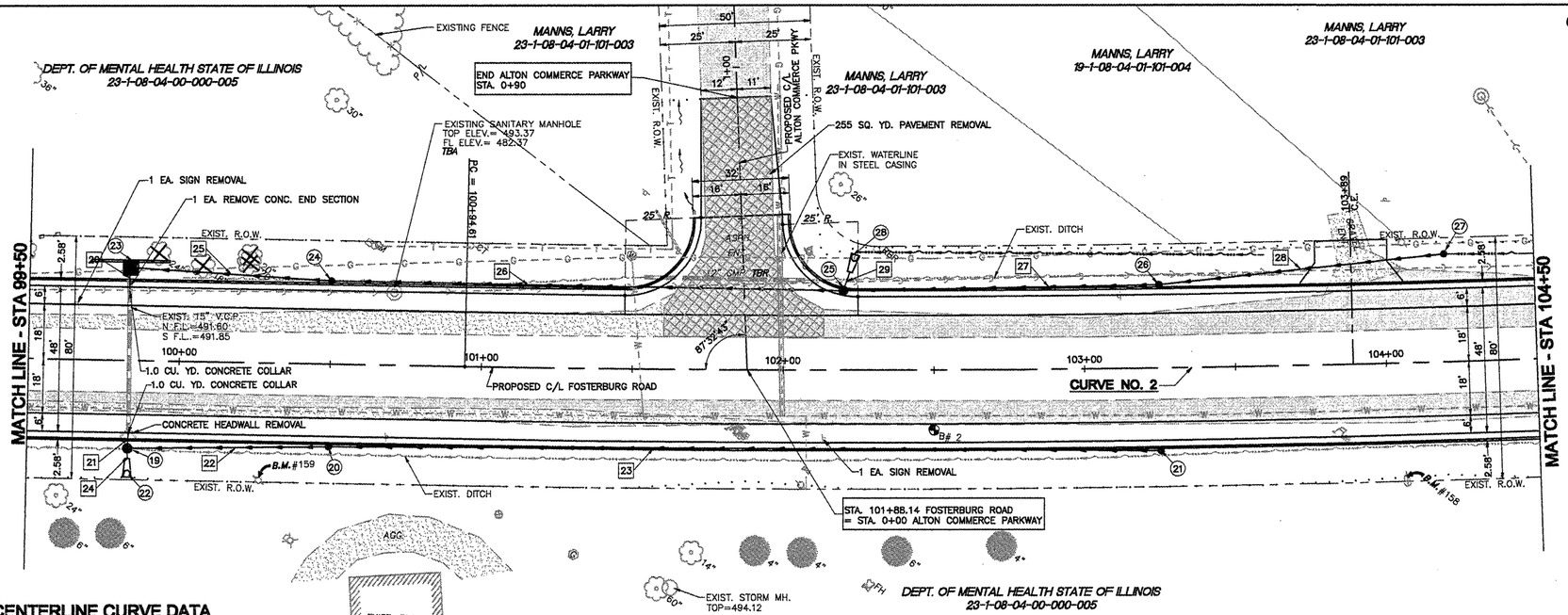
CONTRACT NO. 97456

SCALE IN FEET 20 0 20 40



CENTERLINE CURVE DATA

CURVE NO. 2

P.I. STA.=107+14.28
Δ=10°22'15"
D=00°50'26"
T=618.67
R=6817.14'
L=1233.95
E=28.01'
P.C. STA.=100+94.61
P.T. STA.=113+28.56
SUPER ELEV.=NONE

DRAINAGE STRUCTURES

(19) INLET TY. B-1 CLOSED LID
STA. 99+83.34, 29.00' RT.
RIM= 496.27
12" S.E. F.L.= 492.00
12" N.E. F.L.= 492.00
15" N.W. F.L.=491.90

(20) INLET TY. B-15
STA. 100+50, 27.29' RT.
T.C.= 496.13
12" N.E. F.L. = 492.30
12" S.W. F.L. = 492.20

(21) INLET TY. A-15
STA. 103+25, 27.29' RT.
T.C.= 496.64
12" S.W. F.L. = 493.68

(22) PRCF END SECTION 12"
STA. 99+83.34, 38.5' RT.
F.L.= 493.00

(23) INLETS, SPECIAL, No.1
STA. 99+83.34, 30.50' LT.
12" N.E. F.L. = 491.55
15" S.E. F.L. = 491.56
18" X 18" OPENING F.L.= 491.55
RIM ELEV.=495.30

