CONTRACT NO. 91329

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED

FEDERAL–AID B.R.R. PROGRAM

COTTONWOOD ROAD DISTRICT
CUMBERLAND COUNTY
SECTION 99–01123–00–BR
STRUCTURE NO. 018–3186
PROJECT NO. BROS–035(39)
JOB NO. C–95–308–05
TR 39

INDEX OF SHEETS

1	COVER SHEET
2	PLAN & PROFILE
3	CROSS SECTIONS
4–11	BRIDGE PLANS

STANDARDS:
000001–04 – ABBEVIATIONS AND SYMBOLS
280001–02 – EROSION CONTROL
515001–02 – NAME PLATES
630001–05 – STEEL PLATE BEAM GUARDRAIL
630301–09 – SHOULDER WIDENING
631026–02 – TRAFFIC BARRIER TERM. TY. 5A
702001–05 – TRAFFIC CONTROL DEVICES
BLR 21–6 – TYPICAL APPLICATION OF TRAFF. CONT. DEVICES FOR CONST. ON RURAL HWYS.
BLR 22–4 – " " " " " " " " ON RURAL LOCAL HWYS.

SCALES

PLAN	1 INCH = 50 FEET
PROFILE HORZ.	1 INCH = 50 FEET
PROFILE VERT.	1 INCH = 10 FEET
CROSS SECTION	1 INCH = 5 FEET

SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM	X080-2A CODE NO.
1	EACH	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	X5020501
1	EACH	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	X5020502
10	EACH	SETTING PILES IN ROCK	Z0065000
0.30	ACRE	TREE REMOVAL, ACRES	20100500
37	CU YD	EARTH EXCAVATION	20200100
593	CU YD	CHANNEL EXCAVATION	20300100
833	CU YD	FURNISHED EXCAVATION	20400800
20	CU YD	TRENCH BACKFILL	20800150
0.60	ACRE	SEEDING, CLASS 2 (SPECIAL)	25001000
4	EACH	TEMPORARY DITCH CHECKS	28000300
80	FOOT	PERIMETER EROSION BARRIER	28000400
329	TON	STONE RIPRAP, CLASS A4	28100207
437	SQ YD	FILTER FABRIC	28200200
386	TON	AGGREGATE BASE COURSE, TYPE B	35101400
45	TON	AGGREGATE SURFACE COURSE, TYPE B	40200800
1	EACH	REMOVAL OF EXISTING STRUCTURES	50100100
45.8	CU YD	CONCRETE STRUCTURES	50300225
1,736	SQ FT	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	50400305
1,680	SQ FT	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	50400505
5,100	POUND	REINFORCEMENT BARS	50800105
245	FOOT	STEEL RAILING, TYPE S1	50900205
450	FOOT	FURNISHING STEEL PILES HP12X53	51201600
150	FOOT	DRIVING STEEL PILES	51202700
2	EACH	TEST PILE STEEL HP12X53	51203600
36.7	CU YD	CONCRETE ENCASEMENT	51204310
1	EACH	NAME PLATES	51500100
37.5	FOOT	STEEL PLATE BEAM GUARDRAIL, TYPE B	63000005
4	EACH	TRAFFIC BARRIER TERMINAL, TYPE 5A	63100075
3	EACH	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	63100167
1	L SUM	TRAFFIC CONTROL AND PROTECTION	70101700
3	EACH	TERMINAL MARKER - DIRECT APPLIED	78201000
1	LSUM	MOBILIZATION	67100100

FUNCTIONAL CLASS: LOCAL ROAD
ADT = 200

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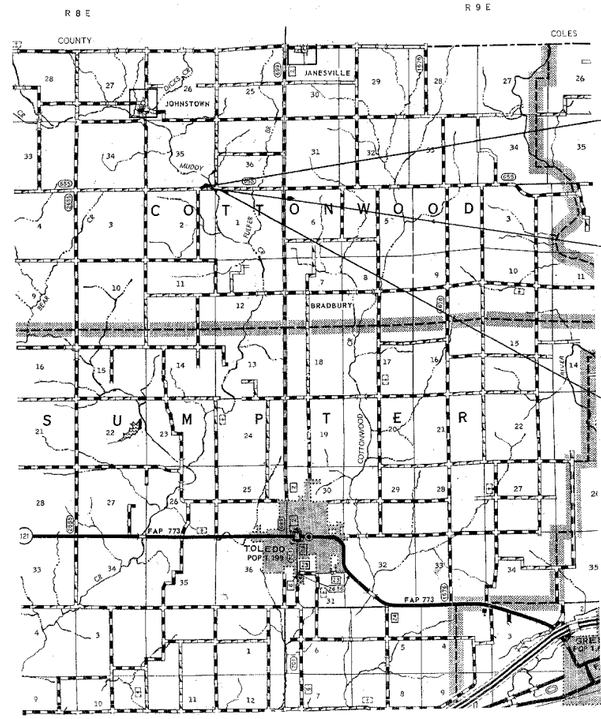

LOCATION MAP

APPROXIMATE SCALE: 1 INCH = 1 MILE
NET LENGTH = 375 FEET = 0.071 MILES

THE ACCEPTANCE OF THIS PROJECT IS BASED ON A MINIMUM DESIGN CRITERIA FOR A FEDERAL–AID BRRP TYPE IMPROVEMENT ON THE COUNTY HIGHWAY SYSTEM.

DISTRICT ENGINEER OF LOCAL ROADS & STREETS

Michael R. Crouch 1-04-05
ILLINOIS REGISTERED PROFESSIONAL ENGINEER # 31350
LICENSE EXPIRES NOVEMBER 30, 2005

APPROVED JANUARY 5, 2005
COUNTY ENGINEER

APPROVED 4/6, 2005
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

APPROVED APRIL 11, 2005
REGIONAL ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOLL FREE JOINT UTILITY LOCATING
INFORMATION FOR EXCAVATORS (J.U.L.I.E.)
TELEPHONE NO. 1–800–892–0123

PROFESSIONAL DESIGN FIRM #184–000832