

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7	11-00034 -02-SW	MONROE	68	1

FEDERAL AID PROJECT  
CONTRACT 97577

**DESIGN CLASSIFICATION**

ROAD CLASSIFICATION = MINOR ARTERIAL (URBAN)  
2013 ADT = 4900 VPD  
DESIGN SPEED 40 MPH-3R DESIGN STANDARDS  
POSTED SPEED: 35 MPH

**LIST OF STANDARDS**

	000001-06
	001008
EROSION CONTROL	280001-07
PAVEMENT	420001-08
SIDEWALK	424021-03
	424026-01
DRAINAGE	542401-01
	602301-04
	602401-03
	602601-03
	604001-04
	604006-05
	604011-05
	604036-03
	604041-03
ROADWAY	606001-06
	664001-02
TRAFFIC CONTROL	701501-06
	701901-04
	BLR 22-7
	BLR 24-2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**  
**FAU 9314 LAKEVIEW DRIVE (CH 7 EXTENSION)**  
**LAKEVIEW DRIVE SIDEWALK**  
SECTION 11-00034-02-SW  
PROJECT NO. M5011(355)  
CITY OF WATERLOO  
COUNTY OF MONROE  
JOB NO. C-98-376-11



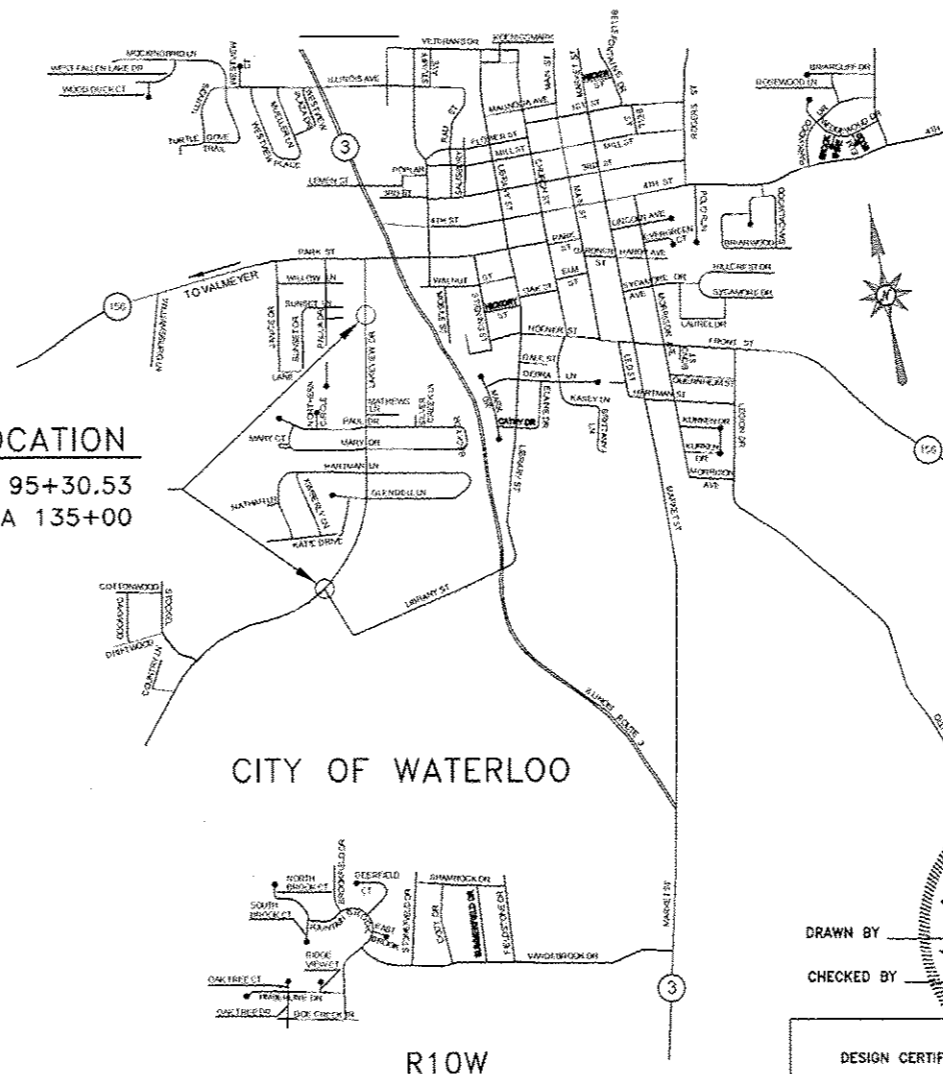
LOCATION OF SECTION INDICATED THUS:

SCALES: PLAN: 1" = 50'  
SECTIONS: HORIZ. 1" = 10'  
VERT. 1" = 5'

**INDEX OF SHEETS**

SHEET NUMBER	DESCRIPTION
1	COVER
2	SUMMARY OF QUANTITIES
3	GENERAL NOTES
4	TYPICAL SECTIONS
5-11	PLAN & PROFILE
12	EROSION CONTROL PLAN
13-16	DETAILS AND SCHEDULES
17-20	MSE WALL DETAILS
21-68	CROSS SECTIONS

**PROJECT LOCATION**  
BEGIN PROJECT STA 95+30.53  
END PROJECT STA 135+00



CITY OF WATERLOO

R10W

**LOCATION MAP**  
DRAWING NOT TO SCALE  
LENGTH OF PROJECT 3969.47 FEET - 0.752 MILES  
NET LENGTH 3969.47 FEET - 0.752 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED Dec 9 2014  
  
Monroe County Engineer  
Monroe County Highway Department

APPROVED Dec 9 2014  
  
Mayor  
City of Waterloo

Passed Jan 5 2015  
  
District 8 Engineer  
Local Roads and Streets

Released for Bid Based on Limited Review Jan 5 2015  
  
Deputy Director of Highways  
Region 5 Engineer

DRAWN BY AWM  
CHECKED BY BAF  
**AARON W. METZGER**  
062-055382  
REGISTERED PROFESSIONAL ENGINEER  
OF THE STATE OF ILLINOIS  
DATE 06-03-14

DESIGN CERTIFICATION  
These plans were prepared by me or a full time member of my staff under my personal supervision.  
  
County Engineer Date 12-09-14  
Illinois Registered Professional Engineer No. 055382  
Expiration Date: 11/30/15

DRAWING FILE: S:\LAKEVIEW\SIDEWALK\COVER1.DWG

GENERAL NOTES

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314	11-00034	MONROE	68	2
C.H. 7	-02-SW			

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- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012 AND THE LATEST SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIAL.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING MONROE COUNTY (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL.
- ALL TRAFFIC CONTROL (INCLUDING, BUT NOT LIMITED TO WORK ZONE, TEMPORARY AND PERMANENT) SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED AND/OR REMOVED IN ACCORDANCE WITH SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- NO OVERNIGHT LANE CLOSURES ON LAKEVIEW DRIVE SHALL BE ALLOWED.
- TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE RETRO-REFLECTIVE UNLESS OTHERWISE NOTED.
- 1/2" EXPANSION MATERIAL SHALL BE PLACED BETWEEN CURB AND SIDEWALK AT ALL LOCATIONS.
- DITCHES ADJACENT TO EMBANKMENT SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.
- FORMS FOR COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS SHALL BE USED ON SHORT RADIUS CURVES.
- ACCESS SHALL BE PROVIDED FROM PRIVATE ENTRANCES AT ALL LOCATIONS DURING ALL STAGES.
- REMOVAL OF EXISTING AGGREGATE SHOULDER SHALL BE INCLUDED IN THE QUANTITY FOR EARTH EX. MATERIAL MAY BE USED WITHIN EMBANKMENT PER THE STANDARD SPECIFICATIONS SECTION 205.
- THE CONTRACTOR SHALL BE AWARE OF THE POSSIBILITY OF ON-GOING CONSTRUCTION ON LAKEVIEW DRIVE AND IL RTE 156, CONTRACT NO. 76817, AND SHALL USE WHATEVER MEANS POSSIBLE TO COOPERATE PER ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL SAWCUT EDGE OF PAVEMENT THE ENTIRE LENGTH OF PROJECT, 11 FT. OFFSET CENTERLINE, BOTH SIDES.
- FULL DEPTH SAW CUT SHALL BE REQUIRED FOR REMOVING PAVEMENT AT THE EXISTING PAVEMENT OR APPURTENANCE IN PLACE. COST OF SAW CUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR PAVEMENT REMOVAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF EXISTING MAILBOXES ON THE RIGHT SIDE OF LAKEVIEW DRIVE. CONTRACTOR SHALL REMOVE AND REPLACE, WITH A LOCAL AGENCY SUPPLIED, MAILBOXES ON THE LEFT SIDE OF LAKEVIEW DRIVE. CARE SHOULD BE USED IN PROTECTING SAID MAILBOXES. MAILBOX REPLACEMENT WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
- THE PAY ITEM, COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24 SHALL BE SIMILAR TO CURB M-2.06 AND M-2.12 AS SHOWN ON STANDARD 606001-06, EXCEPT THAT DIMENSION "A" SHALL BE 24".
- THERMOPLASTIC PAVEMENT MARKINGS, 6" SHALL BE FOR PEDESTRIAN CROSSWALKS AT EACH SIDE ROAD, LEFT SIDE LAKEVIEW DR.
- EXISTING MANHOLE WITH NEW GRATE, STA. 104+70, DRAINAGE STRUCTURE A7, REFER TO SPECIAL PROVISIONS.
- ALL MISCELLANEOUS REMOVALS REQUIRED TO COMPLETE THE PROJECT WHICH DO NOT HAVE A PAY ITEM, FOR EXAMPLE: CULVERT HEADWALLS, DRIVEWAY BORDERS, LANDSCAPING, SHRUBBERY, ETC. SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL COMPENSATION ALLOWED.
- PAVED SHOULDER REMOVAL (SPECIAL) SHALL BE CONSIDERED 6" IN DEPTH, ANY REMOVAL REQUIRED BELOW THE 6" IS INCLUDED IN THE QUANTITY FOR EARTH EXCAVATION. (REFER TO SPECIAL PROVISIONS)

SALVAGE: EXISTING GUARDRAIL: INCLUDING RAIL, POSTS, TERMINALS & HARDWARE.  
REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION

COMMITMENTS: NONE

EXISTING UTILITIES SHOWN ARE LOCATED FROM SURFACE OBSERVATIONS OR INFORMATION PROVIDED BY THE RESPECTIVE UTILITIES AND MUST BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXACT LOCATION OF WHICH ARE UNKNOWN AND NOT SHOWN. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE RESPECTIVE UTILITIES BEFORE WORK IS BEGUN. FIELD MARKINGS OF UNDERGROUND UTILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 1-800-892-0123 OR BY DIRECT CONTACT WITH NON-MEMBERS OF J.U.L.I.E.

ELECTRIC

CITY OF WATERLOO  
100 W. 4TH STREET  
WATERLOO, ILLINOIS 62298  
1-618-939-8600

MONROE COUNTY CO-OP  
6132 STATE ROUTE 3  
WATERLOO, ILLINOIS 62298  
1-618-939-7171

WATER

CITY OF WATERLOO  
100 W. 4TH STREET  
WATERLOO, ILLINOIS 62298  
1-618-939-8600

TELEPHONE

HARRISONVILLE TELEPHONE COMPANY  
213 SOUTH MAIN STREET  
WATERLOO, ILLINOIS 62298  
1-618-939-6112

CABLE TV

CHARTER COMMUNICATIONS  
210 WEST DIVISION ST.  
MARYVILLE, IL 62062  
1-618-345-8003

SEWER

CITY OF WATERLOO  
100 W. 4TH STREET  
WATERLOO, ILLINOIS 62298  
1-618-939-8600

FIBER OPTIC

HARRISONVILLE TELEPHONE COMPANY  
213 SOUTH MAIN STREET  
WATERLOO, ILLINOIS 62298  
1-618-939-6112

GAS

CITY OF WATERLOO  
100 W. 4TH STREET  
WATERLOO, ILLINOIS 62298  
1-618-939-8600

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

- ALL BITUMINOUS CONCRETE - 112.0 LBS/SQ YD PER 1" THICKNESS
- BITUMINOUS MATERIALS (PRIME COAT) OVER AGGREGATE - 2.47 LB/SQ.YD.
- BITUMINOUS MATERIAL (PRIME COAT) OVER ASPHALT - 0.41 LB/SQ.YD.
- ALL AGGREGATE - 2.05 TONS/CU.YD.

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LAKEVIEW DRIVE SIDEWALK  
GENERAL NOTES  
SEC 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7	11-00034 -02-SW	MONROE	68	3

FEDERAL AID PROJECT  
CONTRACT 97577

### SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	184.0
20200100	EARTH EXCAVATION	CU. YD.	525.0
20400800	FURNISHED EXCAVATION	CU. YD.	3375.0
20800150	TRENCH BACKFILL	CU. YD.	1400.0
25000100	SEEDING, CLASS 1	ACRE	2.3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	207.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	207.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	207.0
25100105	MULCH, METHOD 1	ACRE	2.3
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	230.0
28000305	TEMPORARY DITCH CHECKS	FOOT	320.0
28000400	PERIMETER EROSION BARRIER	FOOT	200.0
28000500	INLET AND PIPE PROTECTION	EACH	25.0
28100707	STONE DUMPED RIP RAP, CLASS A4	SQ. YD.	10.0
35100100	AGGREGATE BASE COURSE, TYPE A	TON	190.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	25.0
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100.0
* 40800025	BITUMINOUS MATERIAL (PRIME COAT)	POUND	346.0
* 40800050	INCIDENTAL HOT MIX ASPHALT SURFACING	TON	52.0
42000100	PORTLAND CEMENT CONCRETE PAVEMENT, 6"	SQ. YD.	88.0
42000200	PORTLAND CEMENT CONCRETE PAVEMENT, 7"	SQ. YD.	698.0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	SQ. FT.	20,535.0
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	SQ. FT.	1452.0
42400800	DETECTABLE WARNINGS	SQ. FT.	144.0
44000100	PAVEMENT REMOVAL	SQ. YD.	690.0
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	232.0

\* SPECIALTY ITEMS

### SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
50105220	PIPE CULVERT REMOVAL	FOOT	442.0
54210182	PIPE ELBOW, 12"	EACH	1.0
54213447	END SECTIONS 12"	EACH	1.0
54213450	END SECTIONS 15"	EACH	1.0
54213453	END SECTIONS 18"	EACH	1.0
54213459	END SECTIONS 24"	EACH	2.0
54248510	CONCRETE COLLAR	CU YD	1.2
55080050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	834.0
55080070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	1310.0
55080090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	2352.0
55080120	STORM SEWERS, CLASS B, TYPE 1 24"	FOOT	593.0
55080140	STORM SEWERS, CLASS B, TYPE 1, 30"	FOOT	164.0
60218300	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4.0
60218400	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4.0
60235700	INLETS, TYPE A, TYPE 3 FRAME & GRATE	EACH	2.0
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	17.0
60236600	INLETS, TYPE A, TYPE 9 FRAME & GRATE	EACH	16.0
60404305	FRAMES & GRATES, TYPE 3V	EACH	1.0
60600095	CLASS SI CONCRETE OUTLET	CU YD	0.33
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3986.0
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	2570.0
* 63200310	GUARDRAIL REMOVAL	FOOT	812.5
* 66400205	CHAIN LINK FENCE, 5'	FOOT	765.0
67100100	MOBILIZATION	L SUM	1.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 5"	FOOT	537.0
* X0323443	PRECAST MODULAR RETAINING WALL	SQ. FT.	5806.0

\* SPECIALTY ITEMS

### SUMMARY OF QUANTITIES

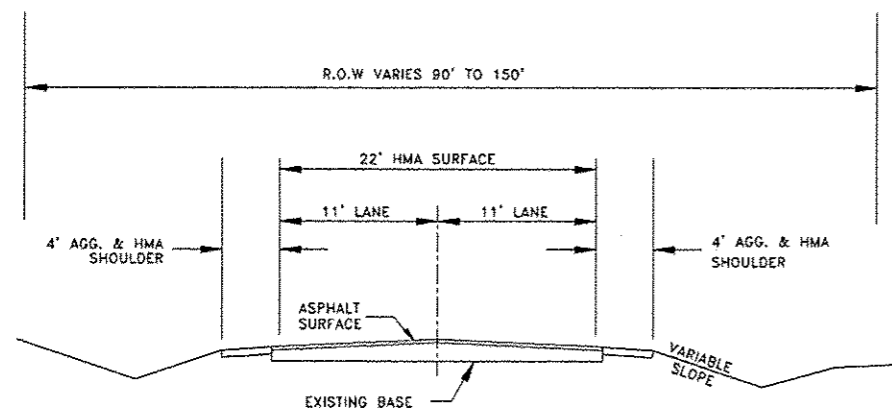
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
X4404260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ. YD.	418.0
X6020074	INLETS, TYPE A, TYPE 3V FRAME & GRATE	EACH	24.0
X6020084	MANHOLE, SPECIAL	EACH	1.0
X6020182	DRAINAGE STRUCTURE, SPECIAL	L SUM	1.0
X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1.0
XX005239	PIPE TEE, 15" PIPE WITH 12" RISER	EACH	4.0
XX003474	PIPE TEE, 18" PIPE WITH 12" RISER	EACH	6.0
XX007269	PIPE TEE, 24" PIPE WITH 12" RISER	EACH	1.0
XX008647	PIPE TEE, 24" PIPE WITH 15" RISER	EACH	1.0
<del>XX009004</del>	PIPE TEE, 18" PIPE WITH 15" RISER	EACH	1.0
60608521	COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.24	FOOT	983.0

\* SPECIALTY ITEMS

LAKEVIEW DRIVE SIDEWALK  
SUMMARY OF QUANTITIES  
SEC 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS

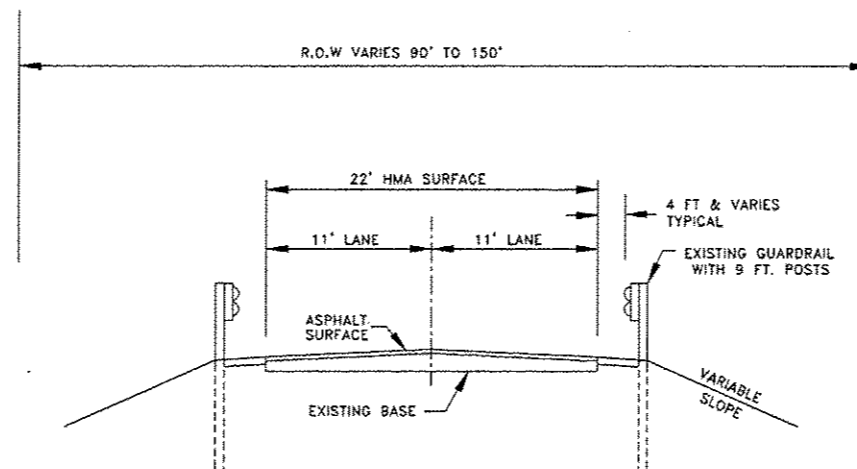
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FAU 9314 C.H. 7	11-00034 -02-SW	MONROE	68	4

FEDERAL AID PROJECT  
CONTRACT 97577



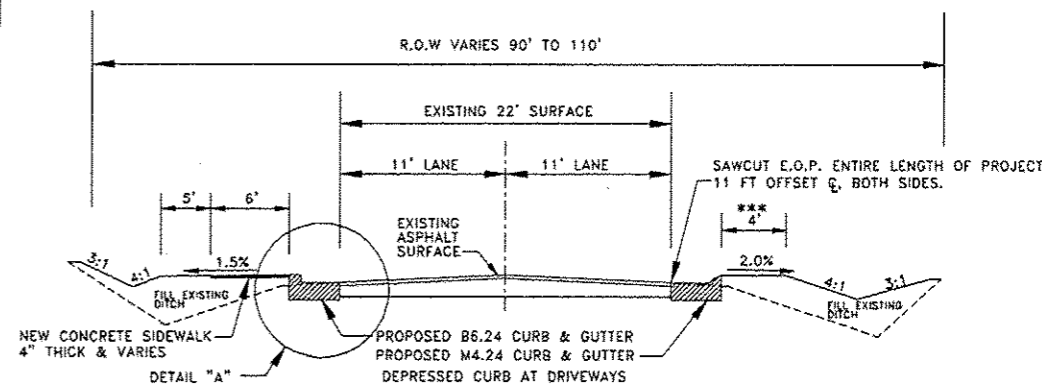
**EXISTING ROAD SECTION**

LEFT: STA. 95+30 TO STA. 105+50  
STA. 108+00 TO STA. 128+10  
STA. 133+75 TO STA. 135+00  
RIGHT: STA. 96+50 TO STA. 104+50  
STA. 108+50 TO STA. 128+30  
STA. 133+75 TO STA. 135+00



**EXISTING GUARDRAIL SECTION**

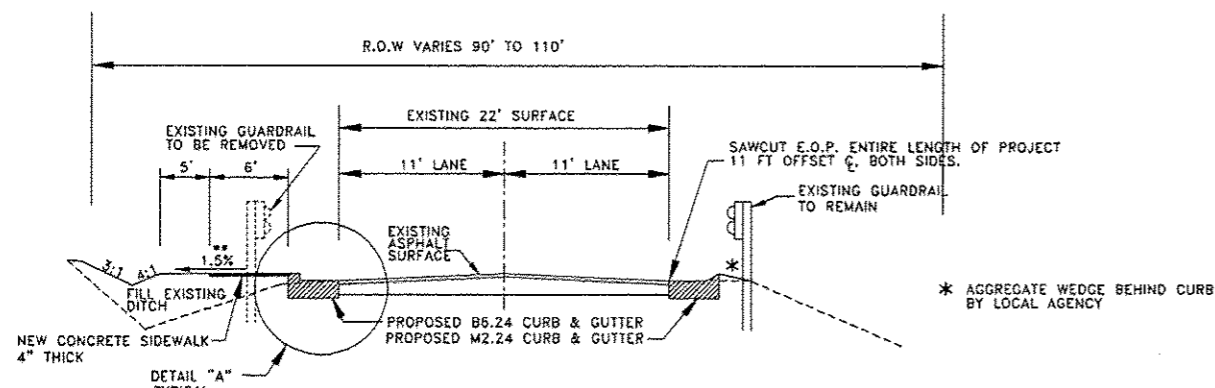
LEFT: STA. 105+50 TO STA. 108+00  
STA. 128+10 TO STA. 133+75  
RIGHT: STA. 104+50 TO STA. 108+50  
STA. 128+30 TO STA. 133+75



**PROPOSED ROAD SECTION**

LEFT: STA. 95+30 TO STA. 105+50  
STA. 108+00 TO STA. 124+75  
STA. 133+75 TO STA. 135+00  
RIGHT: STA. 96+50 TO STA. 104+50  
STA. 108+50 TO STA. 124+75  
STA. 133+75 TO STA. 135+00

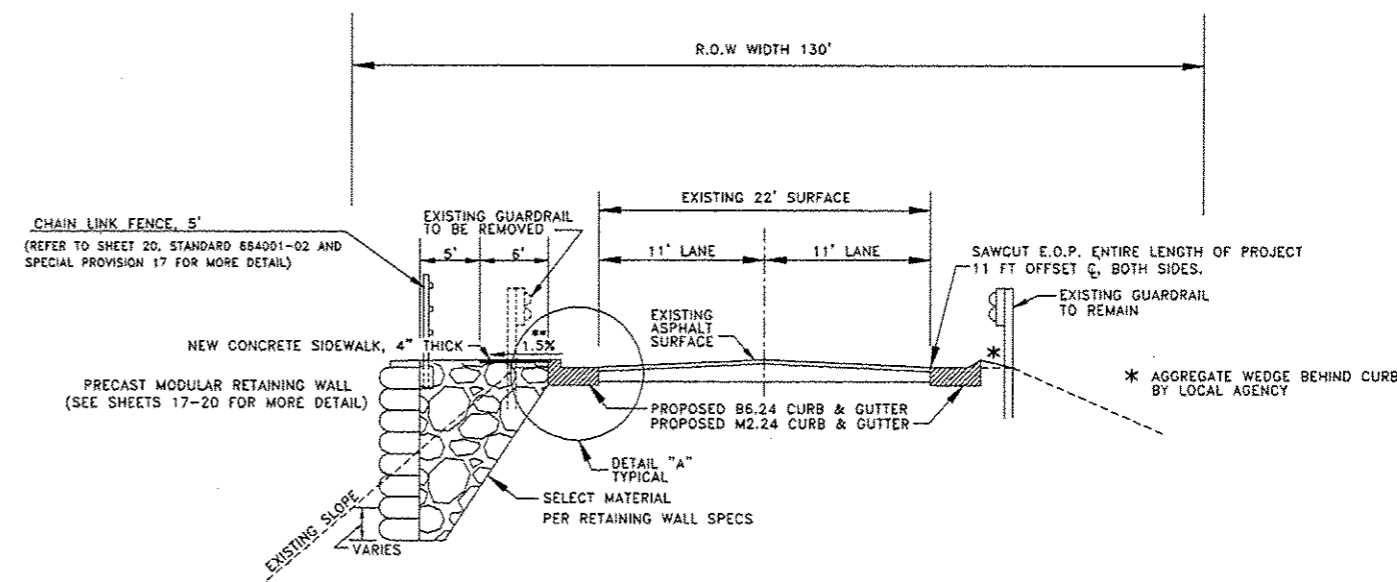
\*\*\* CONSTRUCT 3" THICK HMA MAILBOX STA. 101+50 TO STA. 104+50 RIGHT SIDE



**PROPOSED GUARDRAIL SECTION**

LEFT: STA. 105+50 TO STA. 106+00  
STA. 107+50 TO STA. 108+00  
STA. 131+50 TO STA. 133+75  
RIGHT: STA. 104+50 TO STA. 106+00  
STA. 107+50 TO STA. 108+50  
STA. 131+50 TO STA. 133+75

\* AGGREGATE WEDGE BEHIND CURB BY LOCAL AGENCY



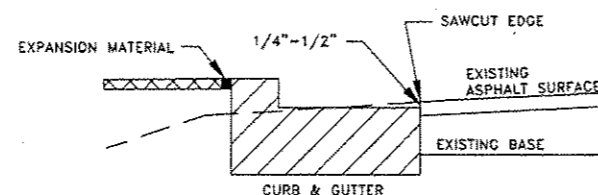
**PROPOSED RETAINING WALL SECTION**

STA. 106+00 TO 107+50  
STA. 124+75 TO STA. 131+50

\*\* AT NO LOCATION SHALL THE CROSS SLOPE OF THE SIDEWALK BE GREATER THAN 2.0%

LAKEVIEW DRIVE SIDEWALK  
TYPICAL SECTIONS  
SEC 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS

DRAWING NOT TO SCALE



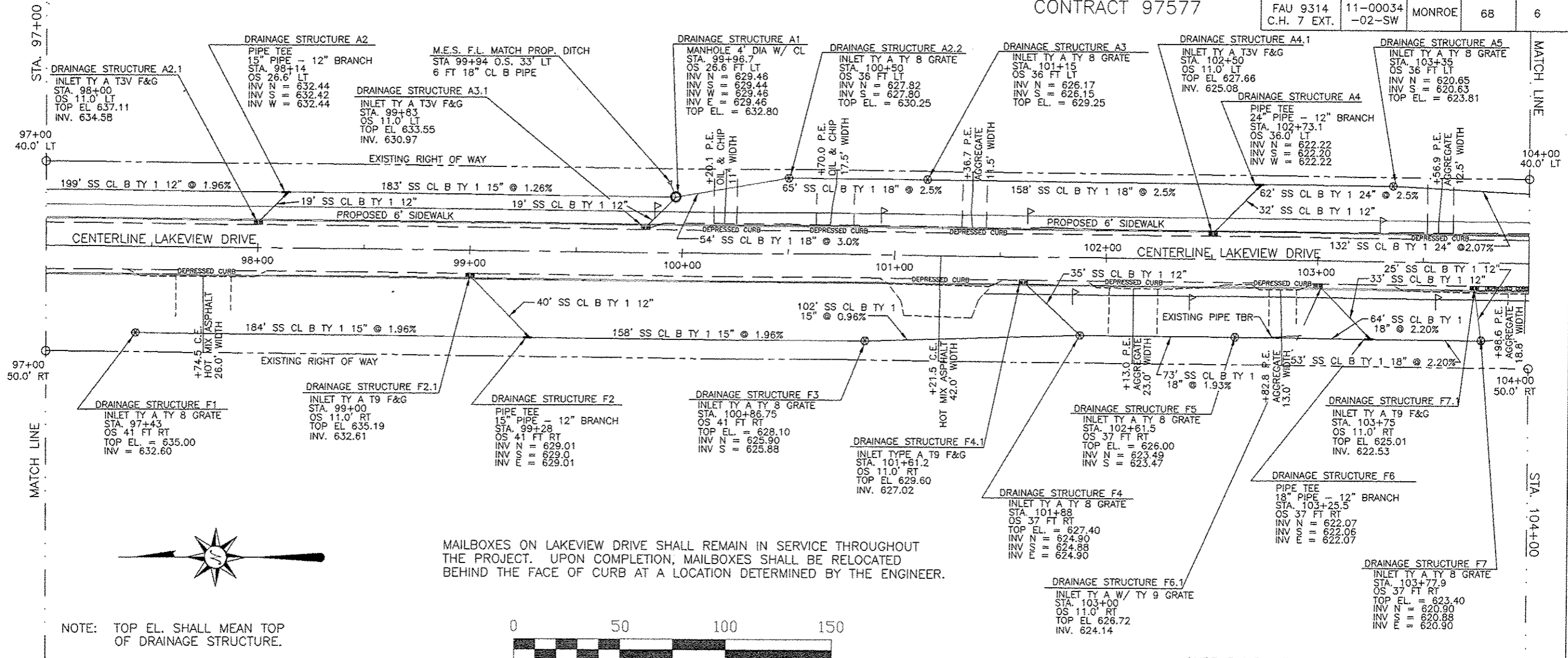
GUTTER FLAG TO BE RECESSED  
BELOW THE EXISTING E.O.P.  
BOTH SIDES LAKEVIEW DRIVE

**DETAIL "A"**



FEDERAL AID PROJECT  
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7 EXT.	11-00034 -02-SW	MONROE	68	6

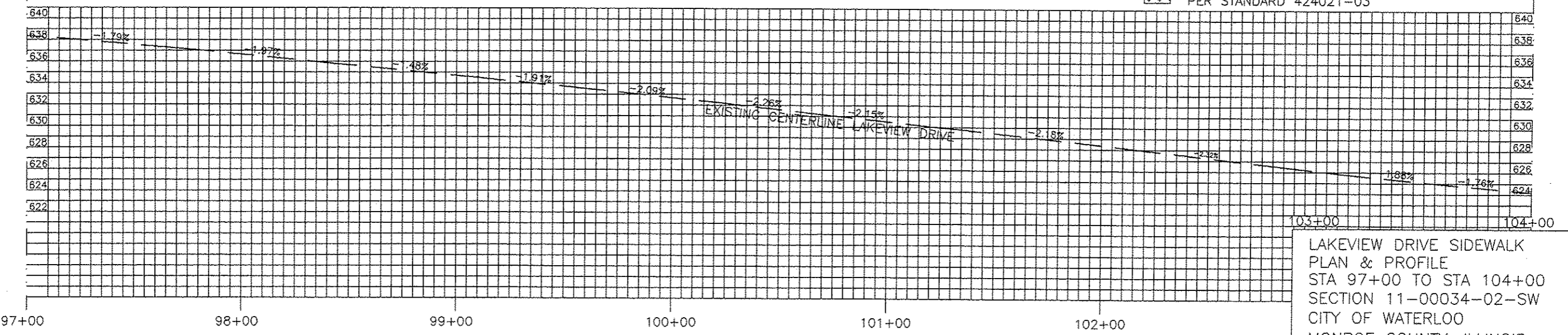


NOTE: TOP EL. SHALL MEAN TOP OF DRAINAGE STRUCTURE.

MAILBOXES ON LAKEVIEW DRIVE SHALL REMAIN IN SERVICE THROUGHOUT THE PROJECT. UPON COMPLETION, MAILBOXES SHALL BE RELOCATED BEHIND THE FACE OF CURB AT A LOCATION DETERMINED BY THE ENGINEER.



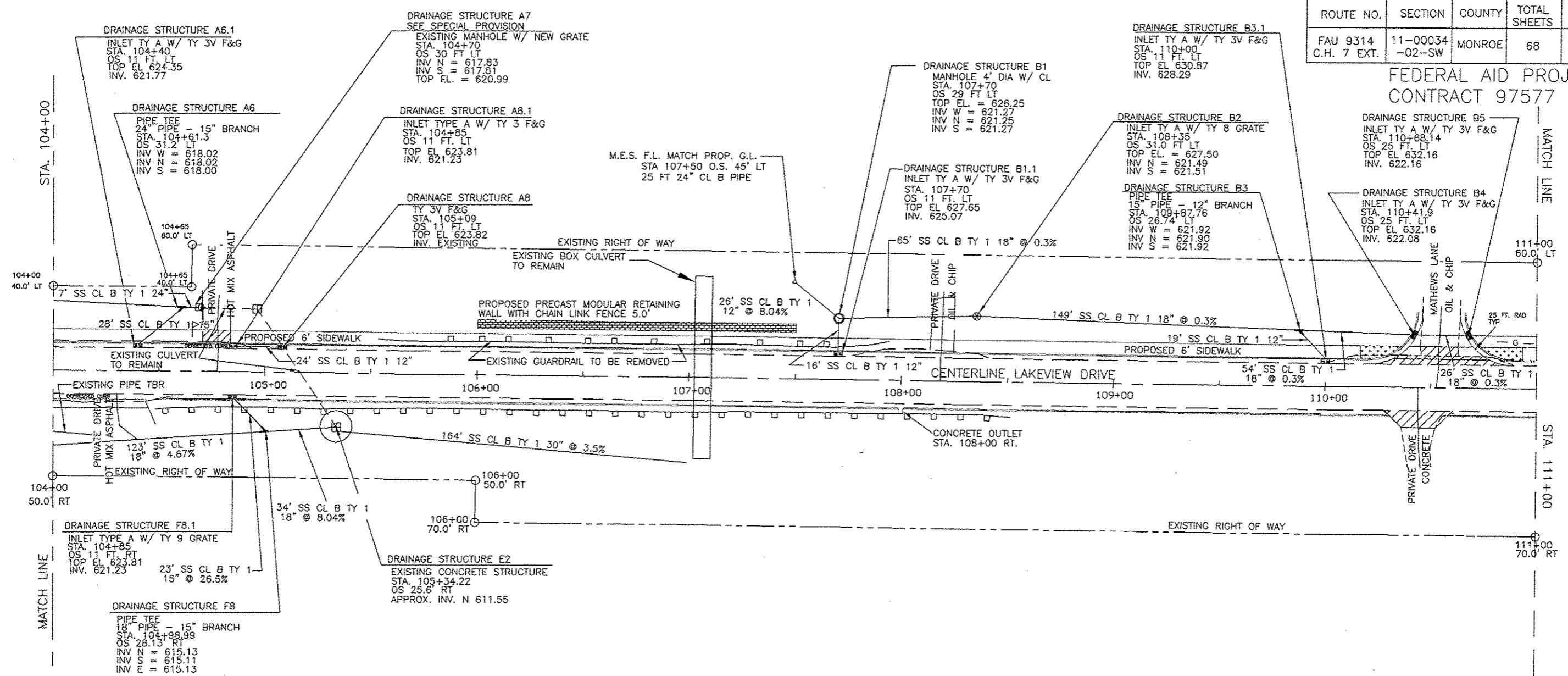
CURB RAMP WITH DETECTABLE WARNING PER STANDARD 424021-03



LAKEVIEW DRIVE SIDEWALK  
PLAN & PROFILE  
STA 97+00 TO STA 104+00  
SECTION 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7 EXT.	11-00034 -02-SW	MONROE	68	7

FEDERAL AID PROJECT  
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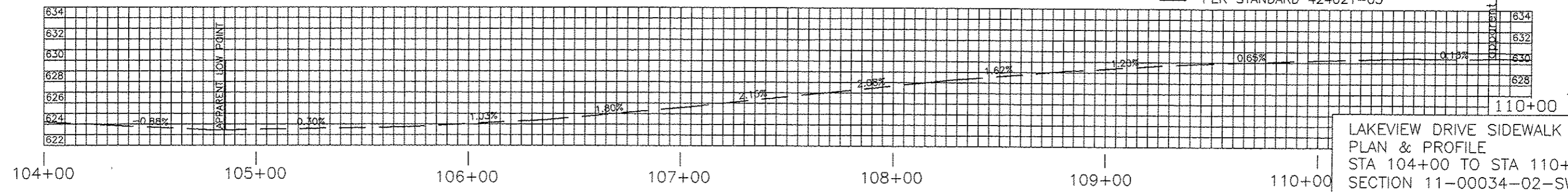


NOTE: TOP EL. SHALL MEAN TOP OF DRAINAGE STRUCTURE.



REMOVE AND REPLACE EXISTING PAVEMENT PER DETAIL SHEET 14 & 15

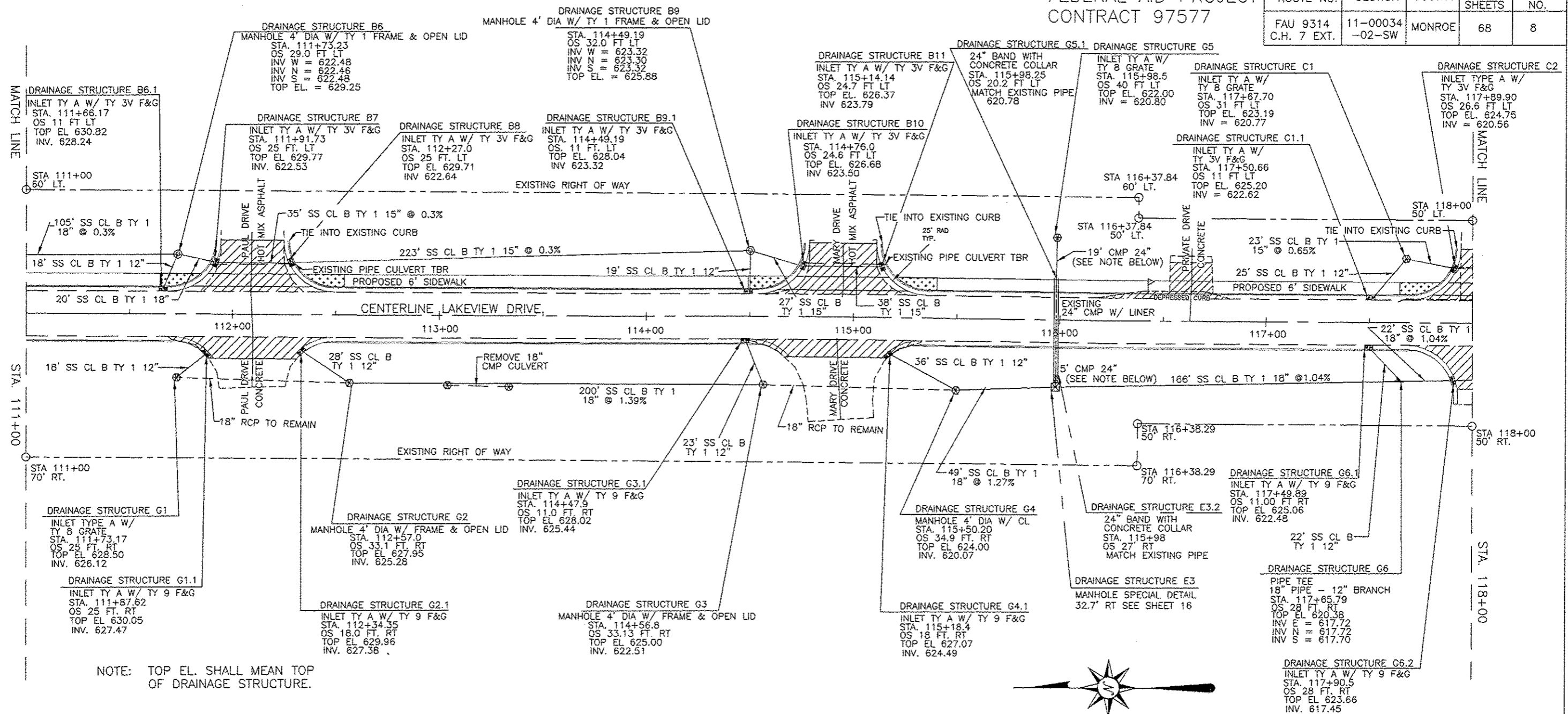
CURB RAMP WITH DETECTABLE WARNING PER STANDARD 424021-03



LAKEVIEW DRIVE SIDEWALK  
PLAN & PROFILE  
STA 104+00 TO STA 110+00  
SECTION 11-00034-02-SW  
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7 EXT.	11-00034 -02-SW	MONROE	68	8



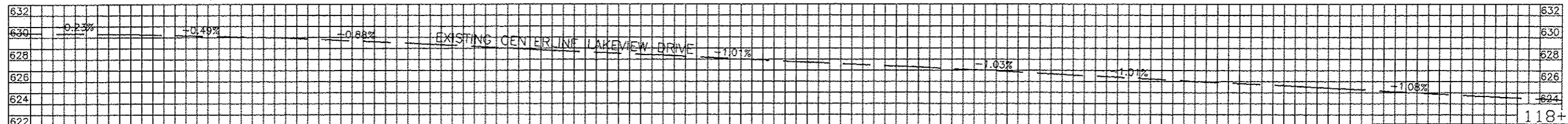
NOTE: TOP EL. SHALL MEAN TOP OF DRAINAGE STRUCTURE.

