CONTRACT NO. 97297

STA. 87+98.26, 22.54' LT.
EXISTING STORM MANHOLE
T.B.A. W/NEW TYPE 3
(SPECIAL) FRAME AND GRATE
PROP. T/C ELEV.=435.79
EXIST. TOP ELEV.=434.36
EXIST. 48" E-W FL. ELEV.=428.59
PROP. 12" S. FL. ELEV.=431.40

1 EA. CONNECTION TO EXIST. MH
12" S. FL. ELEV.=431.40

115 FT. GRADING AND SHAPING DITCHES @ 0.76%

PERMANENT DRAINAGE EASEMENT

TEMPORARY CONSTRUCTION EASEMENT

95 FT. GRADING AND SHAPING DITCHES @ 0.68%

STA. 89+64.14, 21.84' LT.
EXISTING STORM MANHOLE
T.B.A. W/NEW TYPE 3
(SPECIAL) FRAME AND GRATE
PROP. T/C ELEV.=435.71
EXIST. TOP ELEV.=434.08
EXIST. 48" E-W FL. ELEV.=428.47
PROP. 12" S. FL. ELEV.=430.47

1 EA. CONNECTION TO EXIST. MH
12" S. FL. ELEV.=430.47

15 FT.-12" R.C.C.P. TY 1, CL4
@ 1.00% (4 C.Y.TB)

STA. 90+03, 35.00' LT.
1 EA. INLET TYPE A, TY 1
FRAME OPEN LID
PROP. T/C ELEV.=435.0±
12" S. F.L. ELEV.=432.25

LOW POINT
STA. 90+03, 20.22' LT.
1 EA. MANHOLE 6' DIA. SET-OVER
TYPE 3 (SPECIAL) FRAME AND GRATE
PROP. T/C ELEV.=435.57
PROP. 12" S. FL. ELEV.=431.30
PROP. 12" N. FL. ELEV.=432.08
EXIST 48" E-W F.L. ELEV.=428.46

PERMANENT DRAINAGE EASEMENT

STA. 91+24.15, 23.14' LT.
1 EA. MANHOLE 6' DIA. SET-OVER
TYPE 3 (SPECIAL) FRAME AND GRATE
PROP. T/C ELEV.=435.95
12" S. FL. ELEV.=430.83
EXIST. 48" E-W FL. ELEV.=428.42

ROCK HILL ROAD

BM
EXISTING SANITARY MANHOLE
TOP ELEV= 435.65
F.L. ELEV.= 432.05

B.M.4

B.M.3

MATCH LINE STA 87+50

MATCH LINE STA 92+50

EDWARDSVILLE ROAD (F.A.U. 8980)

43 FT.-12" R.C.C.P. TY 1, CL4
@ 1.00% (10 C.Y.TB)

16 FT.-12" R.C.C.P. TY 1, CL4
@ 1.00% (2 C.Y.TB)

42 FT.-12" R.C.C.P. TY 1, CL4
@ 2.00% (13 C.Y.TB)

95 FT. GRADING AND SHAPING DITCHES @ 1.05%

56 FT.-12" R.C.C.P. TY 1, CL4
@ 1.00% (10 C.Y.TB)

43 FT.-12" R.C.C.P. TY 1, CL4
@ 1.00% (12 C.Y.TB)

47 FT. GRADING AND SHAPING DITCHES @ 0.54%

STA. 87+98.26, 20.51' RT.
1 EA. INLET TYPE A, SPECIAL
TYPE 3 FRAME AND GRATE
PROP. T/C ELEV.=435.79
12" N. FL. ELEV.=431.83
12" S. FL. ELEV.=431.83

STA. 87+98.26, 35.00' RT.
1 EA. INLET TYPE A, TYPE 1
FRAME OPEN LID
TOP ELEV.=434.5±
12" N. FL. ELEV.=431.99

30 FT. GRADING AND SHAPING DITCHES @ 2.22%

PERMANENT DRAINAGE EASEMENT

TEMPORARY CONSTRUCTION EASEMENT

STA. 89+59, 20.51' RT.
1 EA. INLET TYPE A, SPECIAL
TYPE 3 FRAME AND GRATE
PROP. T/C ELEV.=435.73
12" N. FL. ELEV.=431.31

TEMPORARY CONSTRUCTION EASEMENT

LOW POINT
STA. 89+99, 20.51' RT.
1 EA. INLET TYPE A, SPECIAL
TYPE 3 FRAME AND GRATE
PROP. T/C ELEV.=435.58
12" N. FL. ELEV.=432.27

