DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS		
INT.	DATE NO.	REASON

CHECKS		
INT.	DATE	REASON

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	JASPER	546	91
STA. 148+00.00	TO STA. 152+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

CULVERT NO. 51
STA. 1153+22.34
2'X1.5' BOX WITH
24" RCP EXTENSION
USFL = 549.971
DSFL = 549.747
REMOVAL OF EXISTING
STRUCTURES NO. 13 = 1 EACH
TRENCH BACKFILL = 14 CU. YD.

CULVERT NO. 53
STA. 1153+53.48
15" RCP.
USFL = 549.975
DSFL = 549.915
PIPE CULVERT
REMOVAL = 33 FOOT
TRENCH BACKFILL = 9 CU. YD.

STA. 1154+05.30
18" CMP
USFL = 550.006
DSFL = 549.853

STA. 146+84.02
12" CMP
USFL = 550.026
DSFL = 549.967

STA. 146+88.95
12" CMP
USFL = 549.811
DSFL = 549.798

STA. 1154+54.69
24" CMP
USFL = 549.917
DSFL = 549.829

STA. 1154+05.30
24" IRON PIPE
USFL = 550.006
DSFL = 549.853

CULVERT NO. 52A
STA. 1153+55, 35' RT.
TWIN PIPE CULVERTS, CLASS A, TYPE 1
EQUIVALENT ROUND-SIZE 24" = 2@54 FOOT
PRC FLARED END SECTIONS EQUIVALENT
ROUND-SIZE 24" = 4 EACH
USFL = 549.78 (+93)
DSFL = 549.71 (+27)
DESIGN FILL HEIGHT < 2'
TRENCH BACKFILL = 11 CU. YD.

CULVERT NO. 50
STA. 1153+19.08
24" CMP
USFL = 549.50
DSFL = 549.34
PIPE CULVERT
REMOVAL = 43 FOOT
TRENCH BACKFILL = 8 CU. YD.

5' AGGREGATE SHOULDERS, TYPE B 6" (TYP.)
3' HOT-MIX ASPHALT SHOULDERS, 6½" (TYP.)

0 50 100
SCALE IN FEET

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

MATCH EXISTING
STA. 148+34.45

MATCH EXISTING
STA. 151+79.71

B.M. #19

STA. 1153+37.59 ℄ IL RTE. 33 =
STA. 150+00.00 ℄ T.R. 120

CULVERT NO. 54
STA. 1153+58.78
24" RCP. WITH
PRC. FES.
USFL = 549.81
DSFL = 549.35
PIPE CULVERT REMOVAL = 8 FOOT LEFT, 6 FOOT RIGHT
FILL EXISTING CULVERTS = 1 EACH
TRENCH BACKFILL = 5 CU. YD.

CULVERT NO. 52B
STA. 1153+55, 35' LT.
TWIN PIPE CULVERTS, CLASS A, TYPE 1
EQUIVALENT ROUND-SIZE 24" = 2@66 FOOT
PRC FLARED END SECTIONS EQUIVALENT
ROUND-SIZE 24" = 4 EACH
USFL = 549.79 (+48)
DSFL = 549.71 (+70)
DESIGN FILL HEIGHT < 2'
TRENCH BACKFILL = 9 CU. YD.

B.M. #19 : STA. 1154+30, 96' RT.
SURVEY MONUMENT
ELEV. 551.78

REVISION	DATE	BY

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CIVIL & STRUCTURAL ENGINEERS
3600 CONSTITUTION DRIVE
SPRINGFIELD, ILLINOIS 62707
PROFESSIONAL DESIGN FIRM NO. 184-001478
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
(217) 787-6644, (217) 787-5227 FT. EMAIL - contact@greenebradford.com

COMPUTER FILE NO.
PLAN27-3.DGN
PROJECT: 01256
2/26/10-FAV

VPI STA. 149+18.48
ELEVATION 554.10
VPI STA. 149+15.48
ELEVATION 554.10
℄ RAILROAD TRACKS
VPI STA. 149+12.48
ELEVATION 554.10
60.00' V.C.
X = 0.57'
K = 8
VPI STA. 148+34.44
ELEVATION 555.35
VPI STA. 149+52.03
ELEVATION 552.24
VPI STA. 149+82.03
ELEVATION 552.84
VPI STA. 150+00.00
ELEVATION 553.09
℄ IL RTE. 33
VPI STA. 150+14.43
ELEVATION 552.90
PROP. EOP
VPC STA. 150+70.00
ELEVATION 552.32
100.00' V.C.
X = 0.11'
K = 115
VPI STA. 151+20.00
ELEVATION 551.80
VPT STA. 151+70.00
ELEVATION 551.72
-1.60%
-6.54%
+2.00%
+1.00%
-1.04%
-0.93%
-0.17%
-1.13%
PROPOSED PROFILE GRADE LINE
EXISTING PROFILE

STA. +00.00 LT.
ELEV. = 550.00
STA. +25.00 LT.
ELEV. = 550.25
VPC STA. 149+22.03
ELEVATION 553.90
STA. +75.00 LT.
ELEV. = 590.50
STA. +75.00 RT.
ELEV. = 550.50
STA. +50.00 RT.
ELEV. = 549.65
STA. +50.00 LT.
ELEV. = 549.80
VPT STA. 151+79.71
ELEVATION 551.70

| | | |