CORRUGATED METAL PIPE AND BAND TO BE SUPPLIED BY LOCAL AGENCY. INSTALLATION BY CONTRACTOR AND INCLUDED IN THE UNIT PRICE FOR CONCRETE COLLAR.

REMOVE AND REPLACE EXISTING PAVEMENT PER DETAIL SHEET 15



CURB RAMP WITH DETECTABLE WARNING PER STANDARD 424021-03

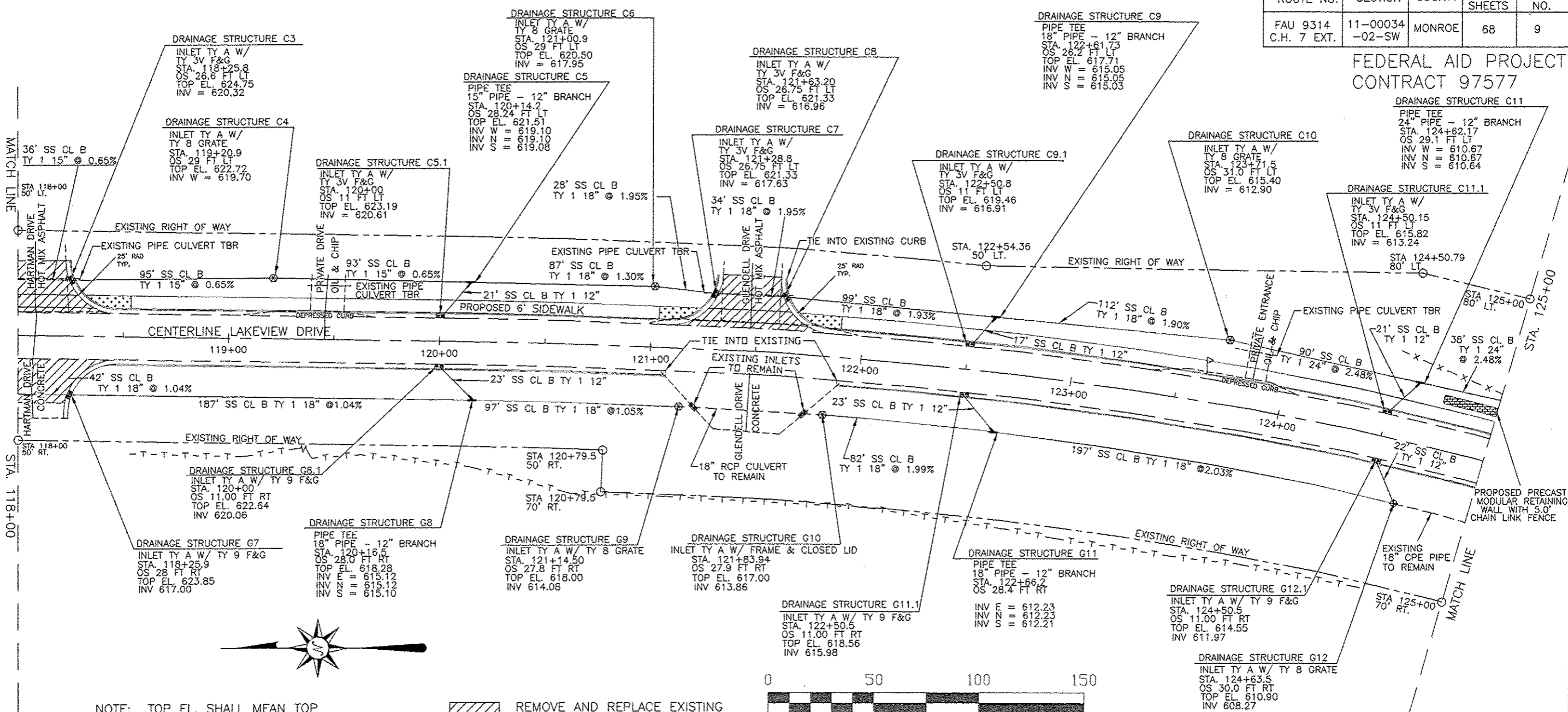


LAKEVIEW DRIVE SIDEWALK  
PLAN & PROFILE  
SECTION 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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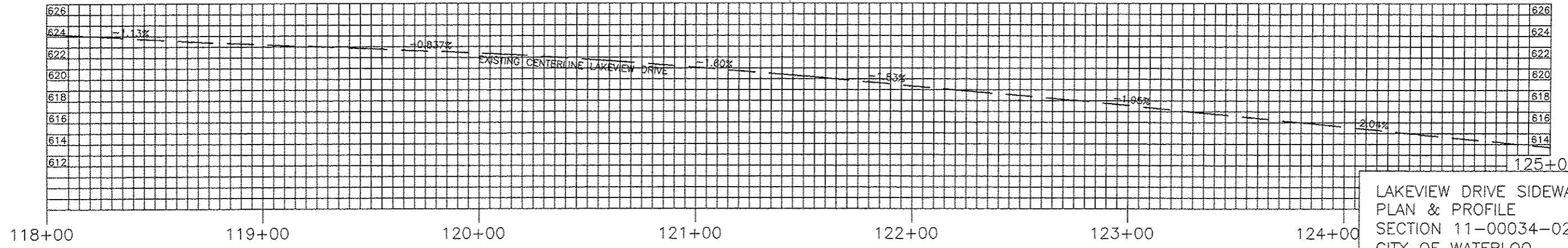
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NOTE: TOP EL. SHALL MEAN TOP OF DRAINAGE STRUCTURE.

REMOVE AND REPLACE EXISTING PAVEMENT PER DETAIL SHEET 15

CURB RAMP WITH DETECTABLE WARNING PER STANDARD 424021-03

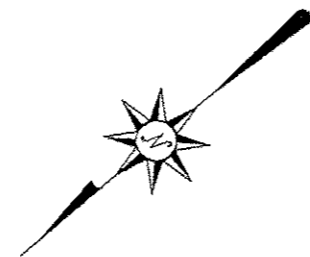
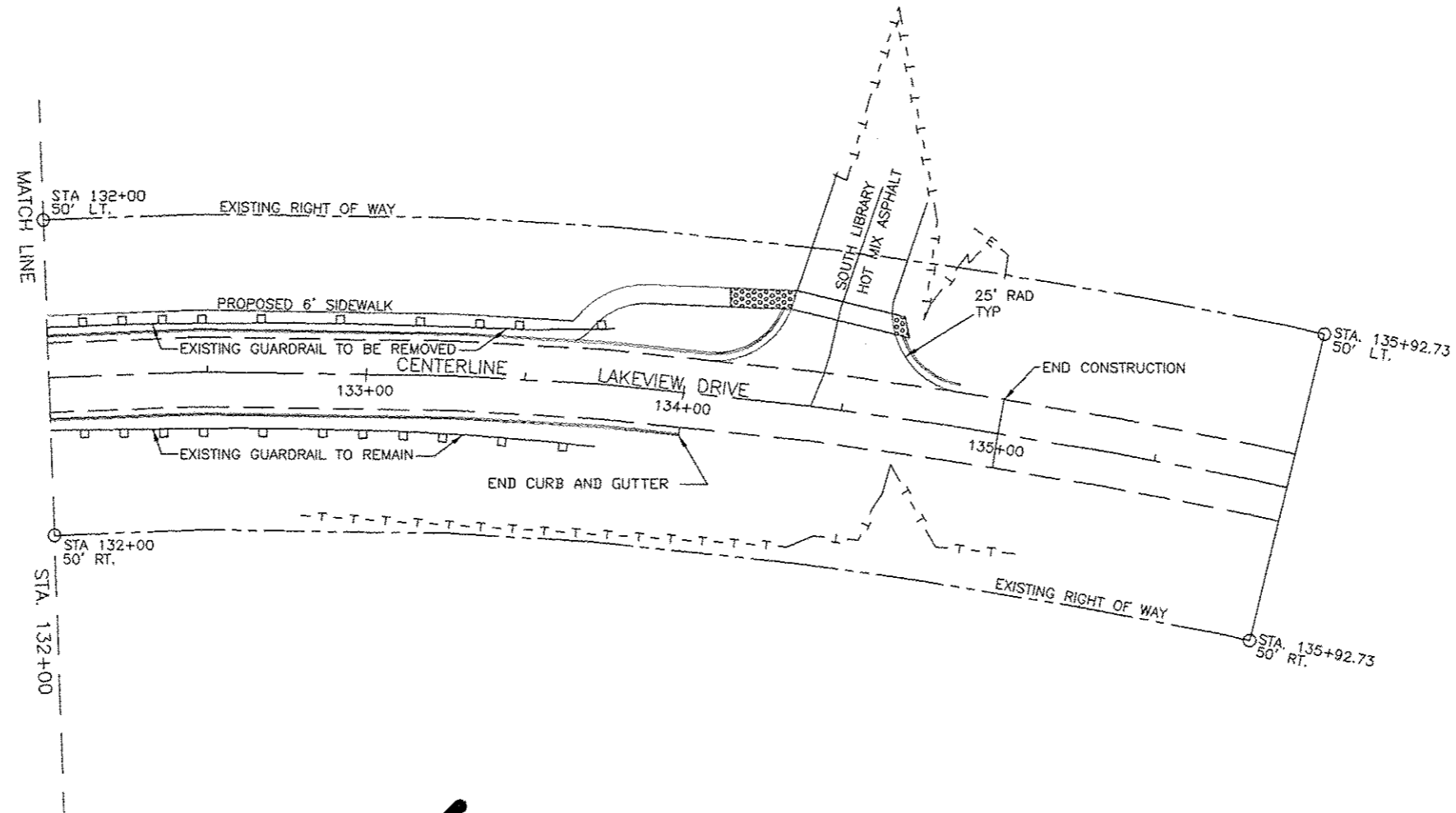


LAKEVIEW DRIVE SIDEWALK  
PLAN & PROFILE  
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MONROE COUNTY, ILLINOIS




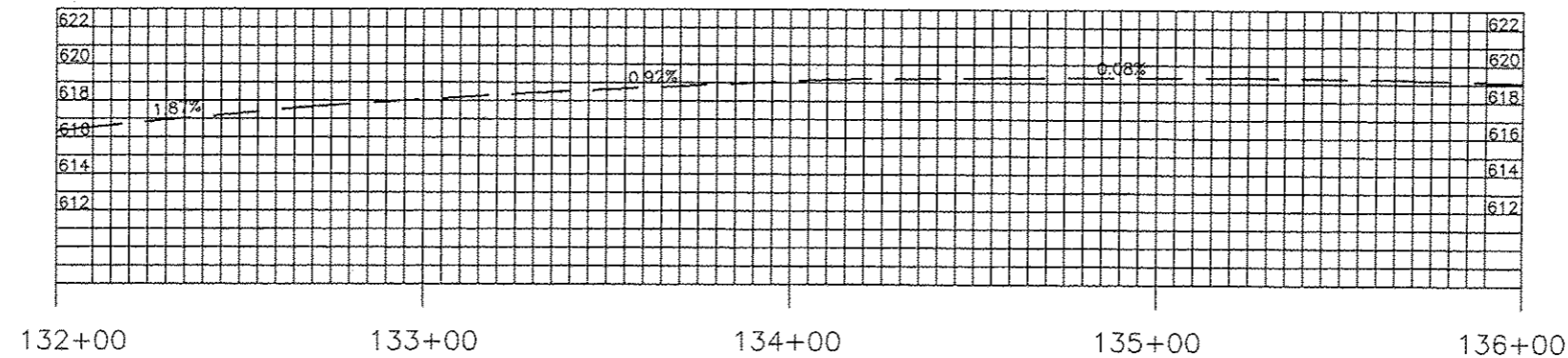
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FEDERAL AID PROJECT  
CONTRACT 97577



NOTE: TOP EL. SHALL MEAN TOP OF DRAINAGE STRUCTURE.

 CURB RAMP WITH DETECTABLE WARNING PER STANDARD 424026-01

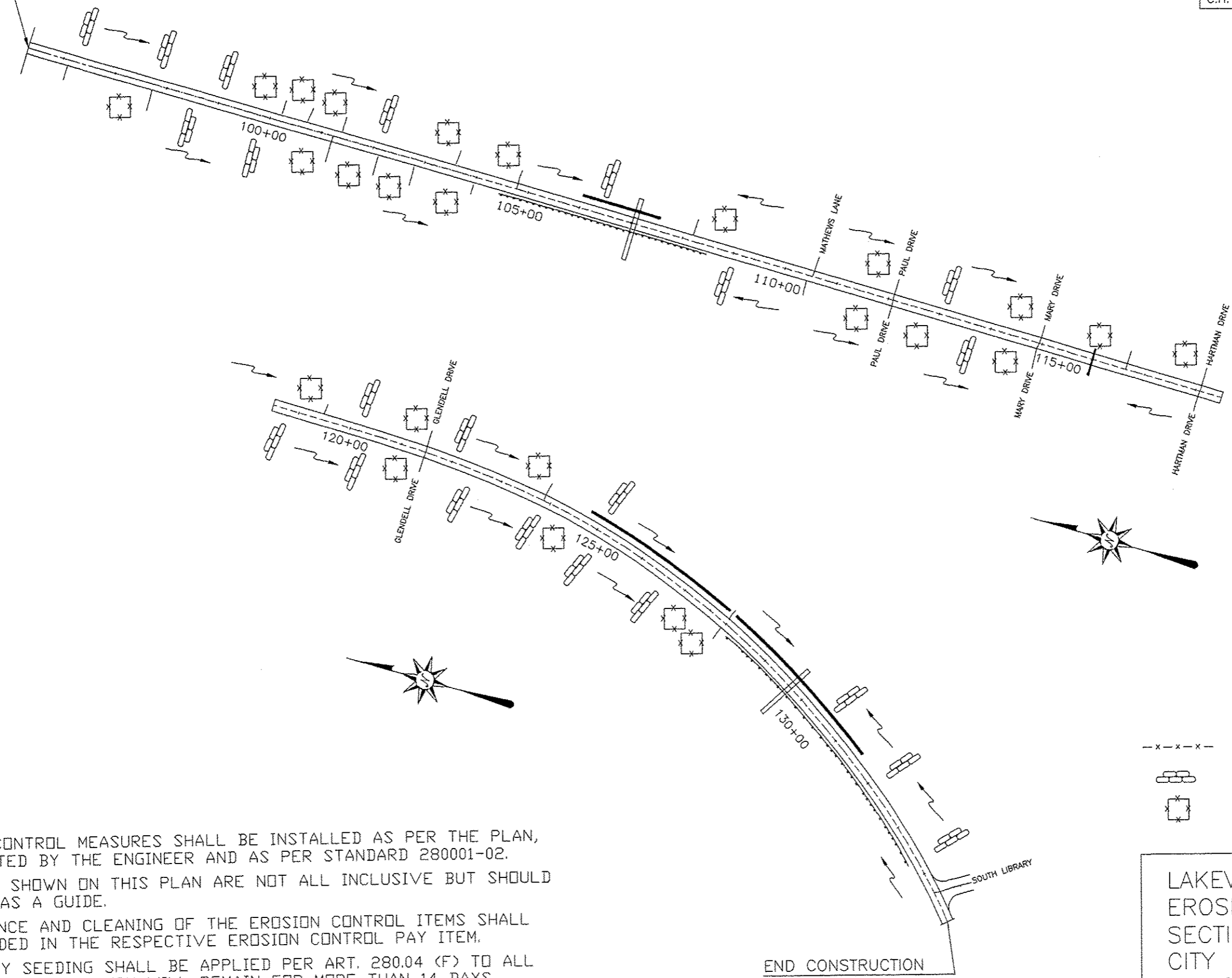


LAKEVIEW DRIVE SIDEWALK  
PLAN & PROFILE  
SECTION 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7 EXT.	11-00034 -02-SW	MONROE	68	12

FEDERAL AID PROJECT  
CONTRACT 97577

BEGIN CONSTRUCTION  
STA. 95+30.53



NOTE: EROSION CONTROL MEASURES SHALL BE INSTALLED AS PER THE PLAN, AS DIRECTED BY THE ENGINEER AND AS PER STANDARD 280001-02. MEASURES SHOWN ON THIS PLAN ARE NOT ALL INCLUSIVE BUT SHOULD BE USED AS A GUIDE. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM. TEMPORARY SEEDING SHALL BE APPLIED PER ART. 280.04 (F) TO ALL DISTURBED AREAS WHICH WILL REMAIN FOR MORE THAN 14 DAYS.

END CONSTRUCTION  
STA. 135+00

- x-x-x- PERIMETER EROSION BARRIER
- ▬▬▬ TEMPORARY DITCH CHECKS
- INLET & PIPE PROTECTION

LAKEVIEW DRIVE SIDEWALK  
EROSION CONTROL PLAN  
SECTION 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS

DRAINAGE STRUCTURES

STRUCTURE	STATION	OFFSET	COMMENTS
A1	99+96.7	26.6' LT	MANHOLE 4' DIA W/ FRAME & CLOSED LID
A1.1	96+00	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
A1.2	96+14	26.6' LT	PIPE ELBOW 12"
A2	98+14	26.6' LT	PIPE TEE 15" PIPE - 12" BRANCH
A2.1	98+00	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
A2.2	100+50	36.0' LT	INLET TY A W/ TY 8 GRATE
A3	101+15	36.0' LT	INLET TY A W/ TY 8 GRATE
A3.1	99+83	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
A4	102+73.1	36.0' LT	PIPE TEE 24" PIPE - 12" BRANCH
A4.1	102+50	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
A5	103+35	36.0' LT	INLET TY A W/ TY 8 GRATE
A6	104+81.3	31.2' LT	PIPE TEE 24" PIPE - 15" BRANCH
A6.1	104+40	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
A7	104+70	30.0' LT	EXISTING MANHOLE WITH NEW GRATE
A8	105+09	11.0' LT	TYPE 3V FRAME & GRATE
A8.1	104+85	11.0' LT	INLET TY A W/ TY 3 FRAME & GRATE
B1	107+70	29.0' LT	MANHOLE 4' DIA W/ FRAME & CLOSED LID
B1.1	107+70	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
B2	108+35	31.0' LT	INLET TY A W/ TY 8 GRATE
B3	109+87.8	26.74' LT	PIPE TEE 15" PIPE - 12" BRANCH
B3.1	110+00	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
B4	110+41.9	25.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
B5	110+88.14	25.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
B6	111+73.23	29.0' LT	MANHOLE 4' DIA W/ FRAME & OPEN LID
B6.1	111+66.17	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
B7	111+91.73	25.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
B8	112+27.0	25.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
B9	114+49.2	32.0' LT	MANHOLE 4' DIA W/ FRAME & OPEN LID
B9.1	114+49.19	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
B10	114+78.1	24.6' LT	INLET TY A W/ TY 3V FRAME & GRATE
B11	115+14.14	24.7' LT	INLET TY A W/ TY 3V FRAME & GRATE
G5.1	115+98.25	20.2' LT	NEW 24" BAND AND CONCRETE COLLAR
G5	115+98.5	40.0' LT	INLET TY A W/ TY 8 GRATE
G1	117+67.7	31.0' LT	INLET TY A W/ TY 8 GRATE
C1.1	117+50.88	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
C2	117+89.9	26.6' LT	INLET TY A W/ TY 3V FRAME & GRATE
C3	118+25.8	26.6' LT	INLET TY A W/ TY 3V FRAME & GRATE
C4	119+20.9	29.0' LT	INLET TY A W/ TY 8 GRATE
C5	120+14.2	28.24' LT	PIPE TEE 15" PIPE - 12" BRANCH
C5.1	120+00	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
C6	121+00.9	29.0' LT	INLET TY A W/ TY 8 GRATE
C7	121+28.8	26.75' LT	INLET TY A W/ TY 3V FRAME & GRATE
C8	121+63.2	26.75' LT	INLET TY A W/ TY 3V FRAME & GRATE
C9	122+61.7	26.2' LT	PIPE TEE 18" PIPE - 12" BRANCH
C9.1	122+50.8	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
C10	123+71.5	31.0' LT	INLET TY A W/ TY 8 GRATE
C11	124+62.17	29.1' LT	PIPE TEE 18" PIPE - 12" BRANCH
C11.1	124+50.15	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
D1.1	127+59.85	11.0' LT	INLET TY A W/ TY 3 FRAME & GRATE
E1.1	115+75.3	11.0' LT	INLET TY A W/ TY 3V FRAME & GRATE
F1	97+43	41.0' RT	INLET TY A W/ TY 8 GRATE
F2	99+28	41.0' RT	PIPE TEE 15" PIPE - 12" BRANCH
F2.1	99+00	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
F3	100+86.75	41.0' RT	INLET TY A W/ TY 8 GRATE
F4	101+88	37.0' RT	INLET TY A W/ TY 8 GRATE
F4.1	101+61.2	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
F5	102+61.5	37.0' RT	INLET TY A W/ TY 8 GRATE
F6	103+25.5	37.0' RT	PIPE TEE 18" PIPE - 12" BRANCH
F6.1	103+00	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
F7	103+77.9	37.0' RT	INLET TY A W/ TY 8 GRATE
F7.1	103+75	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
F8	104+99	28.13' RT	PIPE TEE 18" PIPE - 15" BRANCH
F8.1	104+85	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
E2	105+34.22	25.6' RT	EXISTING INLET
G1	111+73.2	25.0' RT	INLET TY A W/ TY 8 GRATE
G1.1	111+87.82	25.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
G2	112+57.0	33.1' RT	MANHOLE 4' DIA W/ FRAME & OPEN LID
G2.1	112+34.35	18.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
G3	114+56.8	33.1' RT	MANHOLE 4' DIA W/ FRAME & OPEN LID
G3.1	114+47.9	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
G4	115+50.2	34.9' RT	MANHOLE 4' DIA W/ FRAME & CLOSED LID
G4.1	115+18.4	18.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
E3.2	115+98	27.0' RT	24" BAND W/ CONCRETE COLLAR
E3	115+99	35.0' RT	MANHOLE SPECIAL DETAIL
G6	117+85.8	28.0' RT	PIPE TEE 18" PIPE - 12" BRANCH
G6.1	117+49.9	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
G6.2	117+90.5	28.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
G7	118+25.9	28.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
G8	120+16.5	28.0' RT	PIPE TEE 18" PIPE - 12" BRANCH
G8.1	120+00	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
G9	121+14.5	27.8' RT	INLET TY A W/ TY 8 GRATE
G10	121+83.9	27.9' RT	INLET TY A W/ FRAME & CLOSED LID
G11	122+88.2	28.4' RT	PIPE TEE 18" PIPE - 12" BRANCH
G11.1	122+50.5	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
G12	124+63.5	30.0' RT	INLET TY A W/ TY 8 GRATE
G12.1	124+50.5	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE
H1	127+27.8	41.3' RT	EXISTING INLET
H2	127+73.0	48.1' RT	EXISTING INLET
H2.1	127+60.2	11.0' RT	INLET TY A W/ TY 9 FRAME & GRATE

DRAINAGE STRUCTURE A8, STATION 105+09, 11' LT.  
SEE SPECIAL PROVISION FOR FRAMES & GRATES TYPE 3V.

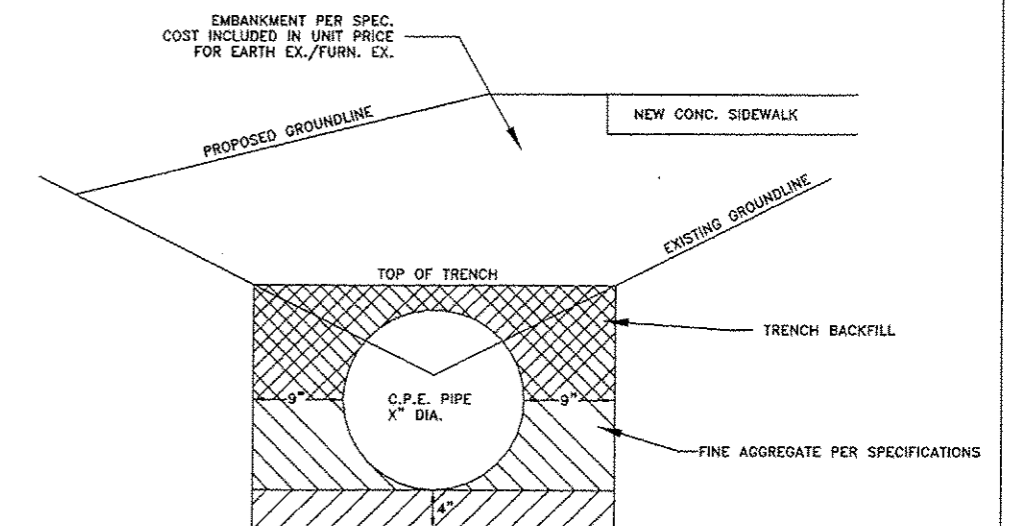
STORM SEWER

PIPE	SIZE				COMMENTS
	12"	15"	18"	24"	
D.S. A1.1 - A1.2	19'				STORM SEWER CL B TY 1
D.S. A1.2 - A2	199'				STORM SEWER CL B TY 1
D.S. A2.1 - A2	19'				STORM SEWER CL B TY 1
D.S. A2 - A1		183'			STORM SEWER CL B TY 1
D.S. A3.1 - A1	19'				STORM SEWER CL B TY 1
M.E.S. - A1			6'		STORM SEWER CL B TY 1
D.S. A1 - A2.2			54'		STORM SEWER CL B TY 1
D.S. A2.2 - A3			65'		STORM SEWER CL B TY 1
D.S. A3 - A4			158'		STORM SEWER CL B TY 1
D.S. A4.1 - A4	32'				STORM SEWER CL B TY 1
D.S. A4 - A5				62'	STORM SEWER CL B TY 1
D.S. A5 - A6				126'	STORM SEWER CL B TY 1
D.S. A6.1 - A6		28'			STORM SEWER CL B TY 1
D.S. A6 - A7				7'	STORM SEWER CL B TY 1
D.S. A8.1 - A8	24'				STORM SEWER CL B TY 1
D.S. B1.1 - B1	16'				STORM SEWER CL B TY 1
D.S. B1 - M.E.S.				25'	STORM SEWER CL B TY 1
D.S. B2 - B1				65'	STORM SEWER CL B TY 1
D.S. B3 - B2			149'		STORM SEWER CL B TY 1
D.S. B3.1 - B3	19'				STORM SEWER CL B TY 1
D.S. B4 - B3				54'	STORM SEWER CL B TY 1
D.S. B5 - B4				26'	STORM SEWER CL B TY 1
D.S. B6 - B5				105'	STORM SEWER CL B TY 1
D.S. B6.1 - B6	18'				STORM SEWER CL B TY 1
D.S. B7 - B6				20'	STORM SEWER CL B TY 1
D.S. B8 - B7		35'			STORM SEWER CL B TY 1
D.S. B9 - B8			223'		STORM SEWER CL B TY 1
D.S. B9.1 - B9	19'				STORM SEWER CL B TY 1
D.S. B10 - B9				27'	STORM SEWER CL B TY 1
D.S. B11 - B10				38'	STORM SEWER CL B TY 1
D.S. G5 - G5.1				19"	CORRUGATED METAL PIPE
D.S. C1.1 - C1	25'				STORM SEWER CL B TY 1
D.S. C1 - C2		23'			STORM SEWER CL B TY 1
D.S. C2 - C3			36'		STORM SEWER CL B TY 1
D.S. C3 - C4			95'		STORM SEWER CL B TY 1
D.S. C4 - C5			93'		STORM SEWER CL B TY 1
D.S. C5.1 - C5	21'				STORM SEWER CL B TY 1
D.S. C5 - C6				87'	STORM SEWER CL B TY 1
D.S. C6 - C7				28'	STORM SEWER CL B TY 1
D.S. C7 - C8				34'	STORM SEWER CL B TY 1
D.S. C8 - C9				99'	STORM SEWER CL B TY 1
D.S. C9.1 - C9	17'				STORM SEWER CL B TY 1
D.S. C9 - C10				112'	STORM SEWER CL B TY 1
D.S. C10 - C11				90'	STORM SEWER CL B TY 1
D.S. C11.1 - C11	21'				STORM SEWER CL B TY 1
D.S. C11.1 - DITCH				38'	STORM SEWER CL B TY 1
D.S. D1.1 - M.E.S.		28'			STORM SEWER CL B TY 1
M.E.S. - M.E.S.				180'	STORM SEWER CL B TY 1
D.S. E1.1 - M.E.S.	38'				STORM SEWER CL B TY 1
D.S. F1 - F2		184'			STORM SEWER CL B TY 1
D.S. F2.1 - F2	40'				STORM SEWER CL B TY 1
D.S. F2 - F3		158'			STORM SEWER CL B TY 1
D.S. F3 - F4		102'			STORM SEWER CL B TY 1
D.S. F4.1 - F4	35'				STORM SEWER CL B TY 1
D.S. F4 - F5			73'		STORM SEWER CL B TY 1
D.S. F5 - F6			64'		STORM SEWER CL B TY 1
D.S. F6.1 - F6	33'				STORM SEWER CL B TY 1
D.S. F6 - F7			53'		STORM SEWER CL B TY 1
D.S. F7.1 - F7	25'				STORM SEWER CL B TY 1
D.S. F7 - F8			123'		STORM SEWER CL B TY 1
D.S. F8.1 - F8		23'			STORM SEWER CL B TY 1
D.S. E2	164'	NEW 30" CPE			STORM SEWER CL B TY 1
D.S. G1.1 - G1	18'				STORM SEWER CL B TY 1
D.S. G2.1 - G2	28'				STORM SEWER CL B TY 1
D.S. G2 - G3				200'	STORM SEWER CL B TY 1
D.S. G3.1 - G3	23'				STORM SEWER CL B TY 1
D.S. G4.1 - G4	36'				STORM SEWER CL B TY 1
D.S. G4 - E3				49'	STORM SEWER CL B TY 1
D.S. E3.2 - E3				5"	CORRUGATED METAL PIPE
D.S. E3 - G6				166'	STORM SEWER CL B TY 1
D.S. G6.1 - G6	22'				STORM SEWER CL B TY 1
D.S. G6 - G6.2				22'	STORM SEWER CL B TY 1
D.S. G6.2 - G7				42'	STORM SEWER CL B TY 1
D.S. G7 - G8				187'	STORM SEWER CL B TY 1
D.S. G8.1 - G8	23'				STORM SEWER CL B TY 1
D.S. G8 - G9				97'	STORM SEWER CL B TY 1
D.S. G10 - G11.1				82'	STORM SEWER CL B TY 1
D.S. G11.1 - G11	23'				STORM SEWER CL B TY 1
D.S. G11 - G12				197'	STORM SEWER CL B TY 1
D.S. G12.1 - G12					STORM SEWER CL B TY 1
D.S. H2.1 - H2		34'			STORM SEWER CL B TY 1
TOTALS	834.0'	1310.0'	2352.0'	593.0'	

\* SUPPLIED BY LOCAL AGENCY

MISCELLANEOUS

STATION	OFFSET	COMMENTS
99+94	33.0' LT	END SECTION, 18"
107+50	45.0' LT	END SECTION, 24"
127+60	40.0' LT	END SECTION, 15"
127+70	42.0' LT	END SECTION, 24"
131+50	40.0' LT	END SECTION, 12"
108+00	13.0' RT	CONCRETE OUTLET
129+00	13.0' RT	CONCRETE OUTLET
131+00	13.0' RT	CONCRETE OUTLET



STORM SEWER CONSTRUCTION

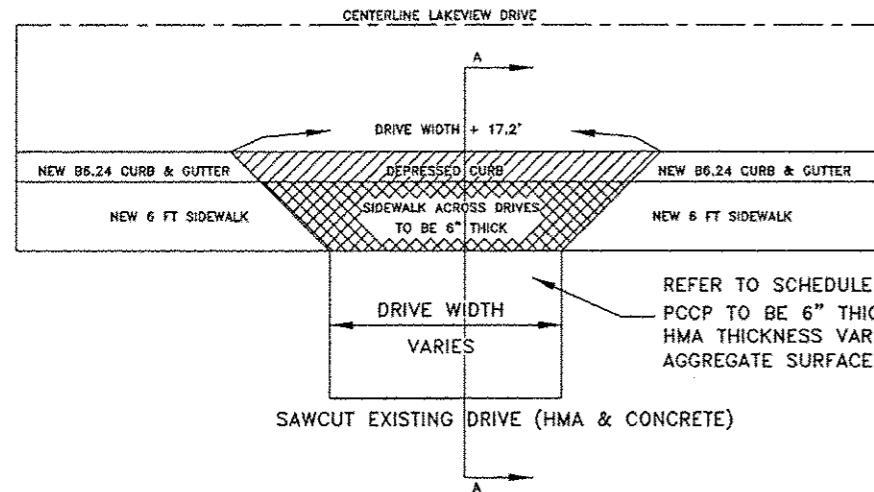
NOTE: PIPE CULVERTS DRAINING FROM CURB INLETS AND EXTEND UNDER SIDEWALK SHALL BE BACKFILLED WITH FINE AGG. PER SPEC THE ENTIRE TRENCH LENGTH, WIDTH AND DEPTH. COST TO BE INCLUDED IN THE UNIT PRICE FOR STORM SEWERS/TRENCH BACKFILL.

LAKEVIEW DRIVE SIDEWALK  
PIPE SCHEDULE/DETAIL  
SEC 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, IL

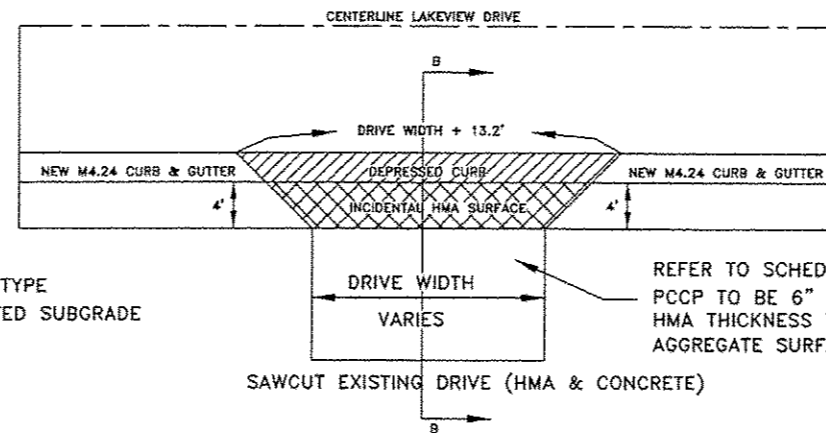
DRAWING FILE: S:\LAKEVIEW SIDEWALK COVER

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7 EXT	11-00034 -02-SW	MONROE	68	14

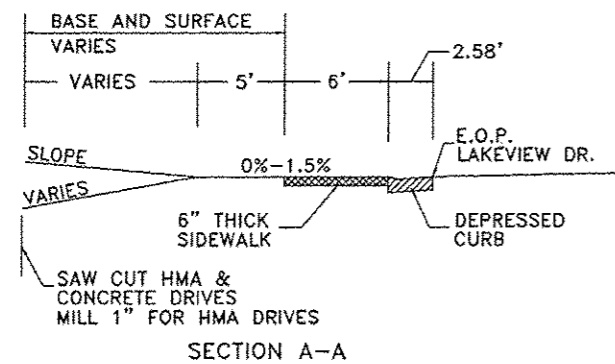
FEDERAL AID PROJECT  
CONTRACT NO. 97577



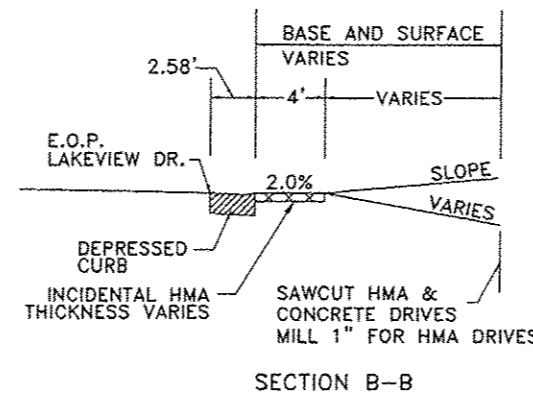
REFER TO SCHEDULE FOR SURFACE TYPE  
PCCP TO BE 6" THICK ON COMPACTED SUBGRADE  
HMA THICKNESS VARIES  
AGGREGATE SURFACE AS NEEDED



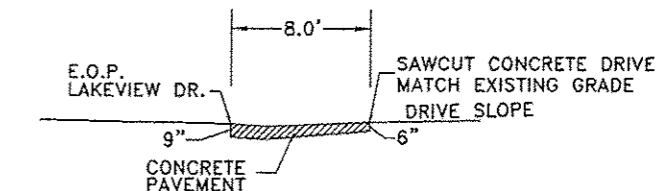
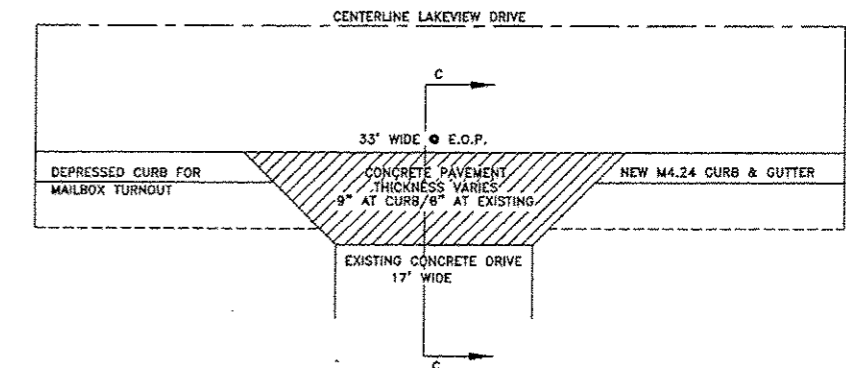
REFER TO SCHEDULE FOR SURFACE TYPE  
PCCP TO BE 6" THICK ON COMPACTED SUBGRADE  
HMA THICKNESS VARIES  
AGGREGATE SURFACE AS NEEDED



LEFT SIDE LAKEVIEW DRIVE



RIGHT SIDE LAKEVIEW DRIVE



SECTION C-C

EXISTING DRIVE STA. 110+44.17 RIGHT

ENTRANCE SCHEDULE

LOCATION STATION	SIDE LT/RT	EXISTING SURFACE	TYPE OF ENTRANCE	IMPROV. LENGTH FT.	EXIST. WIDTH FT.	INCIDENTAL HOT MIX ASPHALT SURFACING TONS	BIT. MAT'L (PRIME COAT) POUNDS	AGGREGATE SURFACE TON	PCCP 6" THICK SQ. YD.	PAVEMENT REMOVAL SQ. YD.	CULVERT REMOVAL FOOT
96+10.9	RIGHT	ASPHALT	COMMERCIAL			NO WORK TO BE PERFORMED					
97+74.5	RIGHT	ASPHALT	COMMERCIAL	17.0	26.0	11.0	20.0	---	---	---	---
100+20.1	LEFT	OIL & CHIP	PRIVATE	5.0	11.0	---	---	---	6.1	---	---
100+70.0	LEFT	OIL & CHIP	PRIVATE	5.0	18.0	---	---	---	10.0	---	90.0
101+21.5	RIGHT	ASPHALT	COMMERCIAL	16.0	32.0	9.6	24.0	---	---	---	---
101+36.7	LEFT	ROCK	PRIVATE	5.0	12.0	---	---	---	6.7	---	30.0
102+13.0	RIGHT	ROCK	PRIVATE	8.0	23.0	---	---	3.5	---	---	---
102+82.8	RIGHT	ROCK	PRIVATE	6.0	13.0	---	---	1.5	---	---	20.0
103+56.9	LEFT	ROCK	PRIVATE	5.0	13.0	---	---	---	7.2	---	18.0
103+98.6	RIGHT	ROCK	PRIVATE	7.0	18.0	---	---	2.5	---	---	30.0
104+30.74	RIGHT	OIL & CHIP	PRIVATE			NO WORK PERFORMED					
104+77.6	LEFT	ASPHALT	PRIVATE	8.0	20.0	2.0	7.0	---	---	8.0	---
108+18.34	LEFT	OIL & CHIP	PRIVATE	13.0	30.0	7.3	18.0	---	---	---	---
110+44.17	RIGHT	CONCRETE	PRIVATE	8.0	17.0	---	---	---	22.3	50.0	---
116+62.9	LEFT	CONCRETE	PRIVATE	9.0	20.0	---	---	---	20.0	21.0	---
119+45.48	LEFT	OIL & CHIP	PRIVATE	5.0	20.0	---	---	---	11.2	---	20.0
123+84.7	LEFT	OIL & CHIP	PRIVATE	10.0	22.0	4.1	8.0	---	---	---	20.0
127+97.13	RIGHT	ROCK	FIELD	16.0	16.0	---	---	5.0	---	---	---
127+98.16	LEFT	TURF	FIELD	20.0	16.0	---	---	12.5	---	---	24.0
TOTALS						34.0	77.0	25.0	83.5	79.0	252.0 *

\* QUANTITY DOES NOT INCLUDE THE 30' OF CULVERT TO BE REMOVED FROM THE FIELD ENTRANCE LOCATED APPROXIMATE STATION 113+12 RIGHT.

