F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	45
STA. 170+00.00		TO STA. 182+00.00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

* (6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2

CONTRACT NO. 94356

50 0 50 100

EXIST CURVE C1
PI STA. = 178+97.56
Δ = 10° 41' 47" (RT)
D = 1° 59' 59"
R = 2,865.01'
T = 268.21'
L = 534.86'
E = 12.53'
e = 4.25% (EXIST)
T.R. = EXIST
S.E. RUN = EXIST
P.C. STA. = 176+29.35
P.T. STA. = 181+64.21

PCBC 2'x2' EXTENSIONS
STA. 174+03.33
LENGTH = 21' LT
UPSTREAM FLOWLINE = 562.22 LT
2'x2' BOX CULVERT TIES INTO 3'x3' BOX CULVERT AT STA. 174+81.81

BOX CULVERT END SECTIONS CULV. NO. 2
LT STA. 174+03.33 1 EACH

PCBC 3'x3' EXTENSIONS
STA. 174+81.81
LENGTH = 26' LT
LENGTH = 7' RT
UPSTREAM FLOWLINE = 563.75 LT
DOWNSTREAM FLOWLINE = 560.11 RT

BOX CULVERT END SECTIONS CULV. NO. 3
LT STA. 174+81.81 1 EACH

PCBC 2'x2' EXTENSIONS
STA. 178+03.29
LENGTH = 16' LT
LENGTH = 20' RT
UPSTREAM FLOWLINE = 561.67 LT
DOWNSTREAM FLOWLINE = 559.80 RT

BOX CULVERT END SECTIONS CULV. NO. 4
LT & RT STA. 178+03.29 2 EACH

SEALING ABANDONDED WATER WELLS
58' LT, STA. 177+08.00 1 EACH
CONTRACTOR TO VERIFY SEALING OF WELL WITH THE ENGINEER.

FILLING EXISTING CULVERTS
℄ STA. 180+12.03 5 CU YD

PIPE CULVERTS, CLASS D, TYPE 1, EQUIVALENT ROUND-SIZE, 15"
STA. 180+32.40
LENGTH = 70' LT
UPSTREAM FLOWLINE = 562.78
DOWNSTREAM FLOWLINE = 560.06

END SECTIONS, EQUIVALENT ROUND-SIZE, 15"

37' LT STA. 179+97.79	1 EACH
40' LT STA. 180+66.96	1 EACH
TOTAL	2 EACH

PERMANENT SURVEY MARKERS, TYPE I

P.I. STA. 172+63.44	1 EACH
P.C. STA. 176+29.35	1 EACH
P.I. STA. 178+97.56	1 EACH
P.T. STA. 181+64.21	1 EACH
TOTAL	4 EACH

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

50' LT STA. 172+00.00	1 EACH
60' RT STA. 172+00.00	1 EACH
90' LT STA. 174+00.00	1 EACH
90' LT STA. 176+29.35	1 EACH
60' RT STA. 176+29.35	1 EACH
90' LT STA. 176+98.90	1 EACH
80' LT STA. 178+00.00	1 EACH
80' LT STA. 179+60.00	1 EACH
110' LT STA. 179+65.25	1 EACH
114.75' LT STA. 179+78.95	1 EACH
127.75' LT STA. 180+15.24	1 EACH
60' RT STA. 180+22.95	1 EACH
134.42' LT STA. 180+33.27	1 EACH
124.75' RT STA. 180+46.93	1 EACH
70' LT STA. 180+75.00	1 EACH
157.09' RT STA. 180+76.29	1 EACH
100' RT STA. 181+05.00	1 EACH
138.09' RT STA. 181+13.79	1 EACH
TOTAL	18 EACH

PIPE CULVERTS, CLASS A, TYPE 1, 15"
STA. 174+12.05 RT
LENGTH = 98'
UPSTREAM FLOWLINE = 577.14
DOWNSTREAM FLOWLINE = 563.75

PRC FLARED END SECTIONS, 15"
31' RT STA. 174+12.05 1 EACH

MANHOLE, TYPE A, 6'Ø, TIF, CL
STA. 174+86.10, 44' RT 1 EACH
TOP OF LID EL = 570.00
INV. = 560.11 N
INV. = 560.08 S
INV. = 566.00 W

INLETS, TYPE A, TYPE 8 GRATE (36" DEPTH)
STA. 171+10.00, 31' LT 1 EACH
TOP OF GRATE EL = 586.17
INV. = 583.17
CONNECT PIPE CULVERT TO INLET (INCLUDED IN COST OF INLET)

PIPE CULVERT, CLASS A, TYPE 1, 42" EXTENSIONS
STA. 174+86.10
LENGTH = 13' RT
UPSTREAM FLOWLINE = 560.08
DOWNSTREAM FLOWLINE = 560.00

PRC FLARED END SECTION, 42"
RT STA. 174+86.10 1 EACH

PIPE CULVERT, CLASS D, TYPE 1, 42"
90' RT STA. 175+00.00 20 LIN FT

PATCH LANE WITH AGGREGATE SURFACE COURSE, TYPE B (EST. QUANTITY = 8 TONS)

AGGREGATE TO BE REMOVED. COST INCLUDED IN COST OF EARTHWORK.