EXISTING SANITARY MANHOLE
TOP ELEV= 435.52
F.L. ELEV.= 430.52

STA. 91+27.13, 34.02' RT.
1 EA. INLET TYPE B, TYPE 3
(SPECIAL) FRAME AND GRATE
PROP. T/C ELEV.=435.54
12" N. FL. ELEV.=431.39
12" E. FL. ELEV.=431.39

FOURTHTEENTH ST. (50')

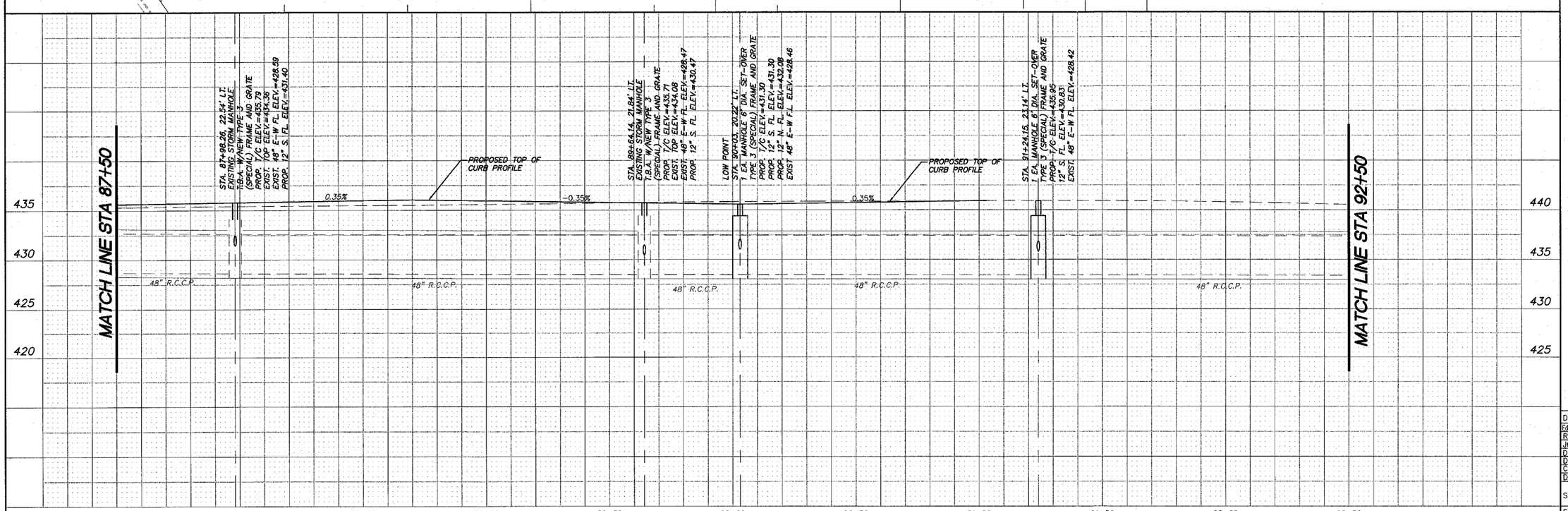
EXISTING SANITARY MANHOLE
TOP ELEV= 435.19
F.L. ELEV.= 430.39
(T.B.A.)

STA. 91+64.07, 35.82' RT.
1 EA. INLET TYPE A, SPECIAL
TYPE 3 FRAME AND GRATE
PROP. T/C ELEV.=435.42
12" W. FL. ELEV.=431.76

37 FT.-12" R.C.C.P. TY 1, CL4
@ 1.00% (10 C.Y.TB)

N

GRAPHIC SCALE
1" = 20'



EDWARDSVILLE ROAD PHASE II (FAU 8980)
SECTION 05-00043-02-WR
WOOD RIVER, ILLINOIS
STORM SEWER

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
10 Central Industrial Drive, Granite City, IL 62040 618/877-9700 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

DWG. NO.	Edwardsville road phs II SANPP5.dwg
REF. BK.	PG.
JOB NO.	286614
DSN. BY:	CLA
DWN. BY:	JLK-JMK
CHK. BY:	JHH
DATE:	JANUARY, 2007
SCALE:	HORIZ. 1"=20' VERT. 1"=5'
SHEET	20 OF 31

pc-land projects\W RIVER PW (286614)\dwg\Edwardsville road phs II SANPP5.dwg, 2/21/2007 11:13:00 AM, jkennedy, 1:20