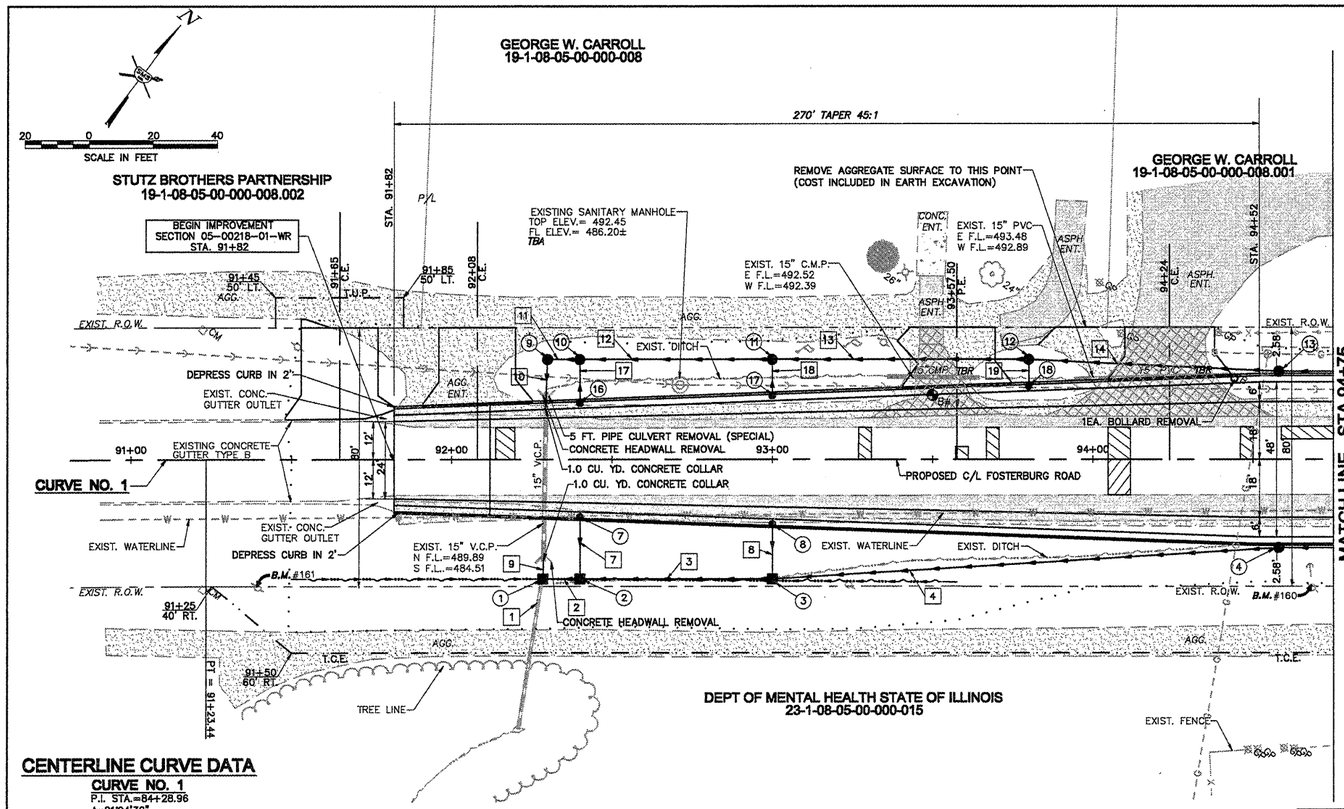
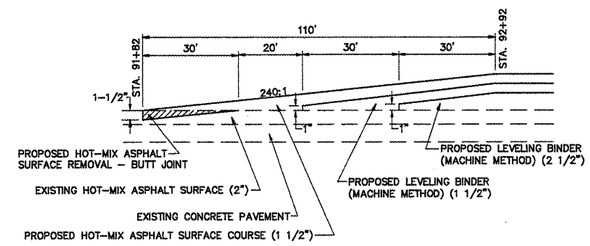
CONTRACT NO. 97456





BUTT JOINT DETAIL
N.T.S.
STA. 91+82 TO STA. 92+92

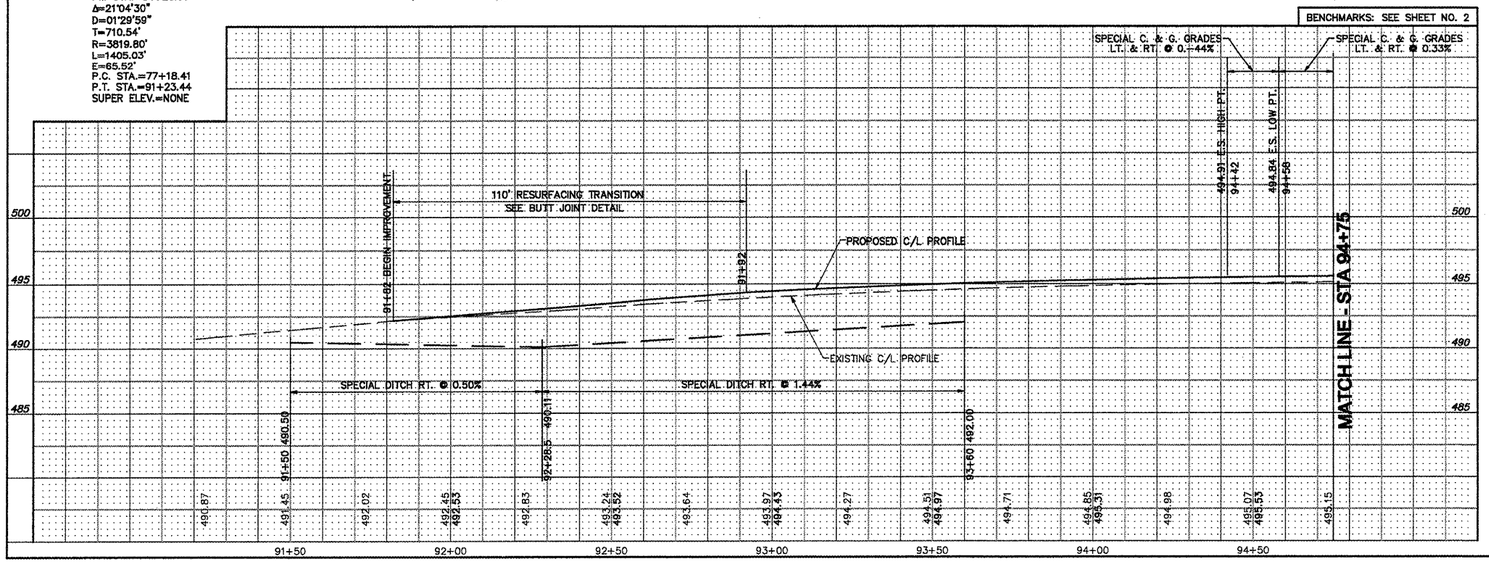
STORM SEWERS

1	EXISTING 18" P.E. PIPE N. F.L. = 484.25 S. F.L. = 484.03	11	10 TO 9 10 FT. 15" SSI @ 0.60% 0.0 C.Y. T.B.
2	2 TO 1 11 FT. 12" SSI @ 2.00% 0.0 C.Y. T.B.	12	11 TO 10 60 FT. 15" SSI @ 0.55% 0.0 C.Y. T.B.
3	3 TO 2 60 FT. 12" SSI @ 1.50% 0.0 C.Y. T.B.	13	12 TO 11 80 FT. 15" SSI @ 0.90% 9.5 C.Y. T.B.
4	4 TO 3 158 FT. 12" SS2 @ 2.00% 7.4 C.Y. T.B.	14	13 TO 12 78 FT. 15" SSI @ 0.55% 13.0 C.Y. T.B.
7	7 TO 2 19 FT. 12" SSI @ 5.89% 0.6 C.Y. T.B.	17	16 TO 10 13 FT. 12" SSI @ 1.00% 0.5 C.Y. T.B.
8	8 TO 3 17 FT. 12" SSI @ 7.76% 0.6 C.Y. T.B.	18	17 TO 11 11 FT. 12" SSI @ 1.00% 0.4 C.Y. T.B.
9	EX TO 1 5 FT. 15" SS2 @ 2.00% 0.0 C.Y. T.B.	19	18 TO 12 8 FT. 12" SSI @ 1.00% 0.4 C.Y. T.B.
10	9 TO EX 15 FT. 15" SSI @ 0.65% 2.0 C.Y. T.B.		

