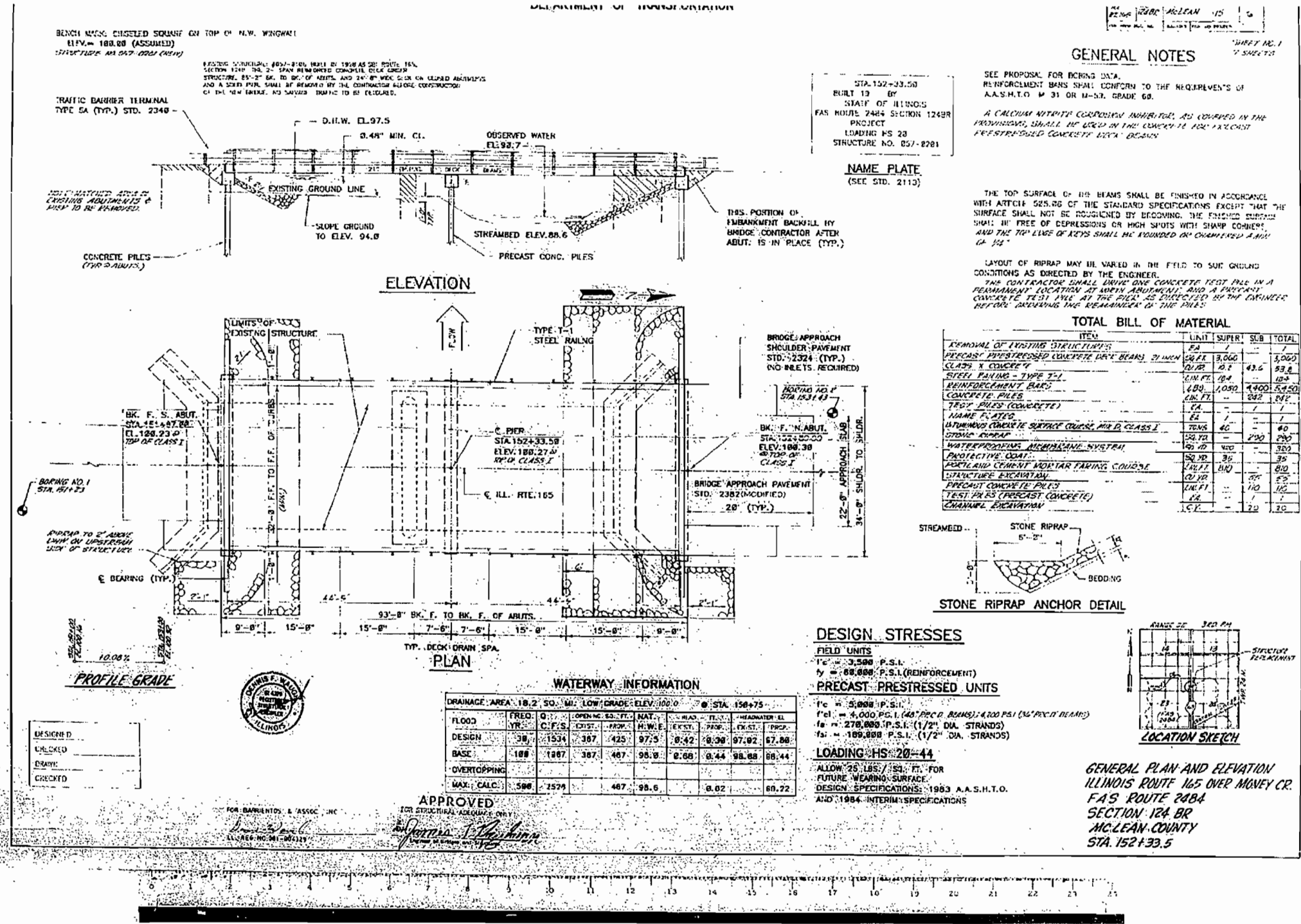


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



GENERAL NOTES

SEE PROPOSAL FOR BORING DATA.
REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF
A.A.S.H.T.O. M 31 OR M-53, GRADE 60.

