F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
0285	01-00052-00-FP	WILL	71	24
STA. 12+00		TO STA. 20+00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83956

68
STA 17+00, 18' RT
IN TA T24 F&G
RIM EL=676.61
N 12" INV=671.21

69
STA 17+00, 18' LT
CB TA 4' DIA T24F&G
RIM EL=676.61
S 12" INV=669.59
N 12" INV=667.59

70
STA 17+00, 31' LT
MH TA 4' DIA T1F CL
RIM EL=676.50
S 12" INV=667.52
E 15" INV=667.17

73
STA 19+00, 18' RT
CB TA 4' DIA T24F&G
RIM EL=680.15
N 12" INV=672.78

74
STA 19+00, 18' LT
CB TA 4' DIA T24F&G
RIM EL=680.15
S 12" INV=671.16
N 12" INV=669.16

75
STA 19+00, 35.5' LT
MH TA 4' DIA T1F CL
RIM EL=681.50
S 12" INV=668.37
W 15" INV=666.47
E 15" INV=666.37

201
STA 15+15, 18' LT
CB TA 4' DIA T24F&G
RIM EL=671.54
S 12" INV=666.03

202
STA 15+15, 18' RT
CB TA 4' DIA T24F&G
RIM EL=671.54
N 12" INV=663.65

205
STA 15+15, 0.0' RT
MH TA 4' DIA T1F CL
RIM EL=671.90
N 12" INV=665.22
S 12" INV=663.57
W 18" INV=663.22

209
STA 13+75, 18' LT
CB TA 4' DIA T24F&G
RIM EL=667.40
SW 12" INV=663.46

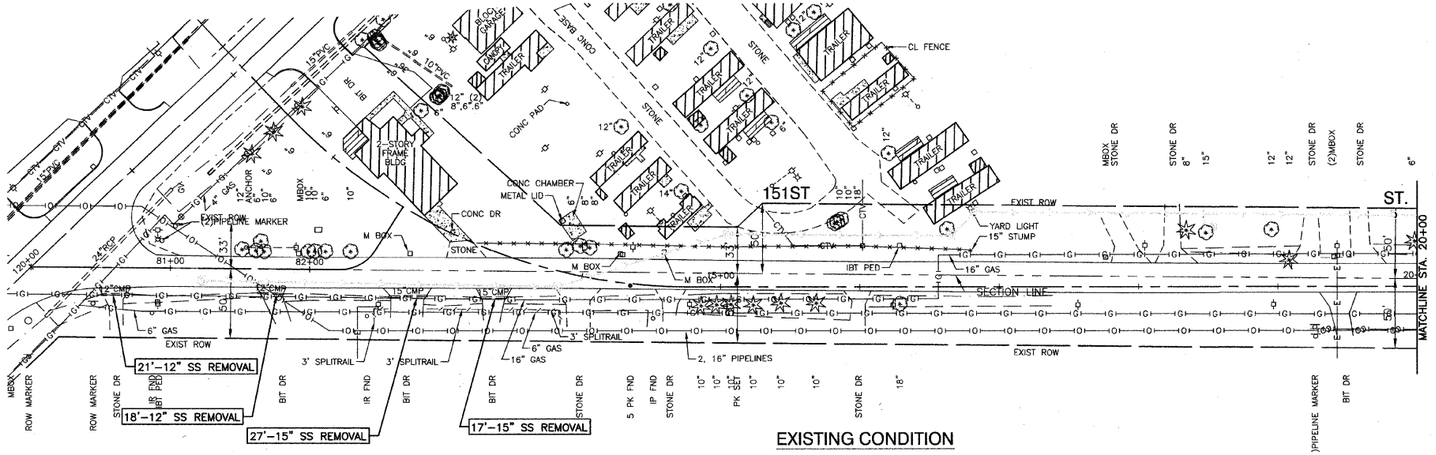
210
STA 13+75, 4.6' RT
MH TA 4' DIA T1F CL
RIM EL=667.80
NE 12" INV=663.35
E 18" INV=662.85
NW 18" INV=662.75

