CONTRACT No. 98994

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9718	(X1-6-2)HBK	WILLIAMSON	272	64
STA. 40+00	TO STA. 42+07.03			
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		

NOTE:
CONSTRUCTION OF STORM SEWER TO BE COMPLETED PRIOR TO CURB & GUTTER PLACEMENT BY OTHERS CONTRACTOR SHALL COORDINATE WITH CONTRACTOR FOR ADJACENT SECTION.

STA. 41+00 20.00' LT
GRATE INLET, TYPE B, 3' DIA.
TYPE 24 FRAME AND GRATE
TOS = 472.13
INV. = 468.53

STA. 41+00 20.00' RT
GRATE INLET, TYPE B, 3' DIA.
TYPE 24 FRAME AND GRATE
TOS = 472.13
INV. = 469.53

PROJECT ENDS STA 42+07.03

BY OTHERS

PC Sta 42+32.62

STA. 42+90.00 22.47' LT
EXIST. INL
TOS = 465.73
INV. = 463.06

STA. 42+90.00 19.72' RT
EXIST. INL
TOS = 465.77
INV. = 463.79

STA. 44+50.00 30.00' LT
EXIST. INL
TOS = 463.02
INV. = 460.50

PT Sta 44+35.11

STA. 45+80.00 28.79' LT
EXIST. INL
TOS = 461.54
INV. = 456.45

LIMITS OF CONSTRUCTION

MATCHLINE STA 40+00

12" R.C.C.P. - 250.5 L.F. @ 5.15%

12" R.C.C.P. - 40 L.F. @ 0.50%

12" R.C.C.P. - 189.5 L.F. @ 2.89%

EXISTING ROW

41+00

42+00

43+00

44+00

EXIST. 12" R.C.C.P. - 46 L.F. @ 0.50%

EXIST. 15" R.C.C.P. - 152 L.F. @ 1.52%

EXIST. 12" R.C.C.P. - 56 L.F. @ 0.50%

EXIST. 18" R.C.C.P. - 126 L.F. @ 1.43%

EXISTING ROW

EXIST. 48" R.C.C.P. - 34 L.F. @ 0.82%

PROP. ROW

EXISTING 12" PIPE CULVERT (TO BE REMOVED)

AC

LIMITS OF CONSTRUCTION

367-824
LARRY & DOROTHEY
EUBANKS

STA. 44+50 19.00' RT
EXIST. INL
TOS = 463.20
INV. = 461.29

STA. 45+80 19.00' RT
EXIST. INL
TOS = 461.69
INV. = 456.01

0' 20' 40'
SCALE 1" = 20'

LEFT SIDE

PROPOSED GRADE
EXIST. GRADE

+52.03 EL. 474.74

12" R.C.C.P., CLASS A, TYPE-1
189.5 LF @ 2.89% SLOPE
INV. (S) = 469.33
INV. (E&W) = 468.53

-4.88%
-1.47%

BY OTHERS

STA 42+07.03
+62.03 EL. 464.89
VPI STA. 42+07.03
ELEVATION 467.18

INV. (S) = 463.56
INV. (W&E) = 463.06

EXISTING 15" R.C.C.P. 152 LF @ 1.52% SLOPE

EXISTING 18" R.C.C.P. 126 LF @ 1.43% SLOPE

INV. (W) = 460.75
INV. (S) = 461.01
INV. (E) = 460.50

+25.00 EL. 462.49

K = 38
100.00' V.C.

VPI STA. 45+75.00
ELEV= 461.75

-1.47%
+1.18%

INV. (W) = 458.70
INV. (S) = 456.46
INV. (W) = 457.70

40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00	44+50	45+00	45+50	46+00
474.10 / 477.28	473.57 / 476.06	473.14 / 474.84	473.40 / 473.65	472.88 / 472.53	472.46 / 471.47	470.94 / 470.49	469.64 / 469.57	468.78 / 468.72	467.99 / 467.94	466.88 / 467.23	466.22 / 466.59	465.60 / 466.02	466.01 / 465.51	464.60 / 465.08	464.18 / 464.70	463.83 / 464.33	463.79 / 463.96	463.77 / 463.59	463.45 / 463.22	463.45 / 462.86	463.12 / 462.49	461.99 / 462.20	459.86 / 462.08	462.50 / 462.13

RIGHT SIDE

PROPOSED GRADE
EXIST. GRADE

+52.03 EL. 474.74

12" R.C.C.P., CLASS A, TYPE-1
40 LF @ 0.50% SLOPE
INV. = 469.53

-4.88%
-1.47%

BY OTHERS

STA 42+07.03
+62.03 EL. 464.89
VPI STA. 42+07.03
ELEVATION 467.18

EXISTING 12" R.C.C.P. 46 LF @ 0.50% SLOPE
INV. = 463.79

EXISTING 12" R.C.C.P. 56 LF @ 0.50% SLOPE
INV. = 461.29

+25.00 EL. 462.49

K = 38
100.00' V.C.

VPI STA. 45+75.00
ELEV= 461.75

-1.47%
+1.18%

EXISTING 48" R.C.C.P. 34 LF @ 0.82% SLOPE
INV. = 456.01

40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00	44+50	45+00	45+50	46+00
474.10 / 477.28	473.57 / 476.06	473.14 / 474.84	473.40 / 473.65	472.88 / 472.53	472.46 / 471.47	470.94 / 470.49	469.64 / 469.57	468.78 / 468.72	467.99 / 467.94	466.88 / 467.23	466.22 / 466.59	465.60 / 466.02	466.01 / 465.51	464.60 / 465.08	464.18 / 464.70	463.83 / 464.33	463.79 / 463.96	463.77 / 463.59	463.45 / 463.22	463.45 / 462.86	463.12 / 462.49	461.99 / 462.20	459.86 / 462.08	462.50 / 462.13

PLAN — STORM SEWER / SURFACE ALIGNMENT CHECKED / GRADES CHECKED / NOTE BOOK / NO. / STRUCTURE NO. / CADD FILE NAME / BY / DATE

PROFILE — STORM SEWER / SURFACE ALIGNMENT CHECKED / GRADES CHECKED / NOTE BOOK / NO. / STRUCTURE NO. / HOR'NS CHKD

PLOT DATE = 3/21/2007
FILE NAME = P:\84682B\cgn\84682Bmrgsse01.dgn
PLOT SCALE = 20.0000 '/ IN.
PLOT STYLE = dhoerner
USER NAME =

MORGAN AVENUE PROPOSED DRAINAGE PLAN & PROFILE STA 40+00 TO 42+07.03