

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

HUDSON AVENUE, MILLER AVENUE, WILLARD AVENUE, CENTER AVENUE, AND SOMMERS AVENUE

ASSESSMENT DISTRICT - 2023

CITY PROJECT NO. 14075
CONTRACT NO. 8659

INDEX OF SHEETS

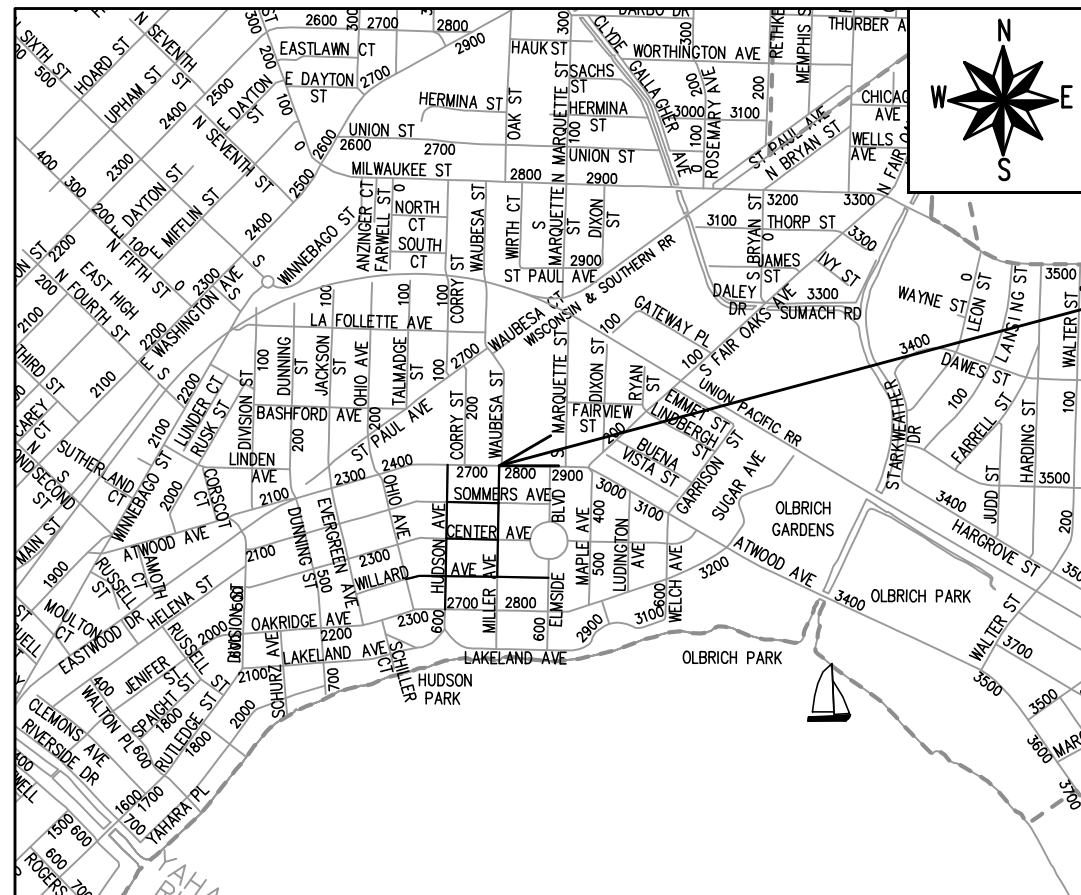
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CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

NOTES:

- ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.
- SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

CITY MAINTENANCE PLAN NOT REQUIRED



PROJECT
LOCATION

EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY)	= 5,800 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT	= 1,100 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT	= 6,900 C.Y.

PUBLIC IMPROVEMENT PROJECT
APPROVED

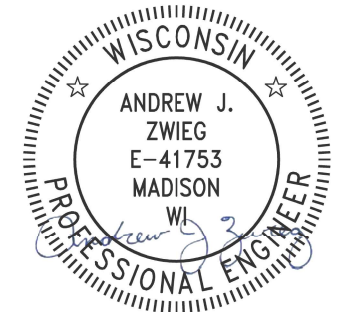
APPROVED DATE FEBRUARY 28, 2023

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Jun 28, 2023
City Engineer Date

STREET
DESIGNED BY:



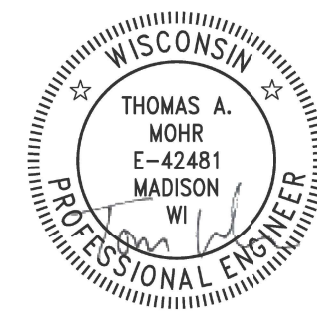
Jun 28, 2023

SANITARY & STORM SEWER
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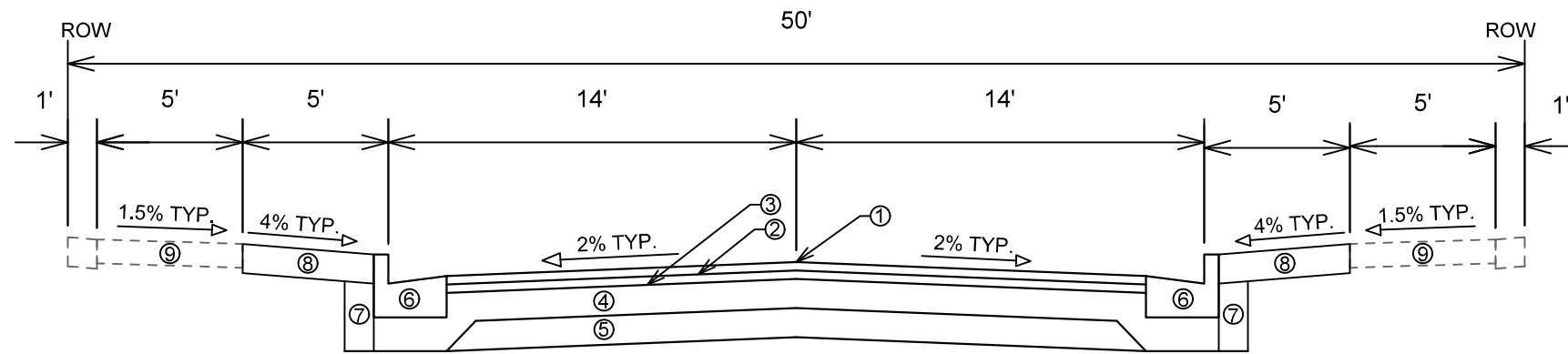


Jun 28, 2023

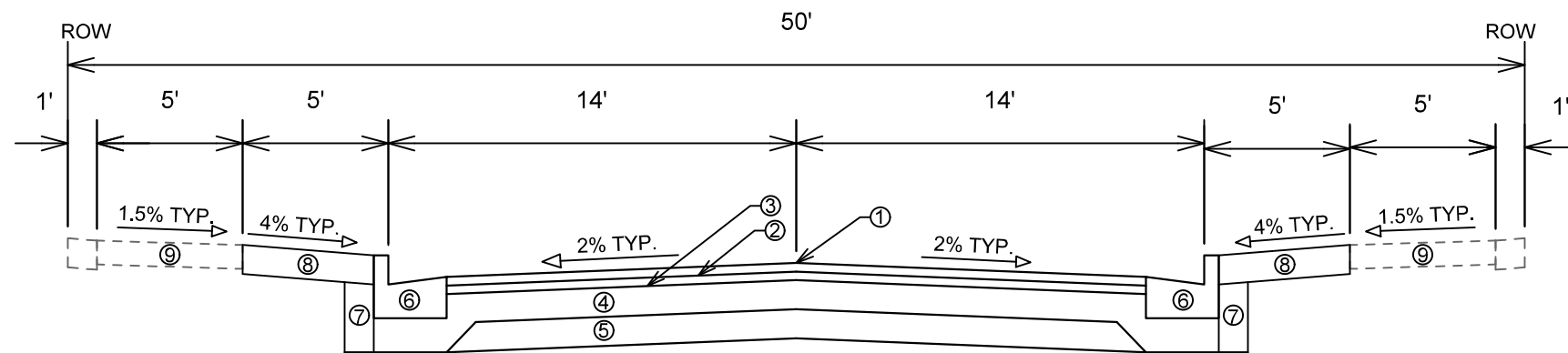
PAVEMENT MARKING
DESIGNED BY:



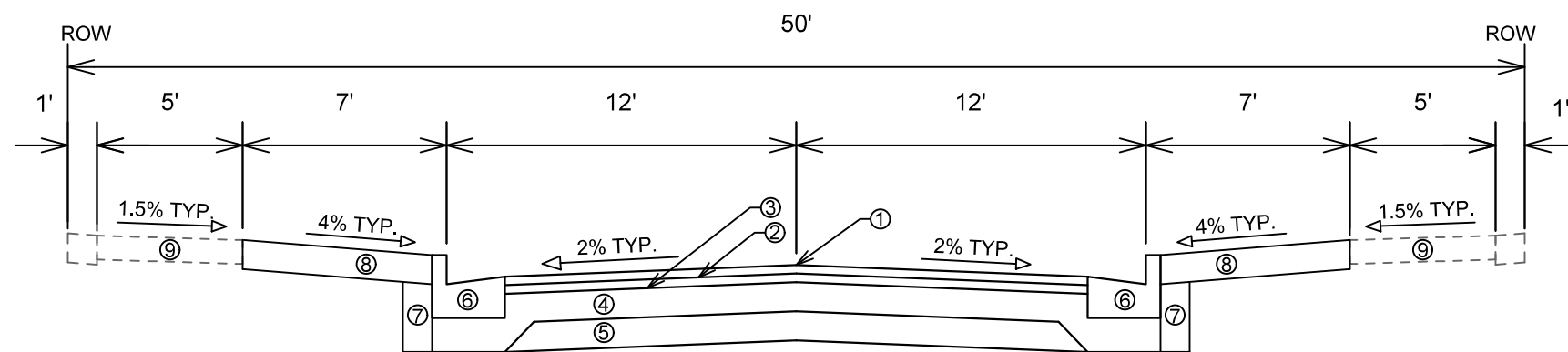
Jun 28, 2023



TYPICAL SECTION
HUDSON AVENUE
STA 101+17.15 TO STA 111+75.00



TYPICAL SECTION
MILLER AVENUE
STA 202+59.17 TO STA 211+35.87



TYPICAL SECTION
WILLARD AVENUE
STA 300+73.39 TO STA 310+85.00

SPECIAL NOTES:

- TYPICAL SECTION NOT TO SCALE
- SEE X-SHEETS FOR CROSS SLOPES, EDGE OF PAVEMENT ELEVATIONS, & TOP OF CURB ELEVATIONS

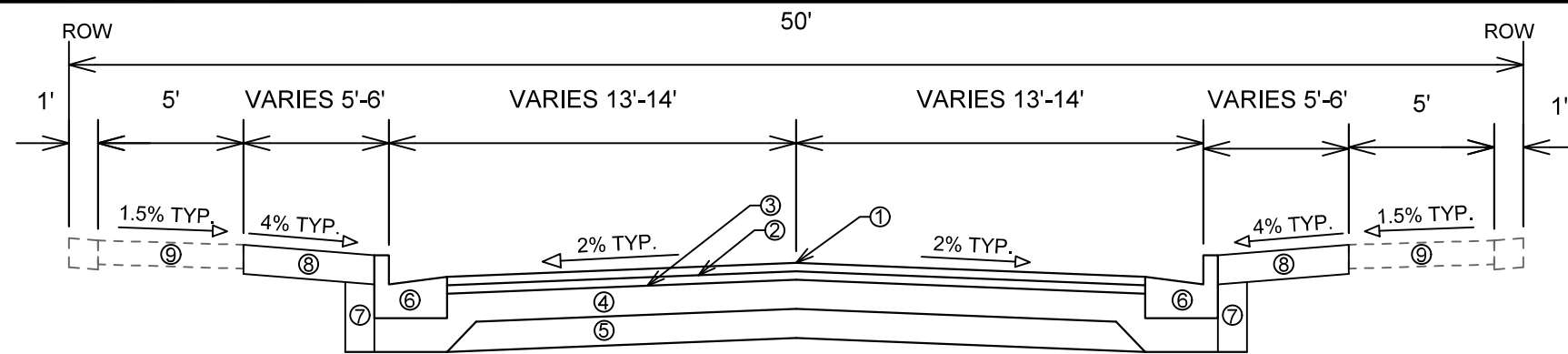
- ① POINT REFERRED TO ON PROFILE
- ② 1.75" HMA PAVEMENT, TYPE 4 LT 58-28 S (UPPER LAYER)
- ③ 1.75" HMA PAVEMENT, TYPE 4 LT 58-28 S (LOWER LAYER)
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE (UPPER LAYER)
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE (LOWER LAYER)
- ⑥ CONCRETE CURB AND GUTTER TYPE 'A'; 42-INCH MODIFIED TYPE 'A', MODIFIED TYPE 'A' REJECT; DRIVEWAY (DWY) TYPE 'X'; PEDESTRIAN (PED) TYPE 'X'
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑧ RESTORE DISTURBED AREAS W/ 6" TOPSOIL, SEED, AND EROSION MATTING
- ⑨ 5" CONCRETE SIDEWALK SPOT REPLACEMENT AS NEEDED, SEE PLAN AND PROFILE SHEETS FOR LOCATIONS

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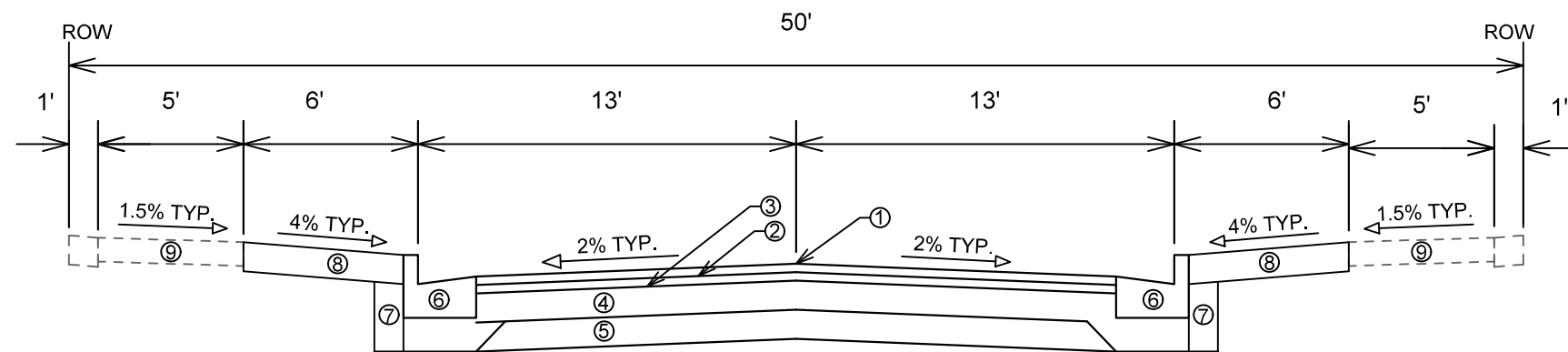
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 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI
 8659
 CONTRACT NO:
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**TYPICAL SECTION
CENTER AVENUE
STA 403+90.73 TO STA 408+75.61**

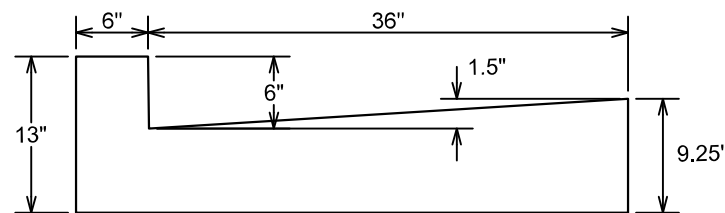


**TYPICAL SECTION
SOMMERS AVENUE
STA 504+75.00 TO STA 509+45.00**

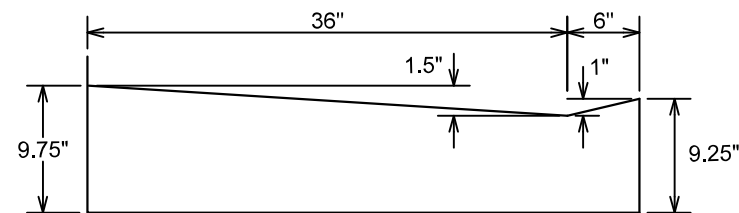
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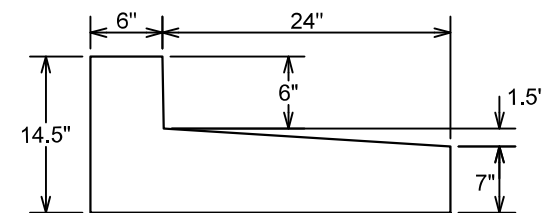
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**42-INCH MODIFIED TYPE 'A'
CONCRETE CURB AND GUTTER
CENTER AVENUE
STA 404+57 TO 405+96 LT
STA 404+57 TO 405+65 RT
(PAID AS MODIFIED TYPE 'A')**



**42-INCH MODIFIED TYPE 'X'
CONCRETE CURB AND GUTTER
CENTER AVENUE
STA 405+38 TO 405+75 LT
(PAID AS MODIFIED TYPE 'X')**



**MODIFIED TYPE 'A' CONCRETE
CURB AND GUTTER REJECT
HUDSON AVENUE/WILLARD AVENUE
INTERSECTION SOUTHWEST
CORNER
STA 103+25 LT
(PAID AS TYPE 'A')**

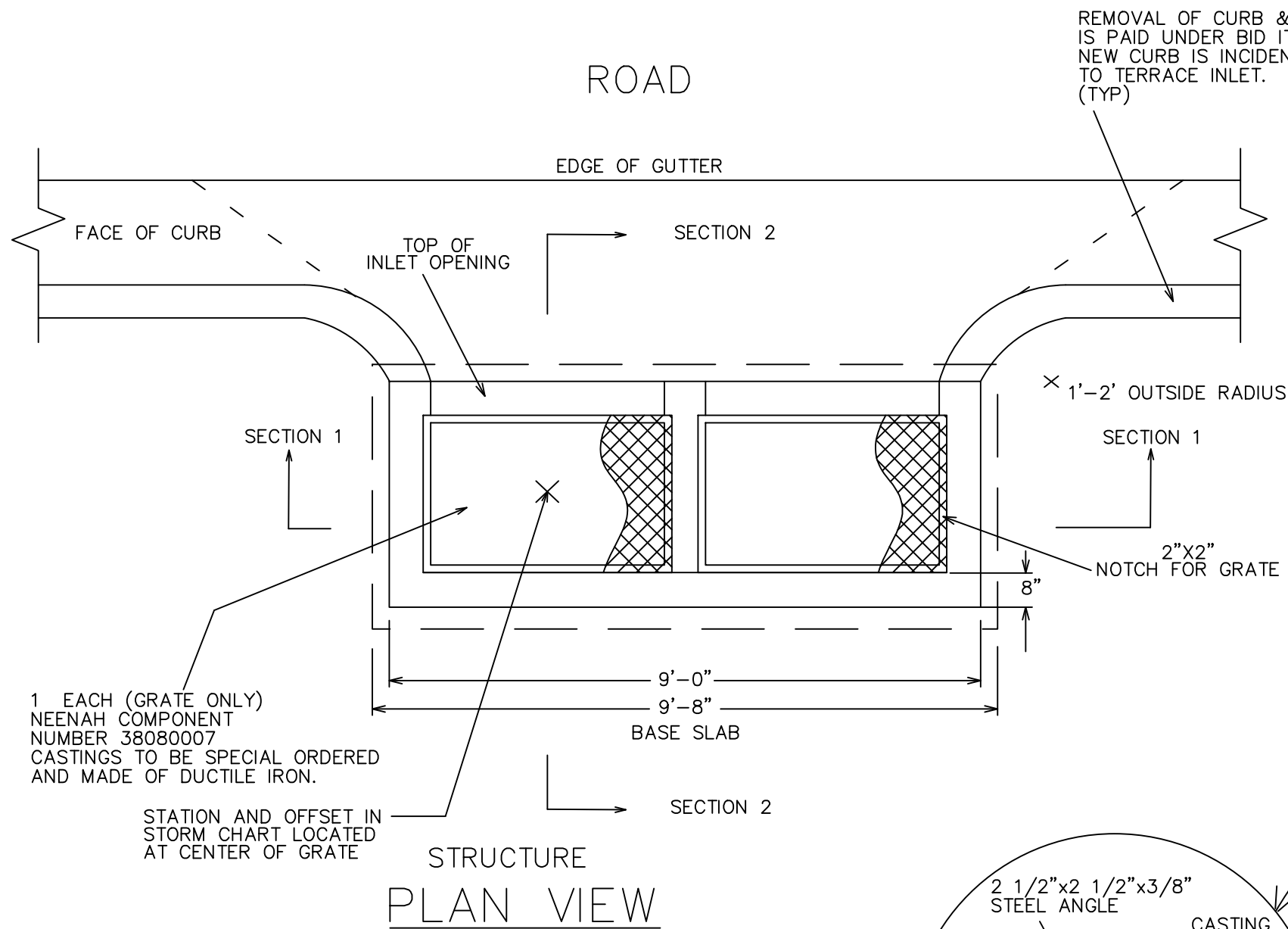
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14075
MADISON, WI
8659
CONTRACT NO:

TYPICAL SECTIONS
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
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14075
D-2



1 EACH (GRATE ONLY)
NEENAH COMPONENT
NUMBER 38080007
CASTINGS TO BE SPECIAL ORDERED
AND MADE OF DUCTILE IRON.

STATION AND OFFSET IN
STORM CHART LOCATED
AT CENTER OF GRATE

GENERAL NOTES:
ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED
2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

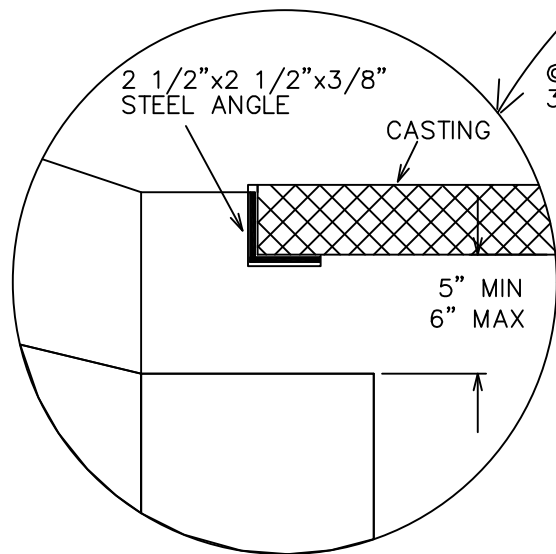
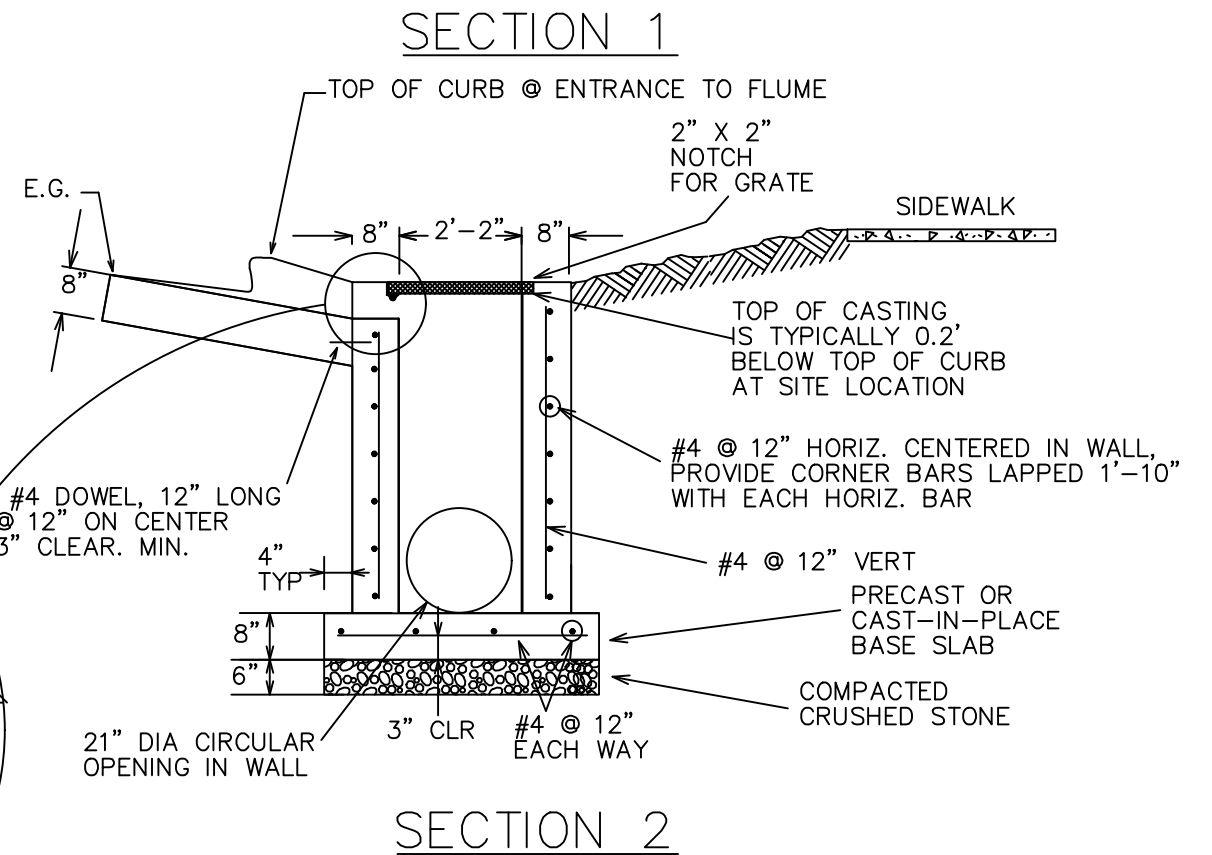
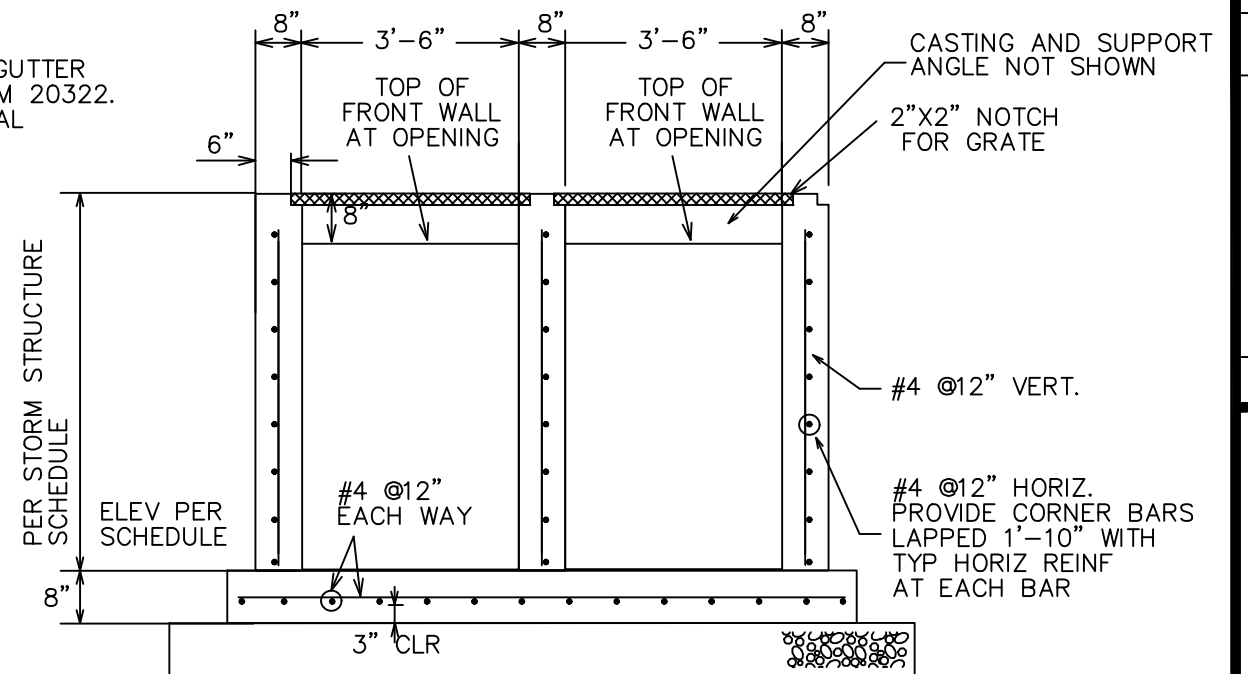
PROVIDE ADDITIONAL REINFORCEMENT AROUND PIPE
OPENINGS PER "ADDITIONAL REINFORCEMENT AT
CONCRETE OPENINGS" DETAIL ON STANDARD DETAIL
DRAWING 5.7.3

BACKFILL STRUCTURE WITH SELECT FILL SAND
(BID ITEM 20208).

DESIGN DATA:
CONCRETE MASONRY: $f'_c = 4,000$ PSI
STEEL REINFORCING: $F_y = 60,000$ PSI

STRUCTURAL DESIGN IS BASED ON A MAXIMUM
STRUCTURE DEPTH OF 15 FEET. STRUCTURAL REVIEW
REQUIRED FOR STRUCTURES DEEPER THAN 15 FEET.

REMOVAL OF CURB & GUTTER
IS PAID UNDER BID ITEM 20322.
NEW CURB IS INCIDENTAL
TO TERRACE INLET.
(TYP)



PLAN VIEW NOTES:
(A) THE CONTRACTOR SHALL BE REQUIRED TO HAND POUR AND FORM
THE LIMITS OF THE CURB ASSOCIATED WITH THE STRUCTURE
UNLESS SPECIFICALLY APPROVED BY THE CONSTRUCTION ENGINEER.

A STRAIGHT LINE GRADE SHALL BE MAINTAINED FROM THE PAVEMENT EDGE OF
GUTTER TO THE OUTSIDE EDGE OF THE INLET. AS SHOWN GRAPHICALLY IN
SECTION #2. THE STRAIGHT LINE GRADE SHALL EXTEND 5.5' ON BOTH SIDES OF
THE INLET. SEE THE DASHED LINES ON PLAN VIEW FOR REFERENCE.

DATE	BY
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MADISON, WI
8659
CONTRACT NO:

S-30B TERRACE INLET DETAIL







HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE

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14075

D-3

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM

EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

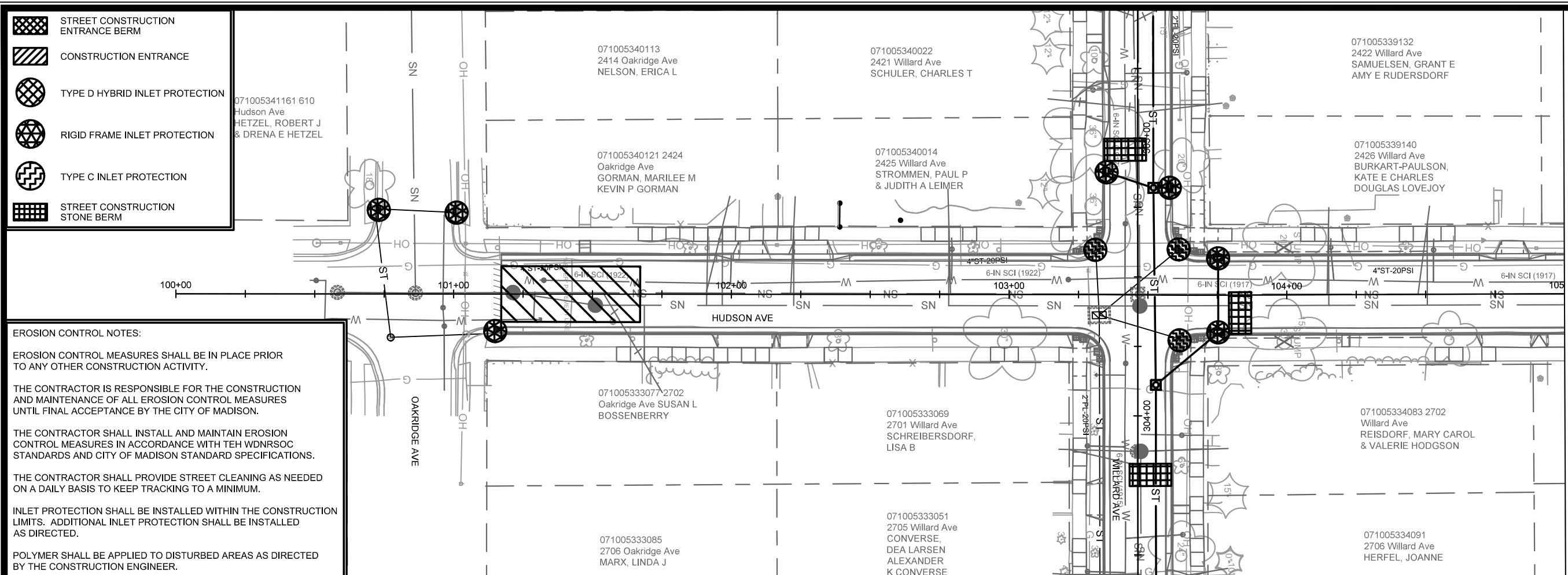
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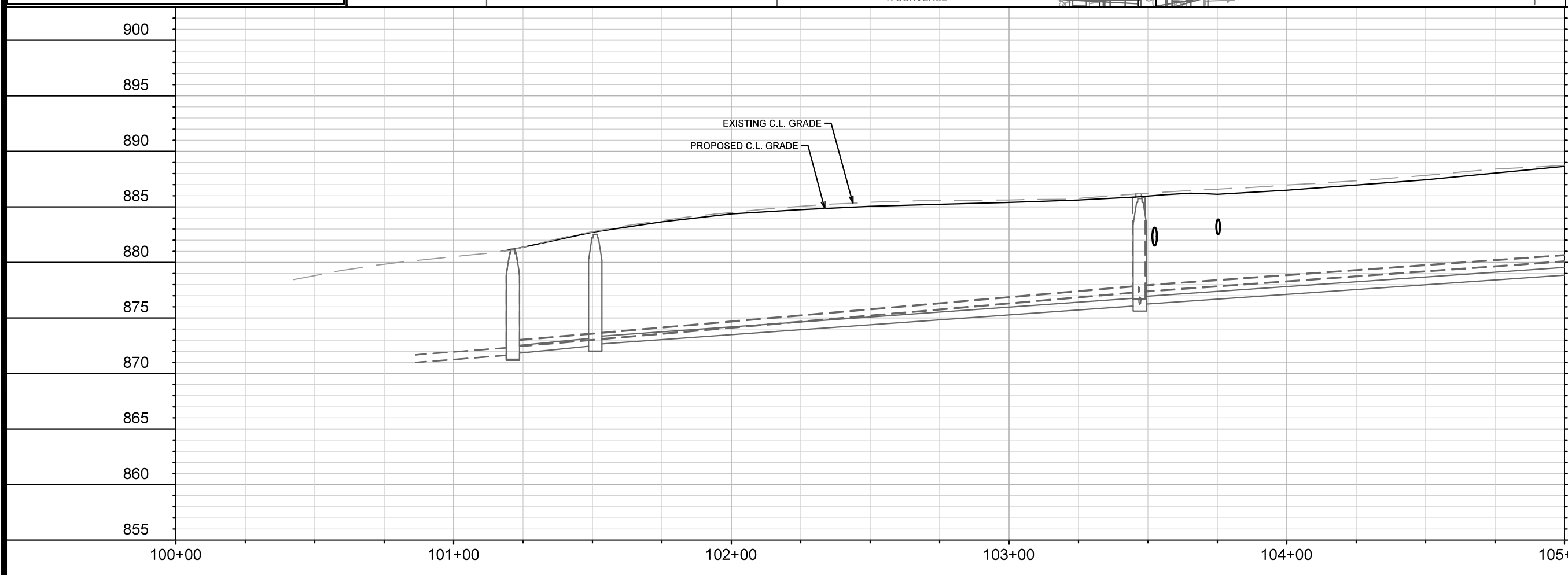
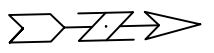
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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



MATCH LINE 105+00.00



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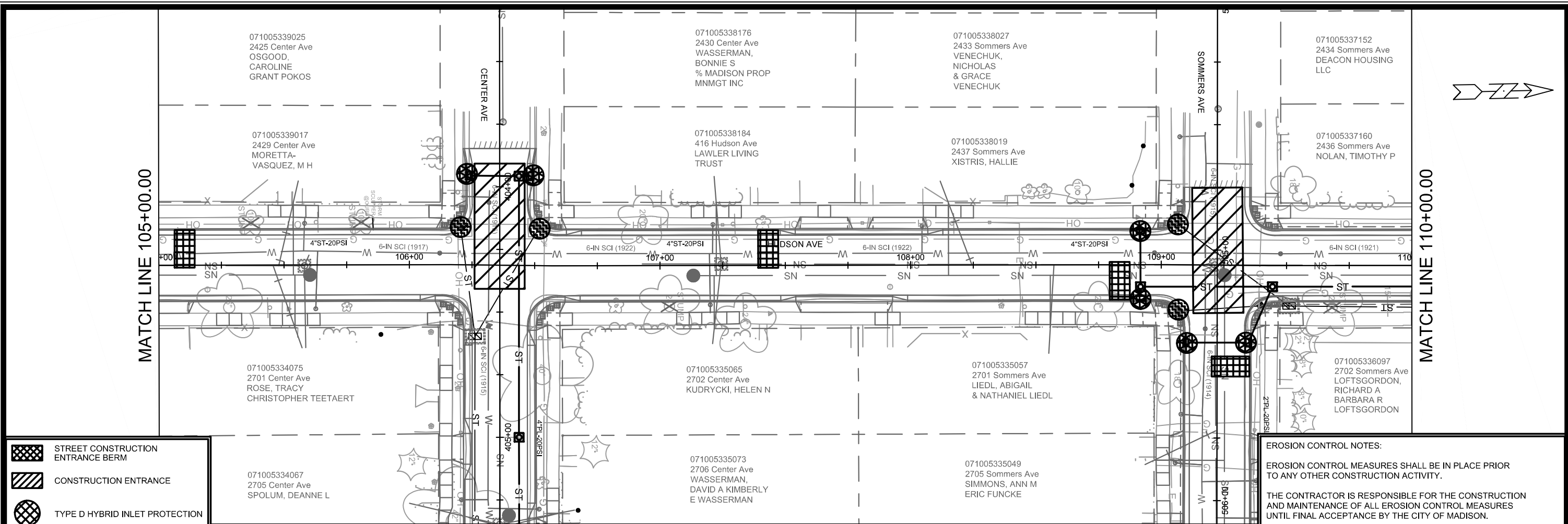
14075
 MADISON, WI
 SOMMERS AVE, CENTER AVE, WILLARD AVE, MILLER AVE
 CONTRACT NO: 8659







EROSION CONTROL PLAN - HUDSON AVE
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-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
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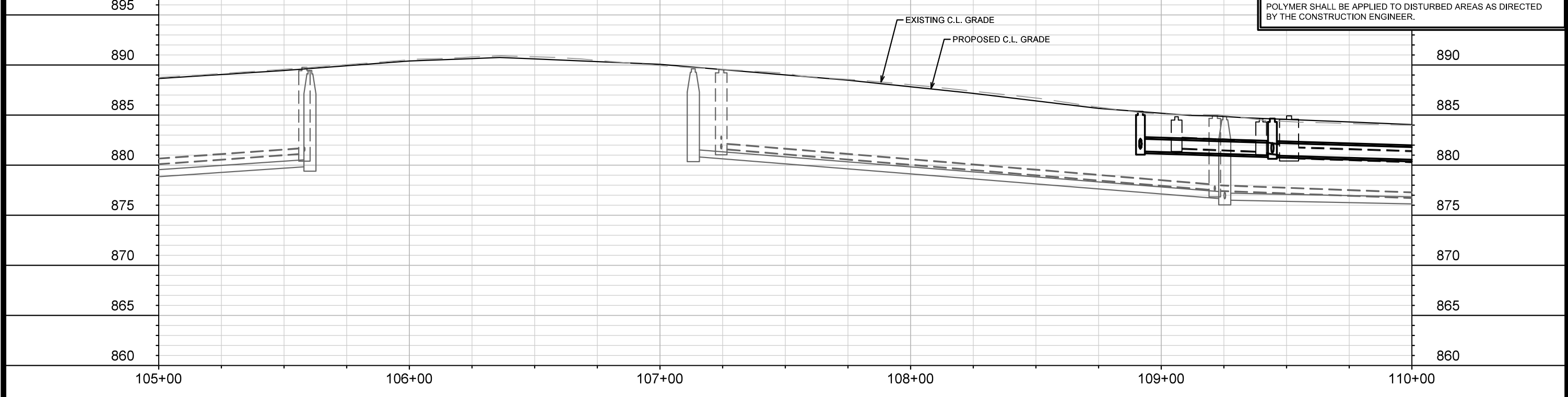
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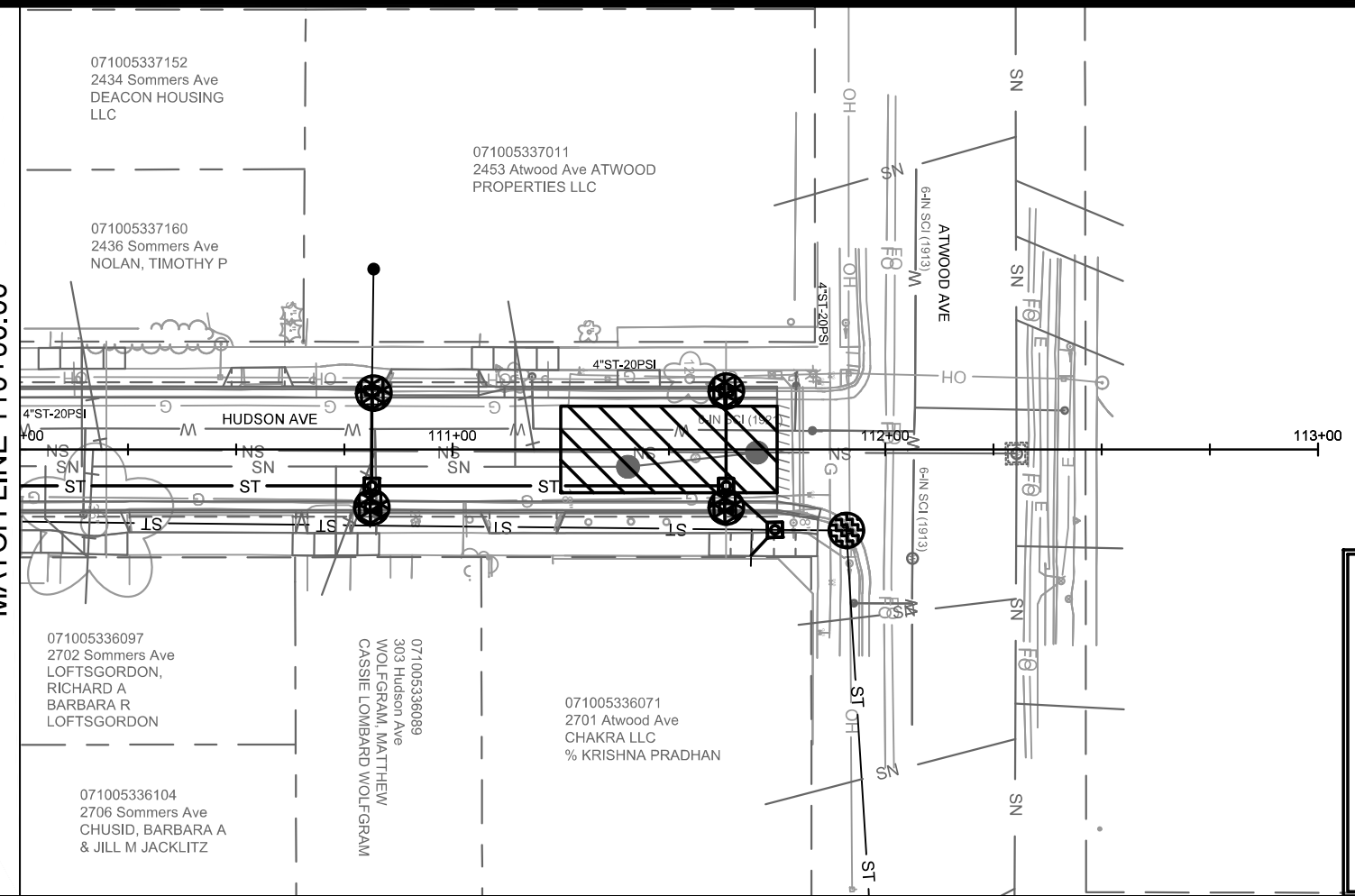
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14075	MADISON, WI	8659	CONTRACT NO:
EROSION CONTROL PLAN - HUDSON AVE			
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE			
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14075		EC-2	

MATCH LINE 110+00.00



-  STREET CONSTRUCTION ENTRANCE BERM
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EC-3

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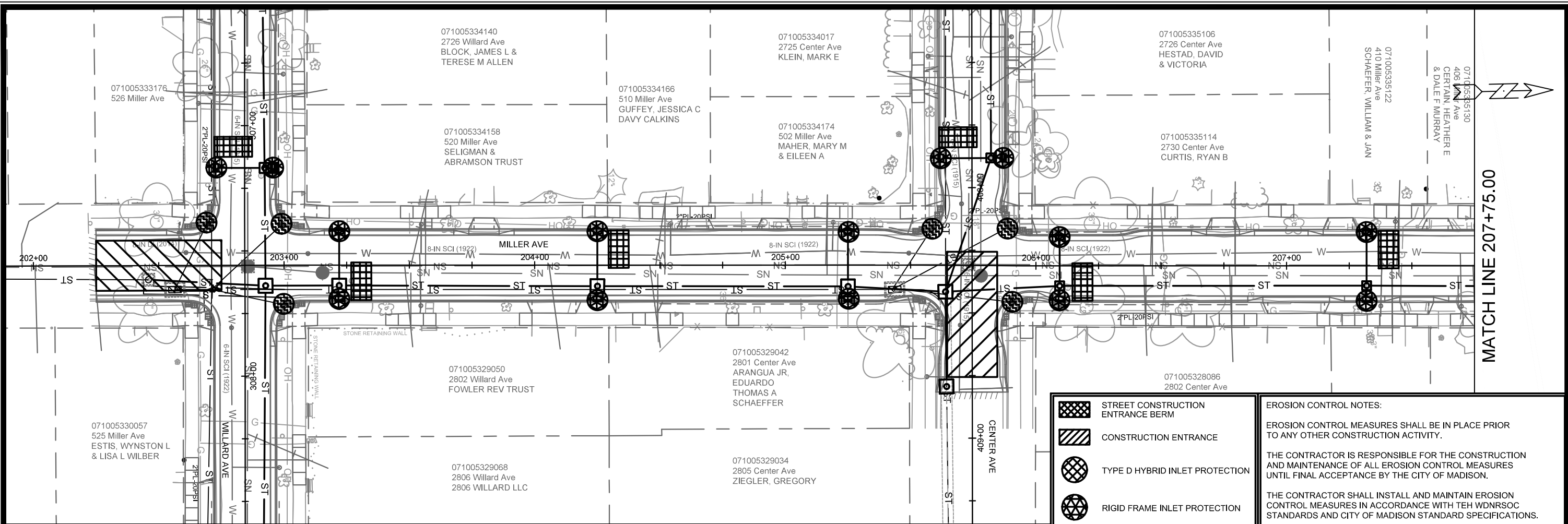
EROSION CONTROL PLAN - HUDSON AVE







HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI

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CONTRACT NO:



-  STREET CONSTRUCTION ENTRANCE BERM
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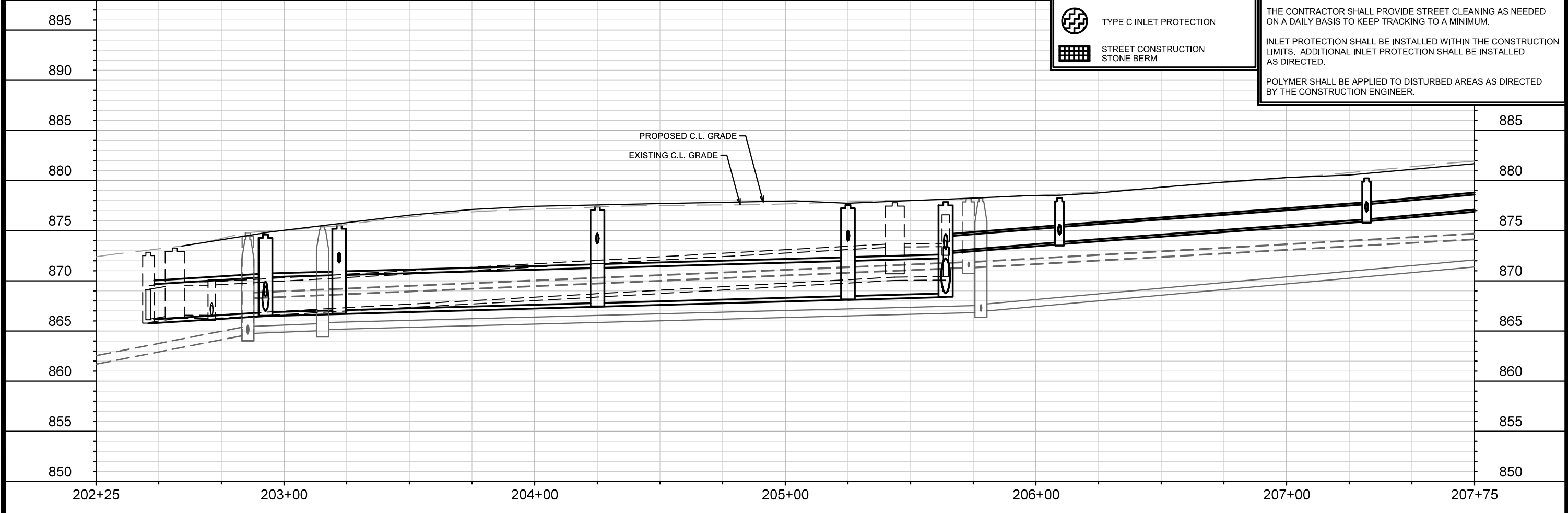
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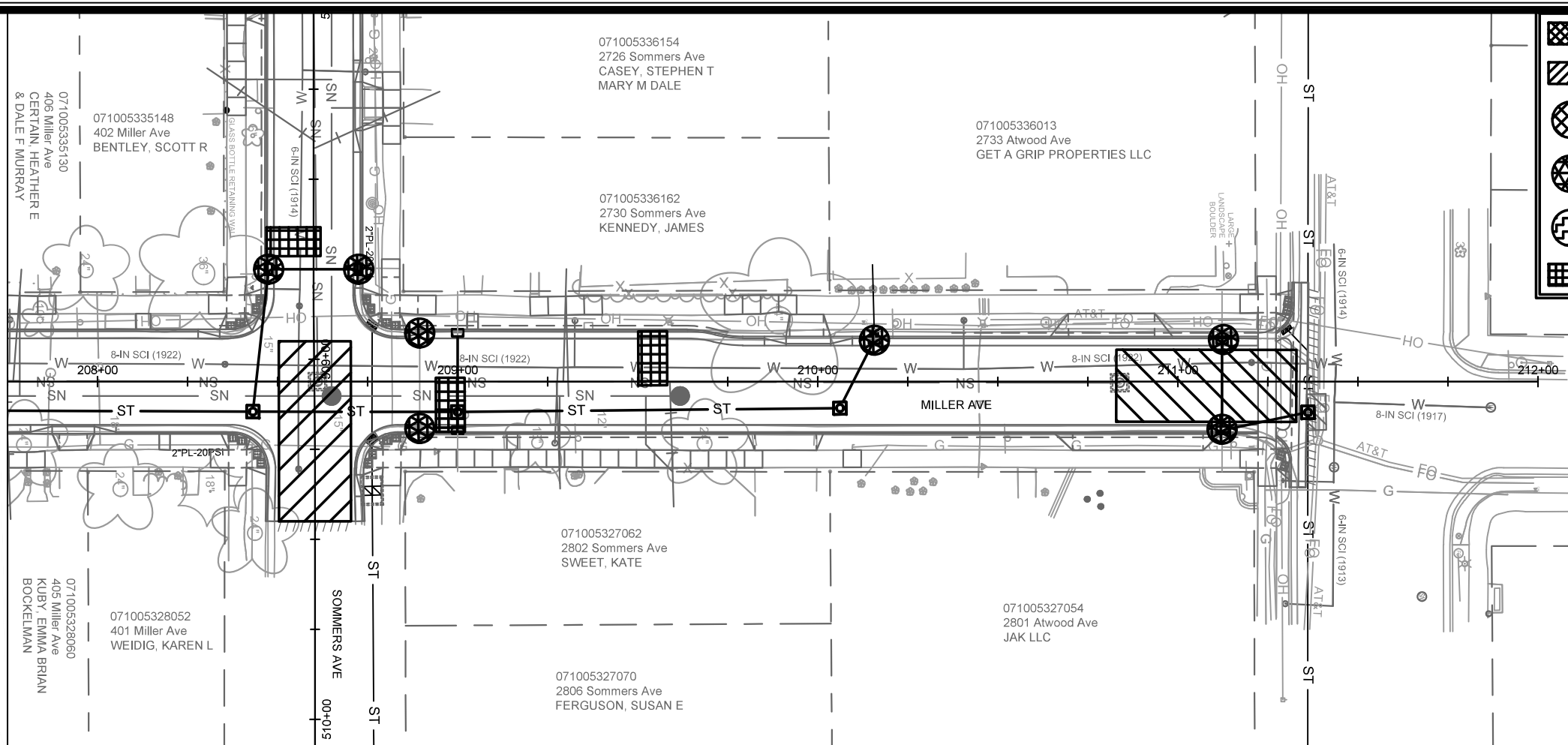
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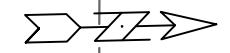
MATCH LINE 207+75.00

14075	MADISON, WI	8659	CONTRACT NO:
EROSION CONTROL PLAN - MILLER AVE HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE			
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14075		EC-4	

MATCH LINE 207+75.00



	STREET CONSTRUCTION ENTRANCE BERM
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Date: 6/27/2023 8:54 AM

14075

14075

EROSION CONTROL PLAN - MILLER AVE

HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI







8659

CONTRACT NO:

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14075

EC-5

-  STREET CONSTRUCTION ENTRANCE BERM
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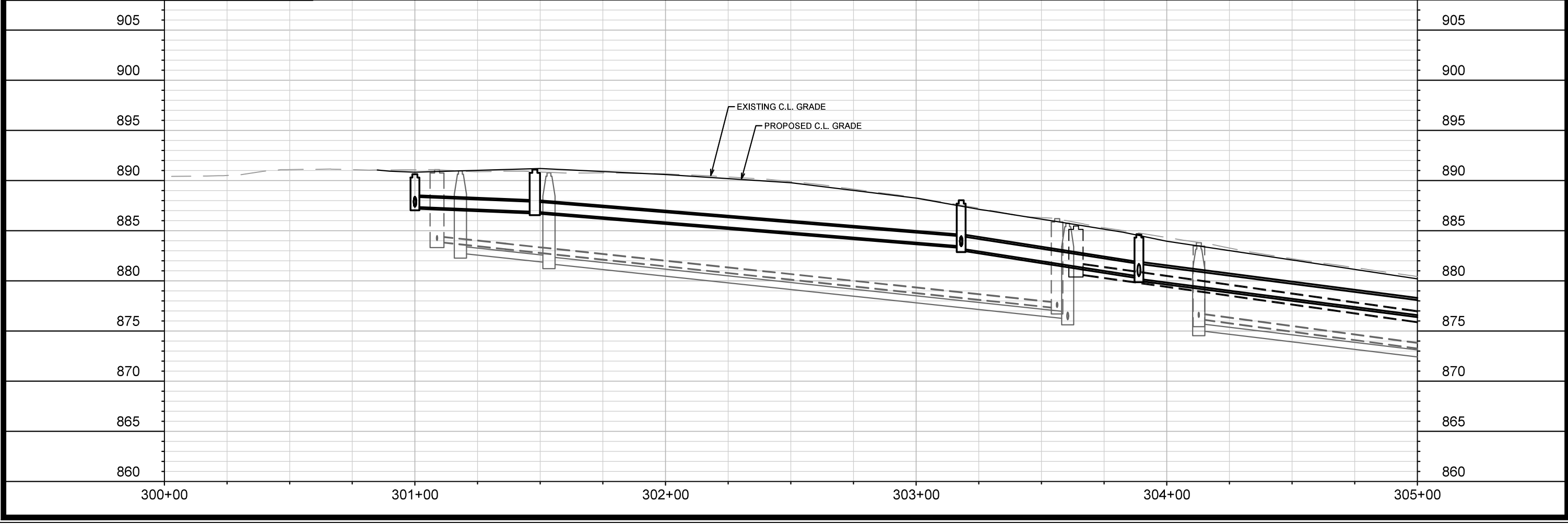
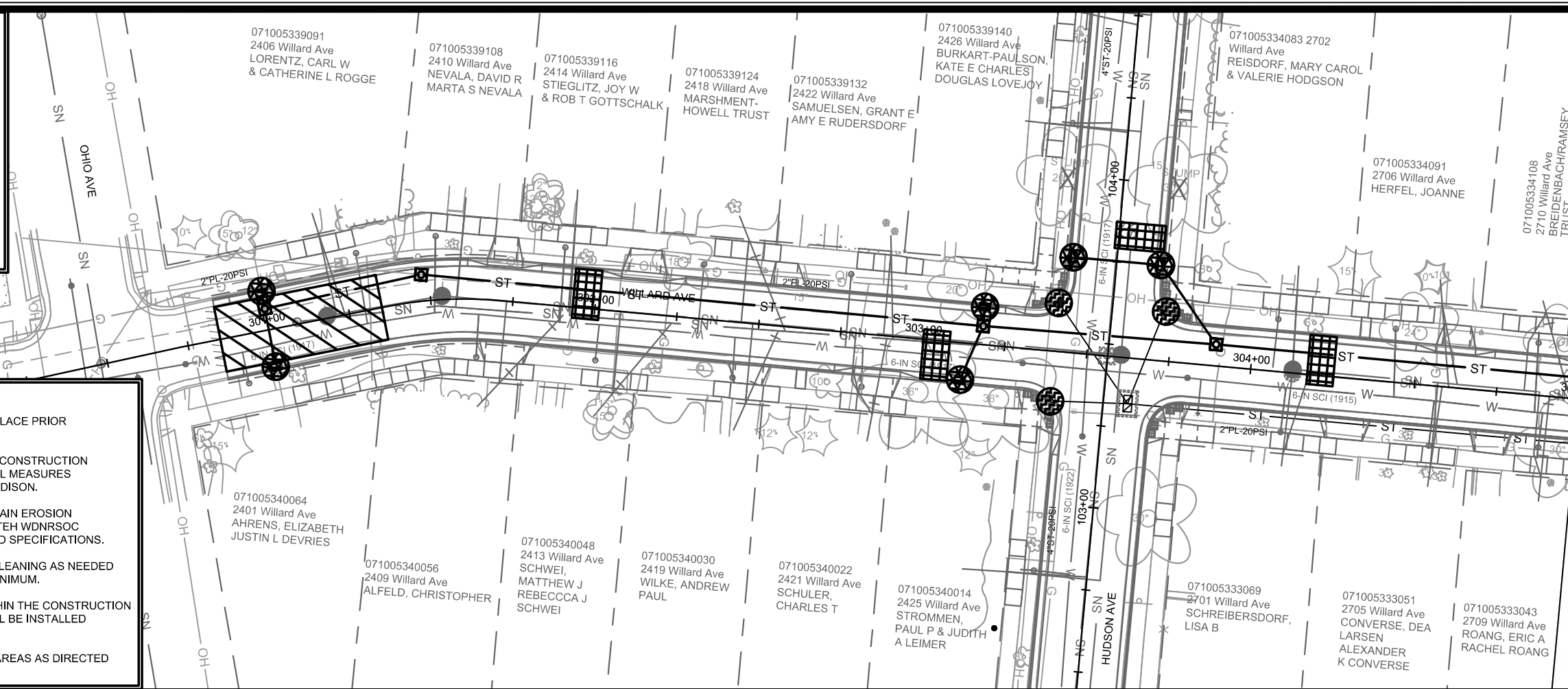
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14075
 MADISON, WI
 SOMMERS AVE, CENTER AVE, WILLARD AVE, MILLER AVE, HUDSON AVE

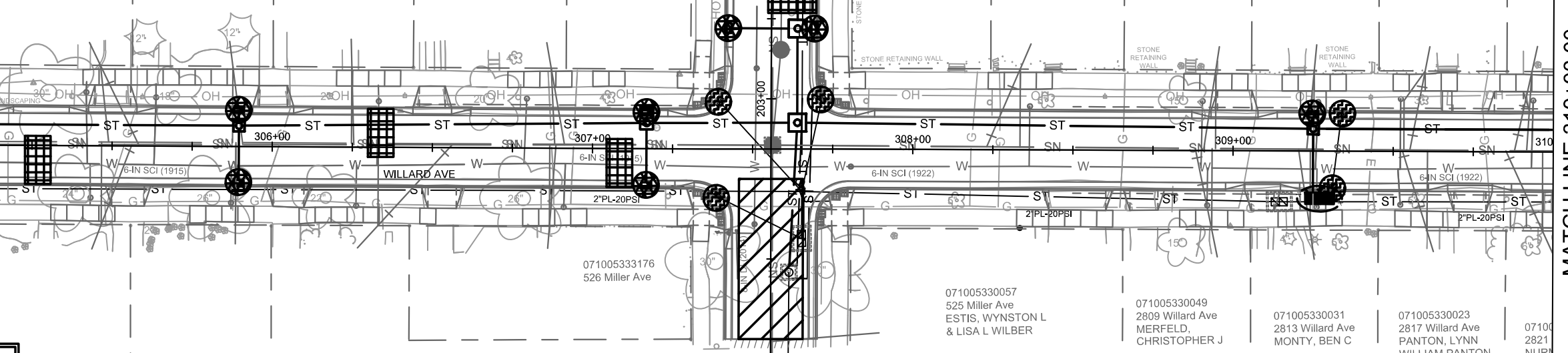
EROSION CONTROL PLAN - WILLARD AVE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI



14075
 EC-6

Scale: 6/27/2023 8:54 AM
 Designed By: AJZ
 14075
 8659
 CONTRACT NO:
 EC-6

071005334116 2714 Willard Ave LAMBRIGHT, KAREN E
 071005334124 2718 Willard Ave FASS, FREDERICK M & MARIE L JACOBSON
 071005334132 2722 Willard Ave NADEAU, ISAAC JENNIFER SALLMANN
 071005334140 2726 Willard Ave BLOCK, JAMES L & TERESE M ALLEN
 071005334158 520 Miller Ave SELIGMAN & ABRAMSON TRUST
 071005329050 2802 Willard Ave FOWLER REV TRUST
 071005329068 2806 Willard Ave 2806 WILLARD LLC
 071005329076 2810 Willard Ave JONES, ALAN L & JILL R
 071005329084 2814 Willard Ave USELMAN, REBECCA & ANNA USELMAN
 071005329092 2818 Willard Ave BOYNTON, NORAH
 071005 2822 W SCHMITZ & AMY



071005333035 2713 Willard Ave LYONS, BEN & GERALDINE
 071005333027 2717 Willard Ave ASHE, PAUL T KRISTINE A ASHE
 071005333019 2721 Willard Ave BLODGETT, DAVID L & MEGHAN E BLODGETT
 071005333176 526 Miller Ave
 071005333168 530 Miller Ave FEEST, SUSAN & GARY J FEEST
 071005330057 525 Miller Ave ESTIS, WYNSTON L & LISA L WILBER
 071005330049 2809 Willard Ave MERFELD, CHRISTOPHER J
 071005330031 2813 Willard Ave MONTY, BEN C
 071005330023 2817 Willard Ave PANTON, LYNN WILLIAM PANTON
 071005330065 533 Miller Ave NOVOTNAK, JOSEPH M & CHRISTINE L NEALE

	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	TYPE D HYBRID INLET PROTECTION
	RIGID FRAME INLET PROTECTION
	TYPE C INLET PROTECTION
	STREET CONSTRUCTION STONE BERM

EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

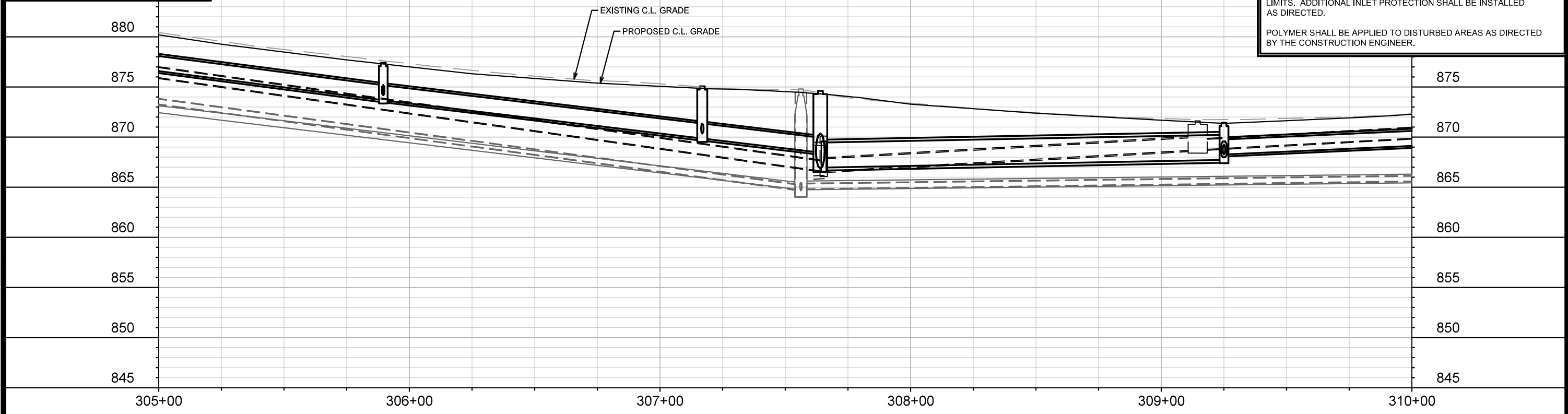
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.









