CONTRACT NO. 78027

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	110BR-1	WHITE	73	9
STA. 82+00		TO STA. 88+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		

ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS
GENERAL DESIGNERS

SCALE IN FEET
20 0 20 40

SEC. 3, T7S, R8E, 3RD P.M.

CURVE DATA
PI STA 79+41.88
Δ = 51°-41'-00.00"
T = 504.60'
L = 939.82'
R = 1041.88'
E = 115.76'
PC STA = 74+37.28
PT STA = 83+77.10

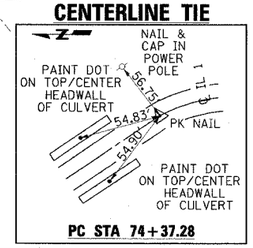
CONNECT TO NEW STEEL RAILING, SEE SHEET NO. 17 FOR SPECIAL GUARDRAIL CONNECTION DETAILS

EX SN 097-0026
℄ STA 85+28.00
ONE SPAN 21" PPC DECK BEAMS, SUPERSTRUCTURE TO BE REPLACED

TOP OF BANK
TRIBUTARY TO INDIAN CREEK
+96.0 FE HMA APRON
EX ROW
12.5' SPBGR TY A
TBT TY 1 SPL (TANGENT)
100' GUARDRAIL REMOVAL
INDIAN CREEK
25' REMOVE AND RE-ERECT SPBGR
30'
EX HEADWALL
40' GUARDRAIL REMOVAL
TBT TY 1 SPL (TANGENT)
TBT TY 1 SPL (TANGENT)
MATCH EX
TBT TY 6A
82+68 BUTT JOINT BEGIN PAVING
82+76 16.5' LT
+51 RCBC
+86.0 FE EARTH
87+10.5 16.5' LT
87+55 16.5' LT
℄ IL 1
82
83
86
87
88
13'-0"
12'-0"
30'
10"
15" RCP
REMOVE AND RE-ERECT TBT TY 1
TBT TY 6A (SPECIAL), SEE SHEET NO. 17 FOR DETAILS
75' GUARDRAIL REMOVAL
TBT TY 6A (SPECIAL), SEE SHEET NO. 17 FOR DETAILS
32' GUARDRAIL REMOVAL
SPBGR MOUNTED ON HEADWALL TO REMAIN
42' GUARDRAIL REMOVAL
EX HEADWALL
MATCH EX
EX ROW
CONCRETE COLLAR
TOP OF BANK
TOP OF BANK
86+60 BUTT JOINT END PAVING
87+10.5 16.5' RT
PRC FLARED END SECTION 15" INV EL 380.20
+31.0 FE AGG
25' PIPE CULVERT, CLASS A, TYPE 2
PT STA 83+77.10 BK=
STA 84+46.60 AH

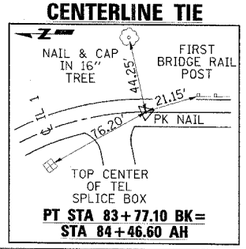
LEGEND
- HMA SHOULDER
- HMA SURF REMOVAL -BUTT JOINT
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, SPECIAL
- BASE COURSE WIDENING, 10"
- AGG SURF COURSE, TYPE B

CENTERLINE TIE



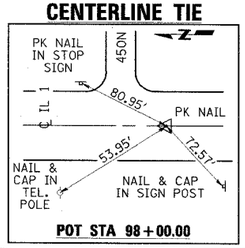
PC STA 74+37.28

CENTERLINE TIE



PT STA 83+77.10 BK=
STA 84+46.60 AH

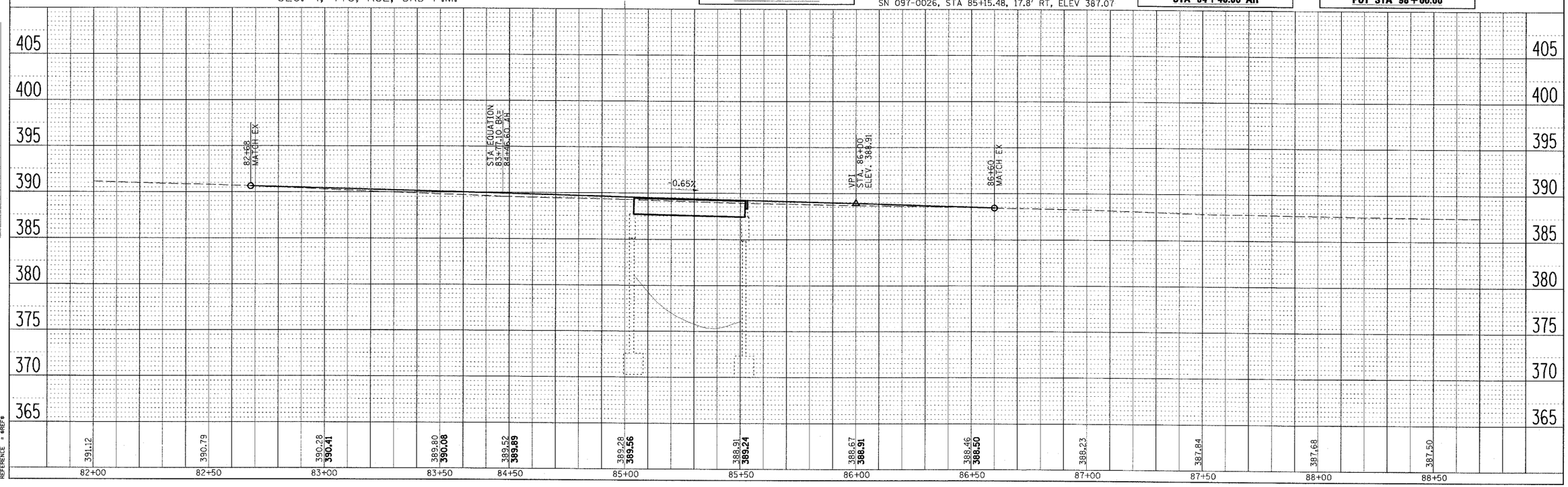
CENTERLINE TIE



POT STA 98+00.00

BENCHMARK
CHISELED SQUARE TOP OF NORTHWEST WINGWALL, SN 097-0026, STA 85+15.48, 17.8' RT, ELEV 387.07

SEC. 4, T7S, R8E, 3RD P.M.



PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
REFERENCE = REF

FAP RTE 782 (IL ROUTE 1) PLAN & PROFILE
STA 82+00 TO STA 88+50