85368

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 245	98-20101-00-BR	BUREAU	65	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-BRCS-0116(2)		

BENCH MARK: Railroad Spike in Third Power Pole West of Captain Swift Bridge on TR 245 ELEV. 582.22

BENCH MARK: Railroad Spike in Sixth Power Pole East of Captain Swift Bridge on TR 245 ELEV. 625.49

READ FARMING PARTNERSHIP
PIN # 16-7-300-005
PART OF SUB OF S.E.1/4 SEC. 7
PART OF SUB OF S.W.1/4 SEC. 7

JUNE WILTZ PALMER
PIN # 16-7-400-003
PART OF SUB OF S.1/2 S.E.1/4 SEC. 7

EDGAR C. SINN, et ux
PIN # 16-18-100-004
PART OF SUB OF N.W.1/4 SEC. 18
PART OF SUB OF N.W.1/4 SEC. 18

CITY OF PRINCETON
PIN # 16-7-400-002
PART OF SUB OF S.1/2 S.E.1/4 SEC. 7

PI Sta = 10+13.44
N = 1716828.54
E = 2479781.71
I = 22°04'21"L
Da = 06°00'00"
T = 186.25
R = 954.93
L = 367.87
E = 17.99

PC Sta = 8+27.19
PT Sta = 11+95.06

MSE = 6.0%
SUPER TRANSITION IN = 180' (2/3 & 1/3)
BS = 7+07.19
BMS = 8+87.19
SUPER TRANSITION OUT = 165' (1/2 & 1/2)
EMS = 11+12.56
ES = 12+77.56

PI Sta = 17+03.14
N = 1717095.58
E = 2480422.63
I = 19°54'51"L
Da = 06°00'00"
T = 167.64
R = 954.93
L = 331.90
E = 14.60

PC Sta = 15+35.50
PT Sta = 18+67.41

MSE = 6.00%
SUPER TRANSITION IN = 165' (1/2 & 1/2)
BS = 14+53
BMS = 16+18
SUPER TRANSITION OUT = 180' (2/3 & 1/3)
EMS = 18+07.41
ES = 19+87.41

NOTE: GUARD RAIL USE: TRAFFIC BARRIER TERMINAL TYPE 5A (SPECIAL) AT BRIDGES, USE GUARDRAIL, SPECIAL IN MIDSECTIONS, AND USE WEATHERING STEEL TRAFFIC BARRIER TYPE 1, SPECIAL (TANGENT)

EXISTING R.O.W.
2' - 3' EXISTING SHOULDER
SEE PAVEMENT TAPER DETAIL BELOW
SECTION BEGINS @ STA. 6+50
PROPOSED R.O.W.
4' AGG. SHOULDER
PROPOSED CENTERLINE
REMOVE 24" CMP
BRIDGE APPROACH PAVEMENT 30' x 33.33'
TYPE B INLET BOX, PIPE DRAIN 12", CONCRETE THRUST BLOCKS, AND METAL END SECTIONS
P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT
WEATHERING STEEL PLATE BEAM GUARD RAIL, SPECIAL
BARBED WIRE FENCE, FIVE STRAND
PARKING LOT AREA
+05 ENTRANCE
+35 ENTRANCE
PARKING LOT AREA (SEE DETAIL SHEET 14)
MODULAR RETAINING WALL & GUARDRAIL, SPECIAL 2 (SEE DETAIL SHEET 12 & 14)
BIG BUREAU CREEK
TR 245

REMOVAL OF RETAINING WALL REQUIRED FOR PROPOSED BRIDGE CONSTRUCTION SHALL BE INCLUDED IN THE COST OF "REMOVAL OF EXISTING STRUCTURES".

PAVEMENT OMISSION
STA. 12+76.48 TO 14+64.48

NOTE: ALL TREES WITHIN PROPOSED R.O.W. TO BE REMOVED BY TOWNSHIP BETWEEN OCTOBER 1ST AND MARCH 31ST ONLY

STA 4+00 P.K. NAIL
STA 6+00 P.K. NAIL
STA 10+11.13 SURVEY P.K.
STA 17+01.46 5/8" IP SET

50 0 50 100 150

CALL JULIE TOLL FREE 800-892-0123

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PAVEMENT TAPER DETAIL

BIT. SURFACE REMOVAL - BUTT JOINT
4' AGG. SHOULDER
+05.44
10:1
6+00
+50
7+00
+24.46
20'
24'
+25
P.C.C. PAVEMENT
+03.64
10:1
40:1 EDGE OF LANE LINE (4" WHITE LINE)
+54.56
BIT. MIXTURE COMPLETE
4' AGG. SHOULDER

EXISTING STRUCTURE: (S.N. 006-4285)
A Single Span (1 @ 115') Pratt Through Truss on Closed Concrete Abutments.
Skewed 0°, Located 70' Right of Sta. 13+70.

PROPOSED STRUCTURE: (S.N. 006-4288)
A Single Span (1 @ 120') Timber Covered Bridge on Closed Concrete Abutments.
Skewed 0°, at Sta. 13+70.

TOWNSHIP RESPONSIBILITY TO BEGINNING OF PROJECT

TOWNSHIP RESPONSIBILITY

SECTION BEGINS @ STA. 6+50
BOP STA = 6+50.00
BOP EL = 583.74
VPC STA = 7+25.00
VPC EL = 583.37
LP STA = 7+84.50
LP EL = 583.22
VPT STA = 8+75.00
VPT EL = 583.56
PROPOSED PROFILE
-0.49%
0.75%
VPI STA = 8+00.00
VPI EL = 583.00
g1 = -0.49%
g2 = 0.75%
CURVE LEN = 150.00
K = 120.61
E = 0.23
PROFILE ALONG CENTERLINE OF PROPOSED ALIGNMENT
VPC STA = 14+50.00
VPC EL = 587.88
PROPOSED PROFILE
2.60%
VPT STA = 18+00.00
VPT EL = 593.74
VPI STA = 16+25.00
VPI EL = 589.19
g1 = 0.75%
g2 = 2.60%
CURVE LEN = 350.00
K = 189.09
E = 0.81

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