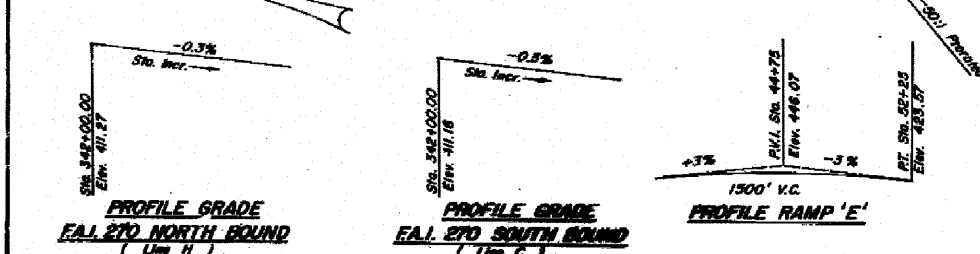
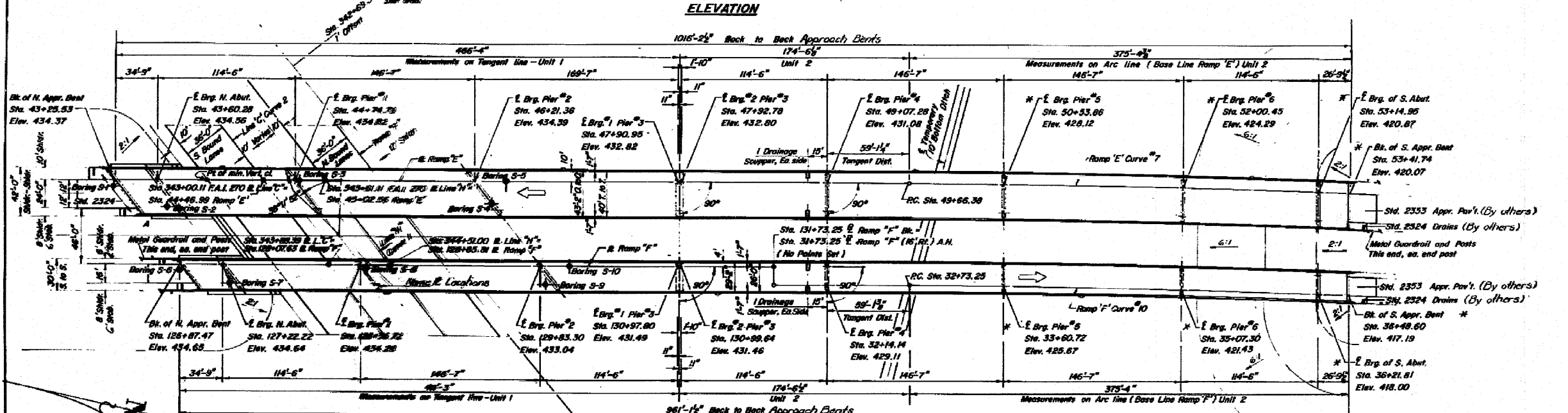
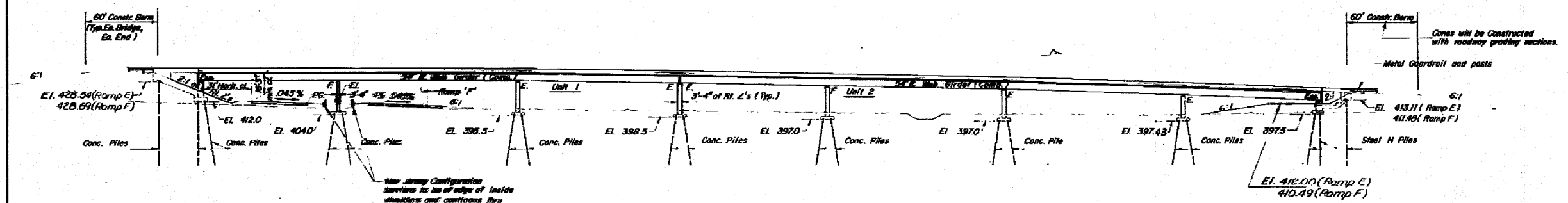


B.M. Rail Road spike in south face 36" Cottonwood Tree.
 Benchmark TBM A-20 Station 338+92 Rt. 525' Elev. 409.99
 No Existing Structure.

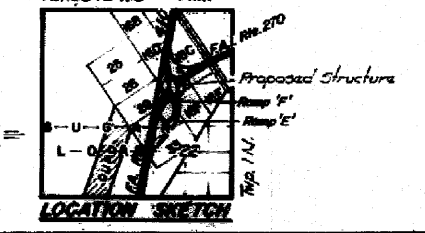
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	82-THB	St. Clair	83	15
89 SHEETS				



HORIZONTAL CURVE DATA			
Line 'H' Curve #1	Line 'C' Curve #2	Line 'E' Curve #7	Line 'F' Curve #10
P.I. = 347+59.77	P.I. = 347+85.87	P.I. = 59+18.60	P.I. = 34+73.98
Δ = 45° 45' 12"	Δ = 45° 45' 12"	Δ = 53° 00' 00"	Δ = 12° 00' 00"
D = 1° 30' 00"	D = 1° 30' 00"	D = 3° 00' 00"	D = 3° 00' 00"
T = 3819.72'	T = 3819.72'	T = 982.22'	T = 200.73'
L = 1610.37'	L = 1610.37'	R = 1909.86'	R = 1909.86'
L = 3048.00'	L = 3048.00'	L = 1766.67'	L = 400.00'
E = 325.59' S.E. +.045X	E = 325.59' S.E. +.045X	E = 224.22' S.E. +.052X	E = 10.58' S.E. +.052X
S.E. Attainment		S.E. Attainment	
Sta. 40+58.38 to Sta. 50+20.38		Sta. 31+73.25 to Sta. 33+23.25	
Range 10 N 3 rd P.M.			

DESIGN STRESSES
 $f_c = 3900$ p.s.i.
 $f_y = 60,000$ p.s.i. (Reinforcement)
 $f_s = 20,000$ p.s.i. (M273 Grade 30)
 $f_b = 20,000$ p.s.i. (M273)
LOADING HS 20-44
 Allow 25 lbs./sq. ft. for future wearing surface.
 Design Specifications: 1977 AASHTO; 1978 and 1979 Indiana Specifications, as applicable.
 Epoxy Coated reinforcement bars shall be used in top layer of deck slab.



GENERAL PLAN
 F.A. Rte. 410, Ramps 'E' & 'F' Over F.A.L. 270
 F.A.L. Rte. 270, Sec. 82-7149
 ST. CLAIR COUNTY
 Sta. 343+61.11 (F.A.L. Rte. 270)

DESIGNED	Rev Brunette	EXAMINED	[Signature]
CHECKED	Jim Konow	PASSED	[Signature]
DRAWN	[Signature]	APPROVED	[Signature]
CHECKED	J.K.		



FOR INFORMATION ONLY

FILE NAME	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -			255	82-THB-1	ST. CLAIR	43	24
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 76C33				
	PLOT DATE = #DATE#	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
					SCALE: NA	SHEET NO. 1 OF 20 SHEETS	STA.	TO STA.		