CONTRACT NO. 76A34

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
609	***	ST. CLAIR	350	70
STA. 14+00 TO STA. 20+00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*** 76RS-3, 76-2BR-21

0 20 40
SCALE IN FEET

(12) STA. 14+10, 14' RT.
MANHOLES, TYPE A, 4'-DIA.,
TYPE 24 FRAME AND GRATE
RIM = 616.31
FL(S) = 612.72
FL(N) = 612.72
FL(W) = 613.15

(15) STA. 15+10, 14' RT.
INLETS, TYPE B,
TYPE 24 FRAME AND GRATE
ER = 614.91
FL(S-N) = 611.27

(18) STA. 16+30, 14' RT.
MANHOLES, TYPE A, 4'-DIA.,
TYPE 24 FRAME AND GRATE
ER = 612.90
FL = 609.11

(19) STA. 17+65, 14' RT.
MANHOLES, TYPE A, 4'-DIA.,
TYPE 24 FRAME AND GRATE
ER = 610.52
FL(S) = 606.43
FL(N) = 606.16
FL(W) = 606.82

(20) STA. 17+65, 14' LT.
INLETS, TYPE A,
TYPE 24 FRAME AND GRATE
ER = 610.52
FL = 607.52

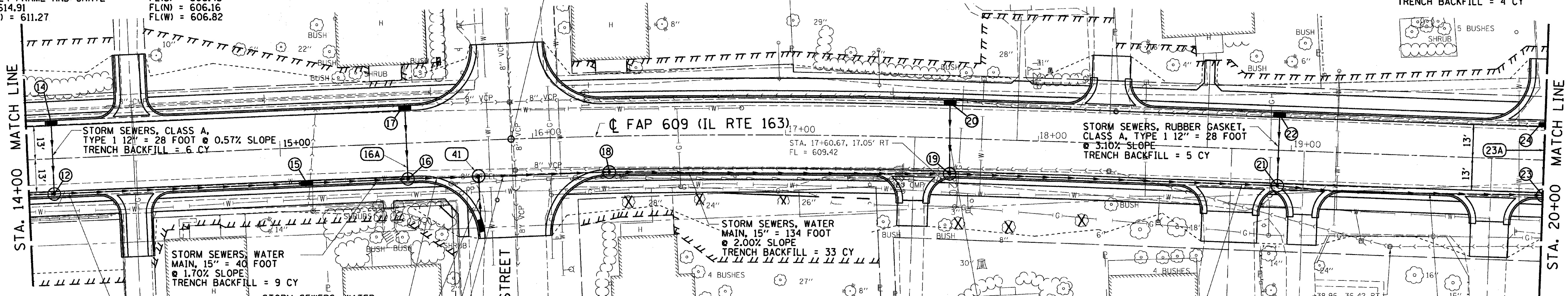
(14) STA. 14+10, 14' LT.
INLETS, TYPE A,
TYPE 24 FRAME AND GRATE
ER = 616.31
FL(E) = 613.31

(21) STA. 18+95, 14' RT.
MANHOLES, TYPE A, 5'-DIA.,
TYPE 24 FRAME AND GRATE
ER = 608.34
FL(S) = 603.82
FL(N) = 603.32
FL(W) = 604.47

(22) STA. 18+95, 14' LT.
INLETS, TYPE A,
TYPE 24 FRAME AND GRATE
ER = 608.34
FL = 605.34

(23A) STORM SEWERS, CLASS A,
TYPE 1 12" = 28 FOOT
@ 0.30% SLOPE
TRENCH BACKFILL = 4 CY

STA. 15+91.44 ℄ IL RTE. 163 =
STA. 300+00.00 ℄ GOODING ST.



(16) STA. 15+50, 14' RT.
MANHOLES, TYPE A, 4'-DIA.,
TYPE 24 FRAME AND GRATE
ER = 614.27
FL(S-N) = 610.59
FL(W) = 610.96

(17) STA. 15+52, 14' LT.
INLETS, TYPE A,
TYPE 24 FRAME AND GRATE
ER = 614.24
FL = 611.24

STORM SEWERS, WATER
MAIN, 15" = 100 FOOT
@ 1.45% SLOPE
TRENCH BACKFILL = 20 CY

STORM SEWERS, WATER
MAIN, 15" = 28 FOOT
@ 1.57% SLOPE
TRENCH BACKFILL = 6 C.Y.

STORM SEWERS, WATER
MAIN, 15" = 20 FOOT
@ 3.15% SLOPE
TRENCH BACKFILL = 3 C.Y.