LAKEVIEW DRIVE SIDEWALK  
ENTRANCE DETAILS  
SEC 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, IL

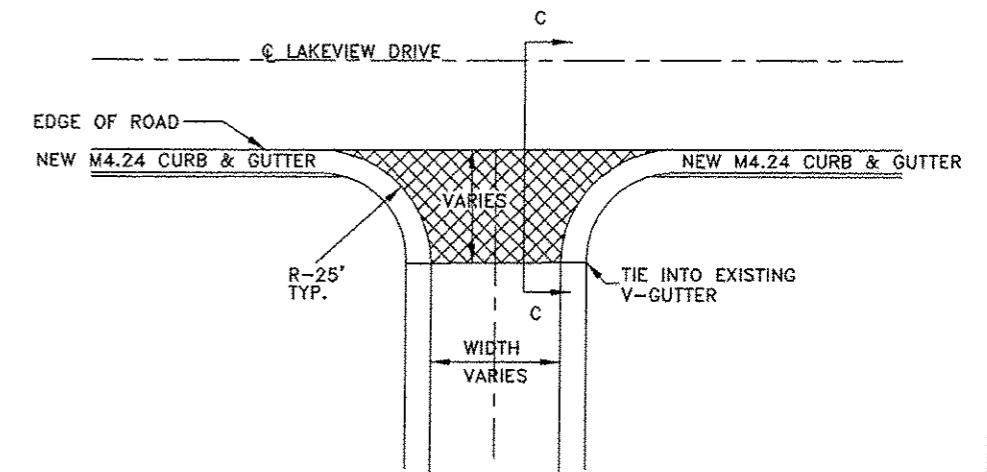
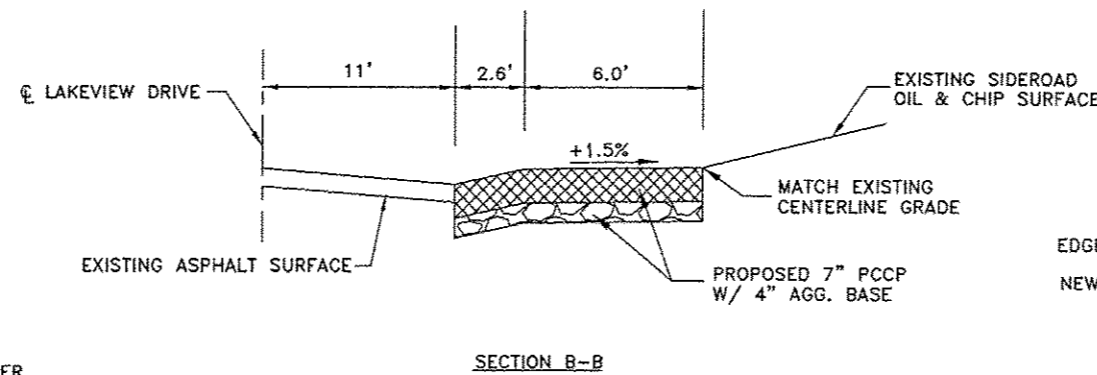
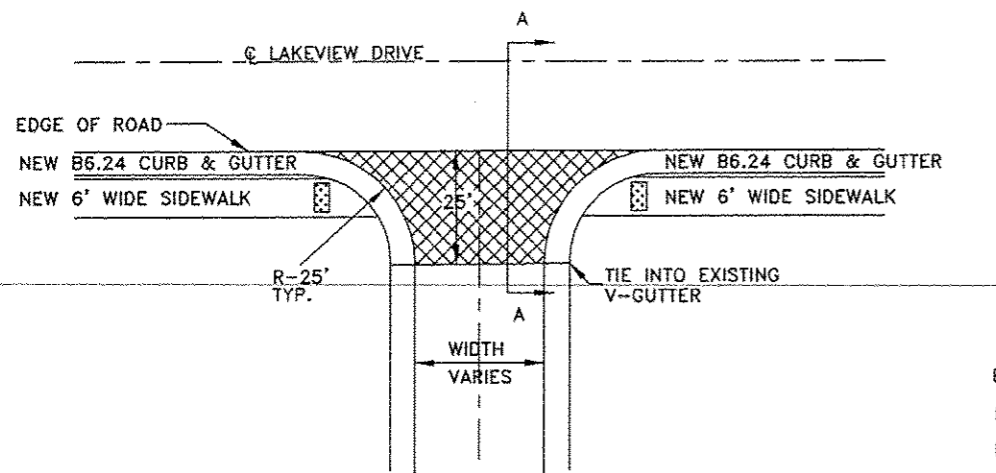
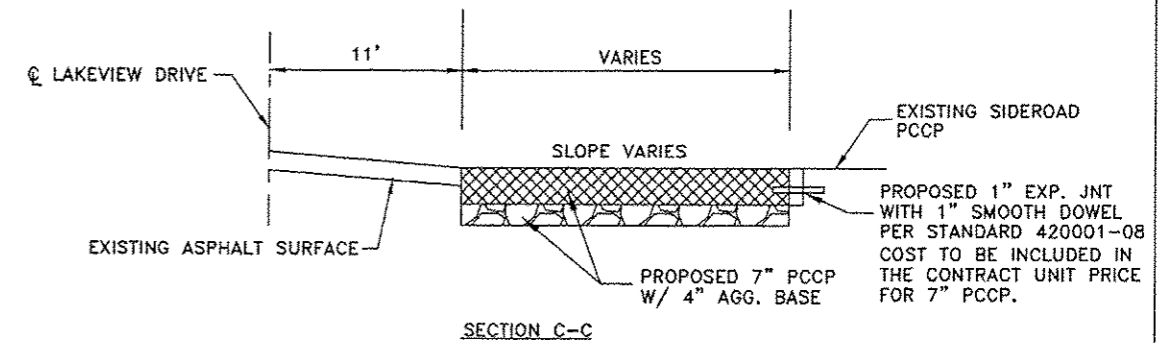
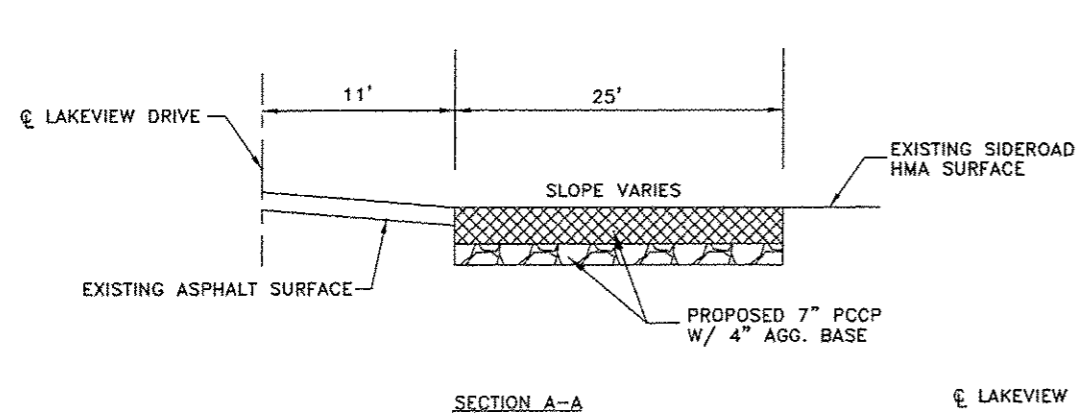
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ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7	11-00034 -02-SW	MONROE	68	15

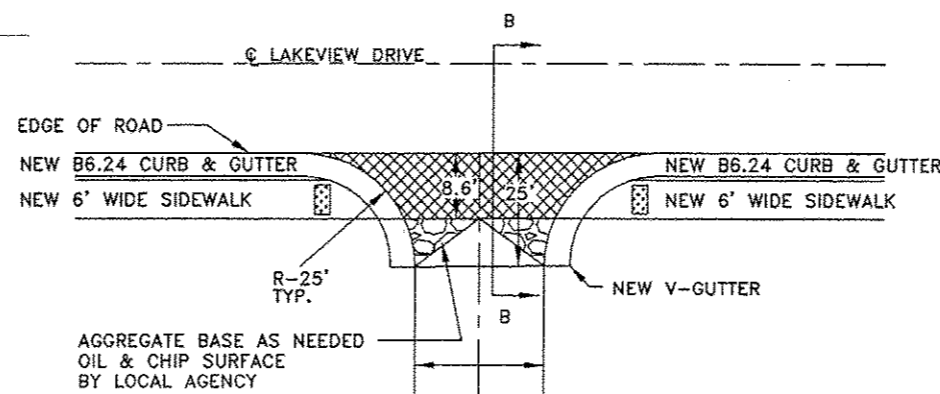
FEDERAL AID PROJECT  
CONTRACT 97577

SIDEROAD SCHEDULE

LOCATION STATION	SIDE LT/RT	EXISTING SURFACE	IMPROVED LENGTH (FT.)	EXISTING WIDTH (FT.)	INCIDENTAL HOT MIX ASPHALT SURFACING (TONS)	BIT. MAT'L (PRIME COAT) (POUNDS)	PCCP 7" THICK (SQ YD)	AGGREGATE BASE (TON)	PAVEMENT REMOVAL (SQ YD)	CULVERT REMOVAL (FOOT)	ROAD NAME
110+53.82	LEFT	OIL & CHIP	8.6	18.0	---	---	40.0	10.0	9.0	---	MATHEWS LANE
112+09.02	LEFT	ASPHALT	25.0	30.0	---	---	113.2	26.0	99.0	40.0	PAUL DRIVE
112+10.05	RIGHT	CONCRETE	10.5	42.0	---	---	58.8	14.0	67.0	---	PAUL DRIVE
114+92.42	RIGHT	CONCRETE	7.0	50.0	---	---	54.0	13.0	60.0	---	MARY DRIVE
114+94.67	LEFT	ASPHALT	25.0	32.0	---	---	118.8	28.0	106.0	40.0	MARY DRIVE
118+07.28	RIGHT	CONCRETE	21.0	28.0	---	---	98.0	23.0	98.0	---	HARTMAN DRIVE
118+08.61	LEFT	ASPHALT	25.0	28.0	---	---	107.6	25.0	83.0	40.0	HARTMAN DRIVE
121+47.22	LEFT	ASPHALT	25.0	28.0	---	---	107.6	25.0	89.0	40.0	GLENDELL DRIVE
121+47.31	RIGHT	CONCRETE	0.0	81.0	---	---	---	---	---	---	GLENDELL DRIVE
134+43.39	LEFT	OIL & CHIP	25.0	32.0	---	---	---	---	---	---	SOUTH LIBRARY ST.
<b>TOTAL</b>					<b>0</b>	<b>0</b>	<b>698.0</b>	<b>164.0</b>	<b>611.0</b>	<b>160.0</b>	



TYPICAL SIDEROAD DETAIL LEFT SIDE  
PAUL/MARY/HARTMAN/GLENDELL DRIVES



TYPICAL SIDEROAD DETAIL LEFT SIDE  
MATHEWS LANE

TYPICAL SIDEROAD DETAIL RIGHT SIDE  
PAUL/MARY/HARTMAN/GLENDELL DRIVES

LAKEVIEW DRIVE SIDEWALK  
SIDE ROAD DETAILS  
SEC 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS

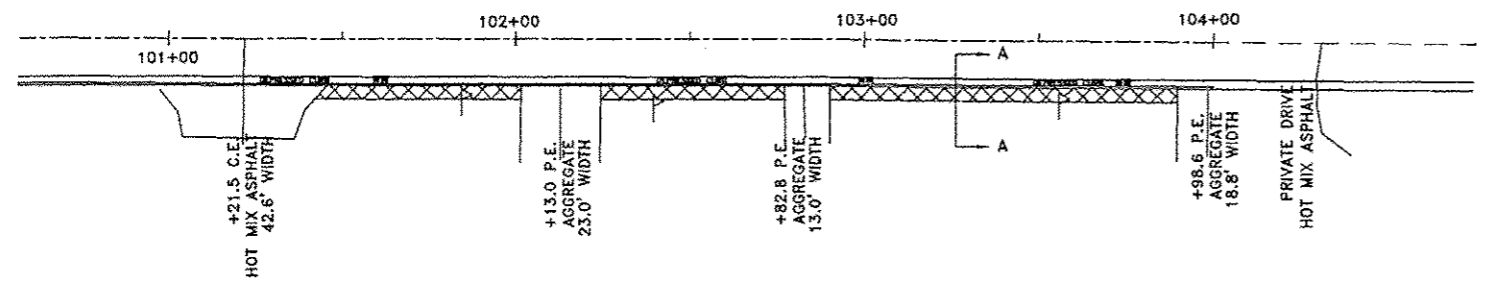
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9314 C.H. 7	11-00034 -02-SW	MONROE	68	16

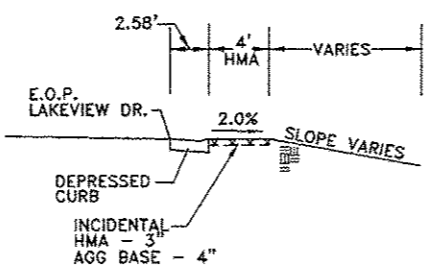
FEDERAL AID PROJECT  
CONTRACT 97577

MAILBOX TURNOUT SCHEDULE

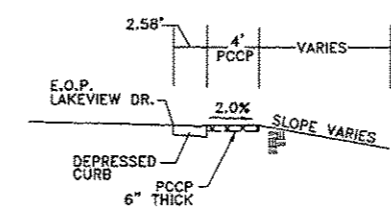
LOCATION STATION	SIDE LT/RT	INCIDENTAL HOT MIX ASPHALT SURFACING TONS	BIT. MAT'L (PRIME COAT) POUNDS	PCCP 6" THICK SQ. YD.	AGGREGATE BASE TONS
101+45 TO 103+90	RIGHT	18.0	269	--	26.0
110+44.17	RIGHT	--	--	4.5	--
TOTAL		18.0	269	4.5	26.0



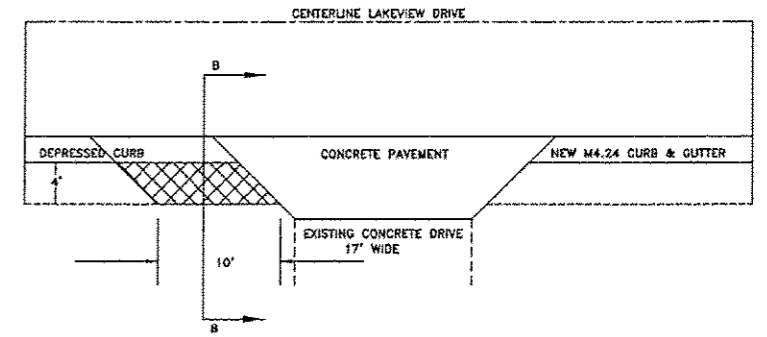
MAILBOX TURNOUT APPROX. STA. 101+45 TO STA. 103+90  
4' WIDE INCIDENTAL HOT MIX ASPHALT



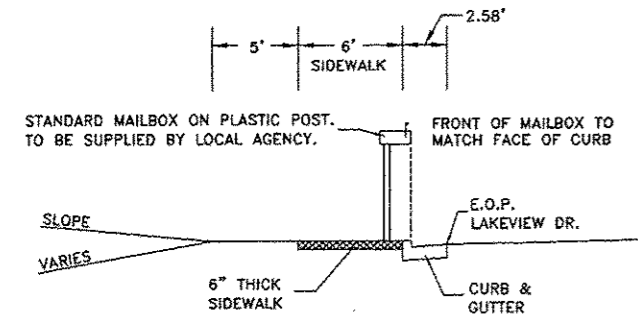
SECTION A-A  
RIGHT SIDE LAKEVIEW DRIVE



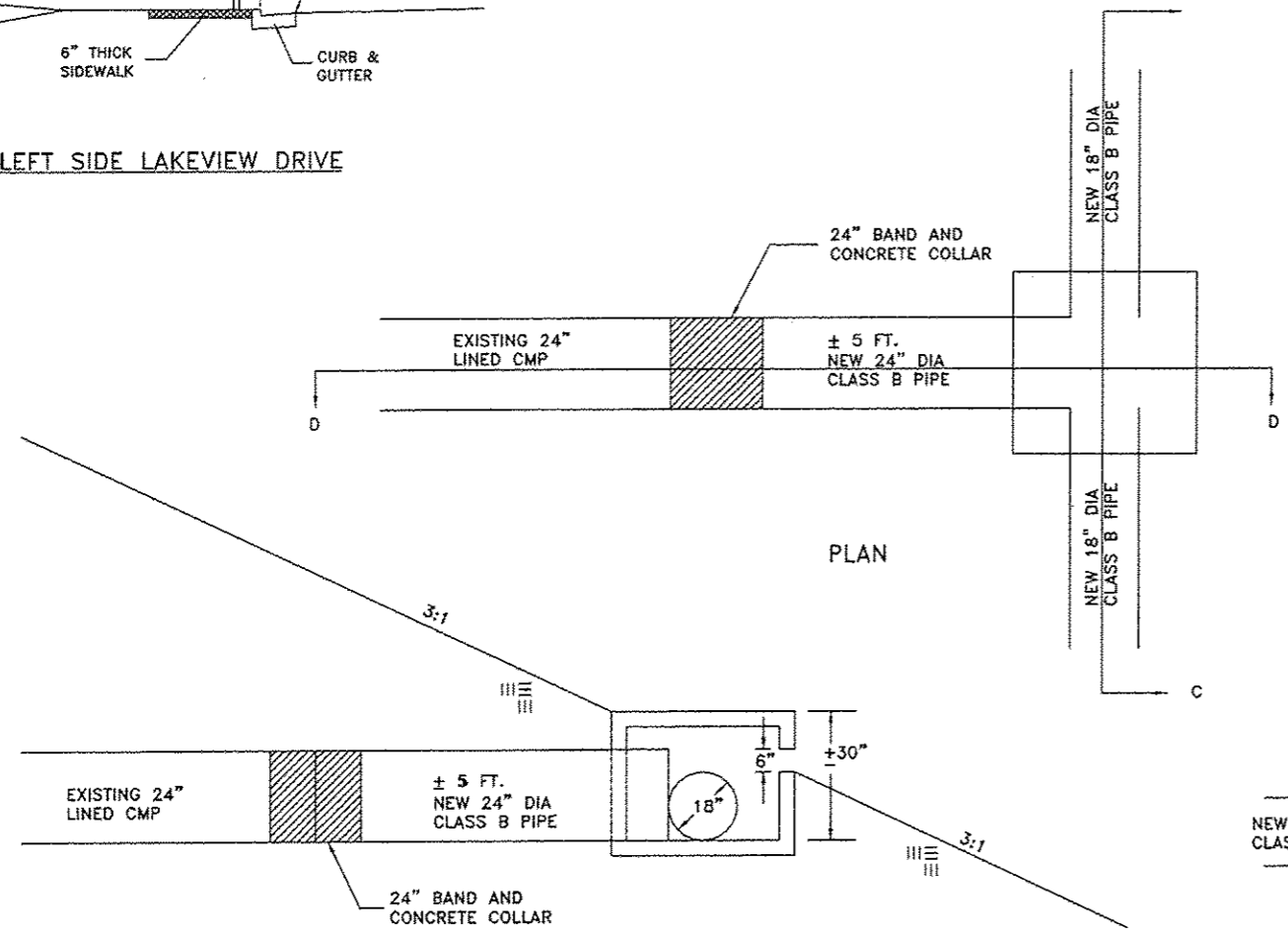
SECTION B-B



RIGHT SIDE LAKEVIEW DRIVE  
STA. 110+44.17

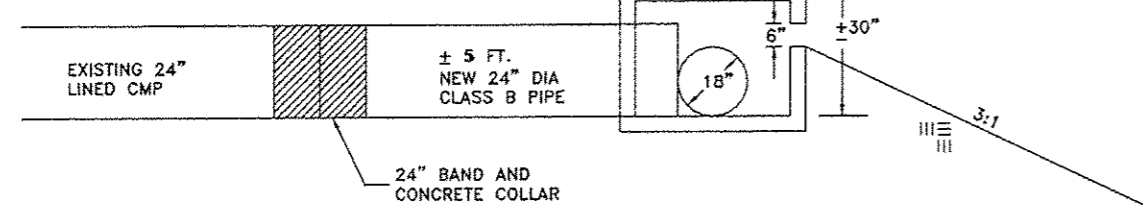


LEFT SIDE LAKEVIEW DRIVE

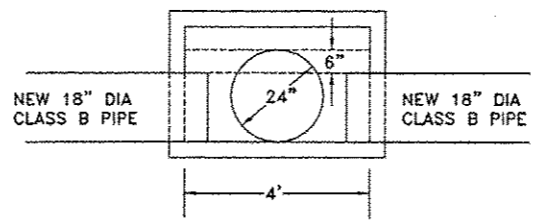


PLAN

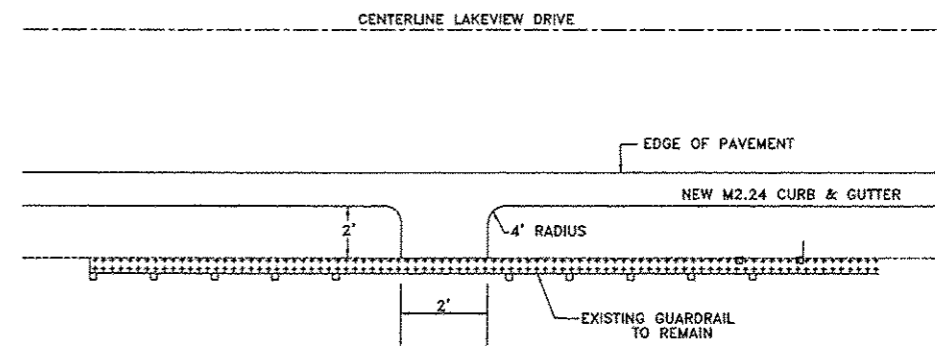
NEW CAST-IN-PLACE  
CONCRETE MANHOLE  
4'X4' WITH CLOSED LID  
STA. 115+98  
O.S. 32.7' RT.  
TOP ELEV. 621.96  
INV. ELEV. 619.45



SECTION D-D



SECTION C-C



CLASS SI CONCRETE OUTLET  
APPROXIMATE STATIONS  
STA. 108+00  
STA. 129+00  
STA. 131+00

LAKEVIEW DRIVE SIDEWALK  
MAILBOX TURNOUTS, CONCRETE  
OUTLET & SPECIAL DETAIL  
SEC 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS

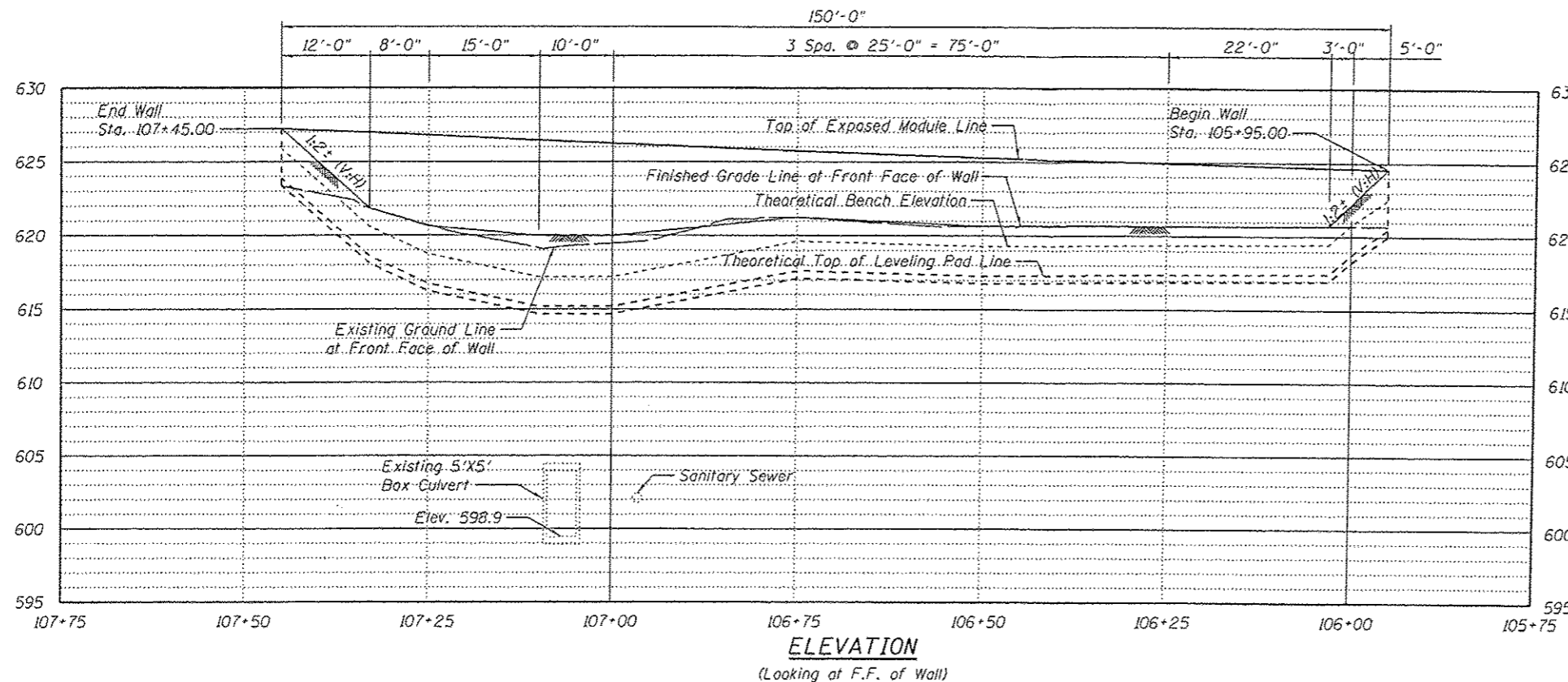
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Benchmark:  
 BM#208 Rail road spike set in power pole between 700 & 618  
 Lakeview Drive Sta. 104+66.42, 26.14L1. Elev. 621.92  
 Existing Structure: None

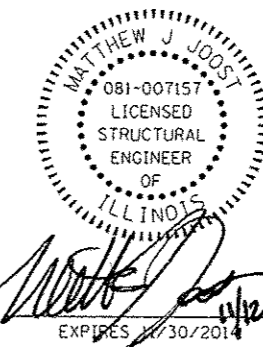
**WALL ELEVATIONS**

Station	Top of Exposed Module	Finished Grade at F.F. of Wall	Theo. Bench Elev.	Theo. Top of Leveling Pad
105+95.00	624.56	624.56	622.48	620.48
106+00.00	624.62	622.15	620.78	618.78
106+03.00	624.65	620.73	619.46	617.46
106+25.00	624.94	620.69	619.38	617.38
106+50.00	625.28	620.66	619.27	617.27
106+75.00	625.73	621.24	619.61	617.61
107+00.00	626.24	620.00	617.18	615.18
107+10.00	626.45	620.00	617.18	615.18
107+25.00	626.80	620.66	618.74	616.74
107+33.00	626.98	621.84	620.60	618.60
107+45.00	627.24	627.24	625.88	623.88



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Precast Modular Retaining Wall	Sq. Ft.	1258
Chain Link Fence, 5'	Foot	150



**DESIGN STRESSES**

Precast Units

$f'_c = 4,500$  psi (precast modules)

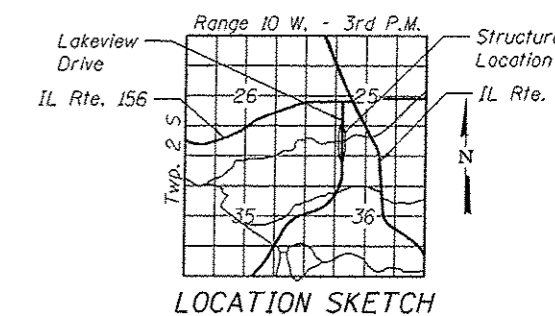
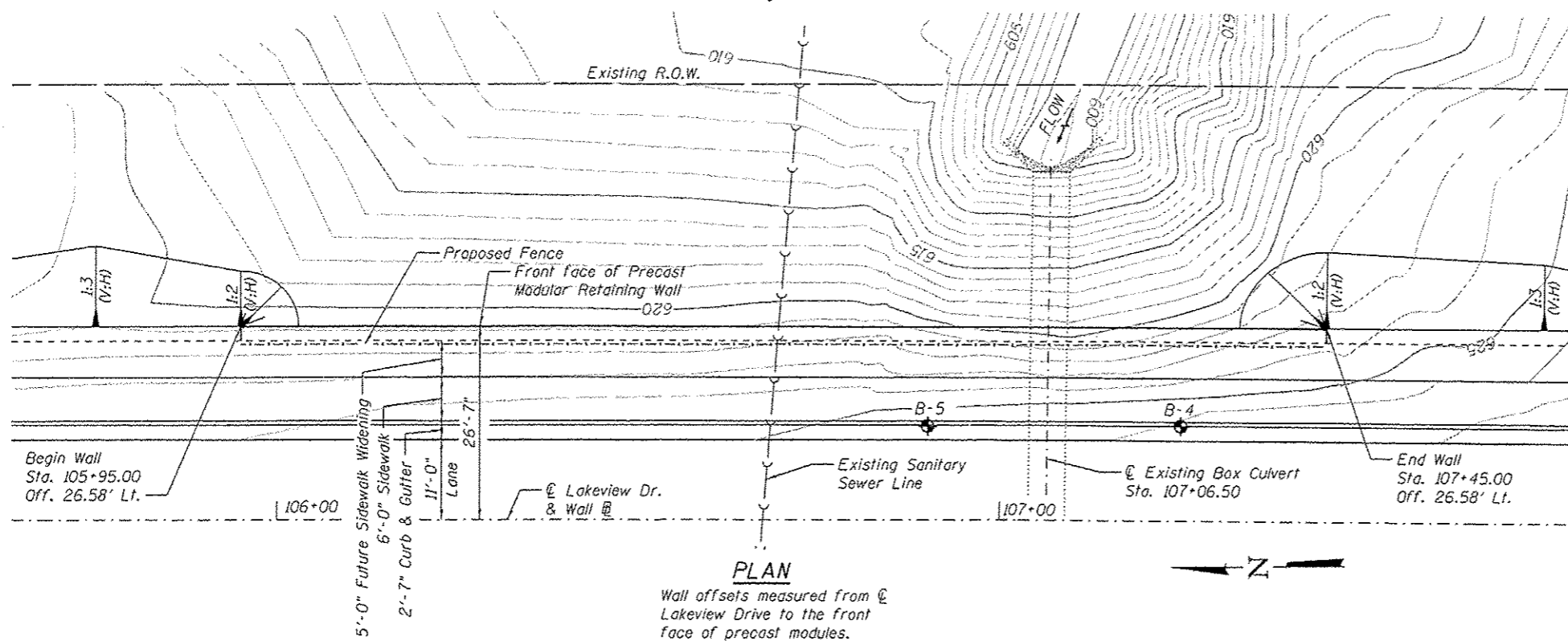
**DESIGN SPECIFICATIONS**

2002 AASHTO

**HIGHWAY CLASSIFICATION**

(F.A.U. Rte. 9314) - Lakeview Drive  
 Functional Classification: Minor Arterial  
 ADT: 4900 (2009); 5800 (2034)  
 ADTT: 4%  
 Posted Speed: 35 mph

Seal Applies to Sheets 16 thru 19

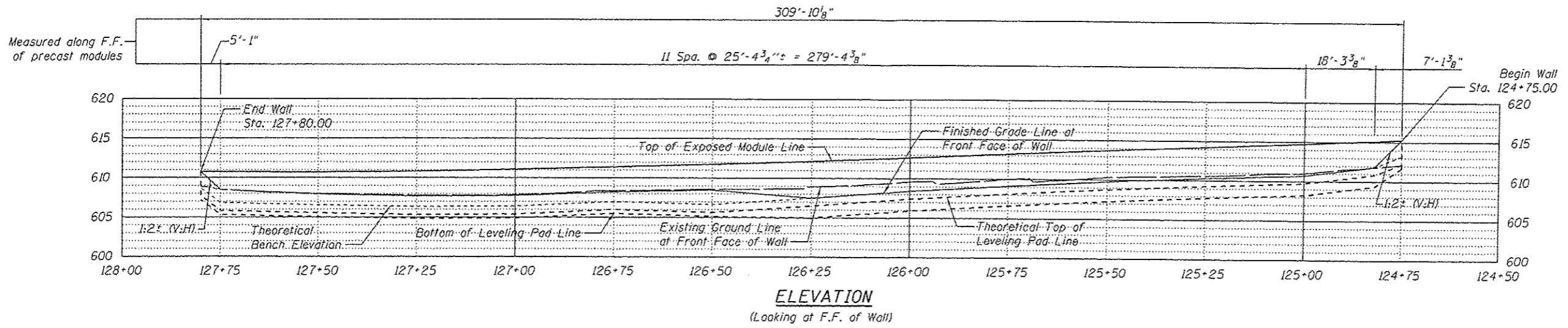


**GENERAL PLAN**  
**LAKEVIEW DRIVE**  
 F.A.U. RTE. 9314 - SEC. 11-00034-02-SW  
 MONROE COUNTY  
 STATION 105+95.00 TO 107+45.00  
**WALL 1**

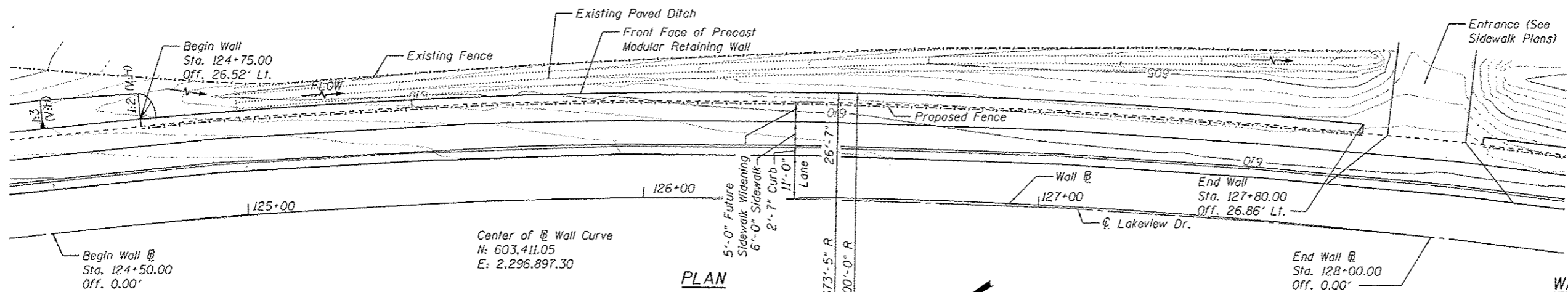
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<b>THOUVENOT, WADE &amp; MOERCHEN, INC.</b> 	USER NAME = mjoost PLOT SCALE = 0:2.0000 " = 1' - 0" PLOT DATE = 11/12/2014	DESIGNED - MJJ CHECKED - TJP DRAWN - TJP CHECKED - MJJ	REVISED REVISED REVISED REVISED	<b>CITY OF WATERLOO</b> <b>MONROE COUNTY, ILLINOIS</b>	F.A.U. RTE. 9314 SECTION 11-00034-02-SW COUNTY MONROE TOTAL SHEETS 68 SHEET NO. 17
	SHEET NO. 1 OF 4 SHEETS				CONTRACT NO. [ILLINOIS] FED. AID PROJECT

Benchmark:  
 BM#214 Rail road spike set in power pole on South Side Library St. at Lakeview  
 Drive. Sta. 134+82.78, 53.79' Lt. Elev. 616.65  
 Existing Structure: None

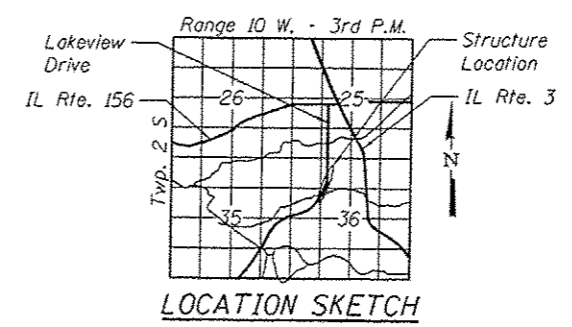


**DESIGN STRESSES**  
 Precast Units  
 $f'c = 4,500$  psi (precast modules)  
**DESIGN SPECIFICATIONS**  
 2002 AASHTO  
**HIGHWAY CLASSIFICATION**  
 (F.A.U. Rte. 9314) - Lakeview Drive  
 Functional Classification: Minor Arterial  
 ADT: 3000 (2009); 3600 (2034)  
 ADTT: 4%  
 Posted Speed: 45 mph



**WALL ELEVATIONS**

Top of Exposed Module	Finished Grade at F.F. of Wall	Theo. Bench Elev.	Theo. Top of Leveling Pad	Bottom of Leveling Pad
615.28	615.28	613.19	612.19	611.69
615.13	611.85	611.85	610.85	609.35
614.75	610.72	610.72	609.72	608.22
614.24	610.29	610.29	609.29	607.79
613.73	609.78	609.78	608.78	607.28
613.19	609.13	609.13	608.13	606.63
612.65	608.41	608.41	607.41	605.91
612.14	607.49	607.49	606.49	604.99
611.74	608.46	606.65	605.65	605.15
611.40	608.21	607.00	606.00	605.50
611.07	607.73	606.39	605.39	604.89
610.81	607.66	606.33	605.33	604.83
610.71	607.92	606.55	605.55	605.05
610.76	608.49	606.83	605.83	605.33
610.78	610.78	608.68	607.68	607.18



