

**DRAINAGE STRUCTURES**

- ① 22.51' LT., STA. 29+82.22  
EXIST. INLET WITH TY. 3 F.&G.  
EXIST. T.C. = 441.59  
EXIST. 10" N.W. F.L. = 437.65 (PLUG)  
FILLING INLETS - 1 EACH  
(SAND - 0.3 CU. YDS., FOR INFORMATION ONLY)
- ② 31.73' LT., STA. 29+83.05  
INLETS, TY. A, TY. 3 F.&G.  
T.C. = 441.78  
12" N.W. F.L. = 437.65
- ③ 0.27' LT., STA. 29+89.88  
EXIST. MANHOLE  
EXIST. TOP ELEV. = 441.87  
EXIST. 10" N.W. F.L. = 436.27  
PROP. 12" N.W. F.L. = 436.27  
EXIST. 10" N.E. F.L. = 436.25  
PROP. 12" N.E. F.L. = 436.25  
EXIST. 18" W. F.L. = 422.75  
EXIST. 18" E. F.L. = 422.64  
EXIST. 10" S.E. F.L. = 436.17  
PROP. 12" S.E. F.L. = 436.17
- ④ 21.17' RT., STA. 30+19.93  
EXIST. INLET WITH TY. 3 F.&G.  
EXIST. T.C. = 441.74  
EXIST. 10" S.E. F.L. = 437.14 (PLUG)  
FILLING INLETS - 1 EACH  
(SAND - 0.3 CU. YDS., FOR INFORMATION ONLY)
- ⑤ 32.70' RT., STA. 30+17.53  
INLETS, TY. A, TY. 3 F.&G.  
T.C. = 441.98  
12" S.E. F.L. = 437.14
- ⑥ 22.09' RT., STA. 29+81.79  
EXIST. INLET WITH TY. 3 F.&G.  
EXIST. T.C. = 441.88  
EXIST. 10" S.W. F.L. = 437.91 (PLUG)  
FILLING INLETS - 1 EACH  
(SAND - 0.3 CU. YDS., FOR INFORMATION ONLY)
- ⑦ 19.80' RT., STA. 29+69.29  
INLETS, TY. A, TY. 3 F.&G.  
T.C. = 441.89  
12" S.W. F.L. = 437.91

**STORM SEWERS**

- ① ① TO ⑤ EXIST. 10" V.C.P.  
S.S. REM. 10" - 11 FT. (FROM C/L OF MANHOLE)  
PLUG AND ABANDON REMAINING S.S. IN PLACE  
TRENCH BACKFILL - 1.6 CU. YDS.
- ② ② TO ③ S.S. CL. A, TY. 1, 12" - 36 FT. @ 4.11%  
TRENCH BACKFILL - 11.6 CU. YDS.
- ③ ④ TO ③ EXIST. 10" V.C.P.  
S.S. REM. 10" - 9 FT. (FROM C/L OF MANHOLE)  
PLUG AND ABANDON REMAINING S.S. IN PLACE  
TRENCH BACKFILL - 1.3 CU. YDS.
- ④ ⑤ TO ③ S.S. CL. A, TY. 2, 12" - 36 FT. @ 2.34%  
TRENCH BACKFILL - 13.0 CU. YDS.
- ⑤ ⑥ TO ③ EXIST. 10" V.C.P.  
S.S. REM. 10" - 6 FT. (FROM C/L OF MANHOLE)  
PLUG AND ABANDON REMAINING S.S. IN PLACE  
TRENCH BACKFILL - 0.8 CU. YDS.
- ⑥ ⑦ TO ③ S.S. CL. A, TY. 1, 12" - 37 FT. @ 4.49%  
TRENCH BACKFILL - 8.7 CU. YDS.
- ⑦ EXIST. 18" C.I. COMBINED SEWER TO REMAIN
- ⑧ EXIST. 18" C.I. COMBINED SEWER TO REMAIN

