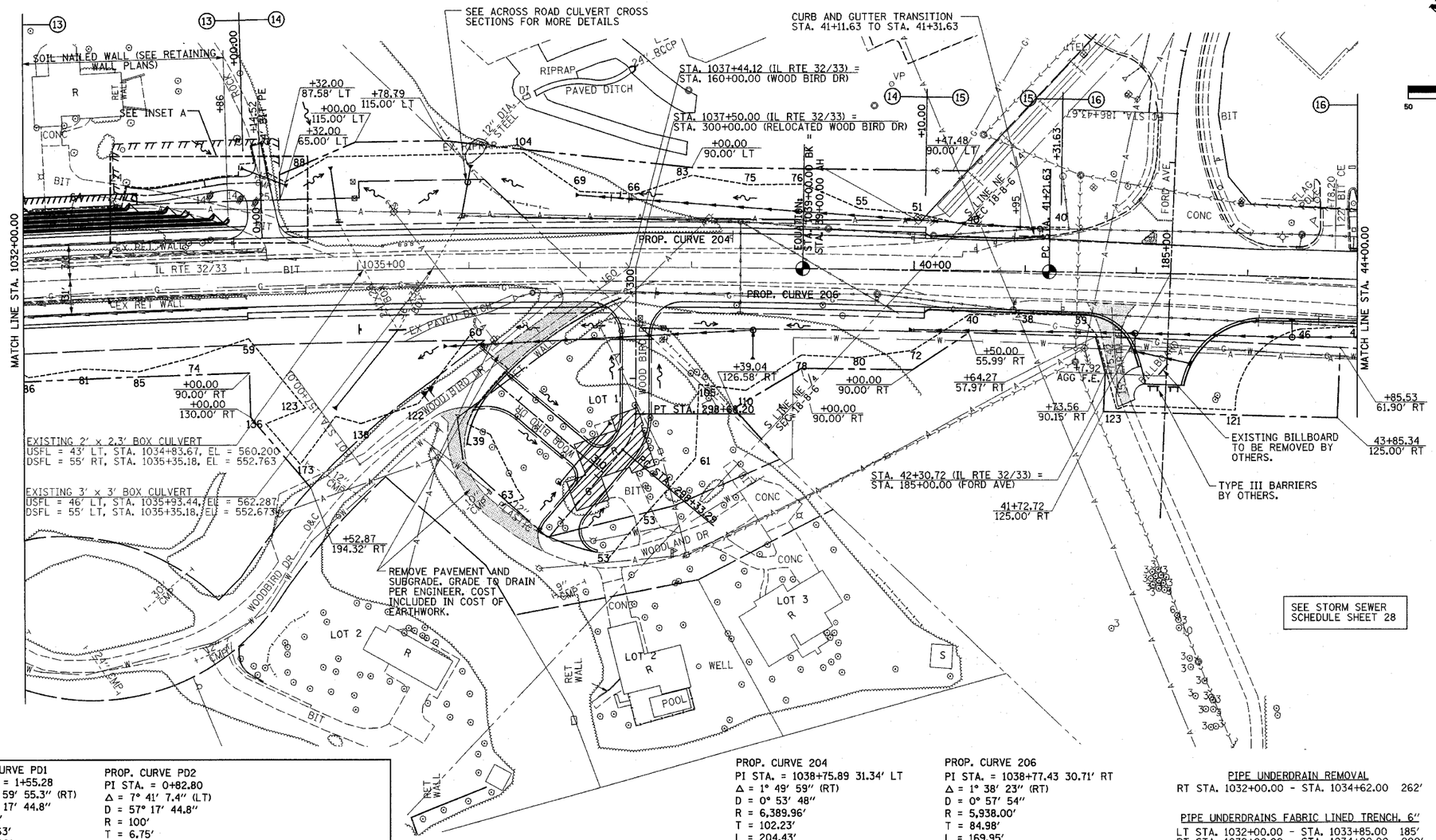
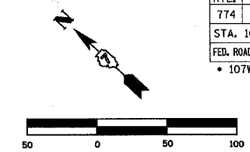
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	•	EFFINGHAM	273	64
STA. 1032+00.00		TO STA. 44+00.00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