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Precast Modular Retaining Wall	Sq. Ft.	1595
Chain Link Fence, 5'	Foot	310

**GENERAL PLAN**  
**LAKEVIEW DRIVE**  
 F.A.U. RTE. 9314 - SEC. 11-00034-02-SW  
 MONROE COUNTY  
 STATION 124+75.00 TO 127+80.00  
**WALL 2**

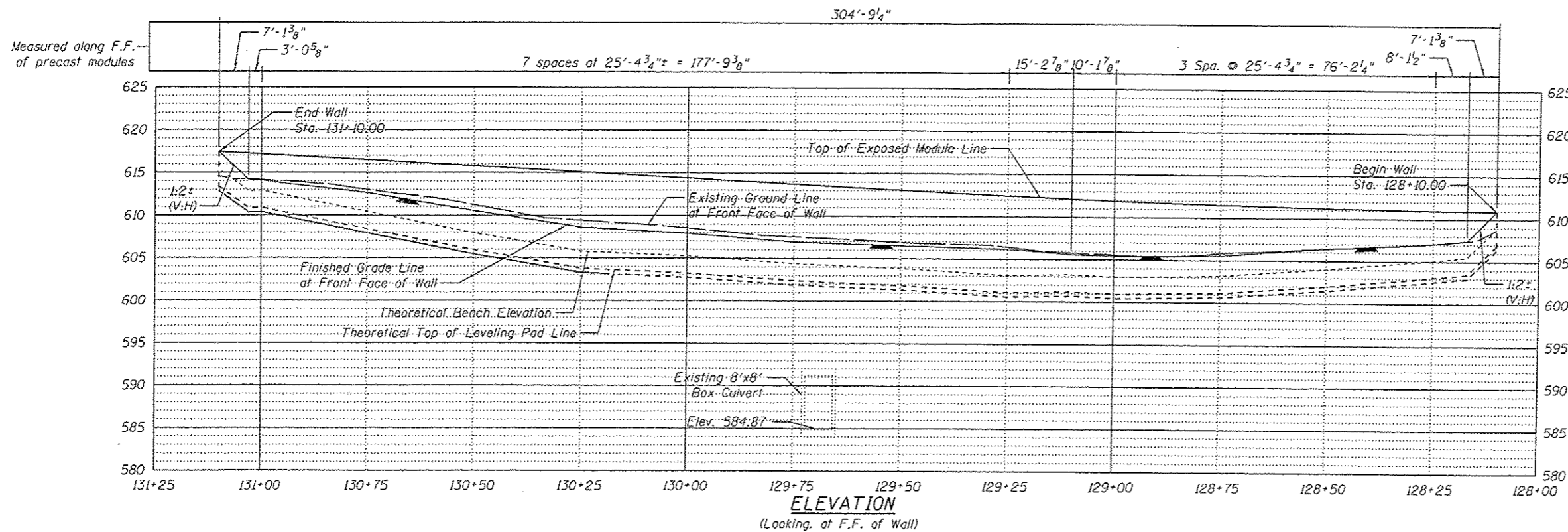
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<b>THOUVENOT, WADE &amp; MOERCHEN, INC.</b> <small>SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES</small>	USER NAME = mjoost	DESIGNED - MJJ	REVISED	<b>CITY OF WATERLOO MONROE COUNTY, ILLINOIS</b>	SHEET NO. 2 OF 4 SHEETS	F.A.U. RTE. 9314	SECTION 11-00034-02-SW	COUNTY MONROE	TOTAL SHEETS 68	SHEET NO. 18
	PLOT SCALE = 0:2,000 @ 1" = 10'	CHECKED - TJP	DRAWN - TJP			REVISED	CONTRACT NO.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 11/12/2014	CHECKED - MJJ	REVISED							

Benchmark:  
 BM#214 Rail road spike set in power pole on South Side Library St. at Lakeview  
 Drive. Sta. 134+82.78, 53.79' Lt. Elev. 616.65  
 Existing Structure: None

**WALL ELEVATIONS**

Station	Top of Exposed Module	Finished Grade at F.F. of Wall	Theo. Bench Elev.	Theo. Top of Leveling Pad
128+10.00	610.93	610.93	608.84	606.84
128+17.00	610.96	607.41	605.48	603.48
128+25.00	611.00	607.08	605.10	603.10
128+50.00	611.22	606.41	604.03	602.03
128+75.00	611.52	605.55	603.17	601.17
129+00.00	611.93	605.45	602.98	600.98
129+10.00	612.13	605.58	603.23	601.23
129+25.00	612.46	606.19	603.11	601.11
129+50.00	613.07	606.52	603.85	601.85
129+75.00	613.74	606.93	604.39	602.39
130+00.00	614.42	607.91	605.26	603.26
130+25.00	615.11	608.63	605.81	603.81
130+50.00	615.81	610.54	607.94	605.94
130+75.00	616.53	612.64	610.42	608.42
131+00.00	617.19	614.06	612.90	610.90
131+03.00	617.27	614.12	612.86	610.86
131+10.00	617.44	617.44	615.35	613.35



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Precast Modular Retaining Wall	Sq. Ft.	2953
Chain Link Fence, 5'	Foot	305

**DESIGN STRESSES**

**Precast Units**

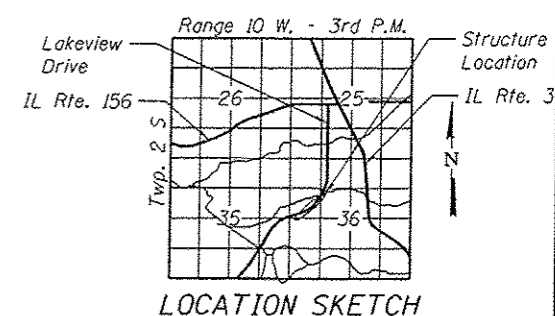
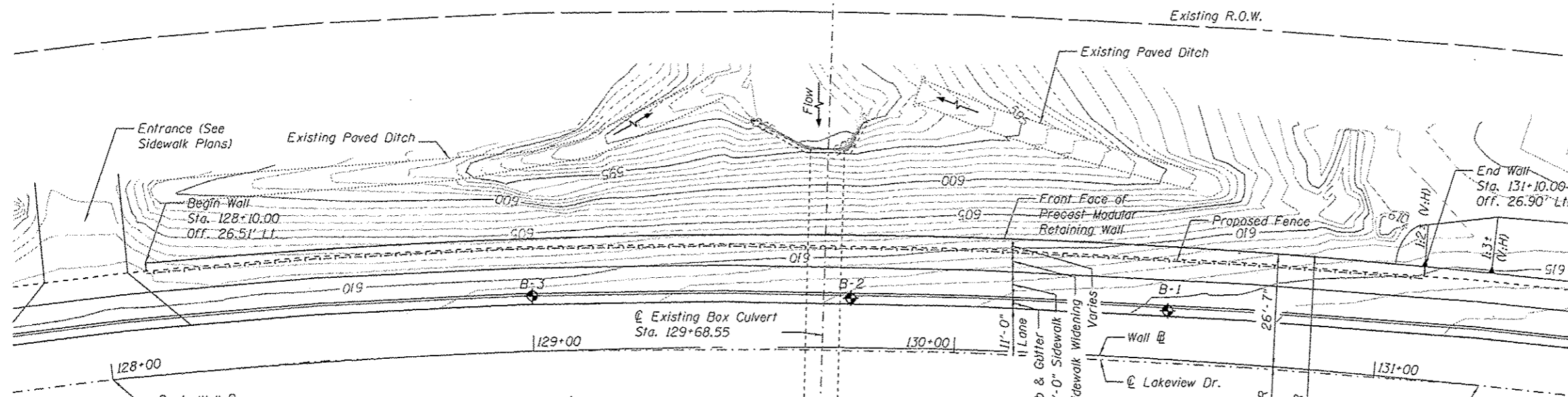
$f'_c = 4,500$  psi (precast modules)

**DESIGN SPECIFICATIONS**

2002 AASHTO

**HIGHWAY CLASSIFICATION**

(F.A.U. Rte. 9314) - Lakeview Drive  
 Functional Classification: Minor Arterial  
 ADT: 3000 (2009); 3600 (2034)  
 ADTT: 4%  
 Posted Speed: 45 mph



**PLAN**

Wall offsets measured from  
 @ Lakeview Dr. to the Front  
 Face of Precast Modules.  
 Front Face of Precast  
 Modular Retaining Wall is  
 Concentric with Wall @.

**GENERAL PLAN  
 LAKEVIEW DRIVE  
 F.A.U. RTE. 9314 - SEC. 11-00034-02-SW  
 MONROE COUNTY  
 STATION 128+10.00 TO 131+10.00  
 WALL 3**

FILE NAME: P:\128714\1-CADD - DWG\11-3-ST-Walls-003.dwg

**THOUVENOT,  
 WADE &  
 MOERCHEN, INC.**

SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES

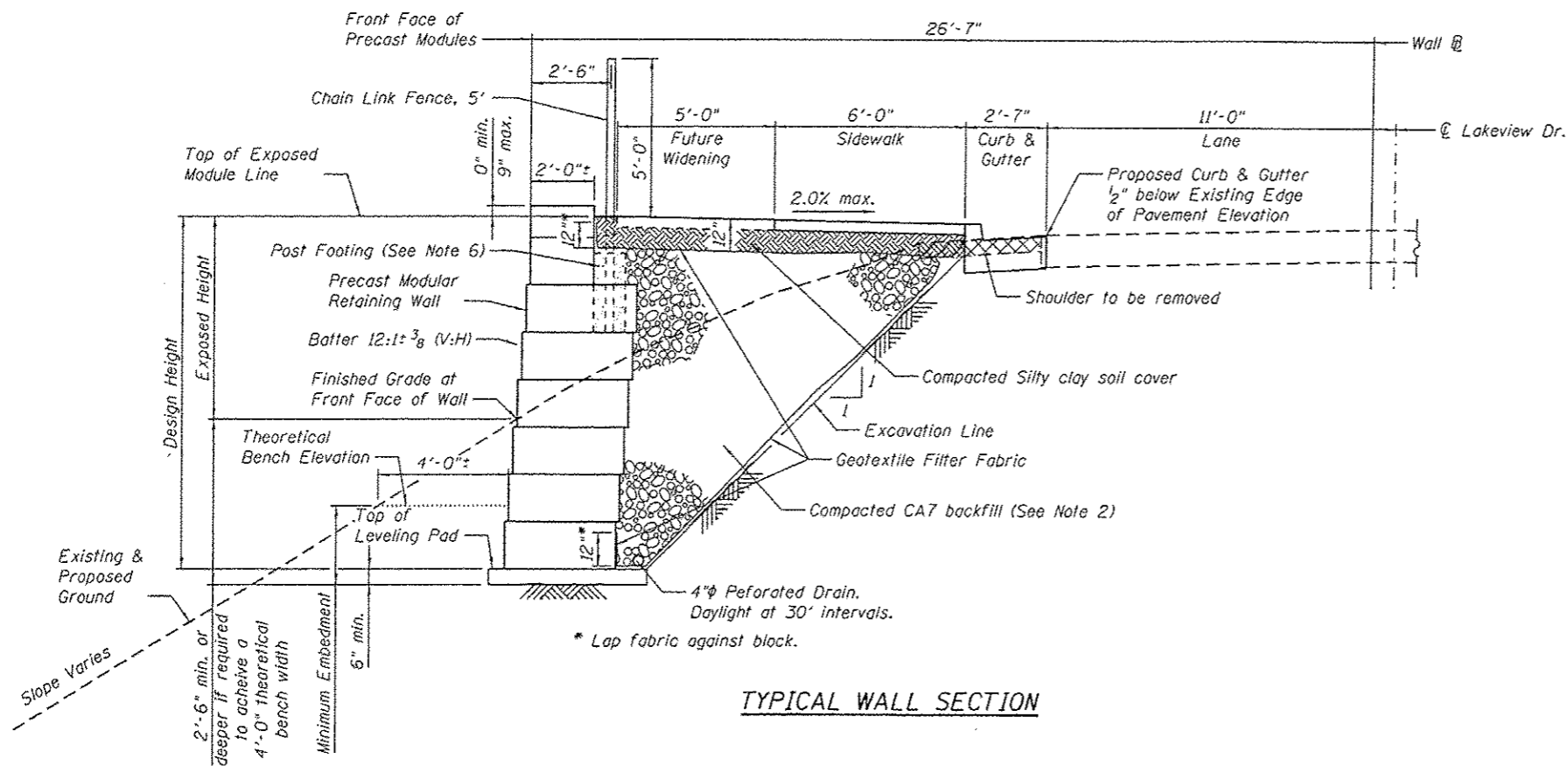
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	CHECKED - MJJ	REVISED

**CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS**

F.A.U. RTE. 9314	SECTION 11-00034-02-SW	COUNTY MONROE	TOTAL SHEETS 68	SHEET NO. 19
CONTRACT NO.				

Notes:

1. The wall shall be designed for a highway live load surcharge specified by AASHTO.
2. CA7 backfill shall be placed in level lifts of 6" maximum thickness and compacted by a minimum of 3 passes with vibratory equipment approved by the engineer.
3. The module formliner shall be approved by the Owner prior to bidding. The cap modules shall have the formliner pattern applied to the top and to both sides of the module.
4. Chain link fence shall be installed behind the cap module as shown in the Typical Sections. A concrete fence post footing shall be cast around each post between the modules and shall extend to the bottom of the second course below the cap module. Place fabric or other bond breaker between post concrete and block. The fence post footing details shall be included in the shop drawing submittal.
5. The excavation for the wall, geotextile filter material, perforated drain, granular backfill and soil cover shall be included in the cost of Precast Modular Retaining Wall.
6. See the sidewalk plans for quantities (including removal items and seeding) and for details not shown on the wall plans.
7. See the Special Provision for additional information.



WALL DIMENSIONS

WALL	MAX. EXPOSED HEIGHT	MAX. DESIGN HEIGHT	MIN. EMBEDMENT
1	6'-5 3/8"	11'-3 1/4"	2'-0"
2	4'-7 3/4"	6'-1"	1'-0"
3	6'-9 3/4"	11'-4 1/8"	2'-0"

WALL DESIGN PARAMETERS

Allowable bearing pressure = 2,800 psf  
 Foundation soil effective angle of internal friction (φ) = 32°  
 CA7 backfill angle of internal friction (φ) = 40°

TYPICAL WALL SECTION

DETAILS  
 LAKEVIEW DRIVE  
 F.A.U. RTE. 9314 - SEC. 11-00034-02-SW  
 MONROE COUNTY  
 WALLS 1 THRU 3

FILE NAME: P:\130714\4-CADD - DWG\4.2-ST\Wall-1-RB1.dgn

THOUVENOT,  
 WADE &  
 MOERCHEN, INC.  
 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES



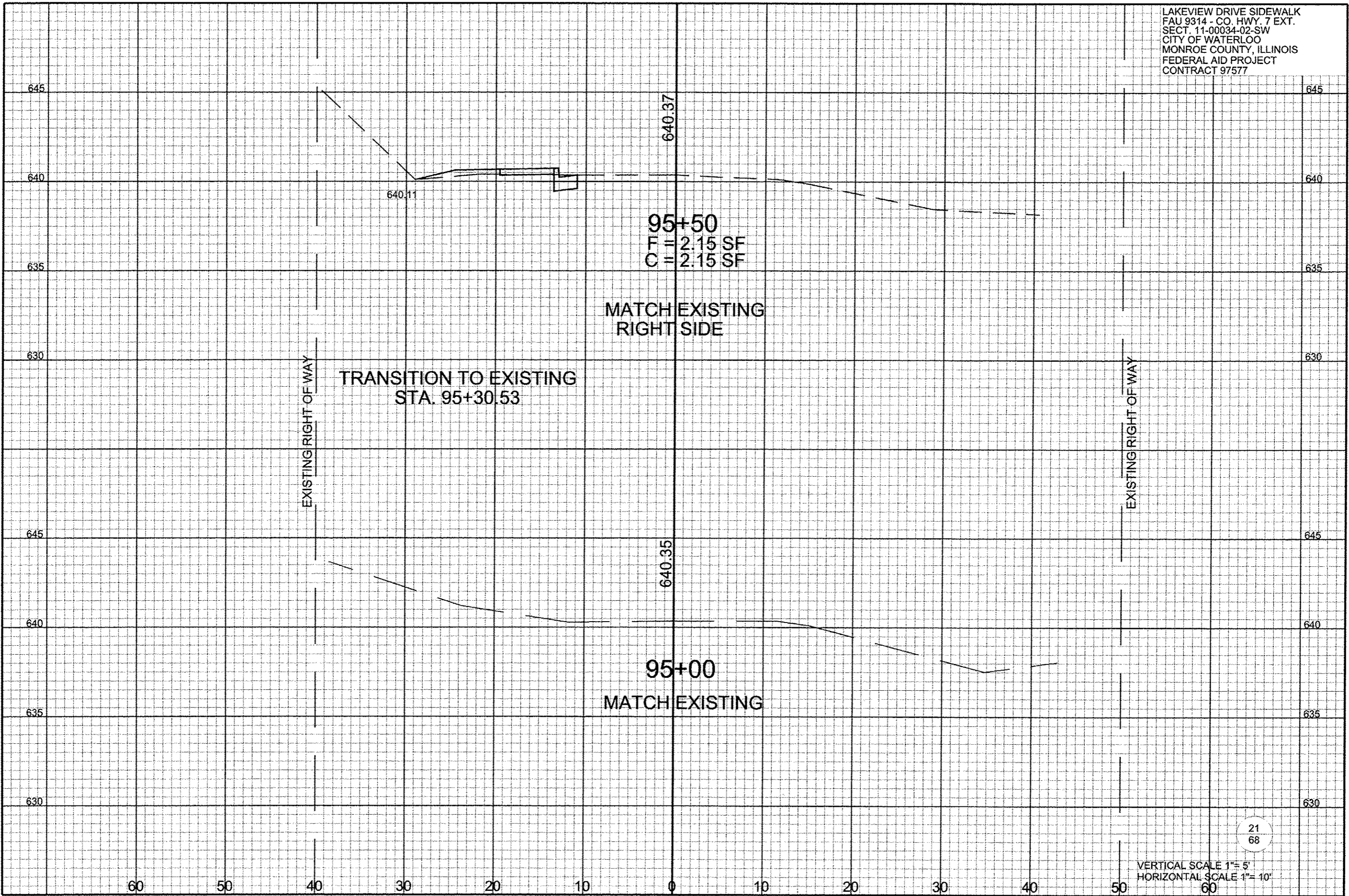
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CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS

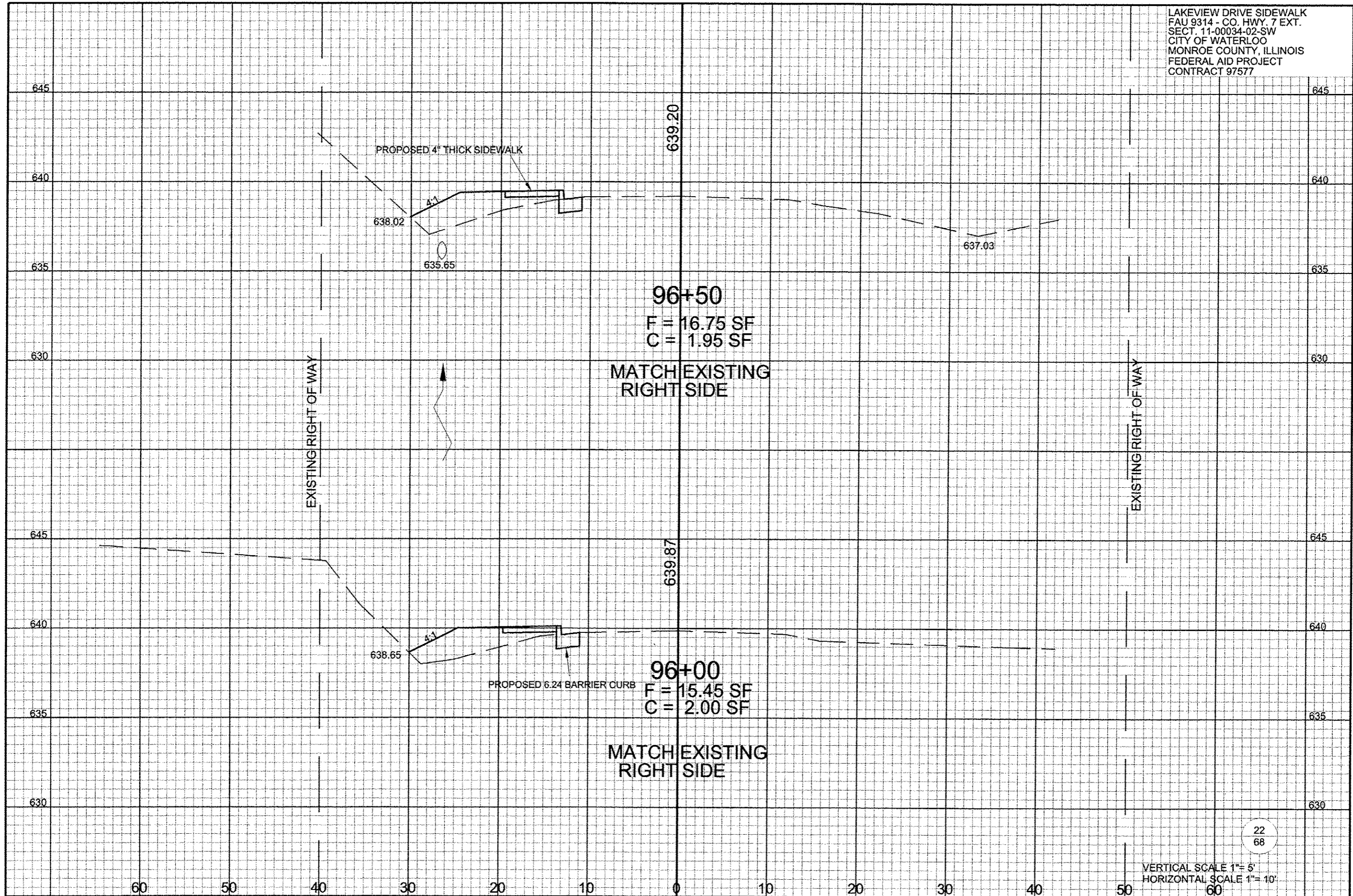
SHEET NO. 4 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9314	11-00034-02-SW	MONROE	68	20
CONTRACT NO.				
[ILLINOIS] FED. AID PROJECT				

LAKEVIEW DRIVE SIDEWALK  
FAU 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS  
FEDERAL AID PROJECT  
CONTRACT 97577



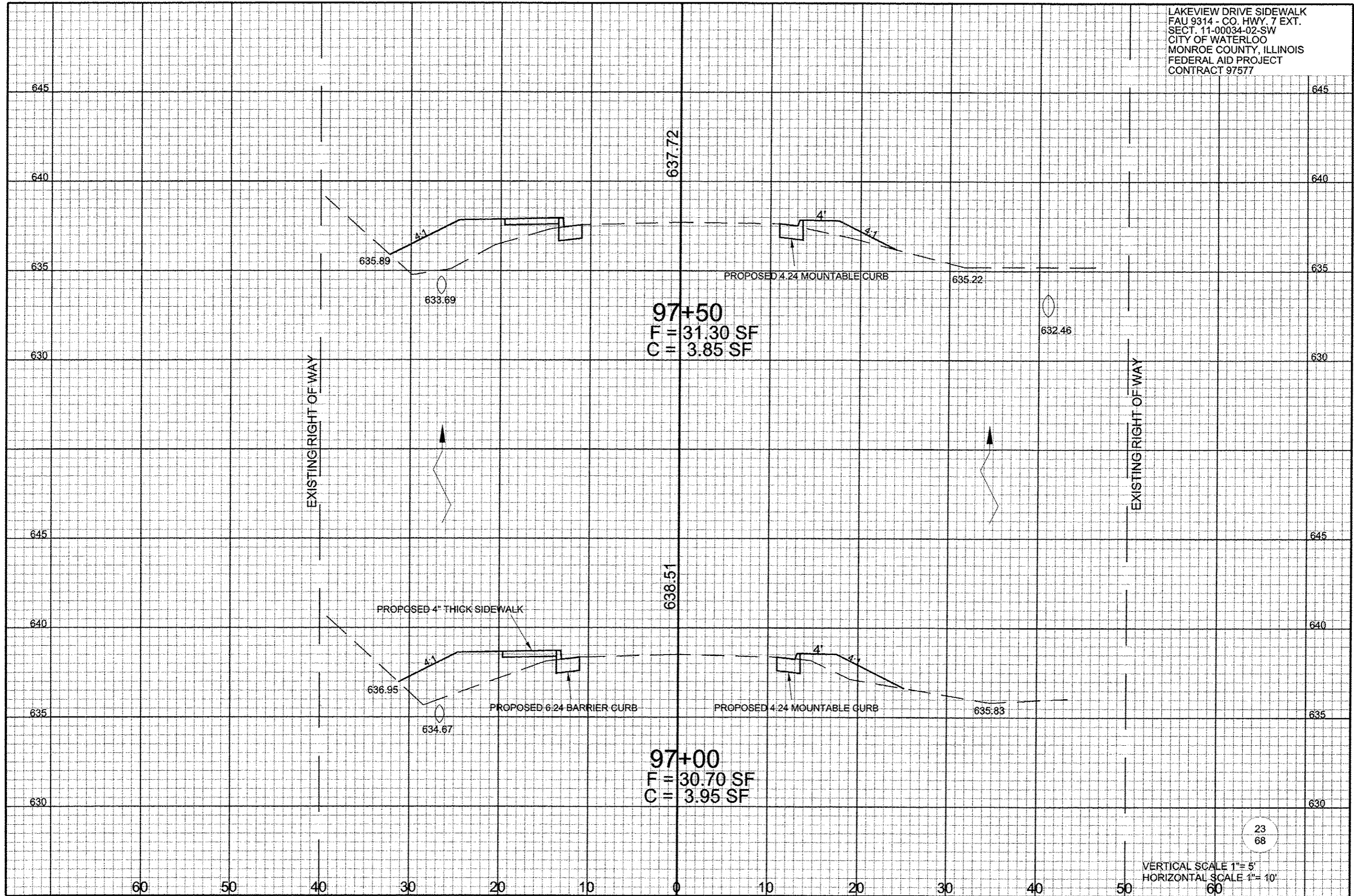
LAKEVIEW DRIVE SIDEWALK  
FAU 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS  
FEDERAL AID PROJECT  
CONTRACT 97577



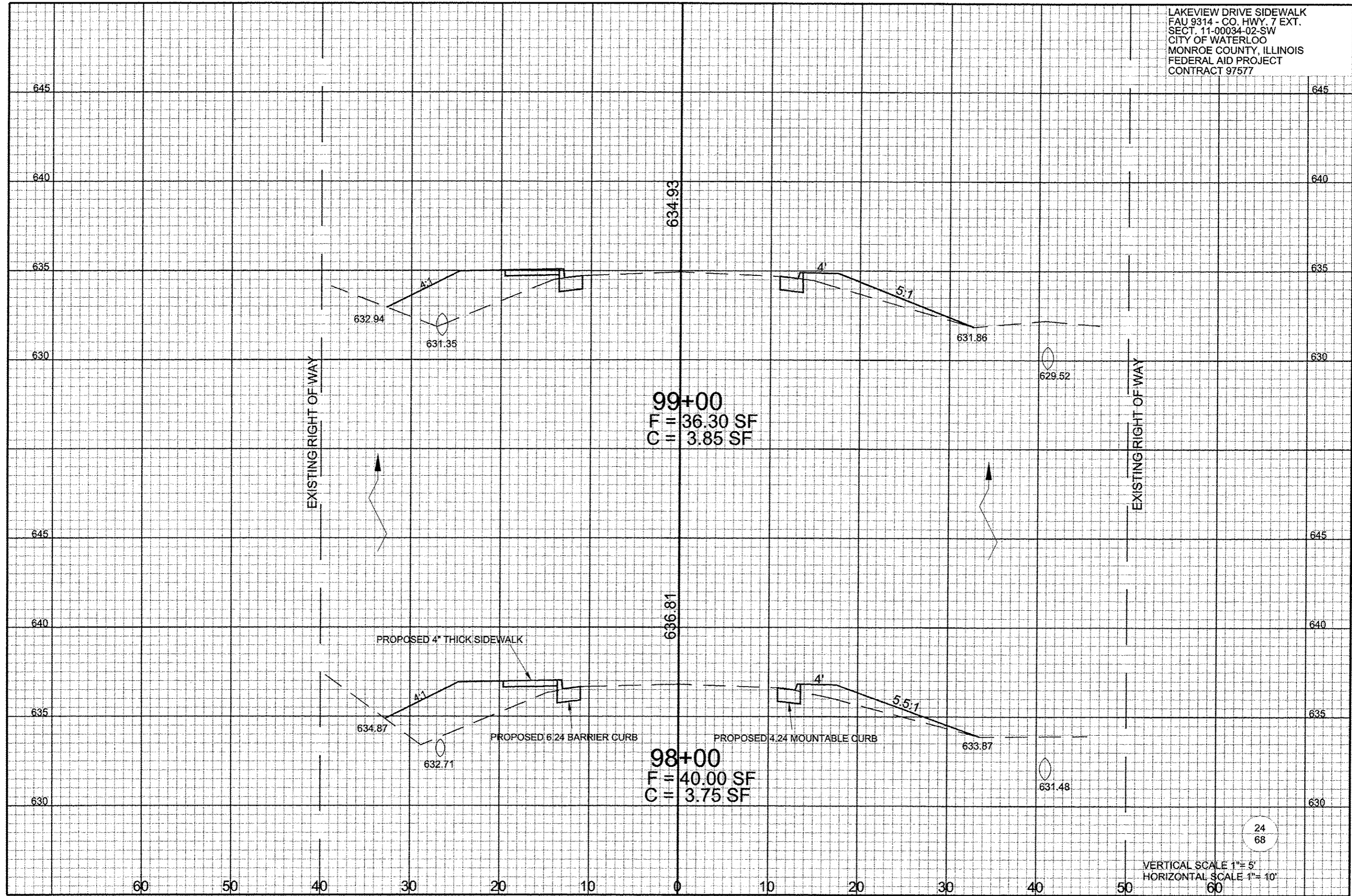
22  
68

VERTICAL SCALE 1" = 5'  
HORIZONTAL SCALE 1" = 10'

LAKEVIEW DRIVE SIDEWALK  
 FAU 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
 FEDERAL AID PROJECT  
 CONTRACT 97577

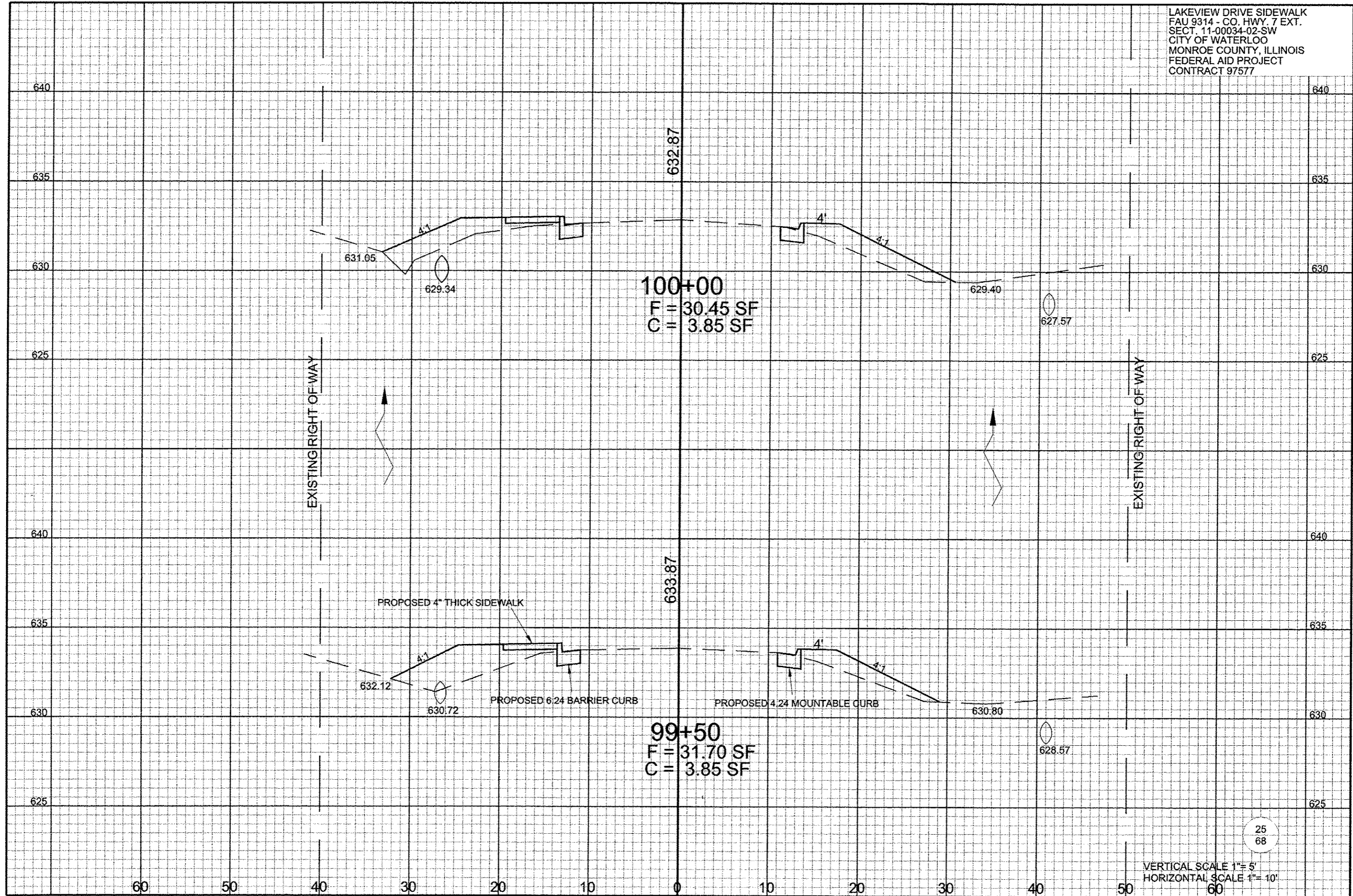


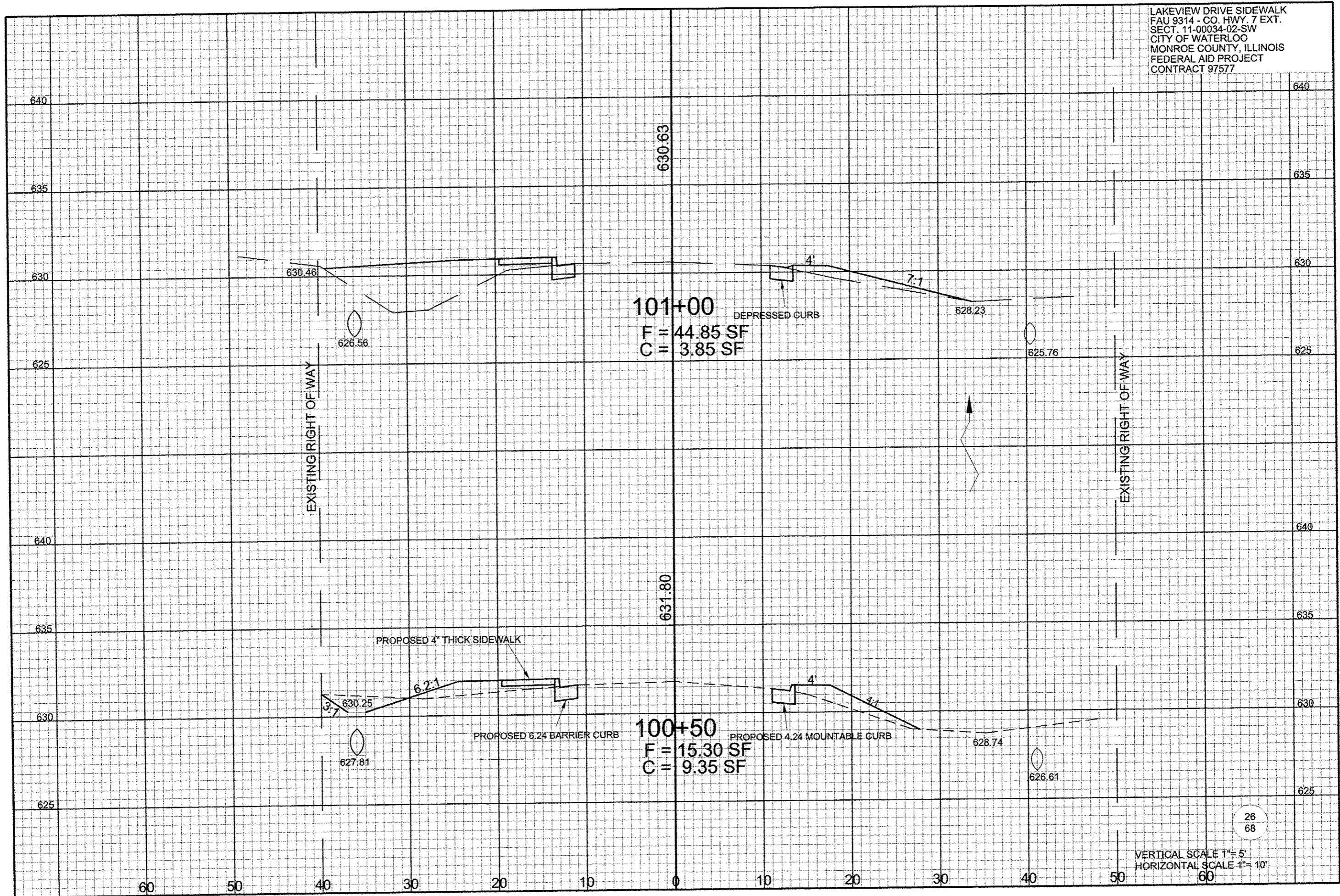
LAKEVIEW DRIVE SIDEWALK  
 FAU 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
 FEDERAL AID PROJECT  
 CONTRACT 97577



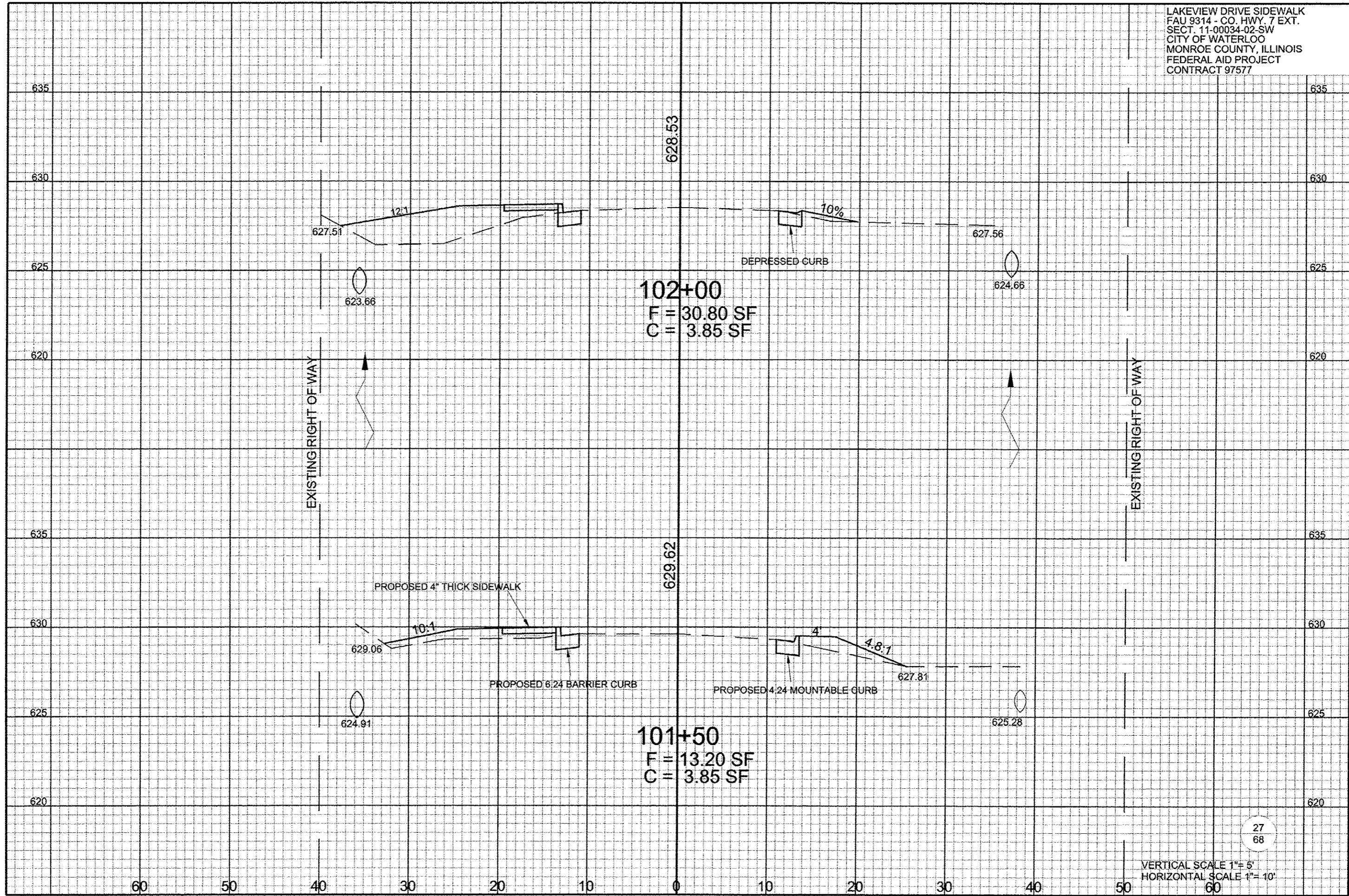


LAKEVIEW DRIVE SIDEWALK  
FAU 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS  
FEDERAL AID PROJECT  
CONTRACT 97577