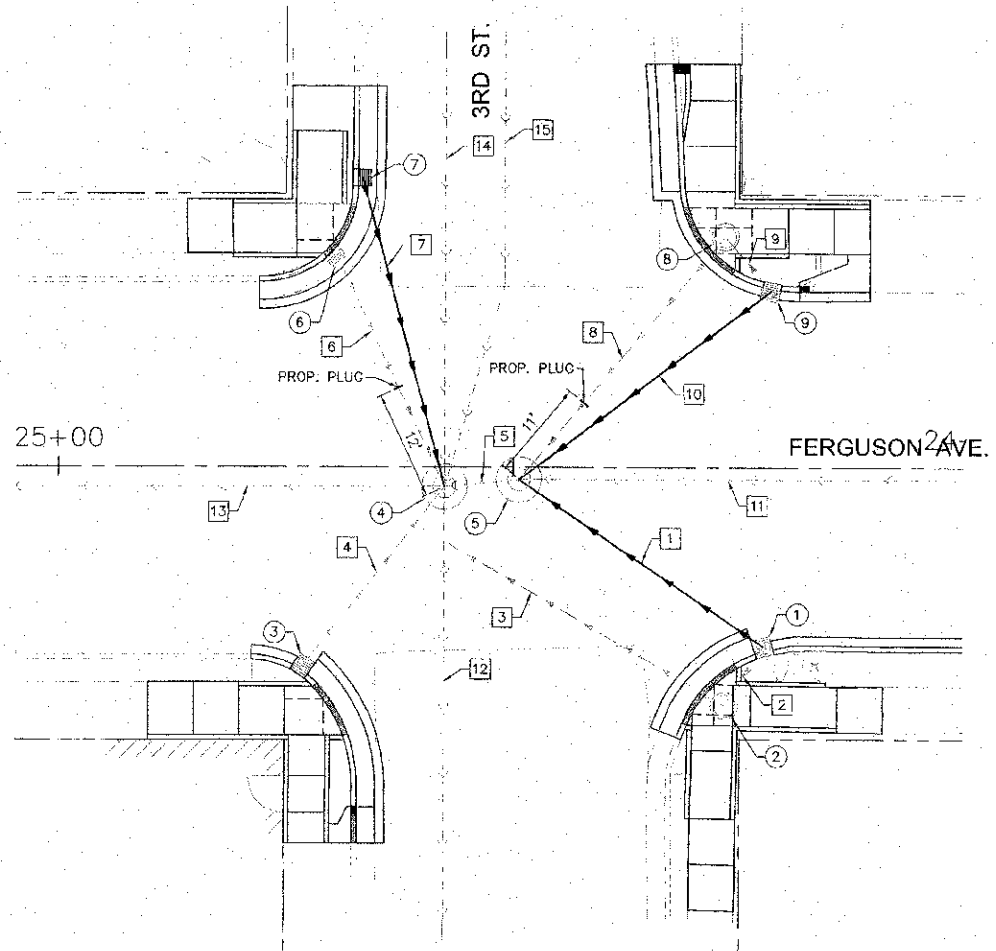
NOTE: ALL PROPOSED PLUGS WILL NOT BE MEASURED FOR PAYMENT, BUT THE COST OF THE PLUGS WILL BE INCLUDED IN THE COST OF THE STORM SEWER REMOVAL.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8971	10-00047-02-RS	MADISON	45	19

CONTRACT NO. 97526

**SMS ENGINEERS**  
 Sheppard, Morgan & Schwaab, Inc.  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 210 Market Street, P.O. Box E, Alton, IL 62002 (618) 432-3100  
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 (618) 437-4100  
 OFFICE: FIRM # 784-000992

2ND ST.



**DRAINAGE STRUCTURES**

- ① 18.78' LT., STA. 24+22.71  
EXIST. INLET WITH TY. 3 F.&G.  
INLETS TO BE ADJUSTED - 1 EACH  
EXIST. T.C. = 445.23  
EXIST. 12" S.W. F.L. = 439.46 (PLUG)  
PROP. 12" N.W. F.L. = 439.46
- ② 26.29' LT., STA. 24+26.71  
EXIST. MANHOLE  
EXIST. TOP ELEV. = 445.63  
EXIST. 12" N.E. F.L. = 441.69 (PLUG)  
EXIST. 12" N.W. F.L. = 441.30 (PLUG)  
FILLING MANHOLES - 1 EACH  
(SAND - 1.6 CU. YDS., FOR INFORMATION ONLY)
- ③ 21.17' LT., STA. 24+72.44  
EXIST. INLET WITH TY. 3 F.&G.  
EXIST. T.C. = 445.10  
EXIST. 10" N.E. F.L. = 440.98
- ④ 2.17' LT., STA. 24+57.55  
EXIST. MANHOLE  
MANHOLES TO BE ADJUSTED - 1 EACH  
EXIST. TOP ELEV. = 445.81  
EXIST. 10" N.W. F.L. = 439.69  
PROP. 12" N.W. F.L. = 439.69  
EXIST. 15" N. F.L. = 422.84  
EXIST. 15" N.E. F.L. = 431.20  
EXIST. 12" S.W. F.L. = 440.19  
EXIST. 24" S. F.L. = 423.48  
EXIST. 18" E. F.L. = 423.86  
EXIST. 18" W. F.L. = 423.96
- ⑤ 1.37' LT., STA. 24+49.36  
EXIST. MANHOLE  
MANHOLES TO BE ADJUSTED - 1 EACH  
EXIST. TOP ELEV. = 445.70  
EXIST. 12" N.E. F.L. = 438.85  
PROP. 12" N.E. F.L. = 438.85  
EXIST. 18" E. F.L. = 423.56  
EXIST. 18" W. F.L. = 423.30  
PROP. 12" S.E. F.L. = 436.92
- ⑥ 22.48' RT., STA. 24+69.15  
EXIST. INLET WITH TY. 3 F.&G.  
EXIST. T.C. = 445.31  
EXIST. S.E. F.L. = 440.50 (PLUG)  
FILLING INLETS - 1 EACH  
(SAND - 0.4 CU. YDS., FOR INFORMATION ONLY)
- ⑦ 31.76' RT., STA. 24+66.66  
INLETS, TY. A, TY. 3 F.&G.  
T.C. = 445.35  
12" S.E. F.L. = 440.50

