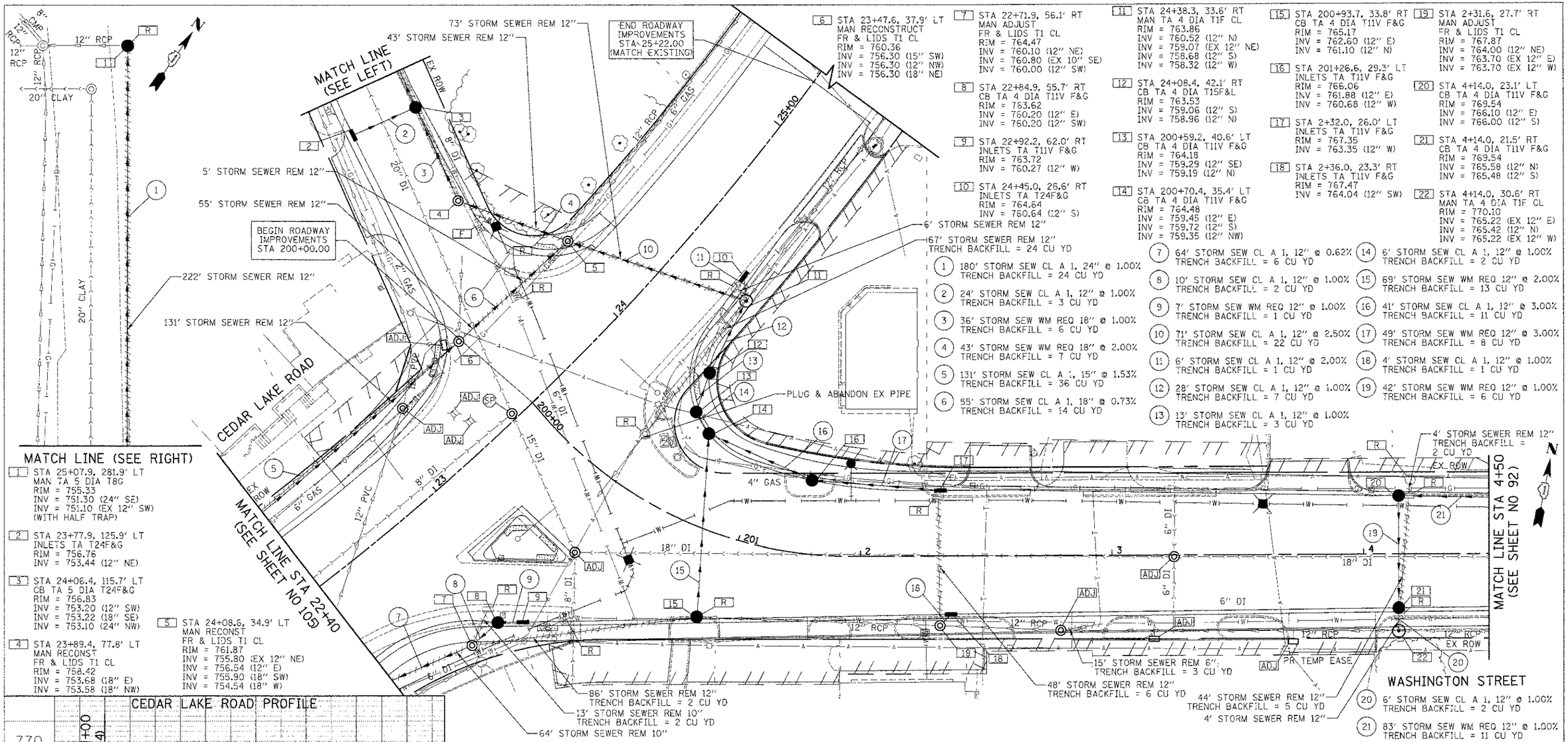


1 STA 25+07.9, 281.9' LT
MAN TA 5 DIA T8G
RIM = 755.33
INV = 751.30 (24" SE)
INV = 751.10 (EX 12" SW)
(WITH HALF TRAP)

2 STA 23+77.9, 125.9' LT
INLETS TA T24F&G
RIM = 756.76
INV = 753.44 (12" NE)

3 STA 24+06.4, 115.7' LT
CB TA 5 DIA T24F&G
RIM = 756.83
INV = 753.20 (12" SW)
INV = 753.22 (18" SE)
INV = 753.10 (24" NW)

