EXISTING ROW

EXISTING STRUCTURE NO. 091-0022
℄ STRUCTURE STA 801+60.00
40'-8" BK TO BK ABUTMENTS
45'-5" CLEAR WIDTH
48'-9" OUT TO OUT
37°-30' SKEW
REMOVE AND REPLACE SUPERSTRUCTURE

FAP 322 (US 51)

1.5" INLAY BEGINS
STATION 798+50.0

PROPOSED CONSTRUCTION LIMITS

EXISTING GUARDRAIL (TO BE REMOVED)

FULL-DEPTH CONNECTOR REPLACEMENT
BEGINS STATION 800+84.0

PROPOSED GUARDRAIL AND TERMINALS

FULL-DEPTH CONNECTOR REPLACEMENT
ENDS STATION 802+36.0

1.5" INLAY ENDS
STATION 804+50.0

120'

100'

US 51

12"

800+00

805+00

EXIST. 4" HMA SHOULDER
EXIST. 4" AGGREGATE SHOULDER

8"

EXIST. 4" HMA SHOULDER
EXIST. 4" AGGREGATE SHOULDER

PROPOSED GUARDRAIL AND TERMINALS

PI STA. = 816+33.80
Δ = 9° 57' 30" (LT)
D = 0° 15' 00"
R = 22,918.26'
T = 1,996.70'
L = 3,983.34'
E = 86.81'
P.C. STA. = 796+37.10
P.T. STA. = 836+20.44

EXISTING GUARDRAIL (TO BE REMOVED)

EXISTING GUARDRAIL (TO BE REMOVED)

PROPOSED CONSTRUCTION LIMITS

PROPOSED SUPERSTRUCTURE
REPLACEMENT ON STRUCTURE NO. 091-0022
℄ STRUCTURE STA 801+60.00
40'-8" BK TO BK ABUTMENTS
40-0" CLEAR WIDTH
43-2" OUT TO OUT
37°-30' SKEW

EXISTING ROW

EXISTING ROW

30' 0 15' 30'

•EXISTING APPROACHES AND CONNECTORS TO BE REMOVED AND REPLACED

PLAN
DATE
BY
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
CADD FILE NAME
NOTE BOOK
NO.

BM #9 - SQUARE CUT IN NORTHWEST WINGWALL OF EXISTING STRUCTURE NO 091-0022 - ELEV 492.51

EXISTING PROFILE ALONG ℄ OF PAVEMENT ON US 51

152.00' V.C.

VPC STA 800+84.00
ELEV 492.51

VPI STA 801+60.00
ELEV 491.79

VPT STA 802+36.00
ELEV 492.33

-0.95%

+0.71%

EXIST HW
ELEV 487.00
(50 YR)

EXIST. & PROP.
LOW BEAM ELEV
±489.12

FL ELEV
474.00

505 500 495 490 485 480 475 470 465

503.37 501.36 499.38 497.60 496.19 494.78 493.68 492.89 492.33 492.37 492.13 492.12 492.11 492.14 492.42 492.88 493.60 494.57 495.70 497.26 499.00 500.89

797+00 798+00 799+00 800+00 801+00 802+00 803+00 804+00 805+00 806+00

PROFILE
DATE
BY
SURVEYED
PLOTTED
GRADES CHECKED
REMARKS
NOTE BOOK
NO.
STRUCTURE NOTATIONS CHKD

6/18/2008
c:\projects\d902904\d902904pl.dgn
38.0000 / IN.
shepardgd

FILE NAME = c:\projects\d902904\d902904pl.dgn	USER NAME = shepardgd	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 38.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 6/18/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN/PROFILE STRUCTURE NO. 091-0022 OVER CACHE CREEK

SCALE: | SHEET NO. 13 OF 47 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	12-1,BR	UNION	47	13
		CONTRACT NO. 98886		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		