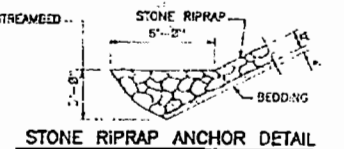
A CALCIUM NITRIDE CORROSION INHIBITOR, AS COVERED IN THE
PROVISIONS, SHALL BE USED IN THE CONCRETE FOR PRECAST
PRESTRESSED CONCRETE BRCA BEAMS.

THE TOP SURFACE OF THE BEAMS SHALL BE FINISHED IN ACCORDANCE
WITH ARTICLE 525.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE
SURFACE SHALL NOT BE ROUGHENED BY BROOMING. THE FINISHED SURFACE
SHALL BE FREE OF DEPRESSIONS OR HIGH SPOTS WITH SHARP CORNERS,
AND THE TOP EDGE OF KEYS SHALL BE ROUNDED IN CHAMFERED A MIN
1/4" R.

LAYOUT OF RIPRAP MAY BE VARIED IN THE FIELD TO SUIT GROUND
CONDITIONS AS DIRECTED BY THE ENGINEER.
THE CONTRACTOR SHALL DRIVE ONE CONCRETE TEST PILE IN A
PERMANENT LOCATION AT UPPIER ABUTMENT AND A PERMANENT
CONCRETE TEST PILE AT THE PIER AS DIRECTED BY THE ENGINEER
BEFORE COMMENCING THE REINFORCEMENT OF THE PILES.

TOTAL BILL OF MATERIAL

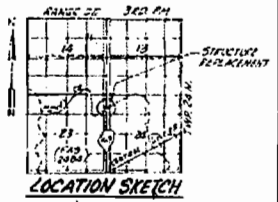
ITEM	UNIT	SUPER	SLB	TOTAL
REMOVAL OF EXISTING STRUCTURE	EA	1		1
PRECAST PRESTRESSED CONCRETE BRCA BEAMS 21 INCH	LINEAL	3,060		3,060
CLAYS X CONCRETE	CU YD	43.6		43.6
STEEL PILING - TYPE T-1	LINEAL	104		104
REINFORCEMENT BARS	LB	1,050		4,400
CONCRETE PILES	LINEAL			242
TEST PILES (CONCRETE)	EA			1
JOINT PLATES	EA			1
UNDERLAY CONCRETE SURFACE COURSE MIN D CLASS I	CU YD	40		40
STONE RIPRAP	CU YD	290		290
WATERPROOFING ALUMINUM-NYSTRON	SQ YD			329
PROTECTIVE COAT	SQ YD			38
PORTLAND CEMENT MORTAR FACING COURSE	SQ YD			810
STRUCTURE EXCAVATION	CU YD			20
PRECAST CONCRETE PILES	LINEAL			110
TEST PILES (PRECAST CONCRETE)	EA			1
CHANNEL EXCAVATION	LINEAL			20



DESIGN STRESSES

FIELD UNITS
 $f_c = 3,500$ P.S.I.
 $f_y = 60,000$ P.S.I. (REINFORCEMENT)
 PRECAST/PRESTRESSED UNITS
 $f_c = 5,000$ P.S.I.
 $f_{cl} = 4,000$ P.S.I. (40' PRECAST BEAMS); 4,200 P.S.I. (36' PRECAST BEAMS)
 $f_{st} = 270,000$ P.S.I. (1/2" DIA. STRANDS)
 $f_{st} = 180,000$ P.S.I. (1/2" DIA. STRANDS)

LOADING HS 20-44
 ALLOW 25 LBS./SQ. FT. FOR
 FUTURE WEARING SURFACE.
 DESIGN SPECIFICATIONS: 1983 A.A.S.H.T.O.
 AND 1984 INTERIM SPECIFICATIONS



GENERAL PLAN AND ELEVATION
ILLINOIS ROUTE 165 OVER MONEY CR.
FAS ROUTE 2484
SECTION 124 BR
MCLEAN COUNTY
STA. 152+33.5

EXISTING BRIDGE PLANS
STRUCTURE NO. 057-0201

FOR INFORMATION ONLY

SHEET NO. 16	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2484	124BR-1	MCLEAN	55	40
17 SHEETS	CONTRACT NO. 70612				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					