• 107WRS-1, 107BY, 107BY-1 & 107B-2

CONTRACT NO. 94827





BUILDING REMOVAL NO. 1
RT STA. 1037+00.00 1 L SUM

PERMANENT SURVEY MARKERS, TYPE I
PT STA. 1039+00.00 1 EACH
PC STA. 41+21.63 1 EACH
TOTAL 2 EACH

RETAINING WALL REMOVAL
LT STA. 1032+00.00 - STA. 1034+17.00 725 SQ FT
RT STA. 1032+00.00 - STA. 1033+99.00 665 SQ FT
RT STA. 158+88.19 - STA. 159+77.78 515 SQ FT
TOTAL 1905 SQ FT

CONCRETE GUTTER, TYPE A
LT STA. 1032+00.00 - STA. 1034+00.00 200'
RT STA. 1032+00.00 - STA. 1034+00.00 200'
TOTAL 400'

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
LT STA. 40+10.00 - STA. 41+31.63 122'
RT STA. 40+10.00 - STA. 41+31.63 122'
RT STA. 41+31.63 - STA. 41+50.00 18'
RT STA. 43+56.71 - STA. 44+00.00 43'
LT STA. 184+16.00 - STA. 184+65.00 83'
RT STA. 184+00.00 - STA. 184+65.00 144'
TOTAL 532'

PAVED DITCH REMOVAL
RT STA. 1035+40.25 - STA. 1036+41.26 101'

COMBINATION CURB AND GUTTER REMOVAL
LT STA. 40+95.00 - STA. 41+31.63 37'
RT STA. 41+03.79 - STA. 44+00.00 296'
TOTAL 333'

GUTTER OUTLET REMOVAL
RT STA. 40+88.77 - STA. 41+03.79 1 EACH

ISLAND PAVEMENT REMOVAL AND REPLACEMENT
LT STA. 42+04.53 - STA. 42+17.16 97 SQ FT

MEDIAN REMOVAL PARTIAL DEPTH
STA. 43+16.00 - STA. 44+00.00 346 SQ FT

PCBC 4'x3' EXTENSION (CULVERT NO. 2)
STA. 1034+79.00
LENGTH = 85' RT
DSFL = 121' RT, EL = 551.40
(SEE SHEET 112 FOR CONCRETE COLLAR DETAILS)

BOX CULVERT END SECTION, CULVERT NO. 2
RT STA. 1034+79.00 1 EACH

PCBC 2'x2' EXTENSION (CULVERT NO. 3)
STA. 1034+78.00
LENGTH = 45' LT
USFL = 90' LT, EL = 567.50

BOX CULVERT END SECTION, CULVERT NO. 3
LT STA. 1034+81.00 1 EACH

PCBC 3'x3' EXTENSION (CULVERT NO. 4)
STA. 1036+00.00
LENGTH = 30' LT
USFL = 75' LT, EL = 560.00

MH, TA, 6' DIA, TIF, CL
STA. 1036+00.00, 78' LT
TOP OF LID EL = 573.00

PIPE CULVERTS, CLASS A, TYPE 1, 36"
LENGTH = 12'
USFL = 90' LT, STA. 1036+00.00, EL = 570.20
DSFL = 78' LT, STA. 1035+98.29, EL = 570.00
1 EACH, PRC FLARED END SECTION, 36"

STORM SEWER TO BE FILLED
RT STA. 1036+44.26 - STA. 39+67.38 37.6 CU YDS
LT STA. 1035+96.30 - STA. 39+22.58 38.4 CU YDS
LT & RT STA. 1038+43.86 - STA. 1038+44.28 5.4 CU YDS
LT & RT STA. 1038+43.86 - STA. 39+86.99 10.8 CU YDS
LT STA. 39+22.58 - STA. 41+12.80 22.3 CU YDS
TOTAL 114.5 CU YDS

PIPE UNDERDRAIN REMOVAL
RT STA. 1032+00.00 - STA. 1034+62.00 262'

PIPE UNDERDRAINS FABRIC LINED TRENCH, 6"
LT STA. 1032+00.00 - STA. 1033+85.00 185'
RT STA. 1032+00.00 - STA. 1034+00.00 200'
TOTAL 385'

INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE
LT STA. 41+21.61 1 EACH

REMOVE INLET BOX
LT STA. 1034+83.67 1 EACH
LT STA. 1035+93.85 1 EACH
TOTAL 2 EACH

STORM SEWER REMOVAL, 12"
RT STA. 40+89.70 8'

