F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6194	(109)R, RS-4	KANKAKEE	82	26
STA.	TO STA.			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

66402

50 0 50 100
SCALE IN FEET

LEGEND
- EXISTING R.O.W.
- PROPOSED R.O.W.
- TEMPORARY EASEMENT
- FLOW ARROW

PI STA. = 100+41.18
Δ = 48° 29' 53" (LT)
D = 4° 46' 29"
R = 1,200.00'
T = 540.54'
L = 1,015.74'
E = 116.12'
e = 5.9%
T.R. = 39'
S.E. RUNOFF = 151'
P.C. STA. = 95+00.64
P.T. STA. = 105+16.38

MATCHLINE STA. 89+00

MATCH LINE STA. 101+50

ILLINOIS ROUTE 113

¢ EXISTING ILL. ROUTE 113

PROPOSED 5' AGG. SHOULDER
PROPOSED 3' BIT. SHOULDER
PROPOSED EDGE OF PAVMENT

STA. 91+25, 31.0' LT
CONC. HEADWALL FOR PIPE DRAINS
PIPE UNDERDRAINS 4" (SPECIAL)
15 LIN FT

PIPE UNDERDRAINS 4"
275 LIN FT

PIPE UNDERDRAINS 4" (SPECIAL)
15 LIN FT

STA. 91+25, 31.0' RT
CONC. HEADWALL FOR PIPE DRAINS

STA. 94+41, 48.0' LT
BOX CULVERT END SECTION
INV. = 626.00

STA. 94+00, 31.0' LT
CONC. HEADWALL FOR PIPE DRAINS
PIPE UNDERDRAINS 4" (SPECIAL)
15 LIN FT

PIPE UNDERDRAINS 4"
275 LIN FT

PC Sta 95+00.64

STA. 93+50.00,
62.50' RT

PIPE UNDERDRAINS 4" (SPECIAL)
15 LIN FT

STA. 94+00, 32.0' RT
CONC. HEADWALL FOR PIPE DRAINS

STA. 95+00.64,
65.00' RT

STA. 94+41
PRECAST CONCRETE BOX CULVERT, 6' X 3'
100' @ 0.75% - DESIGN FILL HEIGHT = 4.66' (M259)

STA. 94+41, 52.0' RT
BOX CULVERT END SECTION
INV. = 625.25

SEE DRAINAGE CHANNEL PLAN AND PROFILE FOR GRADING DOWNSTREAM OF THE PROPOSED CULVERT.

STA. 100+76.2, 63.2' RT
EX. ROCK - TEST HOLE
ELEV. = 624.58

STA. 99+78.1, 101.2' RT
EX. ROCK - TEST HOLE
ELEV. = 628.01

STA. 99+20.00
222.03' RT

STA. 99+00.00,
212.56' RT

F.E. +92

NOTE:
TREES HAVE BEEN OMITTED FOR CLARITY. SEE TREE REMOVAL PLANS FOR TREE LOCATIONS.

B.M. #18
STA. 91+17.92, 281.49' RT
R.R. SPIKE IN POWER POLE
ELEV. = 629.15

B.M. #19
STA. 94+51.47, 408.24' RT
CHISELED "□" IN WEST HEADWALL OF BOX CULVERT
ELEV. = 612.73

B.M. #20
STA. 97+52.03, 322.07' RT
60D NAIL CORNER FENCE POST
ELEV. = 621.12

B.M. #21
STA. 101+18.69, 36.68' RT
R.R. SPIKE IN POWER POLE
ELEV. = 632.27

MATCHLINE STA. 89+00

MATCHLINE STA. 101+50

-1.00%
-0.55%
-1.00%
-2.13%
-2.10%
+0.46%
-0.871%
+0.265%
+0.46%

TOP OF EXISTING ROCK

PI STA. 92+50
ELEV. 630.40 (RT)

PI STA. 93+00
ELEV. 629.00 (LT)

PI STA. 94+41
ELEV. 625.25 (RT)

PI STA. 94+41
ELEV. 626.00 (LT)

PROPOSED RIGHT DITCH PROFILE

PROPOSED LEFT DITCH PROFILE

VPI STA. 98+00.00
ELEV. = 630.31
L = 600.00'
E = 0.85'

STA. 100+76.2
EX. ROCK
ELEV. = 624.58

STA. 99+78.1
EX. ROCK
ELEV. = 628.01

PI STA. 101+00
ELEV. 628.27 (RT)

650 645 640 635 630 625 620 615 610 605

| | | |