LAKEVIEW DRIVE SIDEWALK  
 FAU 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
 FEDERAL AID PROJECT  
 CONTRACT 97577



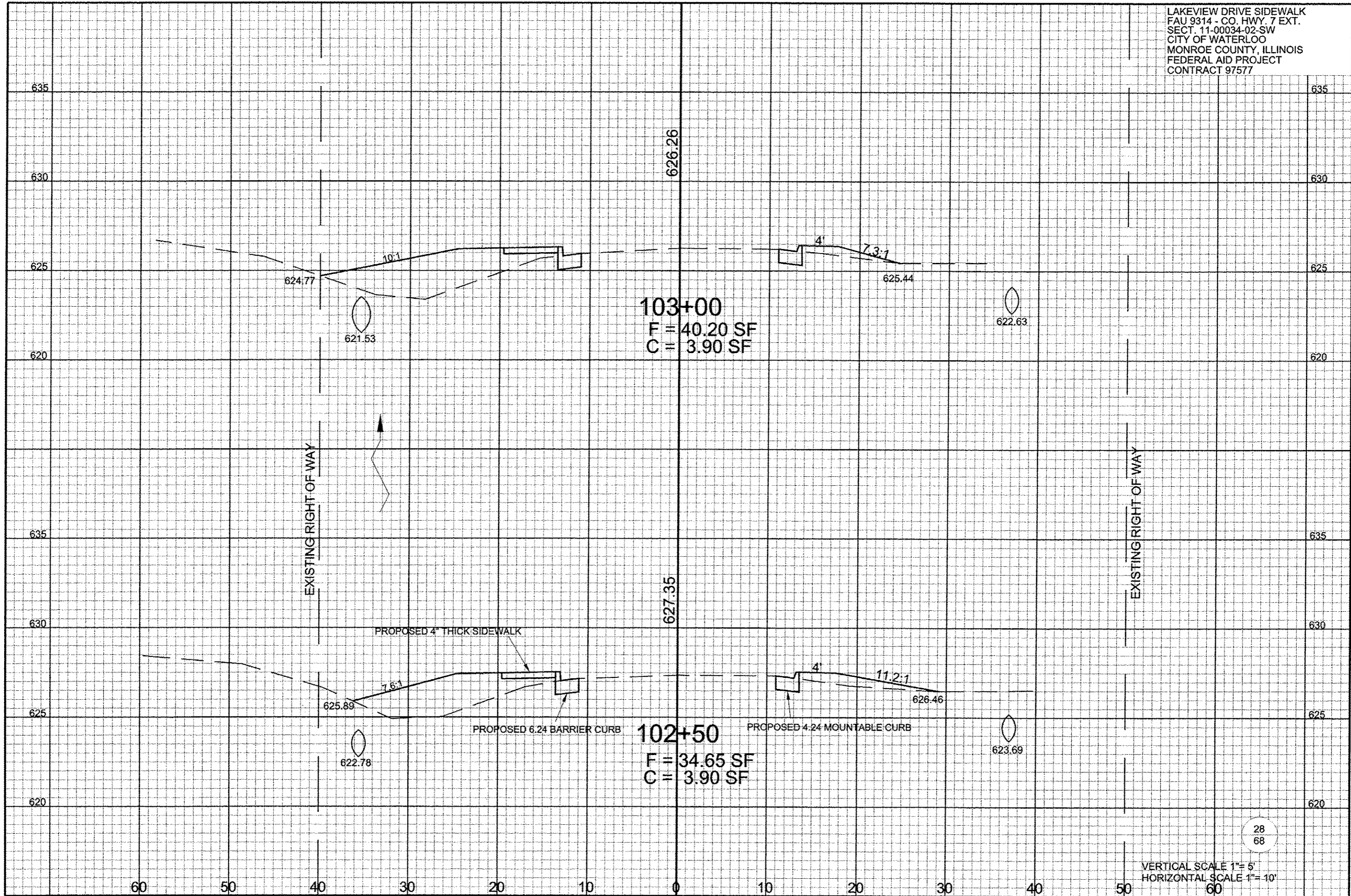
**102+00**  
 F = 30.80 SF  
 C = 3.85 SF

**101+50**  
 F = 13.20 SF  
 C = 3.85 SF

EXISTING RIGHT OF WAY

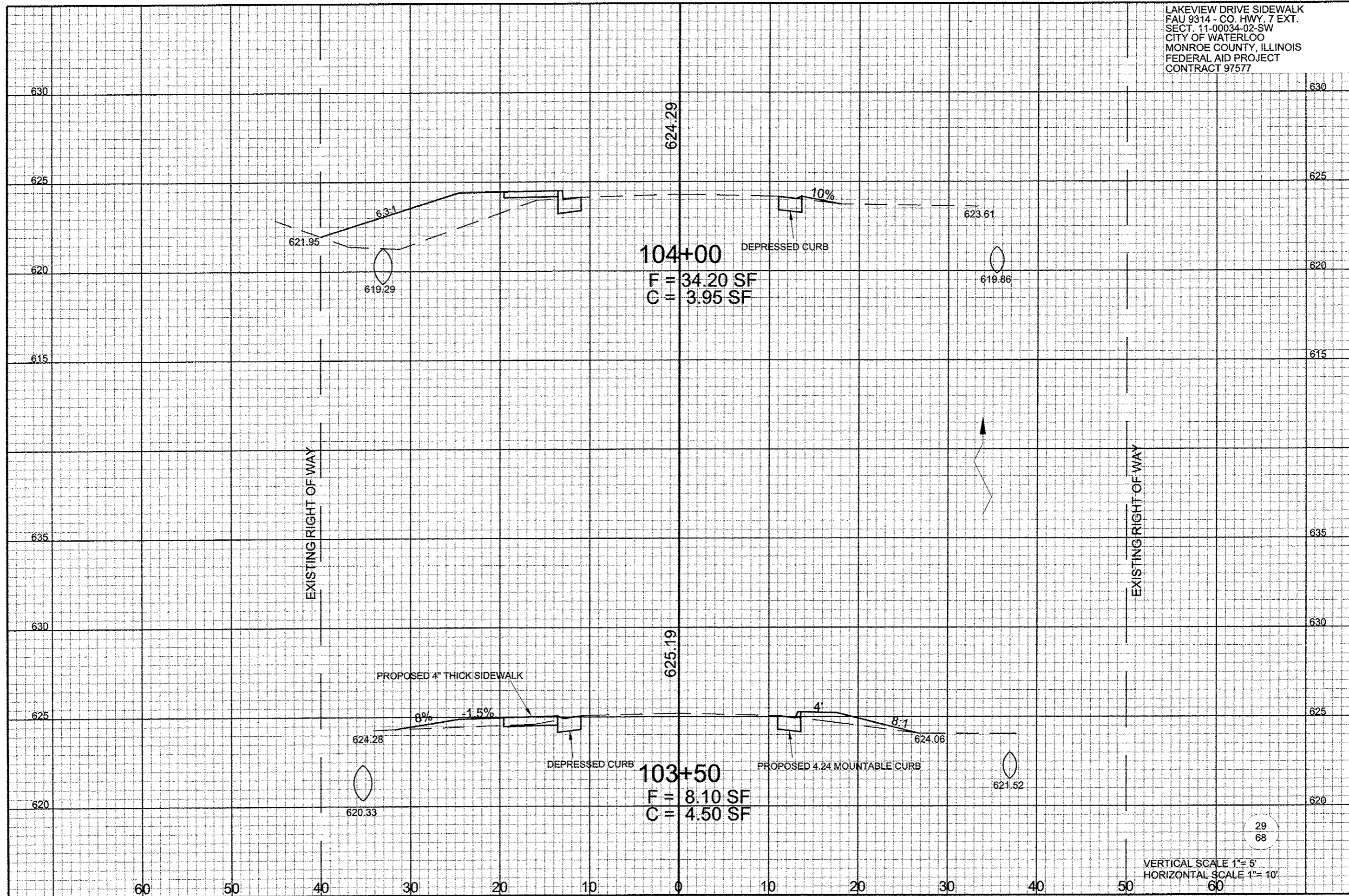
EXISTING RIGHT OF WAY

LAKEVIEW DRIVE SIDEWALK  
 FAU 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
 FEDERAL AID PROJECT  
 CONTRACT 97577

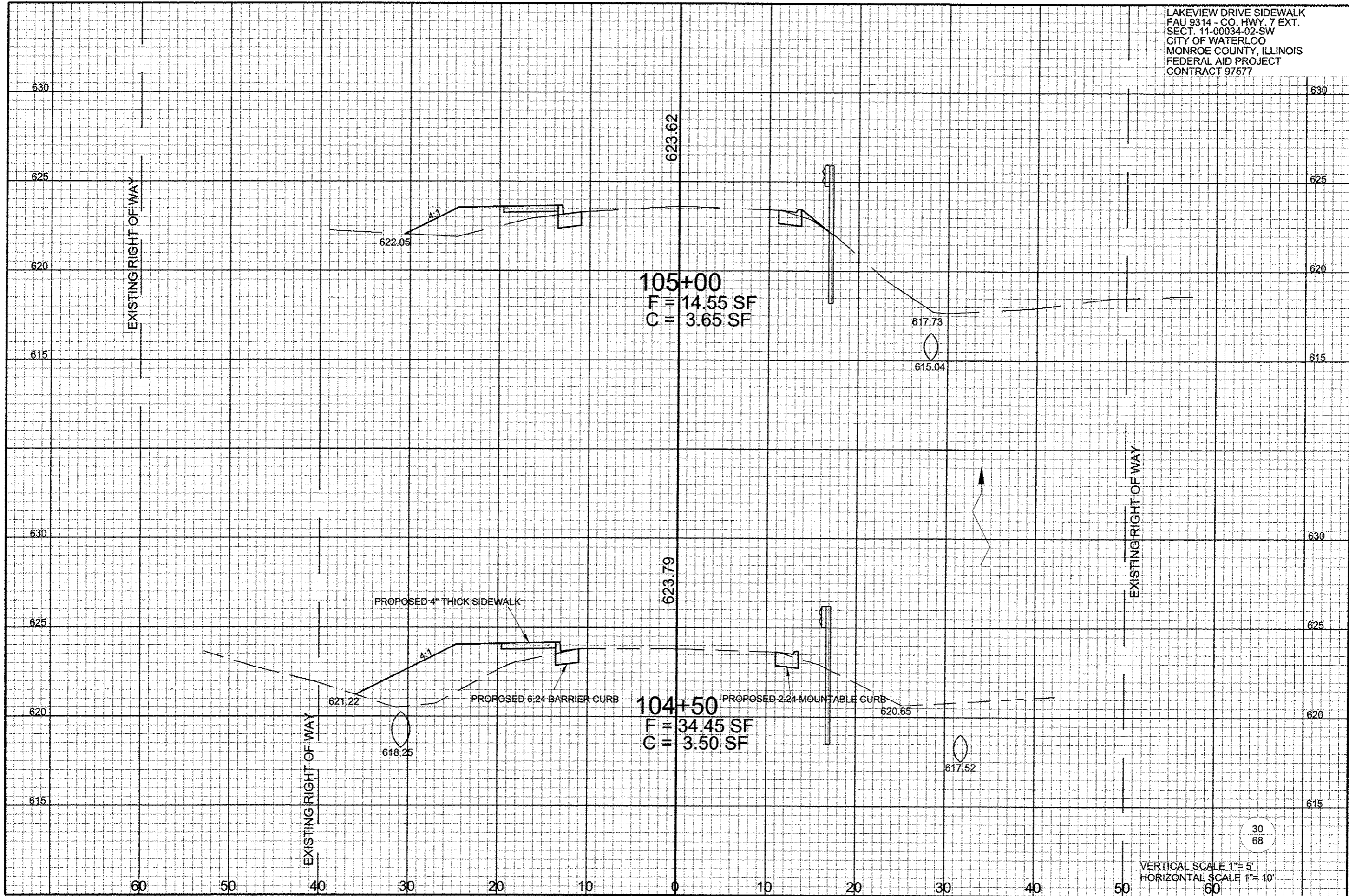


28  
68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

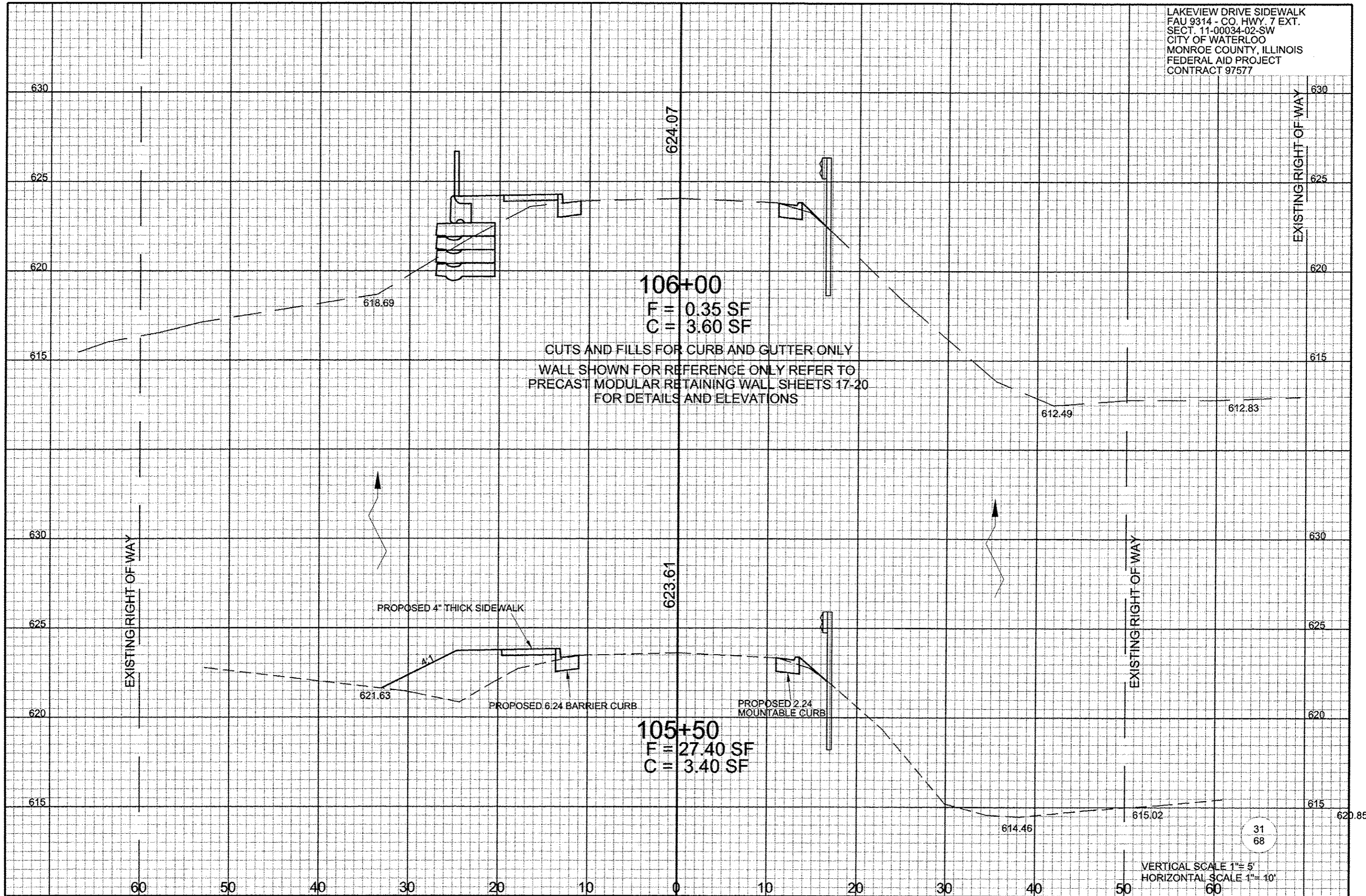


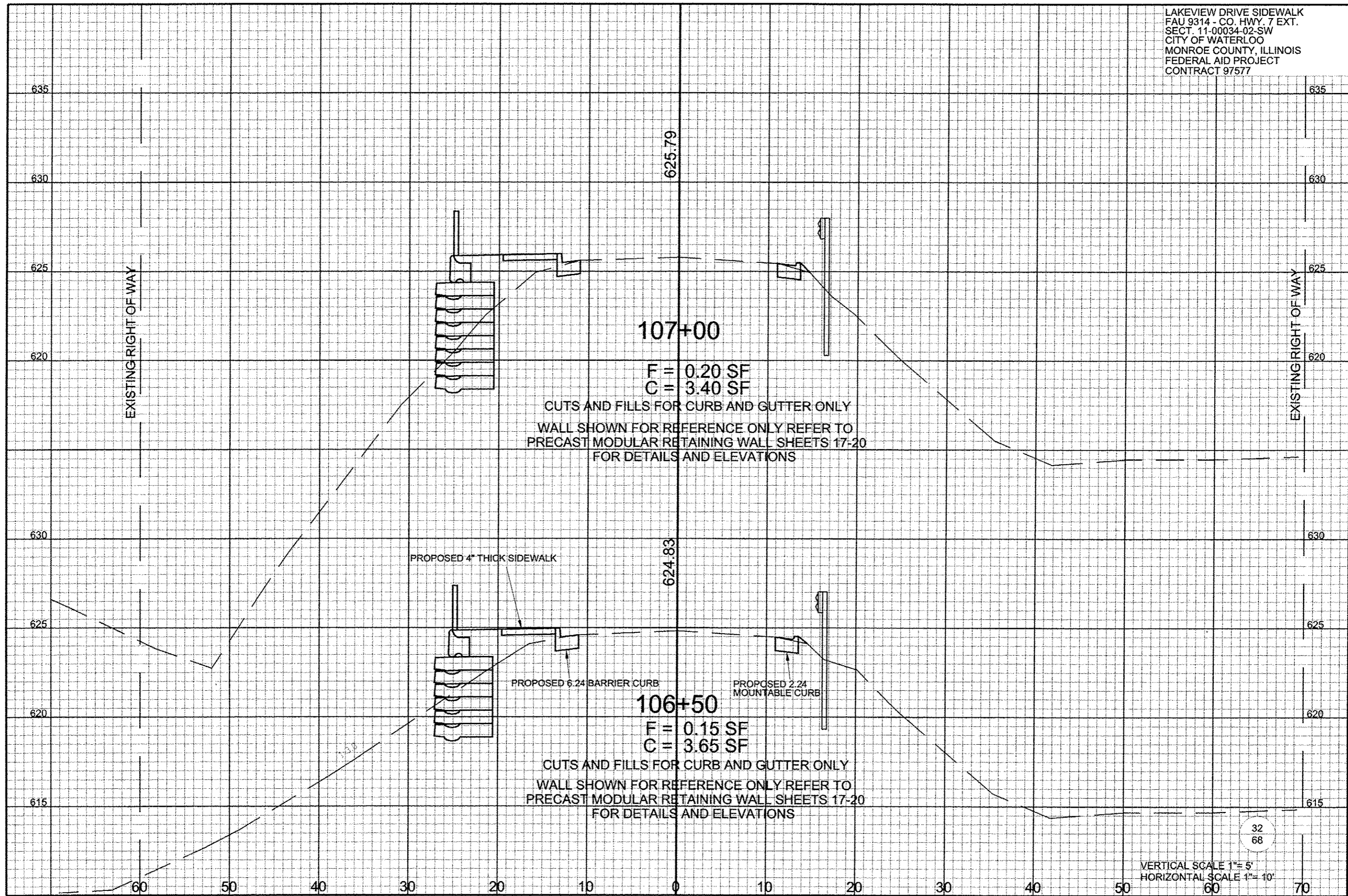
LAKEVIEW DRIVE SIDEWALK  
FAU 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS  
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30  
68

VERTICAL SCALE 1" = 5'  
HORIZONTAL SCALE 1" = 10'





107+00

F = 0.20 SF  
 C = 3.40 SF

CUTS AND FILLS FOR CURB AND GUTTER ONLY  
 WALL SHOWN FOR REFERENCE ONLY REFER TO  
 PRECAST MODULAR RETAINING WALL SHEETS 17-20  
 FOR DETAILS AND ELEVATIONS

624.83

106+50

F = 0.15 SF  
 C = 3.65 SF

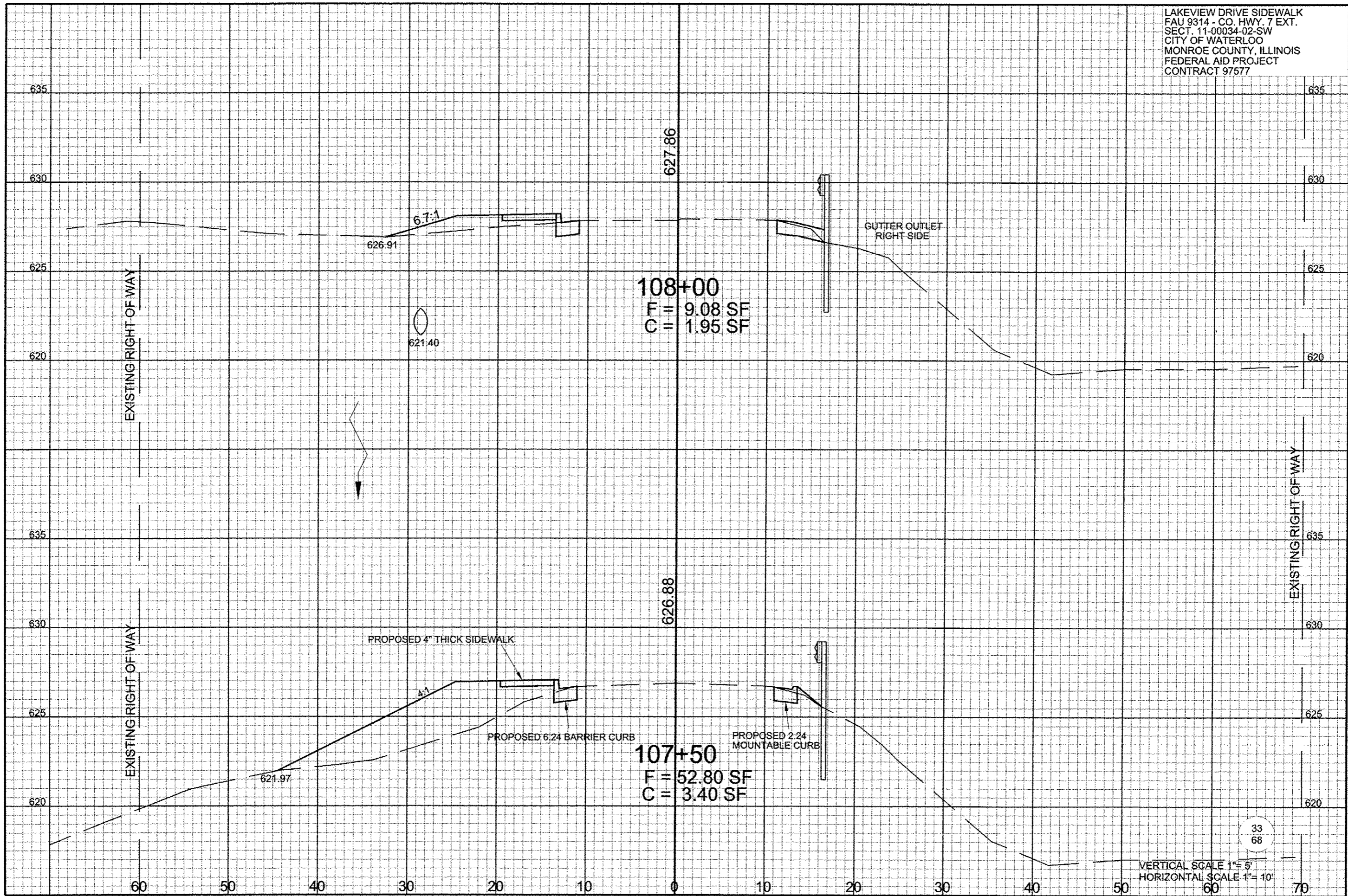
CUTS AND FILLS FOR CURB AND GUTTER ONLY  
 WALL SHOWN FOR REFERENCE ONLY REFER TO  
 PRECAST MODULAR RETAINING WALL SHEETS 17-20  
 FOR DETAILS AND ELEVATIONS

PROPOSED 4" THICK SIDEWALK

PROPOSED 6.24 BARRIER CURB

PROPOSED 2.24 MOUNTABLE CURB





**108+00**  
 F = 9.08 SF  
 C = 1.95 SF

**107+50**  
 F = 52.80 SF  
 C = 3.40 SF

6.7:1

626.91

621.40

621.97

6:1

PROPOSED 6:24 BARRIER CURB

PROPOSED 2.24 MOUNTABLE CURB

GUTTER OUTLET  
 RIGHT SIDE

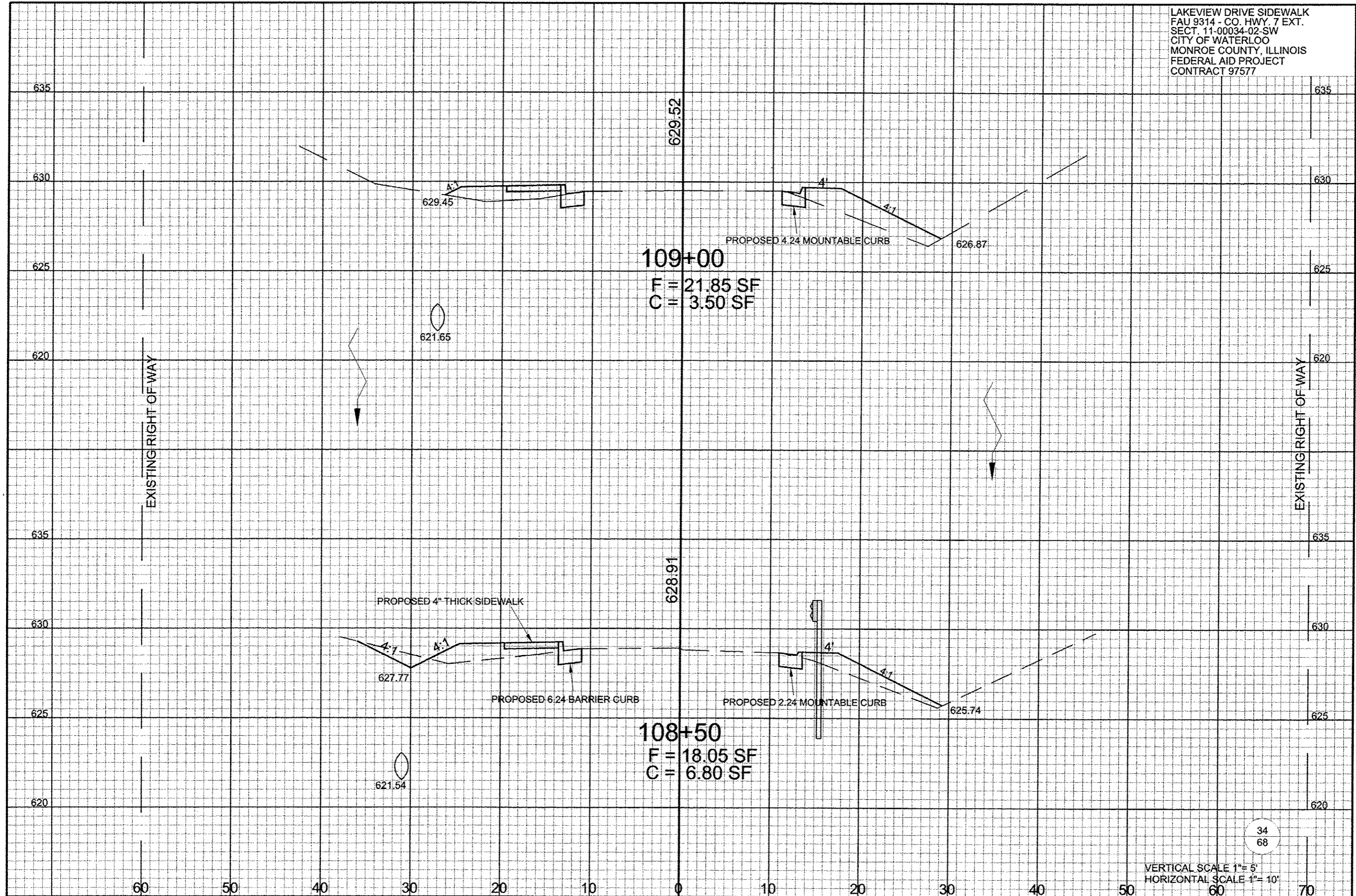
PROPOSED 4" THICK SIDEWALK

EXISTING RIGHT OF WAY

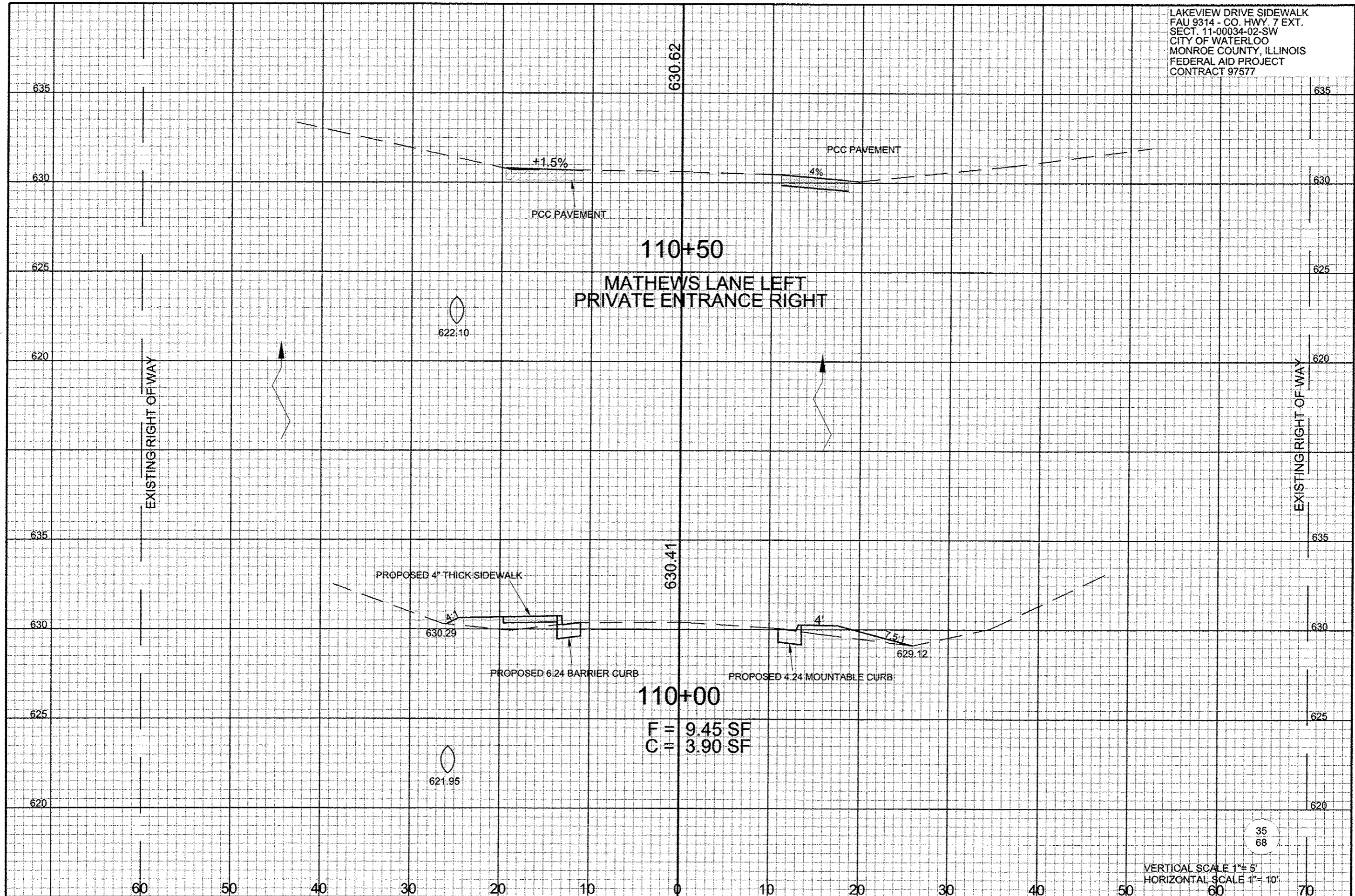
EXISTING RIGHT OF WAY

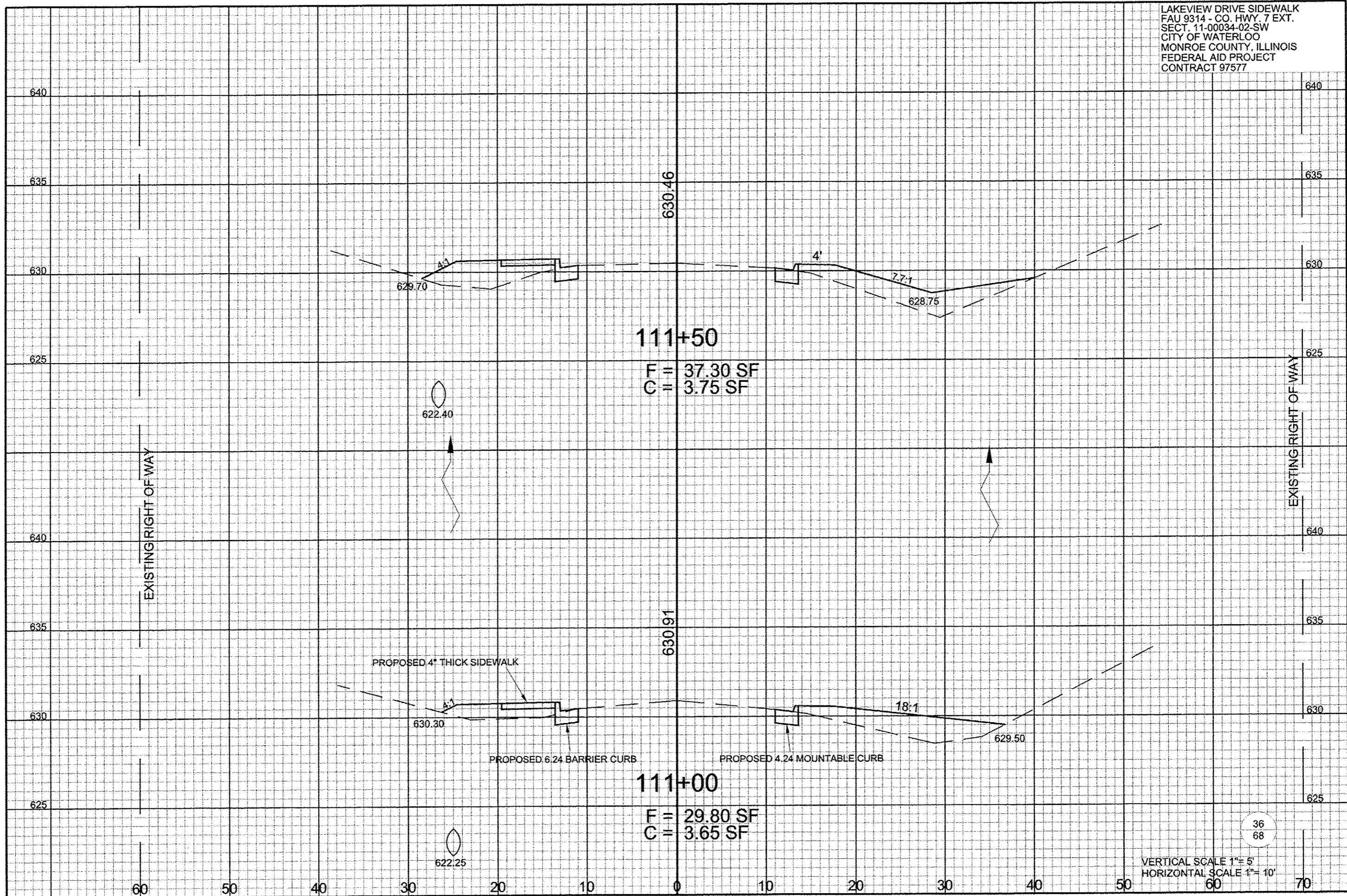
33  
 68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