CENTERLINE CURVE DATA

CURVE NO. 1
P.I. STA.=84+28.96
Δ=21°04'30"
D=01°29'59"
T=710.54'
R=3819.80'
L=1405.03'
E=65.52'
P.C. STA.=77+18.41
P.T. STA.=91+23.44
SUPER ELEV.=NONE

BENCHMARKS: SEE SHEET NO. 2



DRAINAGE STRUCTURES

1	FLUSH INLET BOX STD. 542546 STA. 92+28.5, 37' RT. TOP = 490.11 12" N.E. F.L. = 486.00 15" N.W. F.L. = 484.41 18" S.E. F.L. = 484.25	10	INLET TY. B-1 OPEN LID STA. 92+40, 31' LT. RIM= 493.40 12" S.E. F.L. = 490.18 15" N.E. F.L. = 489.54 15" S.W. F.L. = 489.54
2	FLUSH INLET BOX STD. 542546 STA. 92+40, 37' RT. TOP = 490.28 12" N.W. F.L. = 488.19 12" N.E. F.L. = 486.32 12" S.W. F.L. = 486.22	11	INLET TY. B-1 OPEN LID STA. 93+00, 31' LT. RIM= 493.60 12" S.E. F.L. = 490.50 15" N.E. F.L. = 489.87 15" S.W. F.L. = 489.87
3	FLUSH INLET BOX STD. 542546 STA. 93+00, 37' RT. TOP = 491.14 12" N.W. F.L. = 489.05 12" N.E. F.L. = 487.32 12" S.W. F.L. = 487.22	12	INLET TY. B-1 OPEN LID STA. 93+80, 31' LT. RIM= 494.50 12" S.E. F.L. = 491.97 15" N.E. F.L. = 490.59 15" S.W. F.L. = 490.59
4	INLET TY. B-15 STA. 94+58, 27.29' RT. T.C. = 495.22 12" N.E. F.L. = 490.58 12" S.W. F.L. = 490.48	13	INLET TY. B-15 STA. 94+58, 27.29' LT. T.C.= 495.22 12" N.E. F.L. = 491.27 15" S.W. F.L. = 491.02
7	INLET TY. A-3V STA. 92+40, 17.69' RT. T.C. = 493.31 12" S.E. F.L. = 489.31	16	INLET TY. A-3V STA. 92+40, 17.69' LT. T.C.= 493.31 12" N.W. F.L. = 490.31
8	INLET TY. A-3V STA. 93+00, 19.91' RT. T.C. = 494.37 12" S.E. F.L. = 490.37	17	INLET TY. A-3V STA. 93+00, 19.91' LT. T.C.= 494.37 12" N.W. F.L. = 491.37
9	INLET TY. B-1 OPEN LID STA. 92+30, 31' LT. RIM= 493.30 15" N.E. F.L. = 489.48 15" S.E. F.L. = 489.48	18	INLET TY. A-3V STA. 93+80, 22.87' LT. T.C.= 495.05 12" N.W. F.L. = 492.05

REVISIONS

SMS ENGINEERS
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DESIGN FIRM # 184-000992

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

DWG. NO. FBR PHS 2-PP1.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 8 OF 55

X:\SC-Land Projects\ALTON FOSTERBURG ROAD PHS 2 (206612)\dwg\FBR PHS 2-PP1.dwg, 07/02/2011 11:11:24 AM, cpratt, 1:20