4 STA 23+89.4, 77.8' LT
MAN RECONST
FR & LIDS T1 CL
RIM = 758.42
INV = 753.68 (18" E)
INV = 753.58 (18" NW)

5 STA 24+08.6, 34.9' LT
MAN RECONST
FR & LIDS T1 CL
RIM = 761.87
INV = 755.80 (EX 12" NE)
INV = 756.54 (12" E)
INV = 755.90 (18" SW)
INV = 754.54 (18" W)

6 STA 23+47.6, 37.9' LT
MAN RECONSTRUCT
FR & LIDS T1 CL
RIM = 760.36
INV = 756.30 (15" SW)
INV = 756.30 (12" NW)
INV = 756.30 (18" NE)

7 STA 22+71.9, 56.1' RT
MAN ADJUST
FR & LIDS T1 CL
RIM = 764.47
INV = 760.10 (12" NE)
INV = 760.80 (EX 10" SE)
INV = 760.00 (12" SW)

8 STA 22+84.9, 55.7' RT
CB TA 4 DIA T11V F&G
RIM = 763.62
INV = 760.20 (12" E)
INV = 760.20 (12" SW)

9 STA 22+92.2, 62.0' RT
INLETS TA T11V F&G
RIM = 763.72
INV = 760.27 (12" W)

10 STA 24+45.0, 26.6' RT
INLETS TA T24F&G
RIM = 764.64
INV = 760.64 (12" S)

11 STA 24+38.3, 33.6' RT
MAN TA 4 DIA T1F CL
RIM = 763.86
INV = 760.52 (12" N)
INV = 759.07 (EX 12" NE)
INV = 758.68 (12" S)
INV = 758.32 (12" W)

12 STA 24+08.4, 42.1' RT
CB TA 4 DIA T15F&L
RIM = 763.53
INV = 759.06 (12" S)
INV = 758.96 (12" N)

13 STA 200+59.2, 40.6' LT
CB TA 4 DIA T11V F&G
RIM = 764.18
INV = 759.29 (12" SE)
INV = 759.19 (12" N)

14 STA 200+70.4, 35.4' LT
CB TA 4 DIA T11V F&G
RIM = 764.48
INV = 759.45 (12" E)
INV = 759.72 (12" S)
INV = 759.35 (12" NW)

15 STA 200+93.7, 33.8' RT
CB TA 4 DIA T11V F&G
RIM = 765.17
INV = 762.60 (12" E)
INV = 761.10 (12" N)

16 STA 201+26.6, 29.3' LT
INLETS TA T11V F&G
RIM = 766.06
INV = 761.88 (12" E)
INV = 760.68 (12" W)

17 STA 2+32.0, 26.0' LT
INLETS TA T11V F&G
RIM = 767.35
INV = 763.35 (12" W)

18 STA 2+36.0, 23.3' RT
INLETS TA T11V F&G
RIM = 767.47
INV = 764.04 (12" SW)

19 STA 2+31.6, 27.7' RT
MAN ADJUST
FR & LIDS T1 CL
RIM = 767.87
INV = 764.00 (12" NE)
INV = 763.70 (EX 12" E)
INV = 763.70 (EX 12" W)

20 STA 4+14.0, 23.1' LT
CB TA 4 DIA T11V F&G
RIM = 769.54
INV = 766.10 (12" E)
INV = 766.00 (12" S)

21 STA 4+14.0, 21.5' RT
CB TA 4 DIA T11V F&G
RIM = 769.54
INV = 765.58 (12" N)
INV = 765.48 (12" S)

22 STA 4+14.0, 30.6' RT
MAN TA 4 DIA T1F CL
RIM = 770.10
INV = 765.22 (EX 12" E)
INV = 765.42 (12" N)
INV = 765.22 (EX 12" W)

