F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	•	EFFINGHAM	273	72
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

• 107WRS-1, 107BY, 107BY-1 & 107B-2

CONTRACT NO. 94827

STA. 1014+00.00 (IL RTE 32/33) =
STA. 140+00.00 (1200TH ST)

SEC 13-8-5
SEC 18-8-6

EXISTING STRUCTURE TO BE REMOVED. SEE BRIDGE PLANS.

LITTLE WABASH RIVER

REMOVE PAVEMENT, SUBGRADE AND SHOULDERS STA. 140+27.78 TO STA. 149+40.42. GRADE TO DRAIN PER ENGINEER. COST INCLUDED IN COST OF EARTHWORK.

NOTE: INDIVIDUAL TREE REMOVALS NOT SHOWN. SEE SCHEDULE

TERMINAL MARKER DIRECT APPLIED
LT STA. 202+59.23 1 EACH
RT STA. 206+08.61 1 EACH
LT STA. 206+85.89 1 EACH
TOTAL 3 EACH

EARTH SHOULDER WIDENING IN ACCORDANCE WITH STD. 630301 (TYP.)

499+50.00
PROPOSED CHANNEL MATCH EXISTING

BRIDGE SECTION 107B-2

TRAFFIC BARRIER TERMINAL, TYPE 5A
LT STA. 203+59.23 - STA. 203+72.48 1 EACH
RT STA. 203+69.43 - STA. 203+82.68 1 EACH
LT STA. 204+85.14 - STA. 204+98.39 1 EACH
RT STA. 204+95.36 - STA. 205+08.61 1 EACH
TOTAL 4 EACH

TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)
LT STA. 202+59.23 - STA. 203+09.23 1 EACH
RT STA. 205+58.61 - STA. 205+85.89 1 EACH
LT STA. 206+35.89 - STA. 206+85.89 1 EACH
TOTAL 3 EACH

STEEL PLATE BEAM GUARDRAIL, TYPE A
RT STA. 203+19.43 - STA. 203+69.43 50.0'
LT STA. 203+09.23 - STA. 203+59.23 50.0'
LT STA. 204+98.39 - STA. 206+35.89 137.5'
RT STA. 205+08.61 - STA. 205+58.61 50.0'
TOTAL 287.5'

STEEL PLATE BEAM GUARDRAIL, TYPE A (SPECIAL)
RT STA. 203+06.00 - STA. 203+19.43 25'

STA. 1015+03.93 (IL RTE 32/33) =
STA. 200+00.00 (RELOCATED 1200TH ST)

℄ SN 025-3309 OVER GREEN CREEK
STA. 204+33.91 (RELOCATED 1200TH ST) =
STA. 500+00.00 (REALIGNED GREEN CREEK)
SKEW=20° RIGHT FORWARD
(SEE BRIDGE PLANS)

℄ REALIGNED GREEN CREEK (SEE GREEN CREEK CROSS SECTIONS)

PI STA. 501+28.75
(REALIGNED GREEN CREEK)=
STA. 204+78.47, 126.81' RT
(RELOCATED 1200TH STREET)

PT STA. 502+43.23
(REALIGNED GREEN CREEK)=
STA. 205+96.69, 171.77' RT
(RELOCATED 1200TH STREET)

503+00.00
PROPOSED CHANNEL MATCH EXISTING

PROP. CURVE RCC1
PI STA. = 501+28.75
Δ = 46° 27' 13" (LT)
D = 19° 05' 55"
R = 300.00'
T = 128.75'
L = 243.23'
E = 26.46'
P.C. STA. = 500+00.00
P.T. STA. = 502+43.23

PROP. CURVE C101
PI STA. = 202+54.90
Δ = 34° 00' 01" (LT)
D = 14° 19' 26"
R = 400.00'
T = 122.29'
L = 237.37'
E = 18.28'
e = N/C
P.C. STA. = 201+32.60
P.T. STA. = 203+69.97

PROP. CURVE C102
PI STA. = 211+81.42
Δ = 13° 52' 16" (RT)
D = 8° 11' 06"
R = 700.00'
T = 85.15'
L = 169.47'
E = 5.16'
e = N/C
P.C. STA. = 210+96.27
P.T. STA. = 212+65.74

FOR INTERSECTION GEOMETRICS SEE SHEET 77

NOTE: R.O.W. STATIONS AND OFFSETS GIVEN OFF MAINLINE

PT STA. 212+65.74
STA. 213+00.00 BK
STA. 152+12.42 AH
END CONSTRUCTION

EXIST. R.O.W.

PROP ROW

1200TH ST

RELOCATED 1200TH ST

GREEN CREEK

EX TOP OF BANK

EX TOE

1007+34.85
1017.10' LT

1007+50.55
1027.49' LT

1007+78.91
976.92' LT

1008+71.08
852.38' LT

1011+41.50
579.44' LT

1011+54.43
594.11' LT

1014+27.74
1332.44' LT

1013+89.02
372.41' LT

PROFILE

542.34

-1.58%

527.50
+00.00 LT & RT
527.50

PR LT & RT DITCH

-0.6%

528.92

+50.00 LT & RT
526.00

INTERCEPT EXIST BANK

Design (50-yr.) H.W.E. 530.40

LOW BEAM EL. 533.07

STREAMBED EL. 515.4'

30' TYP

24' TYP

+50.00 EL. 532.58

ex = 0.39'
200.00' V.C.

+50.00 EL. 531.00

VPI STA. 207+40.00
ELEVATION 531.00

526.06

+50.00 RT
526.40

+00.00 LT
526.20

INTERCEPT EXIST BANK

-1.58%

-0.00%

+0.40%

+33.33%

PR PROFILE GRADE

EX. GROUND

+05.80 LT
529.27

+00.00 LT
527.40

PR RT DITCH

+00.00
529.00

531.00

10'

5'

100' 50' 0'

200+00	201+00	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00	210+00	211+00	212+00	213+00
541.71	536.36 / 542.03	527.28 / 541.24	528.26 / 540.45	528.41 / 539.66	528.37 / 538.88	528.26 / 538.09	528.31 / 537.30	519.02 / 536.51	516.10 / 535.73	522.96 / 534.94	522.73 / 534.15	528.01 / 533.36	528.09 / 532.58	528.31 / 531.89	528.47 / 531.39	528.76 / 531.10	529.07 / 531.00	529.25 / 531.00	529.42 / 531.00	529.55 / 531.00	529.94 / 531.00	530.43 / 531.00	530.79 / 531.00	531.02 / 531.00	531.09 / 531.00	531.00 / 531.00	530.98

1200TH ST PUBLIC ROAD SHEET 6 OF 8