MARK	REVISION	DATE	BY
14075	6/27/2023 6:54 AM	14075	EC-7

14075
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI
 CONTRACT NO: 8659



14075
 EC-7

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM

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THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

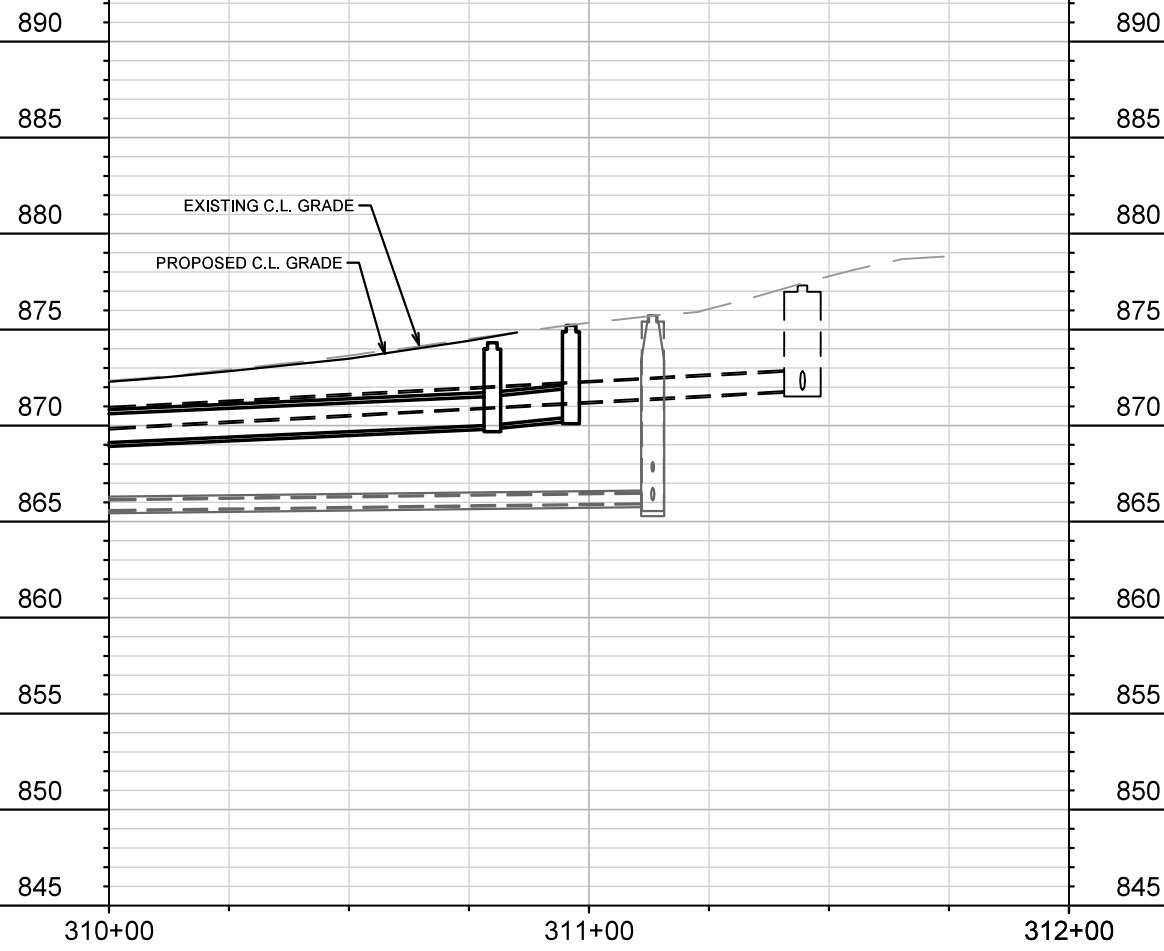
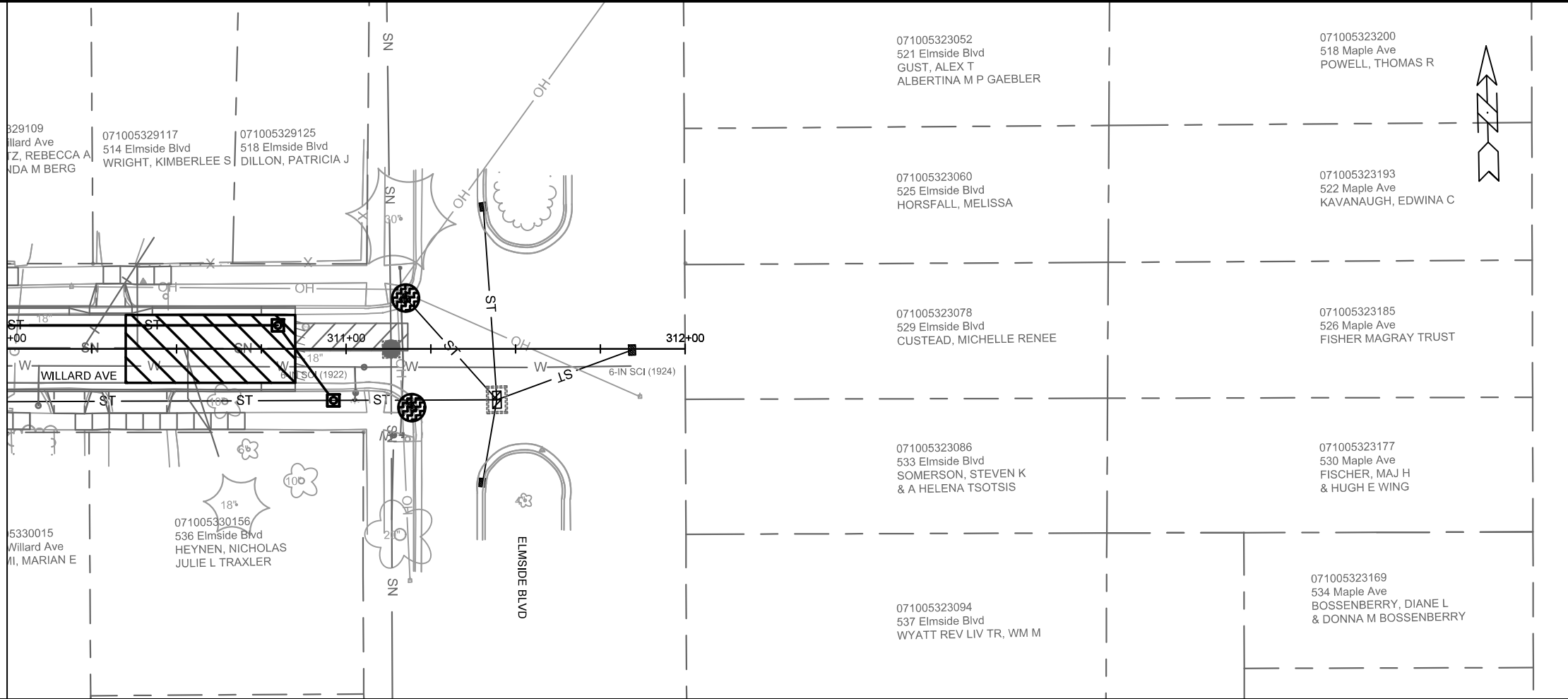
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

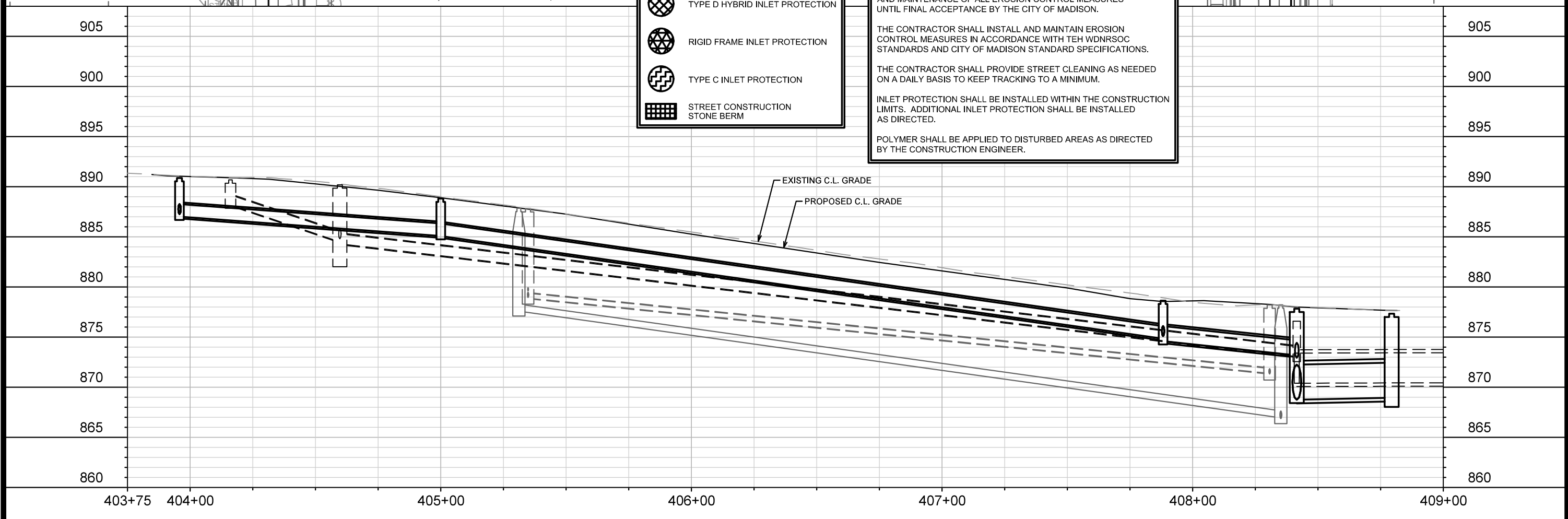
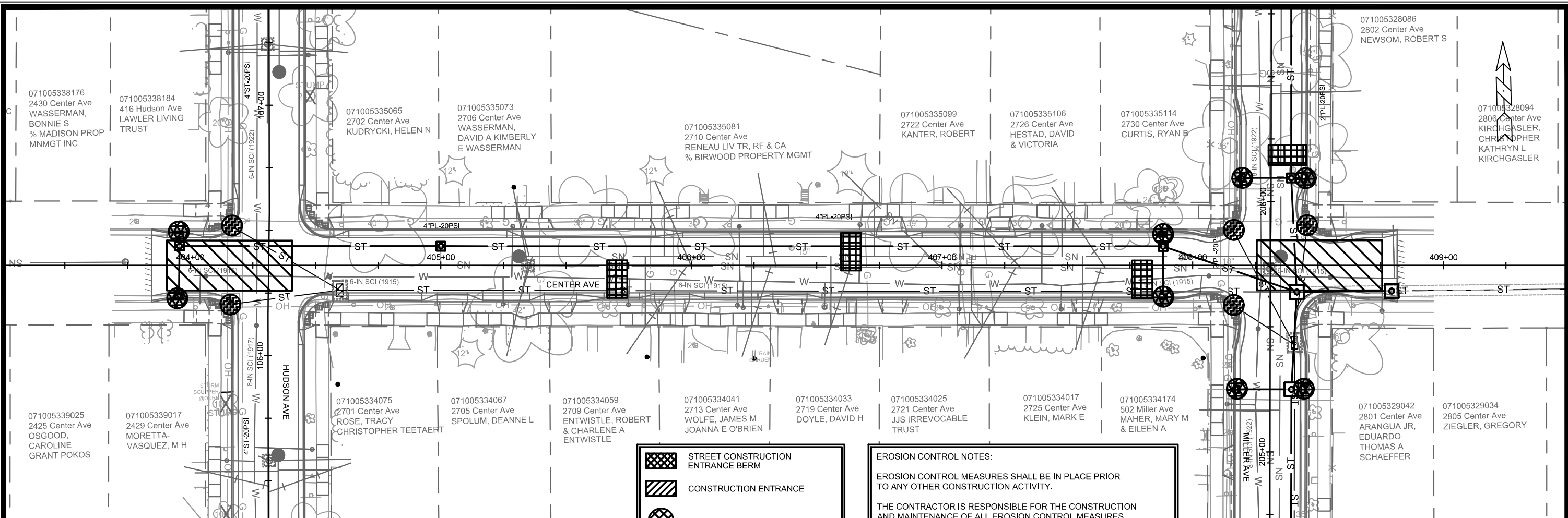
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.







POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

MATCH LINE 310+00.00



14075	14075	14075	14075	14075	14075
EROSION CONTROL PLAN - WILLARD AVE	HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE	MADISON, WI	CONTRACT NO: 8659	Scale: #####	BY: EC-8
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<div style="display: flex; justify-content: space-between;"> 14075 EC-8 </div>					



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM

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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

071005328086
2802 Center Ave
NEWSOM, ROBERT S

071005338176
2430 Center Ave
WASSERMAN,
BONNIE S
% MADISON PROP
MNGMT INC

071005338184
416 Hudson Ave
LAWLER LIVING
TRUST

071005335065
2702 Center Ave
KUDRYCKI, HELEN N

071005335073
2706 Center Ave
WASSERMAN,
DAVID A KIMBERLY
E WASSERMAN

071005335081
2710 Center Ave
RENEAU LIV TR, RF & CA
% BIRWOOD PROPERTY MGMT

071005335099
2722 Center Ave
KANTER, ROBERT

071005335106
2726 Center Ave
HESTAD, DAVID
& VICTORIA

071005335114
2730 Center Ave
CURTIS, RYAN B

071005328094
2806 Center Ave
KIRCHGASLER,
CHRISTOPHER
KATHRYN L
KIRCHGASLER

071005339025
2425 Center Ave
OSGOOD,
CAROLINE
GRANT POKOS

071005339017
2429 Center Ave
MORETTA-
VASQUEZ, M H

071005334075
2701 Center Ave
ROSE, TRACY
CHRISTOPHER TEETAERT

071005334067
2705 Center Ave
SPOLUM, DEANNE L

071005334059
2709 Center Ave
ENTWISTLE, ROBERT
& CHARLENE A
ENTWISTLE

071005334041
2713 Center Ave
WOLFE, JAMES M
JOANNA E O'BRIEN

071005334033
2719 Center Ave
DOYLE, DAVID H

071005334025
2721 Center Ave
JJS IRREVOCABLE
TRUST

071005334017
2725 Center Ave
KLEIN, MARK E

071005334174
502 Miller Ave
MAHER, MARY M
& EILEEN A

071005329042
2801 Center Ave
ARANGUA JR,
EDUARDO
THOMAS A
SCHAEFFER

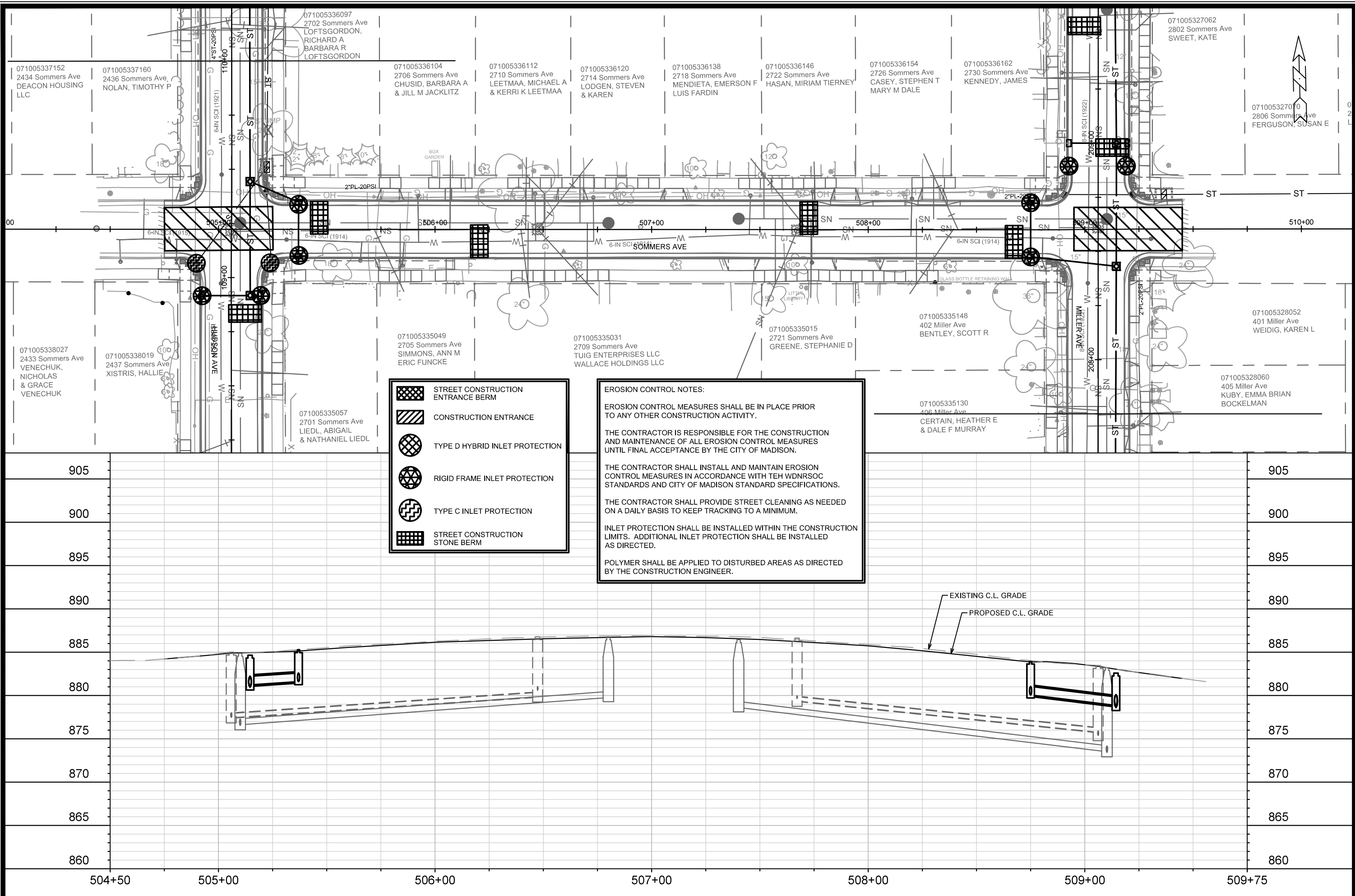
071005329034
2805 Center Ave
ZIEGLER, GREGORY







MARK	REVISION	DATE	BY
14075			
Designed By: AJZ		Date: 6/27/2023 6:54 AM	Scale: #####
Contract No: 8659		EC-9	

14075
EROSION CONTROL PLAN - CENTER AVE
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
MADISON, WI
CONTRACT NO: 8659



14075
EC-9



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM

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THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

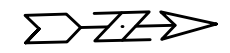
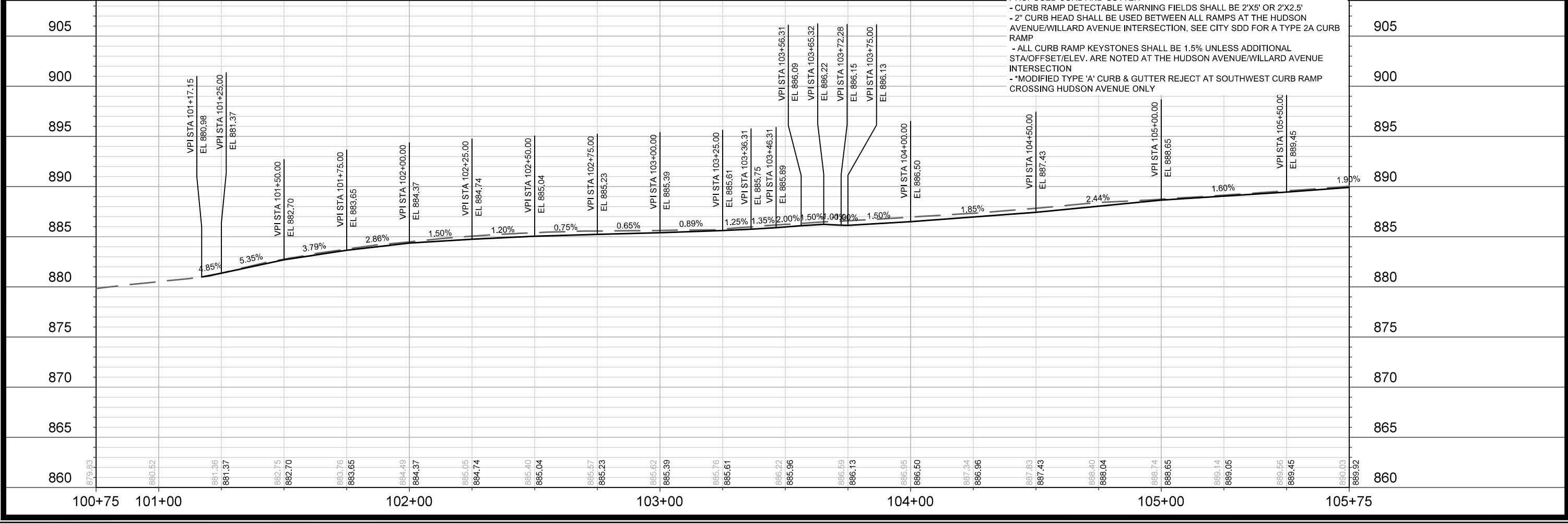
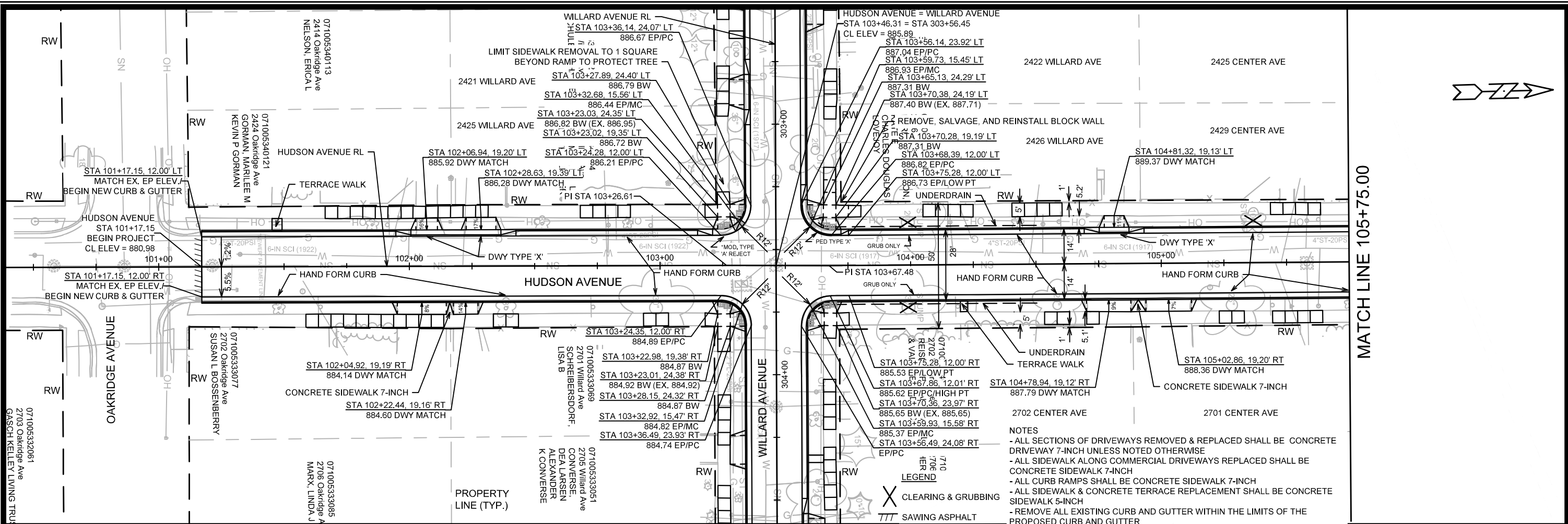
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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

905		905
900		900
895		895
890		890
885		885
880		880
875		875
870		870
865		865
860		860
504+50	505+00	506+00
		507+00
		508+00
		509+00
		509+75

14075	14075	14075	14075
EROSION CONTROL PLAN - SOMMERS AVE	MADISON, WI	8659	EC-10
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE			
			
14075 EC-10			

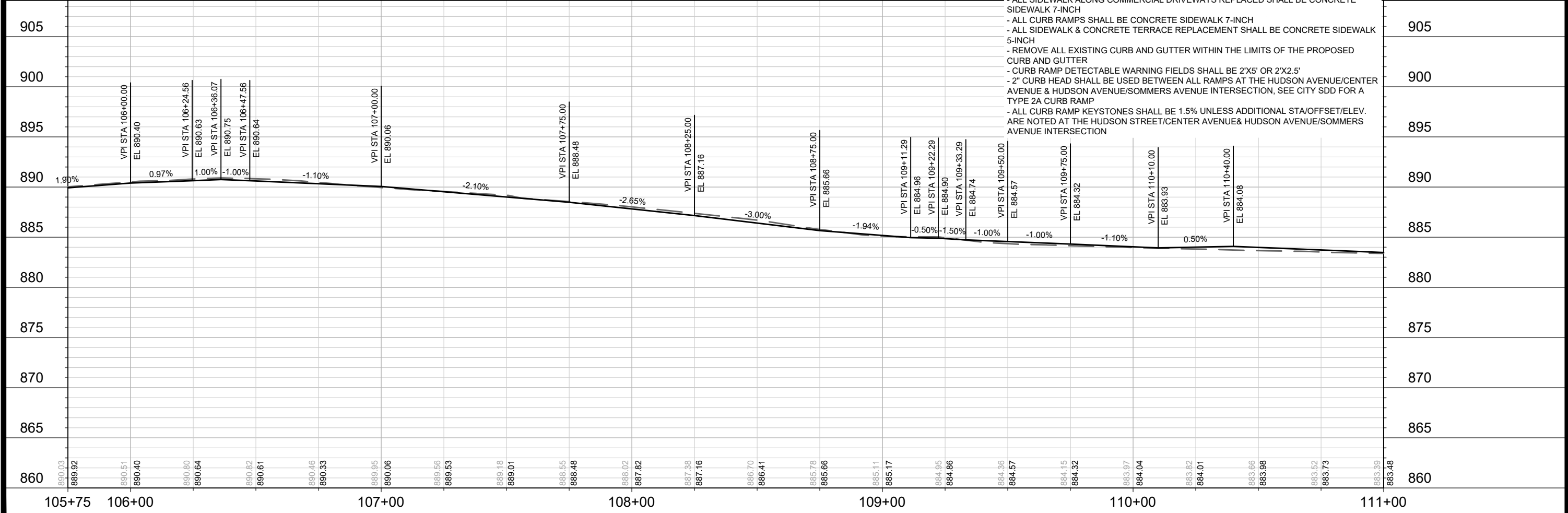
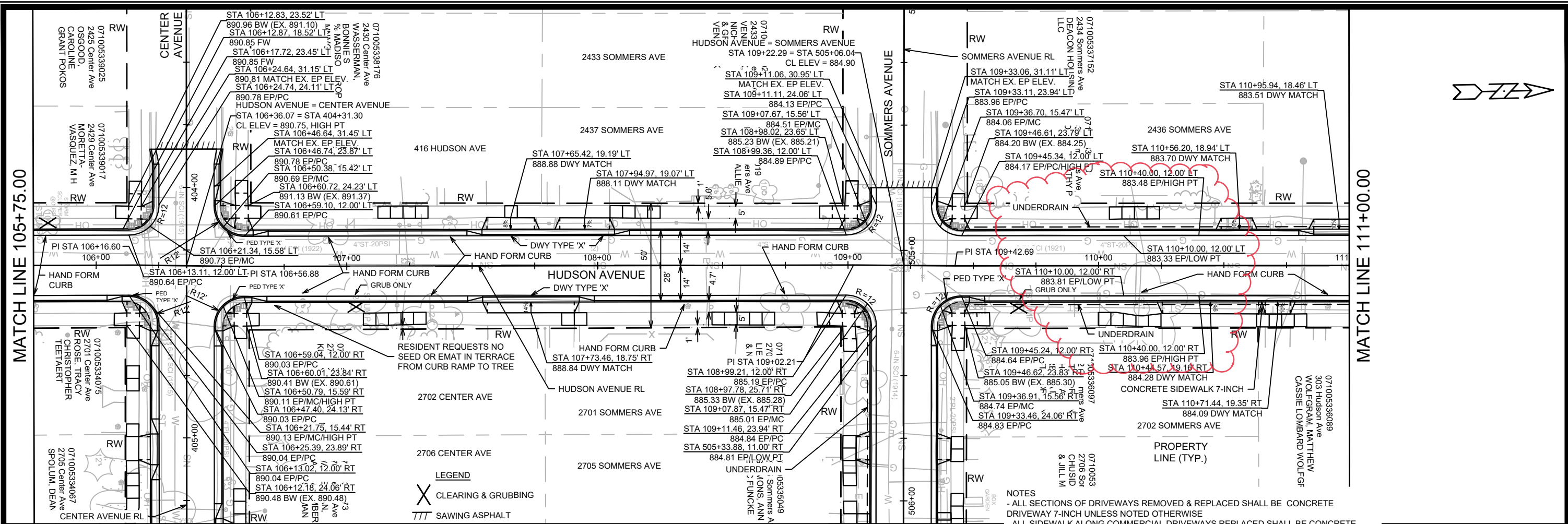


MATCH LINE 105+75.00

- NOTES**
- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS NOTED OTHERWISE
 - ALL SIDEWALK ALONG COMMERCIAL DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL CURB RAMP SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
 - REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'
 - 2" CURB HEAD SHALL BE USED BETWEEN ALL RAMP AT THE HUDSON AVENUE/WILLARD AVENUE INTERSECTION, SEE CITY SDD FOR A TYPE 2A CURB RAMP
 - ALL CURB RAMP KEYSTONES SHALL BE 1.5% UNLESS ADDITIONAL STA/OFFSET/ELEV. ARE NOTED AT THE HUDSON AVENUE/WILLARD AVENUE INTERSECTION
 - *MODIFIED TYPE 'A' CURB & GUTTER REJECT AT SOUTHWEST CURB RAMP CROSSING HUDSON AVENUE ONLY

- LEGEND**
- X CLEARING & GRUBBING
 - /// SAWING ASPHALT

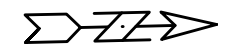
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HUDSON AVENUE PLAN AND PROFILE HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE			
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14075	P-1	DATE	BY
14075	P-1	REVISION	DATE
14075	P-1	MARK	DATE
14075	P-1	Scale: 1" = 40'	DATE



- NOTES**
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 - ALL CURB RAMP KEYSTONES SHALL BE 1.5% UNLESS ADDITIONAL STA/OFFSET/ELEV. ARE NOTED AT THE HUDSON STREET/CENTER AVENUE & HUDSON AVENUE/SOMMERS AVENUE INTERSECTION

LEGEND

- X CLEARING & GRUBBING
- /// SAWING ASPHALT



MATCH LINE 105+75.00

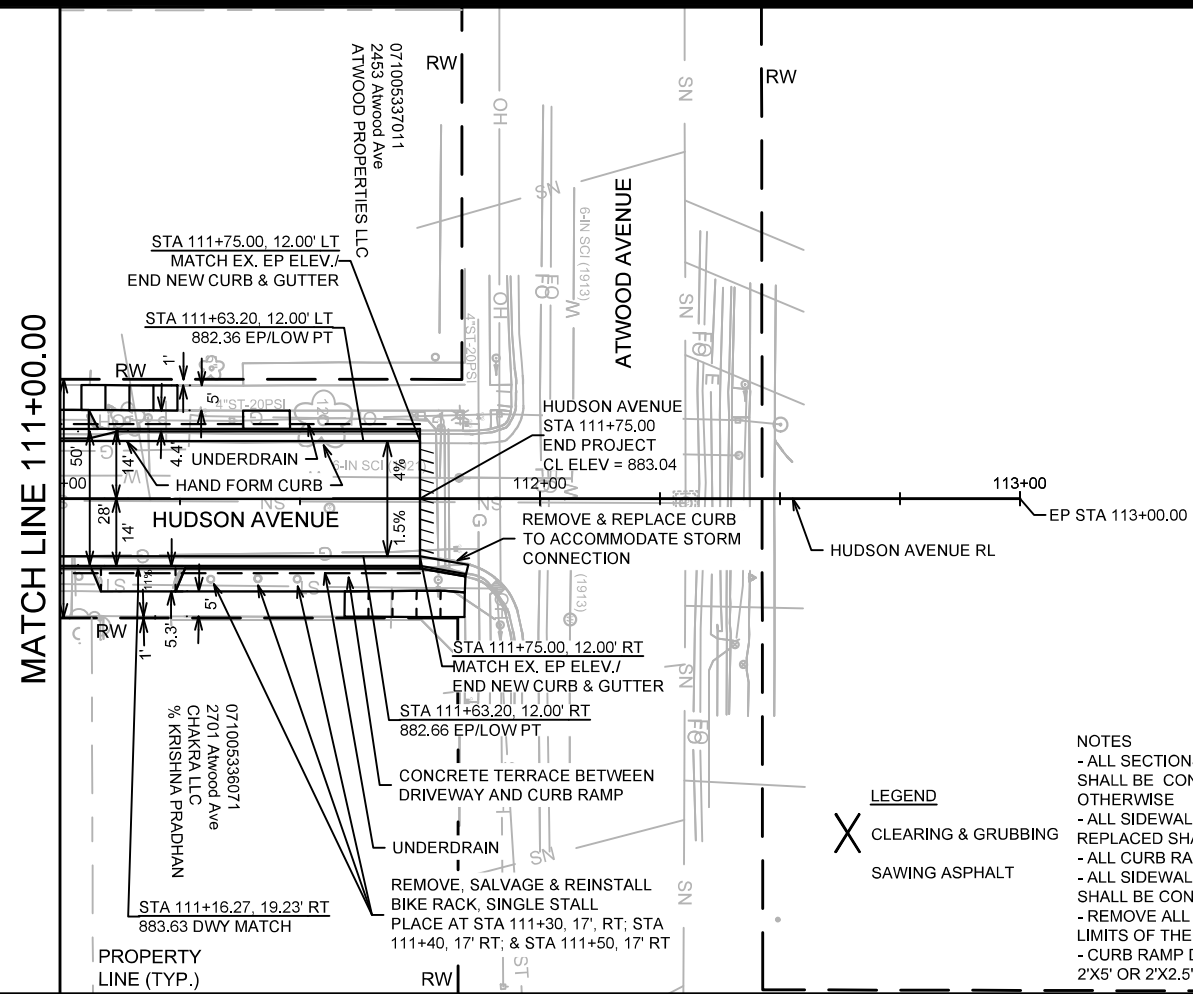
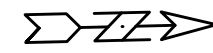
MATCH LINE 111+00.00

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14075
 HUDSON AVENUE PLAN AND PROFILE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI
 CONTRACT NO: 8659

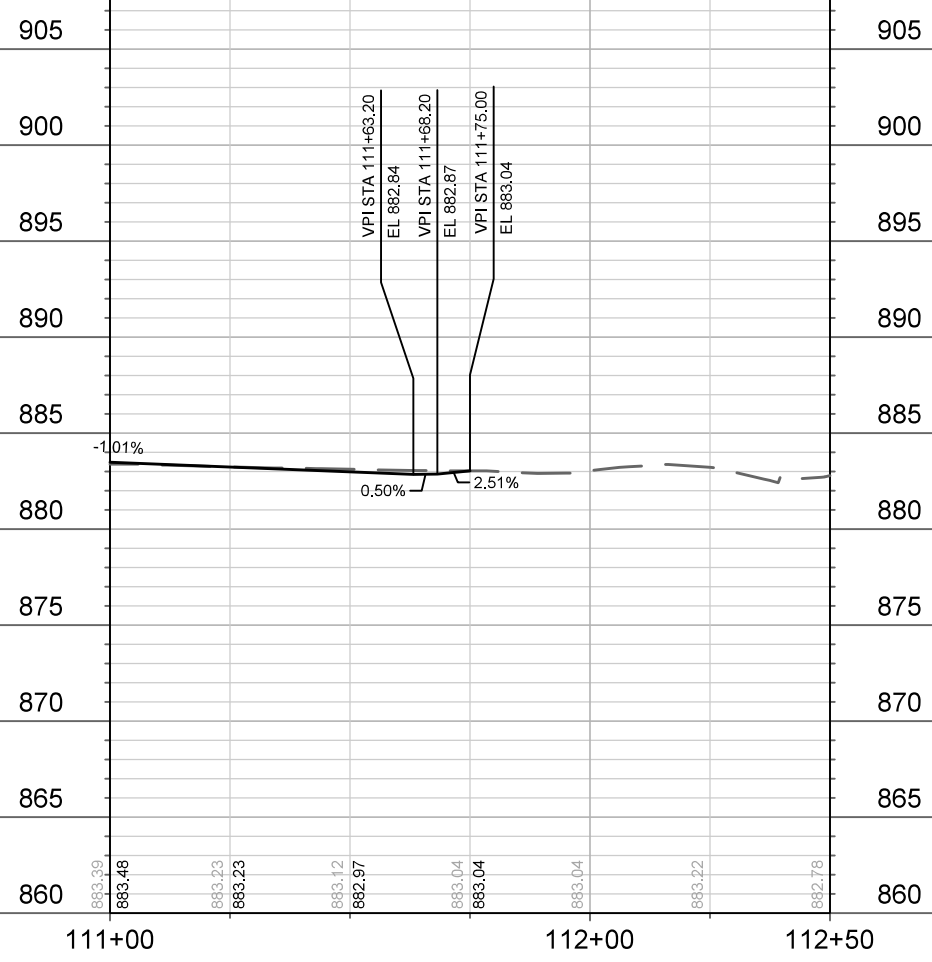
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 P-2



- LEGEND**
- X CLEARING & GRUBBING
 - SAWING ASPHALT

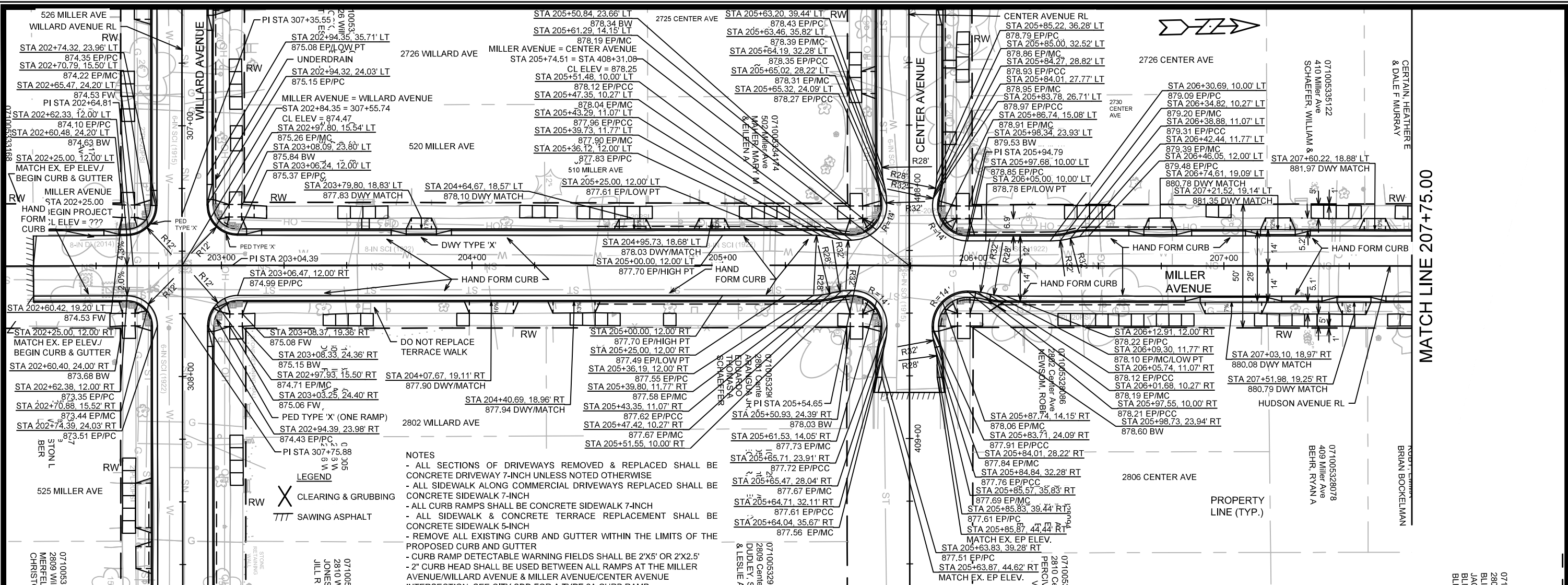
- NOTES**
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 - REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'



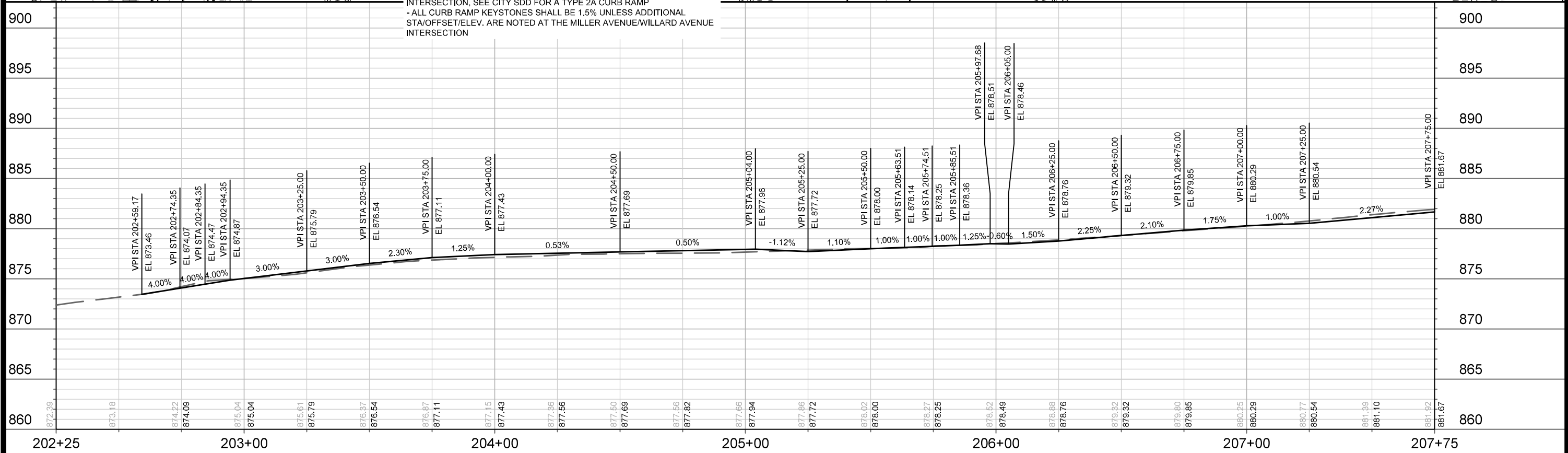
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 HUDSON AVENUE PLAN AND PROFILE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI
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 CONTRACT NO: 8659





- NOTES**
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 - ALL CURB RAMP KEYSTONES SHALL BE 1.5% UNLESS ADDITIONAL STA/OFFSET/ELEV. ARE NOTED AT THE MILLER AVENUE/WILLARD AVENUE INTERSECTION



MATCH LINE 207+75.00

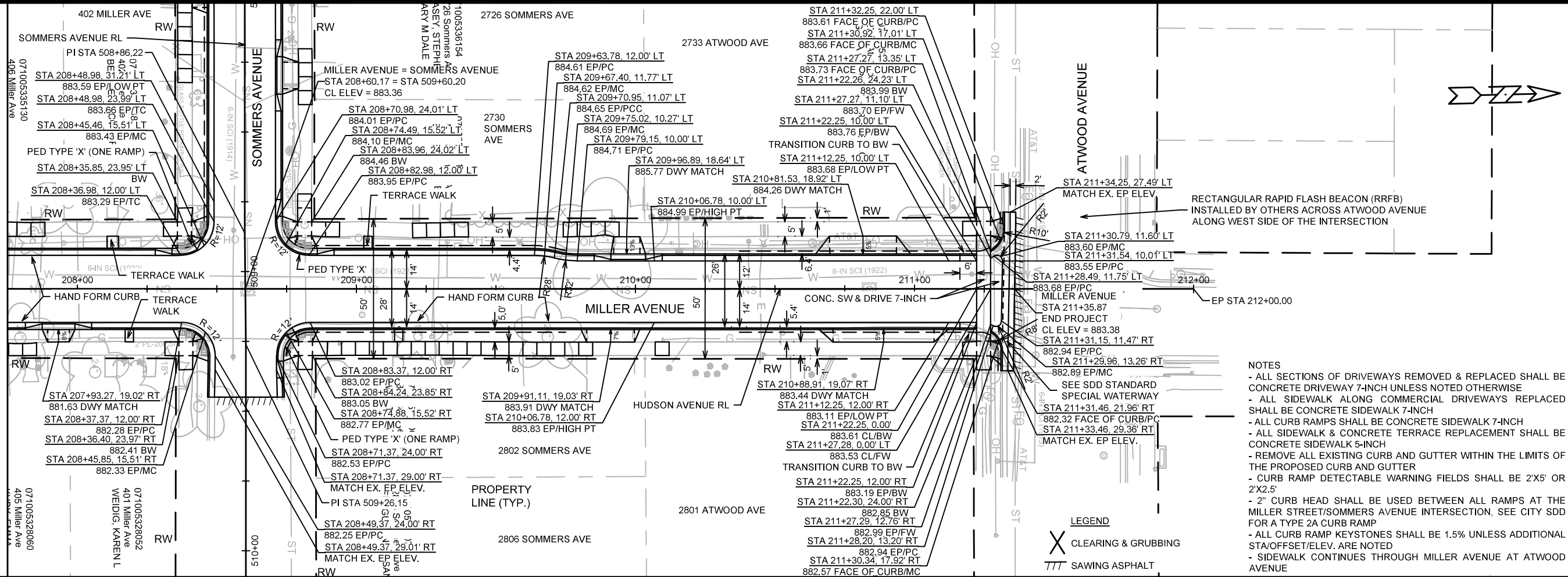
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14075
 MADISON, WI
 SOMMERS AVE, CENTER AVE, WILLARD AVE, MILLER AVE
 CONTRACT NO: 8659

MILLER AVENUE PLAN AND PROFILE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MILLER AVE, WI
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 P-4

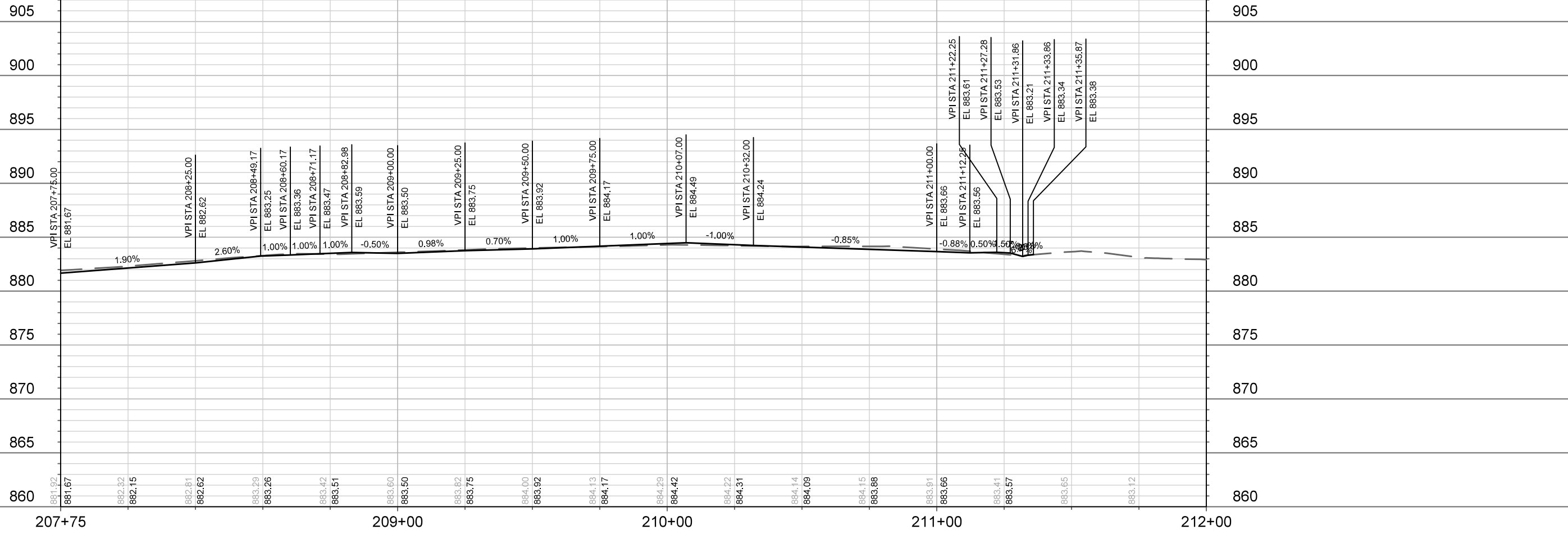
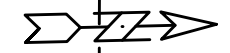


MATCH LINE 207+75.00

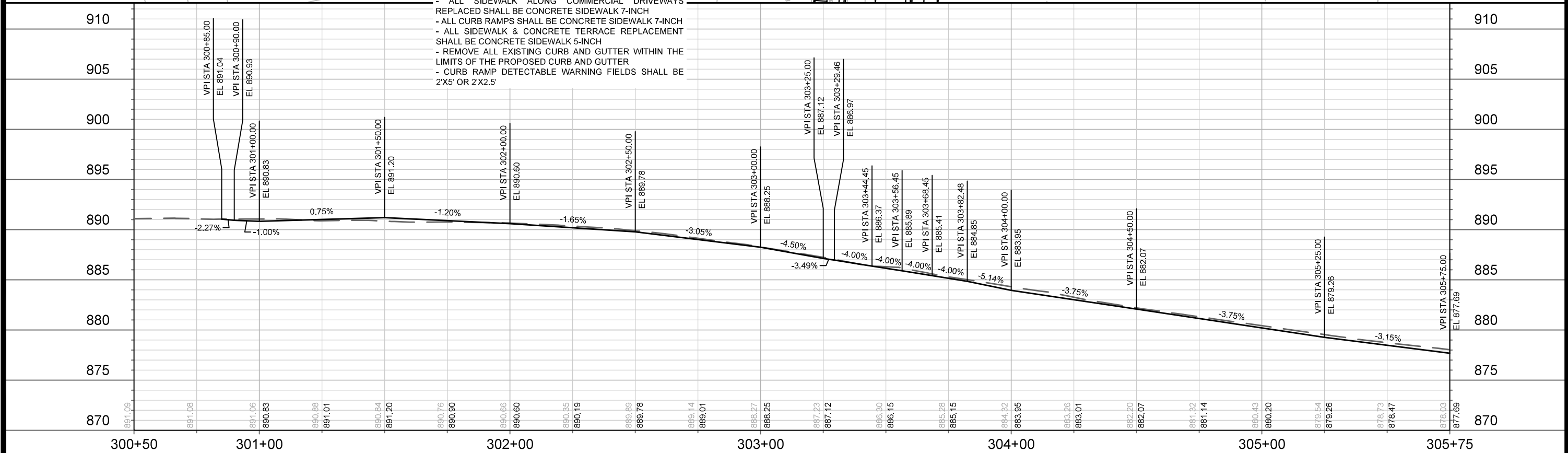
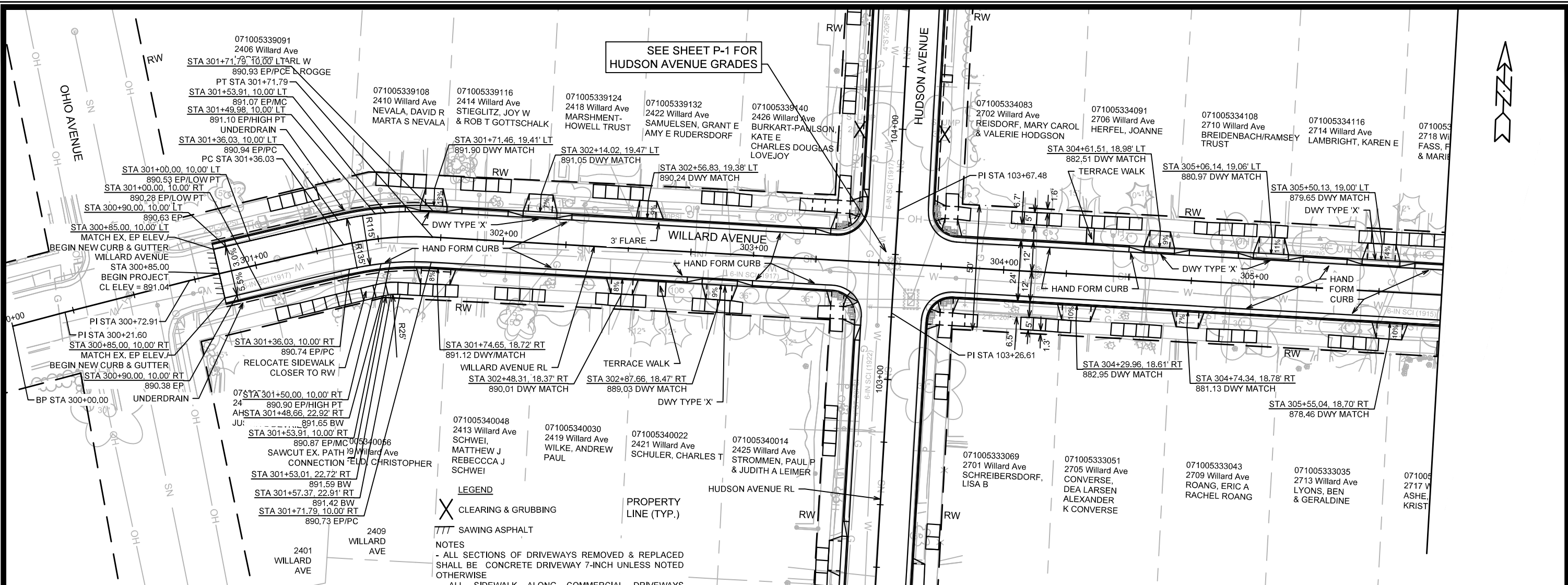


- NOTES
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 - ALL SIDEWALK ALONG COMMERCIAL DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL CURB RAMP SHALL BE CONCRETE SIDEWALK 7-INCH
 - ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
 - REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'
 - 2" CURB HEAD SHALL BE USED BETWEEN ALL RAMPS AT THE MILLER STREET/SOMMERS AVENUE INTERSECTION, SEE CITY SDD FOR A TYPE 2A CURB RAMP
 - ALL CURB RAMP KEYSTONES SHALL BE 1.5% UNLESS ADDITIONAL STA/OFFSET/ELEV. ARE NOTED
 - SIDEWALK CONTINUES THROUGH MILLER AVENUE AT ATWOOD AVENUE

- LEGEND
- X CLEARING & GRUBBING
 - /// SAWING ASPHALT



14075	8659	CONTRACT NO.
MILLER AVENUE PLAN AND PROFILE	14075	MADISON, WI
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE	14075	14075
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CITY OF MADISON WISCONSIN	14075	P-5



LEGEND

X CLEARING & GRUBBING

/// SAWING ASPHALT

NOTES

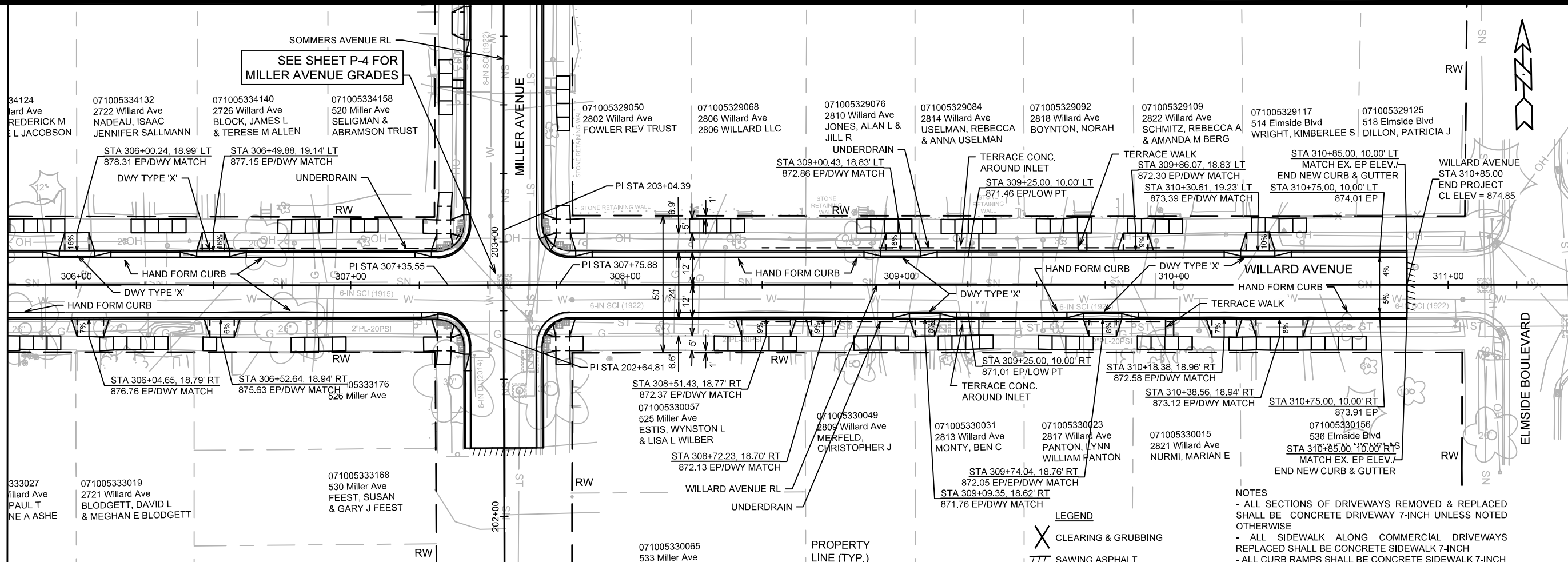
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- CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'

PROPERTY LINE (TYP.)

