DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS		
INT.	DATE	NO.

CHECKS		
INT.	DATE	REASON

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	JASPER	546	32
STA. 710+00.00		TO STA. 725+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

*(5,6)Y,RS-2,6BR-7
CONTRACT NO. 94437

SCALE IN FEET 0 50 100

N

MATCH LINE STA. 710+00.00

MATCH LINE STA. 725+00.00

PLOT STA. 714+31.98

CULVERT NO. 1
STA. 714+32.70, LT
REMOVAL OF EXISTING STRUCTURES NO. 1 = ½ EACH
PRECAST CONCRETE BOX CULVERT 4' x 2' = 14 FOOT
BOX CULVERT END SECTION, CULVERT NO. 1 = 1 EACH
INV = 581.46
(SEE CONCRETE COLLAR DETAILS SHEET 237)
DESIGN FILL HEIGHT < 2'

STA. 714+32.70
4'X2' WITH FLARED
END SECTIONS
LEFT AND RIGHT
USFL = 581.37
DSFL = 580.77

5' AGGREGATE SHOULDERS, TYPE B 6" (TYP.)

3' HOT-MIX ASPHALT SHOULDERS, 6½" (TYP.)

PROPOSED ROW

OVERHEAD ELEC.

EXISTING ROW

℄ IL. RTE. 33

710+00 715+00 720+00

60' 50' 12 12 50' 12 12

ILLINOIS CENTRAL RAILROAD

EXISTING ROW

85'

8' HOT-MIX ASPHALT SHOULDER 8"
(SEE SHEET NO. 94-97 FOR STAGING)

EXISTING RR ROW

CULVERT NO. 1
STA. 714+32.70, RT.
REMOVAL OF EXISTING STRUCTURES NO. 1 = ½ EACH
PRECAST CONCRETE BOX CULVERT 4' x 2' = 14 FOOT
BOX CULVERT END SECTION, CULVERT NO. 1 = 1 EACH
INV = 580.70
(SEE CONCRETE COLLAR DETAILS SHEET 237)
DESIGN FILL HEIGHT < 2'

STA. 715+25, 71' RT.
TWIN PIPE CULVERTS,
CLASS A (JACKED) 24"
= 2 @ 40 FOOT
USFL = 580.59
DSFL = 580.54
TOP OF RAIL = 585.80
(MAINTAIN 3' SEPARATION)

STA. 714+97.7, 70.8' RT.
EXIST. 24" DUCTILE IRON PIPE
USFL = 581.39
DSFL = 582.25

GRADING AND SHAPING DITCHES
= 190 FOOT @ 0.13% SLOPE

STA. 715+74.3, 274.8' RT.
FL (SWALE) = 580.30

LEGEND

- PATCHING
- TRENCH BACKFILL
- CONSTRUCTION LIMITS
- TREE TO BE REMOVED
- HORIZONTAL CONTROL STATION

REVISION	DATE	BY

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
2121 SOUTH 6TH STREET
SPRINGFIELD, ILLINOIS 62703
PROFESSIONAL DESIGN FIRM NO. 184-000178
PROFESSIONAL & STRUCTURAL DRAFTING CORPORATION
(217) 753-8841, (217) 753-8237 (FILE-MAIL - code@greenebradford.com)

COMPUTER FILE NO.
PLAN2-2.DGN

PROJECT: 01256
2/26/10-FAV

MILL AND OVERLAY

SPECIAL DITCH, RT

SPECIAL DITCH, LT

PROPOSED PROFILE GRADE LINE

EXISTING PROFILE

STA. +30.00 LT.
ELEV. = 581.50

STA. +50.00 LT.
ELEV. = 581.50

STA. +30.00 RT.
ELEV. = 580.85

STA. +32.00 RT.
ELEV. = 580.70

STA. +25.00 RT.
ELEV. = 580.61

STA. +00.00 RT.
ELEV. = 582.25

STA. +00.00 LT.
ELEV. = 582.26

STA. +50.00 LT.
ELEV. = 580.00

STA. +00.00 RT.
ELEV. = 579.25

STA. +00.00 LT.
ELEV. = 578.50

-0.50% -0.30% +0.30% -0.10% +0.94% -0.64% -0.38% -0.33%

600 595 590 585 580 575 570 565 560

MATCH LINE STA. 710+00.00

MATCH LINE STA. 725+00.00

(EXISTING ELEV.) / (PROPOSED ELEV.)	710+00	711+00	712+00	713+00	714+00	715+00	716+00	717+00	718+00	719+00	720+00	721+00	722+00	723+00	724+00	725+00
(EXISTING ELEV.)	585.72	585.63	585.46	585.30	585.17	585.03	584.87	584.71	584.60	584.53	584.37	584.19	584.04	583.95	583.78	583.62
(PROPOSED ELEV.)	585.87	585.78	585.61	585.45	585.32	585.18	585.02	584.86	584.75	584.68	584.52	584.34	584.19	584.10	583.93	583.77

(EXISTING ELEV.) / (PROPOSED ELEV.)	583.50	583.42	583.25	583.11	582.97	582.84	582.77	582.72	582.73	582.73	582.73	582.70	582.70	582.75	582.76
(EXISTING ELEV.)	583.50	583.42	583.25	583.11	582.97	582.84	582.77	582.72	582.73	582.73	582.73	582.70	582.70	582.75	582.76
(PROPOSED ELEV.)	583.65	583.57	583.40	583.26	583.12	582.99	582.92	582.87	582.88	582.88	582.88	582.85	582.85	582.90	582.91

IDOTPP-50 - 1:50 8/07/00