1 180' STORM SEW CL A 1, 24" @ 1.00%
TRENCH BACKFILL = 24 CU YD

2 24' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 3 CU YD

3 36' STORM SEW WM REQ 18" @ 1.00%
TRENCH BACKFILL = 6 CU YD

4 43' STORM SEW WM REQ 18" @ 2.00%
TRENCH BACKFILL = 7 CU YD

5 131' STORM SEW CL A 1, 15" @ 1.53%
TRENCH BACKFILL = 36 CU YD

6 55' STORM SEW CL A 1, 18" @ 0.73%
TRENCH BACKFILL = 14 CU YD

7 64' STORM SEW CL A 1, 12" @ 0.62%
TRENCH BACKFILL = 6 CU YD

8 10' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 2 CU YD

9 7' STORM SEW WM REQ 12" @ 1.00%
TRENCH BACKFILL = 1 CU YD

10 71' STORM SEW CL A 1, 12" @ 2.50%
TRENCH BACKFILL = 22 CU YD

11 6' STORM SEW CL A 1, 12" @ 2.00%
TRENCH BACKFILL = 1 CU YD

12 28' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 7 CU YD

13 13' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 3 CU YD

14 6' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 2 CU YD

15 69' STORM SEW WM REQ 12" @ 2.00%
TRENCH BACKFILL = 13 CU YD

16 41' STORM SEW CL A 1, 12" @ 3.00%
TRENCH BACKFILL = 11 CU YD

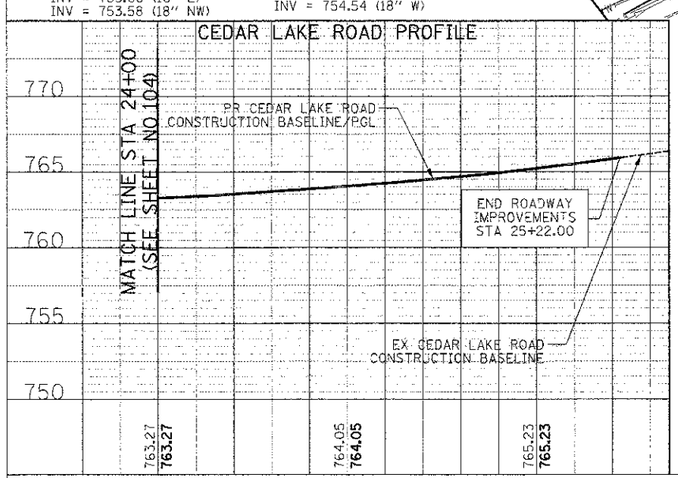
17 49' STORM SEW WM REQ 12" @ 3.00%
TRENCH BACKFILL = 8 CU YD

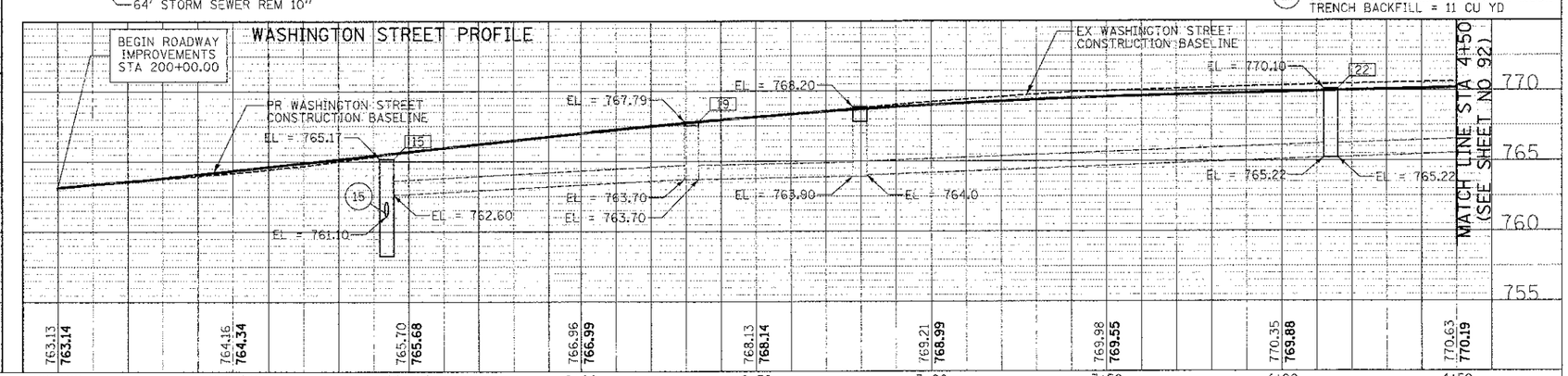
18 4' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 1 CU YD

19 42' STORM SEW WM REQ 12" @ 1.00%
TRENCH BACKFILL = 6 CU YD

20 6' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 2 CU YD

21 83' STORM SEW WM REQ 12" @ 1.00%
TRENCH BACKFILL = 11 CU YD





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

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

CIVILTECH
450 E Devon Ave, Suite 300
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED	- PK	REVISED	-
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. 1 OF 15 SHEETS | STA. 200+00 TO STA. 4+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	91
		CONTRACT NO. 63765		

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