- ⑧ 25.34' RT., STA. 24+26.80  
EXIST. MANHOLE  
EXIST. TOP ELEV. = 445.52  
EXIST. 12" S.W. F.L. = 441.08 (PLUG)  
EXIST. 12" S.E. F.L. = 442.30 (PLUG)  
FILLING MANHOLES - 1 EACH  
(SAND - 1.7 CU. YDS., FOR INFORMATION ONLY)
- ⑨ 18.34' RT., STA. 24+21.97  
EXIST. INLET WITH TY. 3 F.&G.  
EXIST. T.C. = 445.15  
EXIST. 12" N.W. F.L. = 439.48 (PLUG)  
INLETS TO BE ADJUSTED - 1 EACH  
PROP. T.C. = 445.43  
PROP. 12" S.W. F.L. = 439.48

**STORM SEWERS**

- ① ① TO ⑤ S.S. CL. A, TY. 2, 12" - 32 FT. @ 2.00%  
TRENCH BACKFILL - 25.3 CU. YDS.
- ② ① TO ② EXIST. 12" V.C.P.  
S.S. REM. 12" - 8 FT.  
TRENCH BACKFILL - 3.6 CU. YDS.
- ③ ② TO ④ EXIST. 12" V.C.P.  
ABANDONED IN PLACE  
PLUG END IN EXIST. M.H. ②
- ④ ③ TO ④ EXIST. 12" V.C.P. TO REMAIN
- ⑤ EXIST. 18" C.I. COMBINED SEWER TO REMAIN
- ⑥ ⑥ TO ④ EXIST. 10" V.C.P.  
S.S. REM. 10" - 12 FT. (FROM C/L OF MANHOLE)  
PLUG AND ABANDON REMAINING S.S. IN PLACE  
TRENCH BACKFILL - 3.0 CU. YDS.
- ⑦ ⑦ TO ④ S.S. CL. A, TY. 2, 12" - 36 FT. @ 2.25%  
TRENCH BACKFILL - 13.0 CU. YDS.
- ⑧ ⑧ TO ⑤ EXIST. 12" V.C.P.  
S.S. REM. 12" - 11 FT. (FROM C/L OF MANHOLE)  
PLUG AND ABANDON REMAINING S.S. IN PLACE  
TRENCH BACKFILL - 1.8 CU. YDS.
- ⑨ ⑨ TO ⑧ EXIST. 12" V.C.P.  
S.S. REM. 12" - 7 FT.  
TRENCH BACKFILL - 2.7 CU. YDS.
- ⑩ ⑨ TO ⑤ S.S. CL. A, TY. 2, 12" - 32 FT. @ 1.97%  
TRENCH BACKFILL - 23.3 CU. YDS.
- ⑪ EXIST. 18" C.I. COMBINED SEWER TO REMAIN
- ⑫ EXIST. 24" C.I. COMBINED SEWER TO REMAIN
- ⑬ EXIST. 18" C.I. COMBINED SEWER TO REMAIN
- ⑭ EXIST. 15" C.I. COMBINED SEWER TO REMAIN
- ⑮ EXIST. 15" C.I. COMBINED SEWER TO REMAIN

CITY OF WOOD RIVER, ILLINOIS  
 FERGUSON AVENUE RESURFACING  
 SECTION 10-00047-02-RS  
 STORM SEWER PLAN

3RD ST.

DWG. NO. 10-00047-02-RS-3RD.DWG  
 STORM FERGUSON 2ND-3RD.DWG  
 REF. BY: PC  
 JOB NO. 488044  
 DSN. BY: LDA  
 DWN. BY: CAD  
 CHK. BY: LDA  
 DATE: APRIL, 2013

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