SEE SHEET P-1 FOR HUDSON AVENUE GRADES

14075	14075	8659	CONTRACT NO:
WILLARD AVENUE PLAN AND PROFILE			
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI			
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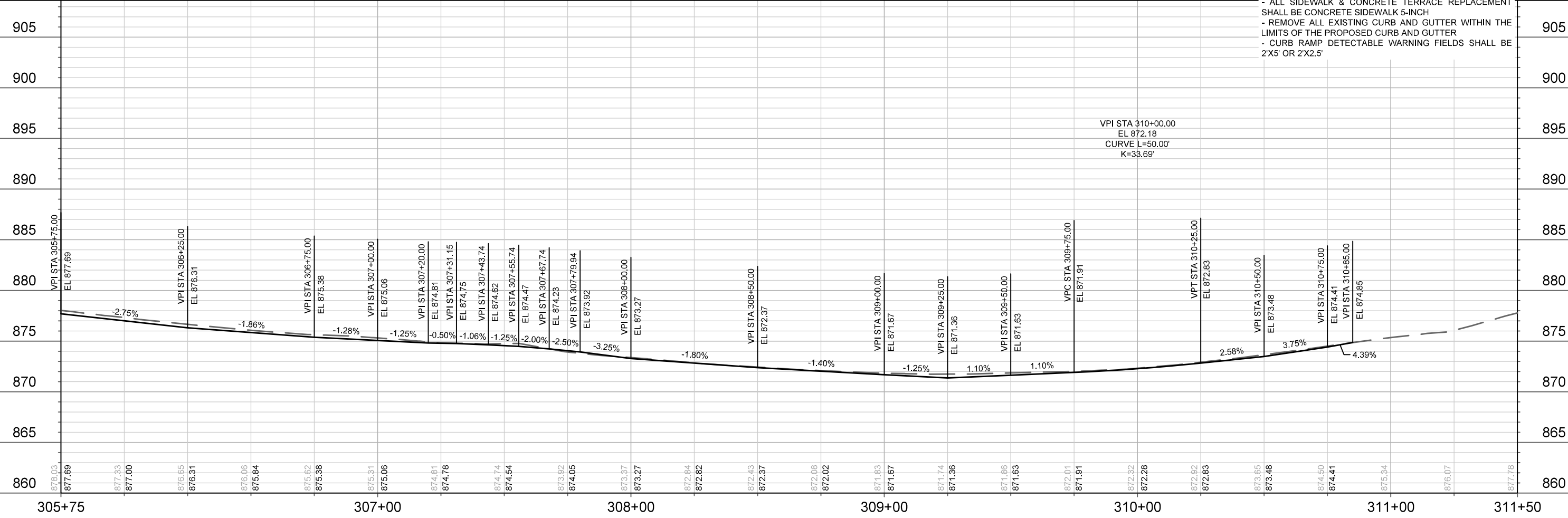
MATCH LINE 305+75.00



SEE SHEET P-4 FOR MILLER AVENUE GRADES

- NOTES
- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS NOTED OTHERWISE
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 - ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 7-INCH
 - REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER
 - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'

- LEGEND
- X CLEARING & GRUBBING
 - /// SAWING ASPHALT



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14075

MADISON, WI

8659

CONTRACT NO:

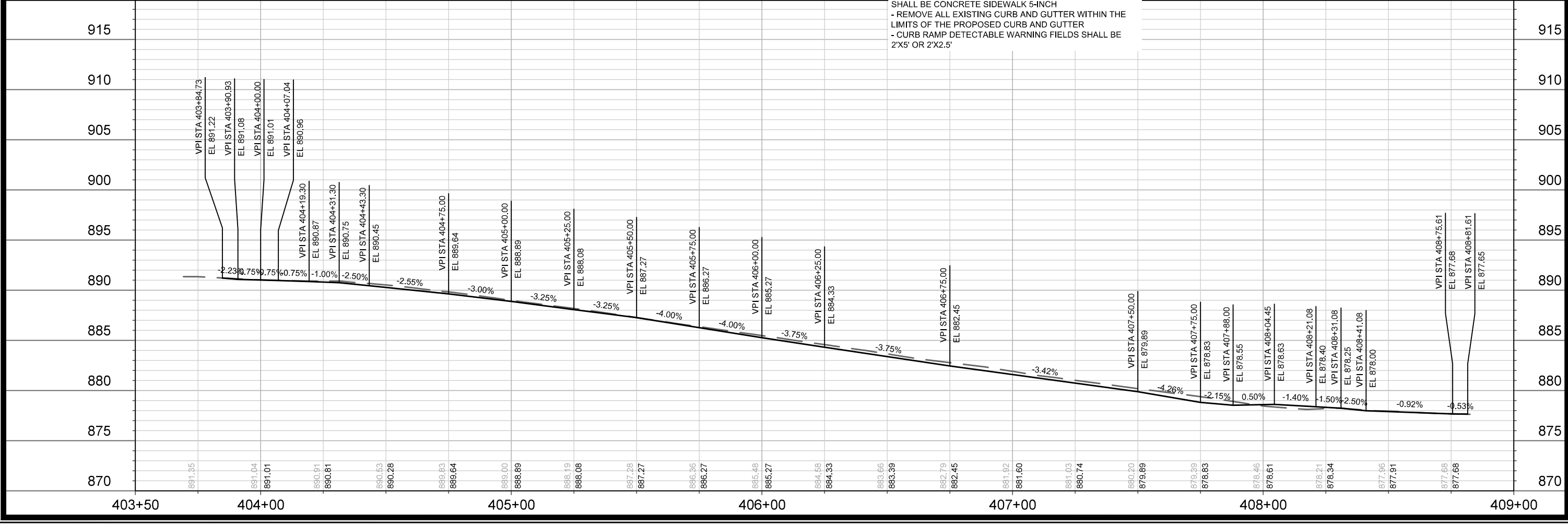
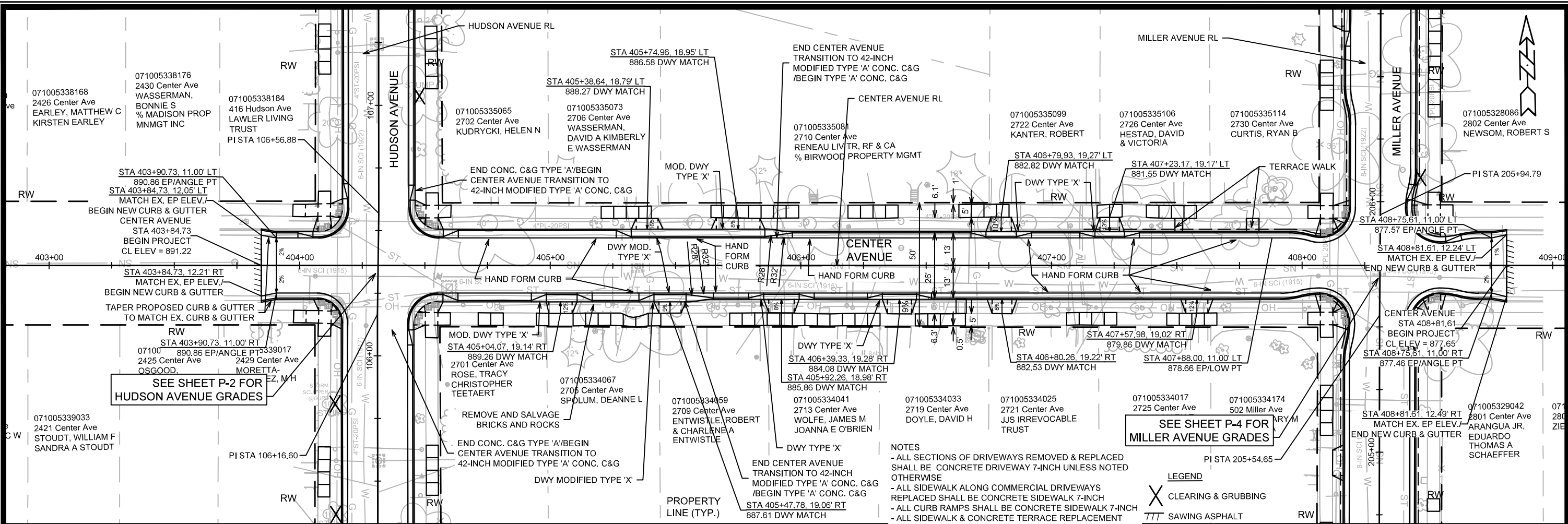
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P-7

City of Madison Wisconsin

14075

P-7



NOTES

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- ALL SIDEWALK ALONG COMMERCIAL DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
- REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER
- CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'

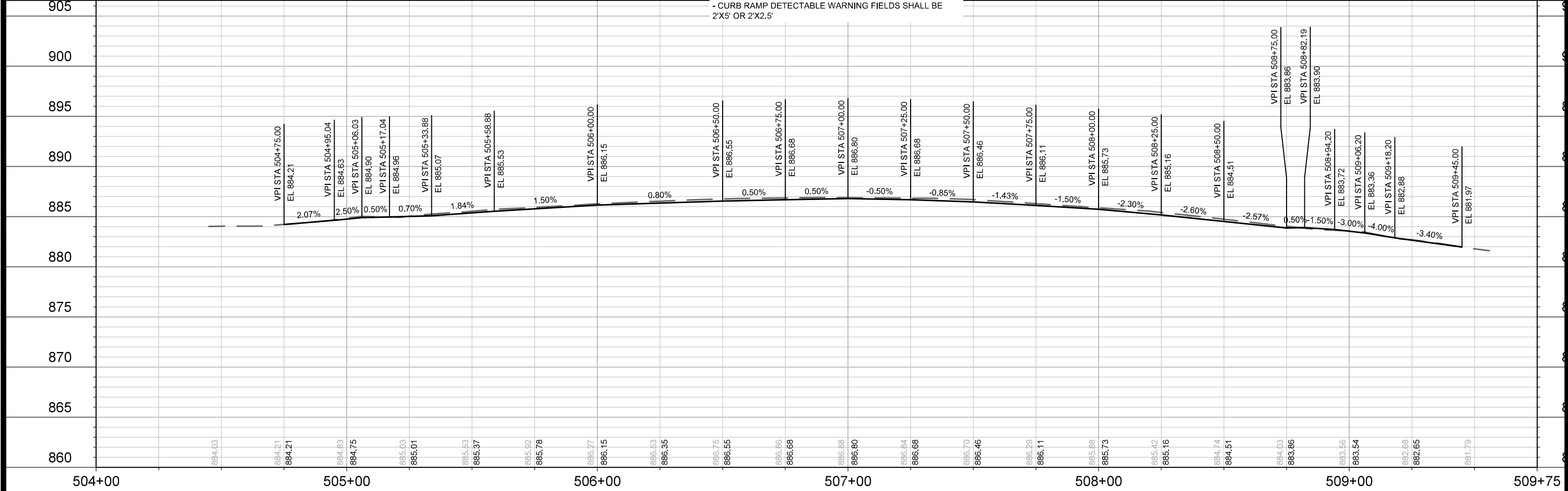
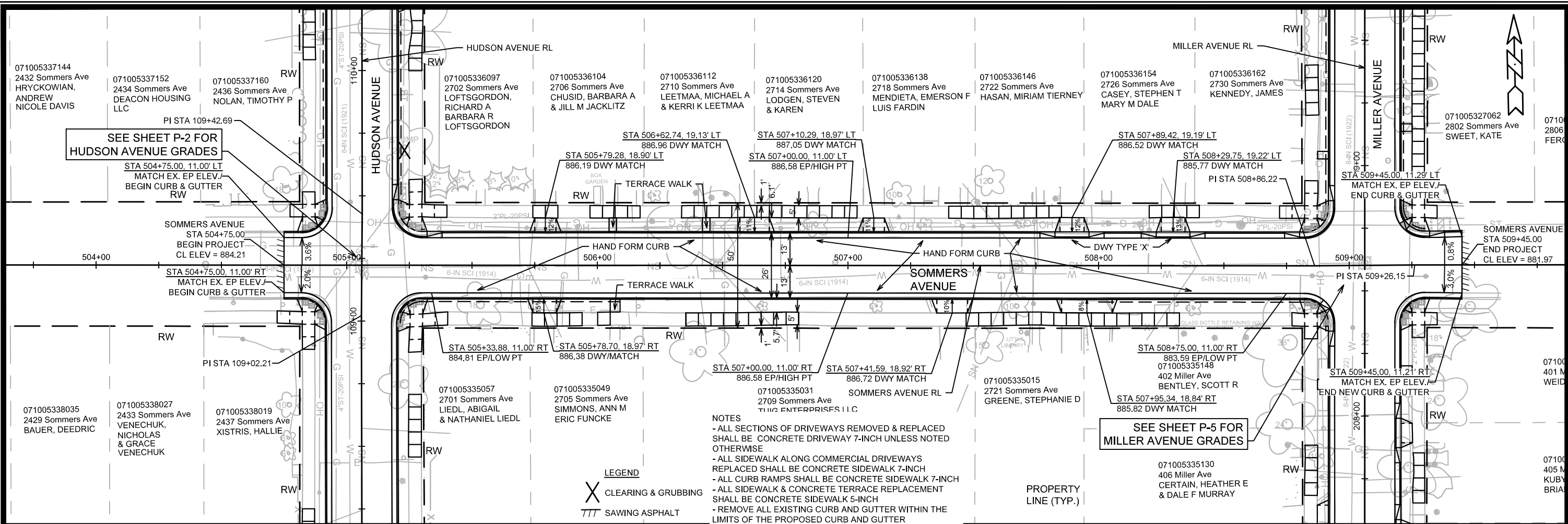
LEGEND

- X CLEARING & GRUBBING
- /// SAWING ASPHALT

SEE SHEET P-4 FOR MILLER AVENUE GRADES

SEE SHEET P-2 FOR HUDSON AVENUE GRADES

14075	8659	CONTRACT NO.:
CENTER AVENUE PLAN & PROFILE HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI		
M:\DESIGN\Projects\14075\CAD\Streets\14075EN-PinP\CenterAve.dwg		
14075	P-8	



NOTES

- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS NOTED OTHERWISE
- ALL SIDEWALK ALONG COMMERCIAL DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
- ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
- REMOVE ALL EXISTING CURB AND GUTTER WITHIN THE LIMITS OF THE PROPOSED CURB AND GUTTER
- CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'

LEGEND

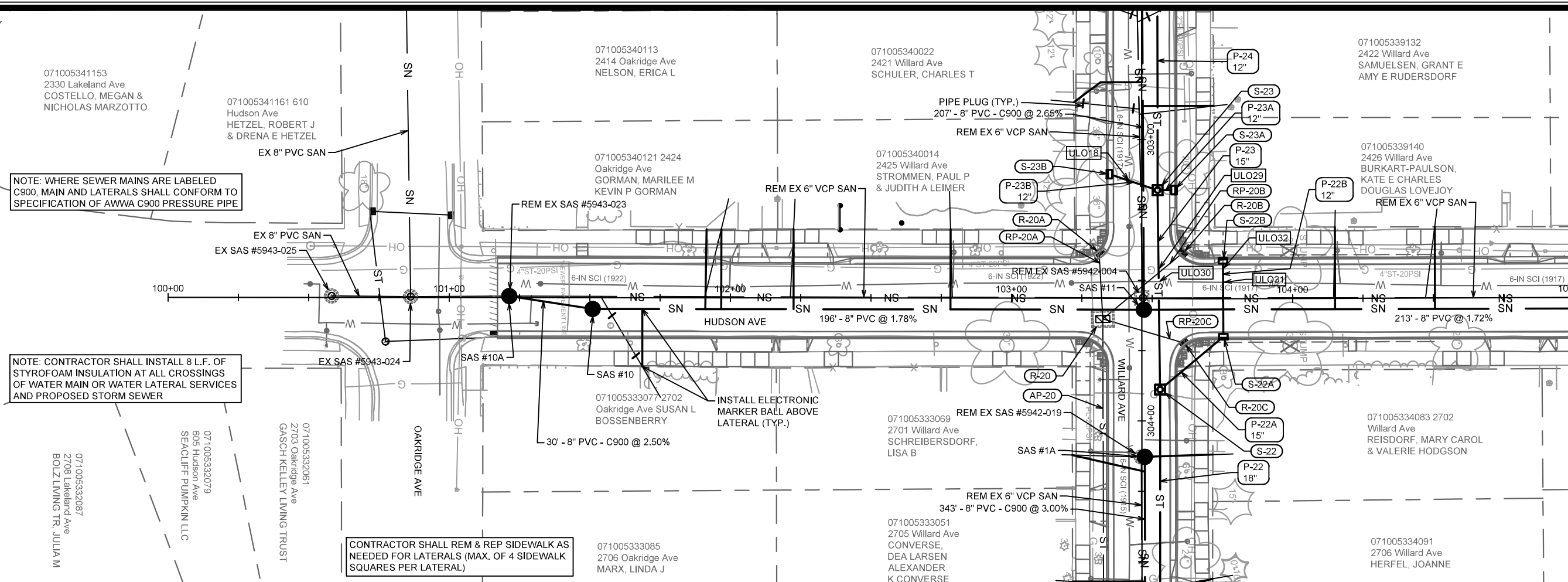
- X CLEARING & GRUBBING
- /// SAWING ASPHALT

SEE SHEET P-5 FOR MILLER AVENUE GRADES

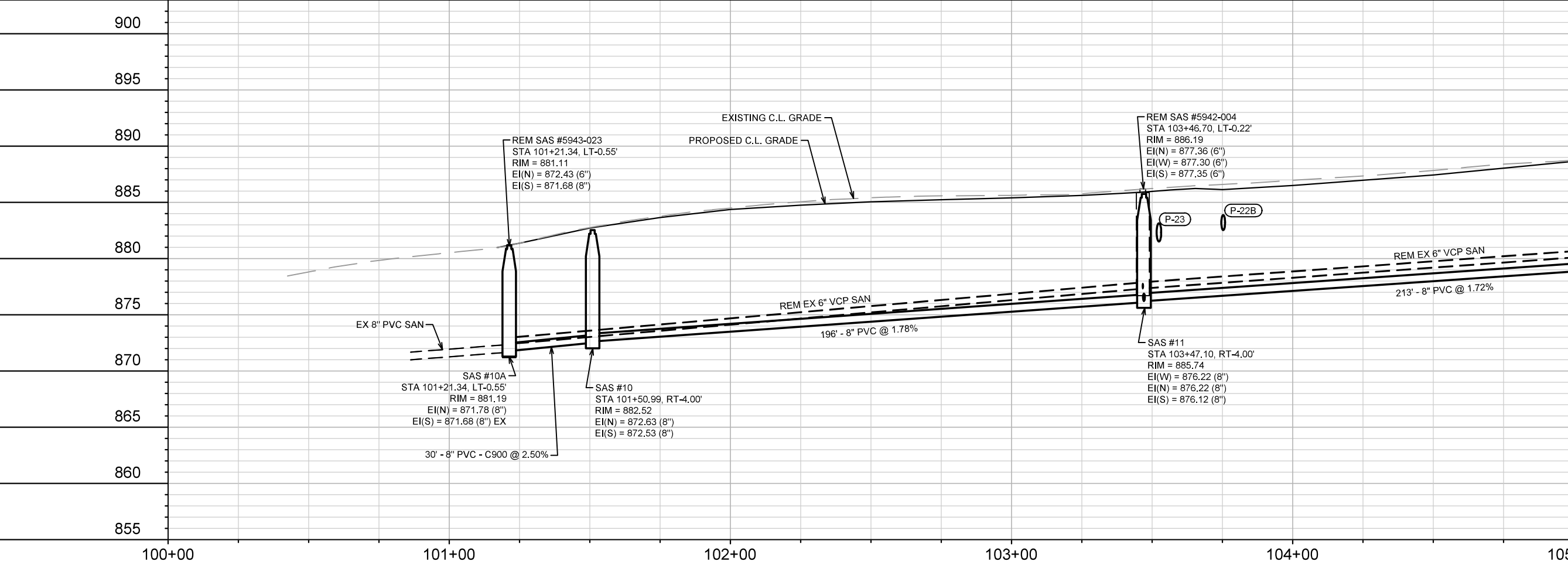
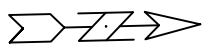
SEE SHEET P-2 FOR HUDSON AVENUE GRADES

14075
 SOMMERS AVENUE PLAN AND PROFILE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI
 CONTRACT NO: 8659
 P-9

City of Madison Wisconsin logo



MATCH LINE 105+00.00



DATE	BY	U-1
REVISION	SCALE: #####	
MARK	DESIGNED BY: AJZ	DATE: 6/27/2023 9:47 AM
14075	14075	

14075
SEWER PLAN AND PROFILE - HUDSON AVE
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI
CONTRACT NO.: 8659
U-1

M:\DESIGN\Projects\14075\CAD\Sewers\14075SWR-PipeNetwork.dwg

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SIDEWALK SQUARES PER LATERAL)

071005339025
2425 Center Ave
OSGOOD,
CAROLINE
GRANT POKOS

071005338176
2430 Center Ave
WASSERMAN,
BONNIE S
% MADISON PROP
MNGMT INC

071005338027
2433 Sommers Ave
VENECHUK,
NICHOLAS
& GRACE
VENECHUK

071005337152
2434 Sommers Ave
DEACON HOUSING
LLC

071005339017
2429 Center Ave
MORETTA-
VASQUEZ, M H

071005338184
416 Hudson Ave
LAWLER LIVING
RUST

071005338019
2437 Sommers Ave
XISTRIS, HALLIE

071005337160
2436 Sommers Ave
NOLAN, TIMOTHY P

071005334075
2701 Center Ave
ROSE, TRACY
CHRISTOPHER TEETAERT

071005335065
2702 Center Ave
KUDRYCKI, HELEN N

071005335057
2701 Sommers Ave
LIEDL, ABIGAIL
& NATHANIEL LIEDL

071005336097
2702 Sommers Ave
LOFTSGORDON,
RICHARD A
BARBARA R
LOFTSGORDON

071005334067
2705 Center Ave
SPOLUM, DEANNE L

071005335073
2706 Center Ave
WASSERMAN,
DAVID A
KIMBERLY
E WASSERMAN

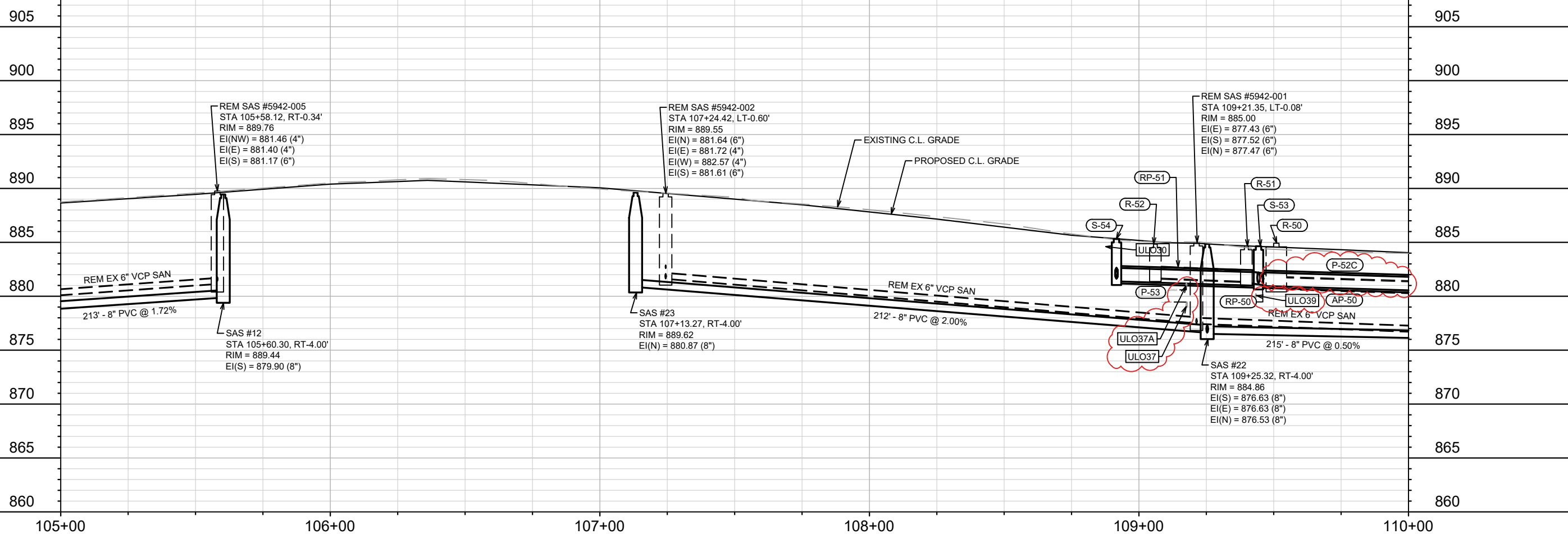
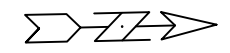
071005335049
2705 Sommers Ave
SIMMONS, ANN M
ERIC FUNCKE

071005336104
2706 Sommers Ave
CHUSID, BARBARA A
& JILL M JACKLITZ

NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

MATCH LINE 105+00.00

MATCH LINE 110+00.00



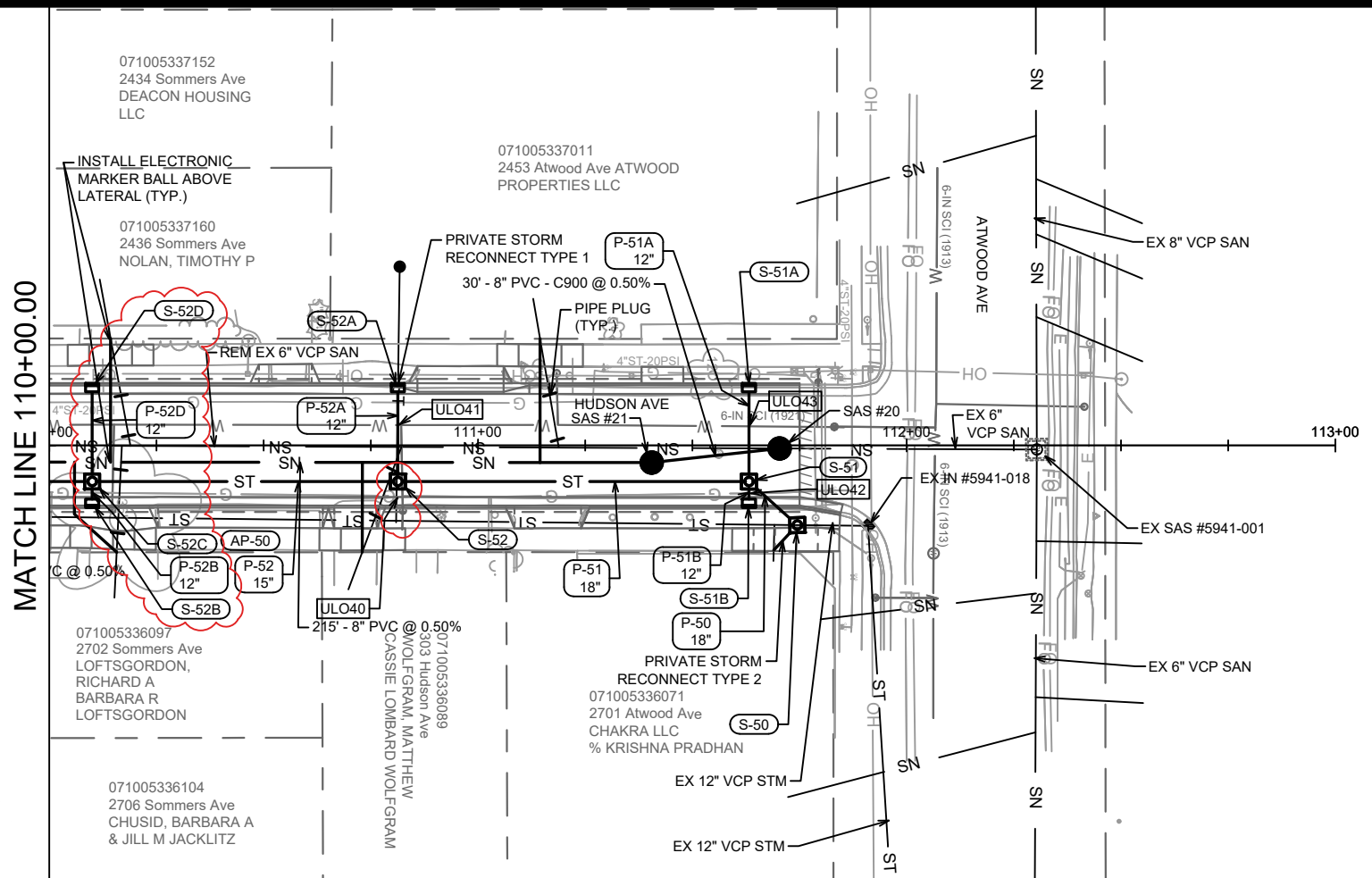
NO.	DESCRIPTION	DATE	BY
3	STORM SEWER	5/24/24	KDF
2	ULO INFO ADDED	4/4/24	KDF
1	REVISION		

Scale: #####
Designed By: ALZ
Date: 5/24/2024 6:52 AM
14075

14075
MADISON, WI
SOMMERS AVE, CENTER AVE, WILLARD AVE, MILLER AVE, HUDSON AVE
CONTRACT NO.: 8659
M:\DESIGN\Projects\14075\CAD\Sewers\14075SWR-PipeNetwork.dwg



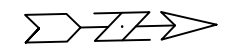
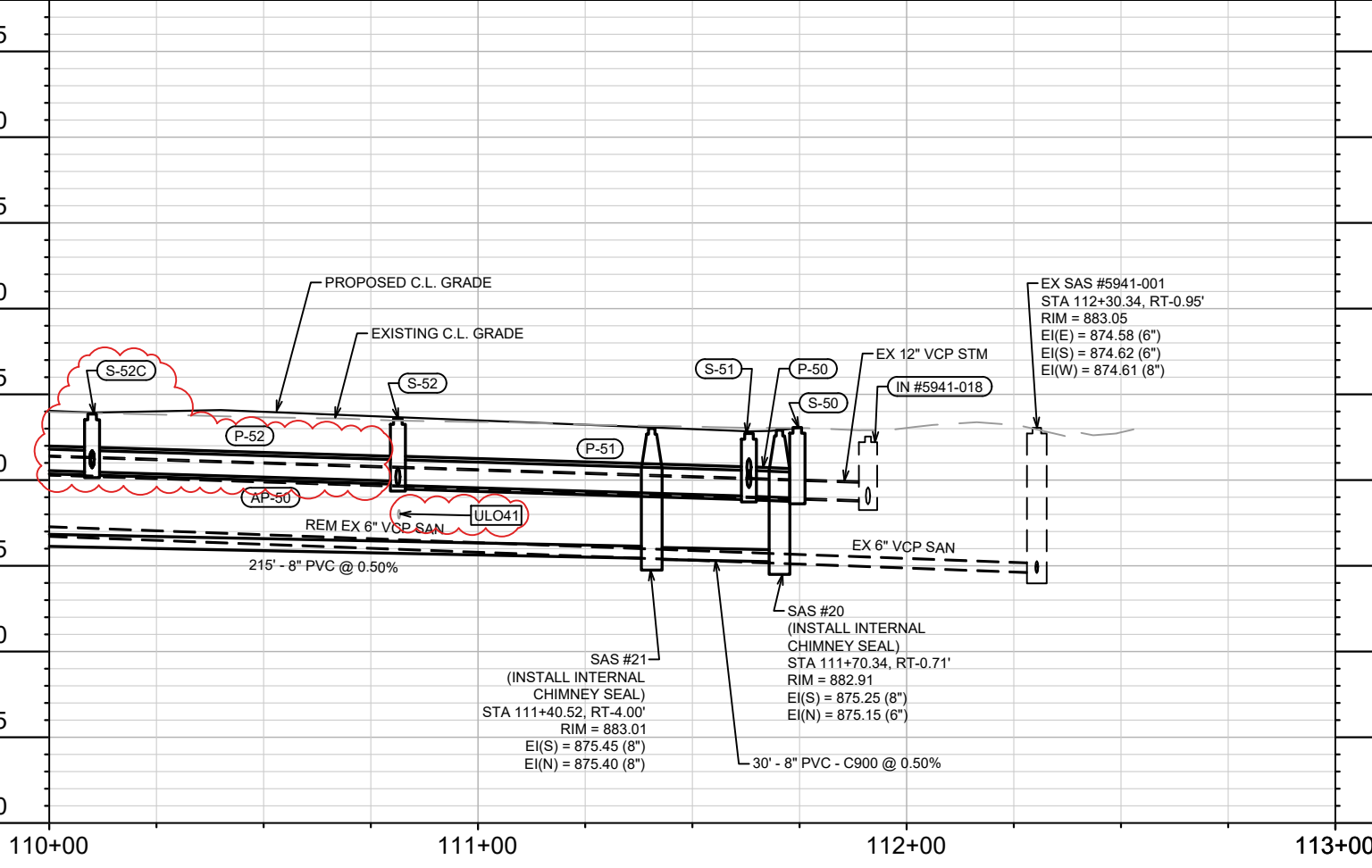
14075
U-2



NOTE: WHERE SEWER MAINS ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATION OF AWWA C900 PRESSURE PIPE

NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SIDEWALK SQUARES PER LATERAL)



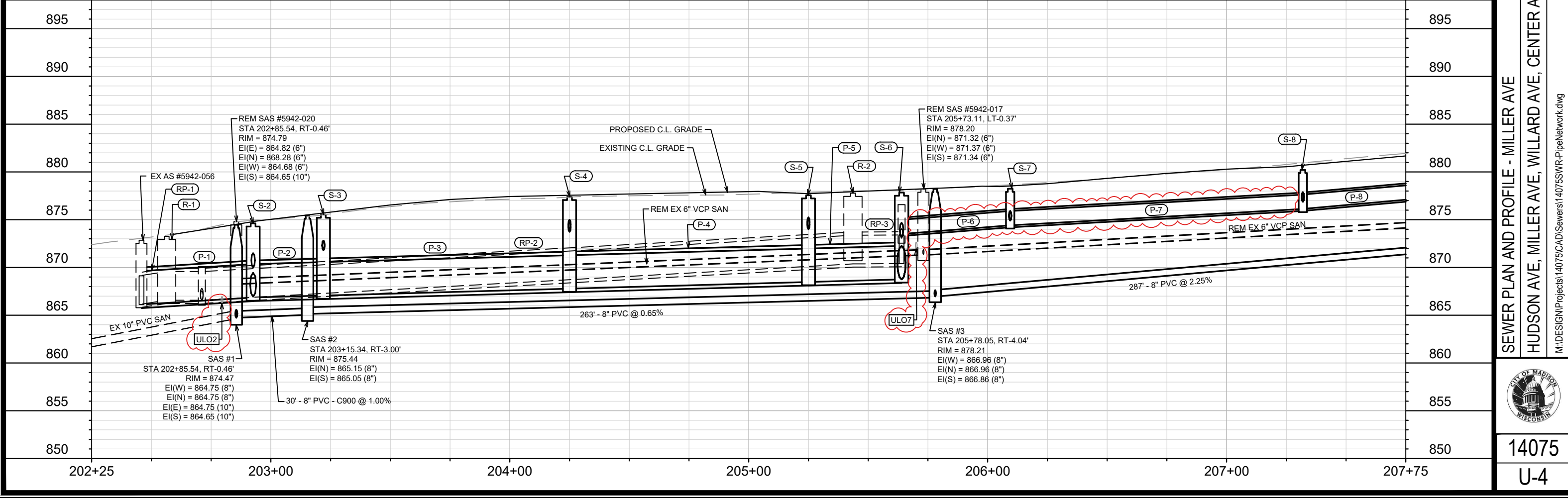
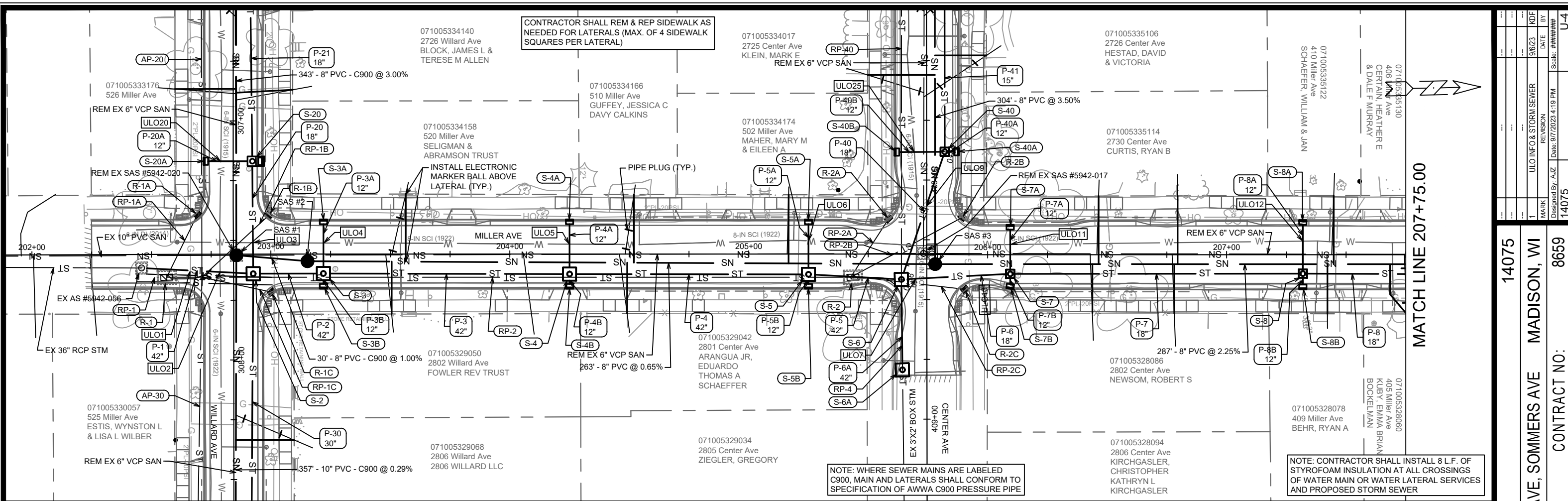
3	STORM SEWER	5/24/24	KDF
2	ULO INFO ADDED	4/4/24	KDF
1	REVISION		
DESIGNED BY:	ALZ	DATE:	5/24/2024 6:51 AM
SCALE:	14075	BY:	U-3

14075
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI
 CONTRACT NO: 8659

SEWER PLAN AND PROFILE - HUDSON AVE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI
 M:\DESIGN\Projects\14075\CAD\Sewers\14075SWR-PipeNetwork.dwg



14075
 U-3



REVISION	DATE	BY
U-4	9/6/23	KDF

Scale: #/###/###

Designed By: ALZ
Date: 9/7/2023 4:19 PM

14075

14075

8659

CONTRACT NO:

14075

SEWER PLAN AND PROFILE - MILLER AVE

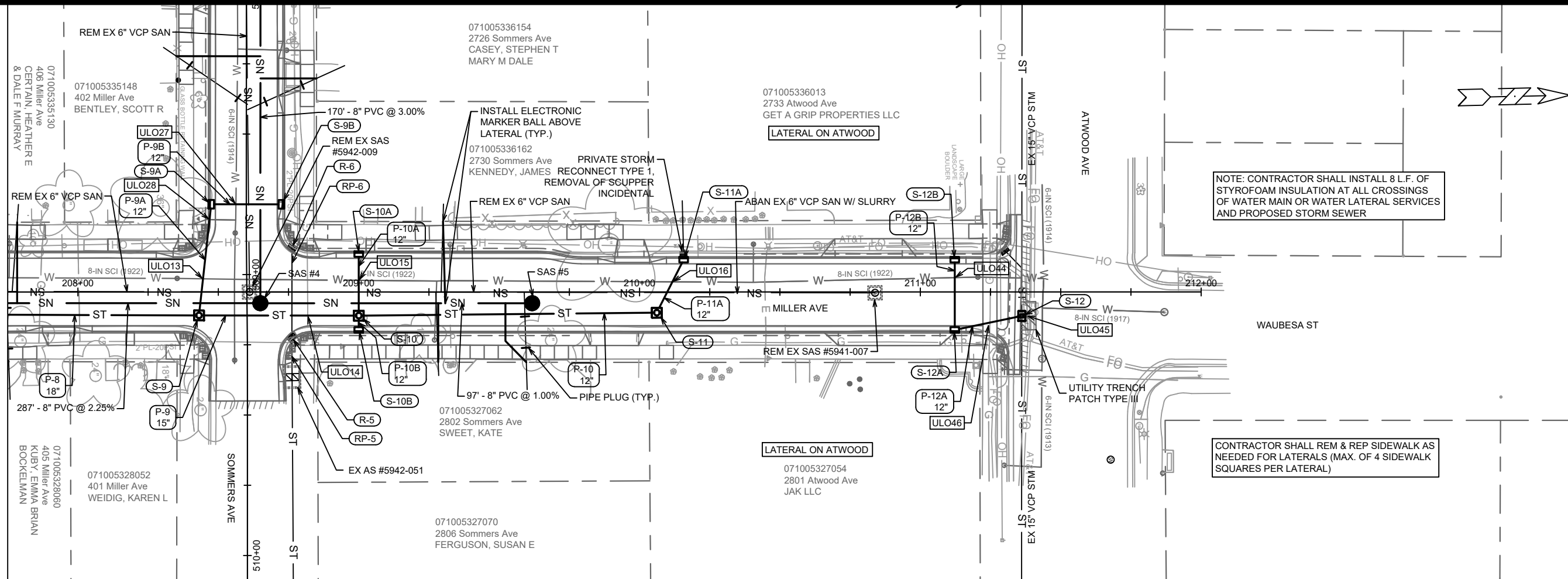
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE

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14075

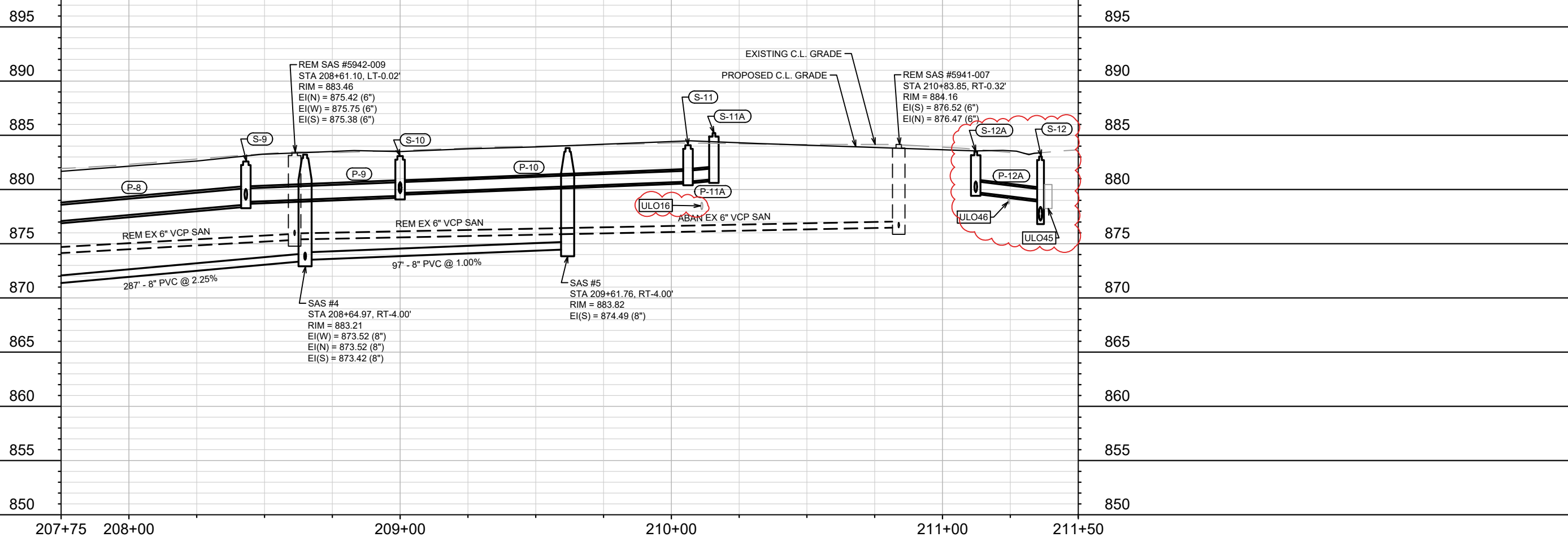
U-4

MATCH LINE 207+75.00



NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SIDEWALK SQUARES PER LATERAL)



DATE	9/6/23	BY	KDF
REVISION			
U-5			

14075
 8659
 CONTRACT NO:

SEWER PLAN AND PROFILE - MILLER AVE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI

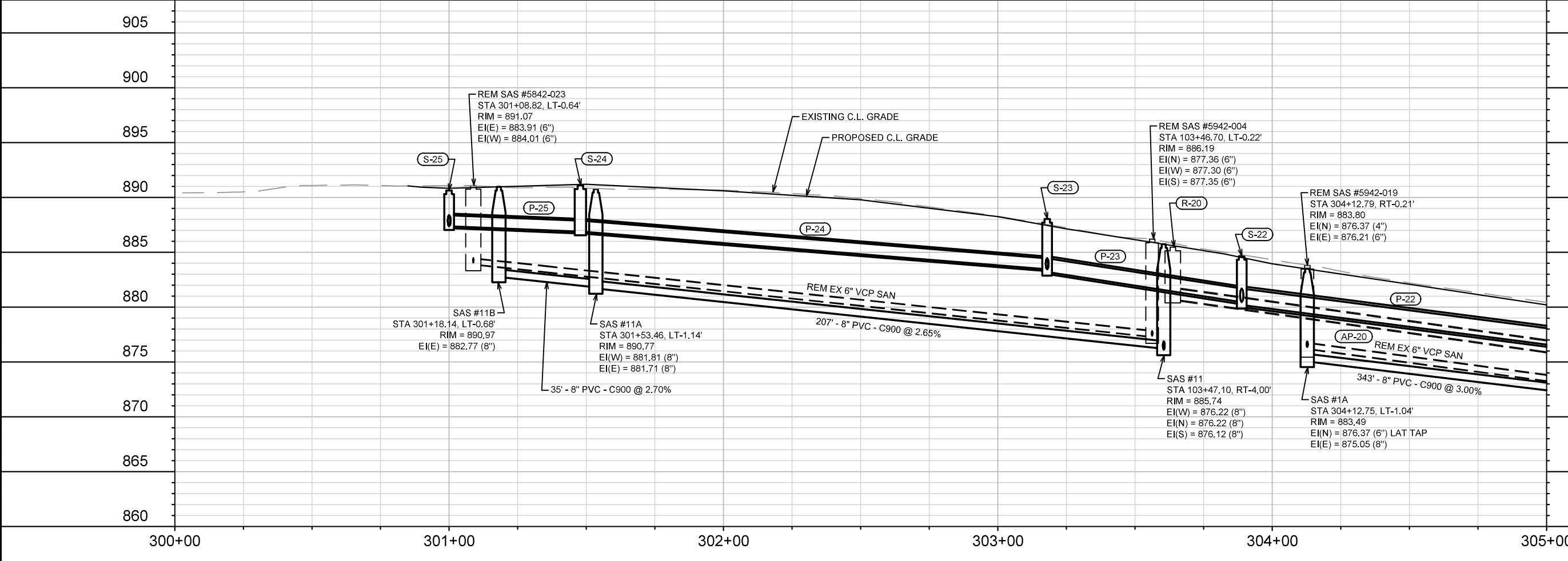
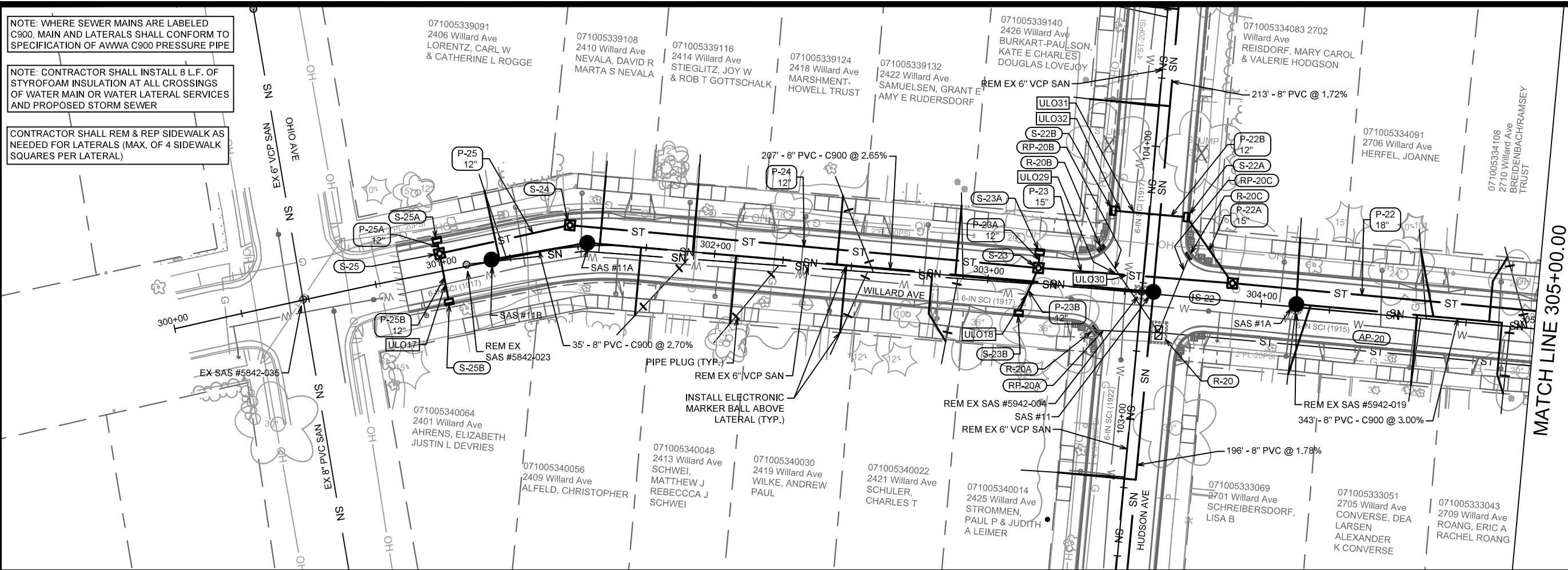


14075
 U-5

NOTE: WHERE SEWER MAINS ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATION OF AWWA C900 PRESSURE PIPE

NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SIDEWALK SQUARES PER LATERAL)