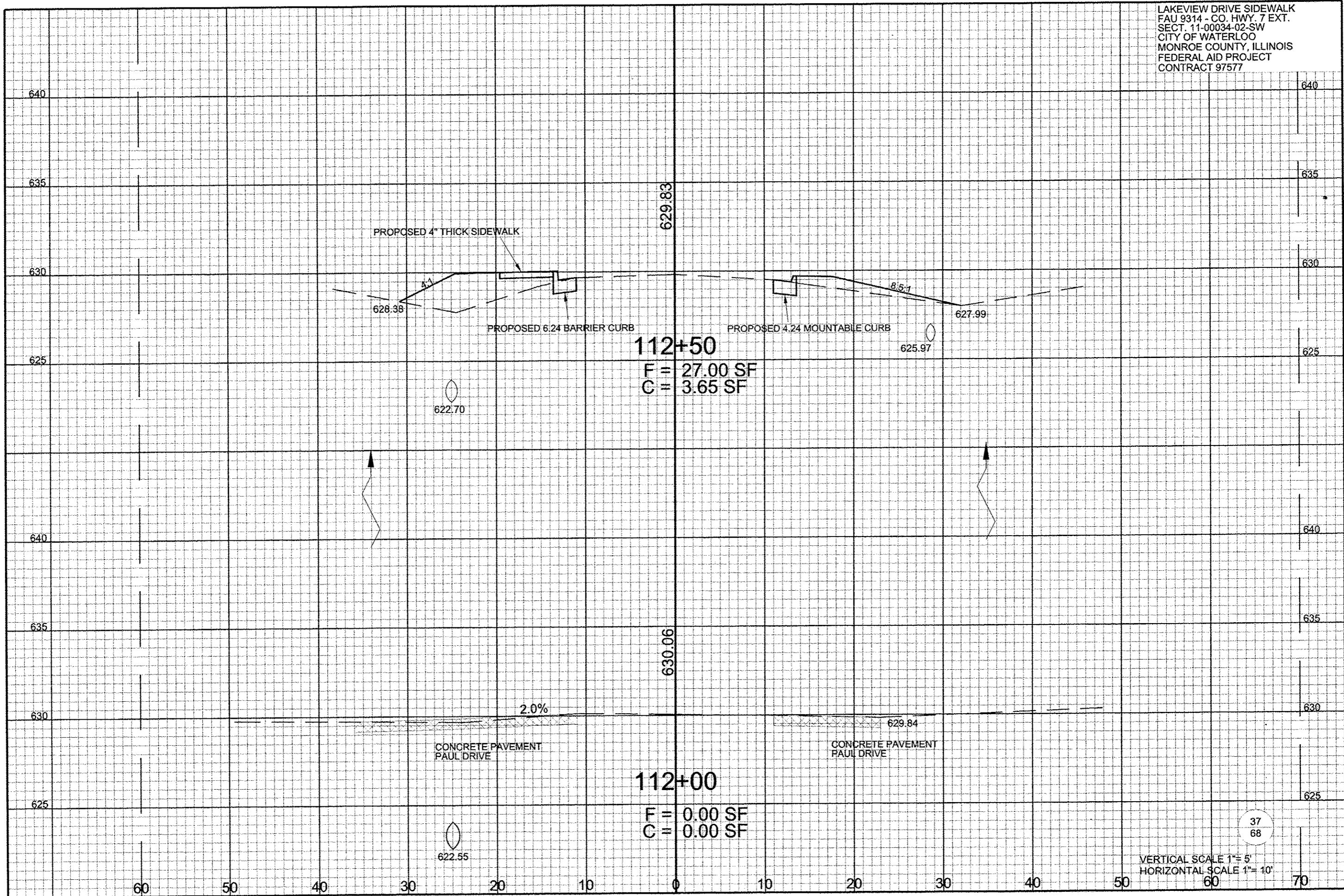


LAKEVIEW DRIVE SIDEWALK  
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LAKEVIEW DRIVE SIDEWALK  
 FAU 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
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 MONROE COUNTY, ILLINOIS  
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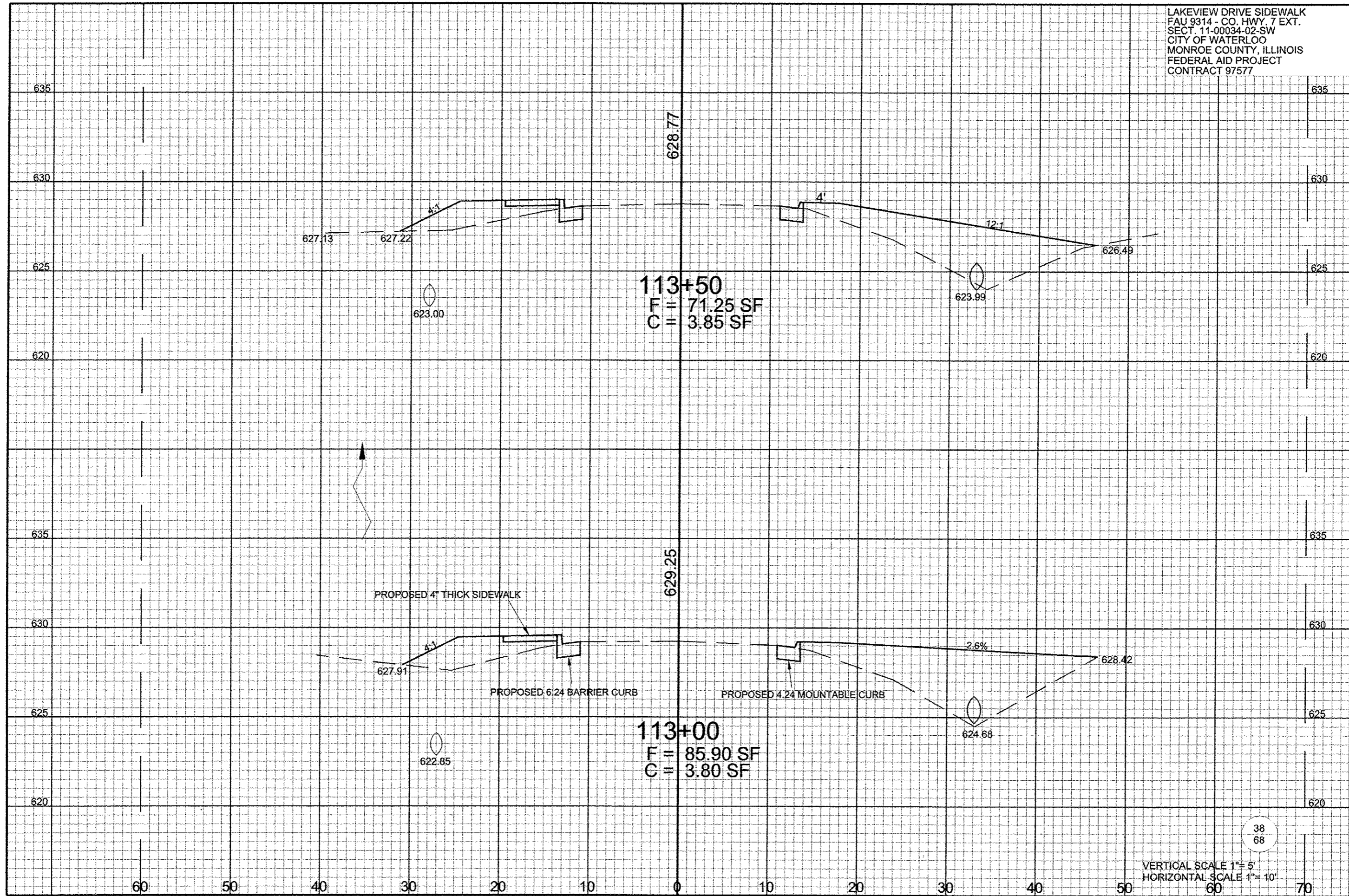


**112+50**  
 F = 27.00 SF  
 C = 3.65 SF

**112+00**  
 F = 0.00 SF  
 C = 0.00 SF

37  
68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'



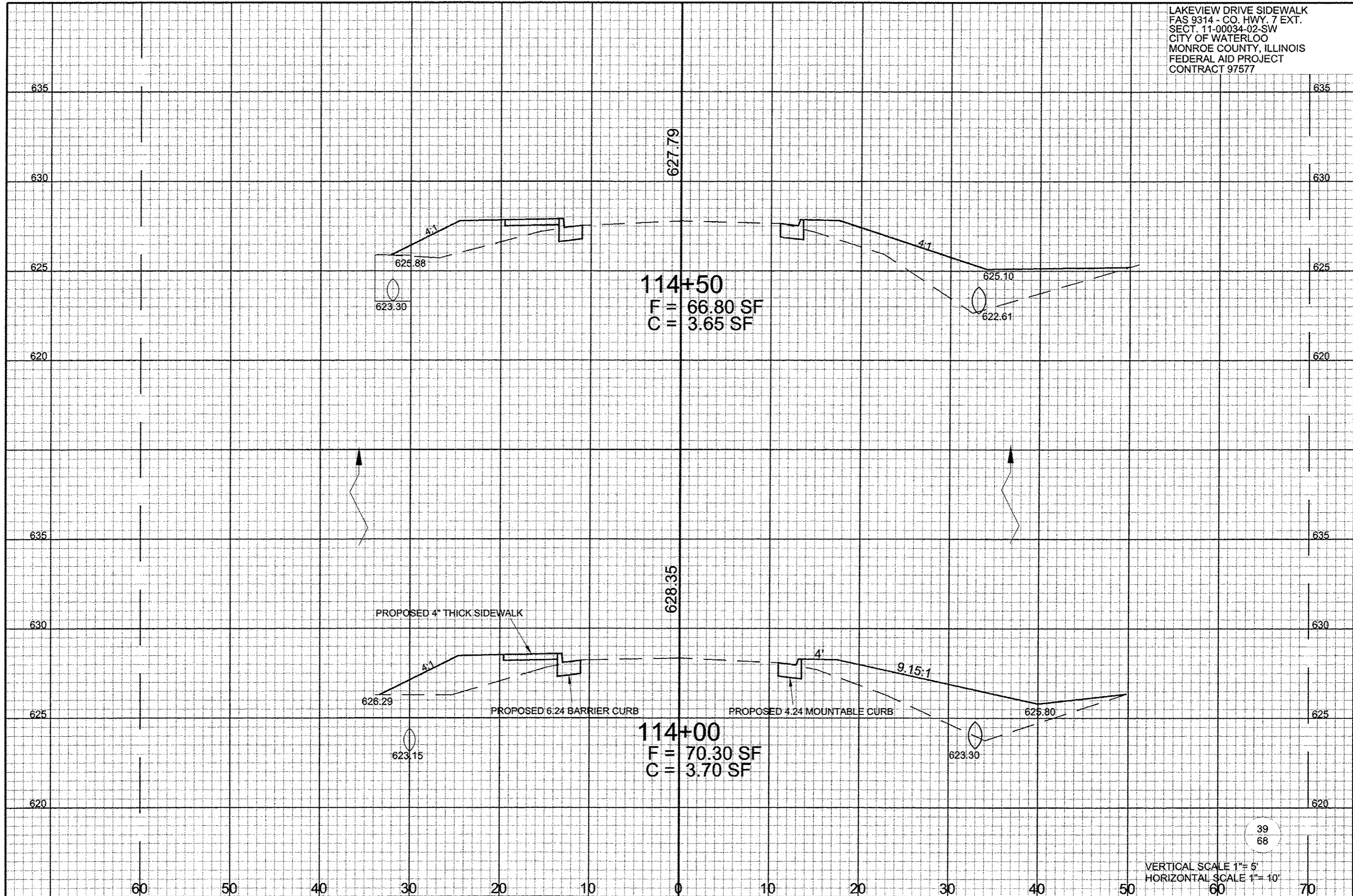
**113+50**  
 F = 71.25 SF  
 C = 3.85 SF

**113+00**  
 F = 85.90 SF  
 C = 3.80 SF

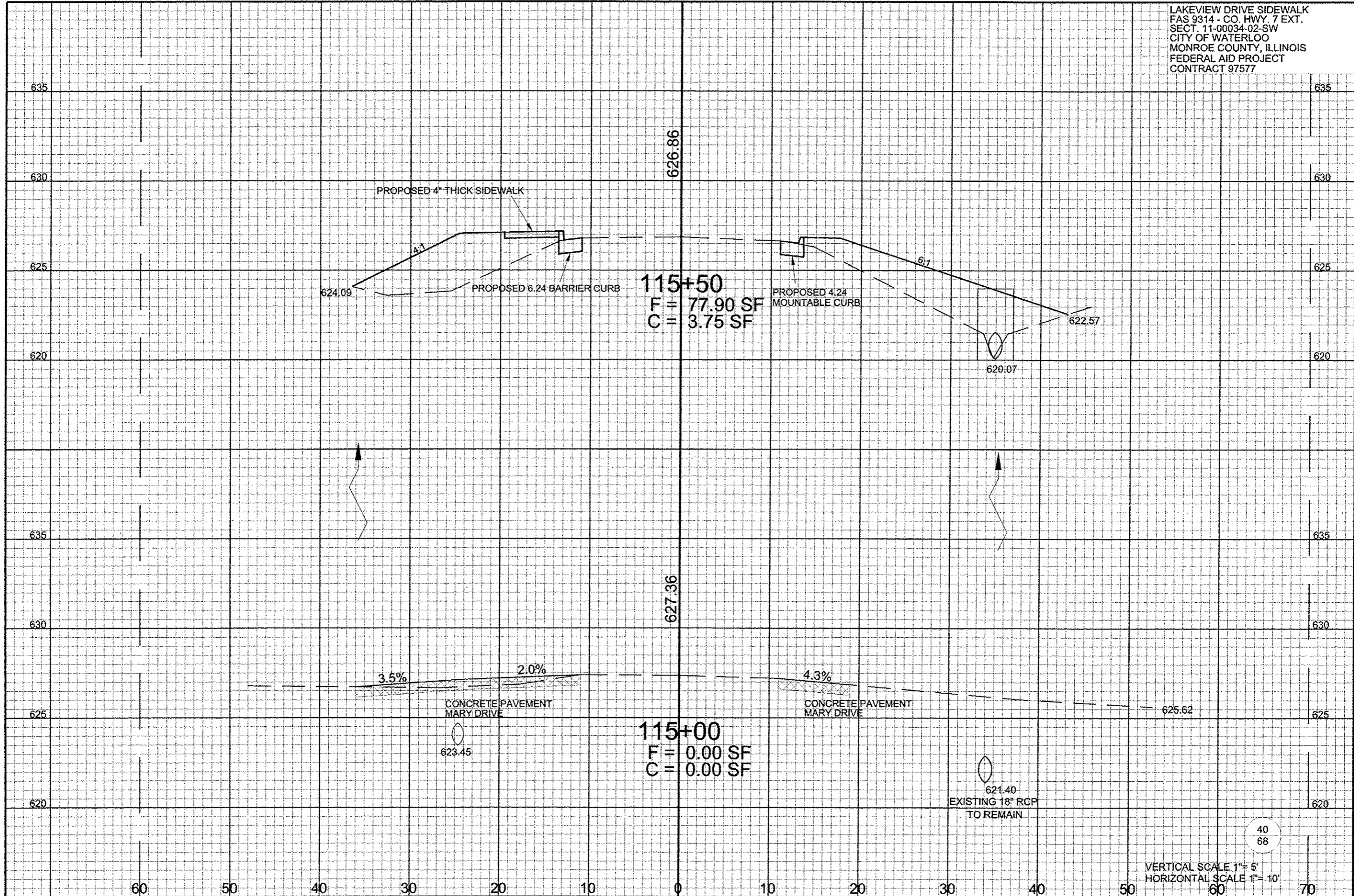
PROPOSED 4" THICK SIDEWALK

PROPOSED 6.24 BARRIER CURB

PROPOSED 4.24 MOUNTABLE CURB



LAKEVIEW DRIVE SIDEWALK  
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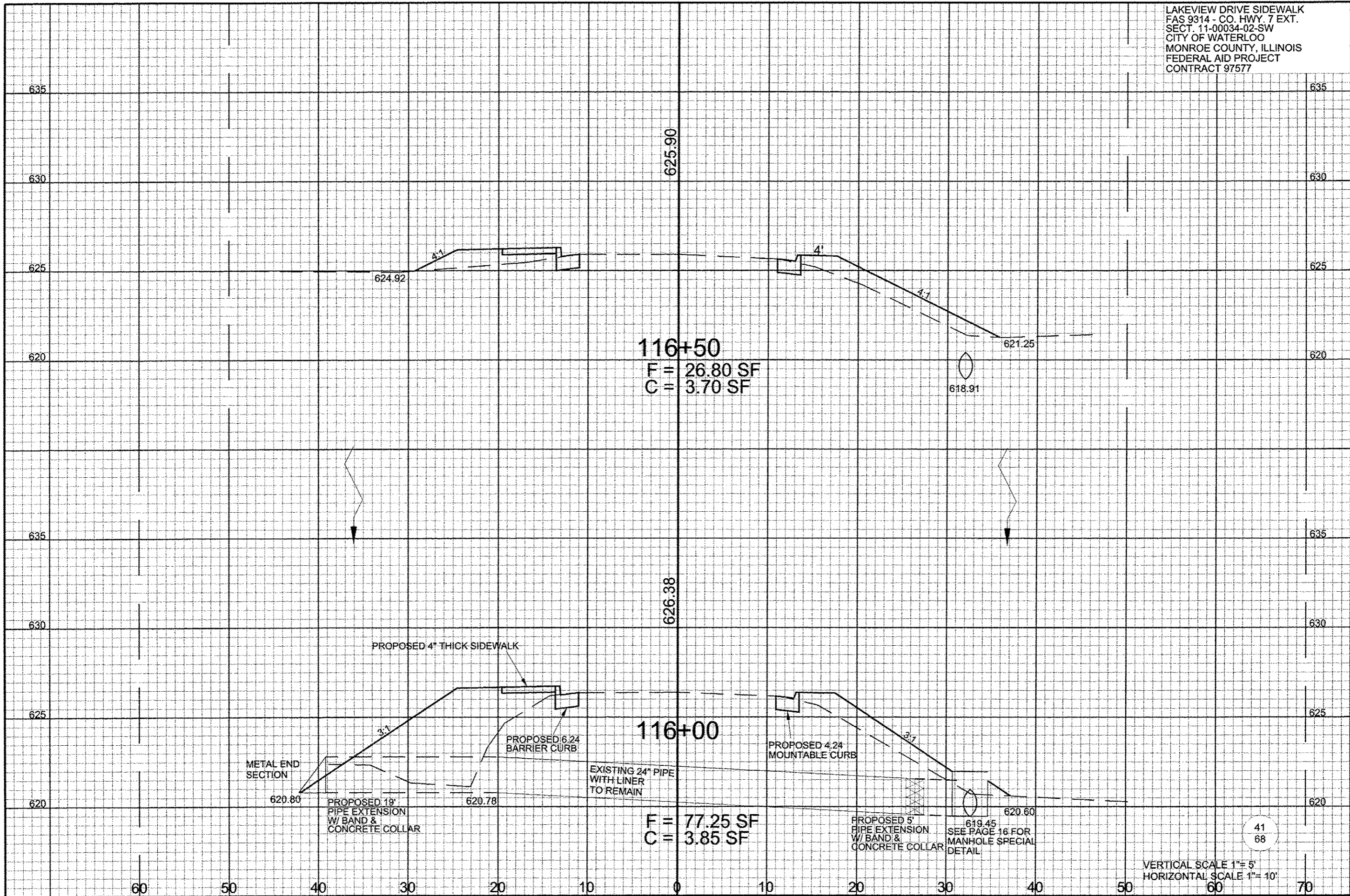
115+50  
 F = 77.90 SF  
 C = 3.75 SF

115+00  
 F = 0.00 SF  
 C = 0.00 SF

40  
 68

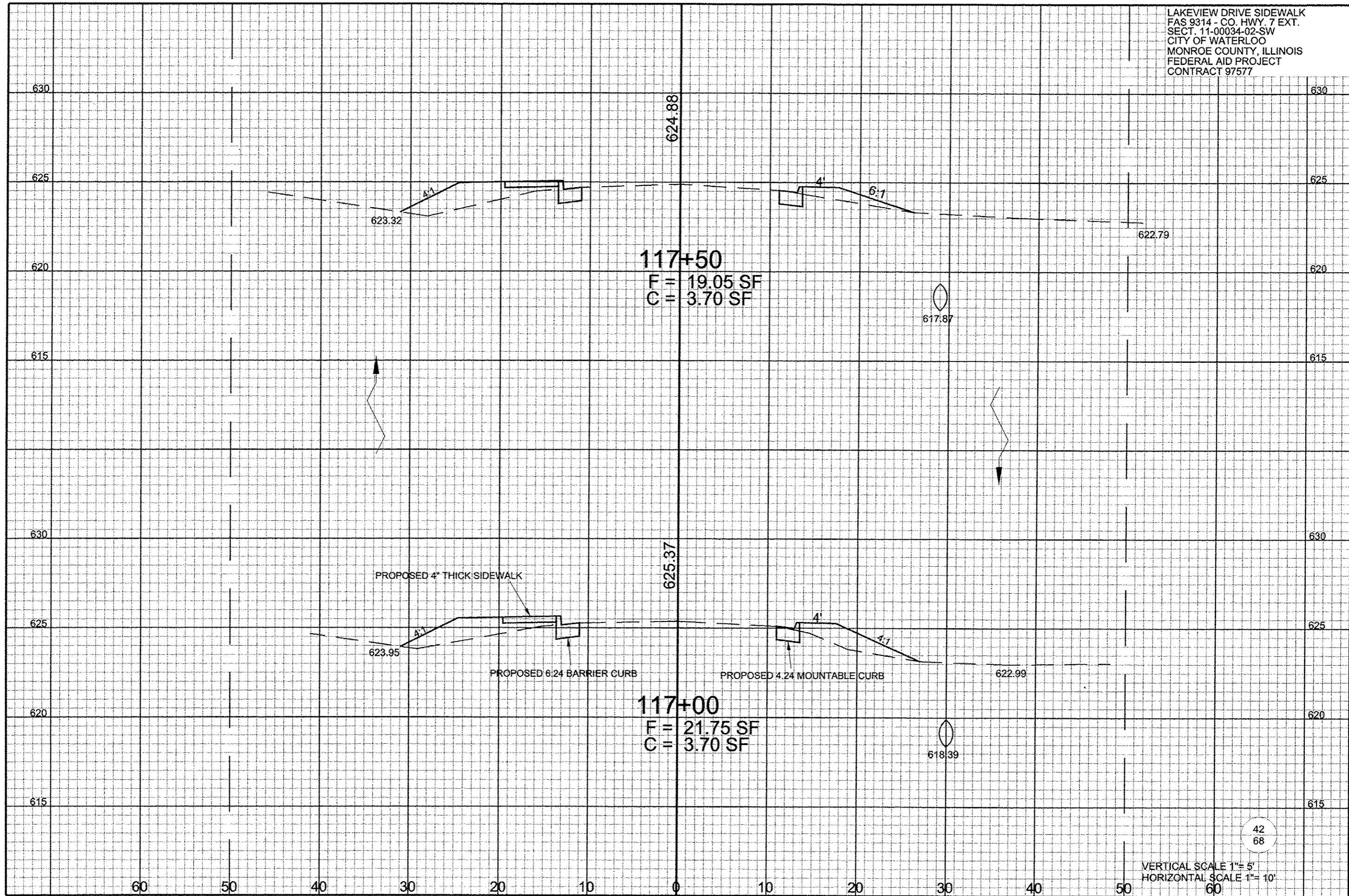
VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'





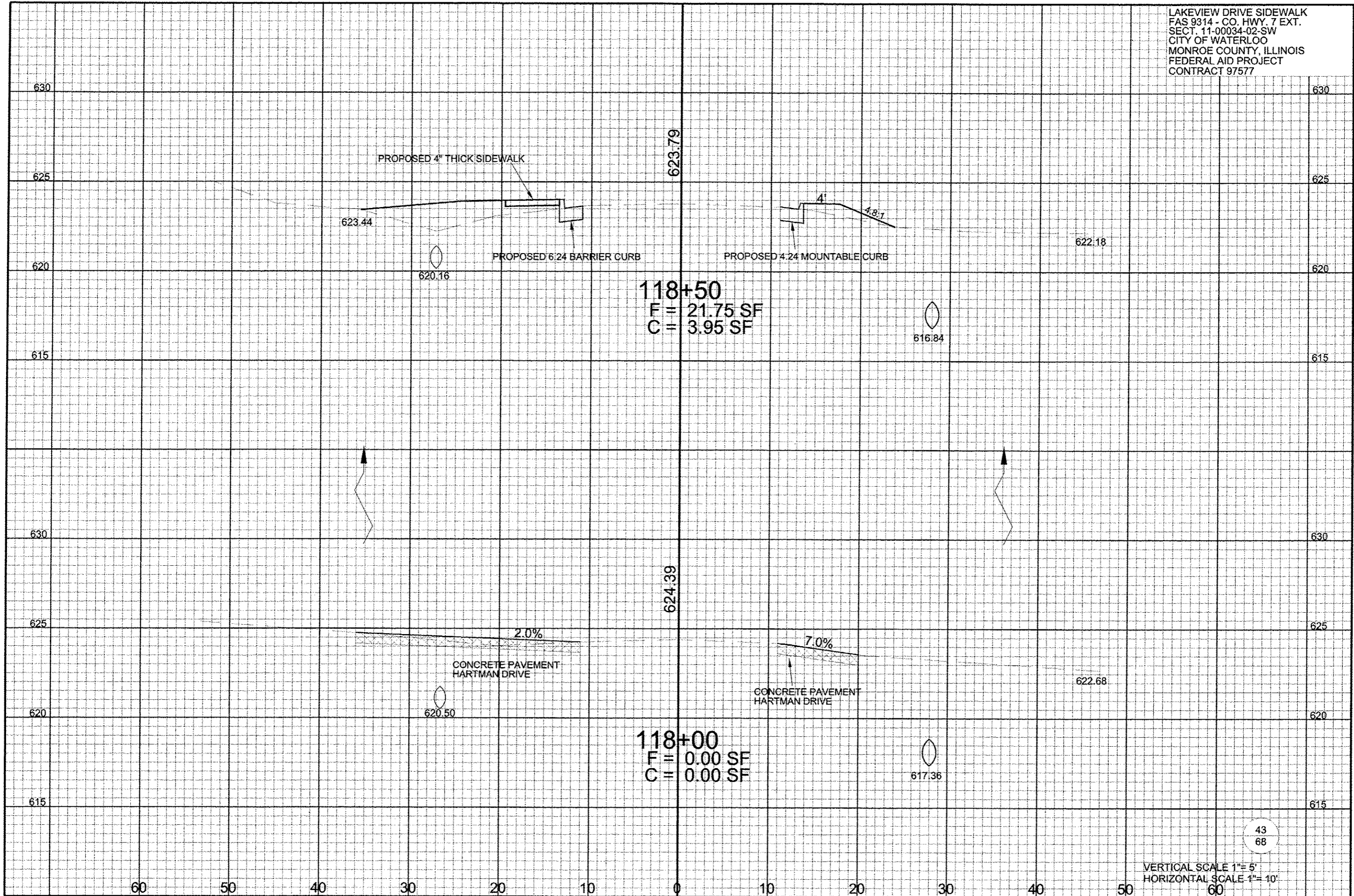
VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

LAKEVIEW DRIVE SIDEWALK  
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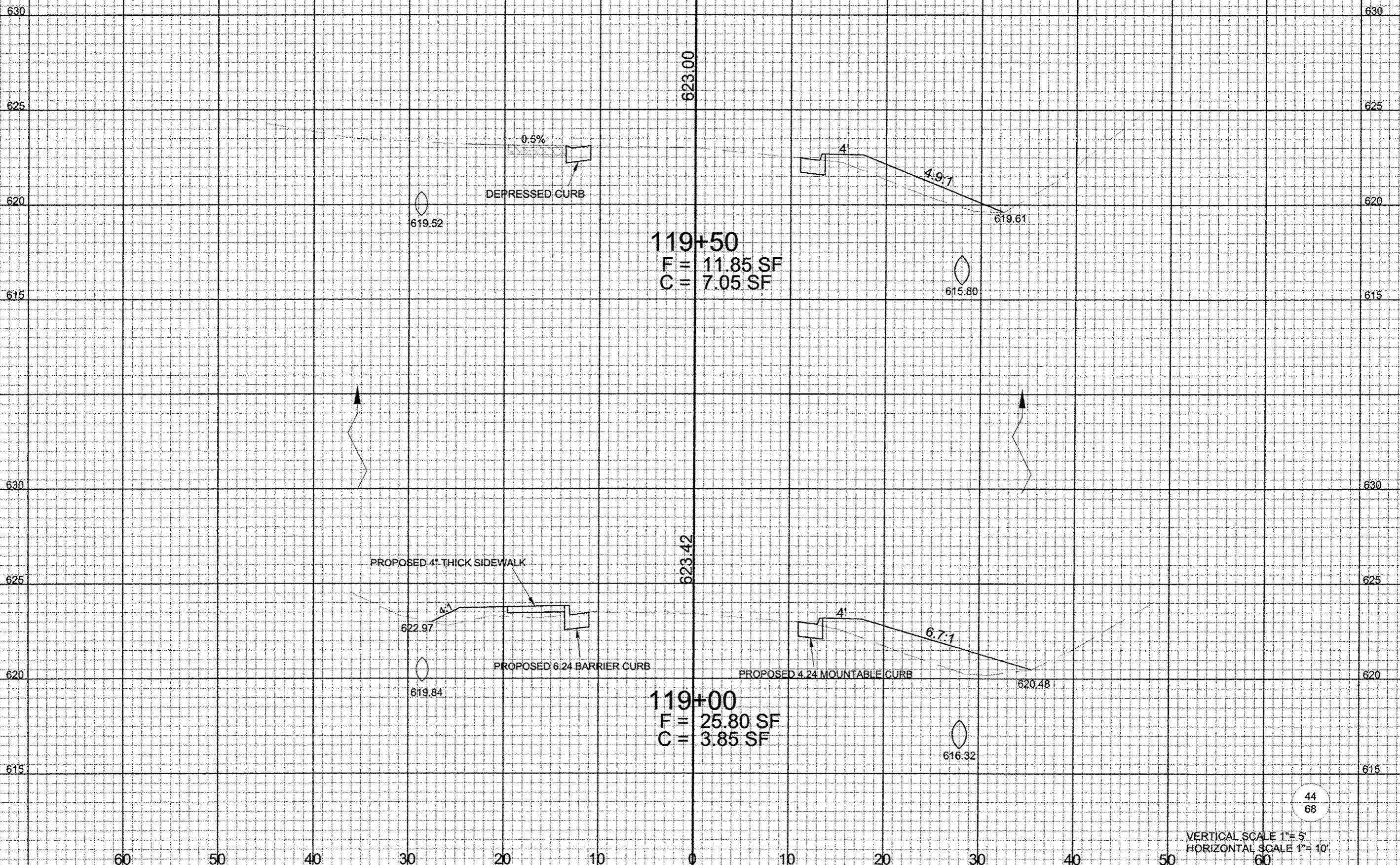
42  
68

LAKEVIEW DRIVE SIDEWALK  
 FAS 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
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118+50  
 F = 21.75 SF  
 C = 3.95 SF

118+00  
 F = 0.00 SF  
 C = 0.00 SF



**119+50**  
 F = 11.85 SF  
 C = 7.05 SF

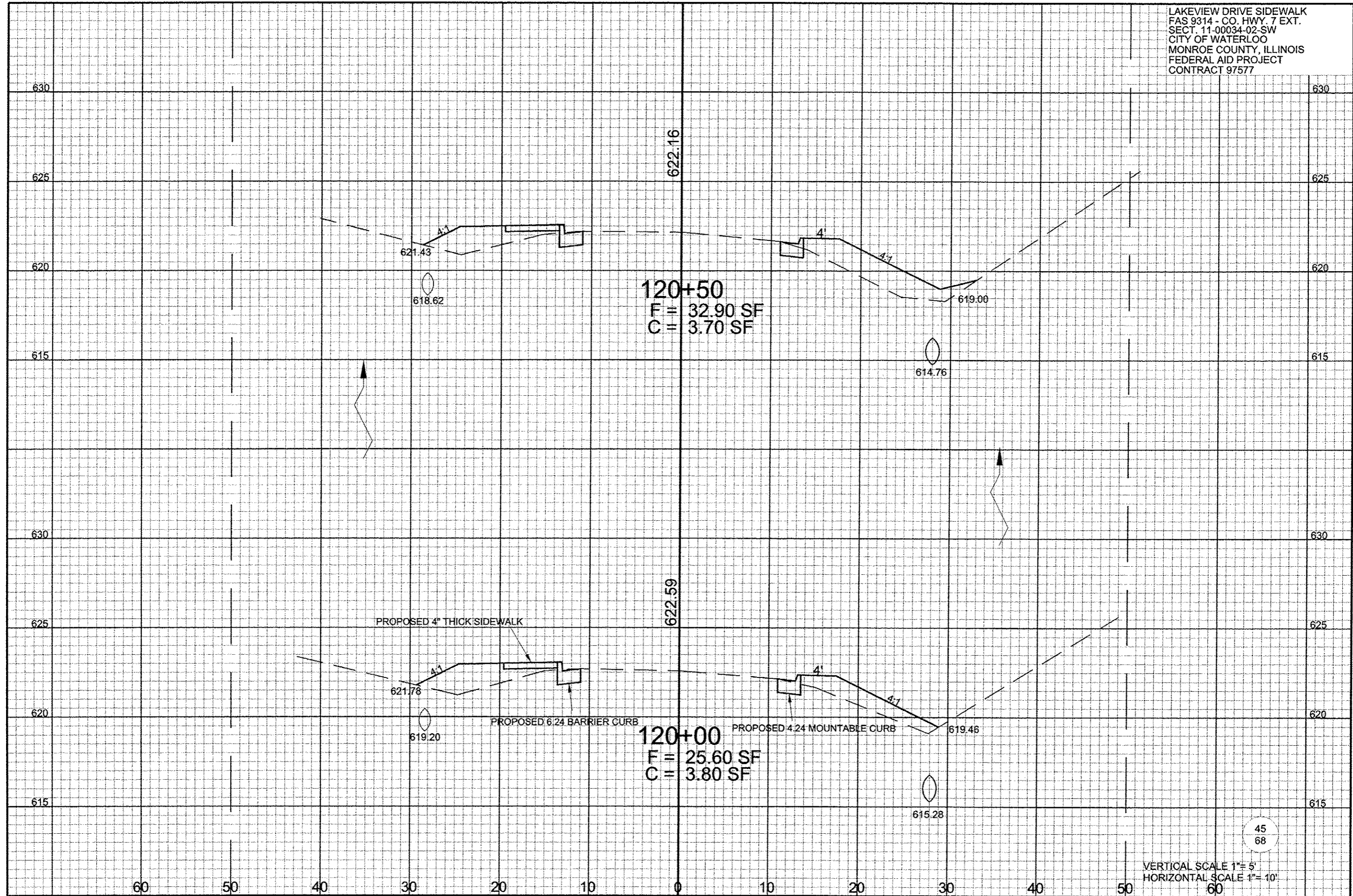
**119+00**  
 F = 25.80 SF  
 C = 3.85 SF

44  
68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

60 50 40 30 20 10 0 10 20 30 40 50 60

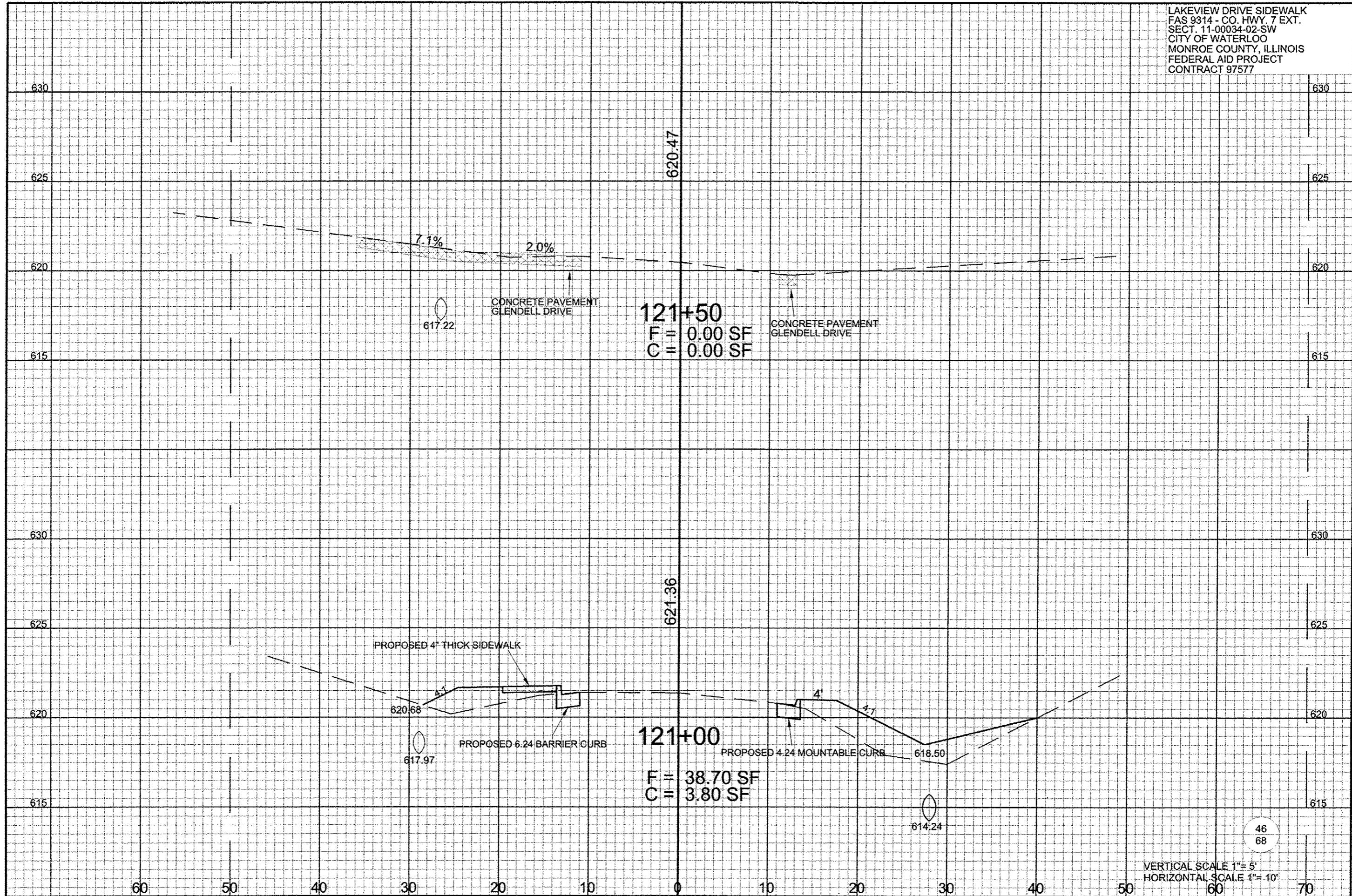
LAKEVIEW DRIVE SIDEWALK  
 FAS 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
 FEDERAL AID PROJECT  
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45  
68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

LAKEVIEW DRIVE SIDEWALK  
 FAS 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
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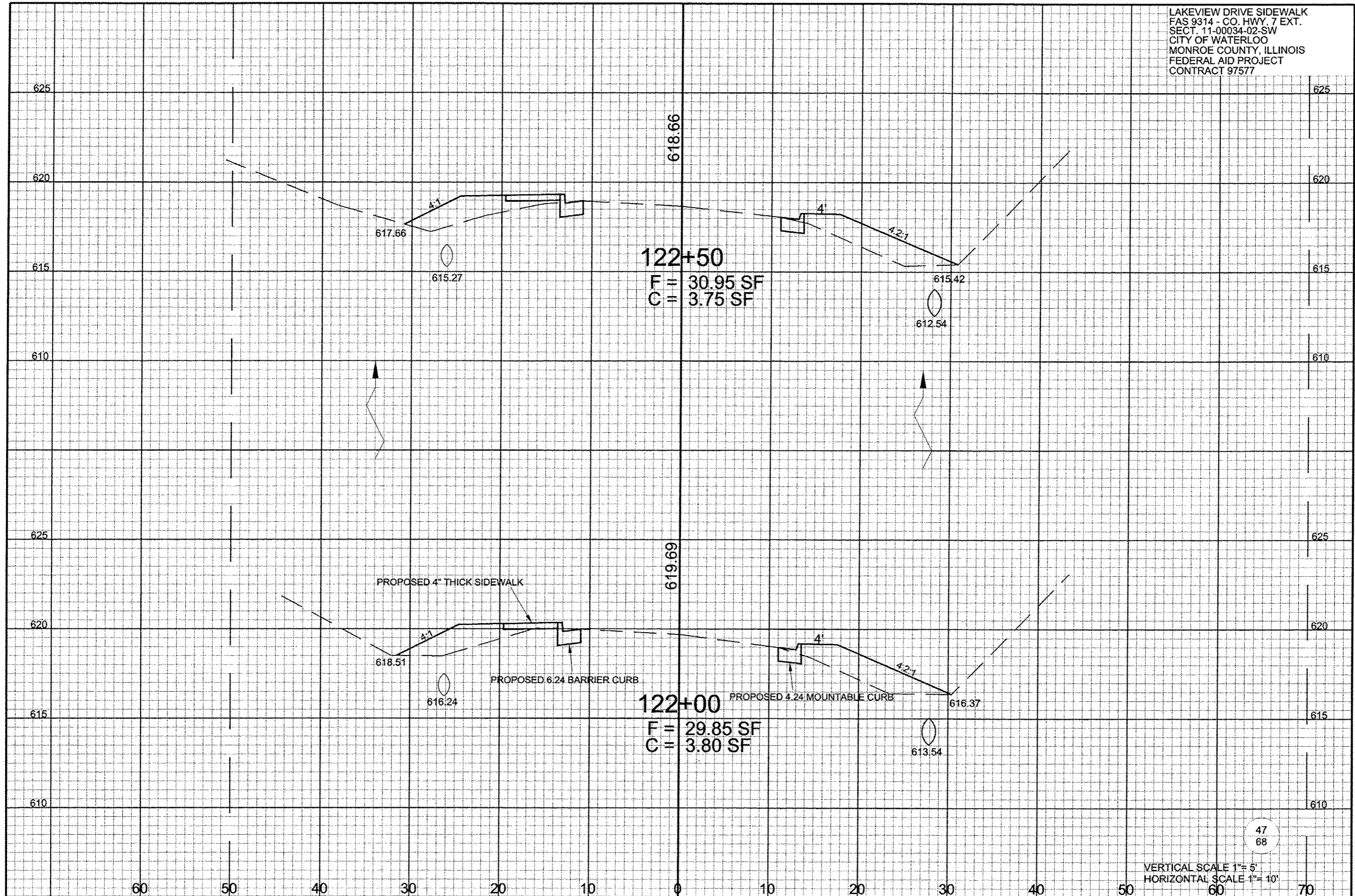
121+50  
 F = 0.00 SF  
 C = 0.00 SF

