66 STA 20+76.0, 26.0' RT
MAN TA 4 DIA T1F CL
RIM = 784.10
INV = 776.48 (12" E)
INV = 778.38 (12" NE)
INV = 776.38 (15" W)

67 STA 20+81.8, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 783.70
INV = 780.04 (12" E)
INV = 778.78 (12" N)
INV = 778.42 (12" SW)

68 STA 20+81.8, 20.5' LT
CB TA 4 DIA T11V F&G
RIM = 783.70
INV = 779.16 (12" S)

69 STA 21+10.0, 20.5' RT
INLETS TA T11V F&G
RIM = 784.30
INV = 780.30 (12" W)

70 STA 22+94.0, 26.0' RT
MAN TA 4 DIA T1F CL
RIM = 790.28
INV = 783.06 (12" E)
INV = 784.14 (12" NE)
INV = 782.96 (12" W)

71 STA 23+00.0, 20.6' RT
CB TA 4 DIA T11V F&G
RIM = 789.97
INV = 784.26 (12" N)
INV = 784.16 (12" SW)

72 STA 23+13.4, 28.0' LT
CB TA 4 DIA T11V F&G
RIM = 790.25
INV = 784.59 (12" N)
INV = 784.43 (12" S)

73 STA 23+18.59, 40.7' LT
CB TA 4 DIA T8G
RIM = 790.30
INV = 784.79 (12" NE)
INV = 784.69 (12" S)

74 STA 23+47.9, 63.2' LT
CB TC T8G
RIM = 791.26
INV = 785.15 (12" SW)

75 STA 23+75.0, 30.0' RT
MAN TA 4 DIA T1F CL
RIM = 793.98
INV = 785.50 (12" E)
INV = 787.40 (12" NE)
INV = 787.40 (12" S)
INV = 785.40 (12" W)

76 STA 23+75.0, 40.0' RT
CB TC T8G
RIM = 796.09
INV = 787.46 (12" N)

77 STA 23+92.4, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 793.24
INV = 789.57 (12" E)
INV = 788.86 (12" N)
INV = 787.72 (12" SE)

78 STA 23+92.4, 20.5' LT
INLETS TA T11V F&G
RIM = 793.24
INV = 789.24 (12" S)

79 STA 24+10.0, 20.5' RT
INLETS TA T11V F&G
RIM = 793.87
INV = 789.87 (12" W)

80 STA 24+94.0, 26.0' RT
MAN TA 4 DIA T1F CL
RIM = 797.36
INV = 790.98 (12" NE)
INV = 790.98 (12" E)
INV = 788.98 (12" W)

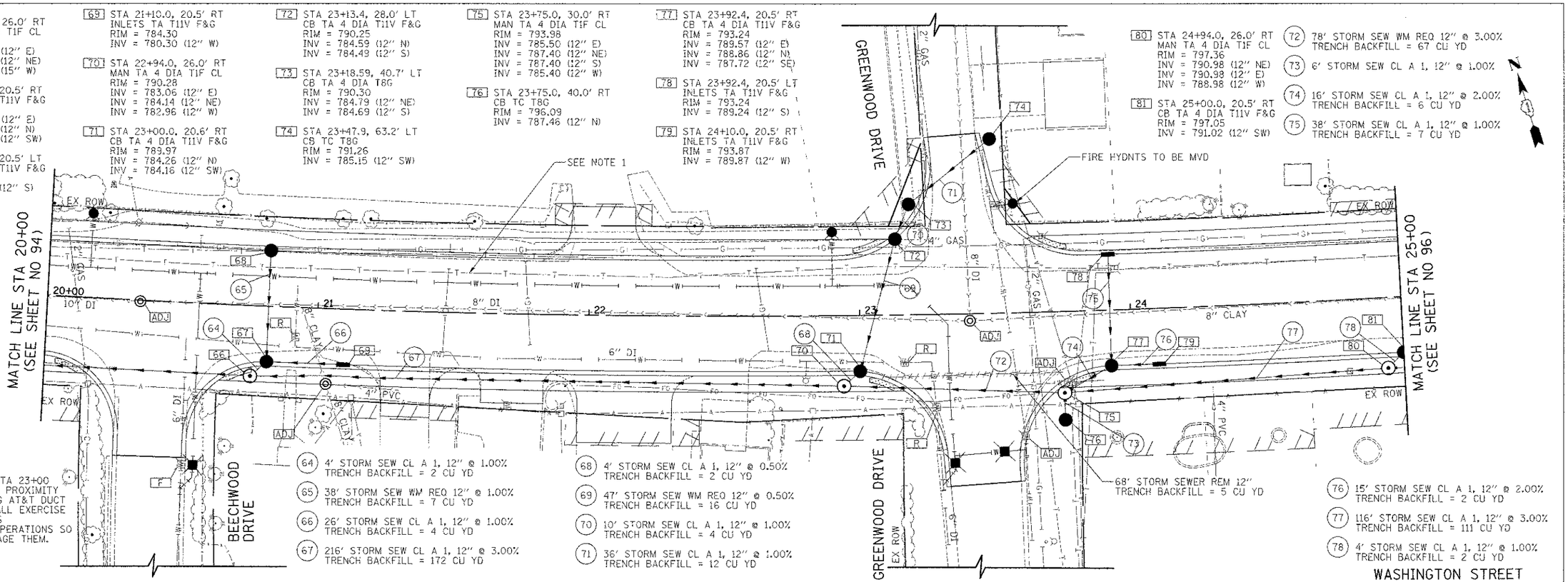
81 STA 25+00.0, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 797.05
INV = 791.02 (12" SW)