MARK	REVISION	DATE	BY
14075	U-6	6/27/2023 9:48 AM	U-6

14075
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI
 CONTRACT NO: 8659



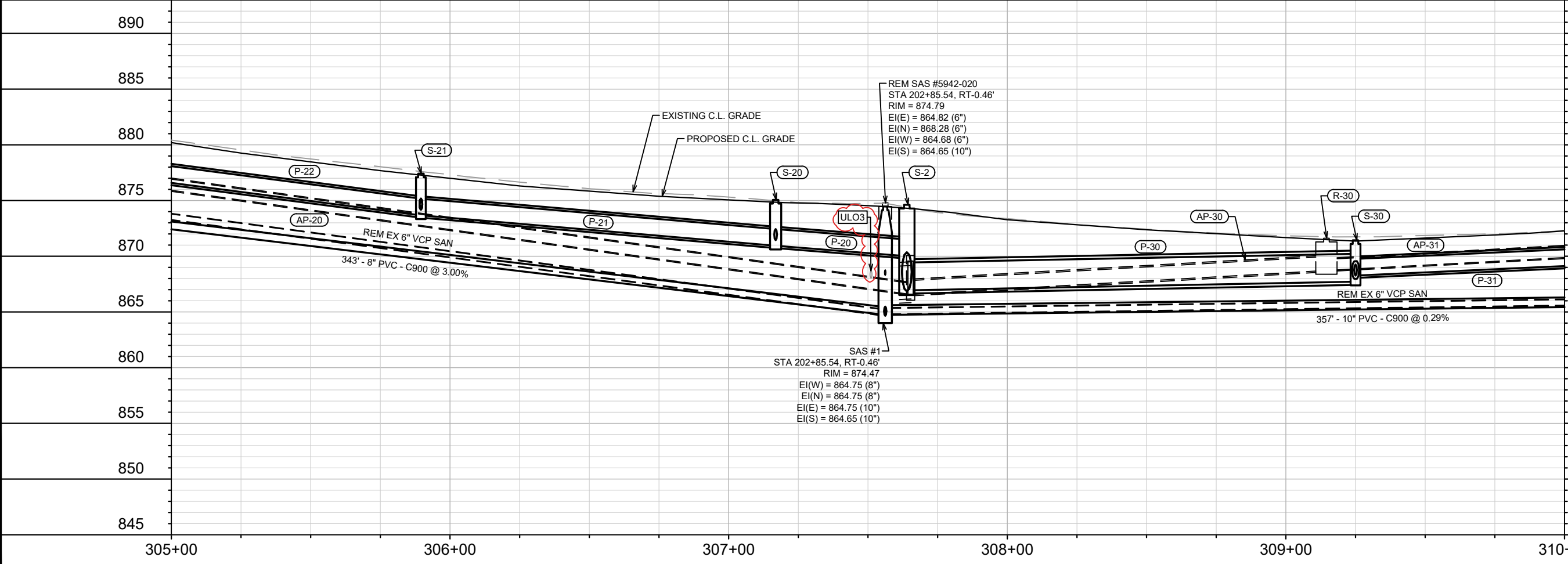
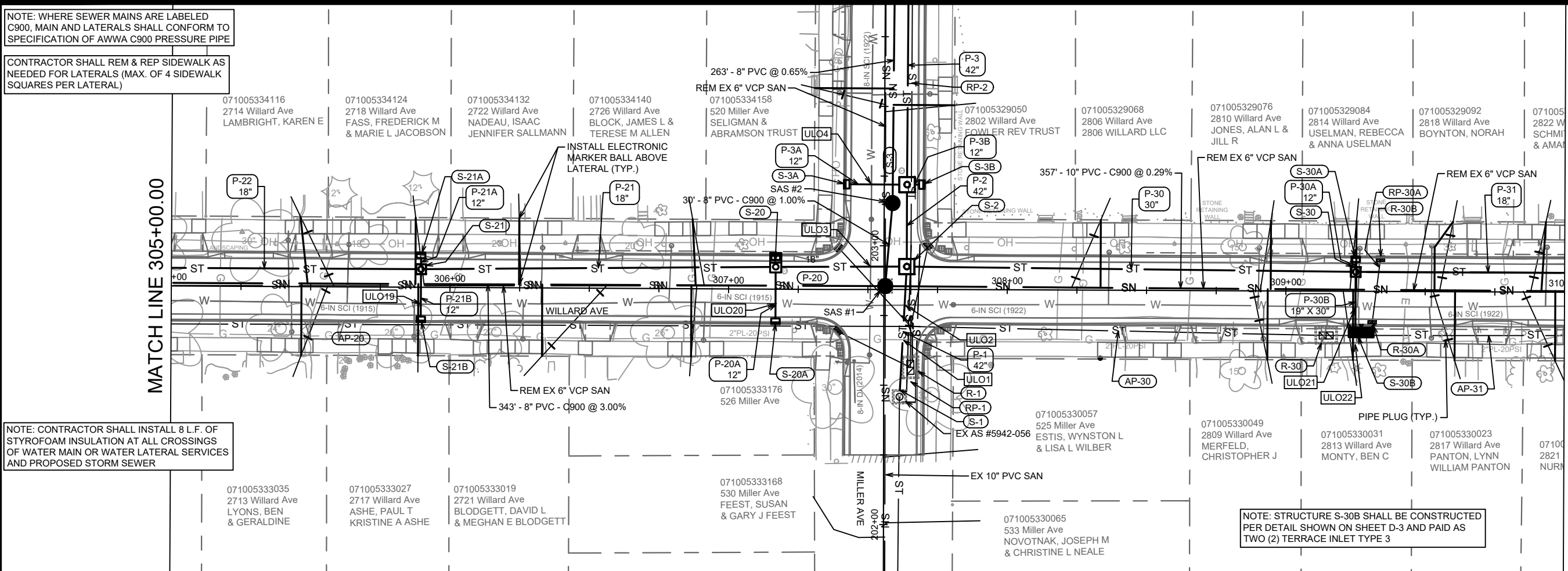
14075
 U-6

NOTE: WHERE SEWER MAINS ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATION OF AWWA C900 PRESSURE PIPE

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SIDEWALK SQUARES PER LATERAL)

NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

NOTE: STRUCTURE S-30B SHALL BE CONSTRUCTED PER DETAIL SHOWN ON SHEET D-3 AND PAID AS TWO (2) TERRACE INLET TYPE 3



SAS #1
 STA 202+85.54, RT-0.46'
 RIM = 874.47
 EI(W) = 864.75 (8")
 EI(N) = 864.75 (8")
 EI(E) = 864.75 (10")
 EI(S) = 864.65 (10")

REM SAS #5942-020
 STA 202+85.54, RT-0.46'
 RIM = 874.79
 EI(E) = 864.82 (6")
 EI(N) = 868.28 (6")
 EI(W) = 864.68 (6")
 EI(S) = 864.65 (10")

MARK	U-7	DATE	9/6/23	BY	KDF
REVISION	14075	DATE	9/7/2023	BY	U-7

14075
 8659
 CONTRACT NO:
 MADISON, WI
 SOMMERS AVE, CENTER AVE, WILLARD AVE, MILLER AVE, HUDSON AVE

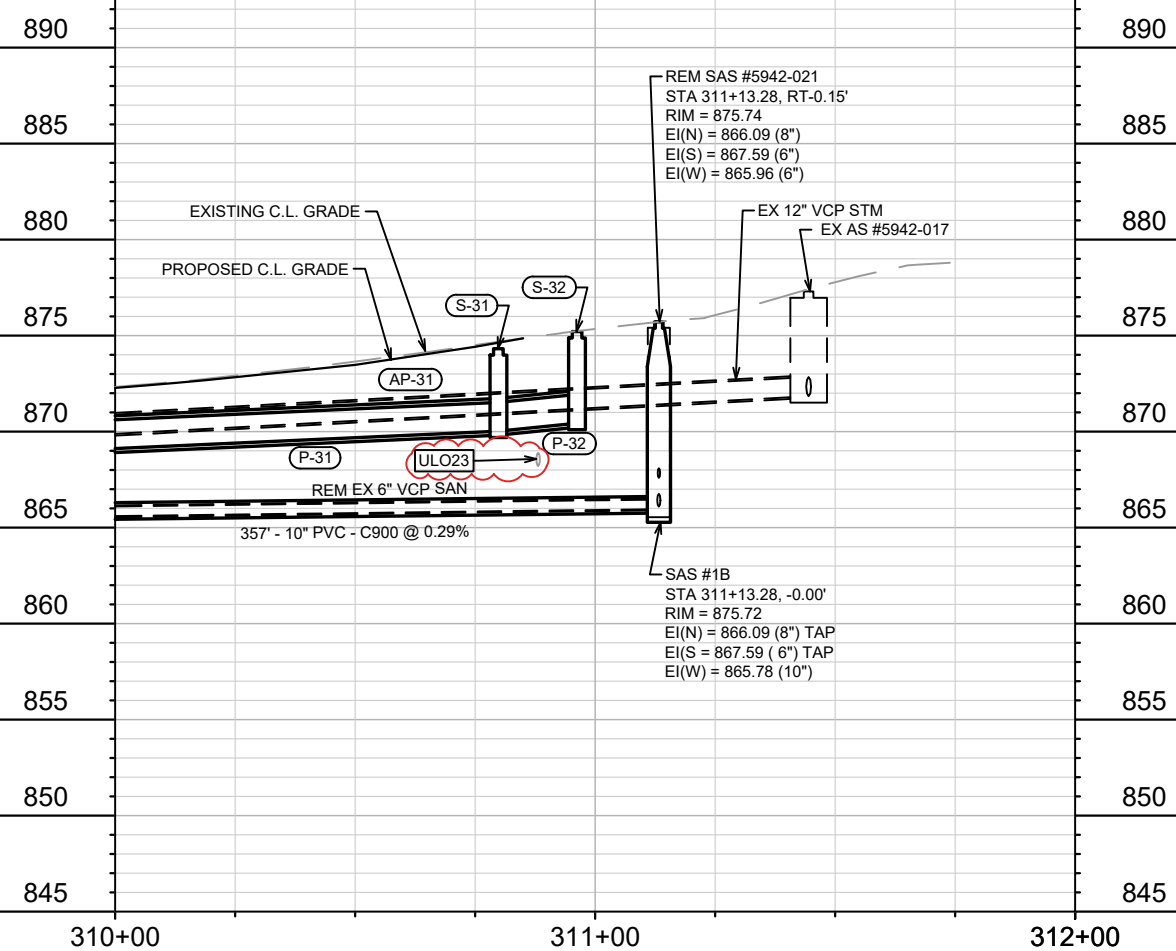
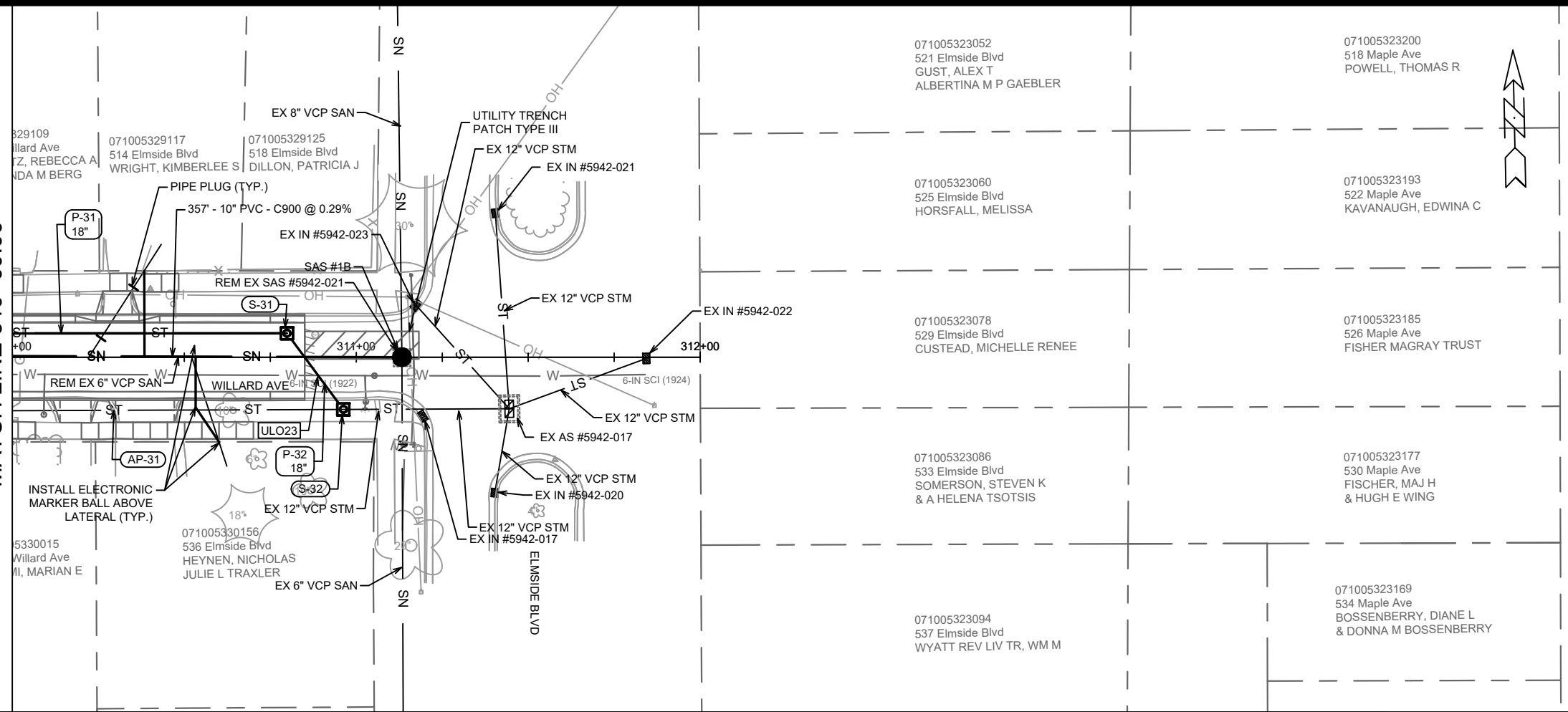
SEWER PLAN AND PROFILE - WILLARD AVE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI
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 14075
 U-7

NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SIDEWALK SQUARES PER LATERAL)

MATCH LINE 310+00.00



071005323052
521 Elmside Blvd
GUST, ALEX T
ALBERTINA M P GAEBLER

071005323200
518 Maple Ave
POWELL, THOMAS R

071005323060
525 Elmside Blvd
HORSFALL, MELISSA

071005323193
522 Maple Ave
KAVANAUGH, EDWINA C

071005323078
529 Elmside Blvd
CUSTEAD, MICHELLE RENEE

071005323185
526 Maple Ave
FISHER MAGRAY TRUST

071005323086
533 Elmside Blvd
SOMERSON, STEVEN K
& A HELENA TSOTSIS

071005323177
530 Maple Ave
FISCHER, MAJ H
& HUGH E WING

071005323094
537 Elmside Blvd
WYATT REV LIV TR, WM M

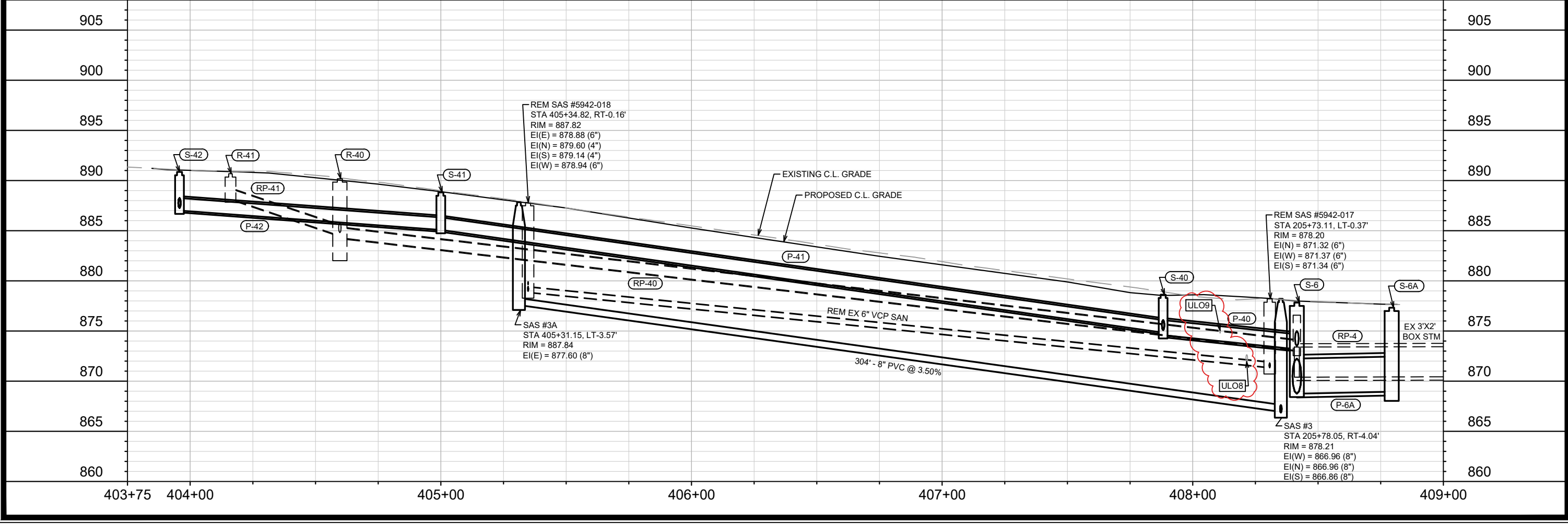
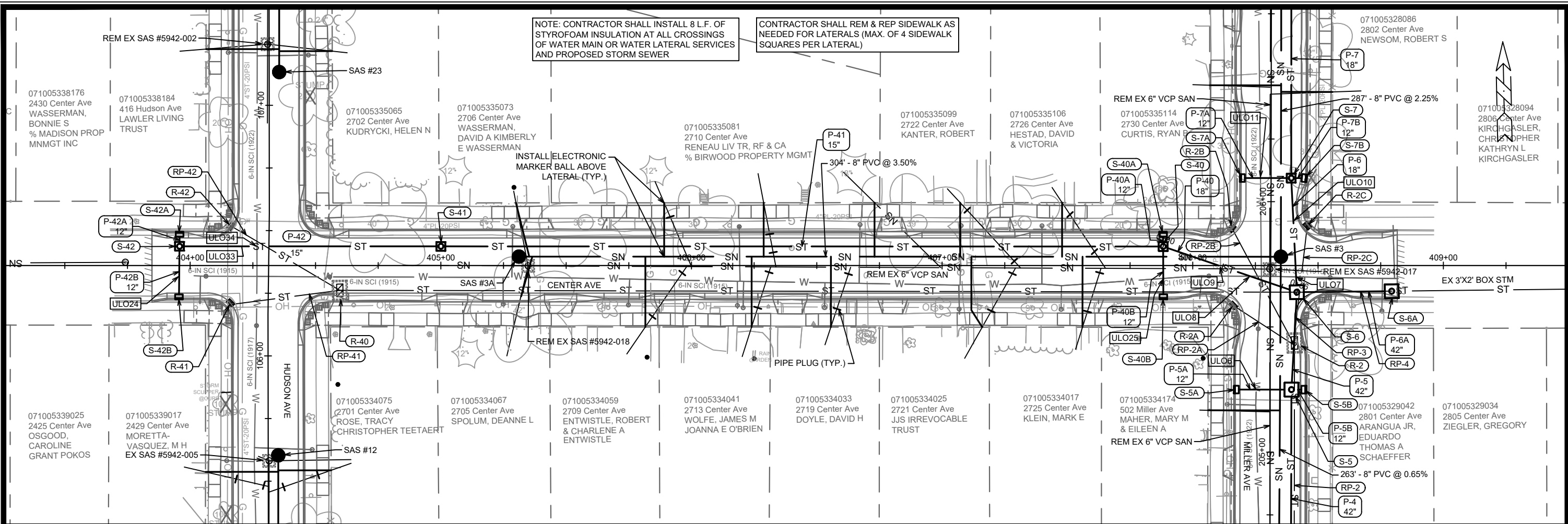
071005323169
534 Maple Ave
BOSSENBERRY, DIANE L
& DONNA M BOSSENBERRY

DATE	9/6/23	BY	KDF
REVISION			
Scale	#1/4" = 1' - 0"		
Designed By	ALZ	Date	9/7/2023 4:24 PM
MARK	14075	REVISION	
U-8			

14075
 SEWER PLAN AND PROFILE - WILLARD AVE
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI
 CONTRACT NO.: 8659
 M:\DESIGN\Projects\14075\CAD\Sewers\14075SWR-PipeNetwork.dwg



14075
U-8



14075

SEWER PLAN AND PROFILE - CENTER AVE

HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI

U-9

14075

8659

CONTRACT NO:

U-9

071005338176
2430 Center Ave
WASSERMAN,
BONNIE S
% MADISON PROP
MNGMT INC

071005338184
416 Hudson Ave
LAWLER LIVING
TRUST

071005335065
2702 Center Ave
KUDRYCKI, HELEN N

071005335073
2706 Center Ave
WASSERMAN,
DAVID A KIMBERLY
E WASSERMAN

071005335081
2710 Center Ave
RENEAU LIV TR, RF & CA
% BIRWOOD PROPERTY MGMT

071005335099
2722 Center Ave
KANTER, ROBERT

071005335106
2726 Center Ave
HESTAD, DAVID
& VICTORIA

071005335114
2730 Center Ave
CURTIS, RYAN

071005328086
2802 Center Ave
NEWSOM, ROBERT S

071005328094
2806 Center Ave
KIRCHGASLER,
CHRISTOPHER
KATHRYN L
KIRCHGASLER

071005339025
2425 Center Ave
OSGOOD,
CAROLINE
GRANT POKOS

071005339017
2429 Center Ave
MORETTA-
VASQUEZ, M H
EX SAS #5942-005

071005334075
2701 Center Ave
ROSE, TRACY
CHRISTOPHER TEETAERT

071005334067
2705 Center Ave
SPOLUM, DEANNE L

071005334059
2709 Center Ave
ENTWISTLE, ROBERT
& CHARLENE A
ENTWISTLE

071005334041
2713 Center Ave
WOLFE, JAMES M
JOANNA E O'BRIEN

071005334033
2719 Center Ave
DOYLE, DAVID H

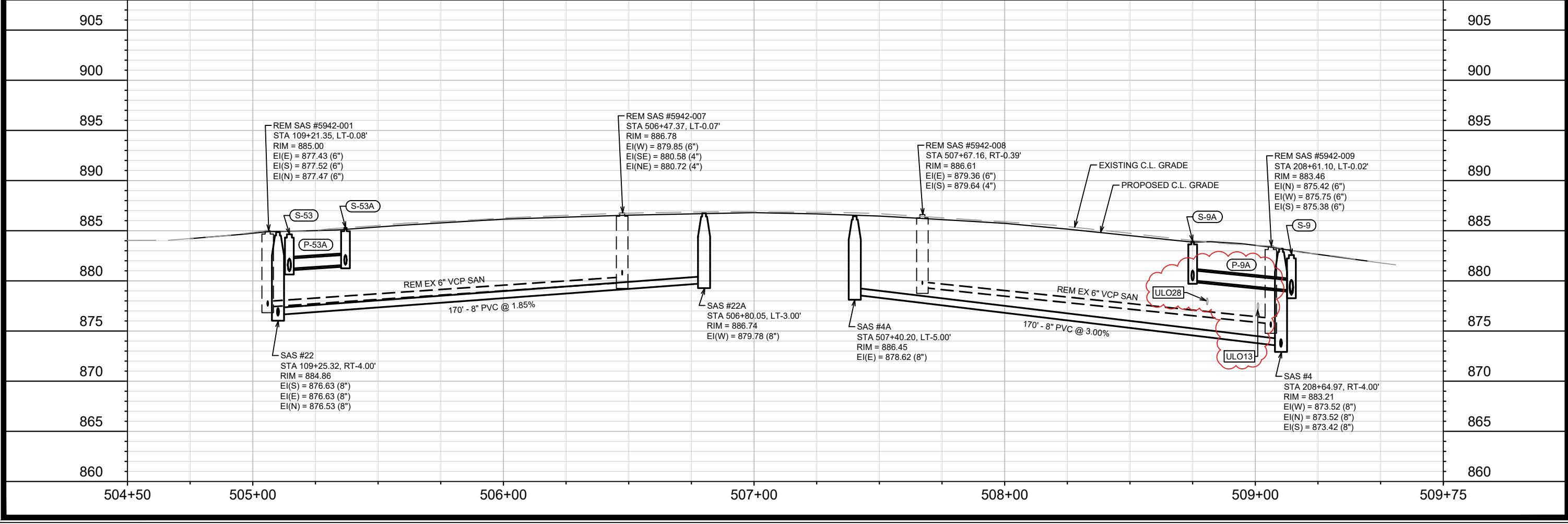
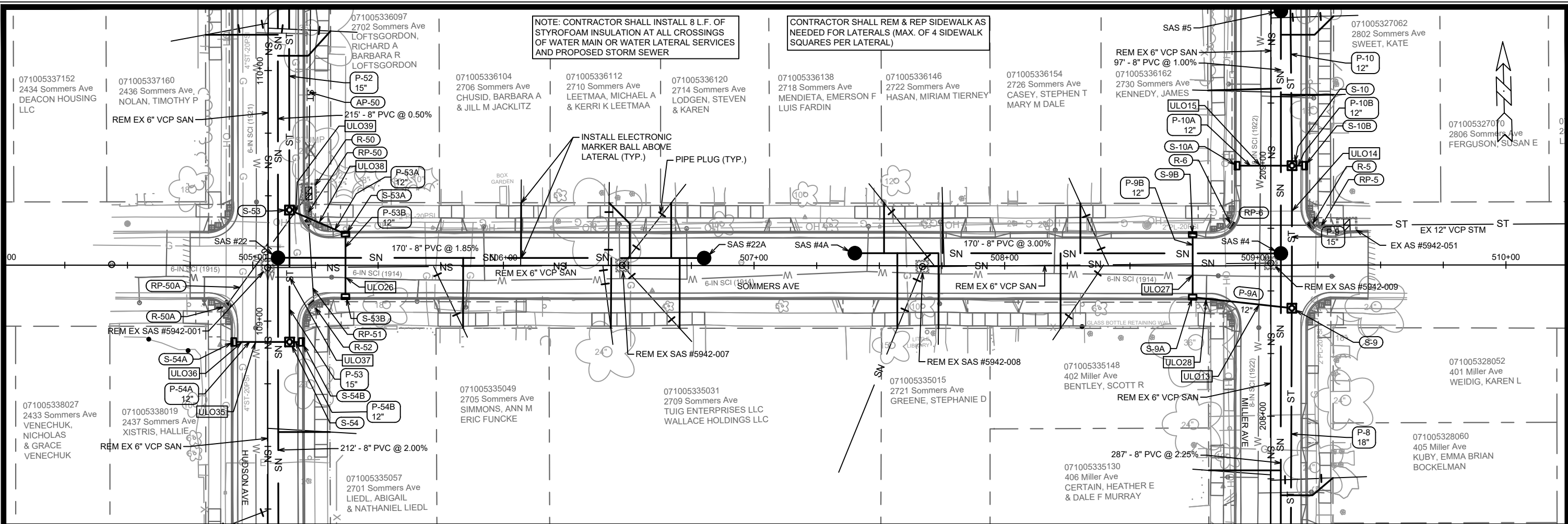
071005334025
2721 Center Ave
JJS IRREVOCABLE
TRUST

071005334017
2725 Center Ave
KLEIN, MARK E

071005334174
502 Miller Ave
MAHER, MARY M
& EILEEN A

071005329042
2801 Center Ave
ARANGUA JR,
EDUARDO
THOMAS A
SCHAEFFER

071005329034
2805 Center Ave
ZIEGLER, GREGORY



NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SIDEWALK SQUARES PER LATERAL)

INSTALL ELECTRONIC MARKER BALL ABOVE LATERAL (TYP.)

PIPE PLUG (TYP.)

U-10	DATE	9/6/23	KDF
14075	REVISION		
14075	DESIGNED BY	ALZ	
14075	DATE	9/7/2023	4:31 PM

14075
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
 MADISON, WI
 CONTRACT NO: 8659

14075
 U-10

SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
MILLER AVE						
SAS #1	202+85.54	RT-0.46	874.47	864.65	9.82	-
SAS #2	203+15.34	RT-3.00	875.42	865.05	10.37	-
SAS #3	205+78.05	RT-4.04	878.21	866.86	11.35	-
SAS #4	208+64.97	RT-4.00	883.21	873.42	9.79	-
SAS #5	209+61.76	RT-4.00	883.82	874.49	9.33	-
WILLARD AVE						
SAS #1A	304+12.75	LT-1.04	883.49	875.05	8.44	-
SAS #1B	311+13.28	CL	875.72	865.78	9.94	-
SAS #11A	301+53.46	LT-1.14	890.77	881.71	9.06	-
SAS #11B	301+18.14	LT-0.68	890.97	882.77	8.21	-
CENTER AVE						
SAS #3A	405+31.15	LT-3.57	887.84	877.60	10.24	-
SOMMERS AVE						
SAS #4A	507+40.20	LT-5.00	886.45	878.62	7.83	-
SAS #22A	506+80.05	LT-3.00	886.74	879.78	6.96	-
HUDSON AVE						
SAS #10A	101+21.34	LT-0.55	881.19	871.68	9.51	-
SAS #10	101+50.99	RT-4.00	882.52	872.53	9.99	-
SAS #11	103+47.10	RT-4.00	885.74	876.12	9.62	-
SAS #12	105+60.30	RT-4.00	889.44	879.90	9.55	-
SAS #20	111+70.34	RT-0.71	882.91	875.15	7.76	[1]
SAS #21	111+40.52	RT-4.00	883.01	875.40	7.61	[1]
SAS #22	109+25.32	RT-4.00	884.86	876.53	8.33	-
SAS #23	107+13.27	RT-4.00	889.62	880.87	8.75	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
MILLER AVE								
SAS #1	SAS #2	864.75	865.05	30	1.00%	8"	C900	-
SAS #2	SAS #3	865.15	866.86	263	0.65%	8"	SDR-35	-
SAS #3	SAS #4	866.96	873.42	287	2.25%	8"	SDR-35	-
SAS #4	SAS #5	873.52	874.49	97	1.00%	8"	SDR-35	-
WILLARD AVE								
SAS #1	SAS #1A	864.75	875.05	343	3.00%	8"	C900	-
SAS #1	SAS #1B	864.75	865.78	357	0.29%	10"	C900	-
SAS #11	SAS #11A	876.22	881.71	207	2.65%	8"	C900	-
SAS #11A	SAS #11B	881.81	882.77	35	2.70%	8"	C900	-
CENTER AVE								
SAS #3	SAS #3A	866.96	877.60	304	3.50%	8"	SDR-35	-
SOMMERS AVE								
SAS #4	SAS #4A	873.52	878.62	170	3.00%	8"	SDR-35	-
SAS #22	SAS #22A	876.63	879.78	170	1.85%	8"	SDR-35	-
HUDSON AVE								
SAS #10A	SAS #10	871.78	872.53	30	2.50%	8"	C900	-
SAS #10	SAS #11	872.63	876.12	196	1.78%	8"	SDR-35	-
SAS #11	SAS #12	876.22	879.90	213	1.72%	8"	SDR-35	-
SAS #20	SAS #21	875.25	875.40	30	0.50%	8"	C900	-
SAS #21	SAS #22	875.45	876.53	215	0.50%	8"	SDR-35	-
SAS #22	SAS #23	876.63	880.87	212	2.00%	8"	SDR-35	-

SPECIFIC NOTES

[1] INSTALL CHIMNEY SEAL

SANITARY SEWER SCHEDULE

SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
MILLER AVE						
SAS #5942-020	202+85.54	RT-0.46	874.79	864.65	10.14	-
SAS #5942-017	205+73.11	LT-0.37	878.20	871.32	6.88	-
SAS #5942-009	208+61.10	LT-0.02	883.46	875.38	8.08	-
SAS #5941-007	210+83.85	RT-0.32	884.16	876.47	7.69	-
WILLARD AVE						
SAS #5842-023	301+08.82	LT-0.64	891.07	883.91	7.16	-
SAS #5942-019	304+12.79	RT-0.21	883.80	876.21	7.59	-
SAS #5942-021	311+13.28	RT-0.15	875.74	865.96	9.78	-
CENTER AVE						
SAS #5942-018	405+34.82	RT-0.16	887.82	878.94	8.88	-
SOMMERS AVE						
SAS #5942-007	506+47.37	LT-0.07	886.78	879.85	6.93	-
SAS #5942-008	507+67.16	RT-0.39	886.61	879.36	7.25	-
HUDSON AVE						
SAS #5943-023	101+21.34	LT-0.55	881.11	871.68	9.43	-
SAS #5942-004	103+46.70	LT-0.22	886.19	877.35	8.84	-
SAS #5942-005	105+58.12	RT-0.34	889.76	881.17	8.59	-
SAS #5942-002	107+24.42	LT-0.60	889.55	881.61	7.94	-
SAS #5942-001	109+21.35	LT-0.08	885.00	877.43	7.57	-

SANITARY PIPES REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
MILLER AVE						
SAS #5942-020	SAS #5942-017	288	6"	VCP	Y	-
SAS #5942-017	SAS #5942-009	288	6"	VCP	Y	-
SAS #5942-009	SAS #5	101	6"	VCP	Y	-
SAS #5	SAS #5941-007	121	6"	VCP	Y	ABANDON WITH SLURRY
WILLARD AVE						
SAS #5942-004	SAS #5842-023	247	6"	VCP	N	-
SAS #5942-020	SAS #5942-019	344	6"	VCP	N	-
SAS #5942-020	SAS #5942-021	357.00	6"	VCP	N	-
CENTER AVE						
SAS #5942-017	SAS #5942-018	296	6"	VCP	Y	-
SOMMERS AVE						
SAS #5942-001	SAS #5942-007	142	6"	VCP	Y	-
SAS #5942-009	SAS #5942-008	139	6"	VCP	Y	-
HUDSON AVE						
SAS #5943-023	SAS #5942-004	225	6"	VCP	Y	-
SAS #5942-004	SAS #5942-005	211	6"	VCP	Y	-
SAS #20	SAS #5942-001	249	6"	VCP	Y	-
SAS #5942-001	SAS #5942-002	197	6"	VCP	Y	-

SPECIFIC NOTES

- [1] INSTALL CHIMNEY SEAL
- [2] INSTALL EXTERNAL SAS WRAP IN ACCORDANCE WITH S.D.D. 5.7.2

STORM SEWER SCHEDULE

*AMMENDMENT 7/10/23 KDF

**REVISED 9/6/2023 KDF

HUDSON, MILLER, WILLARD, CENTER & SOMMERS ASSESSMENT DIST - 2023 SHEET NO. U-13

PROJECT NO. 14075
STORM SEWER SCHEDULE
CITY OF MADISON

PROPOSED STORM STRUCTURES

PROPOSED STORM PIPES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
MILLER AVE							
S-1	202+45.86	RT-5.66	TAP	-	866.12	-	-
S-2	202+92.58	RT-8.20	5X5 SAS	874.61	866.85	7.76	W/R-1550-0054
S-3	203+21.98	RT-8.16	5X5 SAS	875.53	867.06	8.47	W/R-1550-0054
S-3A	203+22.02	LT-13.50	H INLET	876.20	872.35	3.85	W/R-3067-7004-V
S-3B	203+22.02	RT-13.50	H INLET	875.83	871.94	3.89	W/R-3067-7004-V
S-4	204+25.00	RT-8.38	5X5 SAS	877.39	867.78	9.61	W/R-1550-0054
** S-4A	204+25.00	LT-13.50	H INLET	877.69	874.11	3.58	W/R-3067-7004-V
S-4B	204+25.00	RT-13.50	H INLET	877.69	873.85	3.84	W/R-3067-7004-V
S-5	205+25.00	RT-8.50	5X5 SAS	877.56	868.48	9.08	W/R-1550-0054
** S-5A	205+25.00	LT-13.50	H INLET	877.98	874.36	3.62	LP, W/R-3067-7004-VB
S-5B	205+25.00	RT-13.50	H INLET	877.86	874.02	3.84	LP, W/R-3067-7004-VB
S-6	205+63.96	RT-10.54	5X5 SAS	877.84	868.75	9.09	W/R-1550-0054
** S-7	206+09.42	RT-8.03	3X3 SAS	878.24	874.41	3.83	W/R-1550-0054
** S-7A	206+09.42	LT-11.49	H INLET	879.21	875.10	4.11	W/R-3067-7004-V
** S-7B	206+09.42	RT-13.29	H INLET	878.48	874.94	3.54	W/R-3067-7004-V
S-8	207+31.91	RT-7.93	3X3 SAS	880.22	876.13	4.09	W/R-1550-0054
S-8A	207+31.91	LT-13.50	H INLET	881.31	877.04	4.27	W/R-3067-7004-V
S-8B	207+31.91	RT-13.50	H INLET	880.35	876.92	3.43	W/R-3067-7004-V
S-9	208+43.12	RT-8.36	3X3 SAS	882.60	878.60	4.00	W/R-1550-0054
S-10	209+00.00	RT-8.43	3X3 SAS	883.08	879.42	3.66	W/R-1550-0054
** S-10A	209+00.00	LT-13.50	H INLET	884.24	880.99	3.25	LP, W/R-3067-7004-VB
S-10B	209+00.00	RT-13.50	H INLET	883.28	879.77	3.51	LP, W/R-3067-7004-VB
S-11	210+06.14	RT-7.37	3X3 SAS	884.08	880.73	3.35	W/R-1550-0054
S-11A	210+15.71	LT-11.50	H INLET	885.21	880.94	4.27	W/R-3067-7004-V
** S-12	211+36.13	RT-8.54	H INLET	883.04	877.14	5.90	FP, W/R-1550-0054
** S-12A	211+12.25	RT-13.50	H INLET	883.49	879.75	3.74	LP, W/R-3067-7004-VB
** S-12B	211+12.25	LT-11.50	H INLET	884.06	880.00	4.06	LP, W/R-3067-7004-VB

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
MILLER AVE										
P-1	S-1	S-2	866.12	866.85	47	42.3	1.72%	42"	RCP	-
P-2	S-2	S-3	866.85	867.06	29.5	24.4	0.86%	42"	RCP	-
P-3	S-3	S-4	867.06	867.78	103	98.1	0.73%	42"	RCP	-
P-3A	S-3	S-3A	871.81	872.35	21.5	18.2	2.97%	12"	RCP	-
P-3B	S-3	S-3B	871.81	871.94	5.5	1.9	6.95%	12"	RCP	-
P-4	S-4	S-5	867.78	868.48	100	95.0	0.74%	42"	RCP	-
** P-4A	S-4	S-4A	874.00	874.11	22	18.4	0.60%	12"	RCP	-
P-4B	S-4	S-4B	873.72	873.85	5	1.7	7.88%	12"	RCP	-
P-5	S-5	S-6	868.48	868.75	39	34.0	0.79%	42"	RCP	-
** P-5A	S-5	S-5A	874.25	874.36	22	18.5	0.59%	12"	RCP	-
P-5B	S-5	S-5B	874.00	874.02	5	1.5	1.33%	12"	RCP	-
** P-6	S-6	S-7	873.50	874.41	45.5	41.6	2.19%	18"	RCP	-
** P-7	S-7	S-8	874.41	876.13	122.5	119.5	1.44%	18"	RCP	-
** P-7A	S-7	S-7A	874.91	875.10	19.5	17.1	1.11%	12"	RCP	-
** P-7B	S-7	S-7B	874.91	874.94	5.5	2.8	1.08%	12"	RCP	-
P-8	S-8	S-9	876.13	878.60	111.5	108.3	2.28%	18"	RCP	-
P-8A	S-8	S-8A	876.88	877.04	21.5	18.9	0.84%	12"	RCP	-
P-8B	S-8	S-8B	876.88	876.92	5.5	3.1	1.30%	12"	RCP	-
P-9	S-9	S-10	878.85	879.42	57	53.9	1.06%	15"	RCP	-
P-10	S-10	S-11	879.67	880.73	106	103.2	1.03%	12"	RCP	-
** P-10A	S-10	S-10A	879.67	880.99	22	19.5	6.78%	12"	RCP	-
P-10B	S-10	S-10B	879.67	879.77	5	2.6	3.85%	12"	RCP	-
P-11A	S-11	S-11A	880.73	880.94	21	18.3	1.15%	12"	RCP	-
** P-12A	S-12	S-12A	879.02	879.75	24.5	21.5	3.39%	12"	RCP	-
** P-12B	S-12A	S-12B	879.75	880.00	25	23.1	1.08%	12"	RCP	-

WILLARD AVE

WILLARD AVE

** S-20	307+16.87	LT-8.00	3X6 SAS	875.06	870.94	4.12	[1]
** S-20A	307+16.87	RT-11.50	H INLET	874.34	871.54	2.80	W/R-3067-7004-V
* S-21	305+89.57	LT-6.50	3X3 SAS	877.41	873.67	3.74	W/R-1550-0054
* S-21A	305+89.57	LT-11.50	H INLET	877.86	874.20	3.66	W/R-3067-7004-V
* S-21B	305+89.57	RT-11.50	H INLET	877.16	874.26	2.90	W/R-3067-7004-V
* S-22	303+88.87	LT-6.50	3X3 SAS	884.65	880.19	4.46	W/R-1550-0054
* S-23	303+17.96	LT-5.64	3X3 SAS	888.02	883.20	4.82	W/R-1550-0054
* S-23A	303+17.94	LT-11.50	H INLET	888.02	883.53	4.49	W/R-3067-7004-V
* S-23B	303+12.25	RT-11.50	H INLET	887.87	883.72	4.15	W/R-3067-7004-V
* S-24	301+47.85	LT-8.08	3X3 SAS	891.09	886.88	4.21	W/R-1550-0054
* S-25	301+00.00	LT-6.50	3X3 SAS	890.63	887.37	3.26	W/R-1550-0054
* S-25A	301+00.00	LT-11.50	H INLET	890.9	887.39	3.51	LP, W/R-3067-7004-VB
* S-25B	301+00.00	RT-11.49	H INLET	890.65	887.46	3.19	LP, W/R-3067-7004-VB

** P-20	S-2	S-20	870.00	870.94	47	43.1	2.18%	18"	RCP	-
** P-20A	S-20	S-20A	871.44	871.54	19.5	17.0	0.59%	12"	RCP	-
** P-21	S-20	S-21	870.94	873.67	127.5	124.4	2.20%	18"	RCP	-
P-21A	S-21	S-21A	874.17	874.20	5	2.5	1.20%	12"	RCP	-
P-21B	S-21	S-21B	874.17	874.26	18	15.5	0.58%	12"	RCP	-
P-22	S-21	S-22	873.67	880.19	201	197.8	3.30%	18"	RCP	-
P-23	S-22	S-23	880.44	883.20	71	68.0	4.06%	15"	RCP	-
P-23A	S-23	S-23A	883.45	883.53	6	3.4	2.37%	12"	RCP	-
P-23B	S-23	S-23B	883.45	883.72	18	15.4	1.75%	12"	RCP	-
P-24	S-23	S-24	883.45	886.88	171.5	168.5	2.04%	12"	RCP	-
P-25	S-24	S-25	886.88	887.37	48.5	45.5	1.08%	12"	RCP	-
P-25A	S-25	S-25A	887.37	887.39	5	2.5	0.80%	12"	RCP	-
P-25B	S-25	S-25B	887.37	887.46	18	15.5	0.58%	12"	RCP	-

STANDARD NOTES:

- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

SPECIFIC NOTES

[1] STRUCTURE TO INCLUDE ONE R-3067-7004-V AND ONE R-1550-0054. PIPE TO BE CENTERED ON R-1550-0054 CASTING

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

*REVISED 9/6/2023 KDF

**REVISED 4/4/2024 KDF

+REVISED 5/24/2024 KDF

HUDSON, MILLER, WILLARD, CENTER & SOMMERS ASSESSMENT DIST - 2023 SHEET NO. U-14

PROJECT NO. 14075
STORM SEWER SCHEDULE
CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
WILLARD AVE							
S-30	309+25.00	LT-6.96	3X3 SAS	871.43	867.72	3.71	[1], FP, W/R-1550-0054
S-30A	309+25.00	LT-11.50	H INLET	871.84	868.34	3.50	LP
S-30B	309+25.00	RT-14.75	TERR INLET TYPE 3	871.18	868.13	3.05	FP, LP
S-31	310+79.85	LT-6.96	3X3 SAS	874.31	870.02	4.29	W/R-1550-0054
S-32	310+96.23	RT-15.19	3X3 SAS	875.21	870.43	4.78	W/R-1550-0054
CENTER AVE							
S-6A	408+79.37	RT-10.26	5X5 SAS	877.33	868.95	8.38	W/R-1550-0054
S-40	407+88.19	LT-7.58	3X3 SAS	878.63	874.59	4.04	W/R-1550-0054
S-40A	407+88.16	LT-12.50	H INLET	879.04	875.19	3.85	LP, W/R-3067-7004-VB
S-40B	407+88.28	RT-12.50	H INLET	878.84	875.24	3.60	W/R-3067-7004-V
S-41	405+00.00	LT-7.64	3X3 SAS	888.81	885.08	3.73	W/R-1550-0054
S-42	403+95.73	LT-7.66	3X3 SAS	890.86	887.01	3.85	W/R-1550-0054
S-42A	403+95.78	LT-12.50	H INLET	890.74	887.28	3.46	W/R-3067-7004-V
S-42B	403+95.53	RT-12.50	H INLET	890.74	887.36	3.38	W/R-3067-7004-V
SOMMERS AVE							
S-9A	508+75.00	RT-12.50	H INLET	883.96	880.04	3.92	LP, W/R-3067-7004-VB
S-9B	508+75.00	LT-12.50	H INLET	884.35	880.54	3.81	W/R-3067-7004-V
S-53A	505+36.98	LT-12.50	H INLET	885.29	881.59	3.70	W/R-3067-7004-V
S-53B	505+36.98	RT-12.50	H INLET	885.26	881.72	3.54	LP, W/R-3067-7004-VB
HUDSON AVE							
S-22A	103+75.28	RT-13.50	H INLET	885.91	881.91	4.00	LP, W/R-3067-7004-VB
S-22B	103+75.28	LT-13.50	H INLET	887.11	883.24	3.87	LP, W/R-3067-7004-VB
S-50	111+74.49	RT-18.58	3X3 SAS	883.07	878.95	4.12	W/R-1550-0054
S-51	111+63.20	RT-8.41	3X3 SAS	882.71	879.06	3.65	W/R-1550-0054
S-51A	111+63.20	LT-13.50	H INLET	882.74	879.67	3.07	LP, W/R-3067-7004-VB
S-51B	111+63.20	RT-13.50	H INLET	883.04	879.59	3.45	LP, W/R-3067-7004-VB
S-52	110+81.33	RT-8.41	3X3 SAS	883.58	879.69	3.89	W/R-1550-0054
S-52A	110+81.33	LT-13.50	H INLET	883.47	879.80	3.67	W/R-3067-7004-V
+ S-52B	110+10.00	RT-13.50	H INLET	884.19	880.75	3.44	W/R-3067-7004-VB
+ S-52C	110+10.00	RT-8.41	3X3 SAS	883.85	880.47	3.38	W/R-1550-0054
+ S-52D	110+10.00	LT-13.50	H INLET	883.71	880.83	2.88	W/R-3067-7004-VB
S-53	109+44.34	RT-8.41	3X3 SAS	884.64	880.97	3.67	W/R-1550-0054
S-54	108+91.67	RT-8.78	3X3 SAS	885.32	881.38	3.94	W/R-1550-0054
S-54A	108+91.70	LT-13.50	H INLET	885.41	881.74	3.67	W/R-3067-7004-V
** S-54B	108+91.66	RT-13.50	H INLET	885.69	881.65	4.04	W/R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
WILLARD AVE										
P-30	S-2	S-30	866.94	867.72	161	157.1	0.50%	30"	RCP	-
P-30A	S-30	S-30A	868.26	868.34	4.5	2.1	3.88%	18"	RCP	-
P-30B	S-30	S-30B	867.97	868.13	21.5	18.6	0.86%	19"X30"	HERCP	-
P-31	S-30	S-31	868.26	870.02	155	151.9	1.16%	18"	RCP	-
P-32	S-31	S-32	870.02	870.43	27.5	23.7	1.73%	18"	RCP	-
CENTER AVE										
P-6A	S-6	S-6A	868.75	868.95	38	32.9	0.61%	42"	RCP	-
P-40	S-6	S-40	873.18	874.59	56.5	52.2	2.70%	18"	RCP	-
P-40A	S-40	S-40A	875.09	875.19	5	2.5	4.08%	12"	RCP	-
P-40B	S-40	S-40B	875.09	875.24	20	17.6	0.85%	12"	RCP	-
P-41	S-40	S-41	874.84	885.08	288	285.3	3.59%	15"	RCP	-
P-42	S-41	S-42	885.08	887.01	104.5	101.3	1.91%	15"	RCP	-
P-42A	S-42	S-42A	887.26	887.28	5	2.3	0.85%	12"	RCP	-
P-42B	S-42	S-42B	887.26	887.36	20	17.7	0.57%	12"	RCP	-
SOMMERS AVE										
* P-9A	S-9	S-9A	879.05	880.04	40	36.8	2.69%	12"	RCP	-
P-9B	S-9A	S-9B	880.04	880.54	25	23.0	2.17%	12"	RCP	-
P-53A	S-53	S-53A	881.22	881.59	24.5	21.1	1.76%	12"	RCP	-
P-53B	S-53A	S-53B	881.59	881.72	25	23.0	0.56%	12"	RCP	-
HUDSON AVE										
P-22A	S-22	S-22A	880.44	881.91	29.5	25.3	5.81%	15"	RCP	-
P-22B	S-22A	S-22B	882.16	883.24	27	24.6	4.40%	12"	RCP	-
P-50	S-50	S-51	878.95	879.06	15	11.0	1.00%	18"	RCP	-
P-51	S-51	S-52	879.06	879.69	82	78.9	0.80%	18"	RCP	-
P-51A	S-51	S-51A	879.56	879.67	22	19.4	0.57%	12"	RCP	-
P-51B	S-51	S-51B	879.56	879.59	5	2.6	1.15%	12"	RCP	-
+ P-52	S-52	S-52C	879.94	880.47	71.5	68.3	0.78%	15"	RCP	-
P-52A	S-52	S-52A	879.69	879.80	22	19.4	0.57%	12"	RCP	-
+ P-52B	S-52C	S-52B	880.72	880.75	5	2.6	1.15%	12"	RCP	-
+ P-52C	S-52C	S-53	880.47	880.97	65.5	62.7	0.80%	15"	RCP	-
+ P-52D	S-52C	S-52D	880.72	880.83	22	19.4	0.57%	12"	RCP	-
P-53	S-53	S-54	880.97	881.38	52.5	49.7	0.83%	15"	RCP	-
P-54A	S-54	S-54A	881.63	881.74	22.5	19.8	0.56%	12"	RCP	-
P-54B	S-54	S-54B	881.63	881.65	5	2.2	0.90%	12"	RCP	-

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

STANDARD NOTES:

- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

SPECIFIC NOTES

[1] STRUCTURE SHALL UTILIZE 4" CASTING

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

STORM SEWER SCHEDULE

REMOVE STORM STRUCTURES

STRUC. NO.	STRUC. ASSET I.D.	STATION	LOCATION (OFFSET)	TYPE	NOTES
MILLER AVE					
R-1	AS5942-012	202+56.42	RT-9.57	SAS	5X7
R-1A	IN5942-015	202+69.33	LT-16.66	INLET	TUB
R-1B	IN5942-014	202+99.35	LT-16.38	INLET	TUB
R-1C	IN5942-013	203+00.26	RT-15.89	INLET	TUB
R-2	AS5942-025	205+43.63	RT-9.70	SAS	5X7
R-2A	IN5942-029	205+58.46	LT-14.78	INLET	TUB
R-2B	IN5942-028	205+89.30	LT-15.57	INLET	TUB
R-2C	IN5942-027	205+90.53	RT-14.50	INLET	TUB
R-5	IN5942-052	208+76.21	RT-16.24	INLET	TUB
R-6	IN5942-053	208+76.23	LT-15.78	INLET	TUB
WILLARD AVE					
R-30	AS5942-016	309+14.54	RT-15.89	SAS	5X7
R-30A	IN5942-018	309+30.99	RT-11.54	INLET	TUB
R-30B	IN5942-019	309+33.90	LT-11.70	INLET	TUB
CENTER AVE					
R-40	AS 5942-005	404+59.72	RT-9.91	SAS	5X7
R-41	IN5942-007	404+16.08	RT-14.98	INLET	TUB
R-42	IN5942-006	404+16.17	LT-15.79	INLET	TUB
HUDSON AVE					
R-20	AS5942-008	103+32.51	RT-7.40	SAS	5X7
R-20A	IN5942-011	103+31.05	LT-16.31	INLET	TUB
R-20B	IN5942-010	103+61.01	LT-16.43	INLET	TUB
R-20C	IN5942-009	103+61.59	RT-15.79	INLET	TUB
R-50	AS5942-001	109+50.96	RT-16.16	SAS	5X7
R-50A	IN5942-002	109+05.68	LT-16.70	INLET	TUB
R-51	IN5942-004	109+39.84	RT-16.11	INLET	-
R-52	IN5942-003	109+06.09	RT-18.57	INLET	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
MILLER AVE							
RP-1	S-1	R-1	10	3X2	BOX	N	-
RP-1A	R-1	R-1A	28	12"	VCP	Y	-
RP-1B	R-1	R-1B	37	12"	VCP	Y	-
RP-1C	R-1	R-1C	25	12"	VCP	Y	-
RP-2	R-1	R-2	287	3X2	BOX	N	-
RP-2A	R-2	R-2A	28	12"	VCP	Y	-
RP-2B	R-2	R-2B	49	12"	VCP	Y	-
RP-2C	R-2	R-2C	43	12"	VCP	Y	-
RP-3	R-2	S-6	20	3X2	BOX	N	-
RP-4	S-6	S-6A	38	3X2	BOX	N	-
RP-5	AS #5942-051	R-5	8	12"	VCP	Y	-
RP-6	R-5	R-6	32	12"	VCP	Y	-
WILLARD AVE							
RP-30A	R-30A	R-30B	23	12"	VCP	Y	-
CENTER AVE							
RP-40	S-6	R-40	382	12"	VCP	Y	-
RP-41	R-40	R-41	44	12"	VCP	Y	-
RP-42	R-40	R-42	59	12"	VCP	Y	-
HUDSON AVE							
RP-20A	R-20	R-20A	23	12"	VCP	Y	-
RP-20B	R-20	R-20B	37	12"	VCP	Y	-
RP-20C	R-20	R-20C	30	12"	VCP	Y	-
RP-50	R-50	R-51	11	12"	VCP	N	-
RP-50A	R-50	R-50A	55	12"	VCP	Y	-
RP-51	R-51	R-52	33	12"	VCP	Y	-

STORM SEWER ABANDONMENTS

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	PIPE SIZE	TYPE	PAID (Y/N)	NOTES
WILLARD AVE							
AP-20	P-1	R-20	400	12"	VCP	Y	W/PLUGS (15 PLUGS)
AP-30	P-1	R-30	149	15"	VCP	Y	W/PLUGS (3 PLUGS)
AP-31	R-30	S-32	182	15"	VCP	Y	W/PLUGS (6 PLUGS)
HUDSON AVE							
AP-50	S-50	R-50	223	12"	VCP	Y	W/PLUGS (2 PLUGS)

STORM SEWER SCHEDULE

*REVISED 9/6/2023 KDF

HUDSON, MILLER, WILLARD, CENTER
& SOMMERS ASSESSMENT DIST - 2023

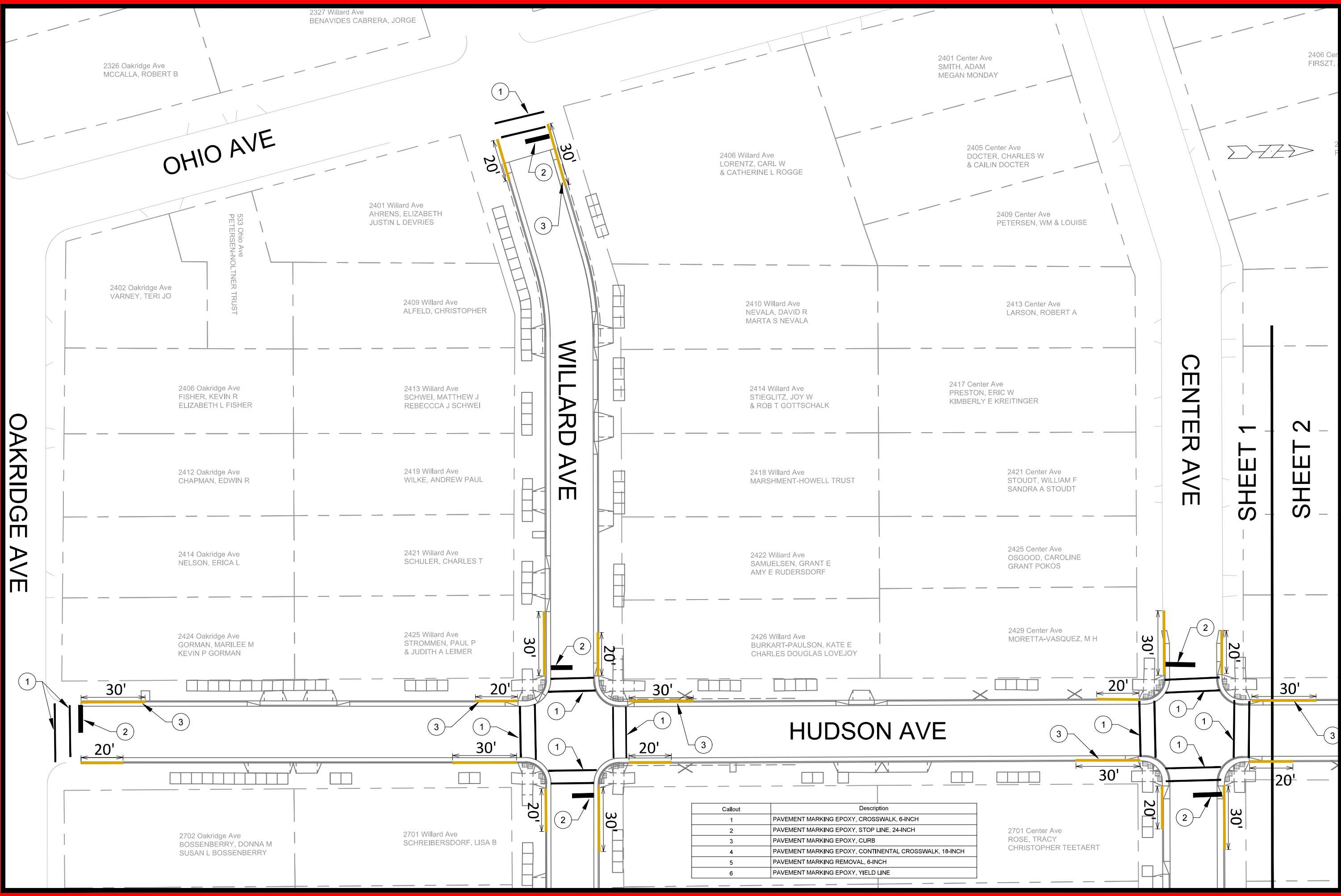
SHEET NO.
U-16

PROJECT NO. 14075
STORM SEWER SCHEDULE

CITY OF MADISON

STORM SEWER ULOs (5 ADDITIONAL INDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
MILLER AVE					
* ULO1	202+66.34	RT-6.78	GAS	-	DID NOT DO, GAS TO BE ABANDONED
* ULO2	202+79.50	RT-7.40	8" WATER	866.94	CONFLICT, WATER MAIN TO BE RELOCATED
* ULO3	202+92.86	LT-4.70	8" WATER	868.69	CONFLICT, STORM REVISED
* ULO4	203+21.40	LT-4.70	8" WATER	869.96	OK
* ULO5	204+25.10	LT-4.80	8" WATER	872.43	SEPARATION CONFLCT, STORM REVISED
* ULO6	205+25.70	LT-4.80	8" WATER	872.60	SEPARATION CONFLCT, STORM REVISED
* ULO7	205+70.10	RT-10.20	8" WATER	872.64	SEPARATION CONFLCT, OK
* ULO8	205+70.00	LT-9.50	6" WATER	872.63	SEPARATION CONFLCT, OK
* ULO9	205+74.11	LT-20.00	3" GAS PLASTIC	875.05	CONFLICT, COORDINATE WITH MGE TO RELOCATE
* ULO10	205+92.33	RT-8.91	GAS	-	DID NOT DO, GAS TO BE ABANDONED
* ULO11	206+09.10	LT-5.10	8" WATER	873.38	OK
* ULO12	207+32.10	LT-5.00	8" WATER	875.35	OK
* ULO13	208+45.00	LT-5.00	8" WATER	877.81	SEPARATION CONFLCT, STORM REVISED
* ULO14	208+81.84	RT-8.41	GAS	-	DID NOT DO, GAS TO BE ABANDONED
* ULO15	208+99.60	LT-4.40	8" WATER	878.97	SEPARATION CONFLCT, STORM REVISED
* ULO16	210+11.20	LT-4.00	8" WATER	878.82	OK
* ULO44	211+15.40	LT-5.30	8" WATER	877.99	SEPARATION CONFLCT, STORM REVISED
* ULO45A	211+37.60	RT-8.40	FIBER PACKAGE	880.46	CONFLICT, STORM REVISED
* ULO45B	211+40.30	RT-8.10	FIBER PACKAGE	878.24	BOTTOM
* ULO45C	211+36.10	RT-8.70	15" STORM	878.52	-
* ULO46	211+24.40	RT-11.50	6" ST GAS	879.15	OK
WILLARD AVE					
ULO17	301+00.00	RT-4.87	WATER	-	-
ULO18	303+14.62	RT-4.37	WATER	-	-
* ULO19	305+89.10	RT-5.50	8" WATER	871.48	OK
* ULO20	307+16.80	RT-4.80	8" WATER	869.15	OK
* ULO21	309+25.20	RT-5.50	8" WATER	866.08	OK
* ULO22	309+25.00	RT-18.65	GAS	-	DID NOT DO, GAS TO BE ABANDONED
* ULO23	310+88.10	RT-5.40	8" WATER	868.89	SEPARATION CONFLCT, OK
CENTER AVE					
ULO24	403+95.61	RT-4.20	WATER	-	-
* ULO25	407+88.40	RT-4.60	8" WATER	873.14	OK
SOMMERS AVE					
ULO26	505+36.98	RT-4.93	WATER	-	-
* ULO27	508+74.10	RT-4.20	8" WATER	878.64	OK
* ULO28	508+80.80	RT-12.70	8" WATER	878.29	OK
HUDSON AVE					
ULO29	103+52.22	LT-10.37	GAS	-	-
ULO30	103+52.31	LT-6.00	WATER	-	-
ULO31	103+75.28	LT-5.82	WATER	-	-
ULO32	103+75.28	LT-10.68	GAS	-	-
ULO33	106+43.58	LT-10.59	GAS	-	-
ULO34	106+43.66	LT-4.76	WATER	-	-
ULO35	108+91.68	LT-4.78	WATER	-	-
ULO36	108+91.70	LT-9.98	GAS	-	-
ULO37	109+17.62	RT-8.65	WATER	-	-
ULO38	109+39.45	RT-20.26	GAS	-	-
ULO39	109+43.34	RT-10.74	GAS	-	-
ULO40	110+81.33	RT-11.76	GAS	-	-
ULO41	110+81.33	LT-4.76	WATER	-	-
ULO42	111+63.20	RT-11.20	GAS	-	-
ULO43	111+63.20	LT-4.45	WATER	-	-



OAKRIDGE AVE

OHIO AVE

WILLARD AVE

HUDSON AVE

CENTER AVE

1 SHEETS

SHEET 2

Callout	Description
1	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
2	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
3	PAVEMENT MARKING EPOXY, CURB
4	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
5	PAVEMENT MARKING REMOVAL, 6-INCH
6	PAVEMENT MARKING EPOXY, YIELD LINE

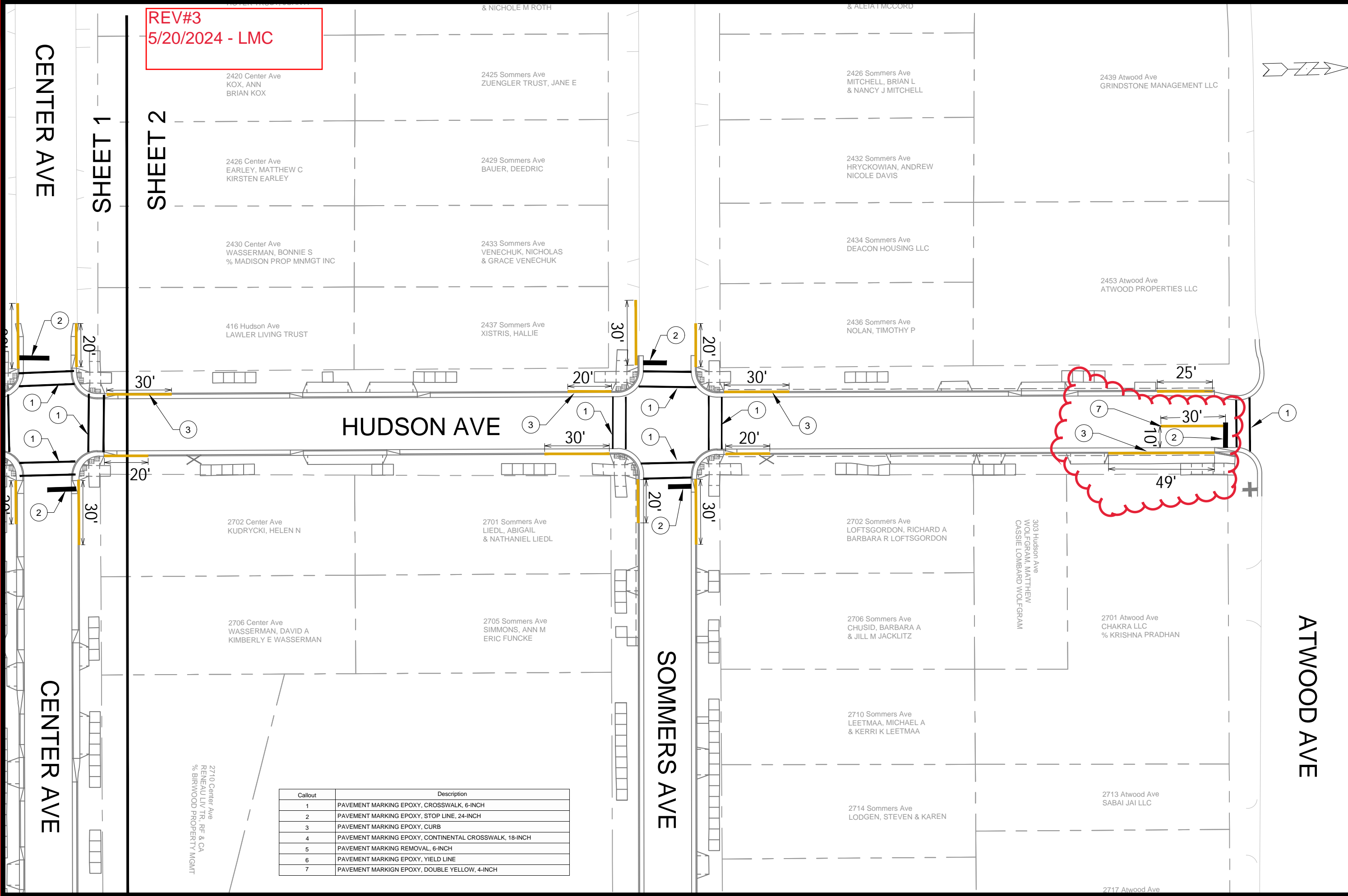
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14075
 MADISON, WI
 CONTRACT NO: ---
 PAVEMENT MARKING PLAN
HUDSON AVE RECONSTRUCTION
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14075
 M-1

REV#3
5/20/2024 - LMC



Callout	Description
1	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
2	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
3	PAVEMENT MARKING EPOXY, CURB
4	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
5	PAVEMENT MARKING REMOVAL, 6-INCH
6	PAVEMENT MARKING EPOXY, YIELD LINE
7	PAVEMENT MARKING EPOXY, DOUBLE YELLOW, 4-INCH

2710 Center Ave
RENEAU LIV' TR, RF & CA
% BIRWOOD PROPERTY MGMT

MARK	REVISION	DATE	BY
3	YELLOW MARKINGS ADDED	05/31/24	LMC

Designed By: LMC Date: 05/23/2024 3:16 PM Scale: 1" = 40' M-2

PAVEMENT MARKING PLAN
HUDSON AVE RECONSTRUCTION
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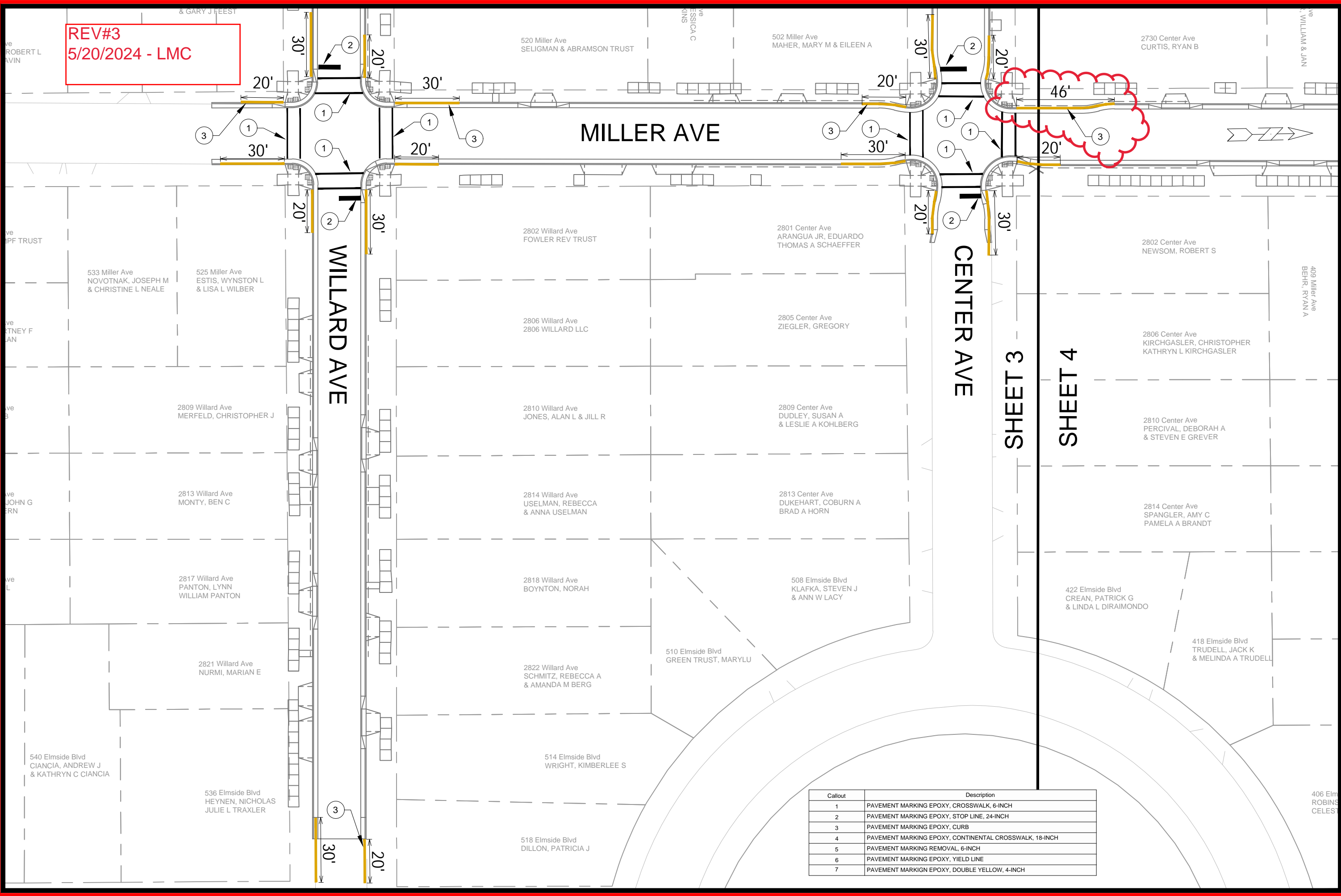
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CONTRACT NO: ---

14075
MADISON, WI

14075

REV#3
5/20/2024 - LMC



Callout	Description
1	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
2	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
3	PAVEMENT MARKING EPOXY, CURB
4	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
5	PAVEMENT MARKING REMOVAL, 6-INCH
6	PAVEMENT MARKING EPOXY, YIELD LINE
7	PAVEMENT MARKIGN EPOXY, DOUBLE YELLOW, 4-INCH

MARK	REVISION	DATE	BY
3	YELLOW MARKINGS ADDED	05/31/24	LMC

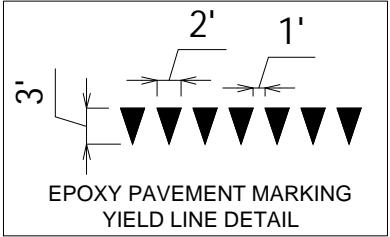
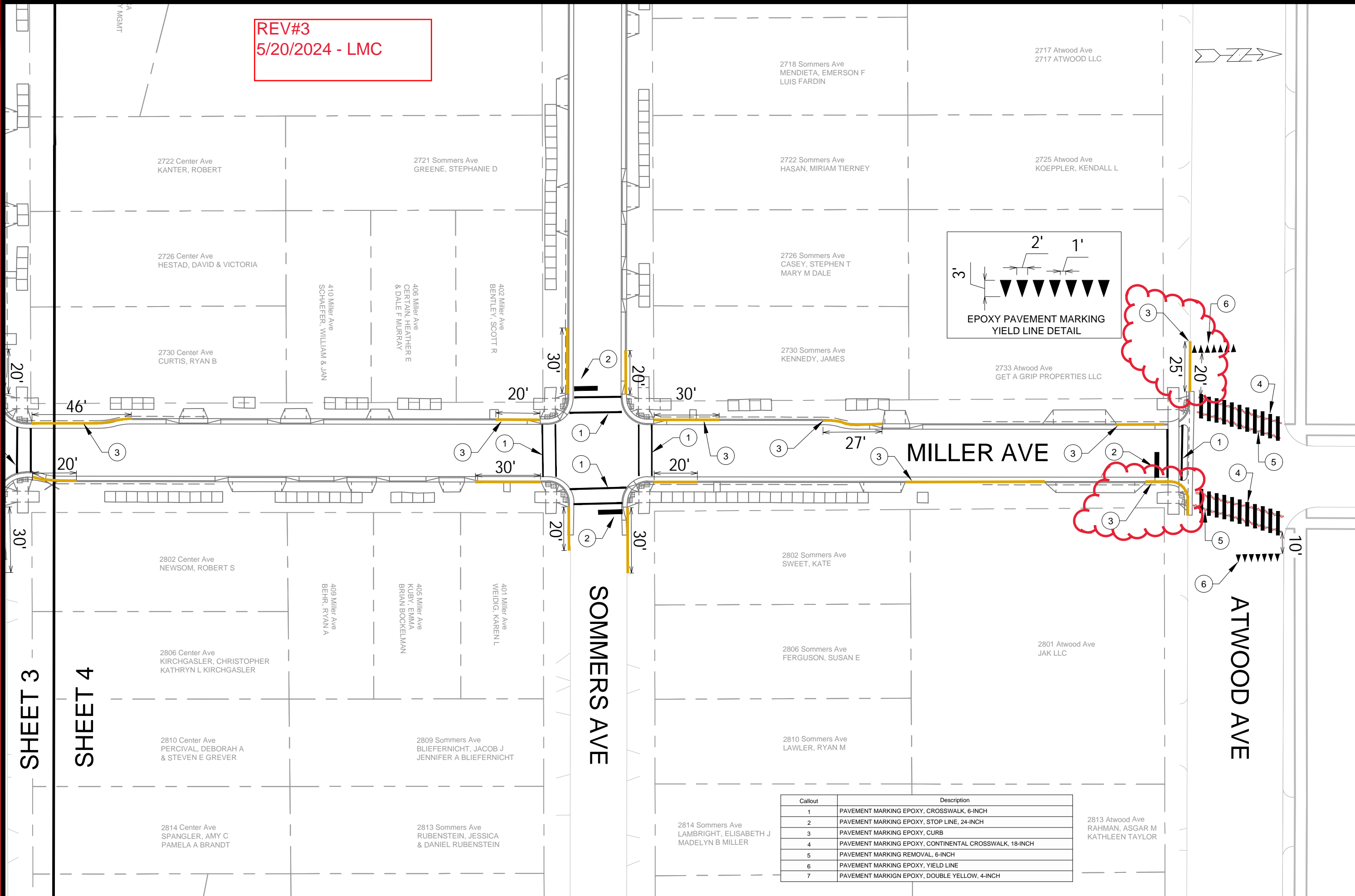
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 MADISON, WI
 CONTRACT NO: ----

PAVEMENT MARKING PLAN
HUDSON AVE RECONSTRUCTION
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14075
 M-3

REV#3
5/20/2024 - LMC



Callout	Description
1	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
2	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
3	PAVEMENT MARKING EPOXY, CURB
4	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
5	PAVEMENT MARKING REMOVAL, 6-INCH
6	PAVEMENT MARKING EPOXY, YIELD LINE
7	PAVEMENT MARKING EPOXY, DOUBLE YELLOW, 4-INCH

SHEET 3
SHEET 4

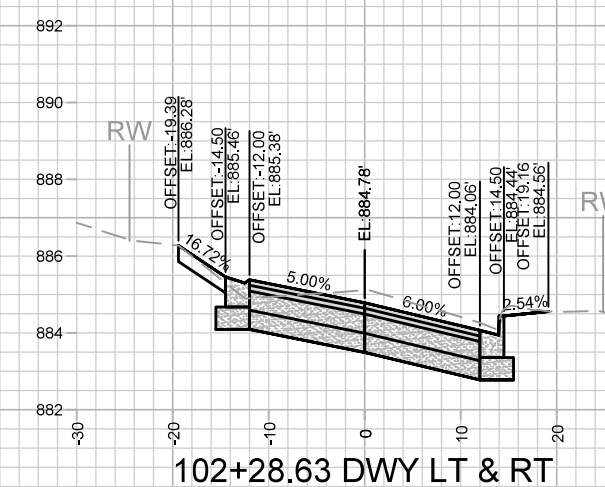
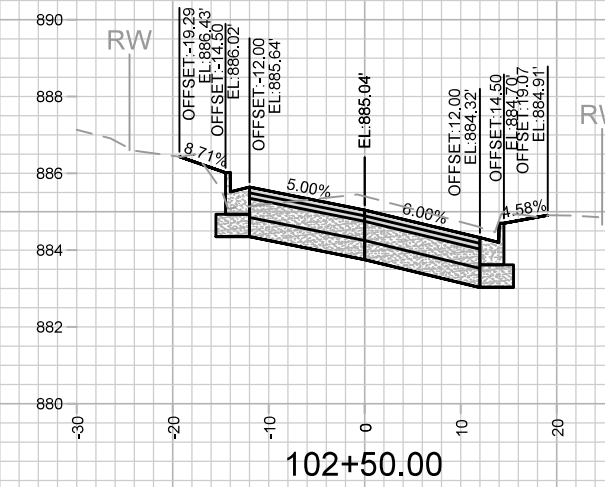
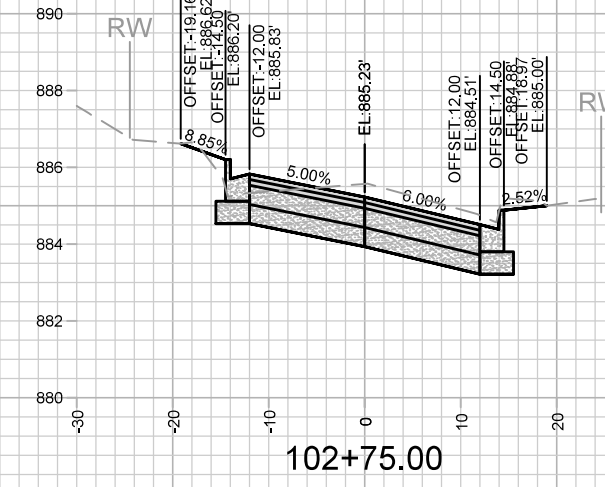
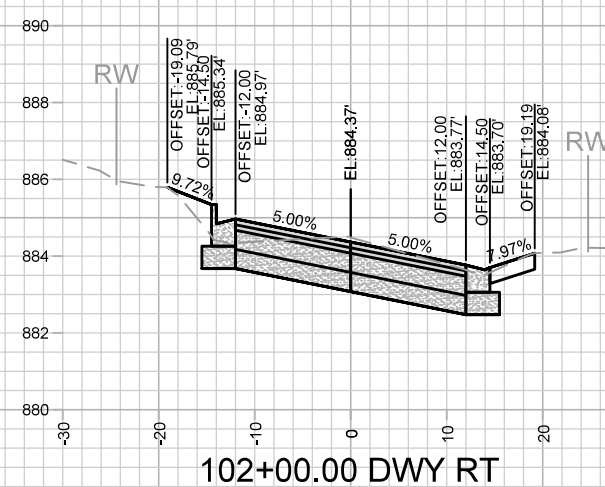
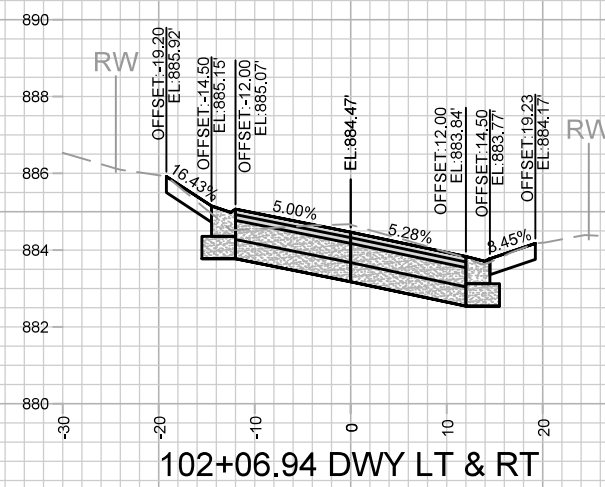
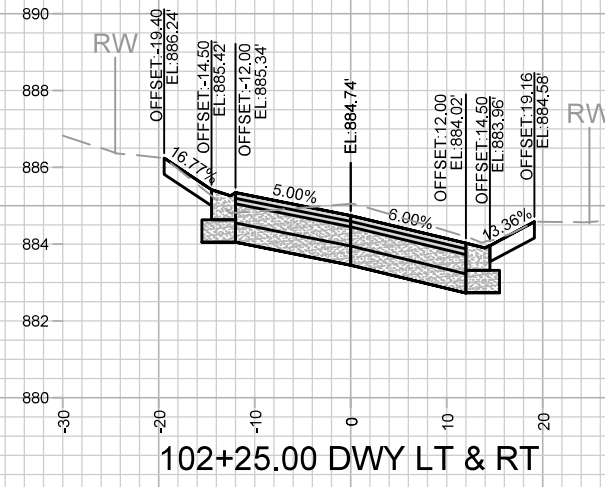
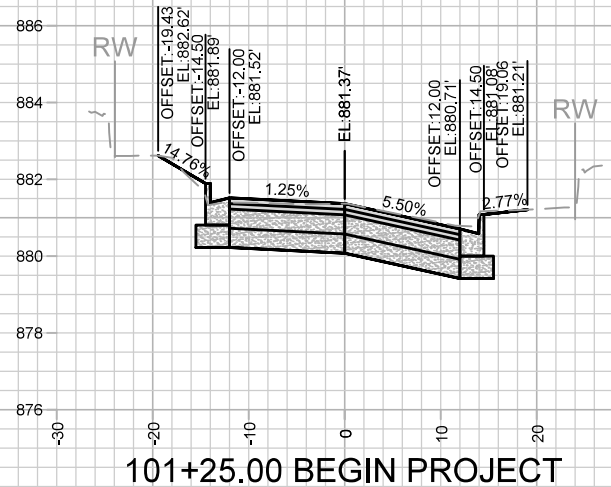
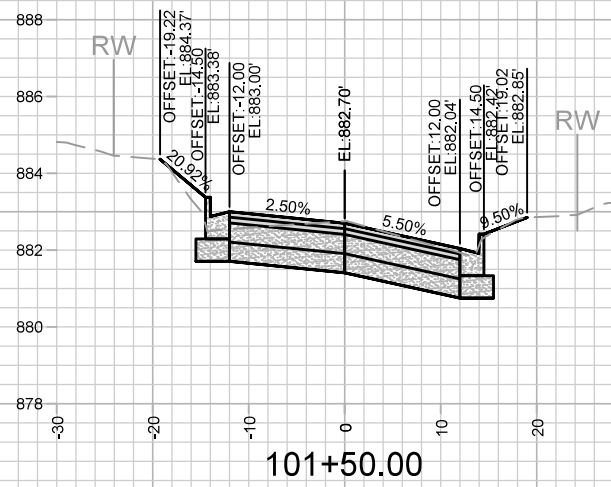
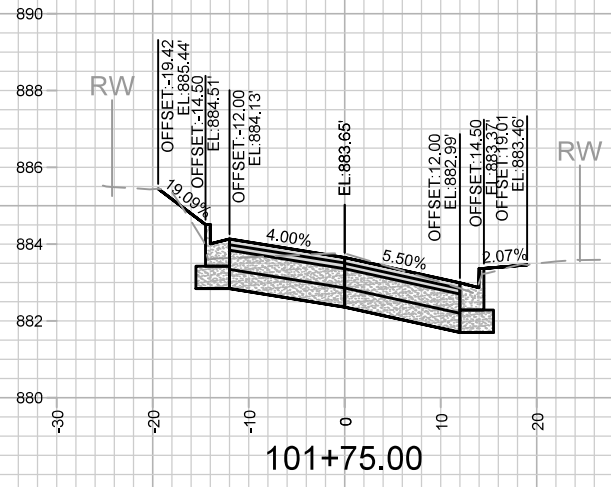
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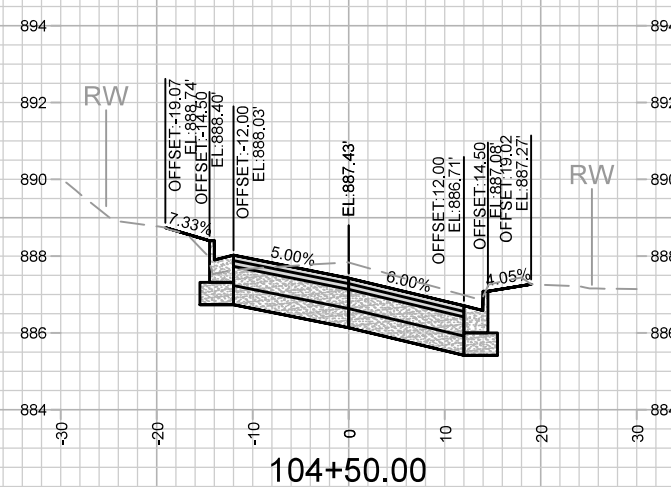
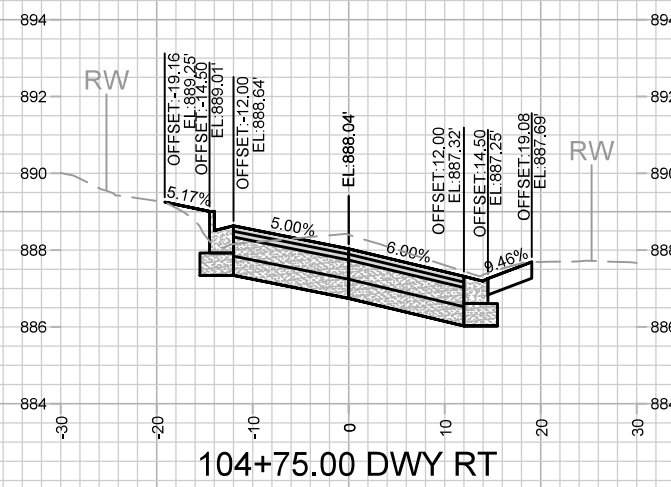
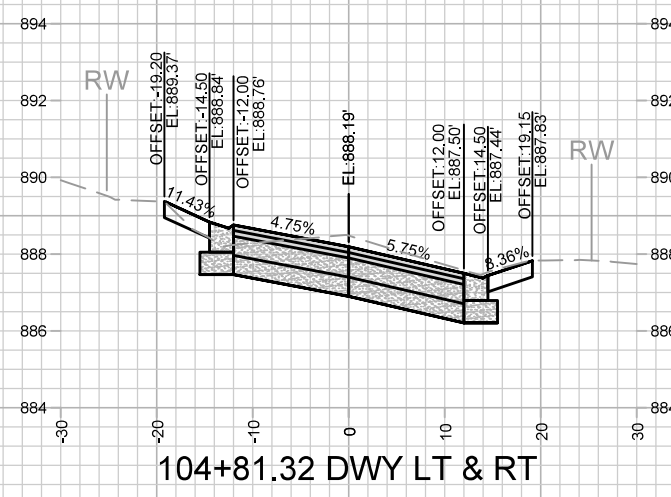
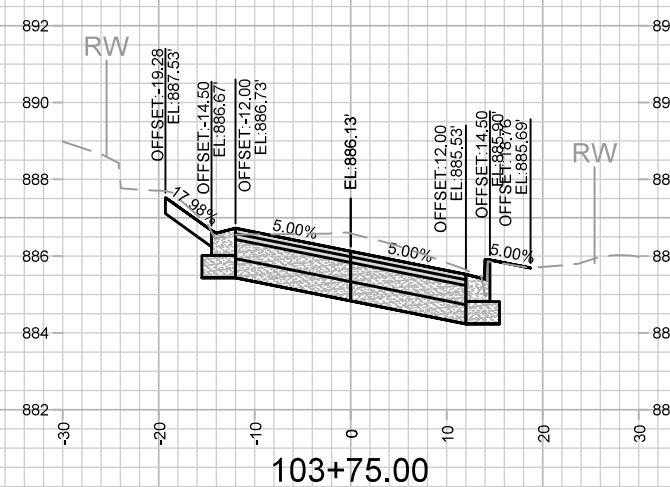
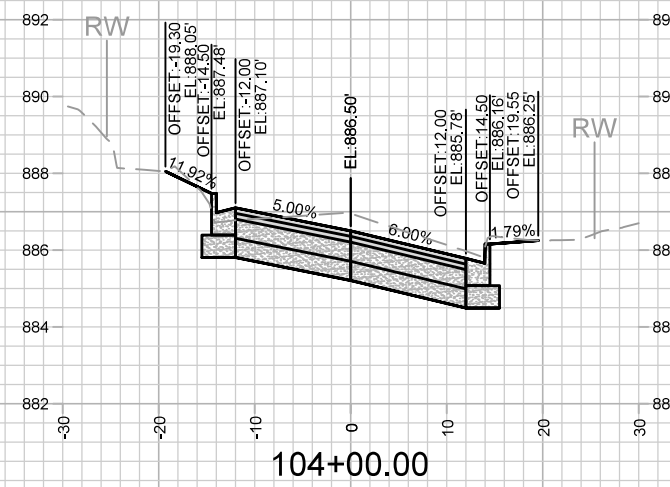
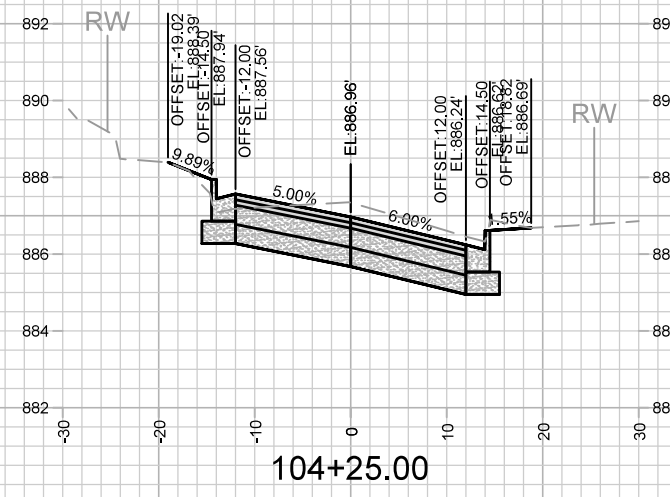
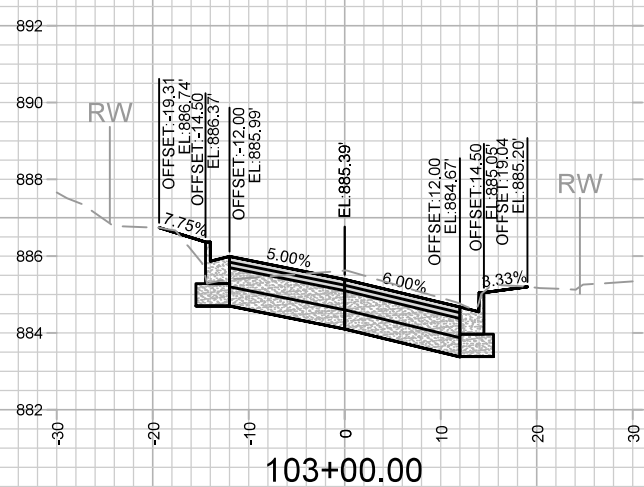
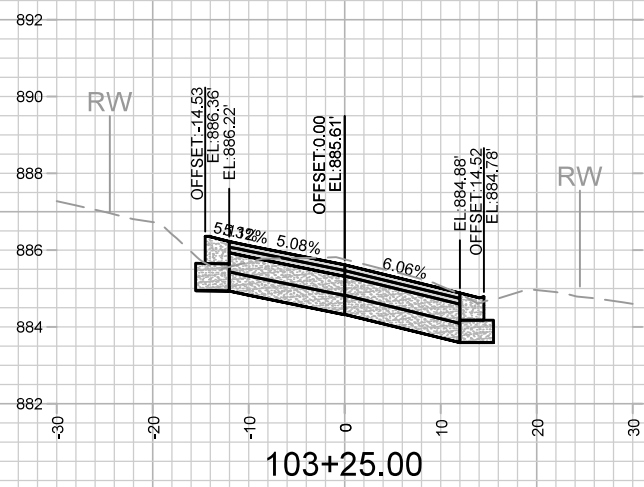
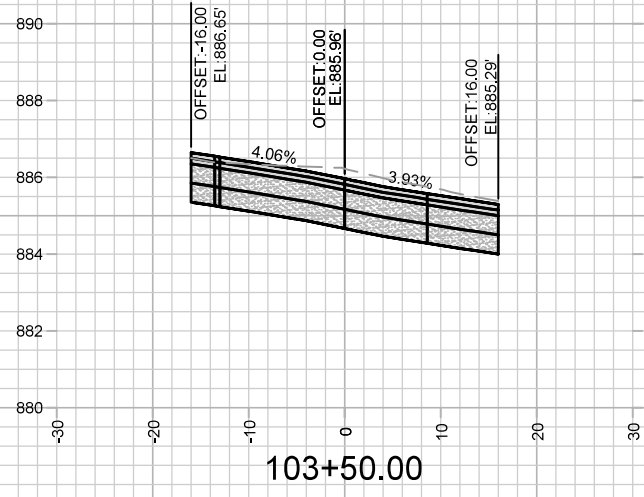
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 MADISON, WI
 CONTRACT NO: ---

PAVEMENT MARKING PLAN
HUDSON AVE RECONSTRUCTION
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14075
 M-4



		14075 X-1
HUDSON AVENUE CROSS SECTIONS		14075
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI		8659
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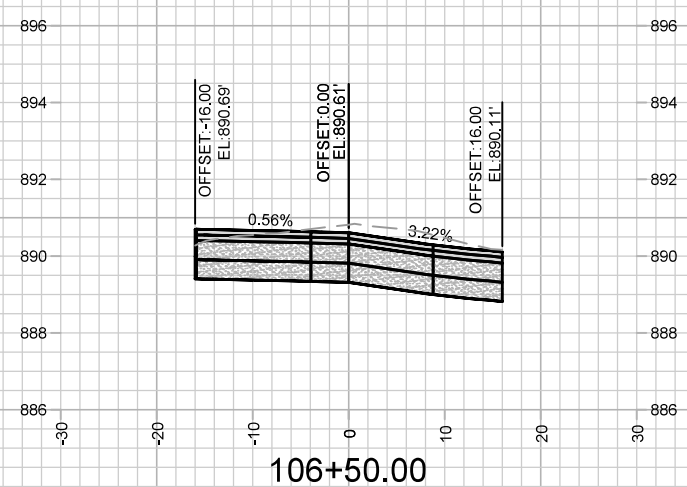
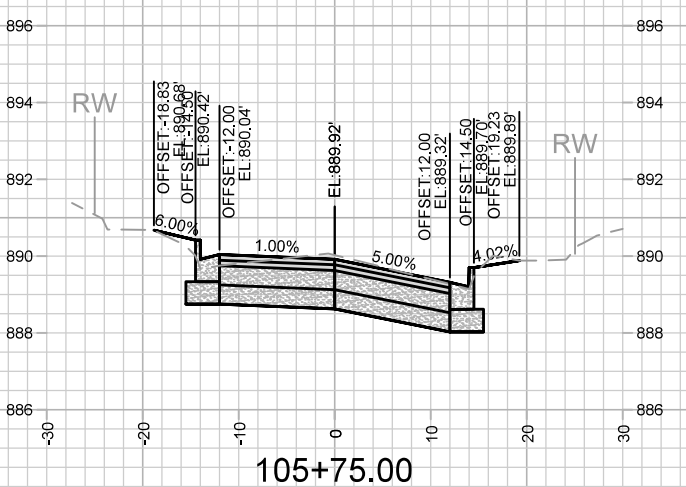
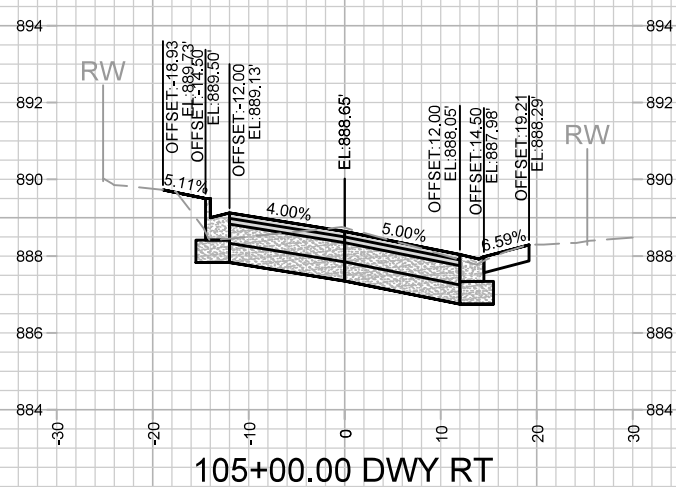
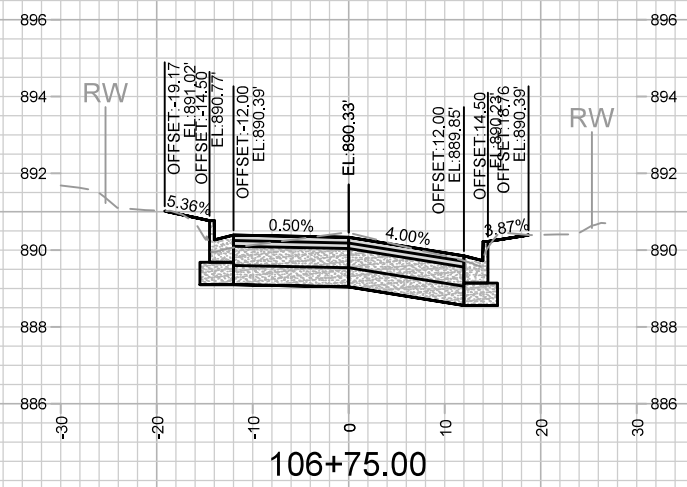
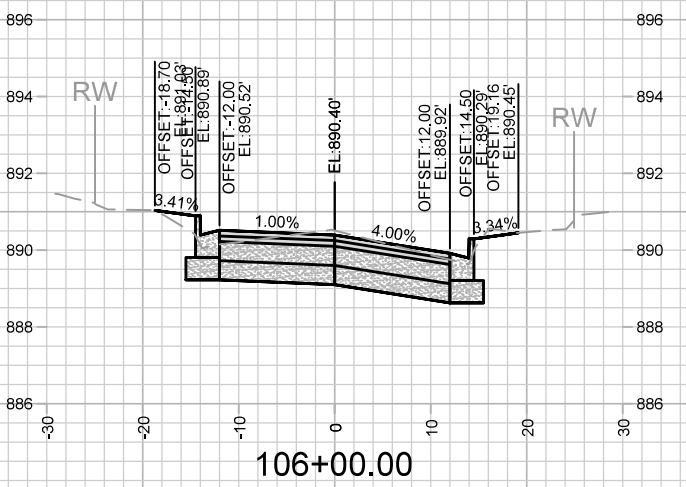
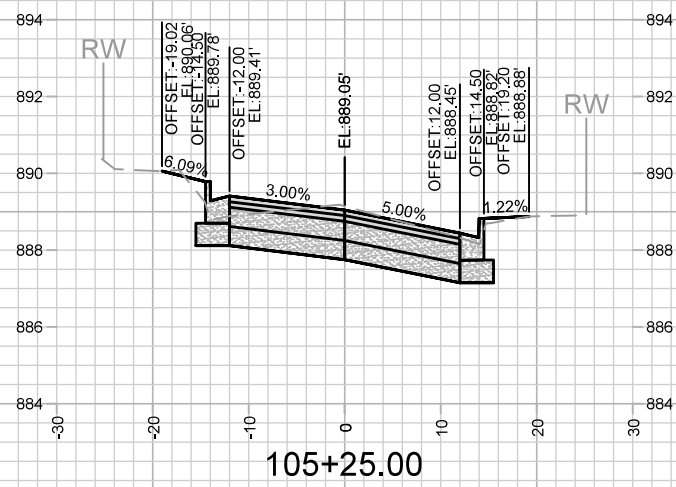
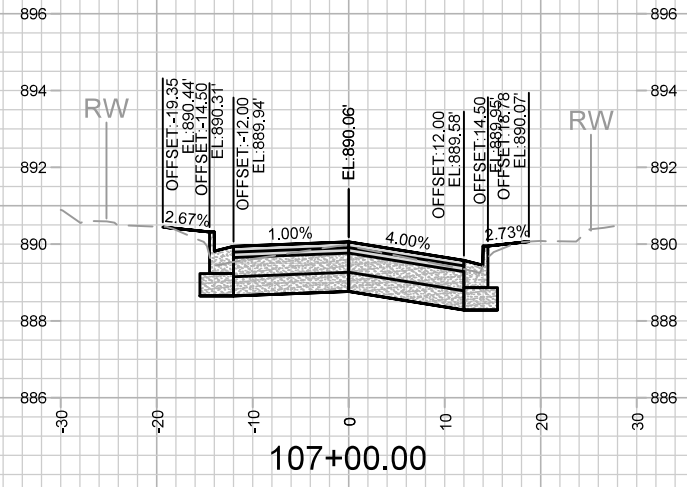
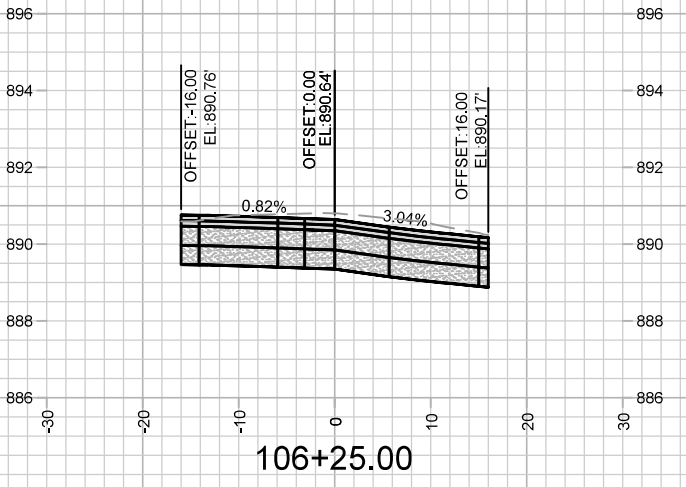
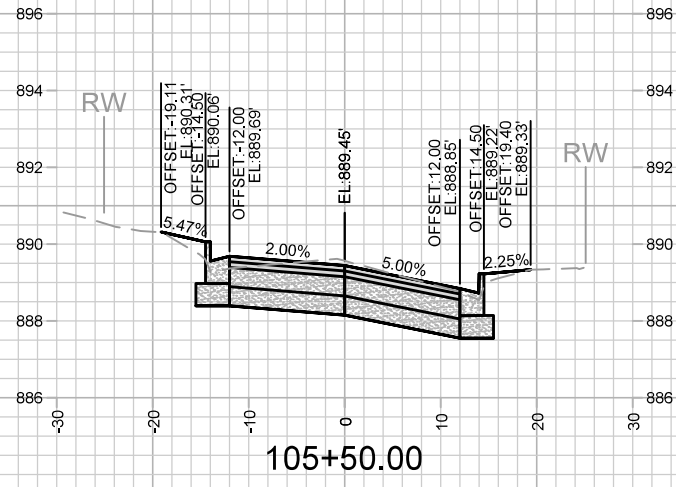


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14075
 MADISON, WI
 8659
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HUDSON AVENUE CROSS SECTIONS
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
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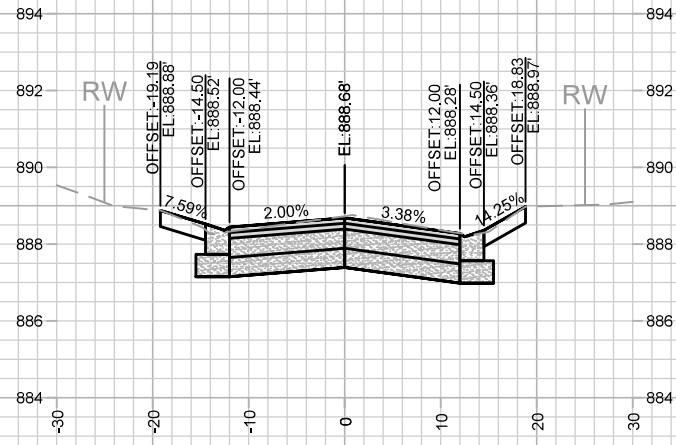


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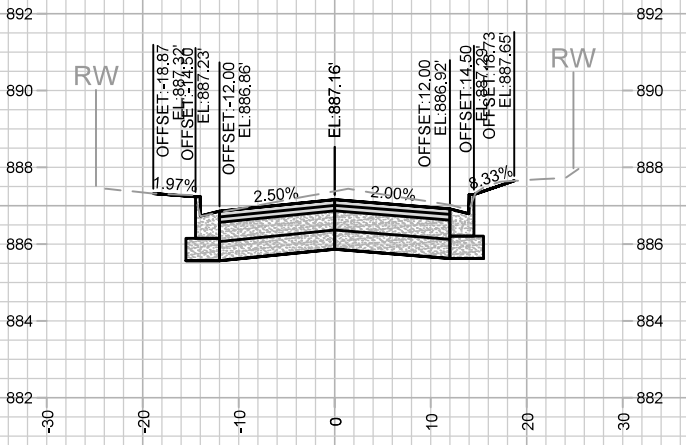
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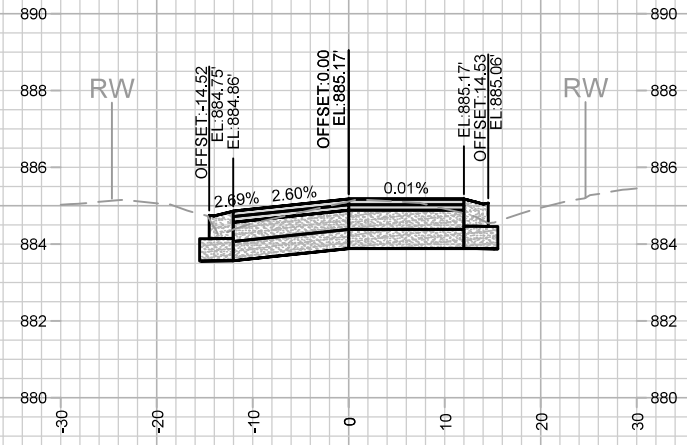