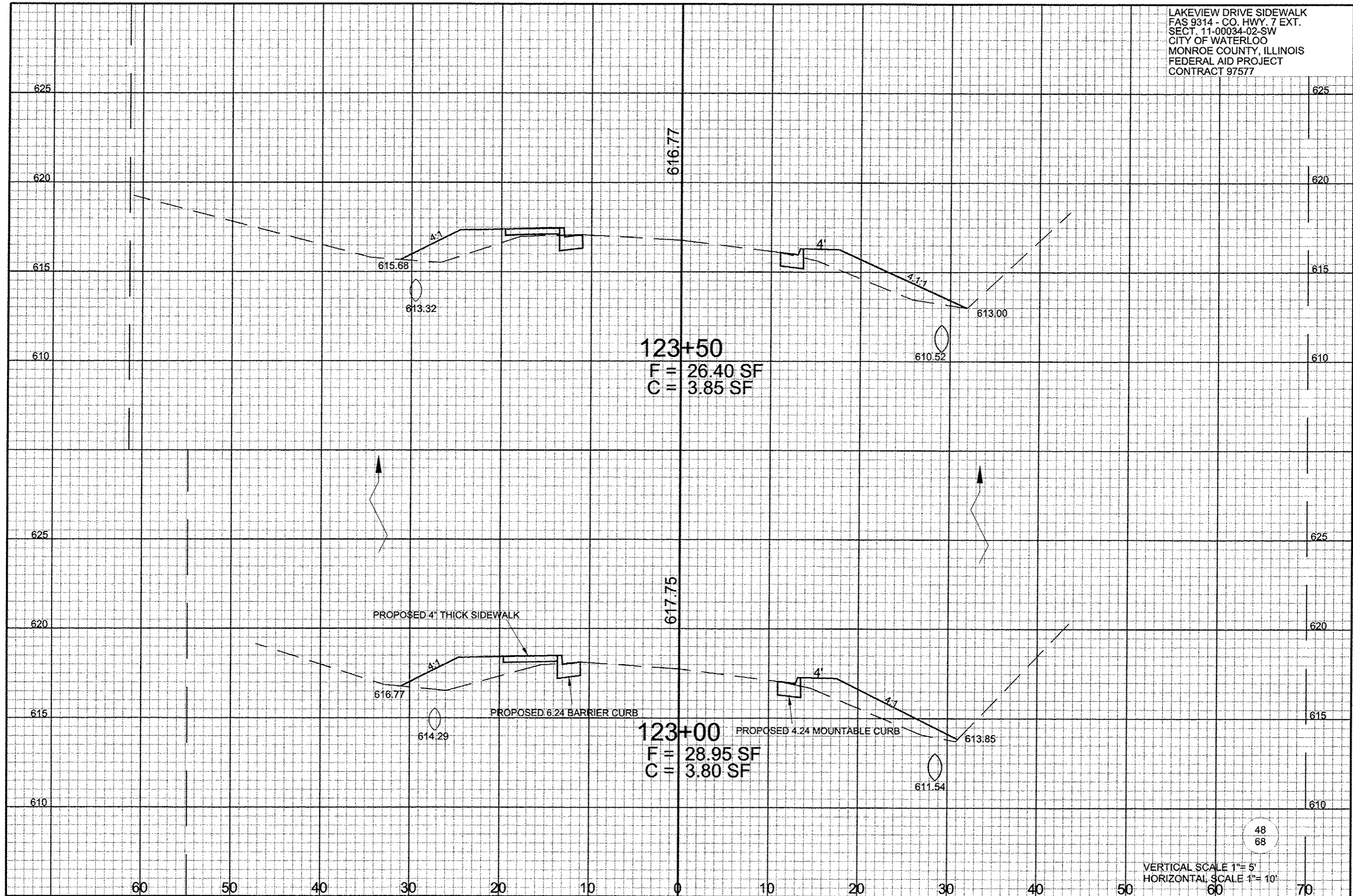
121+00  
 F = 38.70 SF  
 C = 3.80 SF

46  
 68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

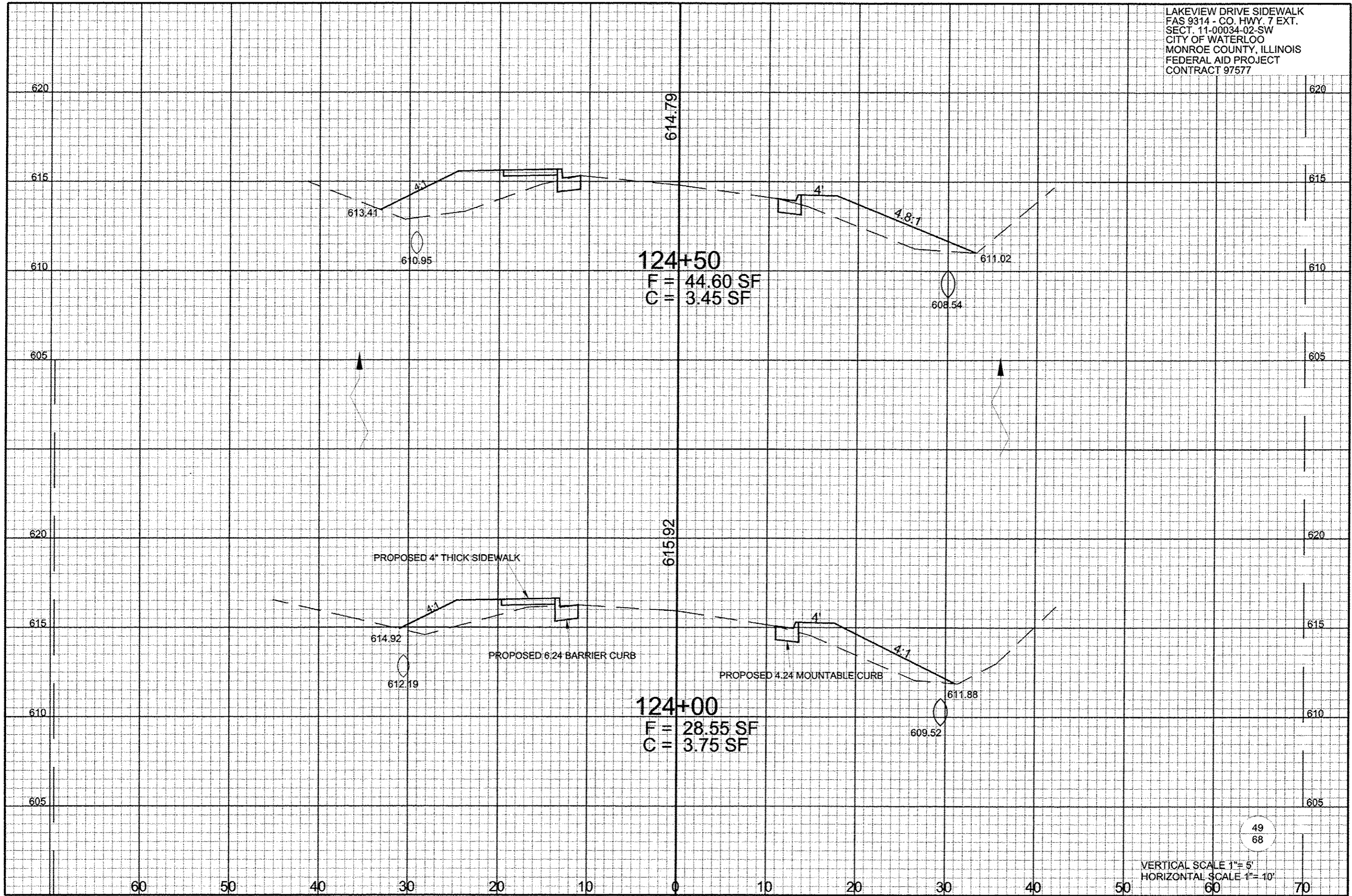
LAKEVIEW DRIVE SIDEWALK  
FAS 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS  
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LAKEVIEW DRIVE SIDEWALK  
 FAS 9314 - CO. HWY. 7 EXT.  
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 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
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 CONTRACT 97577



**124+50**  
 F = 44.60 SF  
 C = 3.45 SF

**124+00**  
 F = 28.55 SF  
 C = 3.75 SF

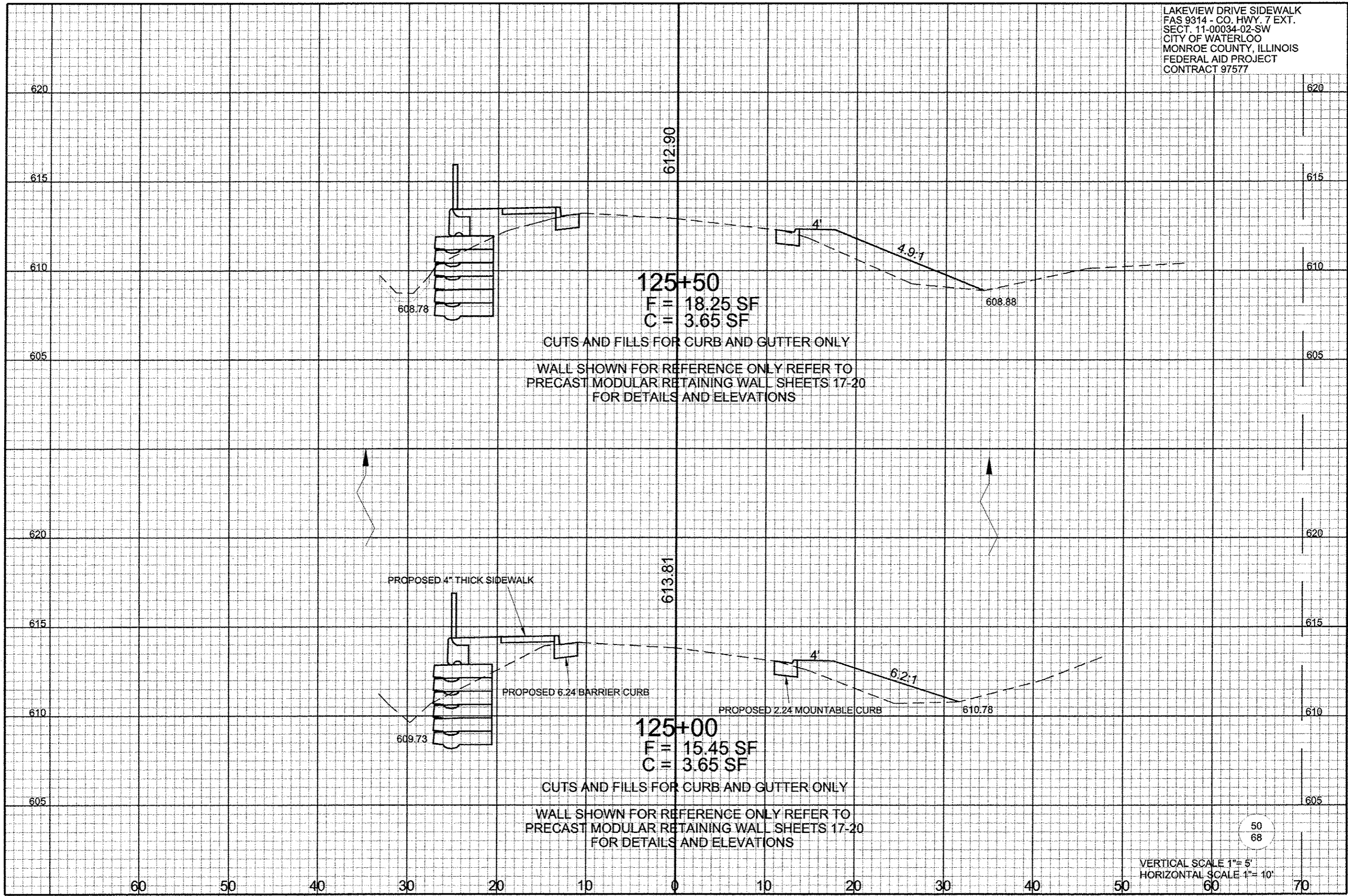
PROPOSED 4" THICK SIDEWALK

PROPOSED 6.24 BARRIER CURB

PROPOSED 4.24 MOUNTABLE CURB

49  
68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 40'



**125+50**  
 F = 18.25 SF  
 C = 3.65 SF

CUTS AND FILLS FOR CURB AND GUTTER ONLY  
 WALL SHOWN FOR REFERENCE ONLY REFER TO  
 PRECAST MODULAR RETAINING WALL SHEETS 17-20  
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**125+00**  
 F = 15.45 SF  
 C = 3.65 SF

CUTS AND FILLS FOR CURB AND GUTTER ONLY  
 WALL SHOWN FOR REFERENCE ONLY REFER TO  
 PRECAST MODULAR RETAINING WALL SHEETS 17-20  
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PROPOSED 4" THICK SIDEWALK

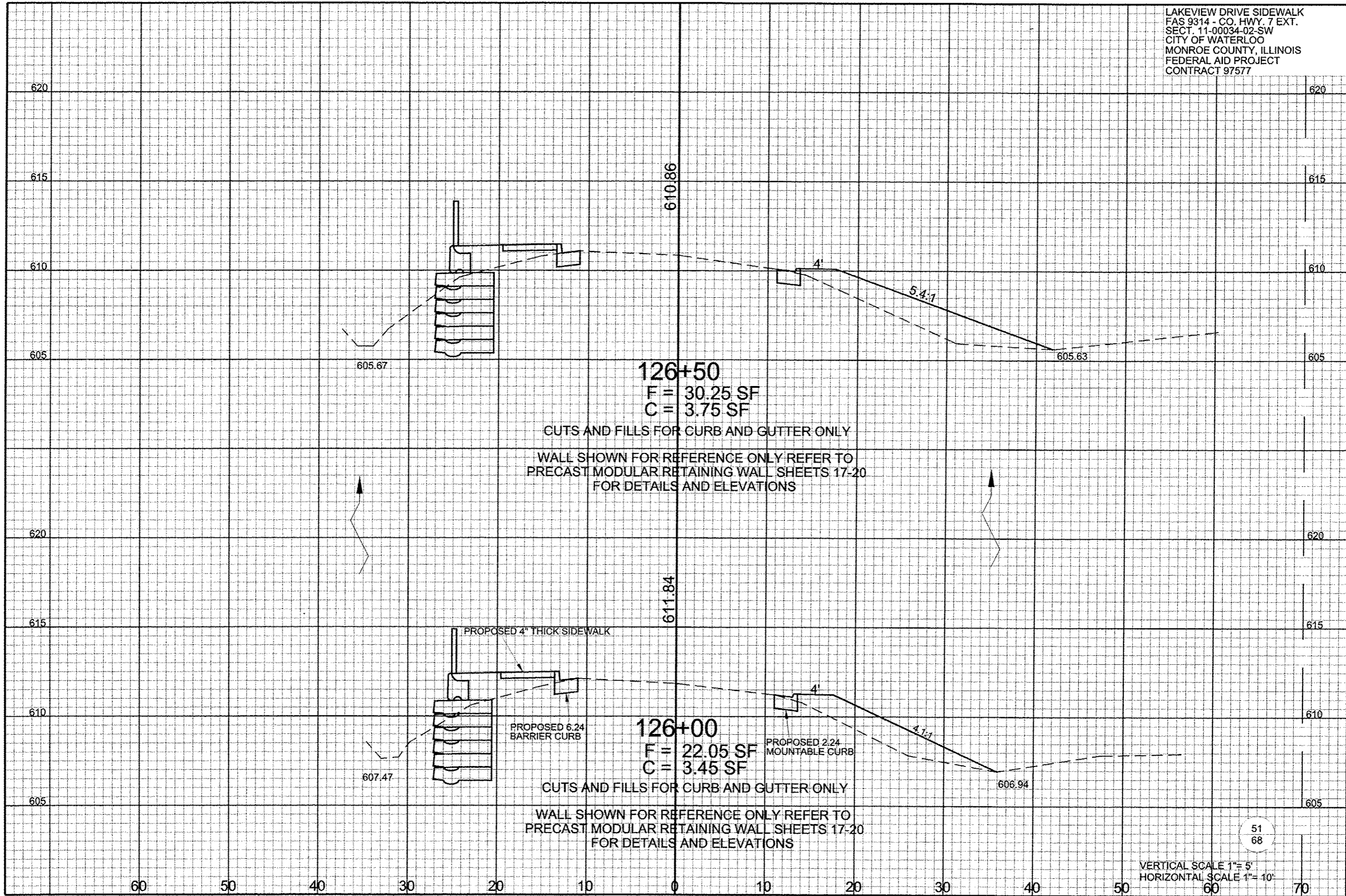
PROPOSED 6.24" BARRIER CURB

PROPOSED 2.24" MOUNTABLE CURB

50  
68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

60 50 40 30 20 10 0 10 20 30 40 50 60 70



**126+50**  
 F = 30.25 SF  
 C = 3.75 SF

CUTS AND FILLS FOR CURB AND GUTTER ONLY

WALL SHOWN FOR REFERENCE ONLY REFER TO  
 PRECAST MODULAR RETAINING WALL SHEETS 17-20  
 FOR DETAILS AND ELEVATIONS

**126+00**  
 F = 22.05 SF  
 C = 3.45 SF

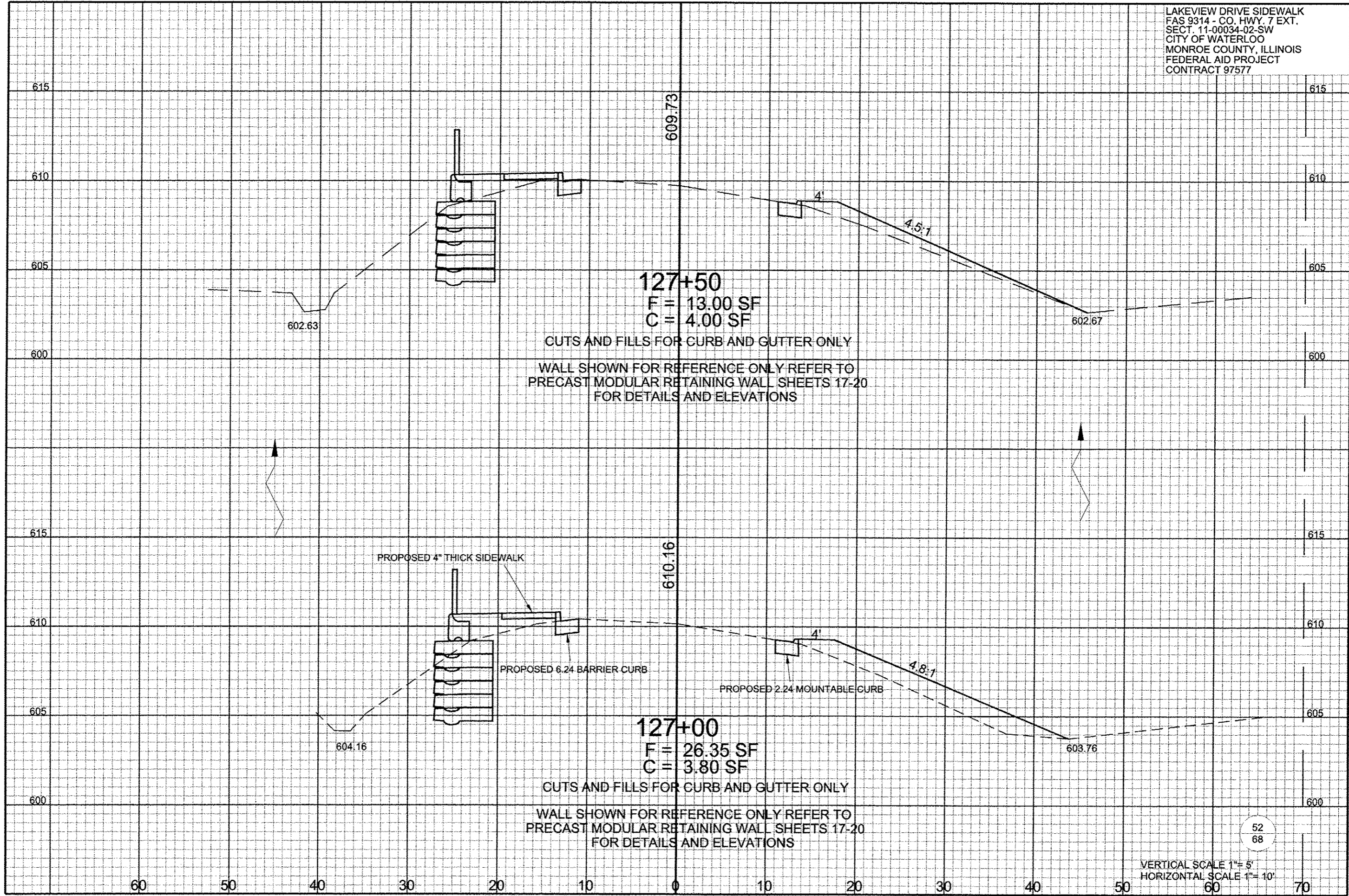
CUTS AND FILLS FOR CURB AND GUTTER ONLY

WALL SHOWN FOR REFERENCE ONLY REFER TO  
 PRECAST MODULAR RETAINING WALL SHEETS 17-20  
 FOR DETAILS AND ELEVATIONS

PROPOSED 4" THICK SIDEWALK

PROPOSED 6.24  
 BARRIER CURB

PROPOSED 2.24  
 MOUNTABLE CURB



**127+50**  
 F = 13.00 SF  
 C = 4.00 SF

CUTS AND FILLS FOR CURB AND GUTTER ONLY  
 WALL SHOWN FOR REFERENCE ONLY REFER TO  
 PRECAST MODULAR RETAINING WALL SHEETS 17-20  
 FOR DETAILS AND ELEVATIONS

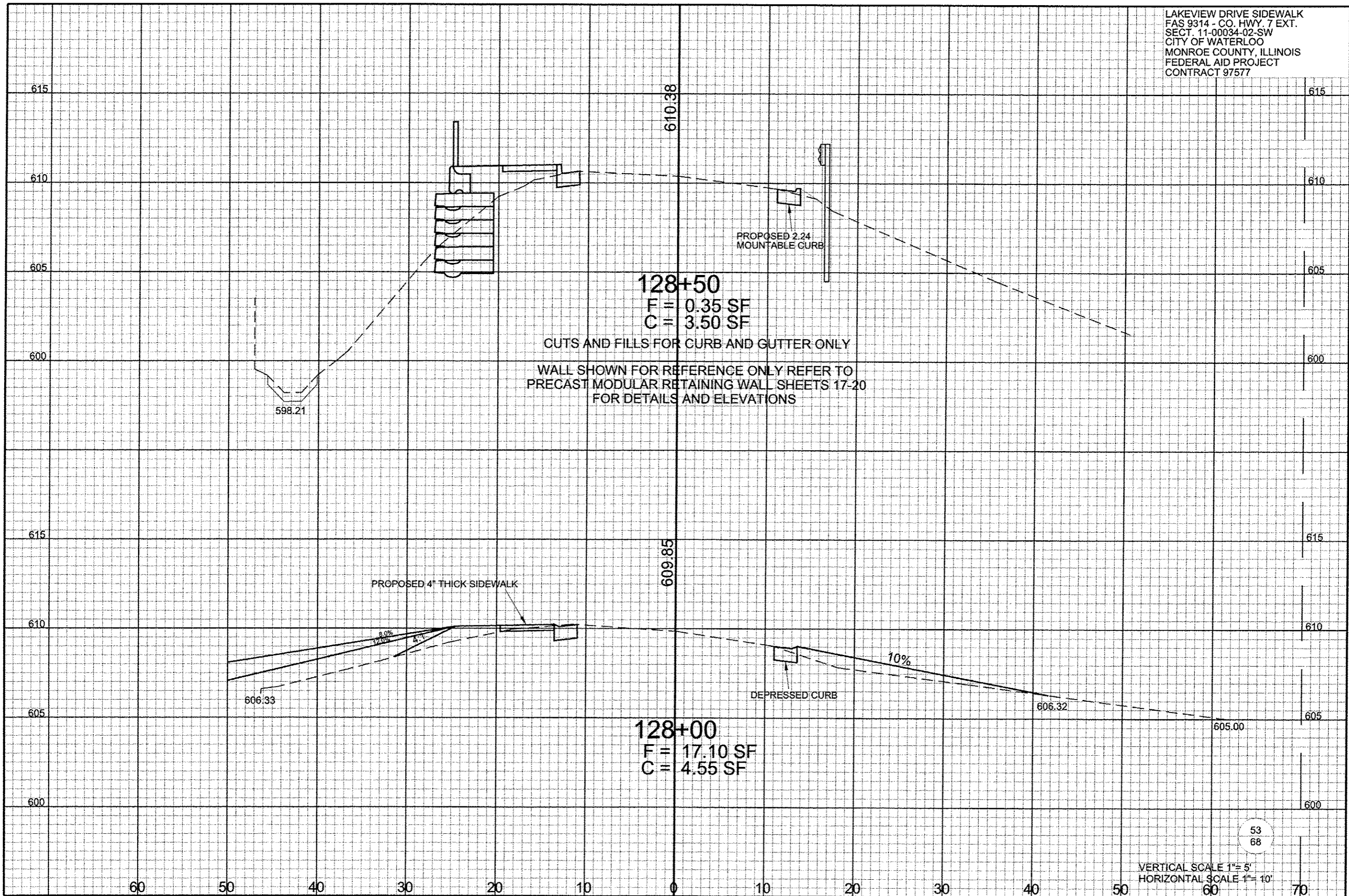
PROPOSED 4" THICK SIDEWALK

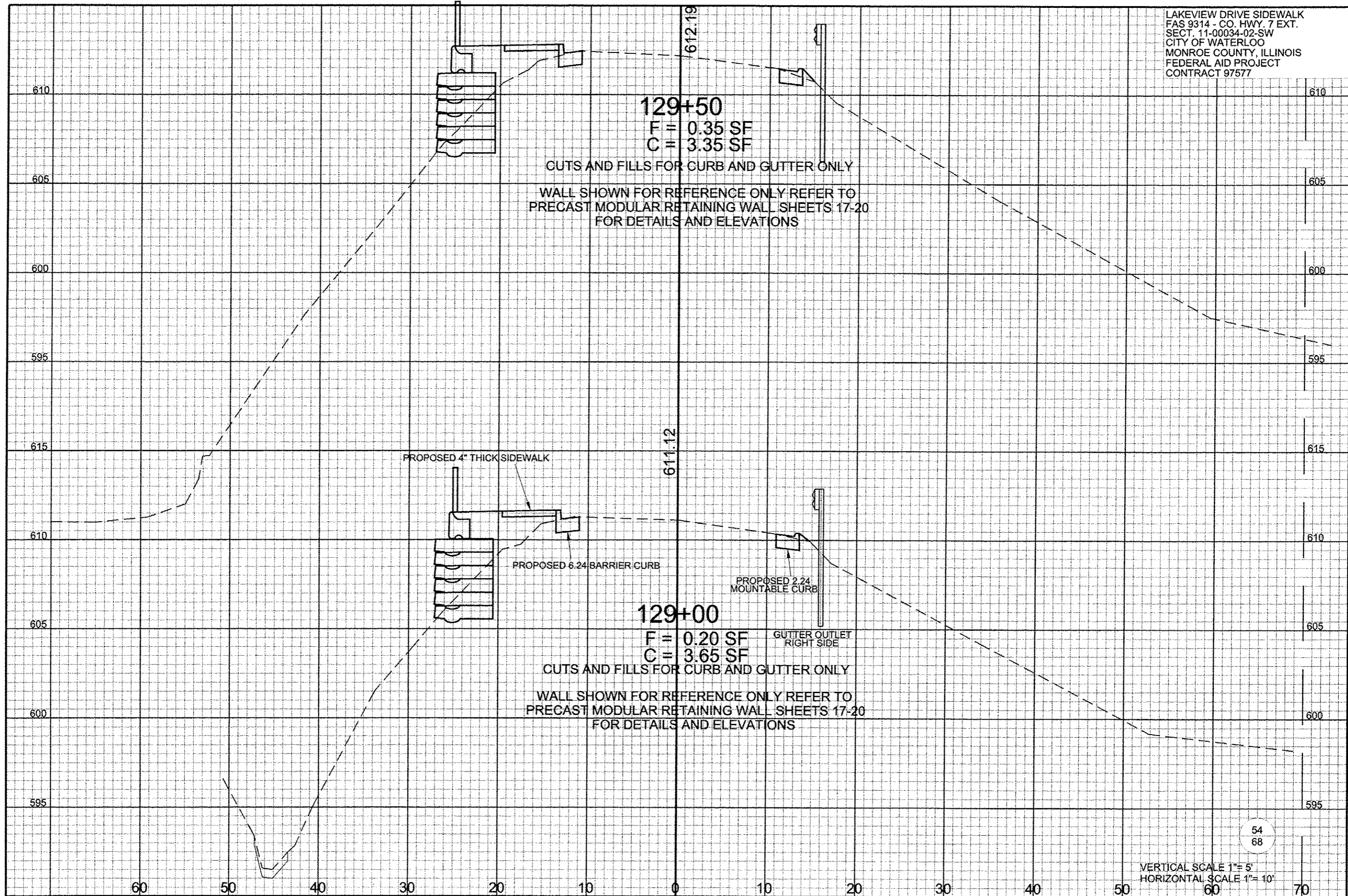
PROPOSED 6.24 BARRIER CURB

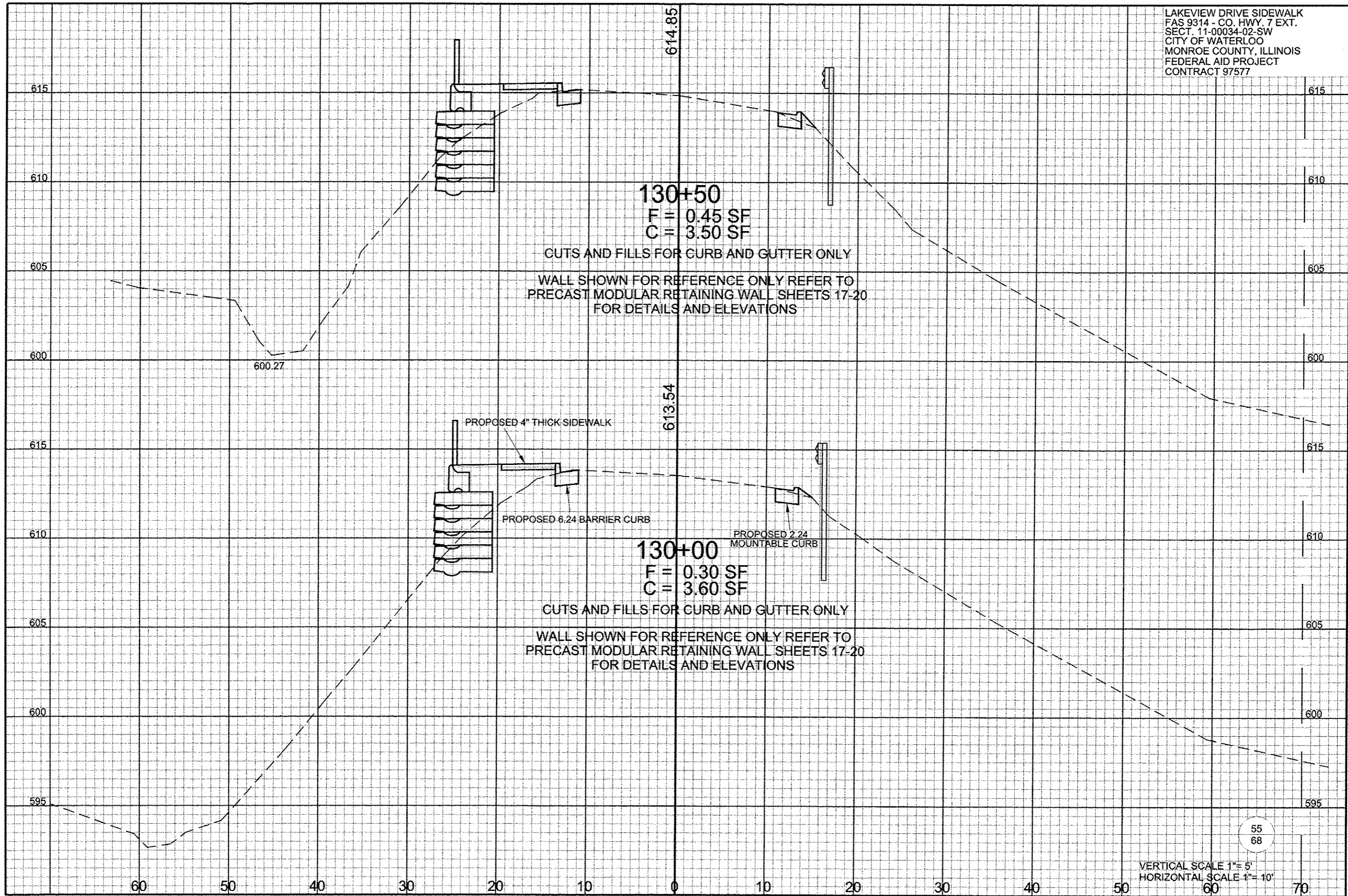
PROPOSED 2.24 MOUNTABLE CURB

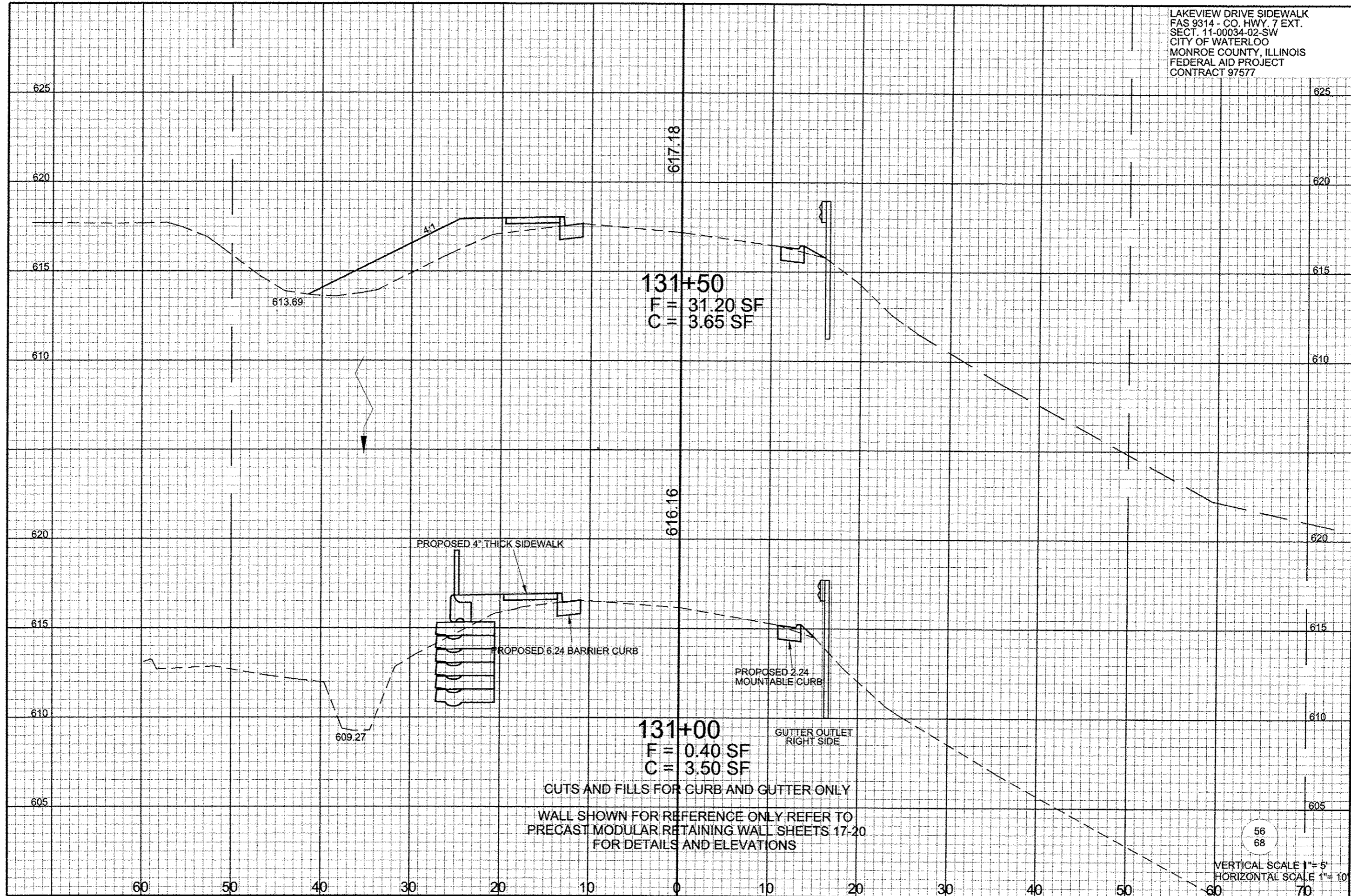
**127+00**  
 F = 26.35 SF  
 C = 3.80 SF

CUTS AND FILLS FOR CURB AND GUTTER ONLY  
 WALL SHOWN FOR REFERENCE ONLY REFER TO  
 PRECAST MODULAR RETAINING WALL SHEETS 17-20  
 FOR DETAILS AND ELEVATIONS