212
STA 11+91, 36' LT
CB TC T8G
RIM EL=664.20
SE 12" INV=662.89

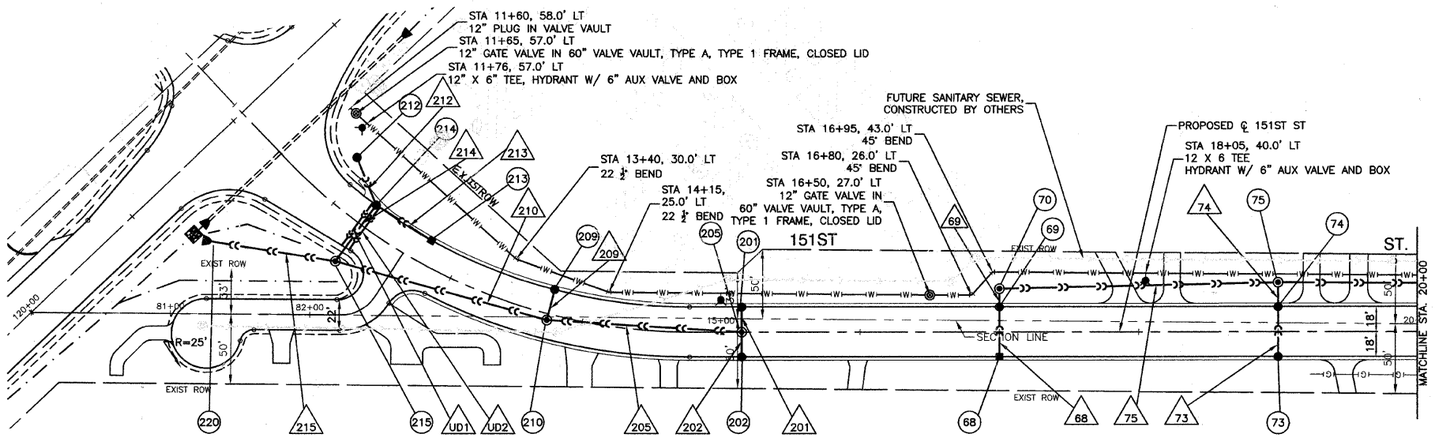
213
STA 12+75, 18' LT
IN TA T24F&G
RIM EL=665.43
NW 12" INV=662.93

214
STA 12+26, 18' LT
CB TA 4' DIA FS T1F OL
RIM EL=665.19
NW 12" INV=662.72
SE 12" INV=662.72
SW 12" INV=662.72
(2) SE 4" UD INV=663.00

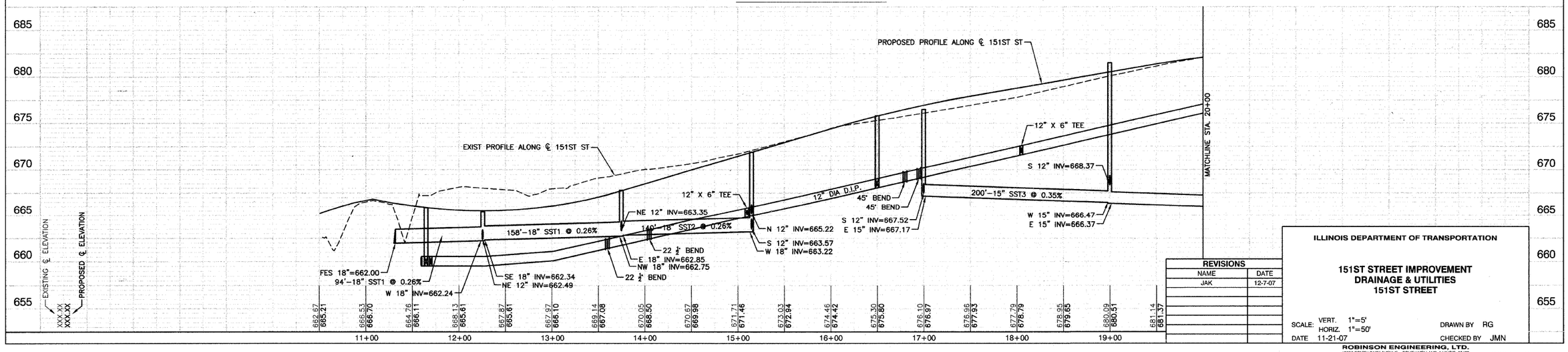
215
STA 12+26, 32' RT
MH TA 4' DIA FS T1F CL
RIM EL=665.43
NE 12" INV=662.49
SE 18" INV=662.34
W 18" INV=662.24



EXISTING CONDITION



PROPOSED IMPROVEMENT



68 36'-12" SST2 CL III @ 4.50% (14.4)

69 13'-12" SST2 CL III @ 0.50% (3.2)

73 36'-12" SST2 CL III @ 4.50% (33.8)

74 18'-12" SST3 CL IV @ 4.50% (4.6)

75 334'-15" SST3 CL IV @ 0.35% (106.5)

201 18'-12" SST2 CL III @ 4.50% (6.9)

202 18'-12" SST2 CL III @ 0.45% (16.6)

205 140'-18" SST2 CL III @ 0.26% (101.6)

209 23'-12" SST2 CL III @ 0.45% (4.1)

210 158'-18" SST1 CL IV @ 0.26% (22.9)

212 37'-12" SST1 CL IV @ 0.45% (3.7)

213 47'-12" SST1 CL IV @ 0.45% (4.7)

214 50'-12" SST1 CL IV @ 0.45% (5.0)

215 94'-18" SST1 CL IV @ 0.26% (0.0)

UD1 36'-4" UD @ 2.00%

UD2 36'-4" UD @ 2.00%

REVISIONS	
NAME	DATE
JAK	12-7-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

151ST STREET IMPROVEMENT
DRAINAGE & UTILITIES
151ST STREET

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DRAWN BY RG
DATE 11-21-07
CHECKED BY JMN

ROBINSON ENGINEERING, LTD.
17050 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473
(708) 331-6700 FAX (708) 331-3826
ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128

01179-STRM-02