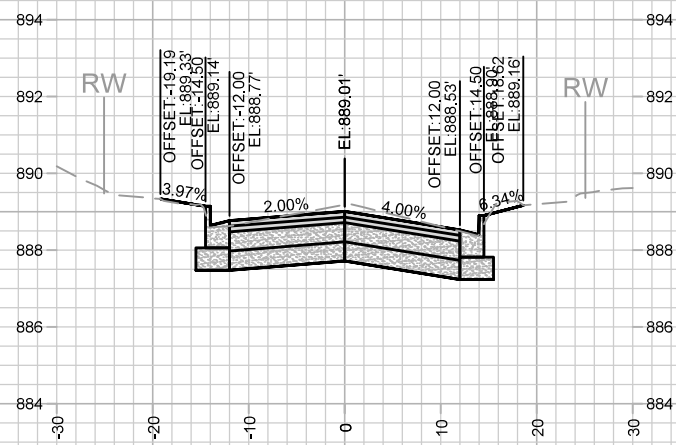
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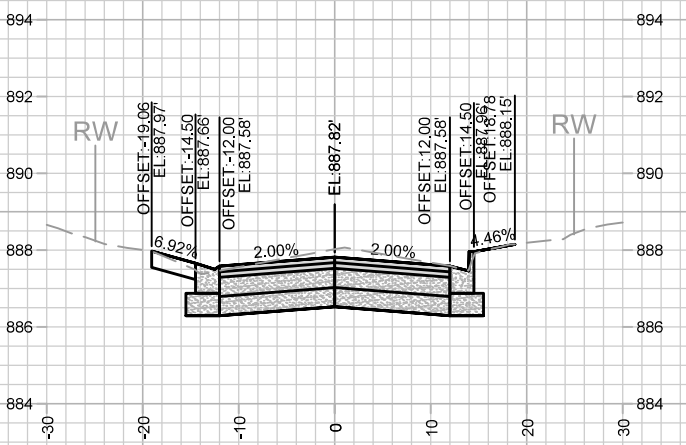
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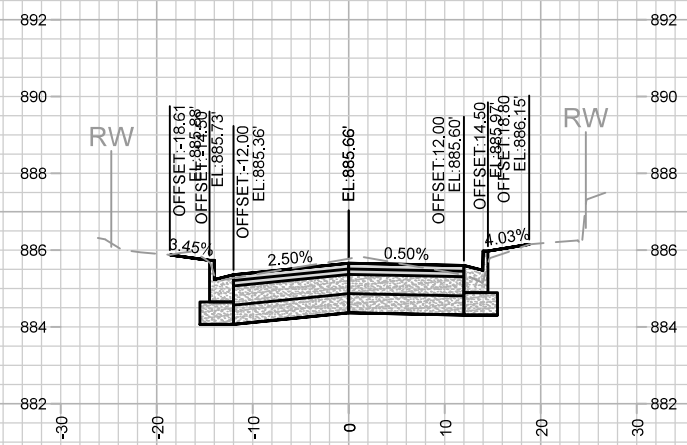
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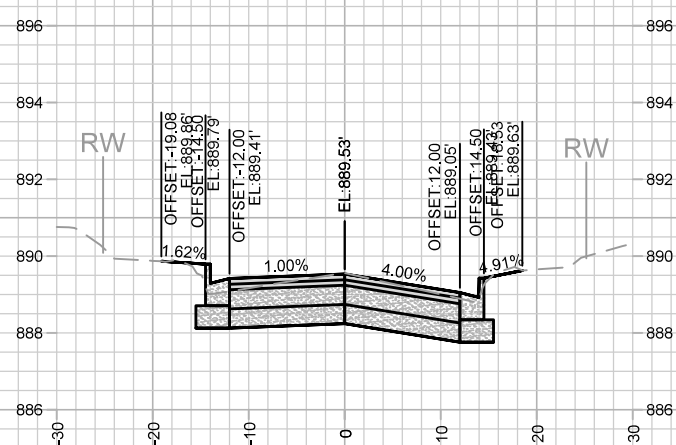
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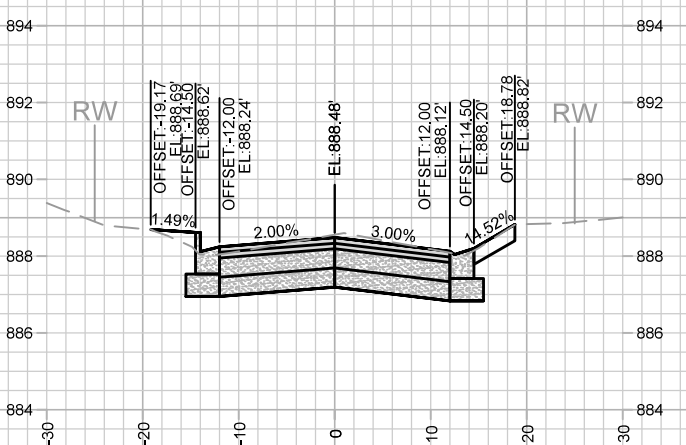
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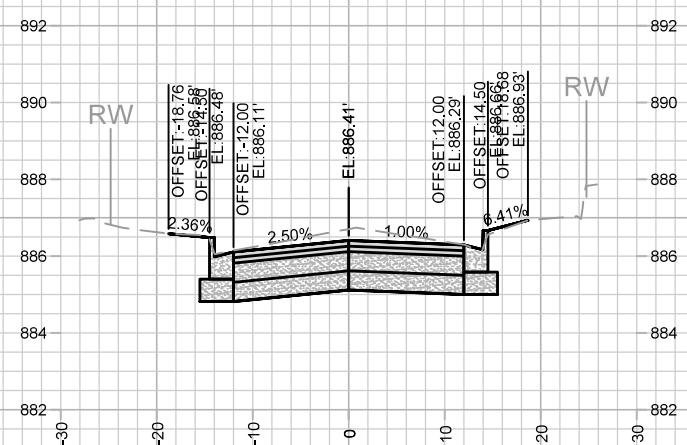
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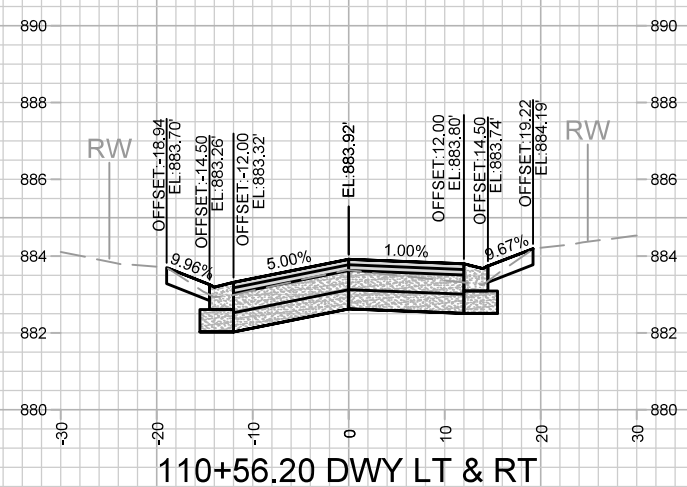
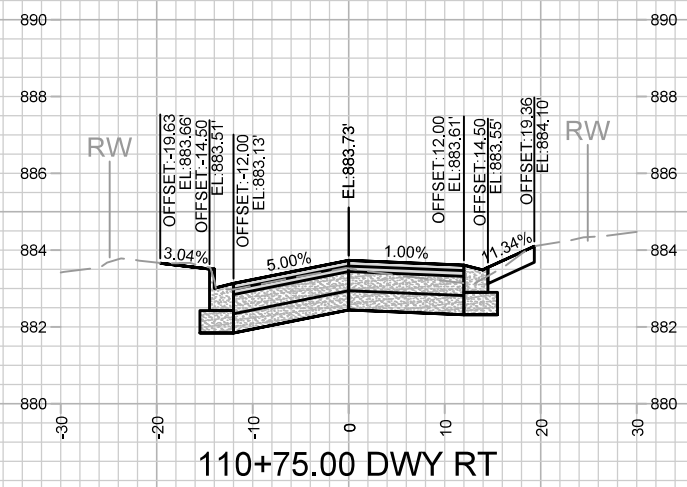
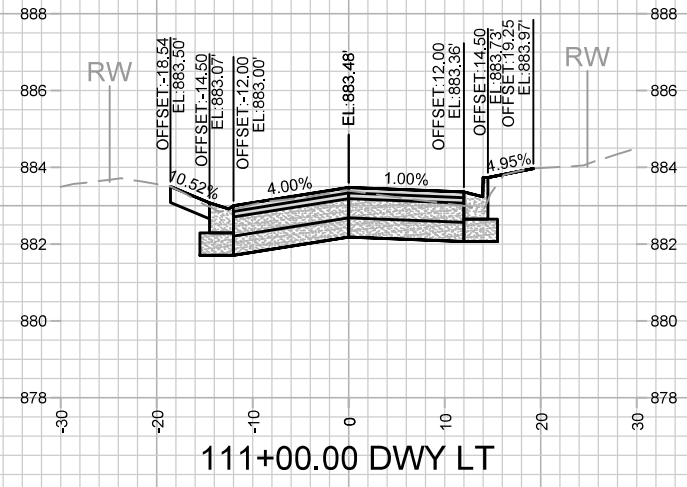
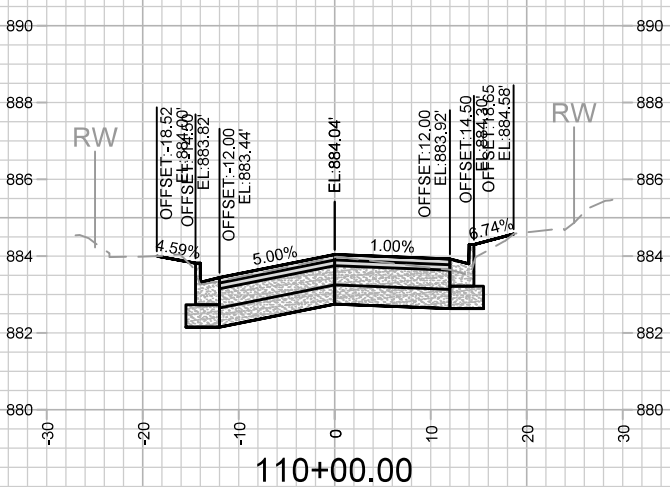
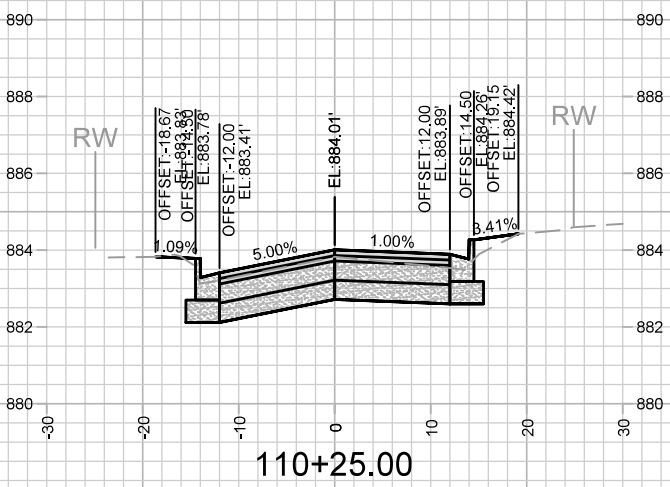
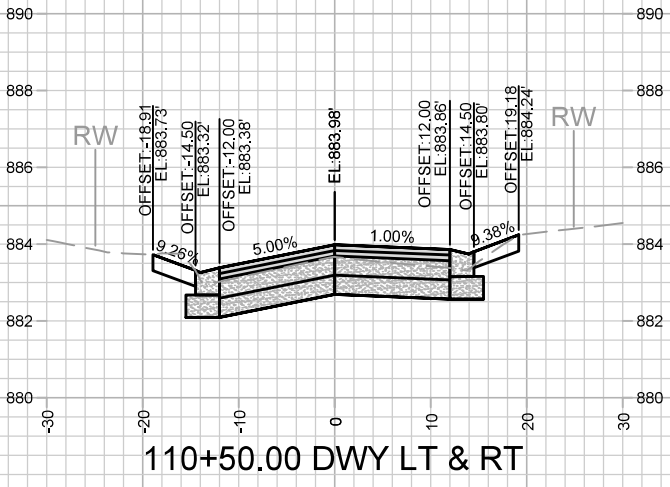
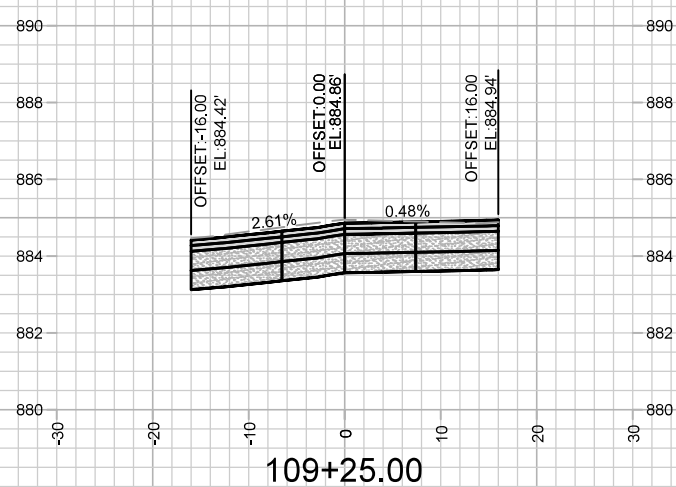
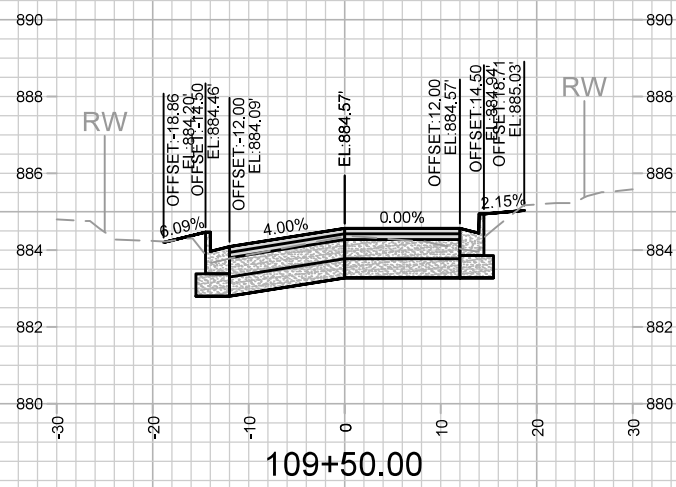
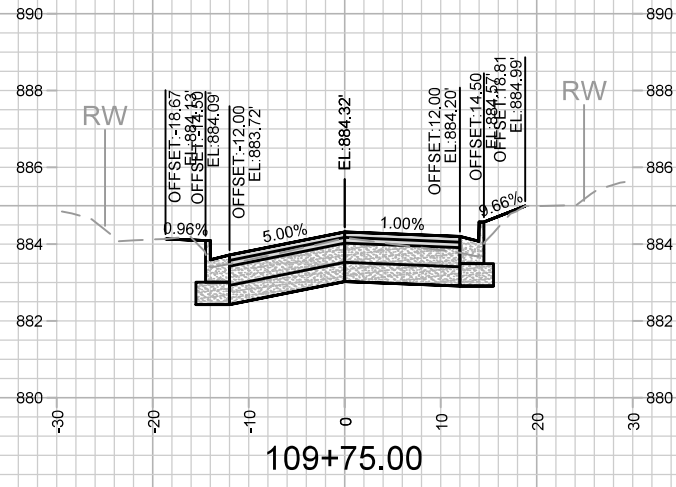
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 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI
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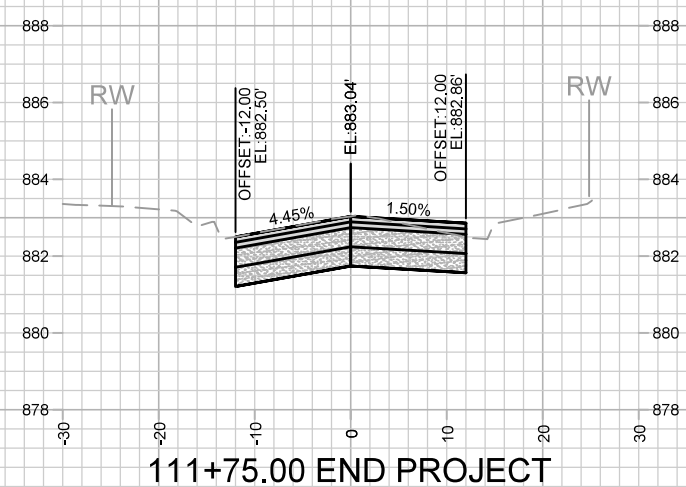
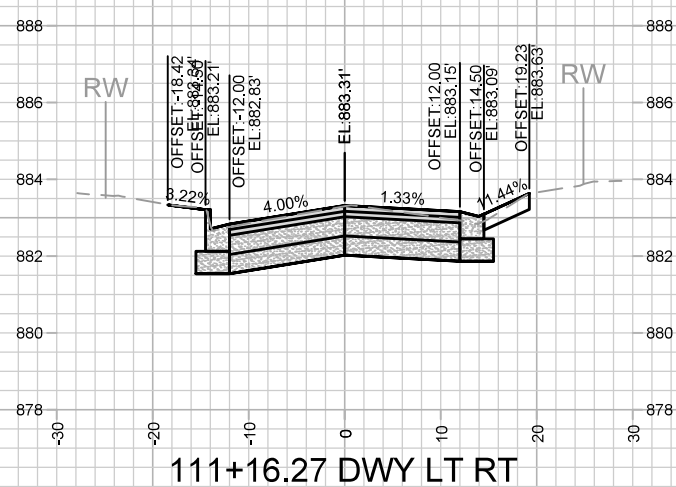
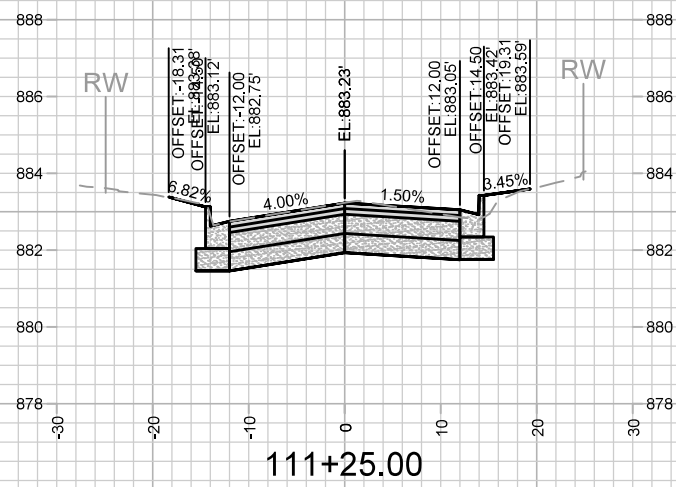
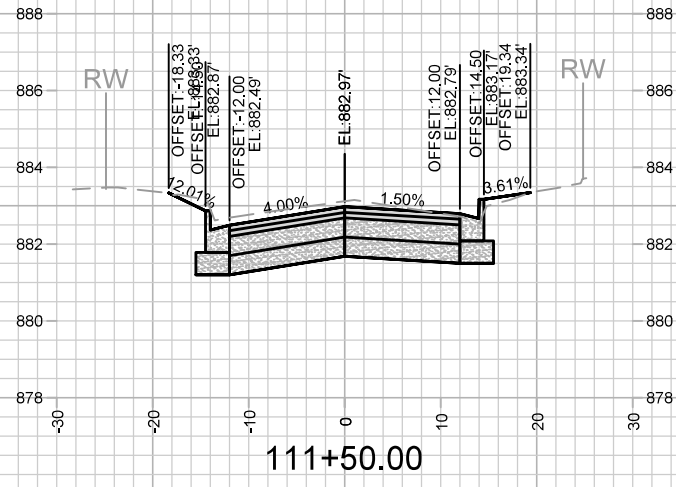
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 8659
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HUDSON AVENUE CROSS SECTIONS
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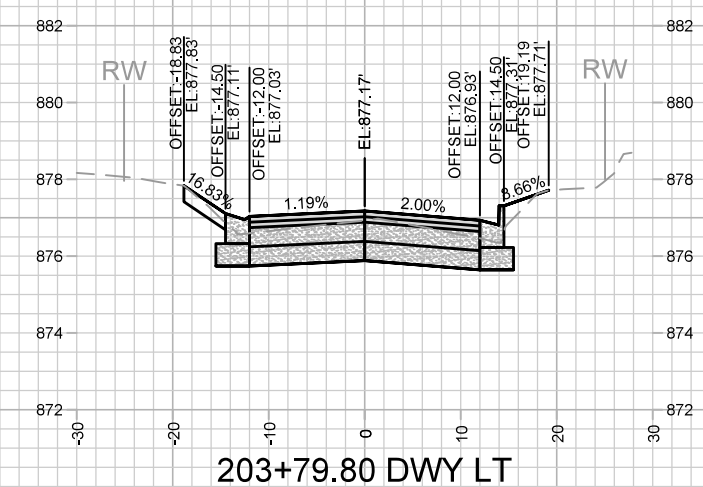
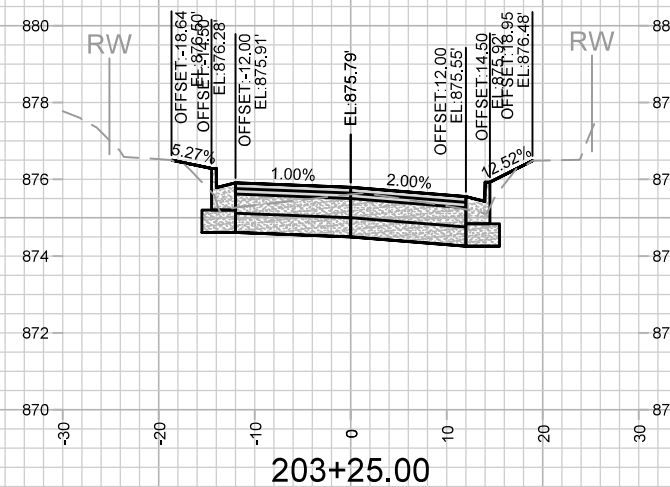
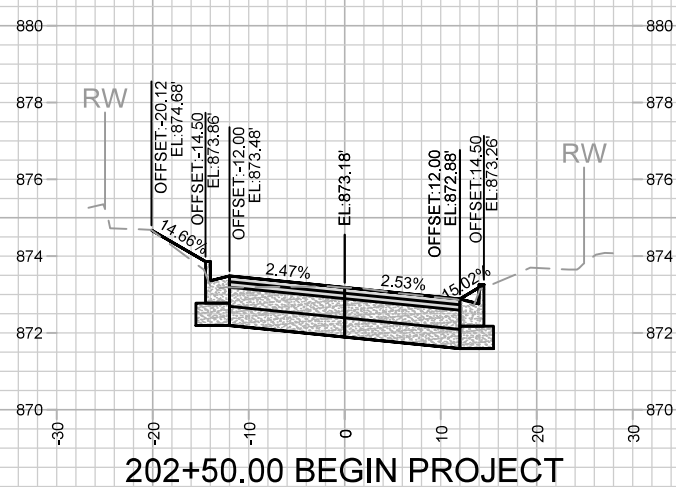
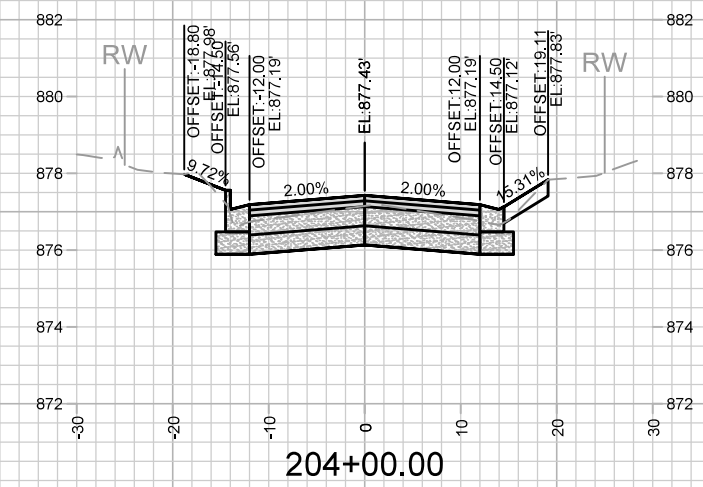
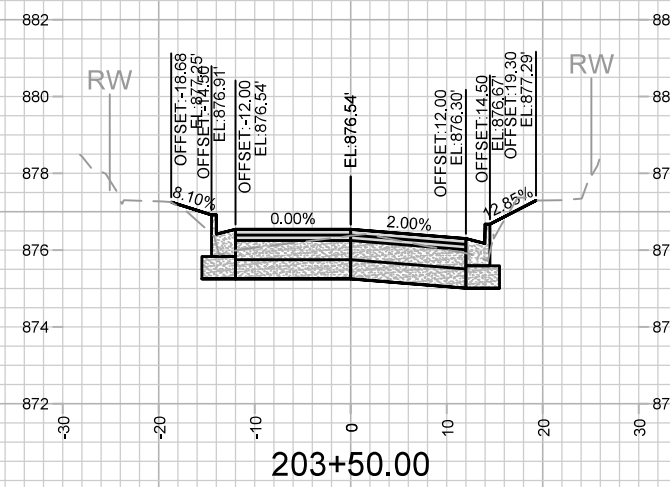
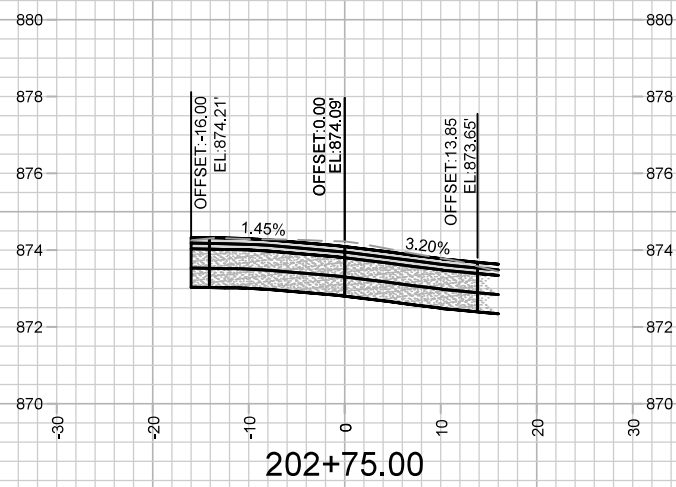
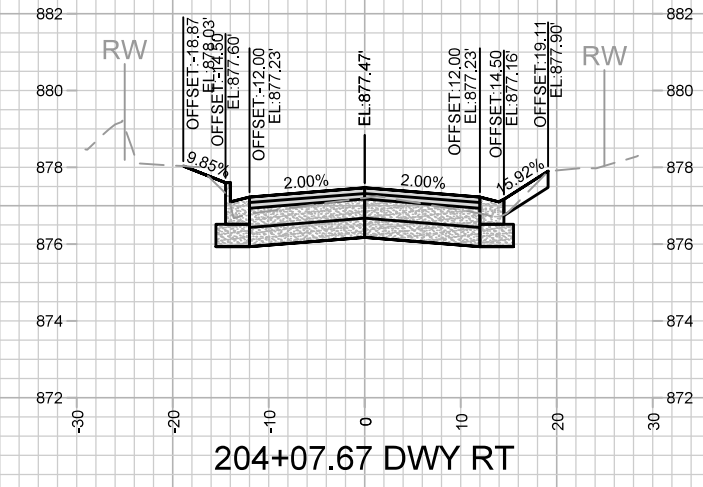
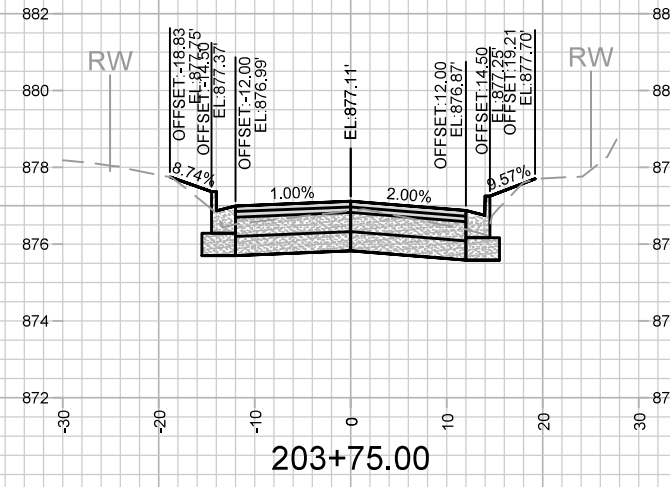
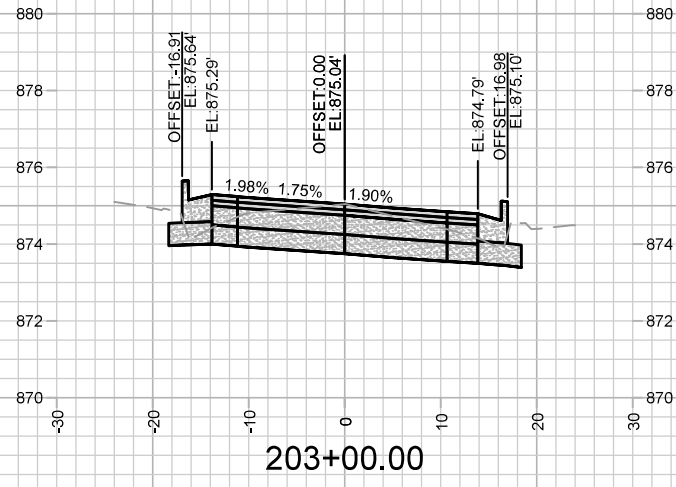


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 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI
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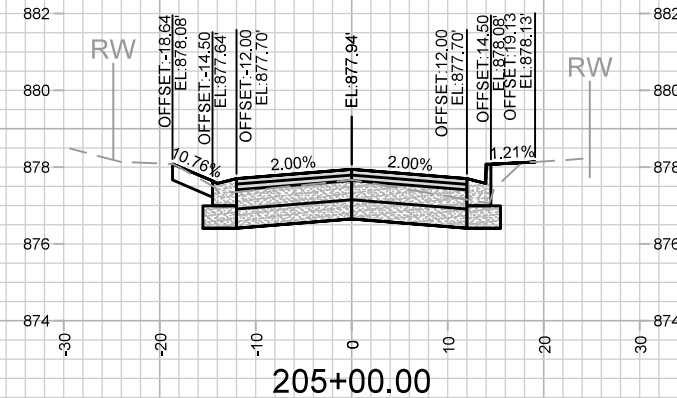
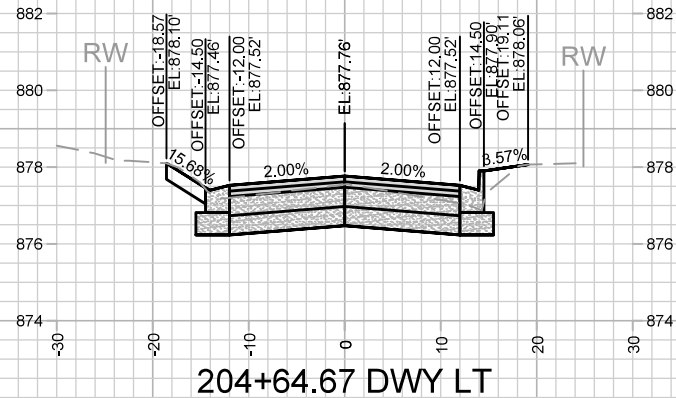
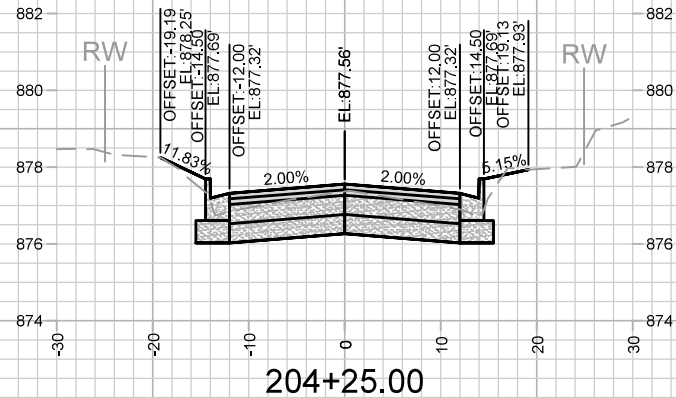
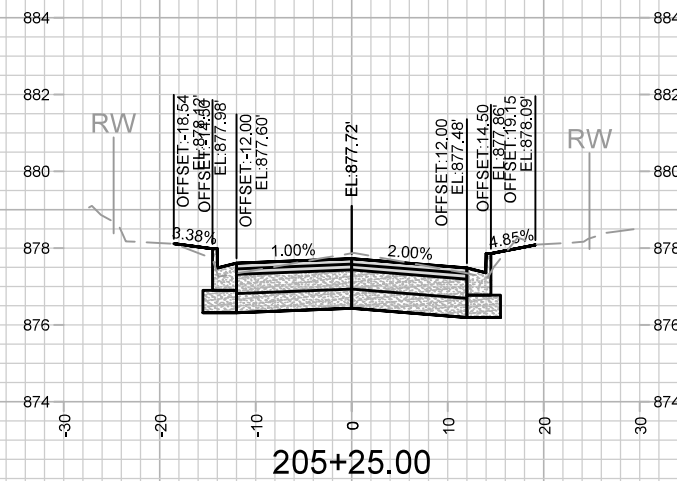
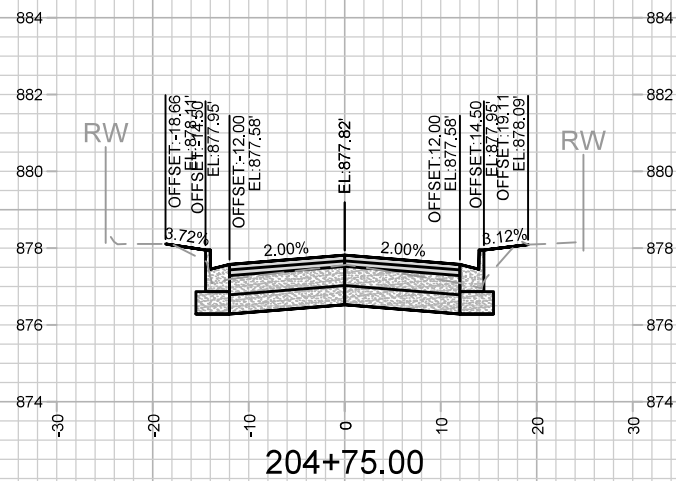
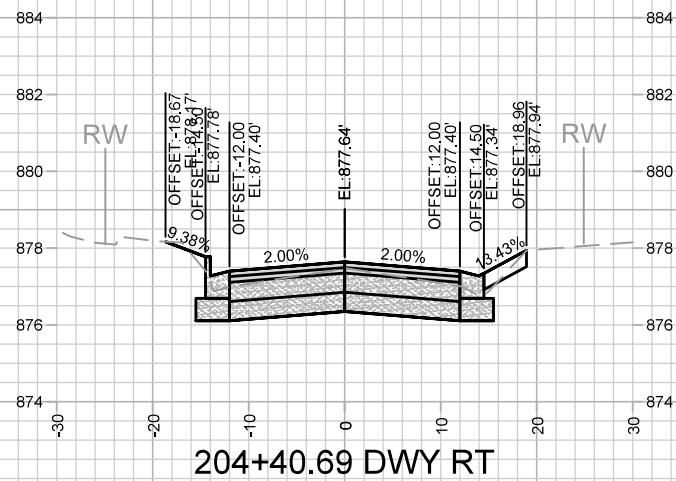
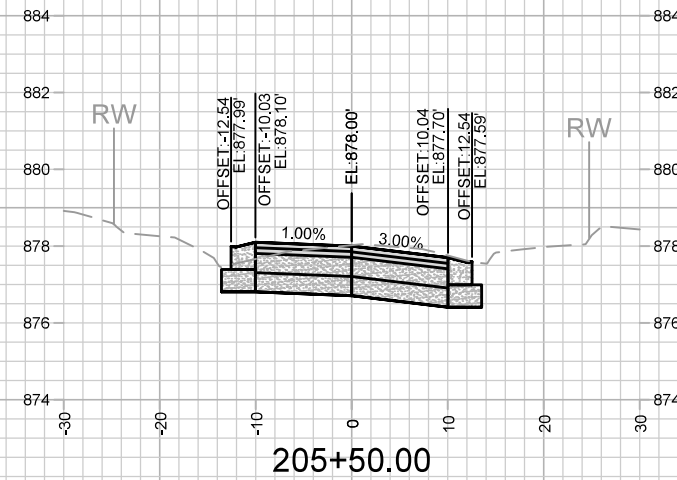
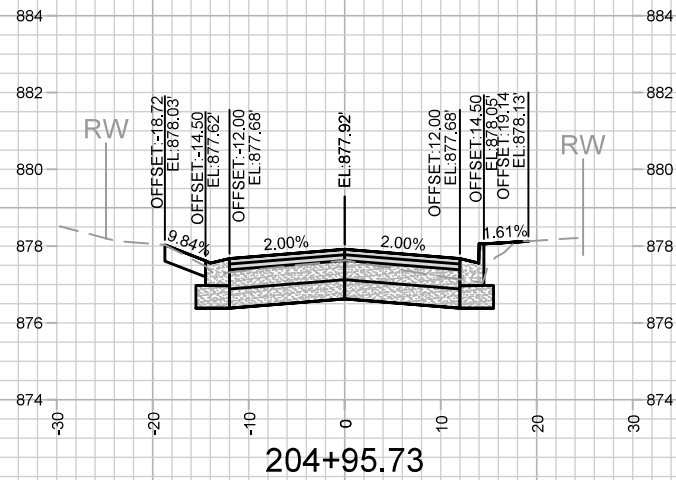
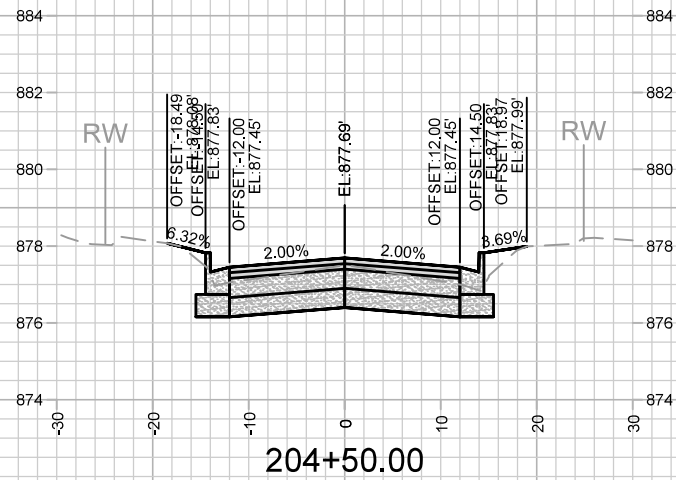
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MILLER AVENUE CROSS SECTIONS		14075
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI		8659
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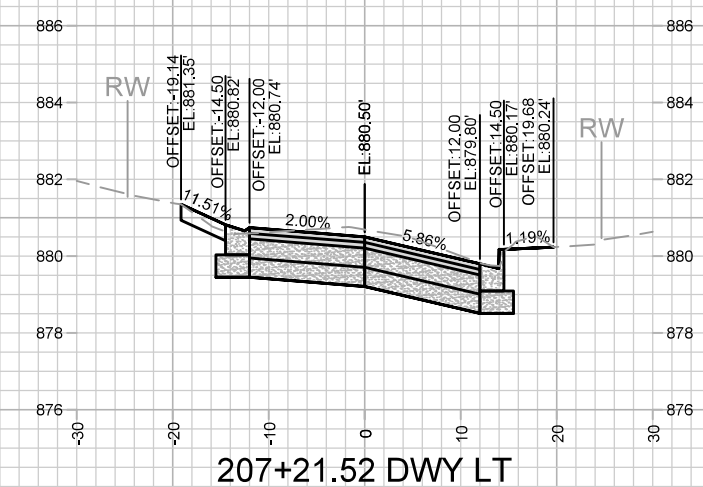
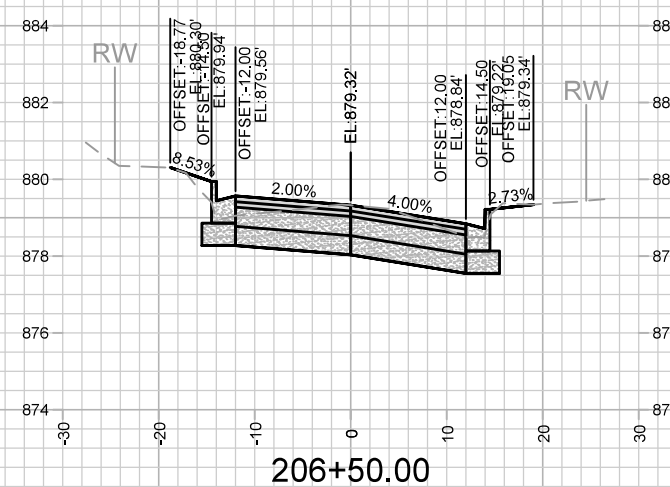
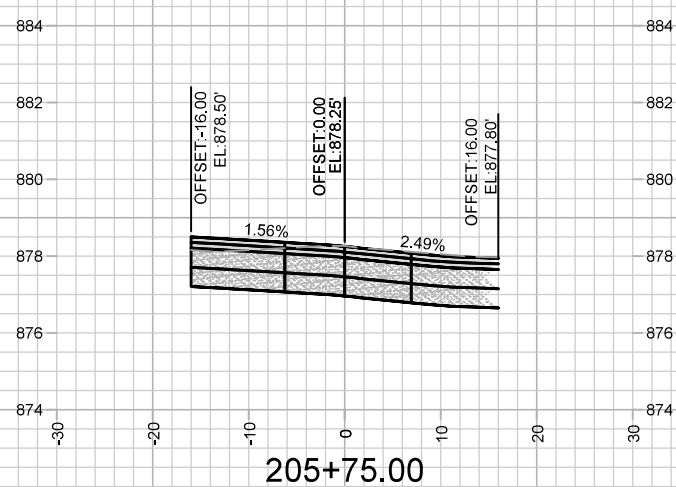
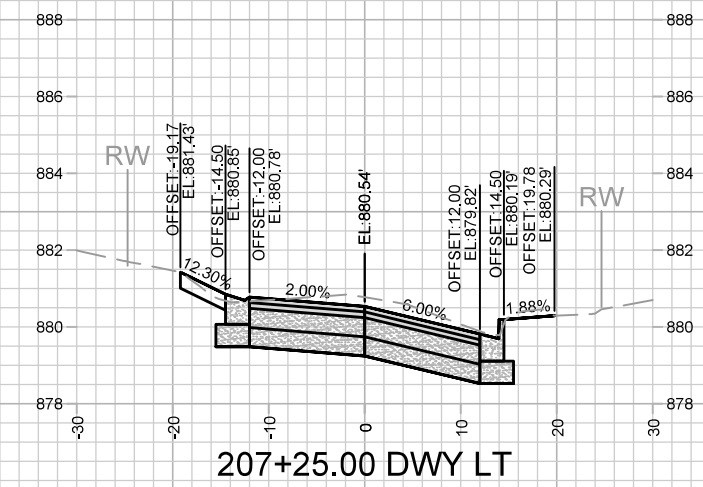
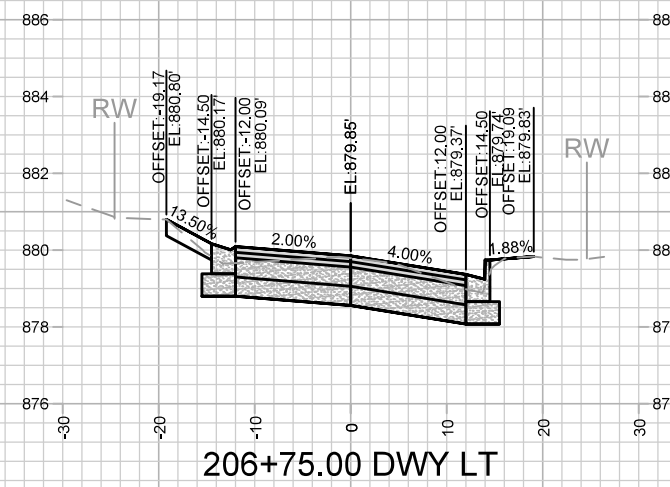
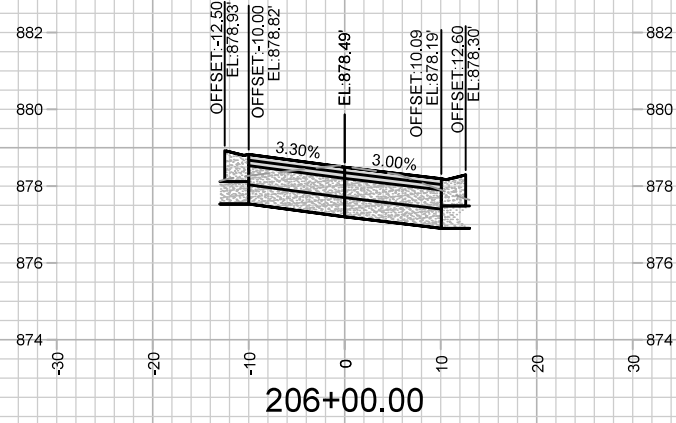
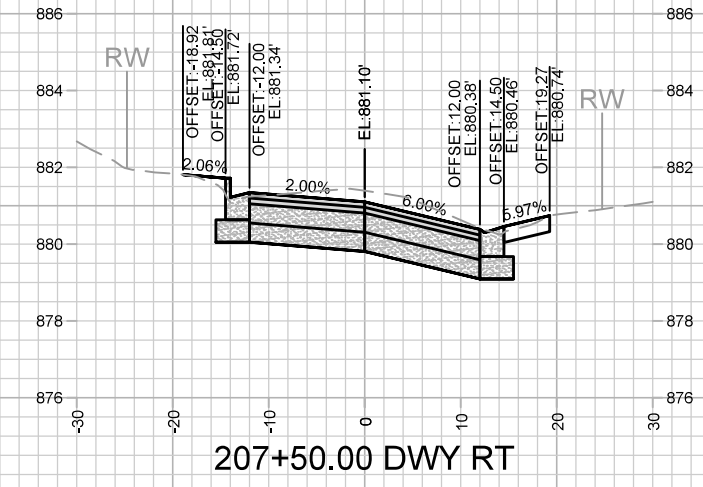
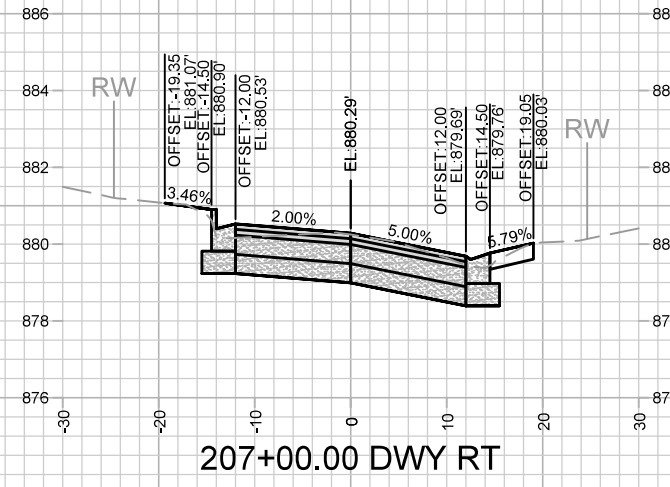
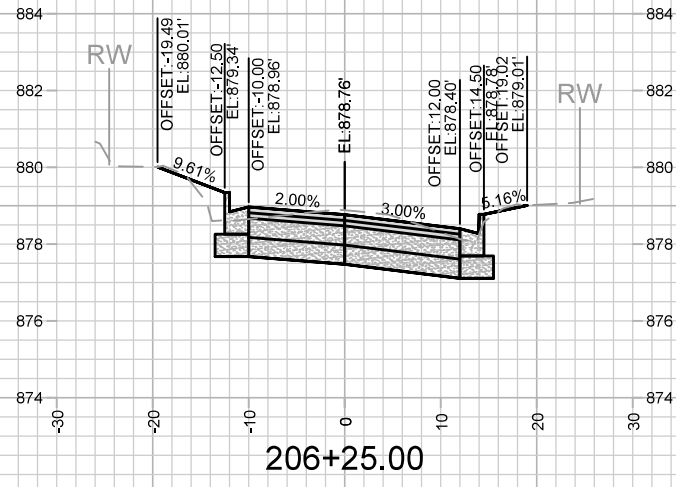
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MADISON, WI
8659
CONTRACT NO:

MILLER AVENUE CROSS SECTIONS
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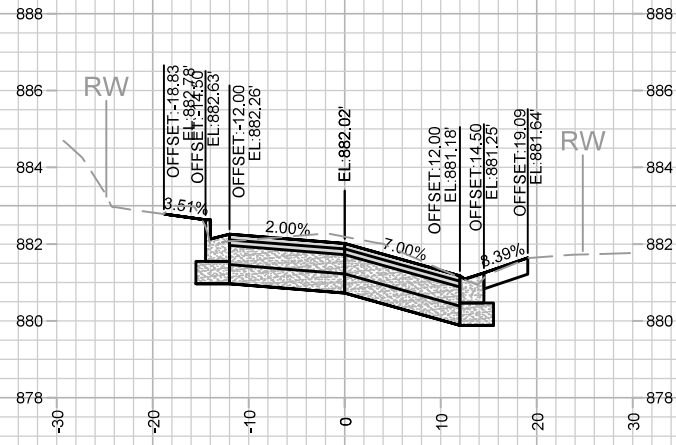
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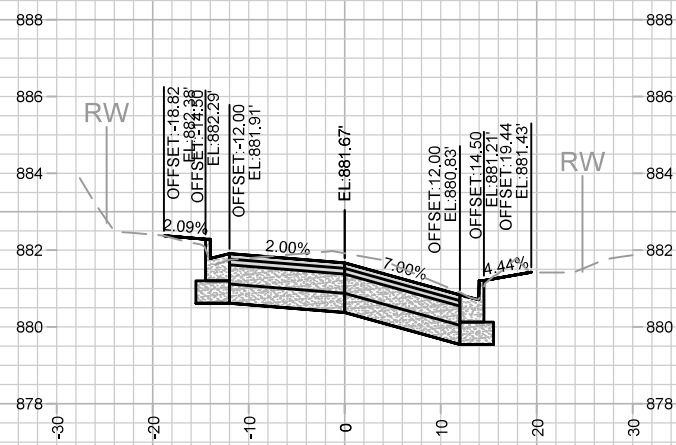
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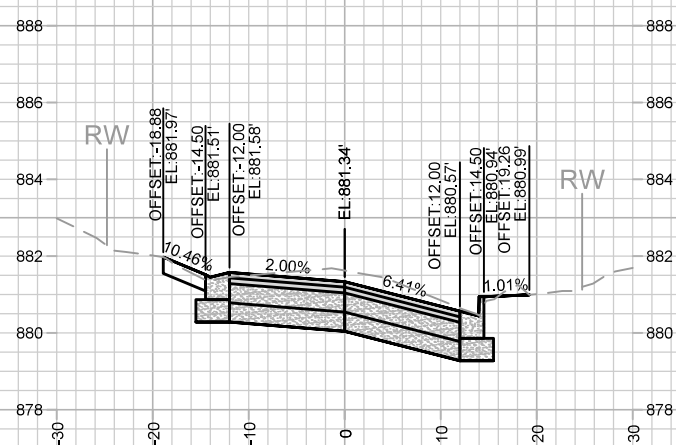
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MILLER AVENUE CROSS SECTIONS
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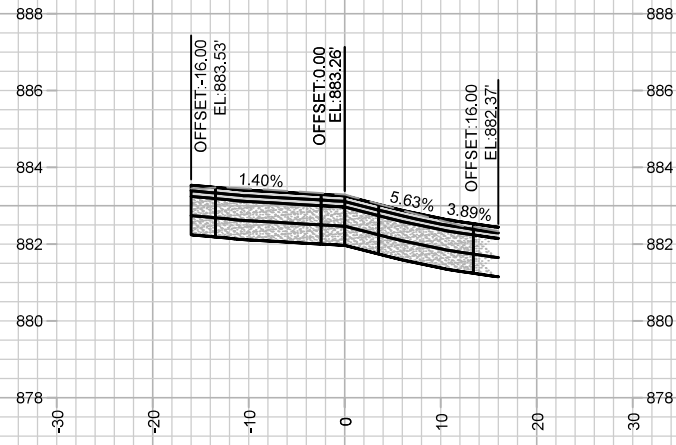
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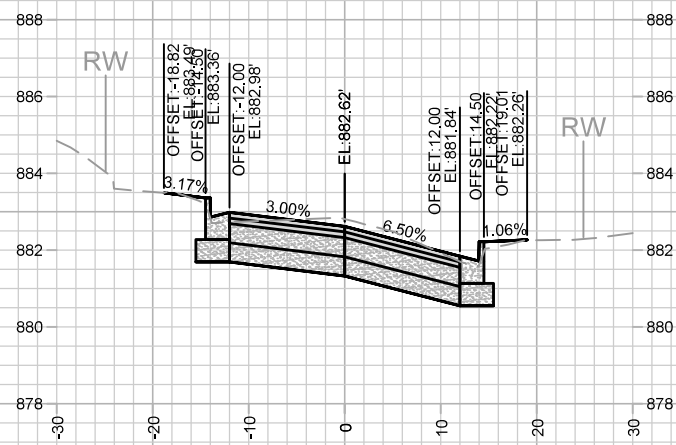
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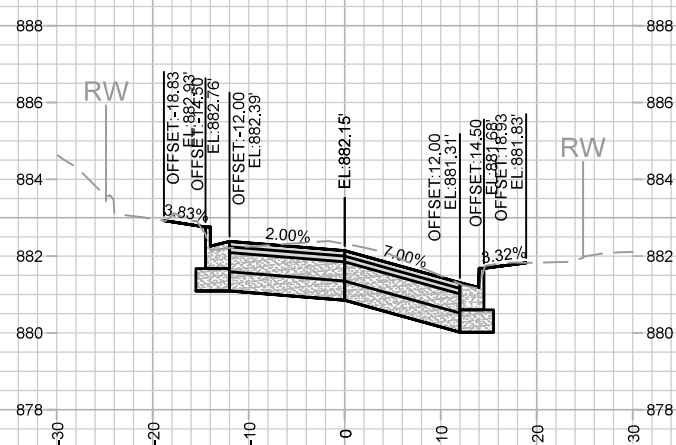
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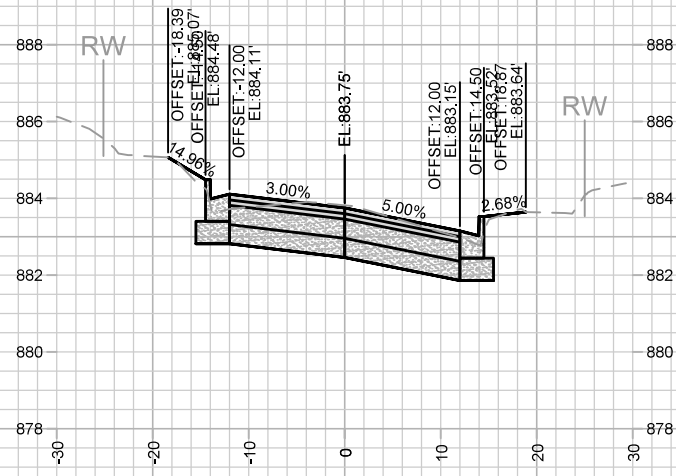
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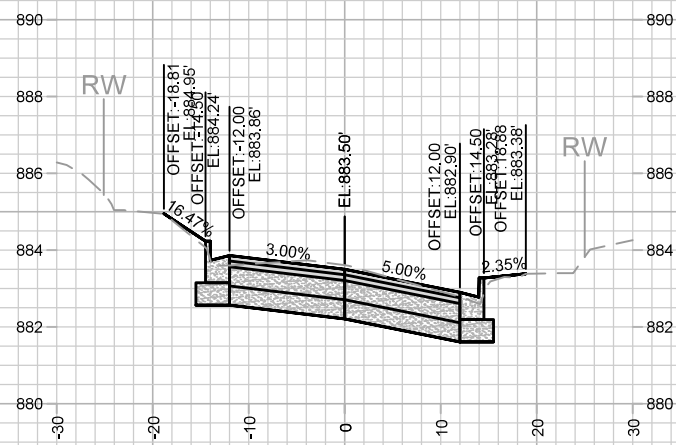
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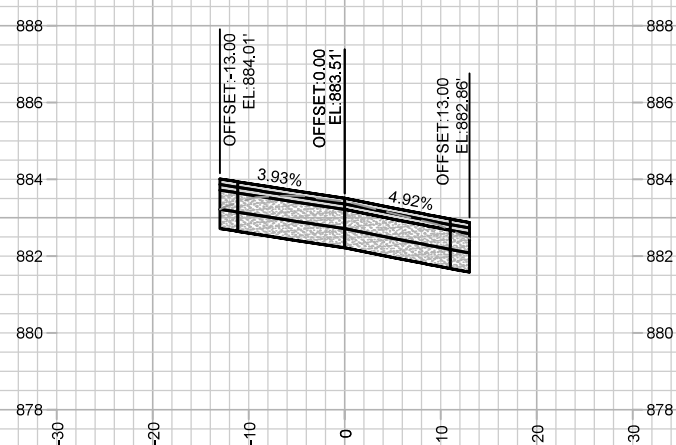
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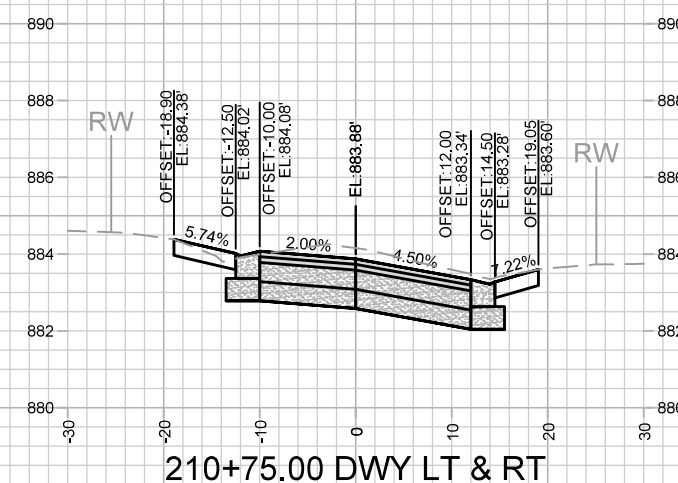
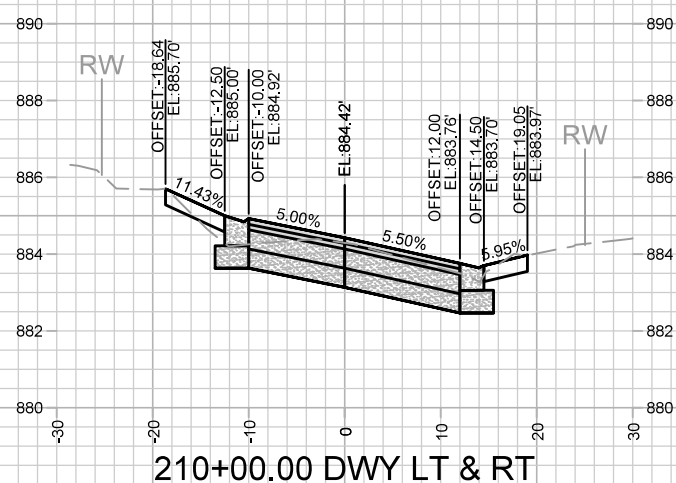
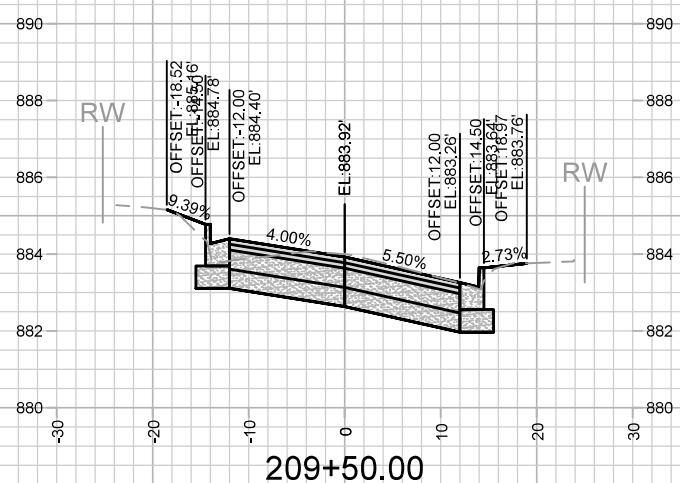
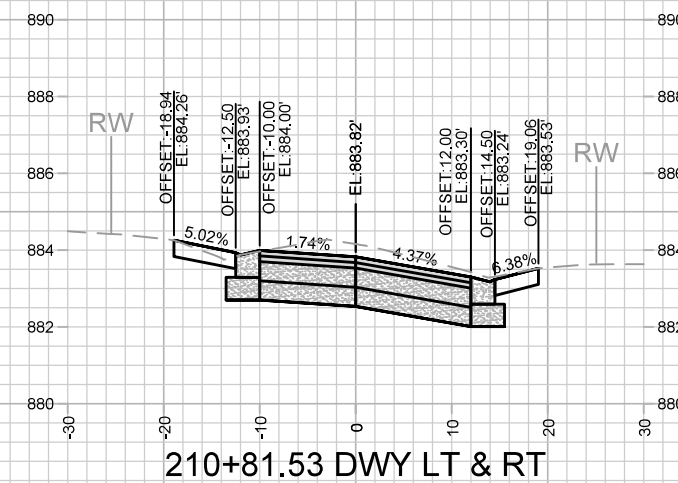
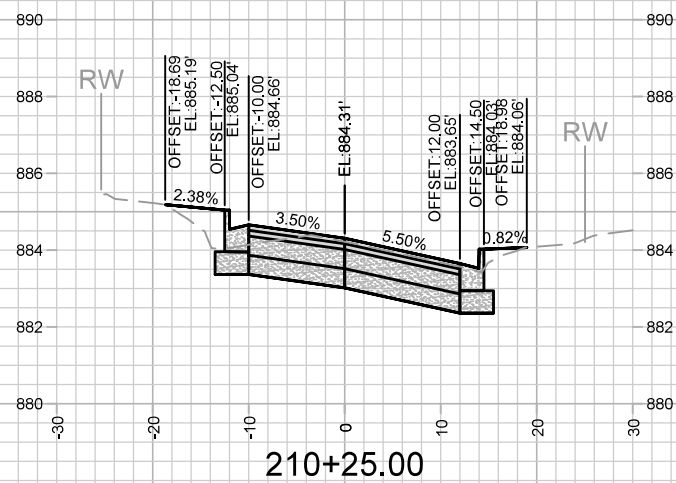
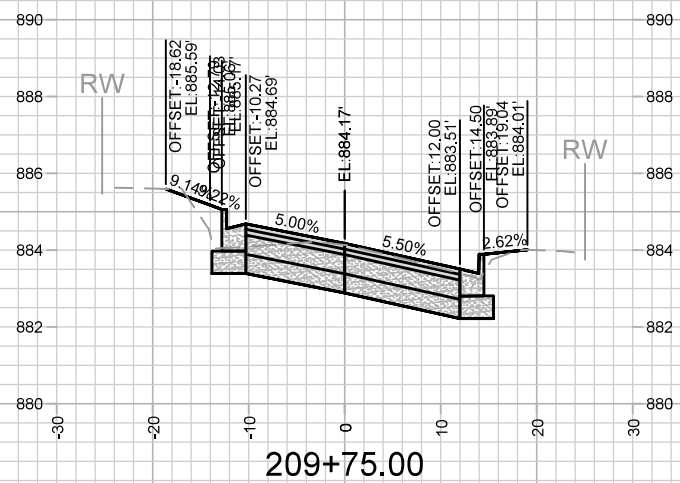
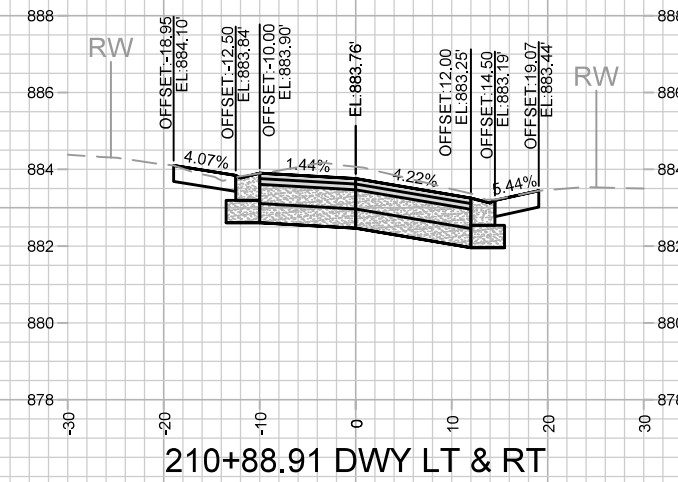
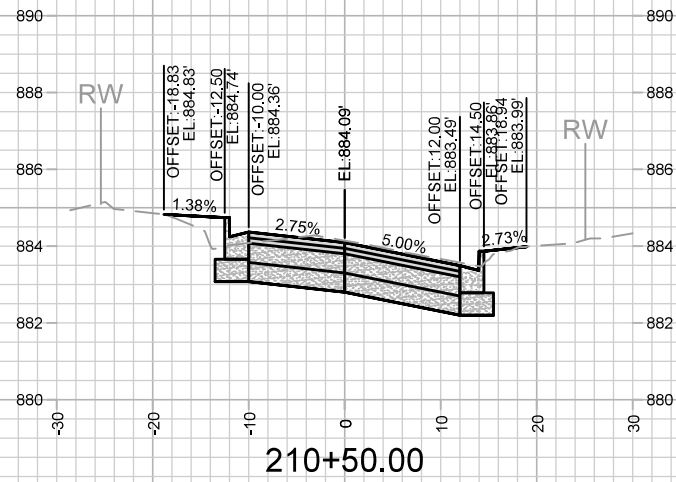
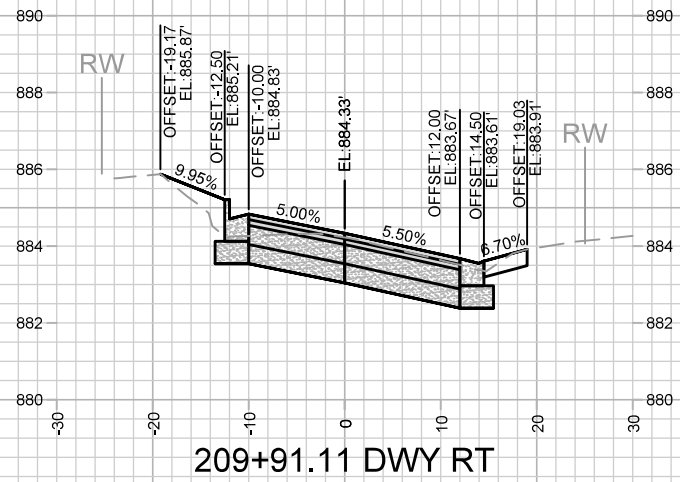
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 8659
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MILLER AVENUE CROSS SECTIONS
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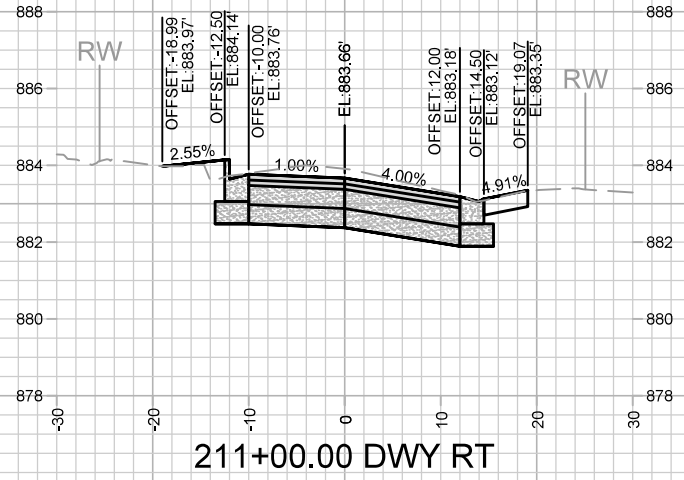
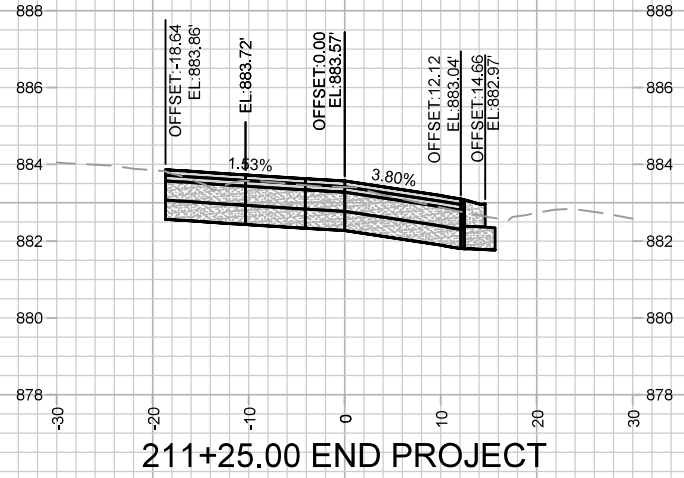
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MADISON, WI
8659
CONTRACT NO:

