F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	50
STA. 457+69	TO STA. 472+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

P-92-029-02
CONTRACT #64799

PLN-01 OF 32

MARIAN FLUEGEL

MARIAN FLUEGEL

8" HOT-MIX ASPHALT SHOULDER (FUTURE CONTRACT BY OTHERS)
13-3/4" BIT. CONCRETE PAVEMENT (FUTURE CONTRACT BY OTHERS)
8" AGGREGATE SHOULDER, TYPE B (FUTURE CONTRACT BY OTHERS)

SEE PLN-30 FOR FIELD TO FIELD ACCESS PLAN

POT Sta 55+96.28

POT Sta 457+69.59

FILL EXISTING CATTLE PASS (SEE S.P. FILLING EXISTING CULVERT)

℄ PROPOSED US 20

℄ PROP. US 20 CROSS OVER

460+00

60+00

US ROUTE 20 FREEPORT BYPASS

℄ EXISTING US 20

BEGIN SECTION
STA 466+11.08 ℄ US 20
STA 66+07.355 ℄ US 20 CROSS OVER

℄ PROP. US 20 CROSS OVER

465+00

65+00

EXISTING 10' BIT SHOULDER

EXISTING 24', 9" CRPCC W/ 4" STABILIZED SUB BASE

EXISTING 10' BIT SHOULDER

PC Sta 66+07.36

TO BE REMOVED
STA 468+00, 43' LT
EXISTING 15" RCP
LENGTH=70 FT, SKEW=90°
INV E=833.4 INV W=833.2

FIELD ENTRANCE TO BE REMOVED

LIMITS OF CONSTRUCTION

℄ PROP. US 20 CROSS OVER

PROP. CURVE C1010
PI STA. = 68+80.95
Δ = 8° 11' 35" (LT)
D = 1° 30' 00"
R = 3,820.00'
T = 273.59'
L = 546.25'
E = 9.78'
e = RC
P.C. STA. = 66+07.36
P.T. STA. = 71+53.61

GRADE TO DRAIN

PRC Sta 71+53.61

470+00

70+00

MATCH LINE STA. 472+00
SEE PLN-02

N

EXIST. ROW & A/C

STA 457+95.40
EXISTING
36" RCP
LENGTH=164 FT
SKEW=13.41° RT
INV=830.4 N
INV=836.5 S

STA 458+50
EXISTING
4 X 6 FT BOX (CATTLE PASS)
LENGTH=110 FT
SKEW=0°

MARIAN FLUEGEL

STA 465+00
EXISTING 48" RCP (TO REMAIN)
LENGTH=122 FT
SKEW=0°
INV=832.61 N
INV=834.82 S

LIMITS OF CONSTRUCTION

FIELD ENTRANCE TO BE REMOVED

MARIAN FLUEGEL

860
855
850
845
840
835
830
825
820

BEGIN SECTION STA. 466+11.08
MATCH EXISTING

EXIST. GROUND PROFILE

PROP. WB US20 PGL (FUTURE BY OTHERS)

EXIST. EB US20 PGL

EXIST. GROUND PROFILE

-0.49%

SPECIAL DITCH LT

+50+00 65' LT EL. 833.41

+50+00 60' LT EL. 833.62

EXIST. GRADE ELEV.

PROP. PROFILE GRADE ELEV.

+25.00 EL. 843.94

SSD = 1080'
ex = -4.88'
K = 877
1,850.00' V.C.

851.25 850.84 850.50 850.16 849.93 849.72 849.53 849.30 849.06 848.80 848.53 848.27 848.01 847.76 847.51 847.29 847.08 846.78 846.48 846.25

58+00 59+00 60+00 61+00 62+00 63+00 64+00 65+00

846.04 845.53 845.78 845.77 845.49 845.53 845.19 845.28 844.86 845.04 844.48 844.80 843.98 844.55 842.96 844.31 842.01 844.06 840.89 843.82 839.69 843.55 838.45 843.25 837.01 842.92

66+00 67+00 68+00 69+00 70+00 71+00 72+00

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
WESTBOUND U.S. ROUTE 20

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

DRAWN BY RMH
CHECKED BY DM