F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2670	03-00095-00-RS	LAKE	67	33
STA. 26+00		TO STA. 31+50		
FED. ROAD DIST. NO. 1	ILLINOIS	STPM - 8003 (442)		
		CONTRACT NO.: 83784		

(28) STA. 28+67, 15' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 677.50
INV = 670.25 (NE)

(29) STA. 28+67, 15' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 677.17
INV = 669.90 (NW)

(30) STA. 28+77, 10' RT
MH, TYPE A, 5.0' DIA.
TYPE 1 F, CL
RIM = 676.97
INV = 669.70 (N)
INV = 669.70 (SW)
INV = 669.70 (SE)

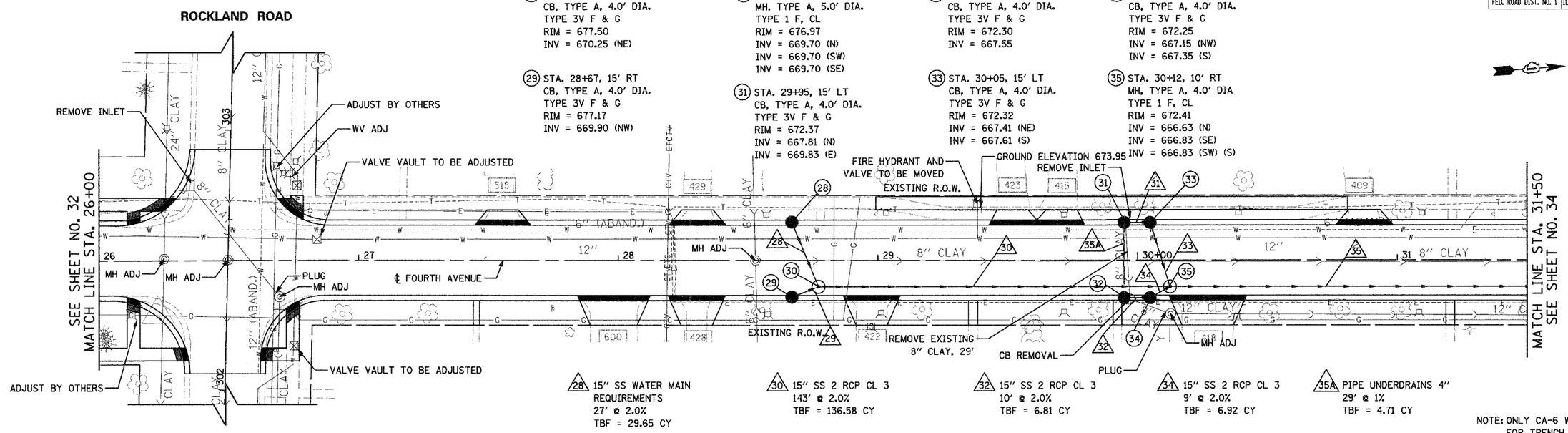
(31) STA. 29+95, 15' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 672.37
INV = 667.81 (N)
INV = 669.83 (E)

(32) STA. 29+95, 15' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 672.30
INV = 667.55

(33) STA. 30+05, 15' LT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 672.32
INV = 667.41 (NE)
INV = 667.61 (S)

(34) STA. 30+05, 15' RT
CB, TYPE A, 4.0' DIA.
TYPE 3V F & G
RIM = 672.25
INV = 667.15 (NW)
INV = 667.35 (S)

(35) STA. 30+12, 10' RT
MH, TYPE A, 4.0' DIA
TYPE 1 F, CL
RIM = 672.41
INV = 666.63 (N)
INV = 666.83 (SE)
INV = 666.83 (SW) (S)