PCBC 8'x6' EXTENSIONS
STA. 181+71.80
LENGTH = 12' LT
LENGTH = 14' RT
SKEW = 30° AH LT
UPSTREAM FLOWLINE = 553.38 LT
DOWNSTREAM FLOWLINE = 552.00 RT

BOX CULVERT END SECTIONS CULV. NO. 5
LT & RT STA. 181+71.80 2 EACH

GRADING AND SHAPING DITCHES SEE SHEET 105A FOR DETAILS

EXIST 8'x6' RC BOX CULVERT
USFL 22' LT STA. 181+84.63 EL = 552.94
DSFL 21' RT STA. 181+59.45 EL = 552.30

SEDIMENT BASIN

SAVE AND PROTECT EXIST TREES (3 EACH)

STA. 178+03.29 EXIST 2'x2' RC BOX CULVERT USFL 560.92 LT DSFL 559.43 RT

STA. 180+12.03, 21' RT EXIST 2'x1.5' BOX CULVERT W/ 24" RCCP EL = 559.79

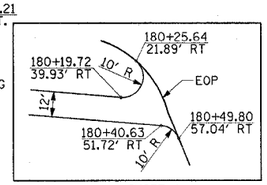
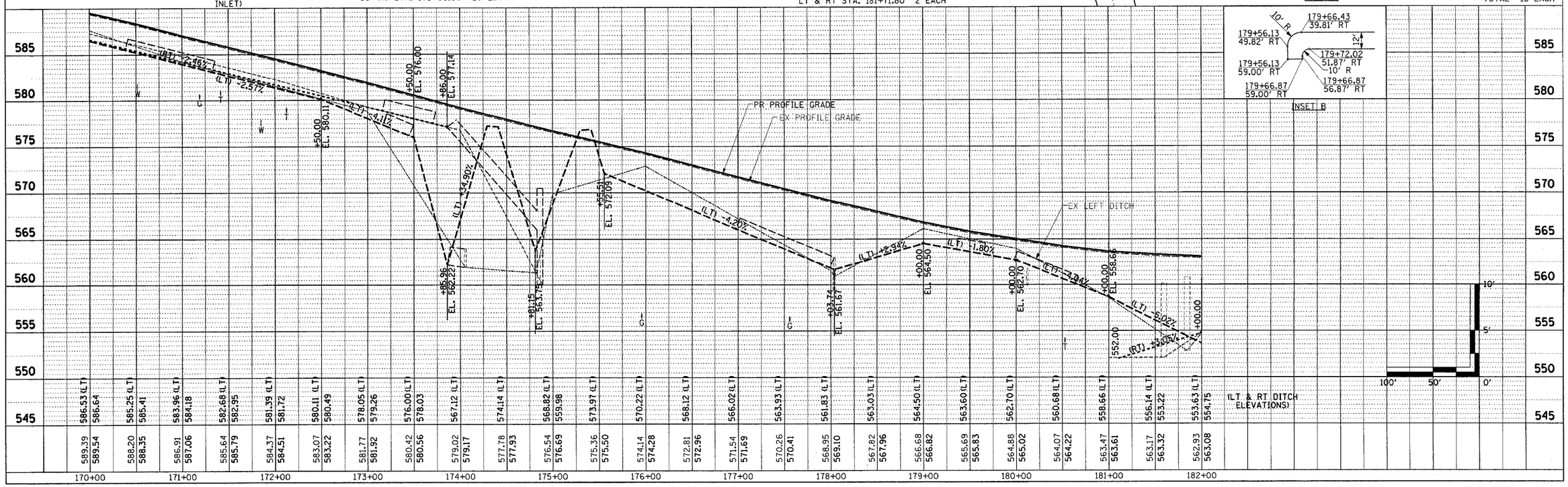
STA. 180+39.11 (IL RTE 33) = STA. 5+00.00 (1525TH ST) (SEE SHEET 89)

CULVERT END @ NORTH NOT VISIBLE

SEE INSET A

SEE INSET B

INSET A



INSET B