(24) INLET TY. B-15
STA. 100+50, 27.29' LT.
T.C.= 496.13
12" N.E. F.L. = 491.78
12" S.W. F.L. = 491.68

(25) INLET TY. B-3V
STA. 102+20, 26.02' LT.
T.C.= 496.50
12" N. F.L. = 492.50
12" N.E. F.L. = 492.22
12" S.W. F.L. = 492.12

(26) INLET TY. B-15
STA. 103+25, 27.29' LT.
T.C.= 496.64
12" N.E. F.L. = 492.53
12" S.W. F.L. = 492.43

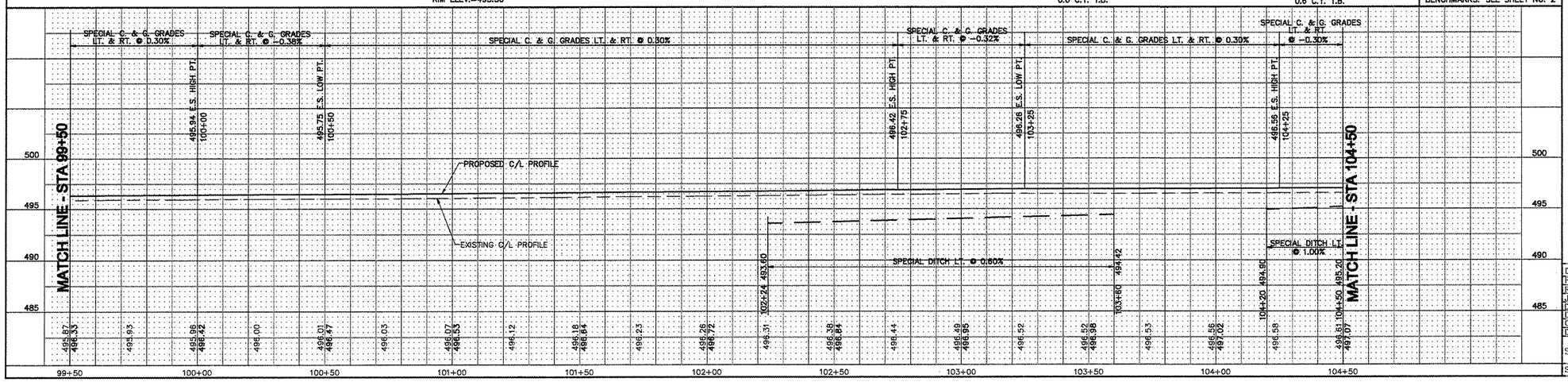
(27) INLET TY. A-8
STA. 104+20, 35.50' LT.
RIM= 494.90
12" S.W. F.L. = 492.72

(28) PRCF END SECTION 12"
STA. 102+24, 38' LT.
F.L.= 493.60

STORM SEWERS

20	EX TO 23	9 FT. 15" SSI @ 0.44%	3.3 C.Y. T.B.
21	19 TO EX	6 FT. 15" SSI @ 0.83%	2.1 C.Y. T.B.
22	20 TO 19	67 FT. 12" SSI @ 0.30%	14.6 C.Y. T.B.
23	21 TO 20	276 FT. 12" SSI @ 0.50%	42 C.Y. T.B.
24	22 TO 19	9 FT. 12" SSI @ 11.11% (INCLUDES END SECTION)	0.0 C.Y. T.B.
25	24 TO 23	67 FT. 12" SS2 @ 0.20%	11.0 C.Y. T.B.
26	25 TO 24	169 FT. 12" SS2 @ 0.20%	45.2 C.Y. T.B.
27	26 TO 25	105 FT. 12" SS2 @ 0.20%	25.9 C.Y. T.B.
28	27 TO 26	95 FT. 12" SSI @ 0.20%	9.9 C.Y. T.B.
29	25 TO 28	13 FT. 12" SSI @ 8.46% (INCLUDES END SECTION)	0.6 C.Y. T.B.

BENCHMARKS: SEE SHEET NO. 2



SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618/462-8705 E-mail: mail@smengineers.com
101 Central Industrial Drive, Bethalto, IL 62010 618/377-8705 E-mail: mail@smengineers.com
DESIGN FIRM # 184-000992

REVISIONS

CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
PLAN AND PROFILE

DWG. NO.	FBR PHS 2-PP3.dwg
REF. BK.	PG.
JOB NO.	206612
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	JAN. 2011
SCALE:	1" = 20' H. 1" = 5' V.
SHEET	10 OF 55

X:\SC-Land Projects\ALTON FOSTERBURG ROAD PHS 2 (206612)\dwg\FBR PHS 2-PP3.dwg, 8/10/2011 11:12:26 AM, cpratt, 1:20