(28) 15" SS WATER MAIN REQUIREMENTS
27' @ 2.0%
TBF = 29.65 CY

(29) 15" SS 2 RCP CL 3
10' @ 2.0%
TBF = 11.00 CY

(30) 15" SS 2 RCP CL 3
143' @ 2.0%
TBF = 136.58 CY

(31) 15" SS WATER MAIN REQUIREMENTS
10' @ 2.0%
TBF = 6.48 CY

(32) 15" SS 2 RCP CL 3
10' @ 2.0%
TBF = 6.81 CY

(33) 15" SS WATER MAIN REQUIREMENTS
26' @ 2.0%
TBF = 19.58 CY

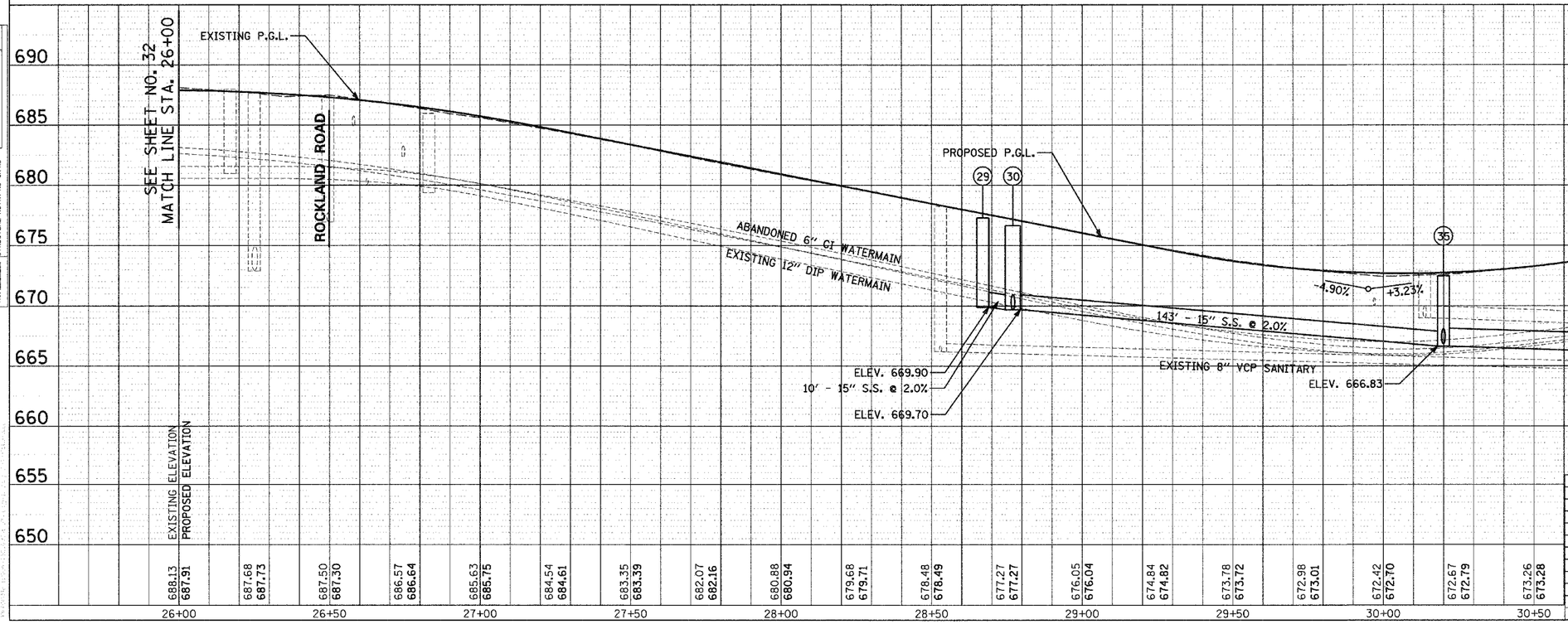
(34) 15" SS 2 RCP CL 3
9' @ 2.0%
TBF = 6.92 CY

(35) 18" SS 2 RCP CL 3
148' @ 0.80%
TBF = 176.30 CY

(35A) PIPE UNDERDRAINS 4"
29' @ 1%
TBF = 4.71 CY

NOTE: ONLY CA-6 WILL BE ALLOWED FOR TRENCH BACKFILL MATERIAL.

FOURTH AVENUE



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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656
Tel: 773.775.4009 Fax 773.775.4014 Email chicago@ciorba.com

REVISIONS	
NAME	DATE

VILLAGE OF LIBERTYVILLE
FOURTH AVENUE IMPROVEMENTS

FOURTH AVENUE
EXISTING AND PROPOSED
DRAINAGE & UTILITIES
STA. 26+00 TO STA. 31+50

SCALE: 1"=20'
DRAWN BY: KDM
DATE: JANUARY, 2005
CHECKED BY: MJL/MRJ