F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	67
STA. 8+00	TO STA. 22+77.35			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

P-92-029-02
CONTRACT #64799

PLN-18 OF 32

BEGIN SECTION
STA 8+00.00 ℄ HEINE ROAD

STA. 11+50
64' P CUL CL D 1 EQRS 48"
INV=758.76 E INV=758.42 W
2 EA END SEC EQV R-S 48"

BEGIN FENCE REMOVAL
STA. 11+12.55

12+82.20
43.00 LT

EXIST. ROW

HEINE ROAD

END FENCE REMOVAL
15+38.43

16+04.69
83.55 RT

3" HMA SURFACE COURSE, MIX "C", N50
6" AGGREGATE BASE COURSE, TYPE B

PROPOSED WESTERN TRIB. CULVERT (SN. 089-2018)
(FOR CULVERT PLANS SEE SHEETS 135 TO 139)

PECATONICA RIVER TRIBUTARY

PROP. BIKE PATH

PROP. ROW

PROP. BIKE PATH

FRONTAGE ROAD

13+00.00
60.00 RT

15+00.00
60.00 RT

BEGIN FENCE REMOVAL

MIKE A CRAWFORD

2" HMA SURFACE COURSE, MIX "D", N50
4" HMA BINDER COURSE, IL-19.0, N50
12" AGG. BASE COURSE, TYPE A
6" AGG. SHOULDER, TYPE A

17+00.00
70.00 RT

18+00.00
70.00 RT

PC Sta 16+93.17

PT Sta 18+30.69

HEINE ROAD Sta 22+77.35 =
FRONTAGE ROAD Sta 102+01.50

20+00.00
70.00 RT

21+57.64
70.18 RT

PROP. CURVE HC1
PI STA. = 14+90.69
Δ = 91° 38' 35" (RT)
D = 16° 08' 23"
R = 355.00'
T = 365.33'
L = 567.81'
E = 154.40'
e = 3.9%
T.R. = 27'
S.E. RUN = 71'
P.C. STA. = 11+25.36
P.T. STA. = 16+93.17

PROP. CURVE HC2
PI STA. = 19+70.18
Δ = 43° 27' 30" (LT)
D = 16° 22' 13"
R = 350.00'
T = 139.49'
L = 265.47'
E = 26.77'
e = 3.9%
T.R. = 27'
S.E. RUN = 71'
P.C. STA. = 18+30.69
P.T. STA. = 20+96.17

PAVEMENT REMOVAL
STA 19+05.00 HEINE ROAD
ROAD TO STA. 95+50 FRONTAGE ROAD

19+00.00
75.00 RT

19+54.05
70.84 RT

20+05.32
62.64 RT
20+00.00
75.00 RT

END FENCE REMOVAL

HEINE ROAD

FOR FRONTAGE ROAD
SEE SHEET PLN-19

PT Sta 20+96.17

FOR INTERSECTION DETAILS
SEE SHEET DT-02

SAW CUT

HOT MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT

PAVEMENT REMOVAL
STA 8+00 HEINE ROAD TO
STA 19+05 HEINE ROAD

BEGIN SECTION STA. 8+00.00
MATCH EXISTING

PROP. HEINE ROAD PGL

EXIST. GROUND PROFILE

SPECIAL LEFT DITCH GRADE
SPECIAL RIGHT DITCH GRADE

SPECIAL LEFT DITCH GRADE
SPECIAL RIGHT DITCH GRADE

SPECIAL RIGHT DITCH GRADE

MATCH EOP
STATION 22+75.35

HWE (50YR)

EXIST. GRADE ELEV.
PROP. PROFILE GRADE ELEV.

00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00
EXIST. GRADE ELEV.	765.69	765.06	764.62	764.57	764.72	764.87	765.02	765.17	765.32	765.39	765.32	765.17	765.02	764.87	764.72	764.64	764.72	764.88	765.0	765.18	765.3	765.4	765.6	765.8	765.8	765.8	765.6	765.5	765.3	765.2
PROP. PROFILE GRADE ELEV.	765.69	765.04	764.40	763.96	763.58	763.37	763.20	763.10	763.01	762.87	762.65	762.55	762.48	762.44	762.30	761.97	761.88	761.99	761.90	761.93	761.93	761.84	761.61	756.81	757.56	757.41	757.18	756.66	756.01	755.56

100FT (HORIZ.) 10FT (VERT.) 0 100FT (HORIZ.) 10FT (VERT.)
GRAPHIC SCALE IN FEET

PB PARSONS BRINCKERHOFF

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN AND PROFILE
HEINE ROAD

SCALE: VERT. 1"=50'
HORIZ. 1"=5'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM