F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8419	99-00048-01-PV	FAYETTE	142	55
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 95500

SCALE IN FEET
0 20 40

REMOVING CATCH BASINS, 1 EACH

R D INLET TY B, TY 3V F&G
STA 507+17, 27.66' LT
GRATE EL 503.87
PIPE INV EL (S,N) 500.81

S S, CL. A, TY 1, 12"
13 FT

INLETS, TY A, TY 3V F&G
STA 507+02, 27.69' LT
GRATE EL 504.20
PIPE INV EL 501.20

R D INLET TY B, TY 3 F&G
STA 507+50, 27.58' LT
GRATE EL 503.70
PIPE INV EL (S,N) 499.83

S S, CL. A, TY 1, 12"
13 FT

REMOVING CATCH BASINS, 1 EACH

R D INLET TY B, TY 3 F&G
STA 507+65, 27.55' LT
GRATE EL 503.40
PIPE INV EL 499.49

STEEL CASED BORING AND JACKED 42"
110 FT
STORM SEWERS JACKED IN PLACE, CLASS B 30"
110 FT

EXIST ROW

S S, RUBBER GASKET, CL. A, TY 2, 12"
46 FT

B FIFTH STREET

S S, CL. A, TY 1, 12"
31 FT

FIFTH ST.

MATCH LINE STA 506+00

506 | 507 | 508 | 509 | 510+00 | 511

S S, CL. A, TY 2, 12"
5 FT

S S, CL. A, TY 2, 12"
5 FT

S S, CL. A, TY 2, 12"
5 FT

S S, CL. A, TY 2, 30"
56 FT

S S, CL. A, TY 2, 30"
64 FT

S S, CL. A, TY 2, 36"
192 FT

22'

MATCH LINE STA 512+00

12' X 38' BORE PIT

EXIST ROW

S S, CL. A, TY 2, 12"
5 FT

12' X 38' BORE PIT

ABANDON AND FILL WITH CONTROLLED LOW STRENGTH MATERIAL

R D MH, 5'-DIA, TY 1 F&CL
STA 506+34, 22.00' RT
LID EL 506.00
PIPE INV EL (S,E) 500.86
PIPE INV EL (N) 498.86

INLETS, TY B, TY 3V F&G
STA 506+34, 27.56' RT
GRATE EL 505.75
PIPE INV EL 501.25

INLETS, TY B, TY 3V F&G
STA 507+02, 27.63' RT
GRATE EL 504.14
PIPE INV EL 499.64

INLETS, TY B, TY 3V F&G
STA 507+17, 27.55' RT
GRATE EL 503.76
PIPE INV EL 499.26

REMOVING CATCH BASINS, 1 EACH

S S CL A, TY 2 30"
126 FT
REINF CONC PIPE TEE 30"/PIPE WITH 12" RISER
3 EA

INLETS, TY B, TY 3 F&G
STA 507+40, 27.42' RT
GRATE EL 503.70
PIPE INV EL 498.95

R D MH, 6'-DIA, TY 1 F&CL
STA 507+65, 22.00' RT
LID EL 504.15
PIPE INV EL (S,W) 497.47
PIPE INV EL 495.47

R D MH, 6'-DIA, TY 1 F&CL
STA 508+80, 22.00' RT
LID EL 501.35
PIPE INV EL (S) 494.26
PIPE INV EL (S) 492.26

REMOVING MANHOLES, 1 EACH

R D MH, 5'-DIA, TY 1 F&CL
STA 509+41, 22.00' RT
LID EL 496.61
PIPE INV EL (S) 491.64
PIPE INV EL (S) 489.64

R D MH, 5'-DIA, TY 1 F&CL
STA 510+10, 22.00' RT
LID EL 494.02
PIPE INV EL (S) 488.94
PIPE INV EL (S) 486.94

LEGEND

- PROPOSED SEWER
- PROPOSED MANHOLE
- PROPOSED INLET

ABBREVIATIONS

S S CL A, TY 1 = STORM SEWERS CLASS A, TYPE 1
S S CL A, TY 2 = STORM SEWERS CLASS A, TYPE 2
S S, RUBBER GASKET, CL A, TY 1 = STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1
S S, RUBBER GASKET, CL A, TY 2 = STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2
INLETS, TY A, TY 3V F&G = INLETS, TYPE A, TYPE 3V FRAME AND GRATE
INLETS, TY B, TY 3V F&G = INLETS, TYPE B, TYPE 3V FRAME AND GRATE
R D INLET TY B, TY 3V F&G = RESTRICTED DEPTH INLET TYPE B, TYPE 3V FRAME AND GRATE
R D INLET TY B, TY 1 F&CL = RESTRICTED DEPTH INLET TYPE B, TYPE 1 FRAME AND CLOSED LID
R D MH, 4'-DIA, TY 1 F&CL= RESTRICTED DEPTH MANHOLE, 4'-DIAMETER, TYPE 1 FRAME AND CLOSED LID
R D MH, 5'-DIA, TY 1 F&CL= RESTRICTED DEPTH MANHOLE, 5'-DIAMETER, TYPE 1 FRAME AND CLOSED LID

PLAN — SURVEYED | DATE | BY | PLOTTED | CHECKED | DESIGNED | CHECKED | DRAWN | CHECKED | QUANTITIES CHKD | FINAL NOTES | SEAL NOTED | FINAL TYPE NOTATIONS CHKD | NOTE BOOK | NO.

PROFILE — SURVEYED | DATE | BY | PLOTTED | CHECKED | DESIGNED | CHECKED | DRAWN | CHECKED | QUANTITIES CHKD | FINAL NOTES | SEAL NOTED | FINAL TYPE NOTATIONS CHKD | NOTE BOOK | NO.

EXISTING PROFILE ALONG ℄

515 | 510 | 505 | 500 | 495 | 490 | 485 | 480 | 475

30" STORM SEWER @ 1.1%
MANHOLE
BORE PIT
MANHOLE
30" STORM SEWER @ 1.1%
MANHOLE
BORE PIT
30" STORM SEWER @ 1.1%
MANHOLE
30" STORM SEWER @ 1.1%
MANHOLE
36" STORM SEWER @ 0.9%

506+00 | 506+50 | 507+00 | 507+50 | 508+00 | 508+50 | 509+00 | 509+50 | 510+00 | 510+50 | 511+00 | 511+50 | 512+00

CADD FILE: I:\482\ss-Fifth-02.dgn
PLOTTED: 01/23/2007

H.M. & G. NO. 4812

HENRY, MEISENHEIMER & GENDE, INC. 1075 LAKE ROAD CARLYLE, ILLINOIS 62231 (618) 594-3711 WWW.HMGENGINEERS.COM

STORM SEWER - STA. 506+00 - STA. 512+00 - (5TH ST.)