ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 2904	97-00089-00-RS	WILLIAMSON	86	22
ILLINOIS		LAKE OF EGYPT ROAD		

CONTRACT NO. 99199

SCALE: 1" = 50'

STA 197+14
SKEWED 30° R.A.
P CUL 2 RCCP 24
78 FOOT
PRC FLAR END SEC 24
2 EACH
USIE 550.64
DSIE 546.50

STA 197+14
SKEWED 30° R.A.
PIPE CULVERT REMOVAL
24" R.C.C.P., 29 FOOT
U.S.I.E. 550.14
D.S.I.E. 548.90

STA 198+90.41
45' LT

PROPOSED ROW

EXISTING ROW

CURVE 9

EXISTING ROW

PROPOSED ROW

STA 197+60.00
35' RT

STA 197+60.00
60' RT

199+46.82
35' RT

PT STA = 199+46.82

STA 200+50.63
91.73' RT

STA 200+19.48
70.30' LT

STA 200+22.42
55' LT

STA 200+39.72
35' RT

CONSTRUCTION LIMITS

STA 202+35.84
55' RT

STA 202+55
SKEWED 28° R.A.
PIPE CULVERT REMOVAL
24" C.M.P., 47 L.F.
U.S.I.E. 537.15
D.S.I.E. 535.52

PC STA = 202+29.18

202+29.18
55' LT

STA 202+55
SKEWED 28° R.A.
P CUL 2 RCCP 24
66 FOOT
PRC FLAR END SEC 24
2 EACH
USIE 537.66
DSIE 534.98

CONSTRUCTION LIMITS

200+00

205+00

CURVE 10

℄ LAKE OF EGYPT ROAD

+61

+90

10' CONSTRUCTION AND DRAINAGE EASEMENT

P.I. STATION 205+68.79
CURVE NO. 10 DATA
Δ = 11°05'04"
Da = 01°38'13"
Dc = 01°38'13"
T = 339.61
R = 3500.00
L = 677.11
C = 676.05
E = 16.44
M = 16.36
PROP. SE = 0.032 FT/FT
ATTAIN : STA 200+88.19 TO STA 202+73.19
REMOVE : STA 208+62.30 TO STA 210+57.30

STA 204+62
SKEWED 15° R.A.
P CUL 2 RCCP 24
76 FOOT
PRC FLAR END SEC 24
2 EACH
USIE 531.65
DSIE 525.63

STA 204+62
SKEWED 15° R.A.
PIPE CULVERT REMOVAL
24" R.C.C.P., 39 FOOT
U.S.I.E. 530.38
D.S.I.E. 527.77

CLASS SI CONCRETE
(OUTLET) ~ 3.35 CU YD

STA 206+00
55' RT

STA 206+00
85' RT

CONSTRUCTION EASEMENT

PIPE CULVERT
REMOVAL
12" RCCP 22 FOOT

STA. 207+08.55
55' LT

STA. 207+09.69
35' LT

PEL
208+00
ASPHALT

+85

+35.5

STA 207+39
PIPE CULVERT REMOVAL
30" C.M.P., 38 FOOT
U.S.I.E. 535.79
D.S.I.E. 530.79

STA. 208+50

REBUILT ROAD SECTION

CONSTRUCTION EASEMENT

209+06.29
35' LT

PT STA = 209+06.29

PEL
210+00
ASPHALT

+30

+14.20

+21.80

CONCRETE CURB TYPE A
~ 400 FOOT
STA 207+00 TO 211+00

MAILBOX TURNOUT, 210+48
TYPE C

PROPOSED ROW

EXISTING ROW

210+00

EXISTING ROW

PROPOSED ROW

STA 208+00
50' RT

STA 208+00
85' RT

STA 209+06.29
40' RT

STA 209+06.29
50' RT

+80

+60

STA 210+75
40' RT

STA 210+75
50' RT

EXISTING OIL AND CHIP & GRANULAR BASE COURSE TO BE REMOVED
(245 TONS; REMOVAL & STOCKPILING TO BE PAID FOR AS EARTH EXCAVATION.)

CURVE NO. 9 DATA
Δ = ~~10°16'11"~~
Da = 01°38'13"
Dc = 01°38'13"
T = 314.51
R = 3500.00
L = 627.34
C = 626.50
E = 14.10
M = 14.05
PROP. SE = 0.032 FT/FT
ATTAIN : STA 191+68.50 TO STA 193+65.50
REMOVE : STA 199+02.83 TO STA 200+87.83

BENCH MARK
CONTROL POINT No. 42 (1/2" REBAR)
N 347403.91, E 829384.34
STA. 198+33.40, 13.41' LT.
ELEV. 556.43

TREE REMOVAL SCHEDULE		
STATION	6"–15"	OVER 15"
197+14 LT		18
198+59 LT	13	
199+93 RT		29
199+96 RT	14	
200+06 LT	12	
200+60 LT	7	
201+40 LT		42
202+25 LT		24
202+29 LT	8	
203+05 LT	10	
203+13 LT	10	
203+45 LT		17
204+69 LT	6	

TREE REMOVAL SCHEDULE		
STATION	6"–15"	OVER 15"
200+06 RT	11	
202+29 LT	6	
204+85 LT	10	
205+45 LT		17
205+84 RT		22
206+17 RT		17
206+40 RT	14	
206+54 RT	6	
206+57 LT	14	
206+61 LT	11	
207+12 LT		28
TOTALS	160	214

STORM SEWER SCHEDULE (PROPOSED)						
STRUCT. No.	STRUCTURE	T.C.	INVERT ELEVATIONS	% OF SLOPE	30" R.C.C.P.	TRENCH BACKFILL
4	PRC FES	N/A	527.57	9.13	76	31 CY
5	INL SPL 1	539.5	534.51	14.0	4	
6	PRC FES	N/A	535.07			

SEE SHEET 46 FOR DETAIL OF INLETS SPECIAL, NO. 1

STA 197+14
SKEWED 30° R.A.
PIPE CULVERT REMOVAL
24" R.C.C.P., 29 FOOT
U.S.I.E. 550.14
D.S.I.E. 548.90
P CUL 2 RCCP 18
78 FOOT
PRC FLAR END SEC 18
2 EACH
USIE 550.64
DSIE 546.50

STA 202+55
SKEWED 28° R.A.
PIPE CULVERT REMOVAL
24" C.M.P., 47 L.F.
U.S.I.E. 537.15
D.S.I.E. 535.52
P CUL 2 RCCP 18
66 FOOT
PRC FLAR END SEC 18
2 EACH
USIE 537.66
DSIE 534.98

℄ PROFILE OF PROPOSED IMPROVEMENT

STA 204+62
SKEWED 15° R.A.
PIPE CULVERT REMOVAL
24" R.C.C.P., 39 FOOT
U.S.I.E. 530.38
D.S.I.E. 527.77
P CUL 2 RCCP 18
76 FOOT
PRC FLAR END SEC 18
2 EACH
USIE 531.65
DSIE 525.63

STA. 208+50

400' VERTICAL CURVE
(REBUILT ROAD SECTION)

5.02%

2.68%

℄ PROFILE OF EXISTING GROUND

STA 207+39
PIPE CULVERT REMOVAL
30" C.M.P., 38 FOOT
U.S.I.E. 535.79
D.S.I.E. 530.79
P CUL 2 RCCP 18
82 FOOT
PRC FLAR END SEC 18
2 EACH
USIE 535.07
DSIE 527.57

HIGH POINT:
STA. 211+10.78
ELEV.

SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

	580	570	560	550	540	530	520	510	500	490
196+00										560.29 559.8
197+00										556.33 555.9
198+00										556.68 556.2
199+00										557.59 557.1
200+00										554.37 553.9
201+00										549.86 549.4
202+00										545.01 544.5
203+00										540.97 540.5
204+00										537.10 536.6
205+00										535.97 535.5
206+00										536.34 535.9
207+00										538.08 537.6
208+00										542.40 541.9
+50										546.45 P.C.
+75										547.65 (547.71)
209+00										548.72 (548.96)
+25										549.68 (550.22)
+50										550.51 (551.48)
+75										551.23 (552.73)
210+00										551.82 (553.99)
+25										552.30 (555.24)
+50										552.65 (556.50) P.I.
+75										552.88 (555.83)
211+00										553.00 (555.16)

LAKE OF EGYPT ROAD IMPROVEMENTS – PLAN AND PROFILE – STA 195+50 TO STA 211+00

PROJECT No. 00044
SHT. 22 OF 86

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