MILLER AVENUE CROSS SECTIONS
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
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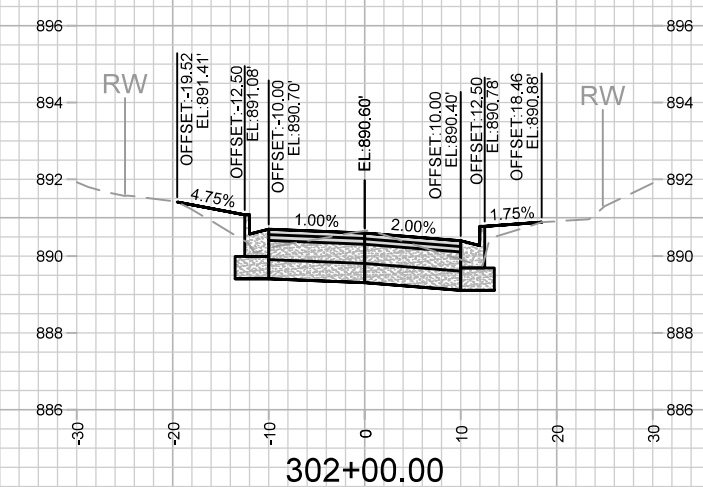
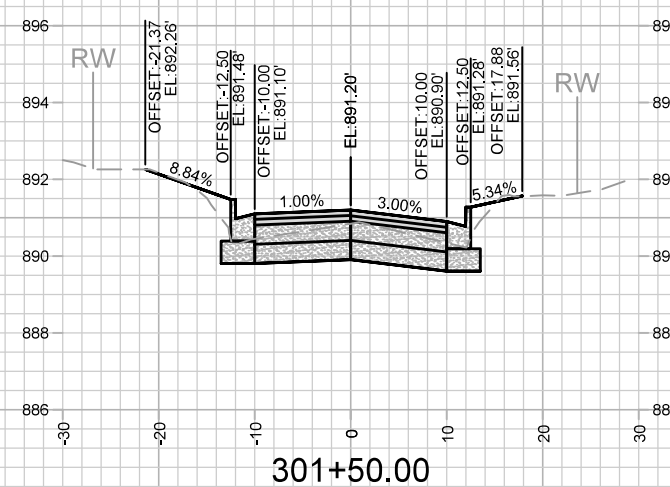
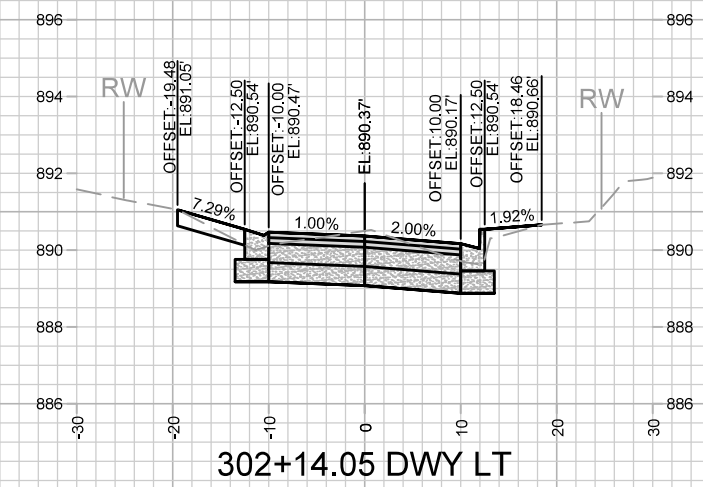
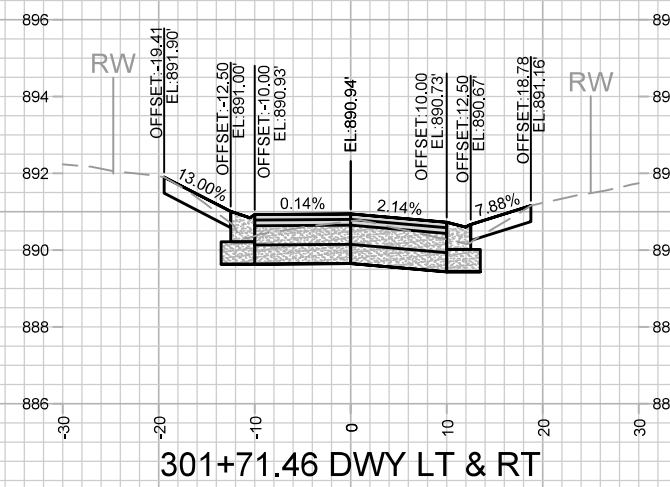
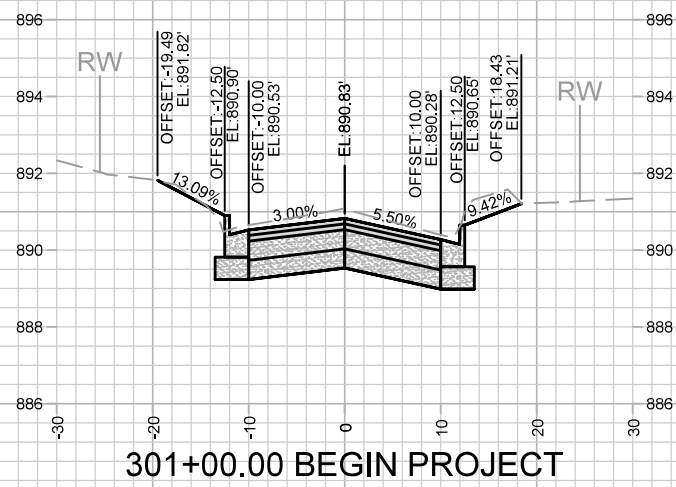
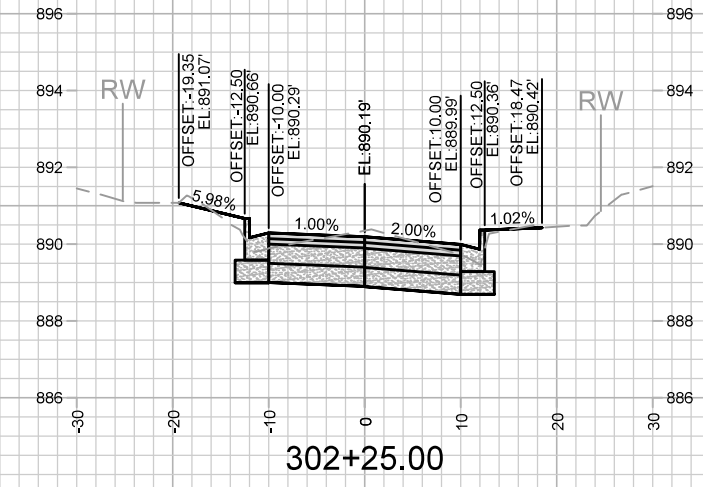
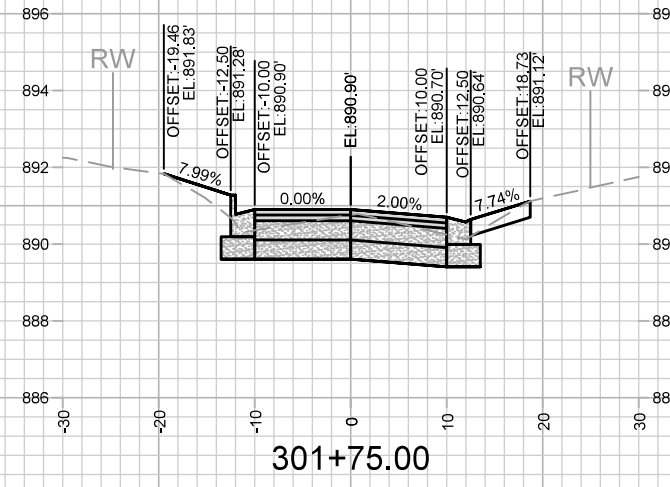
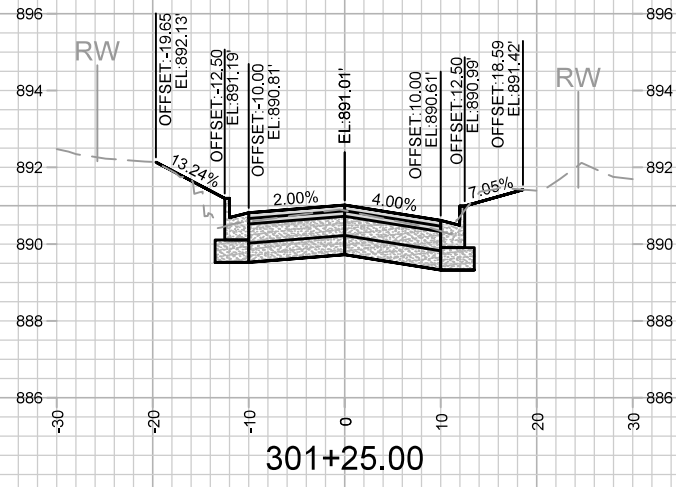
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14075
 MILLER AVENUE CROSS SECTIONS
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI
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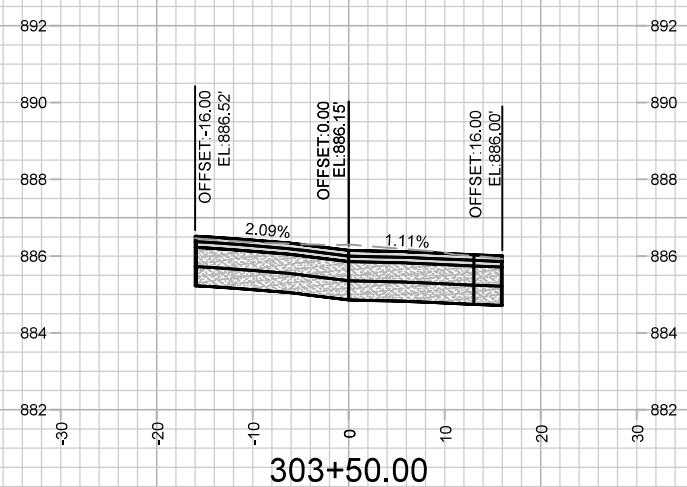
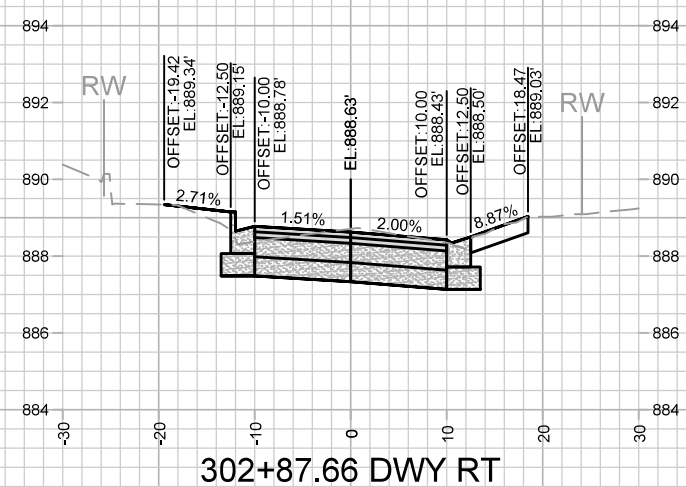
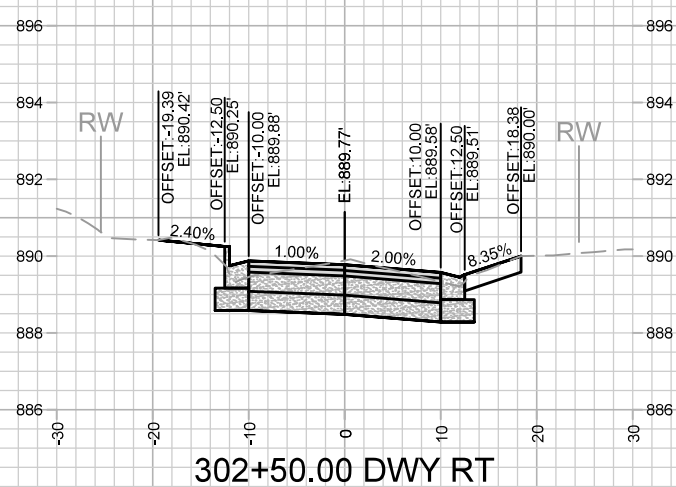
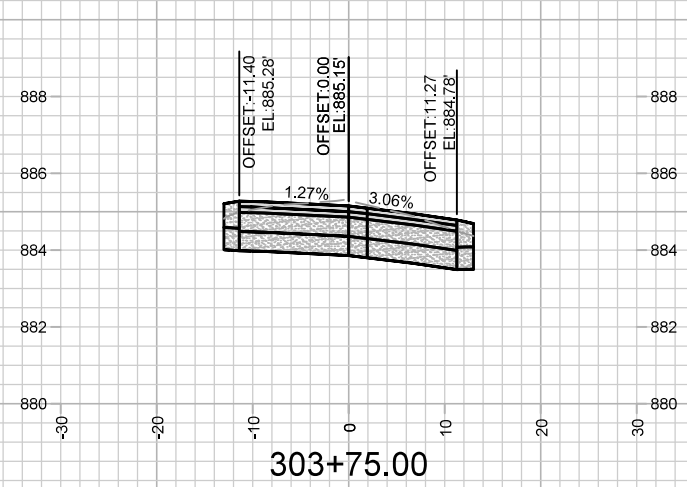
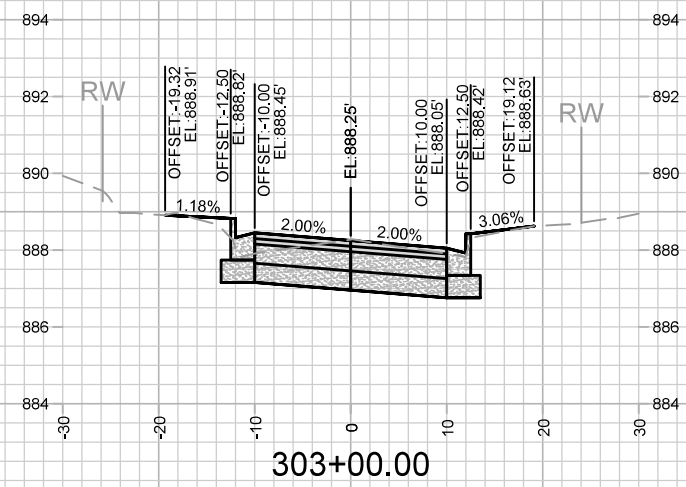
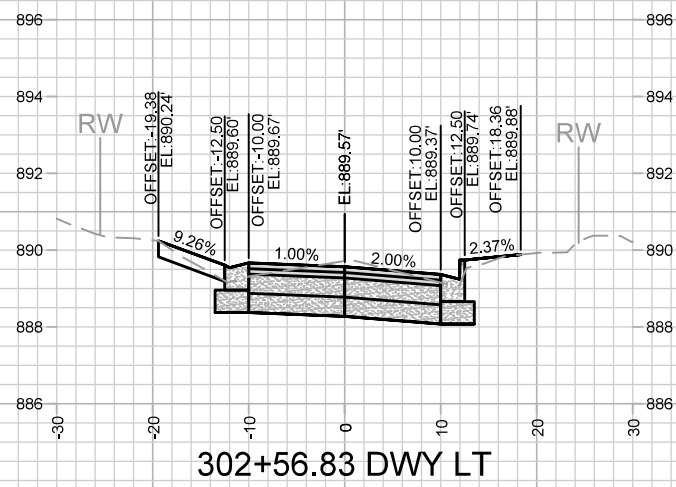
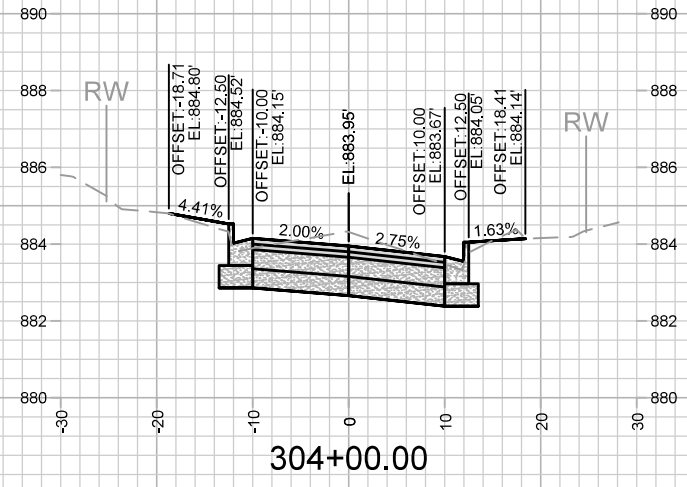
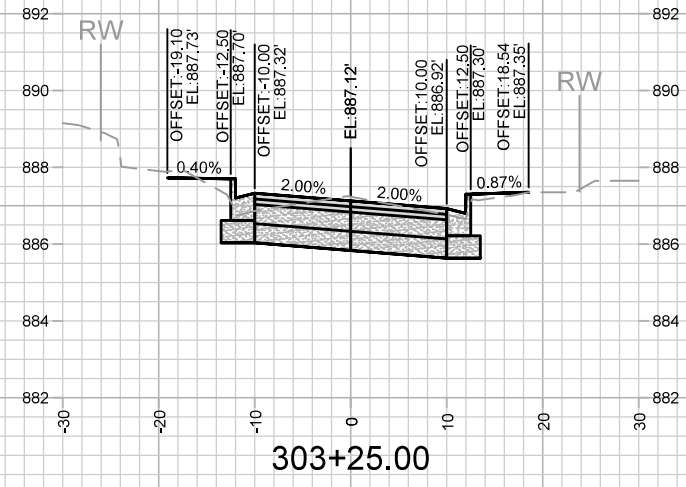
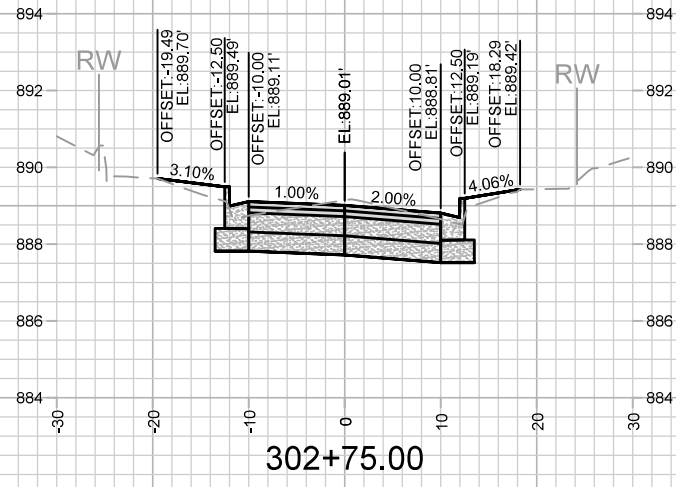
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Scale: 1" = 20'
14075
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14075
MADISON, WI
8659
CONTRACT NO:

WILLARD AVENUE CROSS SECTIONS
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE

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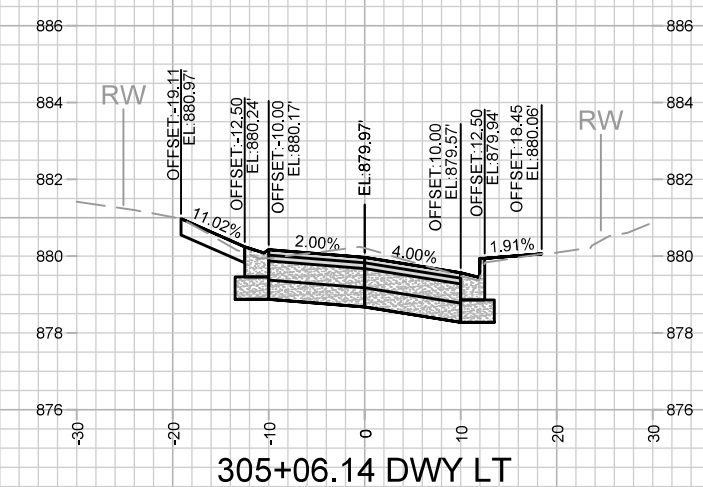
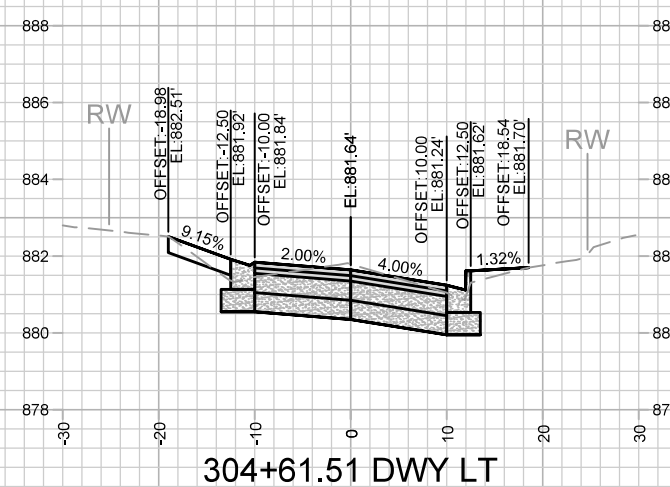
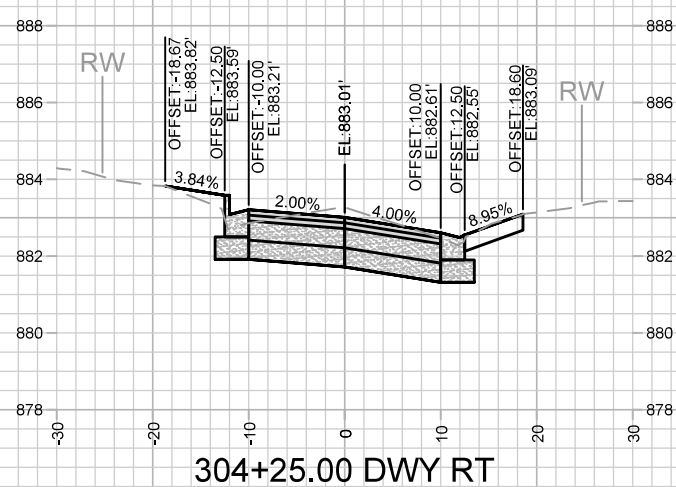
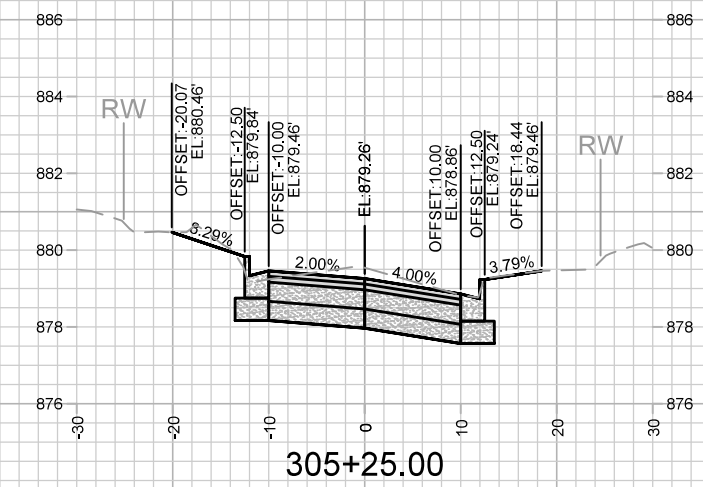
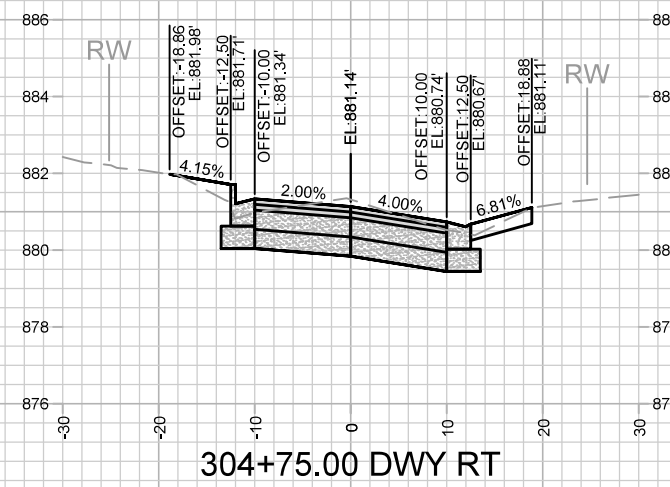
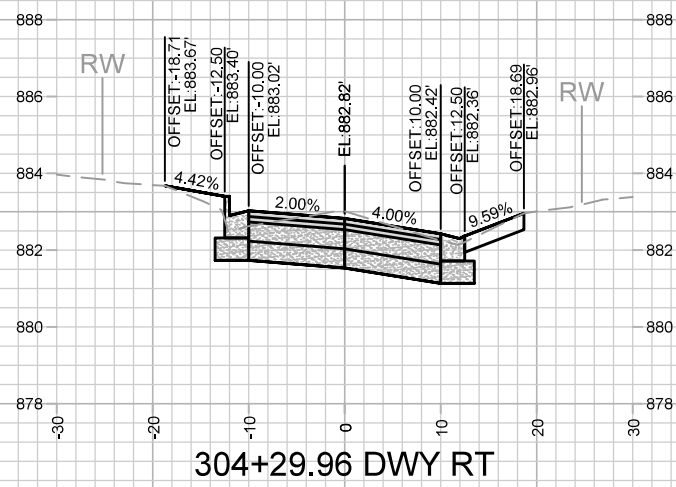
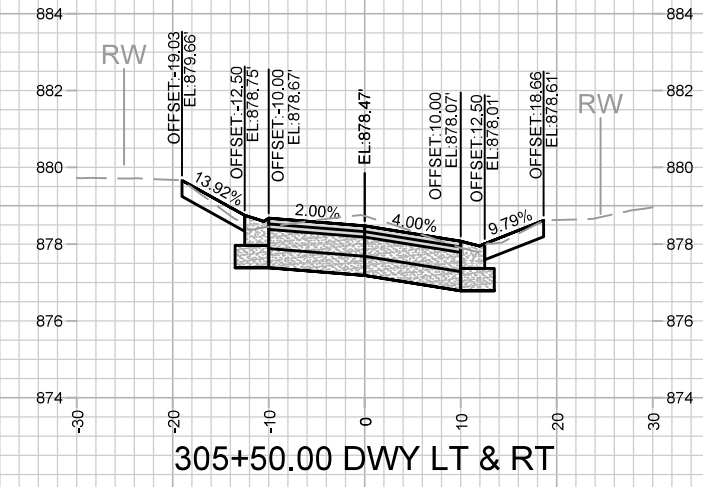
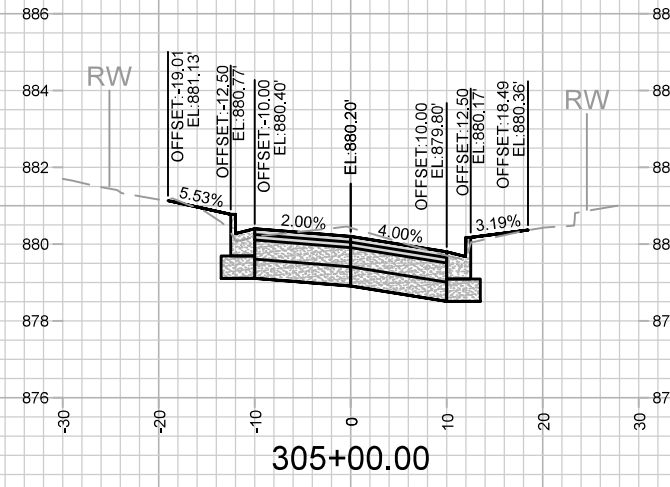
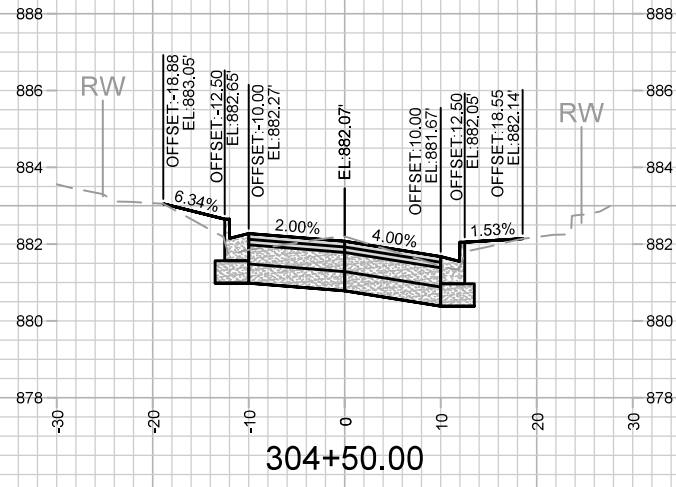
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14075
MADISON, WI
8659
CONTRACT NO:

WILLARD AVENUE CROSS SECTIONS
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
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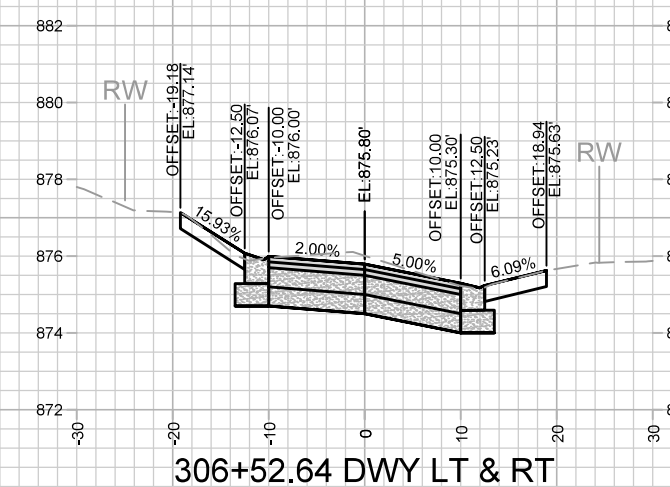
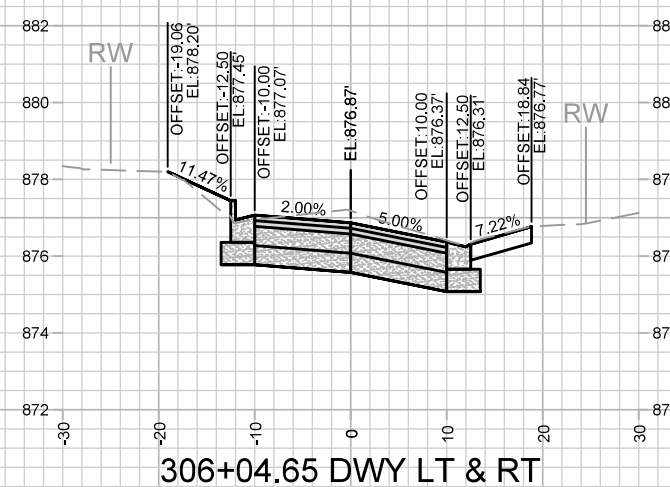
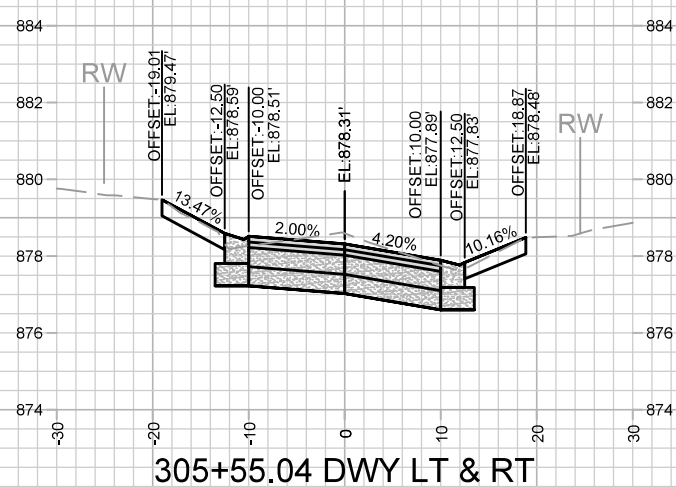
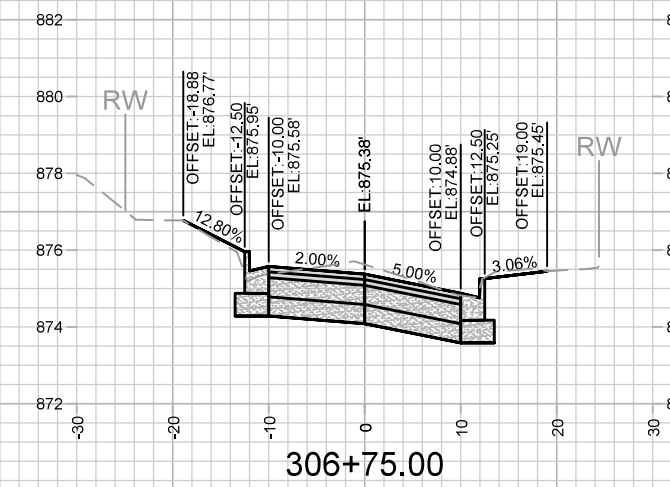
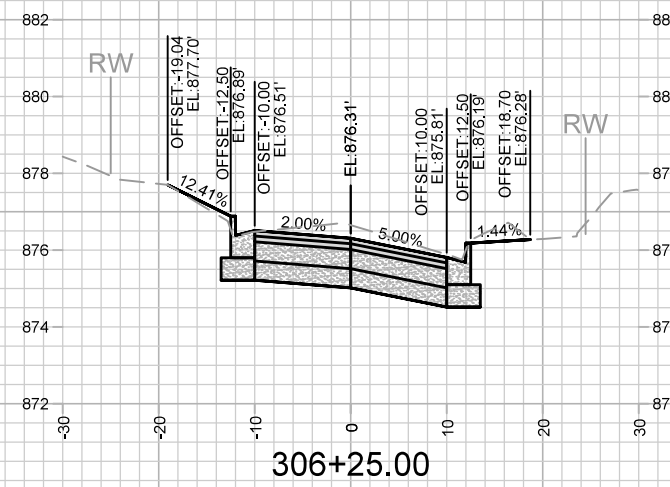
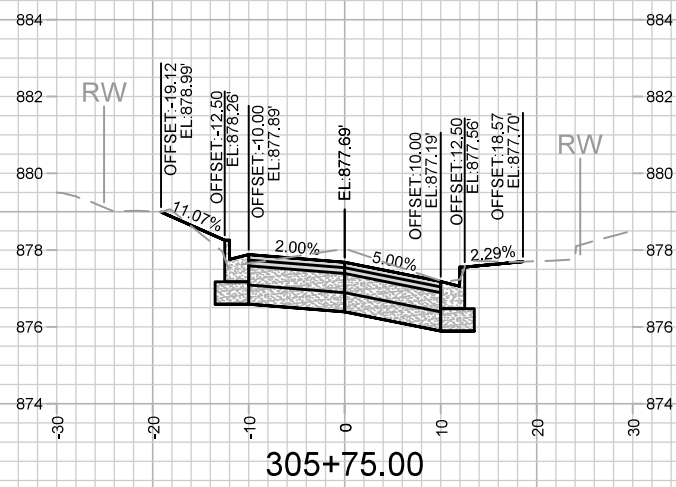
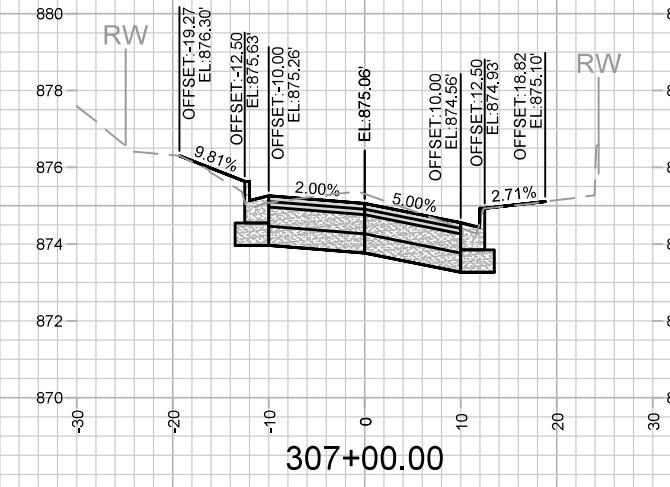
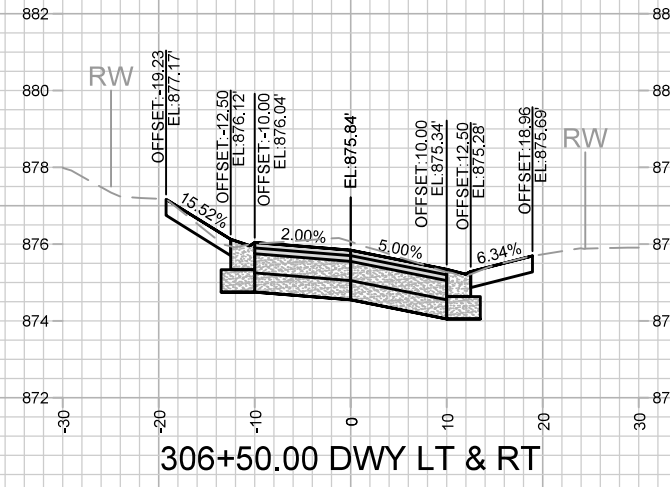
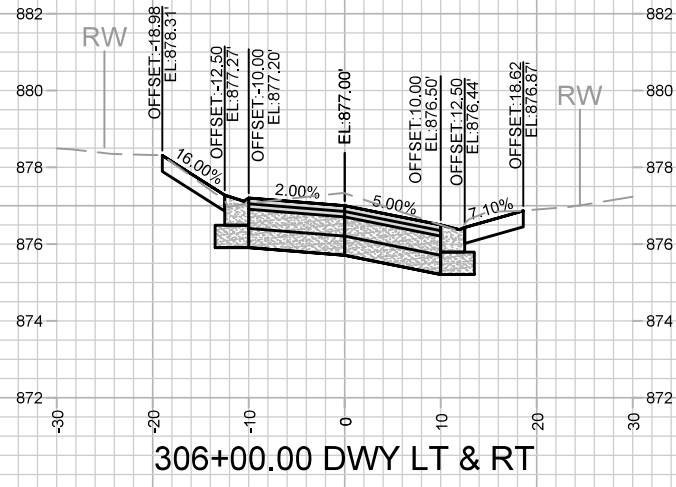




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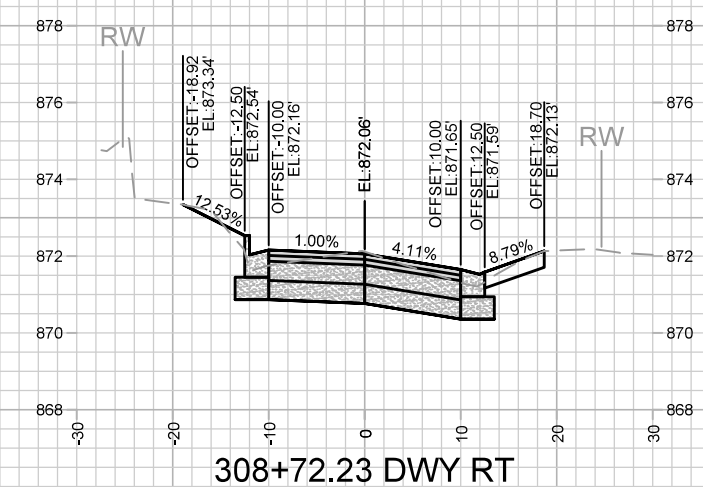
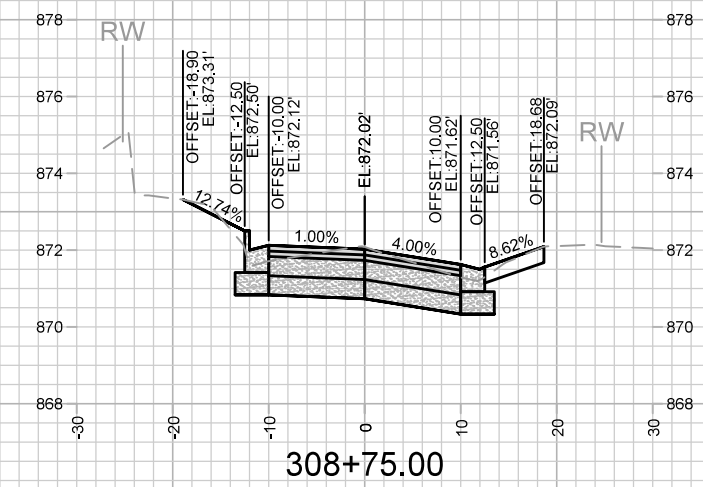
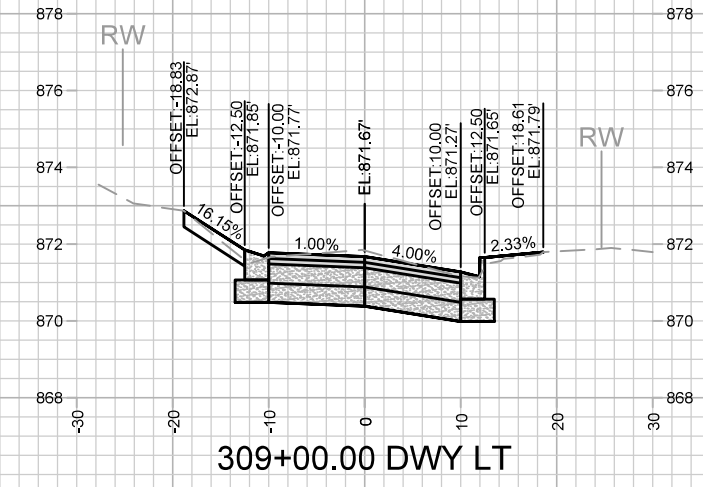
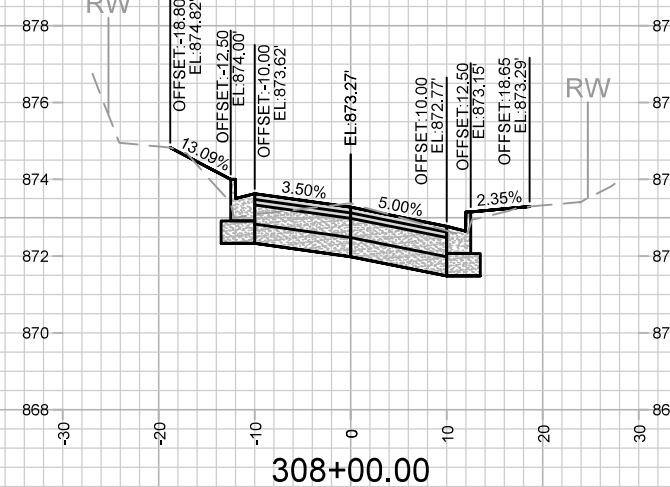
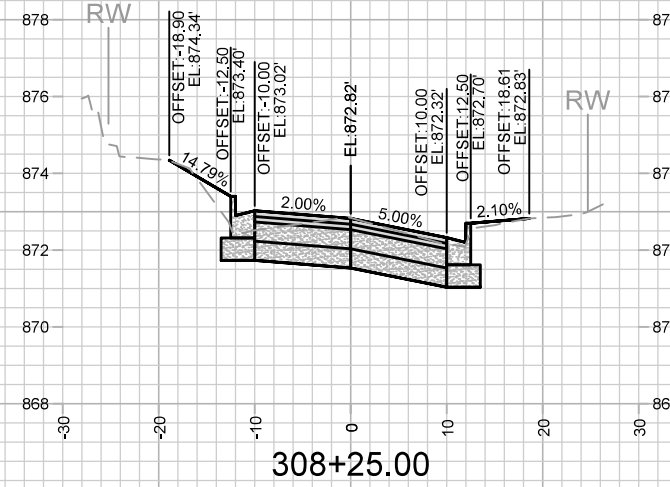
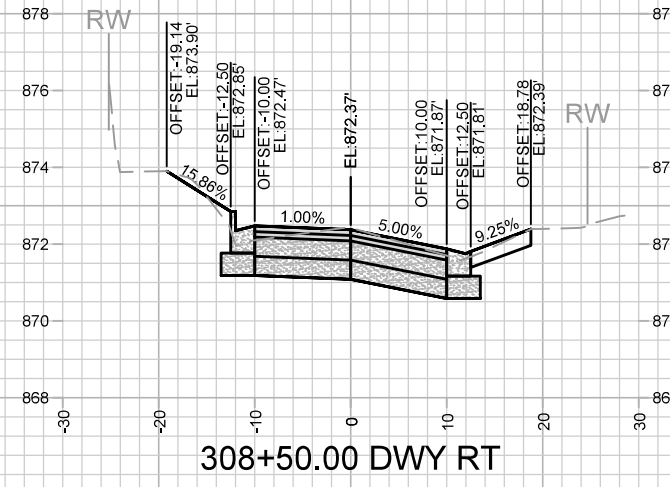
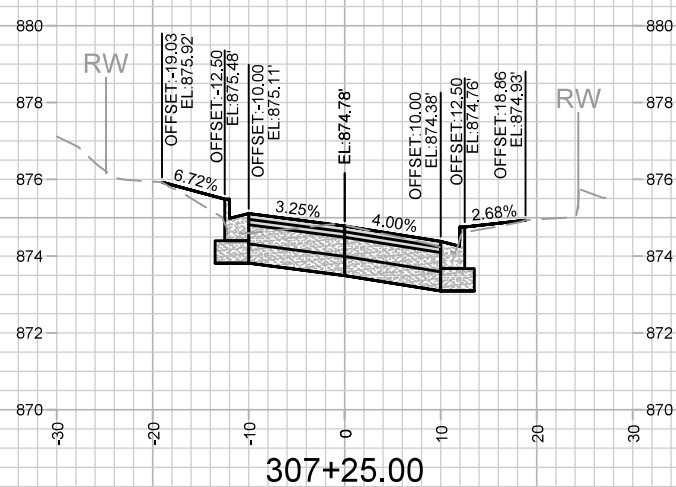
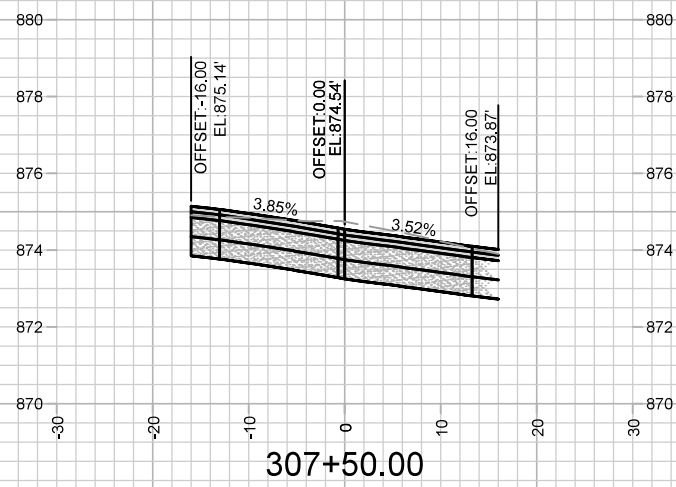
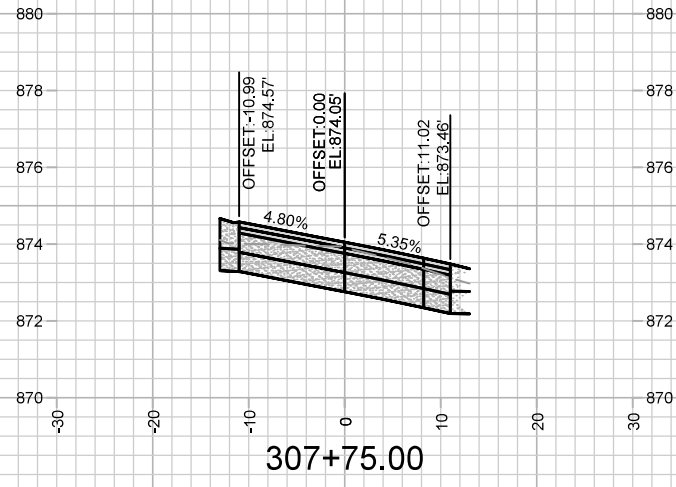
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 WILLARD AVENUE CROSS SECTIONS
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI
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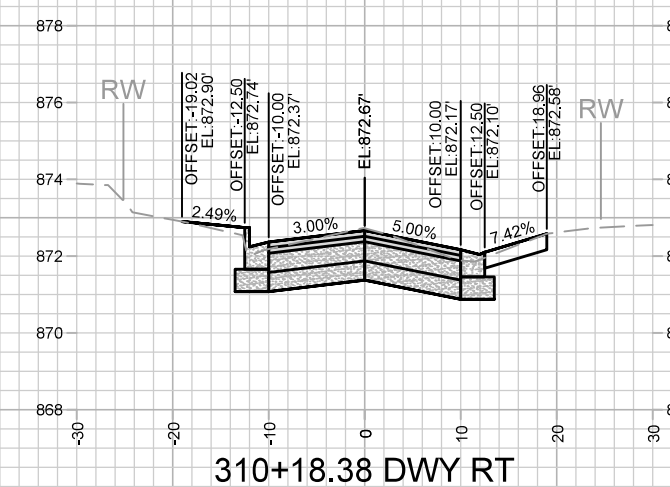
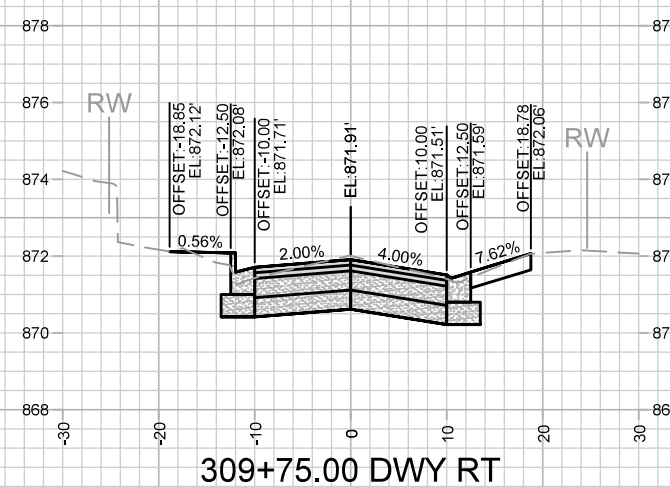
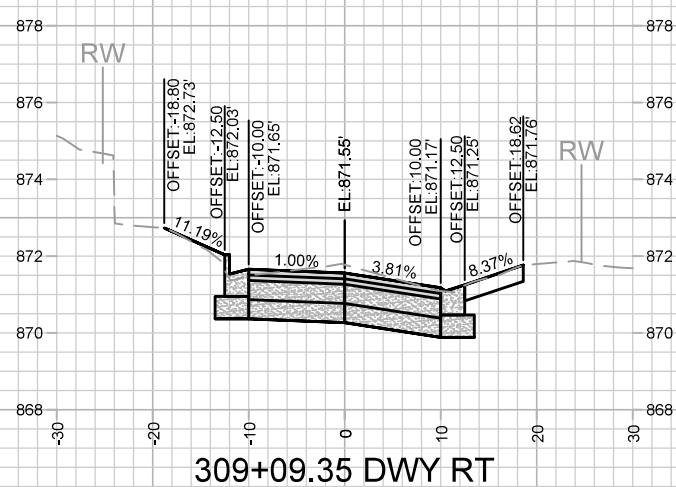
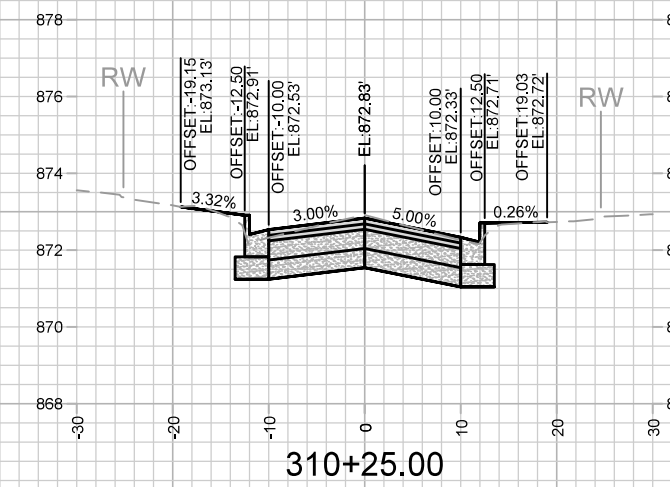
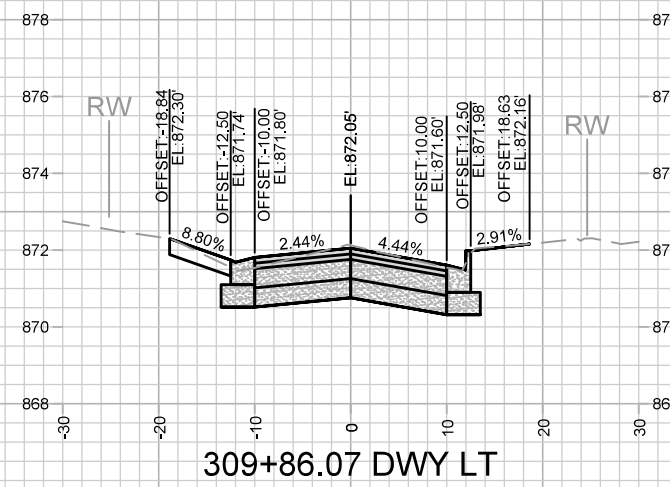
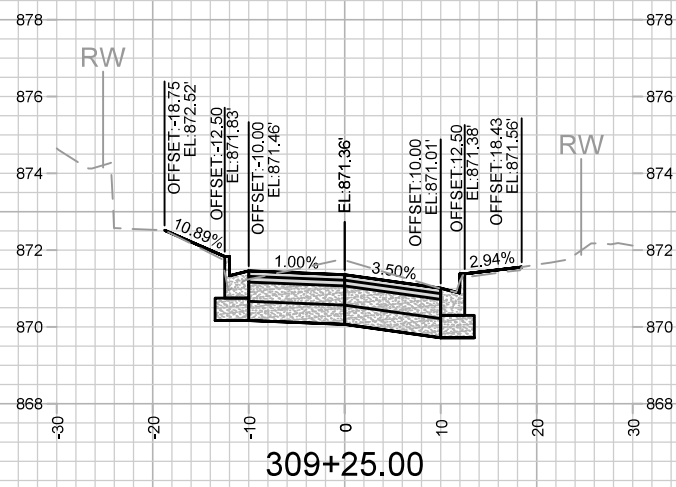
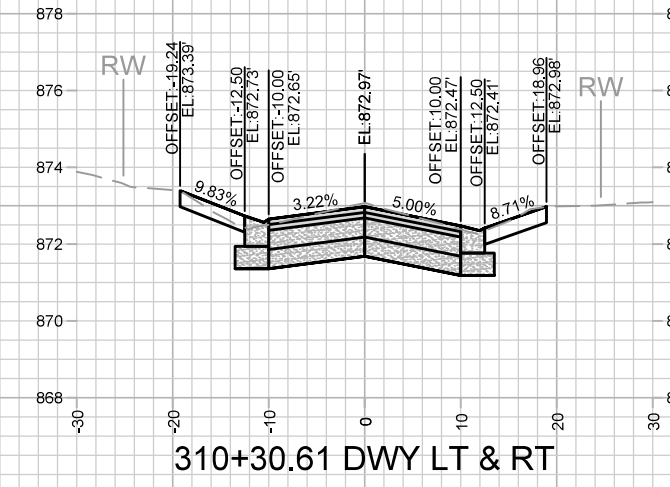
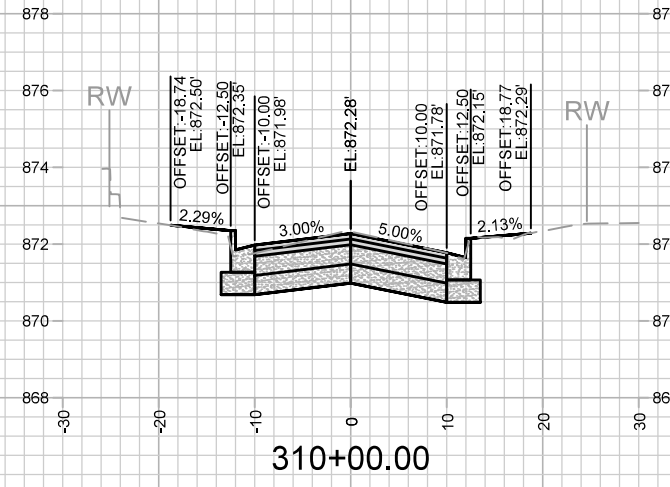
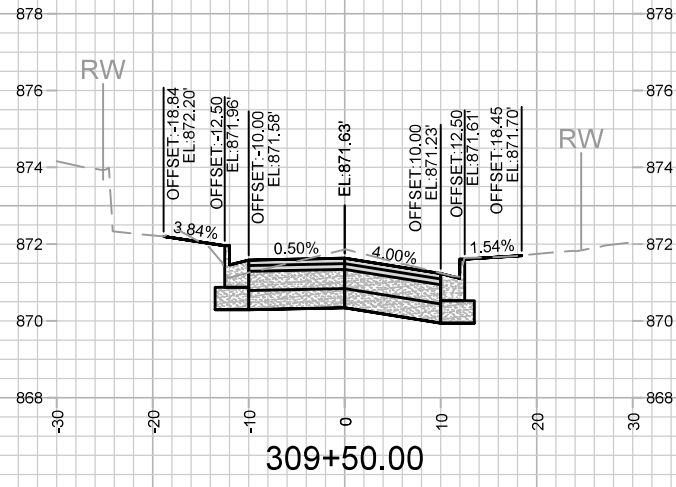