STORM SEWER REMOVAL, 15"
RT STA. 43+65.32 9'

STORM SEWER REMOVAL, 24"
RT STA. 39+67.38 - STA. 40+89.70 123'
RT STA. 40+89.70 - STA. 44+00.00 309'
TOTAL 432'

PROP. CURVE 204
PI STA. = 1038+75.89 31.34' LT
Δ = 1° 49' 59" (RT)
D = 0° 53' 48"
R = 6,389.96'
T = 102.23'
L = 204.43'
E = 0.82'
P.C. STA. = 1037+88.27 31.00' LT
P.T. STA. = 39+63.67 29.59' LT

PROP. CURVE 206
PI STA. = 1038+77.43 30.71' RT
Δ = 1° 38' 23" (RT)
D = 0° 57' 54"
R = 5,938.00'
T = 84.98'
L = 169.95'
E = 0.61'
P.C. STA. = 1037+92.22 31.00' RT
P.T. STA. = 39+62.46 32.39 RT'

PROP. CURVE PROP5
PI STA. = 1014+09.68
Δ = 25° 19' 45" (RT)
D = 0° 30' 00"
R = 11,456.75'
T = 2,574.44'
L = 5,064.76'
E = 285.69'
e = 1.56 %
P.C. STA. = 988+35.24
P.T. STA. = 1039+00.00
SE ATTAINED STA. 985+70.00 TO STA. 989+00.00
SE REMOVED STA. 1025+00.00 TO STA. 1026+75.00

EXIST. CURVE C-3
P.I. STA. = 1034+75.4
Δ= 44° 02' 00"
D= 0° 30' 00 "
R= 11459.2
T= 4633.6
L= 8806.7
E= 901.4
e= 1.55%
P.C. STA= 988+41.2
P.T. STA= 1076+42.9

PROP. CURVE PROP4-2
PI STA. = 45+21.11
Δ = 4° 27' 29" (RT)
D = 0° 33' 30"
R = 10,263.16'
T = 399.48'
L = 798.55'
E = 7.77'
e = N/C
P.C. STA = 41+21.63
P.T. STA = 49+20.18

REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1
RT STA. 1037+00.00 1 L SUM

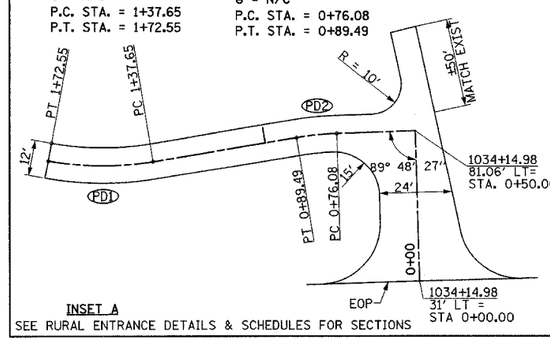
REMOVING MANHOLES
RT STA. 1036+57.05 1 EACH
LT STA. 1038+43.86 1 EACH
LT STA. 39+22.58 1 EACH
RT STA. 39+67.38 1 EACH
LT STA. 40+17.22 1 EACH
RT STA. 40+89.70 1 EACH
TOTAL 6 EACH

REMOVING INLETS
RT STA. 1038+44.28 1 EACH
RT STA. 40+91.03 1 EACH
RT STA. 43+65.32 1 EACH
TOTAL 3 EACH

REMOVE EXISTING FLARED END SECTION
RT STA. 1036+44.26 1 EACH

PROP. CURVE PD1
PI STA. = 1+55.28
Δ = 19° 59' 55.3" (RT)
D = 57° 17' 44.8"
R = 100'
T = 17.63'
L = 34.90'
E = .1.54'
e = N/C
P.C. STA. = 1+37.65
P.T. STA. = 1+72.55

PROP. CURVE PD2
PI STA. = 0+82.80
Δ = 7° 41' 7.4" (LT)
D = 57° 17' 44.8"
R = 100'
T = 6.75'
L = 13.41'
E = .23'
e = N/C
P.C. STA. = 0+76.08
P.T. STA. = 0+89.49



INSET A
SEE RURAL ENTRANCE DETAILS & SCHEDULES FOR SECTIONS

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
BRACKETED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

MAIN LINE SHEET 10 OF 12