93425
CONTRACT NO.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
583	****	SCHUYLER	56	9
STA. 48+00		TO STA. 63+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	**	

**** SECTION 02-00067-00-BR
** BRS-583(111)

SCALE IN FEET 0 50 100

N

MORRIS L. & HELEN M. BILLINGSLEY

LLOYD H. & FLORENCE E. HALE

LOMOINE RIVER

TOP OF BANK

+00, 200' LT.
+78.50, 200' LT.
+78.50, 80' LT.
STA. 52+68.00 BK. WEST ABUT.
+70 F.E.
+00, 50' LT.
+50, 40' LT.
PROPOSED R.O.W.
TEMP. CONST. EASEMENT
STA. 54+95.75 ℄ S.N. 085-3054
STA. 57+23.50 BK. EAST ABUT.
+48.19 50' LT.
+48.19 80' LT.
+00, 155' LT.
+00, 80' LT.
+84 F.E.
+00, 50' LT.
+50, 40' LT.
STA. 61+18.92
EXIST. R.O.W.
℄ FAS 583 (CH #5)
2'-6" (AGG.)
4" (BIT.)
22'
40'
50+00
55+00
60+00
+52.46
+39.04
TBM #1:
+50, 40' RT.
+00, 50' RT.
TBM #2:
TBM #3:
+15.38 80' RT.
+55 180' RT.
+00, 180' RT.
+48.19 50' RT.
+34.97 69.81' RT.
+31.48 40' RT.
+50, 40' RT.
46 F.E.
BRIDGE APPROACH PAVEMENT (SPECIAL) SEE DETAIL G-G ON SHEET NO. 19

STA. 48+80.00
BEGIN IMPROVEMENTS

STA. 62+50.00
END IMPROVEMENTS

EXIST. CURVE CURVE2
PI STA. = 61+18.92
Δ = 18° 46' 53" (RT)
D = 3° 30' 00"
R = 1,637.02'
T = 270.73'
L = 536.61'
P.C. STA. = 58+48.19
P.T. STA. = 63+84.80
S.E. RUN = 6%
ATTAINED: 5755.41 TO 58+98.19
MATCH EXISTING @ 62+50.00

LEGEND

- TREE REMOVAL
- BITUMINOUS SURFACE REMOVAL
- CONSTRUCTION LIMITS
- PERIMETER EROSION BARRIER

TBM #1: STA. 48+88, 16' RT. CHISELED "□" ON S.E. WINGWALL OF BRIDGE ELEV. 480.94

TBM #2: STA. 52+79.1, 11.7' RT. ILLINOIS WATERWAY TABLET IN S.W. CORNER OF EXISTING BRIDGE ELEV. 479.10

TBM #3: STA. 62+96, 39' LT. RR SPIKE IN POWER POLE ELEV. 470.02

REVISION	DATE	BY

GREENE & BRADFORD, INC. OF SPRINGFIELD
CONSULTING ENGINEERS
2900 CONSTITUTION DRIVE
SPRINGFIELD, ILLINOIS 62703-5678
PROFESSIONAL & TECHNICAL CONSULTANTS CORPORATION
(217) 787-8944, (217) 787-8021 (FAX) e-mail: cadd@greenebradford.com

COMPUTER FILE NO. 02157PLN
PROJECT 02157
9/22/06 - MDS

SURVEYED
DESIGNED
ALIGNMENT CHECKED
GRADES CHECKED
QUANTITIES CALCULATED
NOTE BOOK
NO.
STRUCTURE NO.
TAYNS CHKD
DATE
BY

PLAN

PROFILE

EARTH EXCAVATION = 11 CU. YD.
FILL = 732 CU. YD.
FURNISHED EXCAVATION • = 725 CU. YD.
• ASSUMES 25% SHRINKAGE

EARTH EXCAVATION = 39 CU. YD.
EARTH EXCAVATION (WIDENING) = 44 CU. YD.
FILL = 1328 CU. YD.
FURNISHED EXCAVATION • = 1266 CU. YD.
• ASSUMES 25% SHRINKAGE

EXISTING GROUND
PROPOSED PROFILE GRADE

STA. 48+80.00 BEGIN IMPROVEMENTS
STA. 48+00.00 ELEV. 481.00
VPC STA. 50+57.00 ELEV. 481.00
VPT STA. 52+45.00 ELEV. 482.36
VPI STA. 54+95.75 ELEVATION 485.60
VPI STA. 51+57.00 ELEVATION 481.00
PROP. PROFILE GRADE
+1.36%
-1.36%
+0.00%
DESIGN HWE = 477.64
VPC STA. 52+70.75 ELEV. 482.55
VPT STA. 57+20.75 ELEV. 482.55
ex = 0.34' 200.00' V.C.
ex = 1.53' 450.00' V.C.
VPC STA. 59+06.00 ELEV. 480.04
VPI STA. 60+06.00 ELEVATION 478.68
VPT STA. 61+06.00 ELEV. 478.68
VPI STA. 62+00.00 ELEVATION 478.68
STA. 62+50.00 ELEV. 478.75
STA. 62+50.00 END IMPROVEMENTS
50' TRANS.
+80
+30
+64
+00
+50
BIT. SURF. REMOVAL (BUTT JOINT)
BIT. SURF. REMOVAL (VARIABLE DEPTH)

| | | |