72 78' STORM SEW WM REQ 12" @ 3.00%
TRENCH BACKFILL = 67 CU YD

73 6' STORM SEW CL A 1, 12" @ 1.00%

74 16' STORM SEW CL A 1, 12" @ 2.00%
TRENCH BACKFILL = 6 CU YD

75 38' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 7 CU YD



NOTE:

1. STA 21+00 TO STA 23+00 BECAUSE OF THE PROXIMITY OF THE EXISTING AT&T DUCT CONTRACTOR SHALL EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM.

64 4' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 2 CU YD

65 38' STORM SEW WM REQ 12" @ 1.00%
TRENCH BACKFILL = 7 CU YD

66 26' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 4 CU YD

67 216' STORM SEW CL A 1, 12" @ 3.00%
TRENCH BACKFILL = 172 CU YD

68 4' STORM SEW CL A 1, 12" @ 0.50%
TRENCH BACKFILL = 2 CU YD

69 47' STORM SEW WM REQ 12" @ 0.50%
TRENCH BACKFILL = 16 CU YD

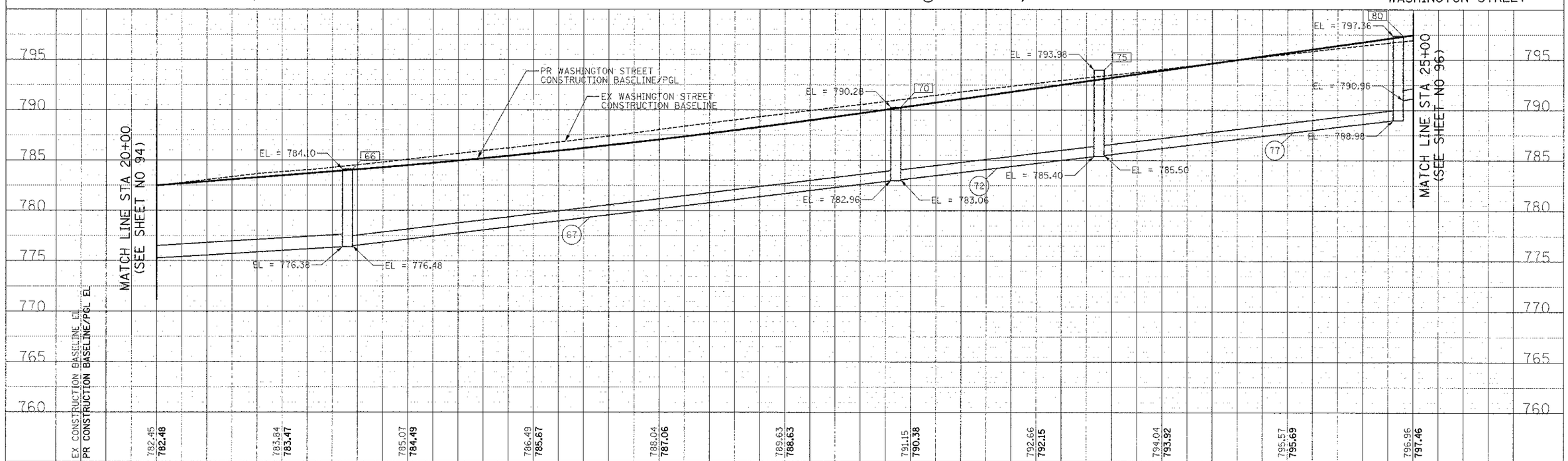
70 10' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 4 CU YD

71 36' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 12 CU YD

76 15' STORM SEW CL A 1, 12" @ 2.00%
TRENCH BACKFILL = 2 CU YD

77 116' STORM SEW CL A 1, 12" @ 3.00%
TRENCH BACKFILL = 111 CU YD

78 4' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 2 CU YD



FINAL SURVEY	SURVEYED	BY:	DATE
	PLOTTED		
NOTE BOOK	CHECKED		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY:	DATE
	PLOTTED		
NOTE BOOK	CHECKED		
	AREAS		
NO.	AREAS CHECKED		

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www.civiltechinc.com

DESIGNED - PK	REVISED - 4/10/2013
DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 12/17/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 20 40

DRAINAGE AND UTILITIES

SHEET NO. 5 OF 15 SHEETS | STA. 20+00 TO STA. 25+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	95

CONTRACT NO. 63765

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT