F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-16	MADISON	662	60
STA. 9+00	TO STA. 24+00			
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 76311

PLAN

BY	DATE
KWD	5/98
KWD	5/98
ALIGNMENT, CHECKED	7/98
GRADES, CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS CHKD	

SURVEYED
DRAWN
NOTE BOOK
NO. ____
CADD FILE NAME LOCKED

PROFILE

BY	DATE

SURVEYED
DRAWN
NOTE BOOK
NO. ____

LAGEMANN RD
PI STA. = 16+23.15
Δ = 26° 48' 44" (LT)
D = 7° 09' 43"
R = 800.00'
T = 190.68'
L = 374.37'
E = 22.41'
P.C. STA. = 14+32.48
P.T. STA. = 18+06.84
S.E. RATE= 8.0%
S.E. ATTAINED
Sta. 12+82.15 TO Sta. 14+91.15
Sta. 17+59.74 TO Sta. 19+35.74

PROP. CURVE PE (LT)
PI STA. = 47+89.81
Δ = 68° 21' 19" (LT)
D = 229° 10' 59"
R = 25.00'
T = 16.98'
L = 29.83'
E = 5.22'
P.C. STA. = 47+72.84
P.T. STA. = 48+02.66

PROP. CURVE PE (LT)
PI STA. = 49+33.38
Δ = 69° 16' 32" (RT)
D = 88° 08' 50"
R = 65.00'
T = 44.90'
L = 78.59'
E = 14.00'
P.C. STA. = 48+88.47
P.T. STA. = 49+67.06

LAGEMANN RD
PI STA. = 21+68.22
Δ = 7° 54' 01" (RT)
D = 2° 36' 16"
R = 2,200.00'
T = 151.91'
L = 303.35'
E = 5.24'
P.C. STA. = 20+16.31
P.T. STA. = 23+19.66
S.E. RATE 4.8%
S.E. ATTAINED
Sta. 19+35.74 TO Sta. 20+45.74
Sta. 22+82.99 TO Sta. 24+25.99

PROP. CURVE PE (RT)
PI STA. = 52+73.76
Δ = 83° 19' 21" (LT)
D = 229° 10' 59"
R = 25.00'
T = 22.24'
L = 36.36'
E = 8.46'
P.C. STA. = 52+51.51
P.T. STA. = 52+87.87

PROP. CURVE PE (RT)
PI STA. = 50+86.46
Δ = 80° 38' 03" (RT)
D = 229° 10' 59"
R = 25.00'
T = 21.21'
L = 35.18'
E = 7.79'
P.C. STA. = 50+65.25
P.T. STA. = 51+00.43

2CC
70'-215'
22' o/s

BEGIN CONSTRUCTION
STA 10+50.69

END CONSTRUCTION
STA 24+00.00

STA. 170+40 (F.A.P. RTE 310)
STA. 10+00 (LAGEMANN RD.)

LAGEMANN ROAD

CULVERT NO. 24
STA 10+92, SKEW 9° LT
70 LF 30", CL A, TY 1
PIPE CULVERT
CLASS A, TYPE 1
2-PRC FES 30"
USFL EL 533.50
DSFL EL 533.10

STA 3+09; SKEW 12°30' LT
32 LF 12"
PIPE CULVERT
CLASS D, TYPE 1
USFL EL 550.35
DSFL EL 549.70
WITH MITERED ENDS

STA 1+07
32 LF 12"
PIPE CULVERT
CLASS D, TYPE 1
US FL EL 553.90
DS FL EL 553.25
WITH MITERED ENDS

STA 16+50
36 LF 12"
PIPE CULVERT
CLASS D, TYPE 1
WITH MITERED ENDS

STA 16+50
36 LF 12"
PIPE CULVERT
CLASS D, TYPE 1
WITH MITERED ENDS

CULVERT NO. 25
STA 19+20.13,
SKEW 0.6° LT
36 LF 24"
PIPE CULVERT
CLASS A, TYPE 1
USFL EL 554.44
USFL EL 554.37
2-24" END SECT

STA 0+25
42 LF 12"
PIPE CULVERT
CLASS D, TYPE 1
WITH MITERED ENDS

STA 21+36.77
78 LF 12"
PIPE CULVERT
CLASS D, TYPE 1
WITH MITERED ENDS

STA 22+50
36 LF 12"
PIPE CULVERT
CLASS D, TYPE 1
WITH MITERED ENDS

STA 23+90.76
42 LF 12"
PIPE CULVERT
CLASS D, TYPE 1
WITH MITERED ENDS

36 SY RIPRAP
CLASS A-4
(8'x40')

36 SY RIPRAP
CLASS A-4
(8'x40')

END CONST
STA 3+53

END CONST
STA 47+72

END A/C
STA 15+87 LT

END A/C
STA 14+55 RT

END CONST
STA 53+00

WILLIAM J.GROSS
et ux.

LINDA MATSCHE

KENNETH R.
WINDMILLER
et ux.

BUILDING
REMOVAL

TREE REMOVAL
0.13 ACRE

DRIVEWAY PAVEMENT
REMOVAL

DRIVEWAY
PAVEMENT
REMOVAL

4' EARTH SHLD

TEMP EASE

PROP ROW & A/C

CONST. LIMITS

PROP ROW

20'R
TYP

GRAPHIC SCALE
50' 25' 0' 50'

PROFILE

BY	DATE

SURVEYED
DRAWN
NOTE BOOK
NO. ____

M = 2.57'
400.00' V.C.

M = 9.27'
900.00' V.C.

VPI STA. 10+50.69
ELEVATION 536.24

VPI STA. 13+00.00
ELEVATION 536.87

VPI STA. 19+50.00
ELEVATION 567.03

BEGIN CONST
STA 10+50.69
EL 538.14

END CONST
STA 24+00.00
EL 550.84

-0.51%
0.30%
0.62%
1.10%
1.74%
+4.64%
-3.60%
-1.42%
-2.02%
-2.72%
-3.42%
-3.58%
+5.32%

+00 DITCH LT
EL 535.24

+50 DITCH LT
EL 535.39

+00 DITCH LT
EL 535.70

+50 DITCH LT
EL 536.25

+00 DITCH LT
EL 537.12

+00 DITCH RT
EL 533.30

+00 DITCH RT
EL 534.70

+00 DITCH LT
EL 547.14

+50 DITCH LT
EL 551.79

+50 DITCH LT
EL 555.26

+00 DITCH LT
EL 554.55

+50 DITCH LT
EL 553.54

+00 DITCH LT
EL 552.18

+50 DITCH LT
EL 550.47

+00 DITCH LT
EL 548.68

PROP 30" PIPE CULVERT

SPECIAL DITCH RT
@ 1.4%

SPECIAL DITCH LT @ 3.10%

LAGEMANN ROAD
PROP PROFILE

PROP. 24" CMP

EXIST. 24" CMP

HORIZ GRAPHIC SCALE
50' 25' 0' 50'

VERT GRAPHIC SCALE
5' 2.5' 0' 5'

LAGEMANN ROAD

9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00
537.28	546.34 / 538.10	551.49 / 537.89	554.26 / 537.80	556.41 / 538.02	557.17 / 538.57	558.78 / 539.44	556.33 / 540.64	558.75 / 542.15	560.25 / 543.99	561.48 / 546.15	561.29 / 548.36	560.30 / 550.33	559.85 / 552.08	559.39 / 553.60	558.64 / 554.89	557.57 / 555.95	556.77 / 556.78	556.58 / 557.39	556.53 / 557.76	557.25 / 557.91	557.01 / 557.82	558.48 / 557.51	558.53 / 556.97	558.00 / 556.20	556.68 / 555.20	554.62 / 553.97	552.64 / 552.52	550.84 / 550.84

REVISION 12/04/2009 (BLA)

STA 9+00 TO STA 24+00