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 8659
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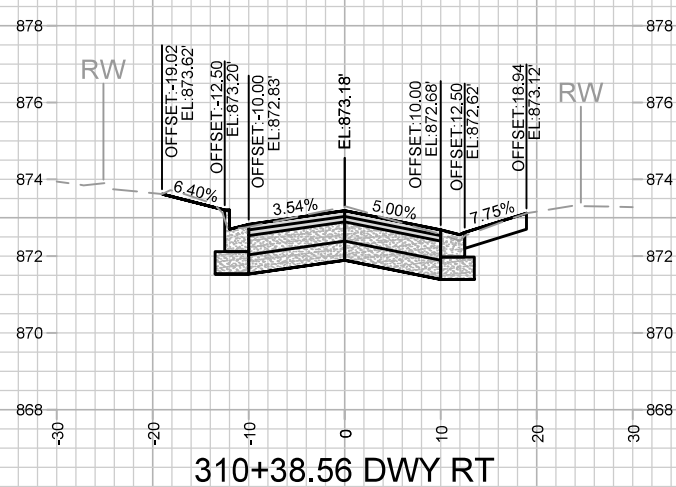
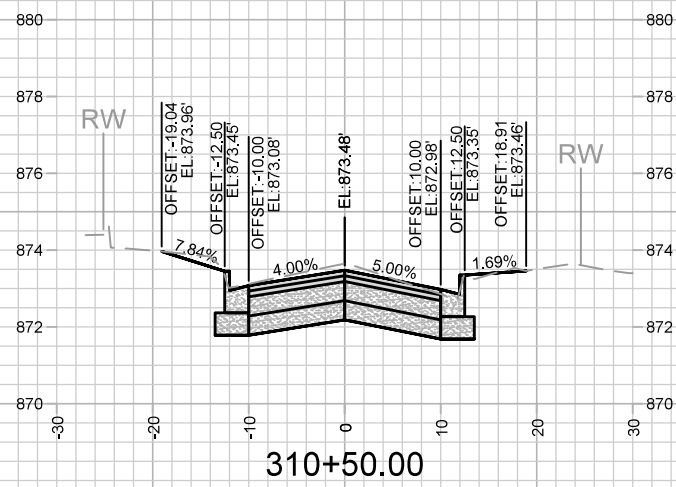
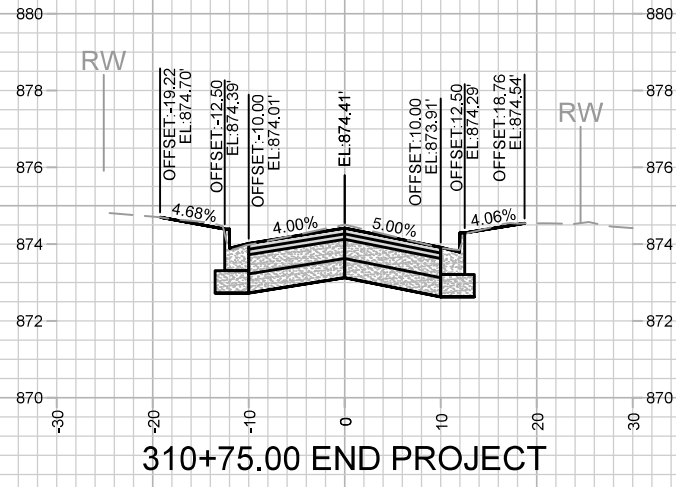
WILLARD AVENUE CROSS SECTIONS
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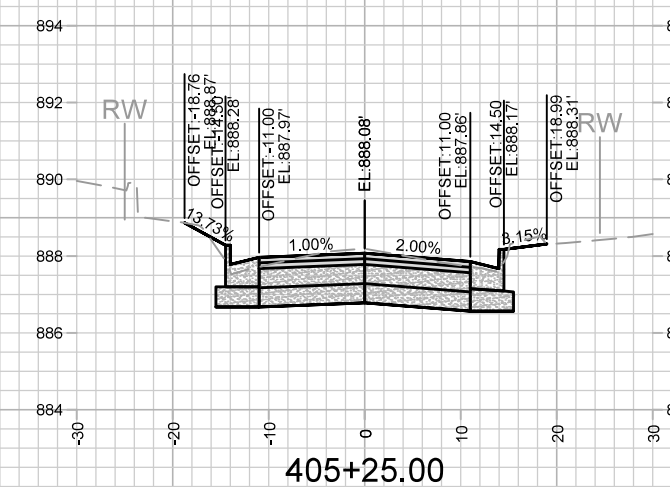
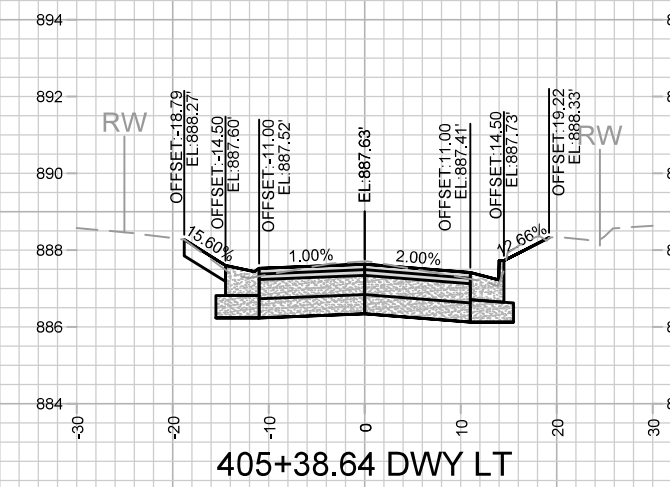
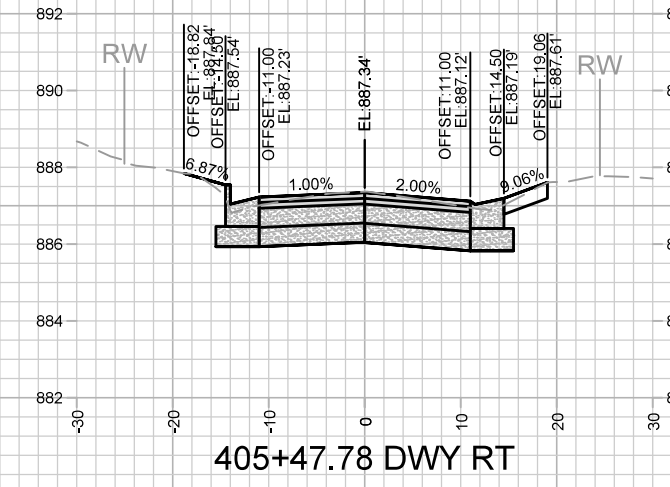
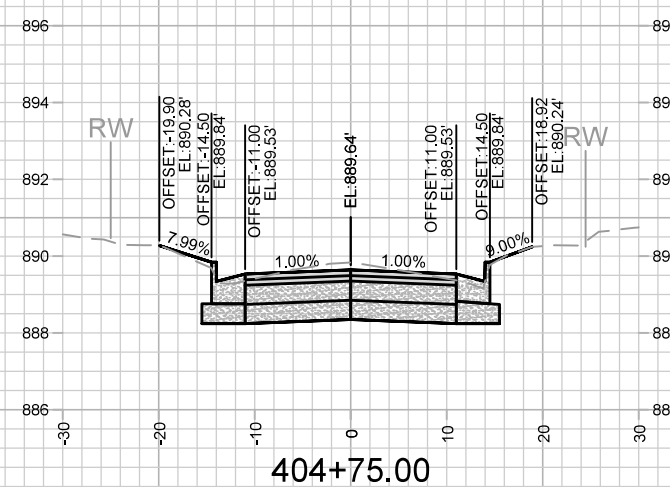
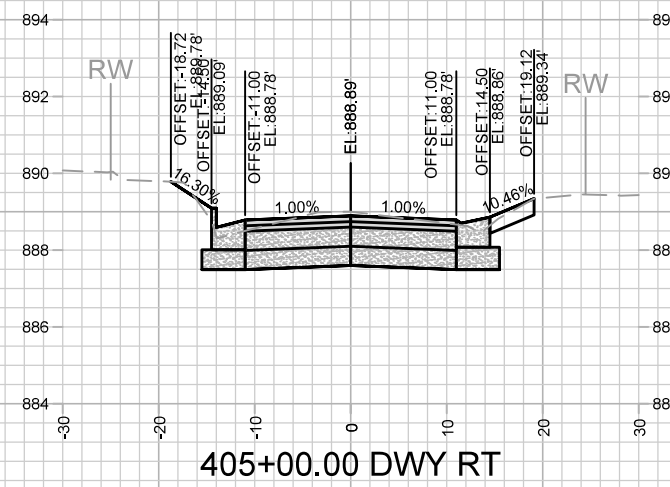
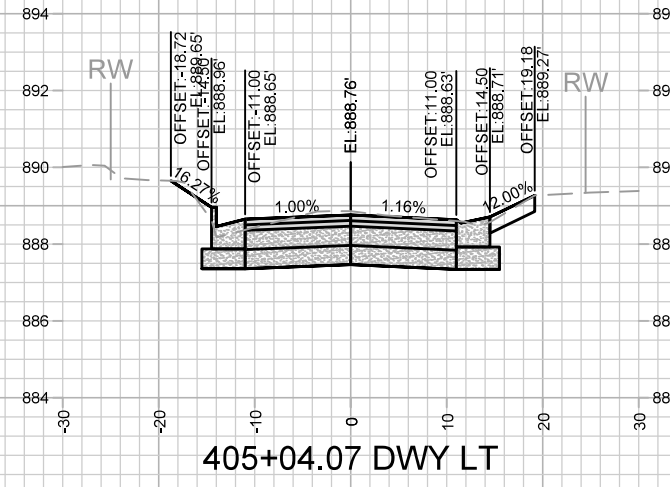
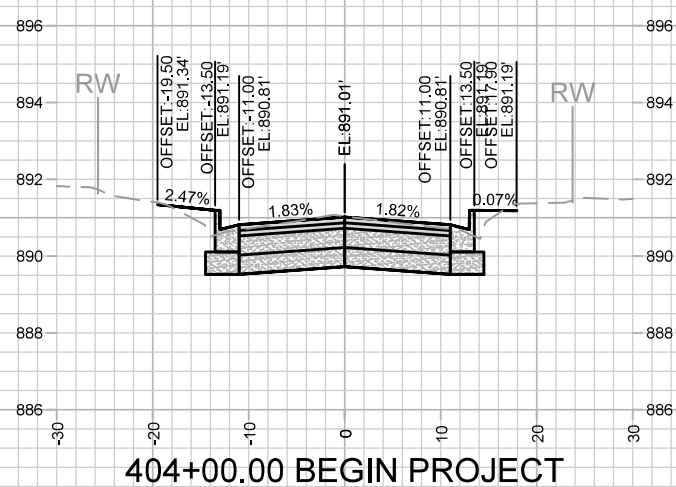
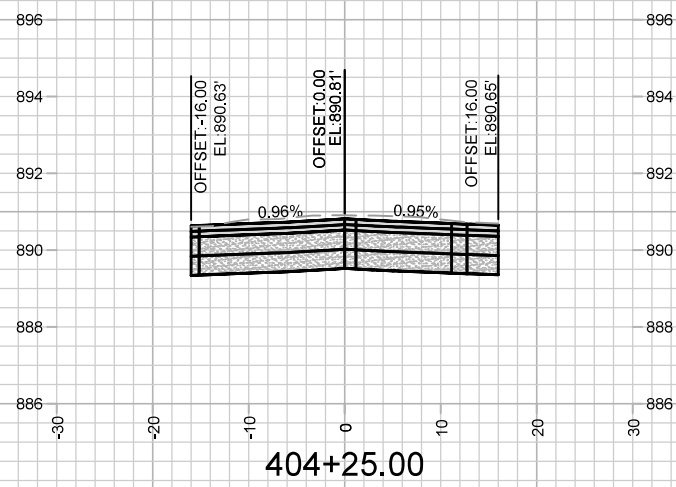
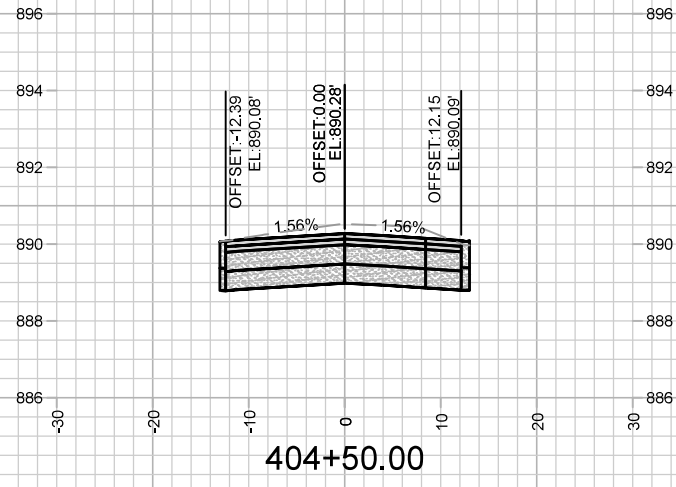


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 WILLARD AVENUE CROSS SECTIONS
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 CONTRACT NO: 8659



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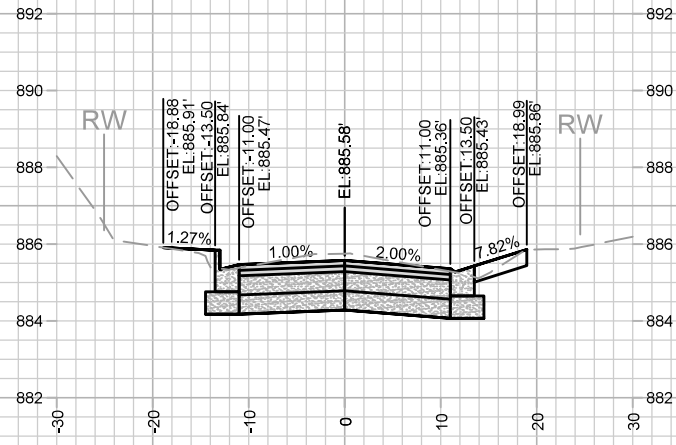
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 MADISON, WI
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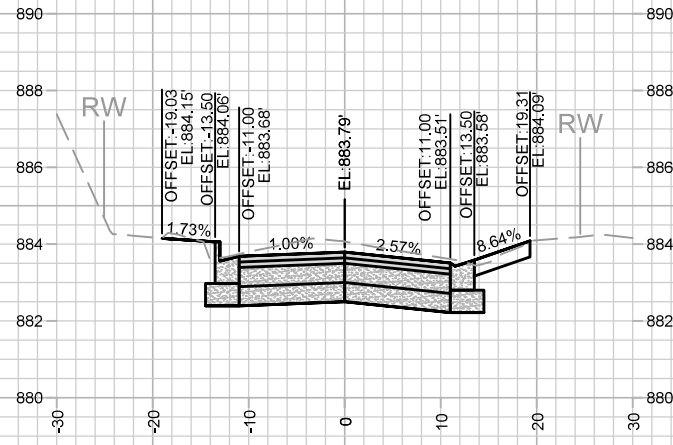
CENTER AVENUE CROSS SECTIONS
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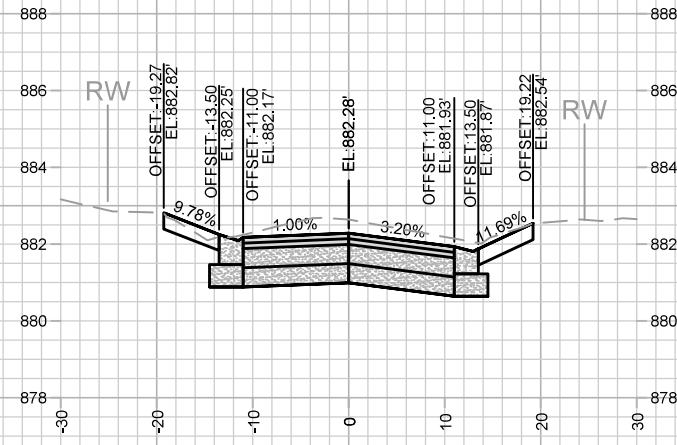
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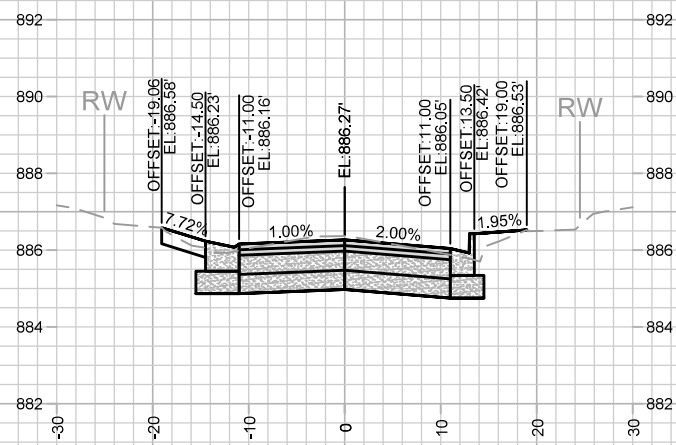
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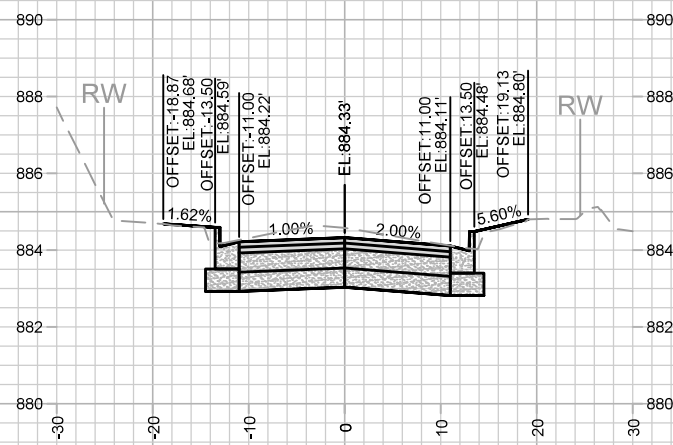
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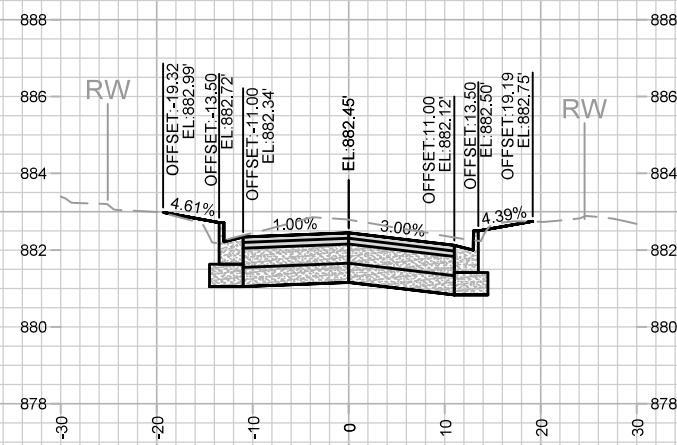
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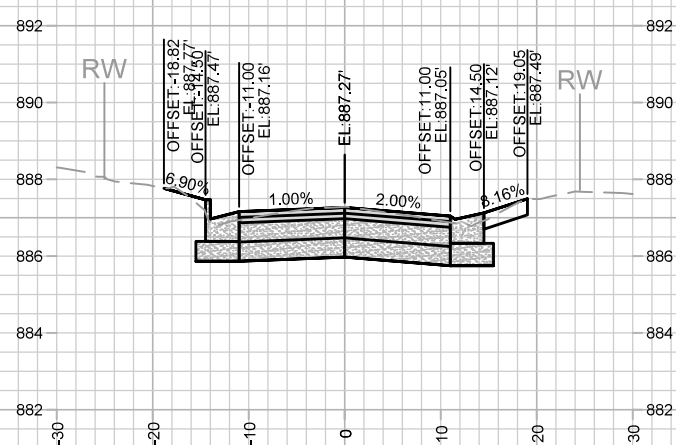
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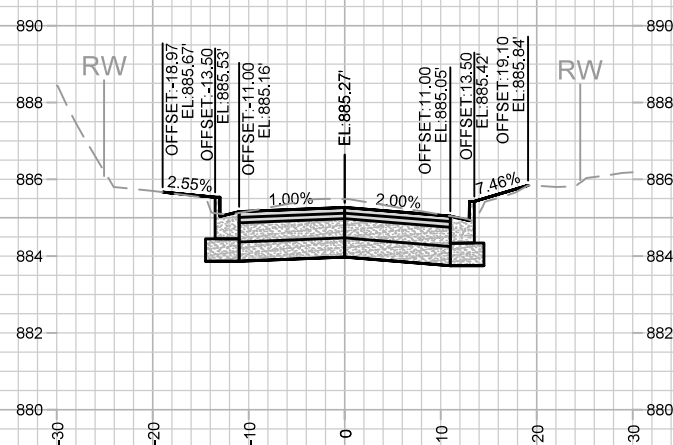
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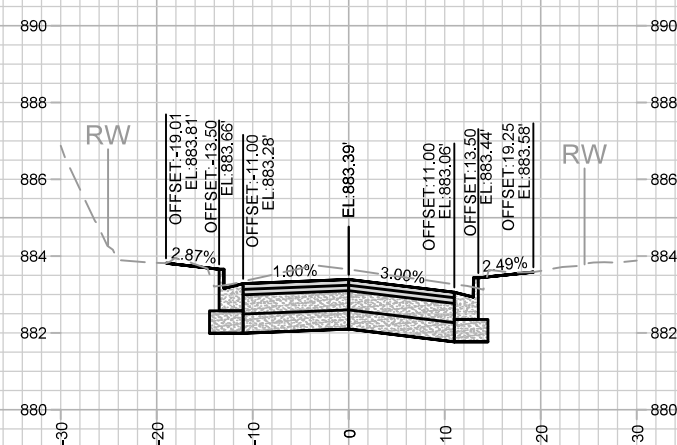
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406+00.00



406+50.00

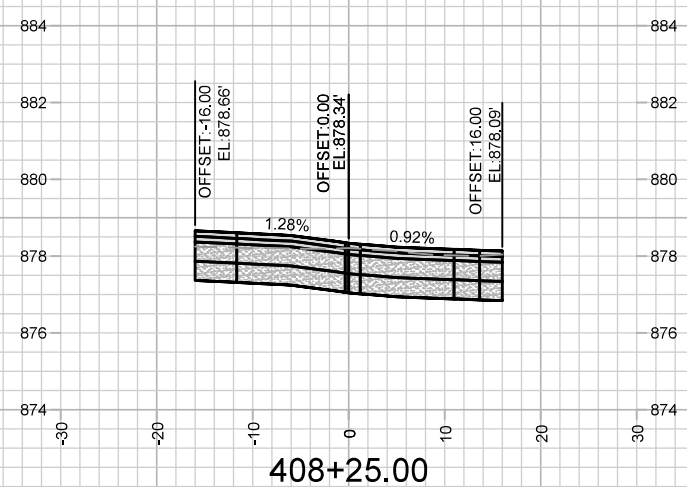
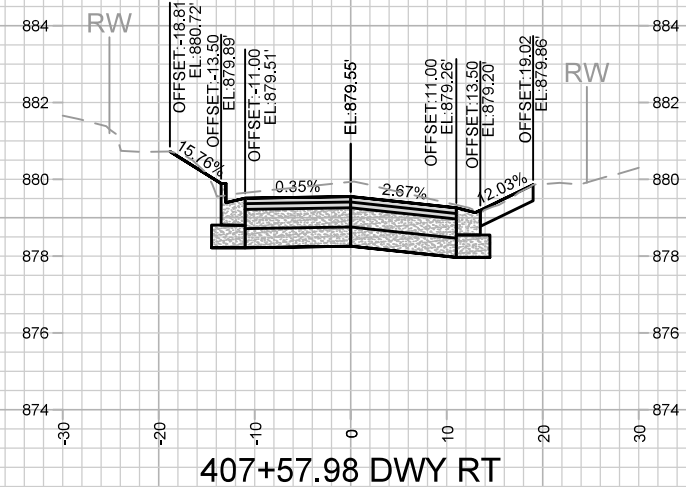
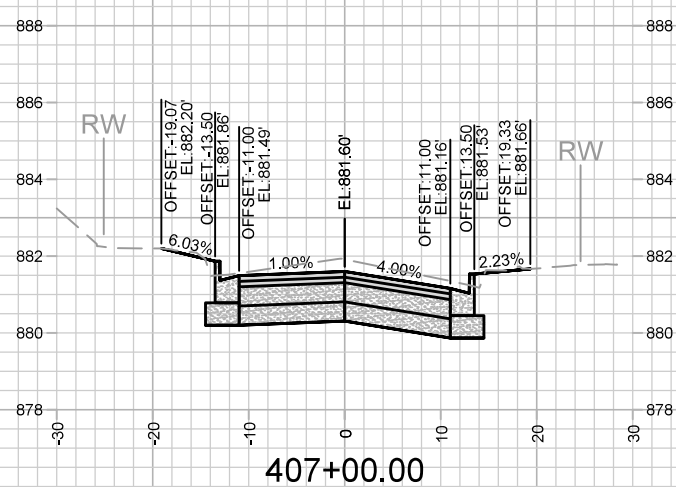
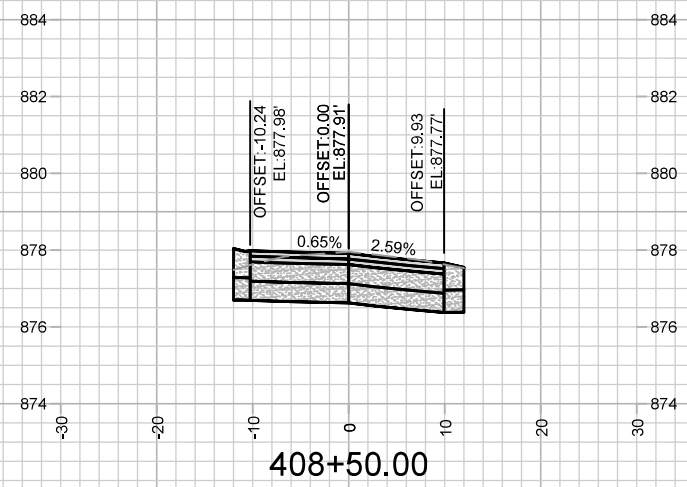
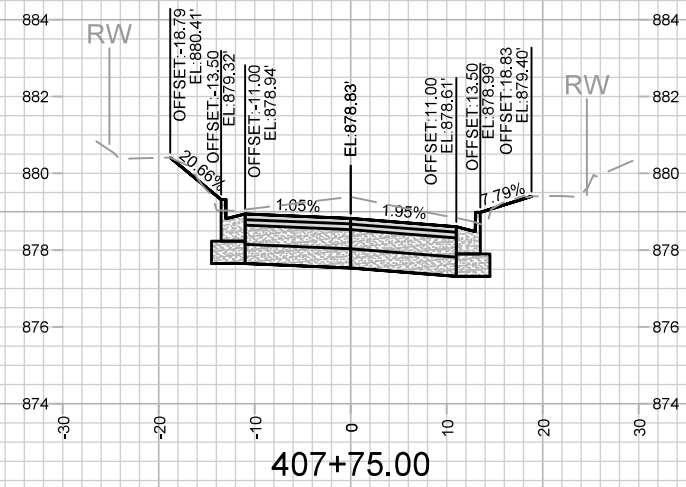
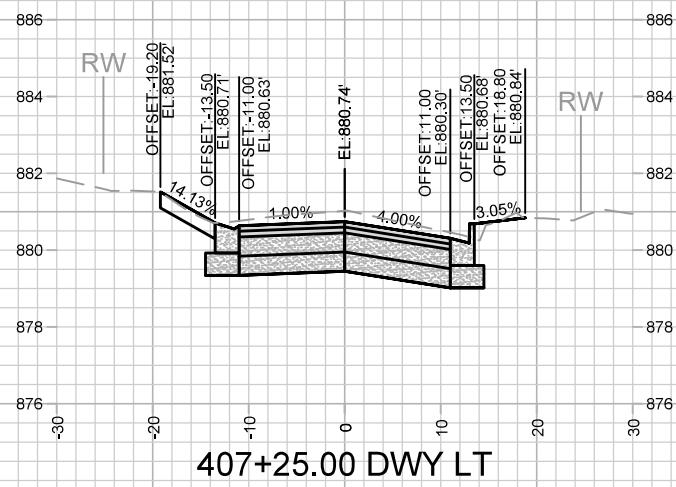
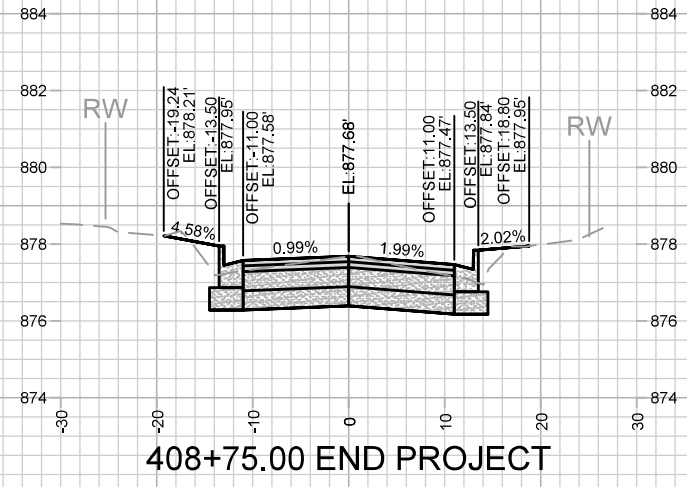
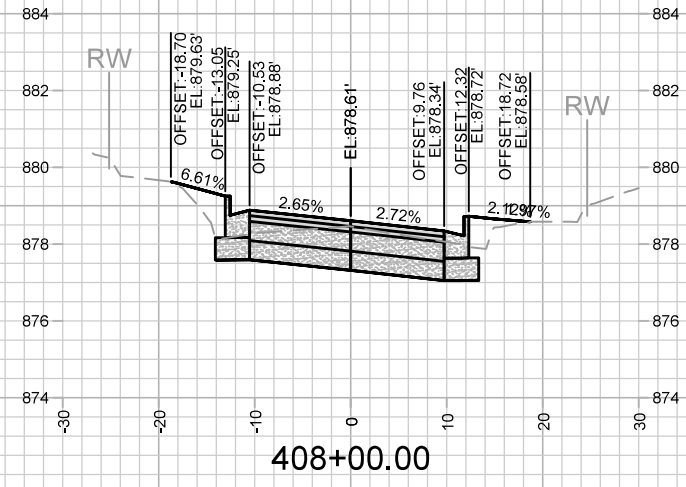
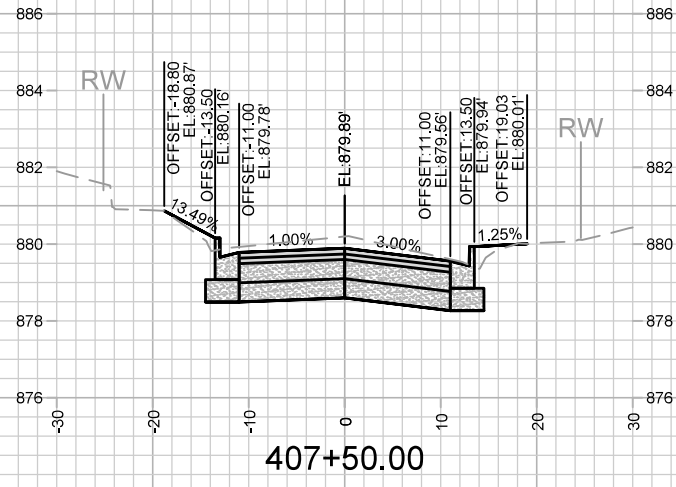
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CENTER AVENUE CROSS SECTIONS
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE
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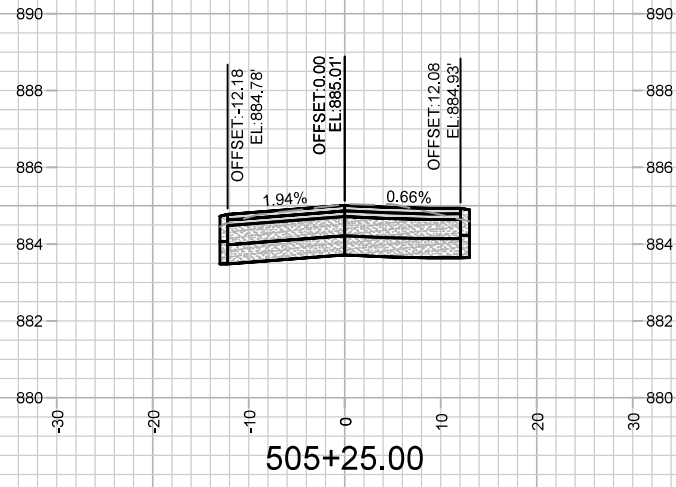
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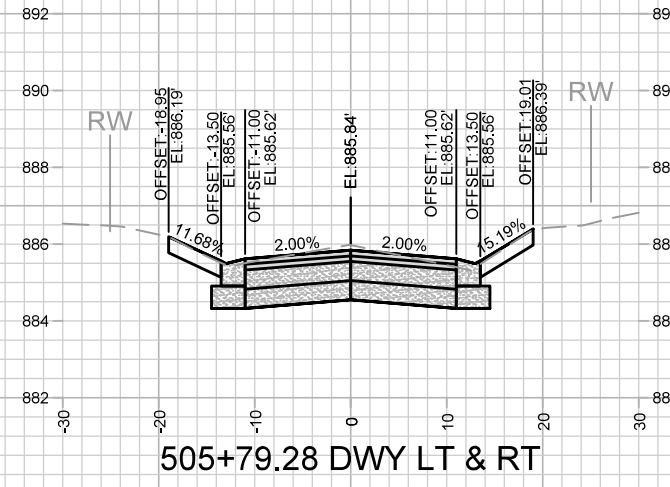
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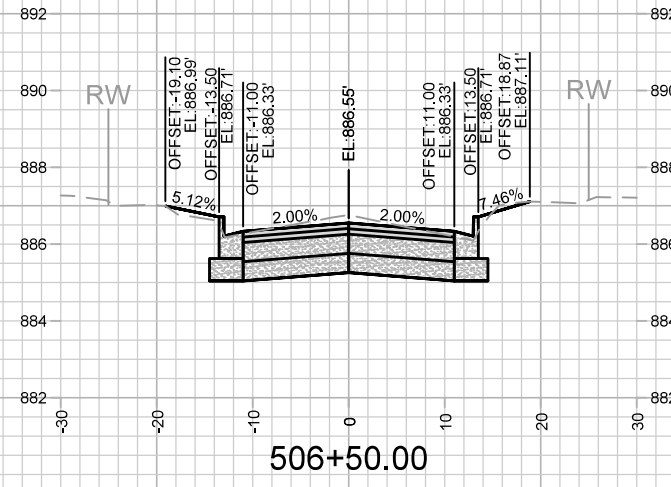
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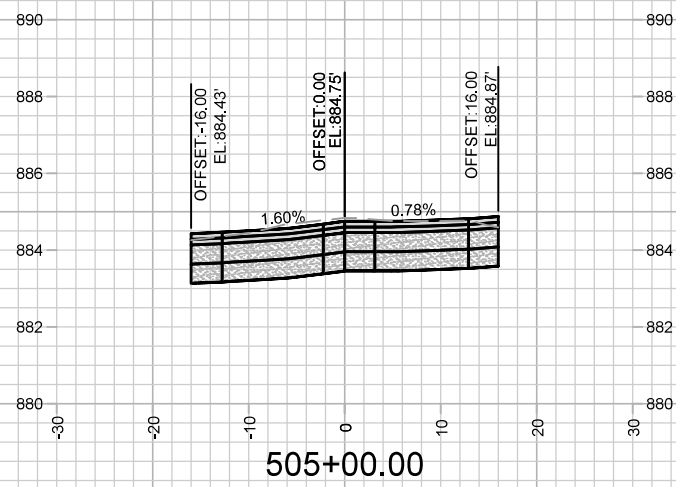
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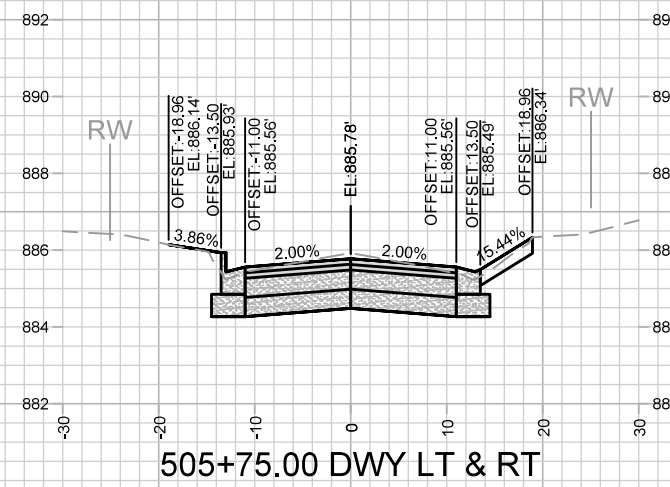
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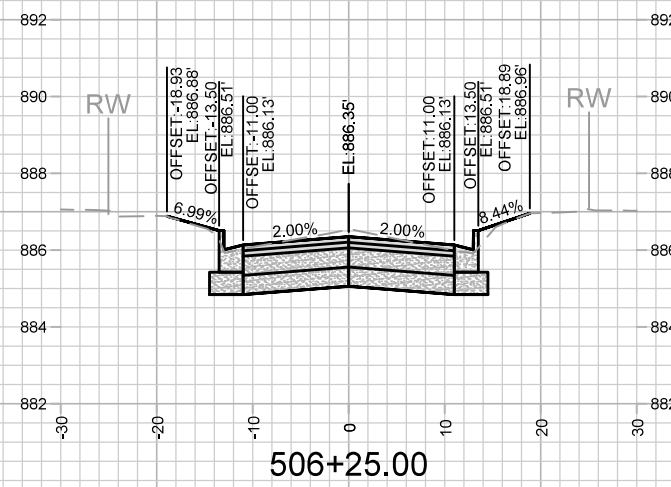
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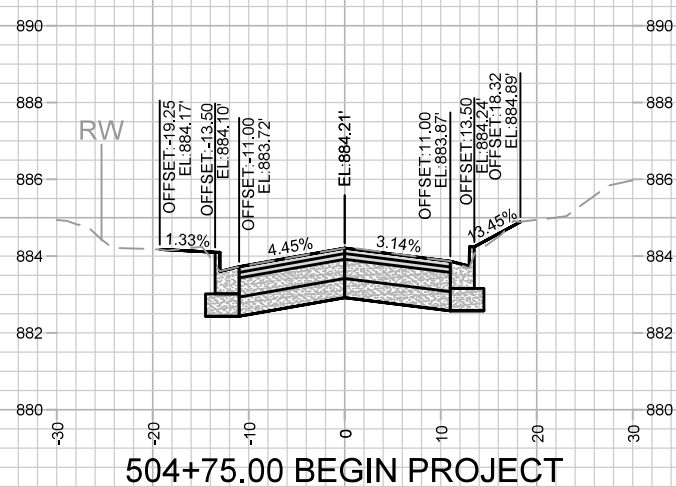
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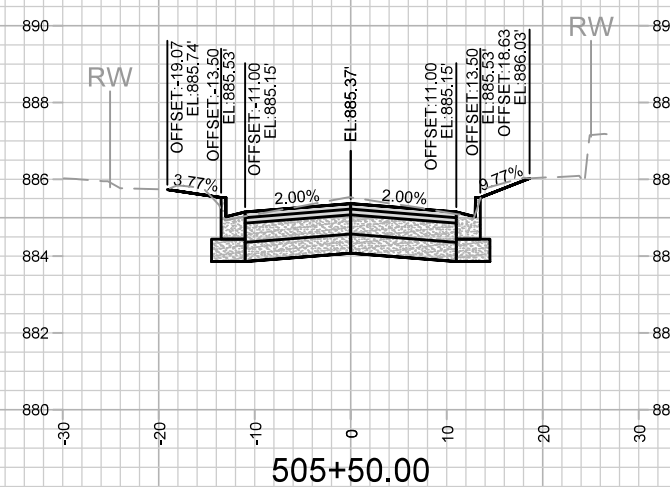
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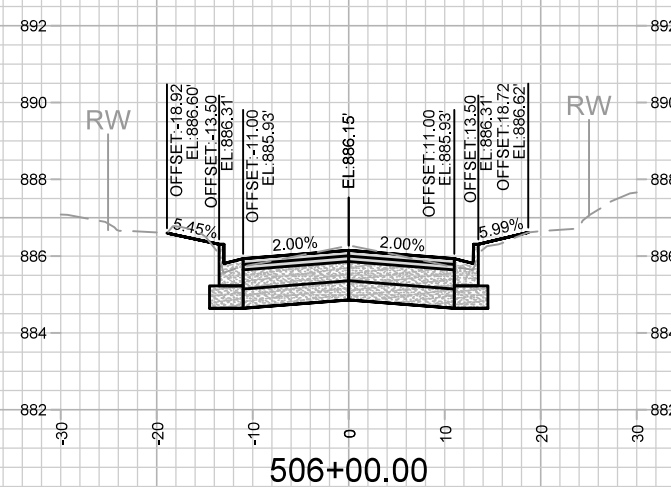
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504+75.00 BEGIN PROJECT



505+50.00



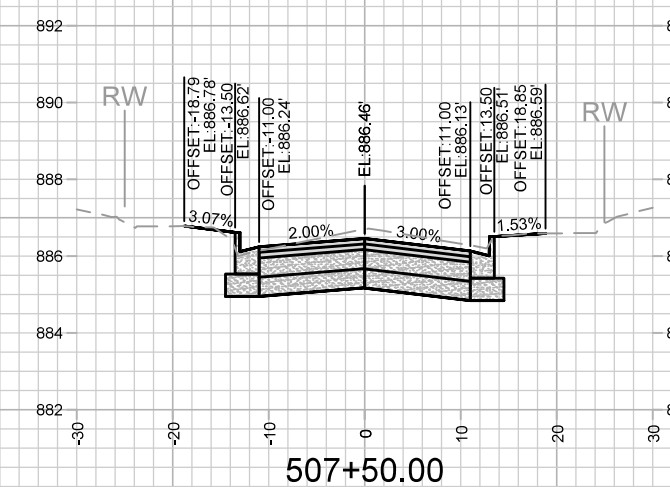
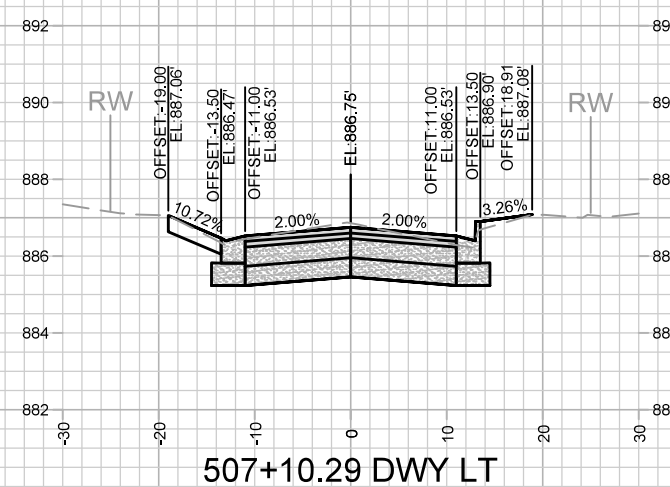
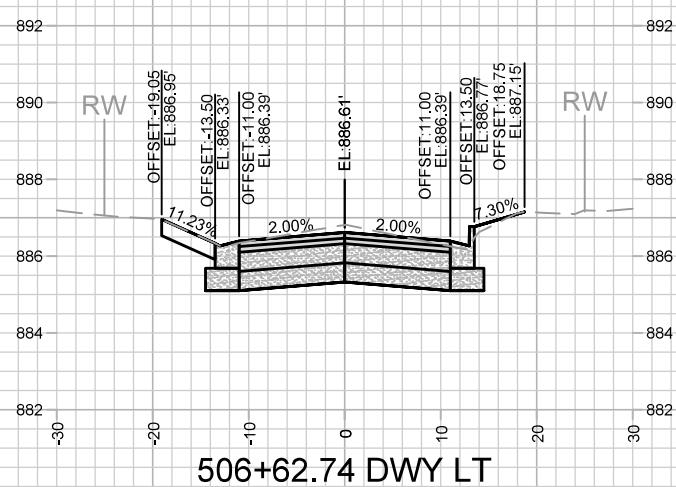
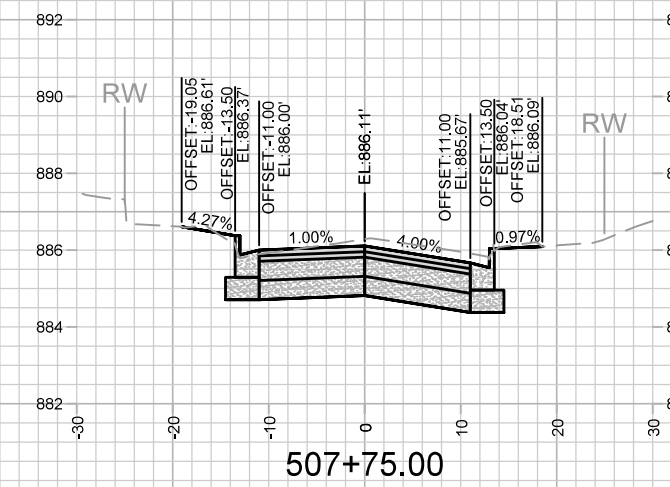
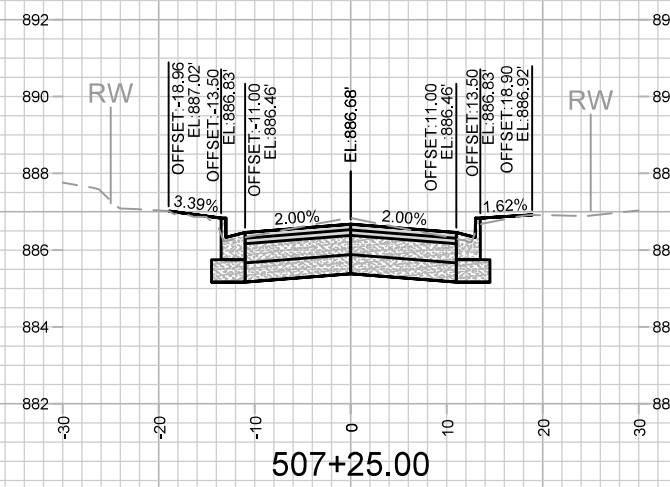
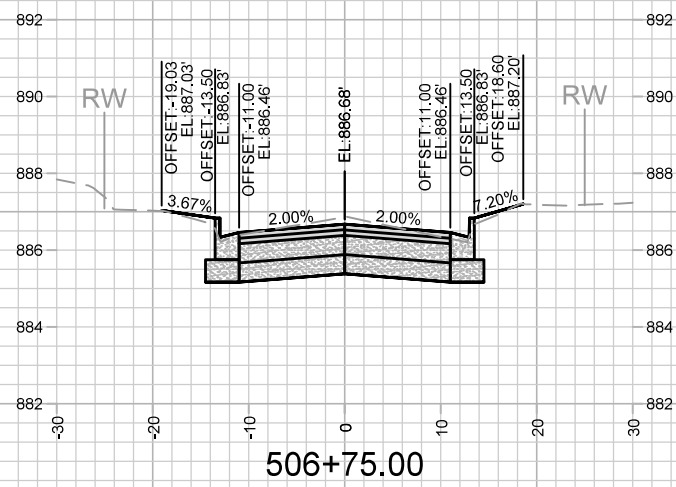
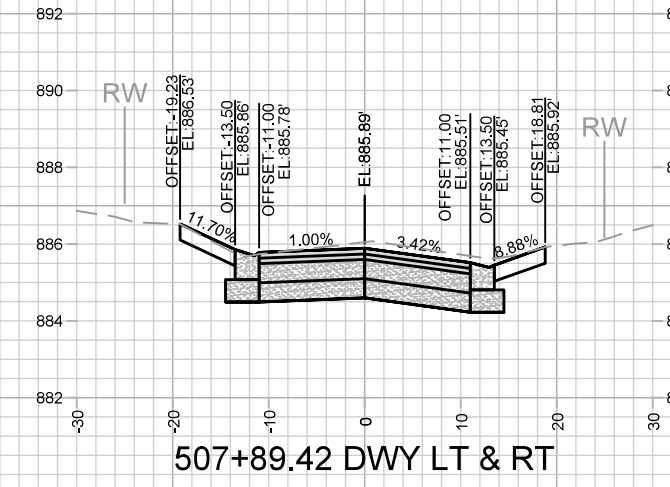
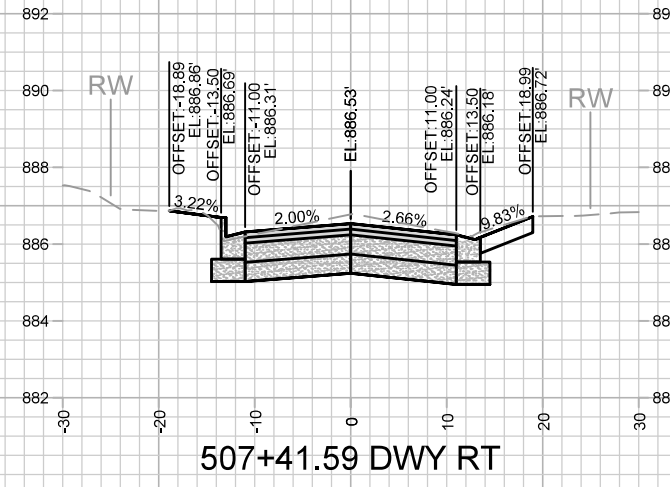
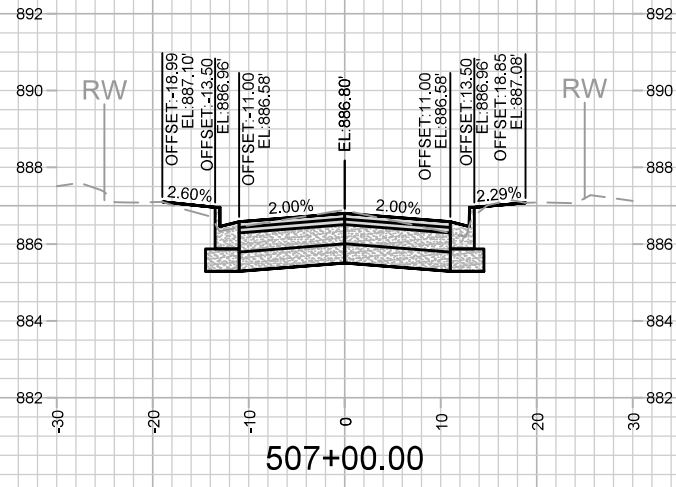
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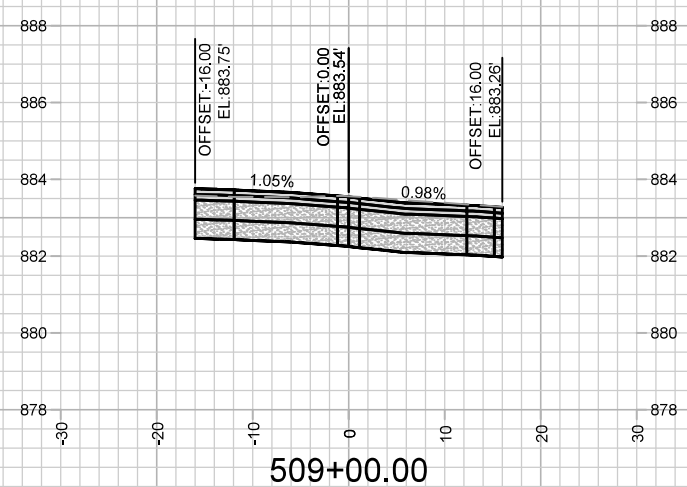
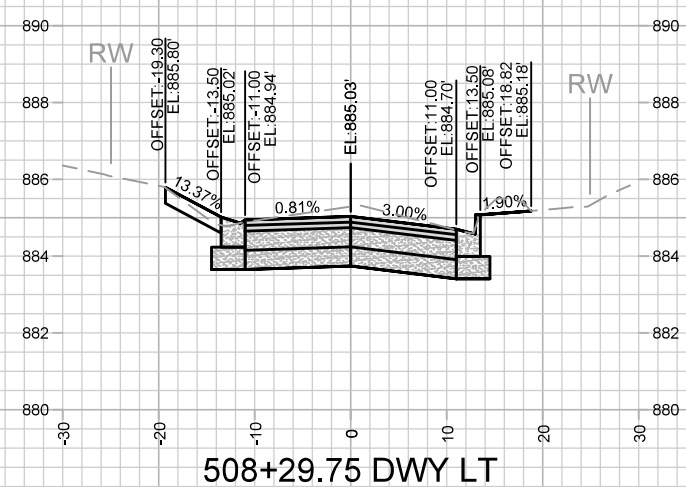
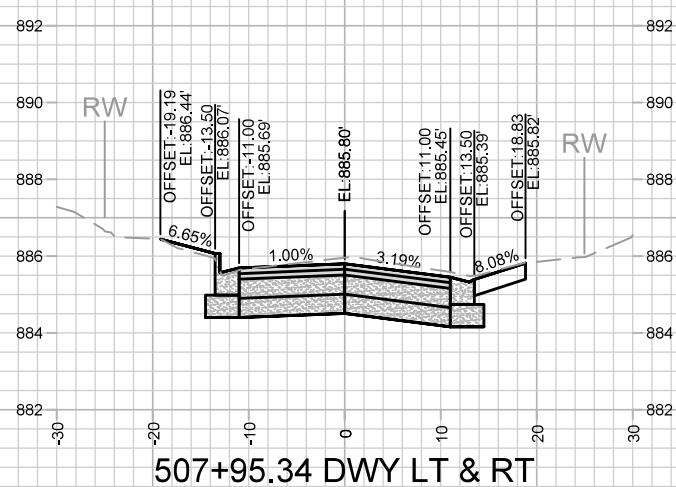
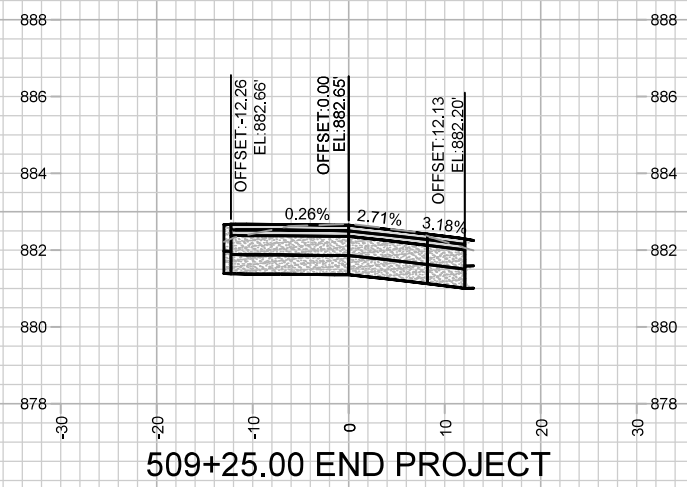
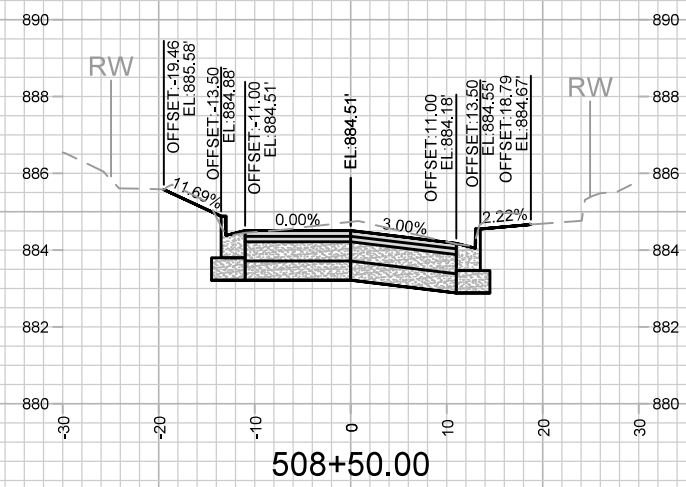
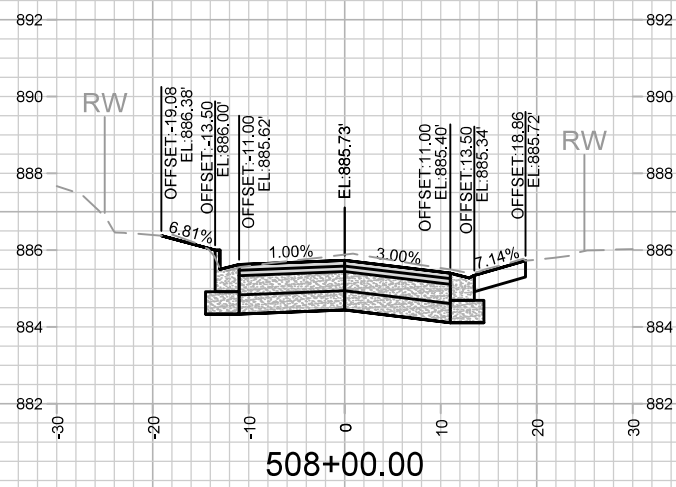
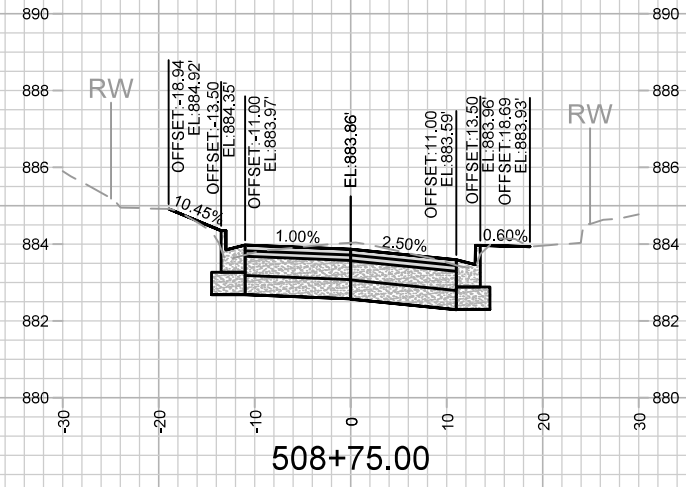
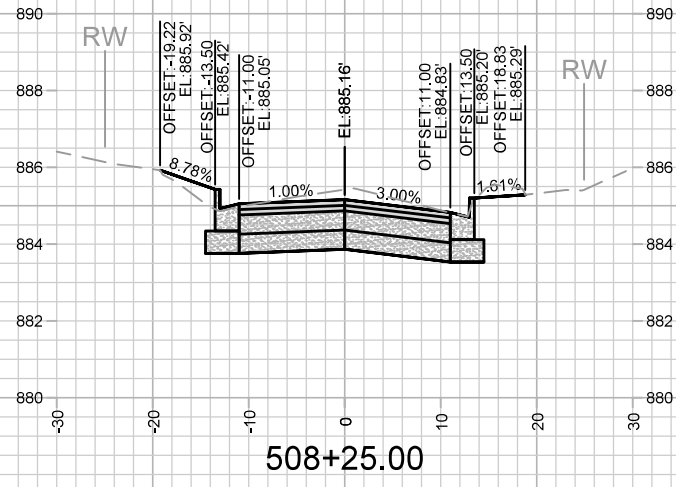


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