STORM SEWERS, WATER
MAIN, 15" = 52 FOOT
@ 2.00% SLOPE
TRENCH BACKFILL = 11 CY

(16A) STORM SEWERS, CLASS A, TYPE 1 12"
= 28 FOOT @ 1.00% SLOPE
TRENCH BACKFILL = 5 CY

(41) STA. 15+78, 14' RT.
MANHOLES, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM = 613.80
FL (N-S) = 610.15
FL (E) = 610.15

(42) STA. 15+78.13, 33.65' RT.
INLETS, TYPE A, TYPE 24
FRAME AND GRATE
ER = 613.78
FL = 610.78

3 BUSHES
STORM SEWERS WATER
MAIN 18" = 130 FOOT
@ 1.80% SLOPE
TRENCH BACKFILL = 40 CY

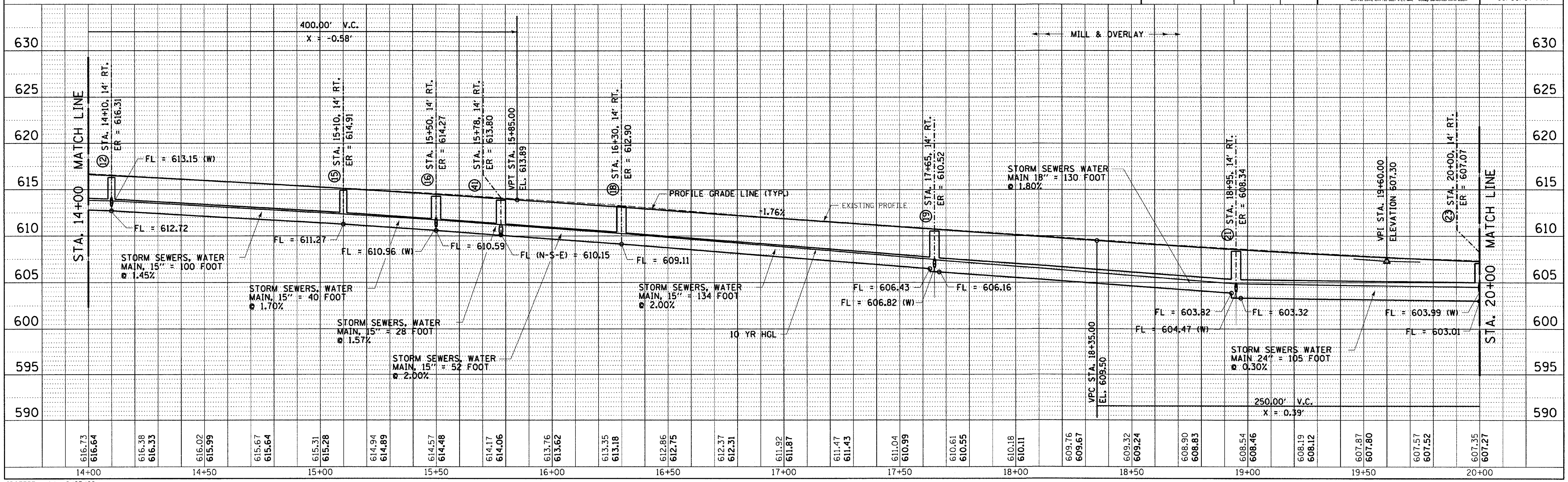
STORM SEWERS, RUBBER GASKET,
CLASS A, TYPE 1 12" = 28 FOOT
@ 2.50% SLOPE
TRENCH BACKFILL = 5 CY

STORM SEWERS WATER
MAIN 24" = 105 FOOT
@ 0.30% SLOPE
TRENCH BACKFILL = 32 CY

REVISION	DATE	BY
IDOT REVIEW	3/17/08	WCB/MDS
IDOT REVIEW	9/10/08	WCB/MDS

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
3501 CONSTITUTION DRIVE
SPRINGFIELD, ILLINOIS 62707
PROFESSIONAL DESIGN FIRM NO. 184-001179
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
(217) 793-8844, (217) 793-6227 (F), E-MAIL - cad@greeneandbradford.com

COMPUTER FILE NO.
DRAIN163A_V8-02
PROJECT: 02076
09/06/07-FAV



IDOTEPP - 1:1 8/25/98

DRAINAGE - FAP 609 (IL RTE. 163) ST. CLAIR COUNTY

(1) Rev. Sheet 10-20-08

STA. 14+00 TO STA. 20+00

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHK'D		