F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(12-BY-1)-1	JACKSON	67	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

•(12-1)B-1;D9 BSMART FY 10-1

PLAN — SURVEYED / PLOTTED / GRADES CHECKED / QUANTITIES CHECKED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / QUANTITIES CHECKED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

3/18/2003
c:\pw_work\pwidot\sheparogd\dms436461\d0956006d1.dgn
shepard
shepard.dgd

245+00.00, 180' LT

244+00.00, 150' LT

FLOW

EXISTING BRIDGE SN 039-0014
STA. 243+40.00
173'-11" BK. TO BK. ABUTS
30'-10" FACE TO FACE

℄ FAP 331 (IL 13 EB)

SEE MEDIAN DRAINAGE SHEET FOR
STATIONS AND OFFSETS.

EXIST. CURVE RT13
Δ = 59° 32' 00"
D = 0° 24' 00"
R = 14,323.97'
T = 8192.3'
L = 14,883.3'
E = 2177.3'

PROPOSED RIPRAP
CLASS A4 (TYP.)

EXISTING EDGE
OF PAVEMENT

EXISTING 24' HMA/PCC PAVMENT(TYP.)

EXISTING 9' HMA SHOULDER(TYP.)

EXISTING 5.5' HMA SHOULDER(TYP.)

STATION 241+57.0

STATION 247+23.0

10' (TYP.)

24' (TYP.)

6' (TYP.)

19' (TYP.)

130'

130'

1235+00

1240+00

1245+00

1250+00

5+00

1240+00

1245+00

1250+00

200'

45°

SEE MEDIAN DRAINAGE SHEET FOR
STATIONS AND OFFSETS.

EXISTING CONCRETE
SLOPEWALL TO REMAIN
IN PLACE (TYP.)

RIPRAP EXISTING SLOPE
UP TO EXISTING JOINT
BETWEEN BRIDGES.

℄ FAP 331 (IL 13 WB)

INSTALL RIPRAP BETWEEN EXISTING
W.B. BRIDGE CONCRETE SLOPEWALL TOES.

PROPOSED BRIDGE SN 039-0070
STA. 243+40.00
185'-00" BK. TO BK. ABUTS
40'-0" FACE TO FACE PARAPETS

50' 0 25' 50'

BENCH MARK " " CUT IN S.E. CORNER HEADWALL OF EAST BOUND
BRIDGE SN 039-0014 STA. 242+45 ELEVATION = 380.74

EXISTING PROFILE GRADE

PROPOSED SN 039-0070

PROPOSED LOW BEAM
ELEV. 377.303

PROPOSED PROFILE

0.0%

50 YR HW & 10 YR
BIG MUDDY TAIL WATER
ELEV 371.5

EXISTING SN 039-0014
LOW BEAM ELEV 378.1

10'

2:1

2:1

2:1

PROPOSED PROJECT BEGINS STA 242+11.83

VPT STA. 242+17.50 ELEV 381.299

BK EAST ABUT

53'-0"

79'-0"

53'-0"

185'-0"

MUD CREEK

VPT STA 244+67.00
ELEV 381.299

BK WEST ABUT

PROPOSED PROJECT ENDS STA 246+67.59

55'
TRANSITION
TO BUTT JOINT

2¾" MINIMUM
RESURFACING

2¾" MINIMUM
RESURFACING

55'
TRANSITION
TO BUTT JOINT

31' CHANNEL BOTTOM, FLOWLINE ELEV 347.1

	235+00	236+00	237+00	238+00	239+00	240+00	241+00	242+00	243+00	244+00	245+00	246+00	247+00	248+00	249+00	250+00
	389.13	388.47	387.81	387.13	386.44	385.78	385.12	384.47	383.81	383.19	382.56	382.16	381.75	381.43	381.10	381.05
																381.299
																380.91
																381.299
																380.88
																381.299
																380.90
																381.299
																381.03
																381.299
																381.18
																381.409
																381.46
																381.689
																381.74
																381.969
																382.08
																382.309
																382.42
																382.84
																383.25
																383.75
																384.24
																384.72
																385.20

PLAN AND PROFILE (IL RT 13 EASTBOUND/BRIDGE OVER MUD CREEK)