STA. 323 + 61

BRIAN MUELLER

321+50.00
105.00' LT

320+00.00
65.00' LT

PROPOSED R.O.W.

CONSTRUCTION LIMITS

323+00.00
75.00' LT

323+75.00
75.00' LT

BRIAN MUELLER

324+00.00
60.00' LT

PROPOSED DITCH LINE

PROPOSED R.O.W.

CONSTRUCTION LIMITS

325+50.00
55.00' LT

PROPOSED DITCH LINE

EXISTING R.O.W.

HMA SHOULDER, 5-3/4"

MATCH LINE STA. 320+00

320+00

IL 94

325+00

EXISTING R.O.W.

MATCH LINE STA. 326+00

4'

12'

GUARDRAIL REMOVAL

CLASS C PATCHES, TYPE IV, 12"

EXISTING R.O.W.

PROPOSED DITCH LINE

CONSTRUCTION LIMITS

PROPOSED R.O.W.

323+00.00
75.00' RT

STA. 323+50
1 EA. REMOVAL OF EXISTING STRUCTURE NO.4
113' PIPE CULVERTS, CLASS A, TYPE 3 36"
45' LT - 68' RT
℄ 720.64 - 719.80
1 EA. DROP BOX NO.4 LT
1 EA. PRC FLARED END SECTION 36" RT

323+25.00
110.00' RT

323+75.00
110.00' RT

STONE RIPRAP, CLASS A4

EXISTING R.O.W.

CONSTRUCTION LIMITS

PROPOSED R.O.W.

324+00.00
95.00' RT

325+00.00
90.00' RT

326+00.00
75.00' RT

PROPOSED DITCH LINE

LAWRENCE C. BABEU

LAWRENCE C. BABEU

TREE REMOVAL

Drainage Area =	29	acres		
Existing Low Grade Elevation:	735.53	ft. @	322+86	
Proposed Low Grade Elevation:	735.53	ft. @	322+86	
Flood	Frequency Year	Discharge cfs	Headwater Elev. (ft) Existing	Proposed
Ten-Year	10	50	-	730.16
Design	50	69	-	730.42
Base	100	79	-	730.54
Max Calc	500	110	-	730.90

10-Year Velocity through Existing Culvert = fps

10-Year Velocity through Proposed Culvert = 9.8 fps

PROPOSED LT DITCH GRADE LINE

PROPOSED LT DITCH GRADE LINE

PROPOSED RT DITCH GRADE LINE

745 740 735 730 725 720 715

736.48 736.39 736.29 736.18 736.07 735.96 735.88 735.80 735.72 735.66 735.61 735.56 735.52 735.60 735.69 735.77 736.19 736.75 737.31 737.94 738.87 739.80 740.73 741.73 742.77

320+00 320+50 321+00 321+50 322+00 322+50 323+00 323+50 324+00 324+50 325+00 325+50 326+00

STA. 320+00 to 326+00
EARTH EX. = 6156.9 CU.YDS.
EMB. = 1220.4 CU.YDS.
WASTE = 3397.3 CU.YDS.

PLAN: DATE | BY | SURVEYED | DRAWN | ALIGNMENT CHECKED | RT. OF W.Y. CHECKED | ADD'L FILE NAME | NOTE BOOK | NO.

PROFILE: DATE | BY | SURVEYED | DRAWN | GRADES CHECKED | SAN. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
c:\pw_work\pwidot\grantpm\d0184077\D212307sht-plnprf.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Thu Jun 23 08:57:39 2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 94
PLAN & PROFILE

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(19,20)RS-2	**	231	39
			CONTRACT NO. 64D72	
	ILLINOIS	FED. AID PROJECT		

* 221,213 & 220
** ROCK ISLAND & MERCER COUNTY