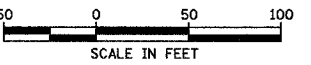


PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

4/7/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	69
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 83906	



30 LIN FT ADJUSTING WATERMAIN 8"
STA. 232+88 LT
(SEE DETAILS AND SPECIAL PROVISION)

STA. 232+50, 54' LT
MH TA 5'-DIA., TY8 GRATE
RIM = 735.80
INV. = 732.60

45 LIN FT
PIPE UNDERDRAINS 4"

SAVANNAH DRIVE

143 LIN FT SS-WM
24" @ 0.40%
STA. 234+00, 62' LT
PRC FES 24"
INV. = 732.00

STA. 234+75, 56' LT
CONC. HEADWALL
FOR PIPE DRAINS

52.5 LIN FT
PIPE UNDERDRAINS 4"

41 LIN FT
PIPE UNDERDRAINS 4"

STA. 237+00, 44.5' LT
CONC. HEADWALL
FOR PIPE DRAINS

STA. 237+18, 48' LT
PRC FES 24"
INV. = 730.09

PIPE CULVERTS 24"
CLASS A, TYPE 1
23 LIN FT @ 0.77%

STA. 237+53, 46' LT
PRC FES 24"
INV. = 729.81

INDIAN CREEK

EXISTING R.O.W.

MATCHLINE STA. 232+00

34.5 LIN FT
PIPE UNDERDRAINS 4"

STA. 234+25, 38' RT
CONC. HEADWALL
FOR PIPE DRAINS

30.5 LIN FT
PIPE UNDERDRAINS 4"

STA. 237+25, 34' RT
CONC. HEADWALL
FOR PIPE DRAINS

EXISTING R.O.W.

ILLINOIS ROUTE 56 (BUTTERFIELD ROAD)

STA. 232+75, 73' RT
PRC FES EQ-RS 30"
INV. = 732.58
PIPE CULVERTS 30" EQ-RS
CLASS A, TYPE 1
91 LIN FT @ 0.50%

STA. 233+75, 49' RT
PRC FES EQ-RS 30"
INV. = 732.08

NOTES:

- SEE GRADING PLAN FOR DETENTION AREA: STA. 228+00 RT TO STA. 232+75 RT.
- SEE GRADING PLAN FOR SEDIMENTATION BASIN: STA. 232+00 RT TO STA. 232+70 RT.
- STATIONS AND CENTERLINE OFFSETS FOR STORM SEWER STRUCTURES WITHIN THE CURB ARE TO THE EDGE OF PAVEMENT (OTHERWISE CENTER OF STRUCTURE).

VPI STA. = 236+00
ELEV. = 734.69
L = 200.00'
E = 0.17'

EXISTING CENTERLINE PROFILE
PROPOSED PROFILE GRADE LINE

MATCHLINE STA. 232+00

PROPOSED LEFT
DITCH PROFILE

-0.50%

-0.50%

-1.12%

-0.30%

-0.50%

-0.42%

-0.77%

734.03
+55

MATCH EXISTING
DITCH, 729.65 (LT)
MATCH EXISTING
DITCH, 730.90 (RT)

143 LIN FT SS-WM
24" @ 0.40%
WATER MAIN LOWERING

PI STA. 232+50
ELEV. 735.80 (LT)

PI STA. 234+00
ELEV. 731.95 (RT)

PI STA. 234+00
ELEV. 732.00 (LT)

PROPOSED LEFT
DITCH PROFILE
PROPOSED RIGHT
DITCH PROFILE

PI STA. 236+00
ELEV. 731.00 (LT)

232+00 233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00 241+00

ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) STA. 232+00.00 TO STA. 237+55.00 - DRAINAGE PLAN & PROFILE