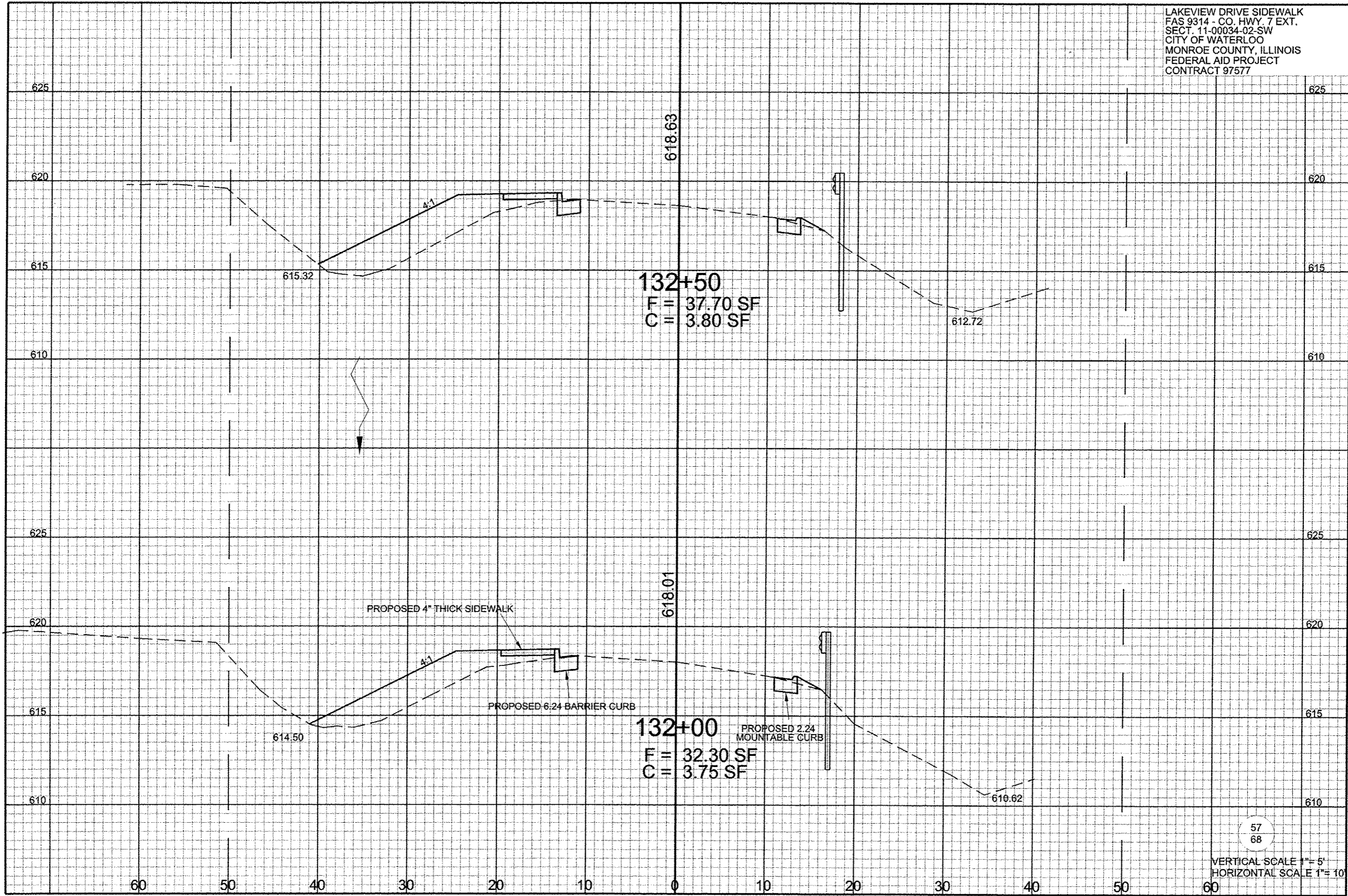








LAKEVIEW DRIVE SIDEWALK  
 FAS 9314 - CO. HWY. 7 EXT.  
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 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
 FEDERAL AID PROJECT  
 CONTRACT 97577



**132+50**  
 F = 37.70 SF  
 C = 3.80 SF

**132+00**  
 F = 32.30 SF  
 C = 3.75 SF

PROPOSED 4" THICK SIDEWALK

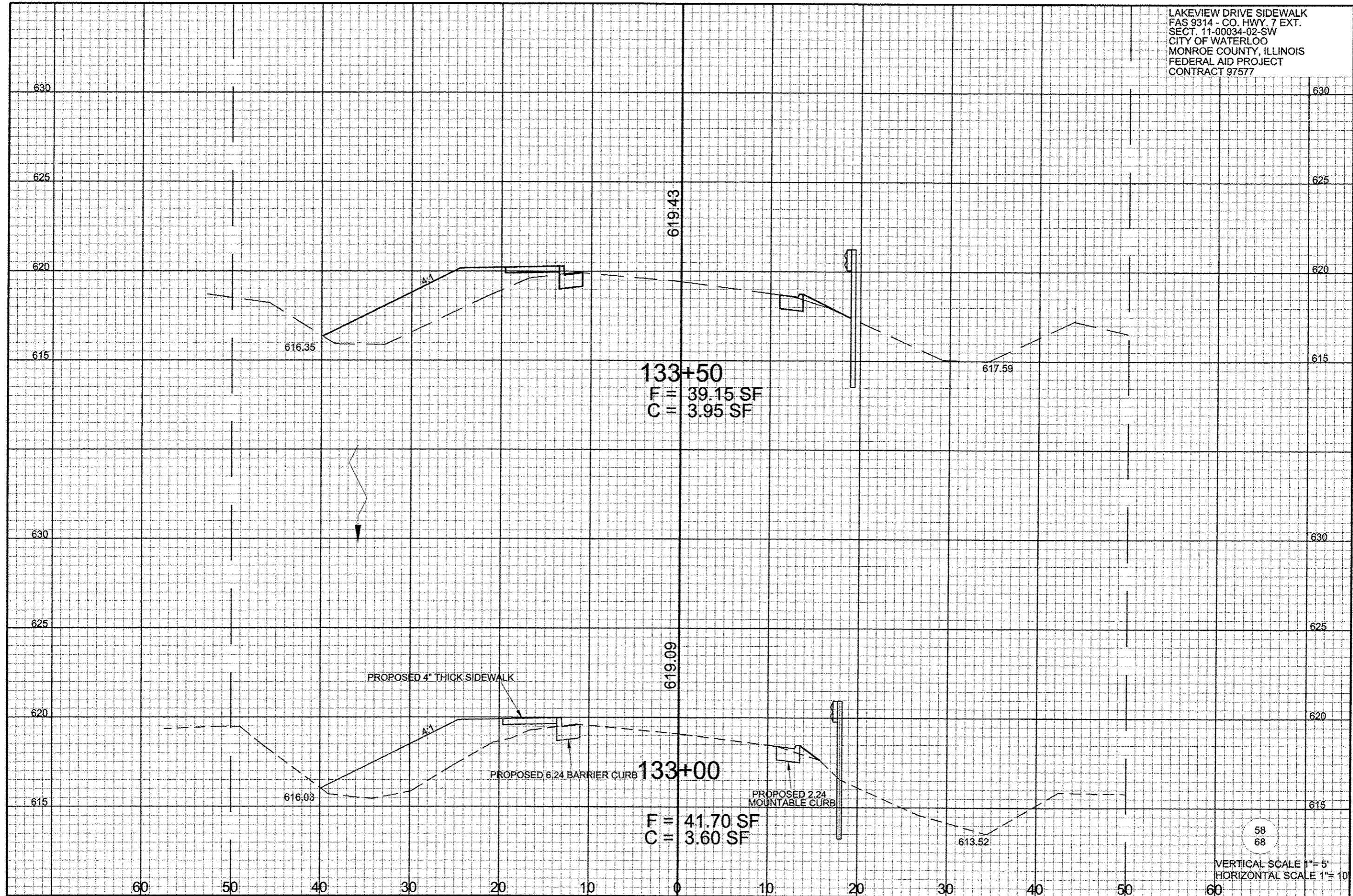
PROPOSED 6:24 BARRIER CURB

PROPOSED 2:24 MOUNTABLE CURB

57  
68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

LAKEVIEW DRIVE SIDEWALK  
 FAS 9314 - CO. HWY. 7 EXT.  
 SECT. 11-00034-02-SW  
 CITY OF WATERLOO  
 MONROE COUNTY, ILLINOIS  
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133+50  
 F = 39.15 SF  
 C = 3.95 SF

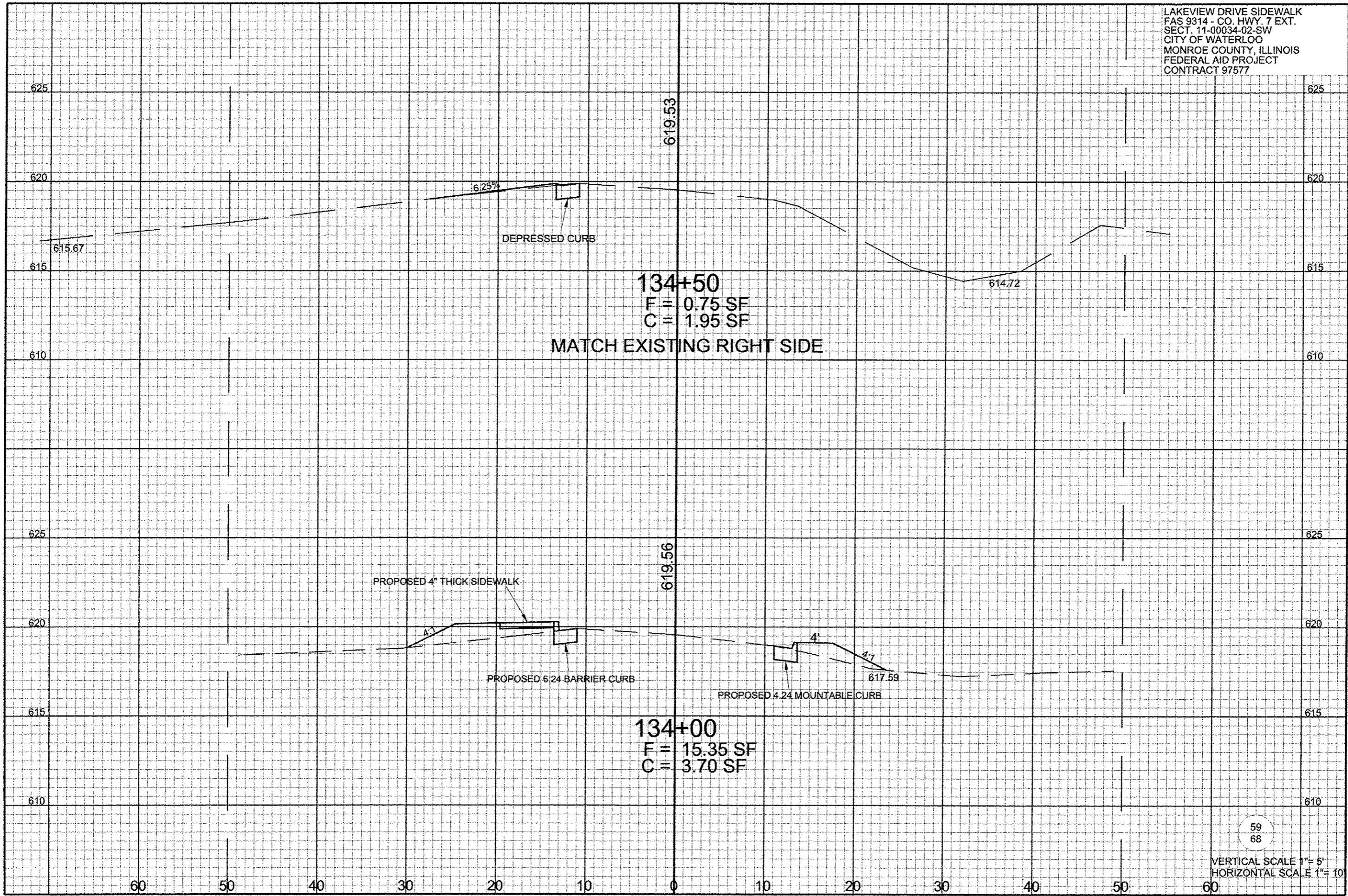
133+00  
 F = 41.70 SF  
 C = 3.60 SF

PROPOSED 4" THICK SIDEWALK

PROPOSED 6.24 BARRIER CURB

PROPOSED 2.24 MOUNTABLE CURB

58  
 68  
 VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'



134+50  
 F = 0.75 SF  
 C = 1.95 SF

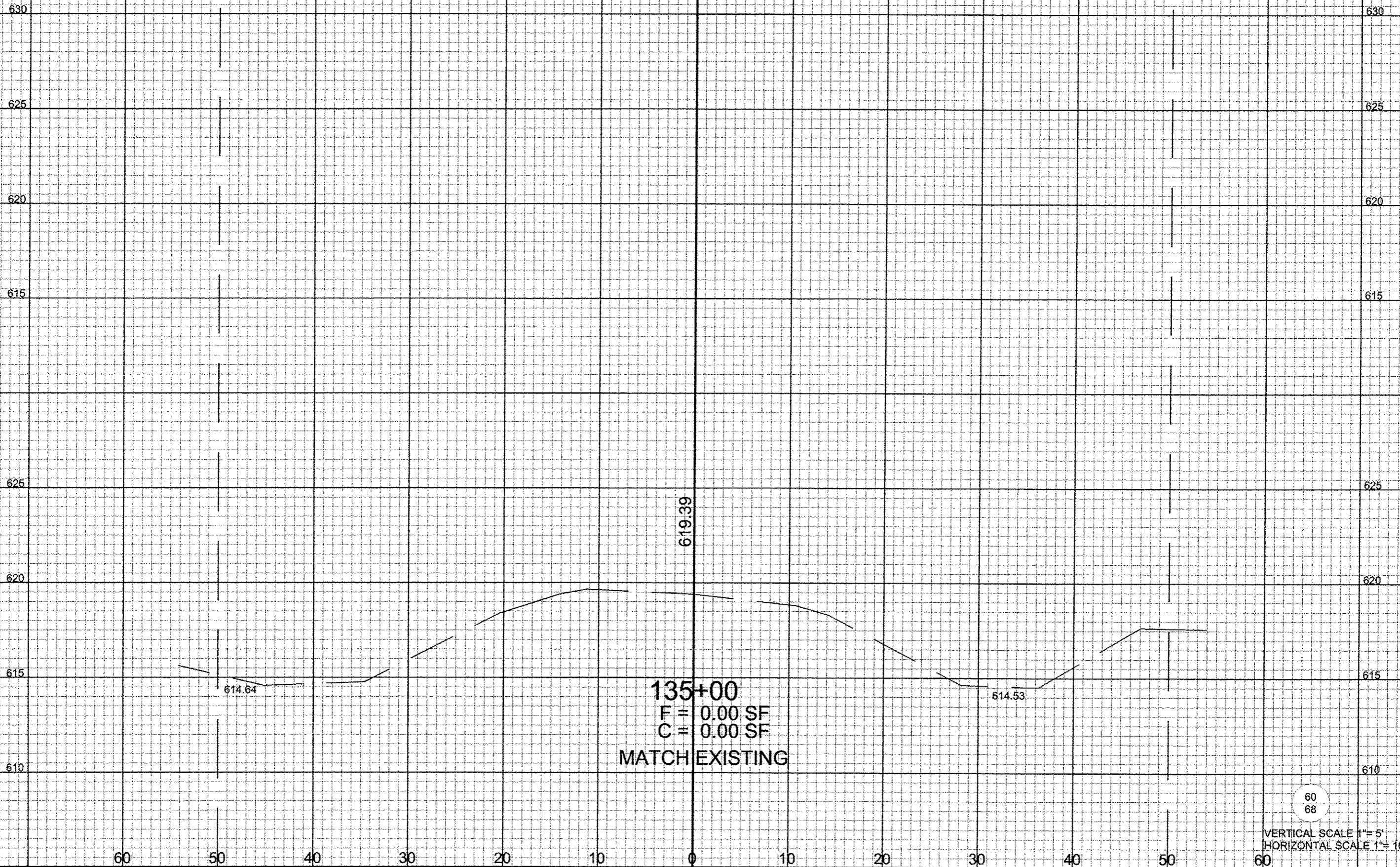
MATCH EXISTING RIGHT SIDE

134+00  
 F = 15.35 SF  
 C = 3.70 SF

59  
 68

VERTICAL SCALE 1" = 5'  
 HORIZONTAL SCALE 1" = 10'

LAKEVIEW DRIVE SIDEWALK  
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LAKEVIEW DRIVE SIDEWALK  
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631.14

635

635

630

630

-1.3%

100+70.00  
P.E. LEFT  
608 LAKEVIEW

625

625

632.26

635

635

PROP. 6" THICK SIDEWALK

+0.4%

100+20.10  
P.E. LEFT  
CREEKWOOD LANE

630

630

625

625

637.12

640

640

2%

10%

DEPRESSED CURB

97+74.5  
C.E. RIGHT  
NORTH CONDO

635

635

630

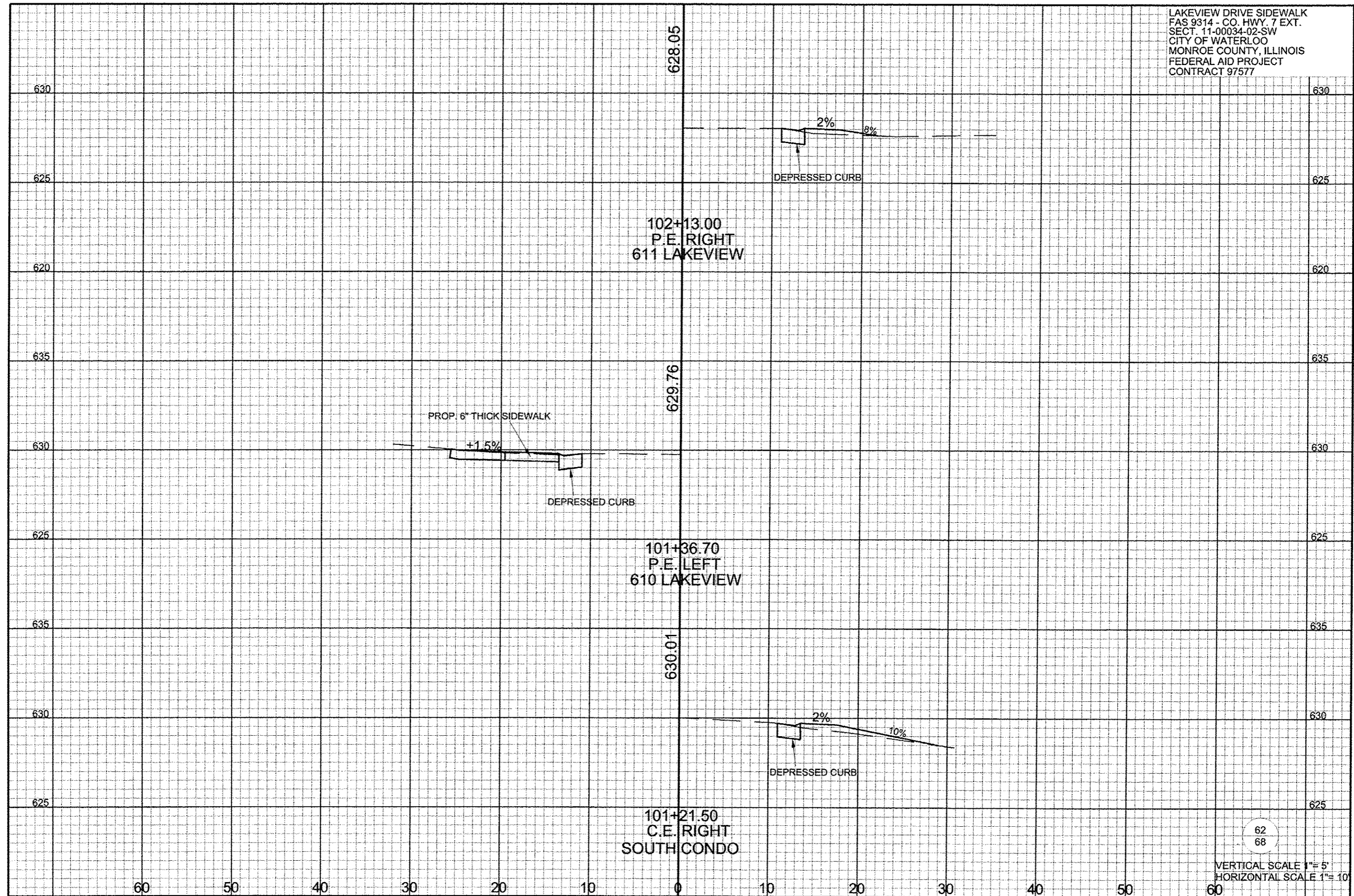
630

60 50 40 30 20 10 0 10 20 30 40 50 60

61  
68

VERTICAL SCALE 1" = 5'  
HORIZONTAL SCALE 1" = 10'

LAKEVIEW DRIVE SIDEWALK  
FAS 9314 - CO. HWY. 7 EXT.  
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102+13.00  
P.E. RIGHT  
611 LAKEVIEW

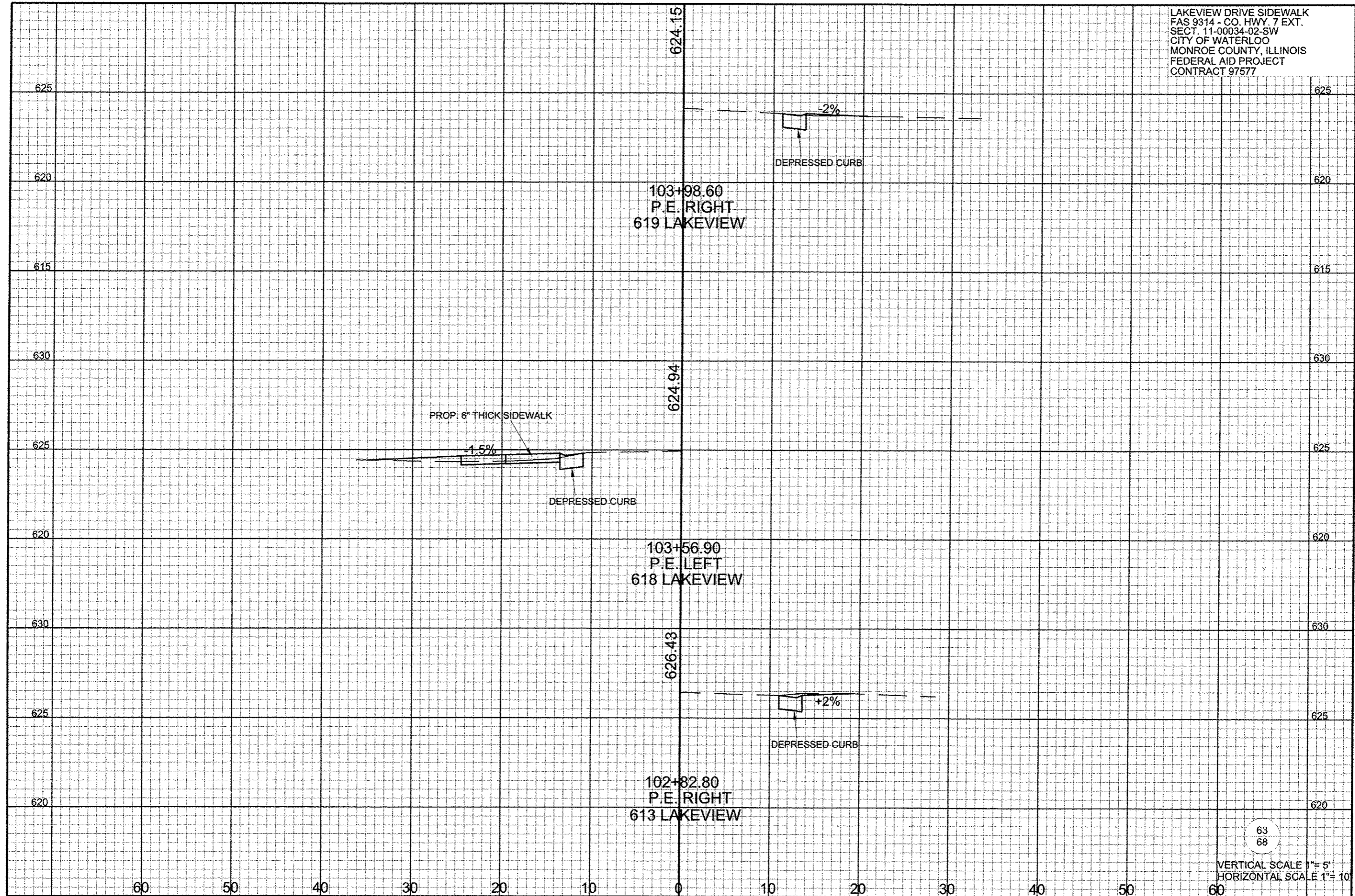
101+36.70  
P.E. LEFT  
610 LAKEVIEW

101+21.50  
C.E. RIGHT  
SOUTH CONDO

62  
68

VERTICAL SCALE 1" = 5'  
HORIZONTAL SCALE 1" = 10'

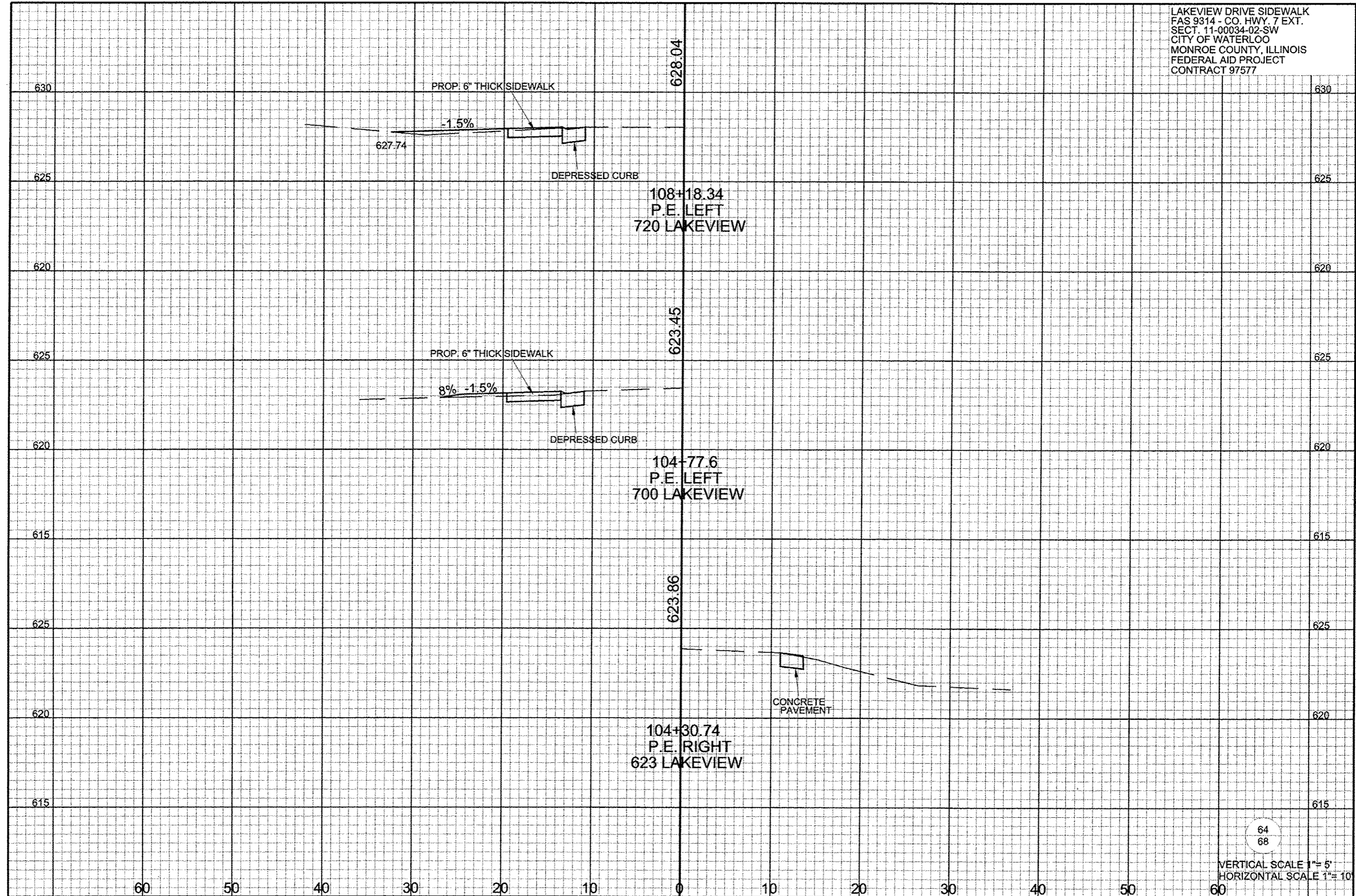
LAKEVIEW DRIVE SIDEWALK  
FAS 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS  
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63  
68

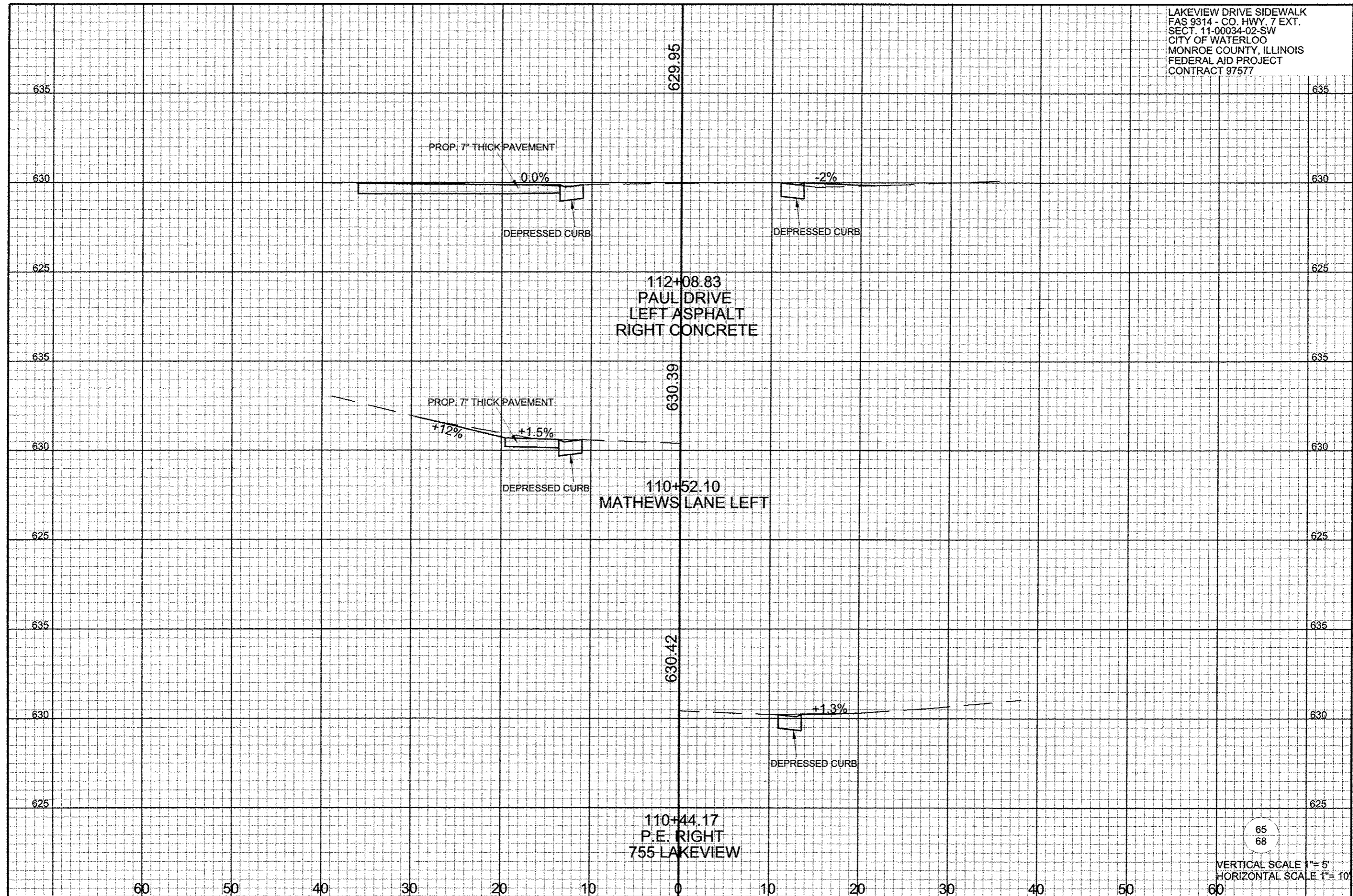
VERTICAL SCALE 1"= 5'  
HORIZONTAL SCALE 1"= 10'

LAKEVIEW DRIVE SIDEWALK  
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SECT. 11-00034-02-SW  
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MONROE COUNTY, ILLINOIS  
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CONTRACT 97577





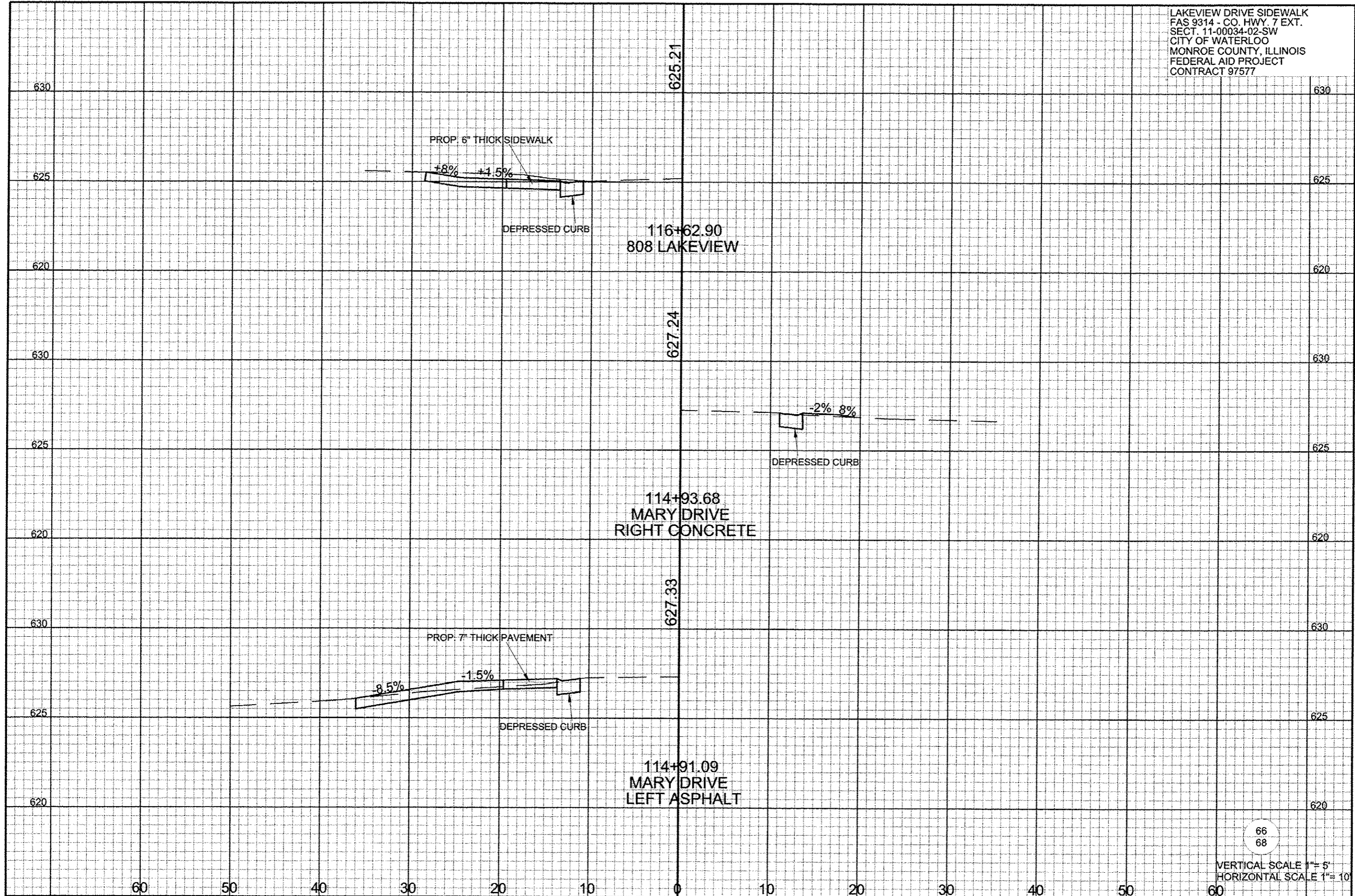
LAKEVIEW DRIVE SIDEWALK  
FAS 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS  
FEDERAL AID PROJECT  
CONTRACT 97577



65  
68

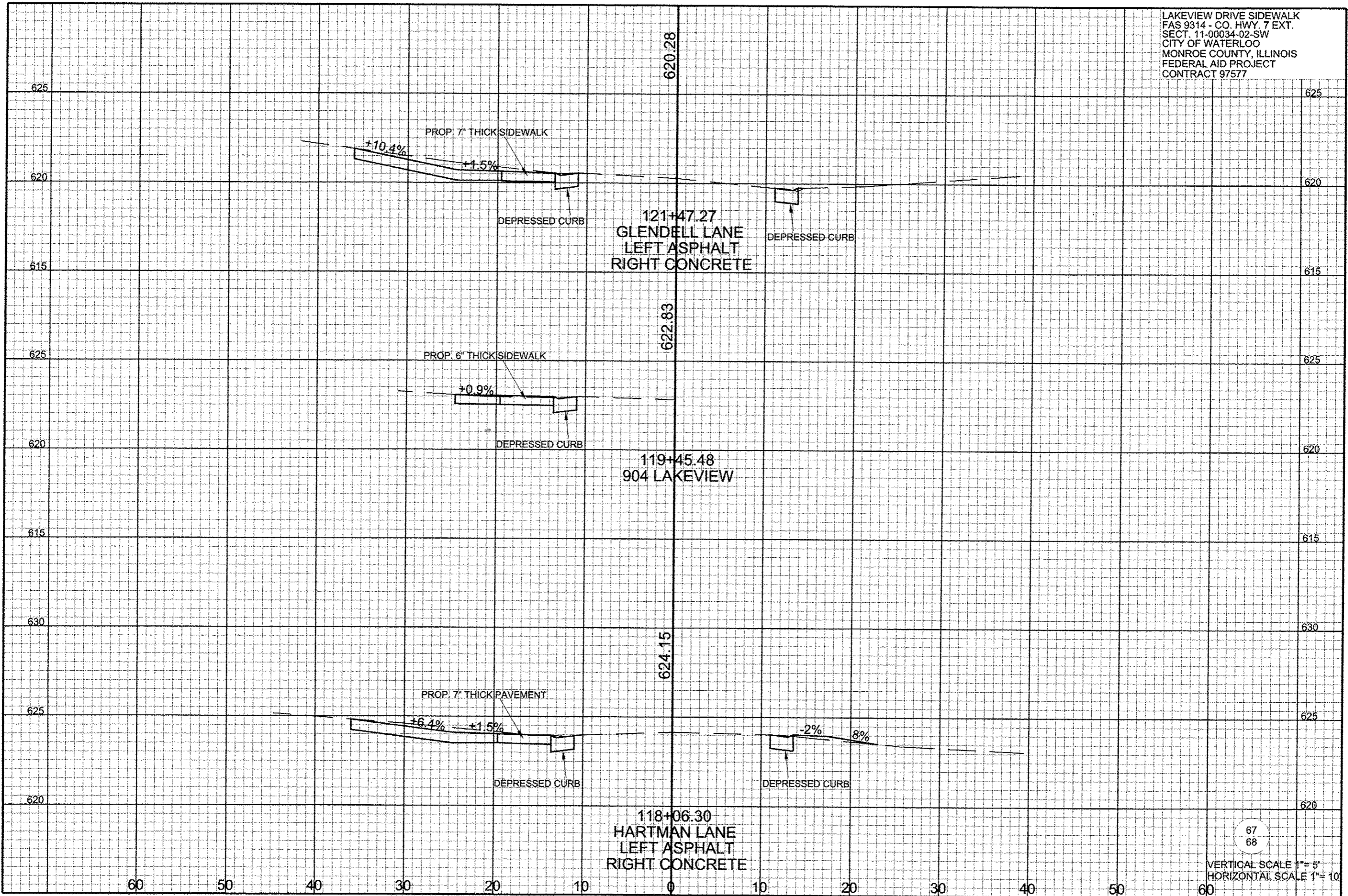
VERTICAL SCALE 1"= 5'  
HORIZONTAL SCALE 1"= 10'

LAKEVIEW DRIVE SIDEWALK  
FAS 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
CITY OF WATERLOO  
MONROE COUNTY, ILLINOIS  
FEDERAL AID PROJECT  
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66  
68  
VERTICAL SCALE 1" = 5'  
HORIZONTAL SCALE 1" = 10'

LAKEVIEW DRIVE SIDEWALK  
FAS 9314 - CO. HWY. 7 EXT.  
SECT. 11-00034-02-SW  
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MONROE COUNTY, ILLINOIS  
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67  
68

VERTICAL SCALE 1"= 5'  
HORIZONTAL SCALE 1"= 10'

LAKEVIEW DRIVE SIDEWALK  
FAS 9314 - CO. HWY. 7 EXT.  
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134+40.18  
SOUTH LIBRARY STREET

619.34

609.73

127+98.16  
FIELD ENT. LEFT  
127+97.13  
FIELD ENT. RIGHT

DEPRESSED CURB

123+84.7  
1000 LAKEVIEW DR.

615.80

PROP. 6" THICK SIDEWALK

DEPRESSED CURB

68  
68

VERTICAL SCALE 1" = 5'  
HORIZONTAL SCALE 1" = 10'

