



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

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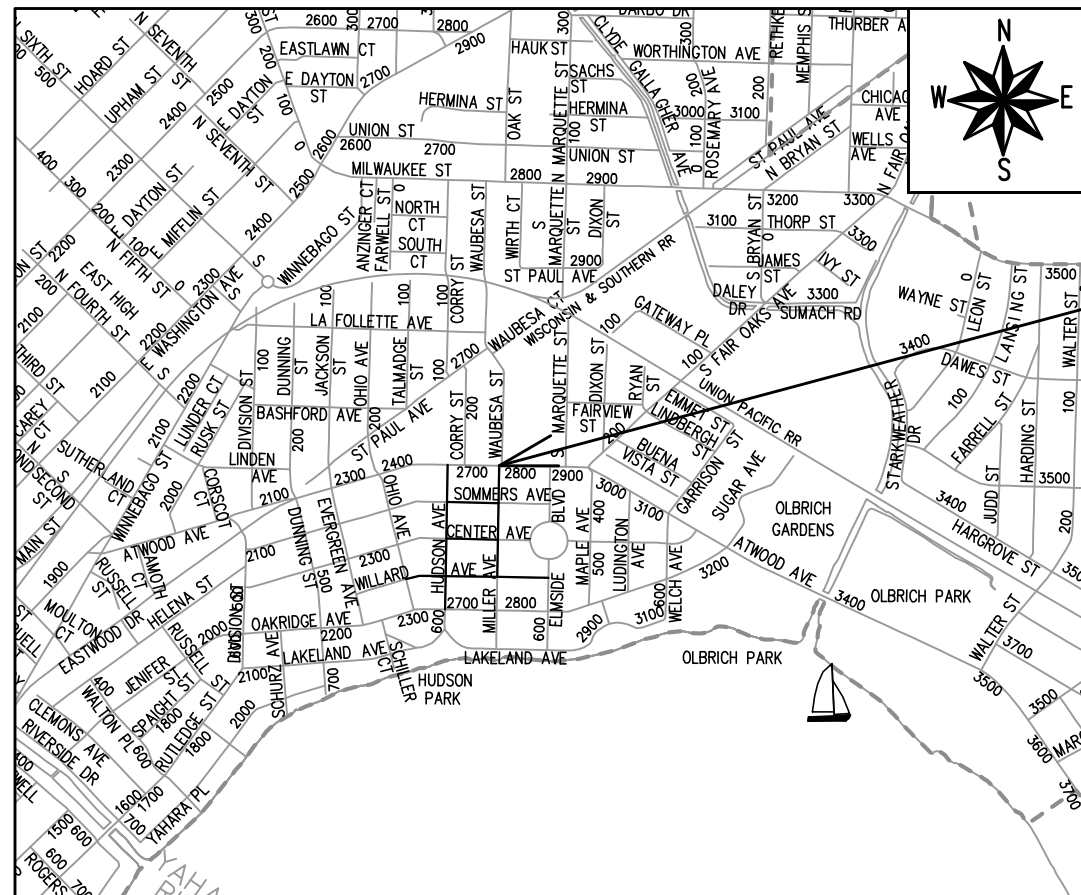
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| CONVENTIONAL SIGNS                                |        |
|---|--------|
| FIELD VERIFY ALL UTILITY LOCATIONS                |        |
| GAS   | — G —  |
| STORM SEWER                                       | — ST — |
| SANITARY SEWER                                    | — SN — |
| WATER   | — W —  |
| BURIED ELECTRIC                                   | — E —  |
| OVERHEAD ELECTRIC                                 | — OH — |
| POWER POLE  |        |
| ADA COMPLIANT RAMP W/<br>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

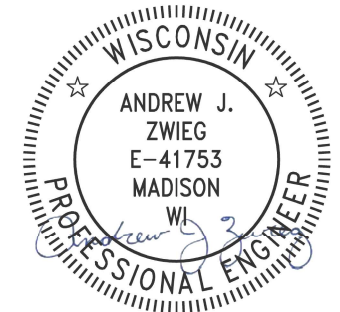
APPROVED DATE FEBRUARY 28, 2023

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Jun 28, 2023  
City Engineer Date

STREET DESIGNED BY:



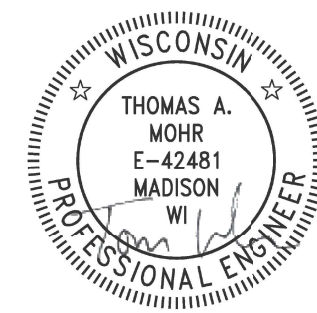
Jun 28, 2023

SANITARY & STORM SEWER DESIGNED BY:

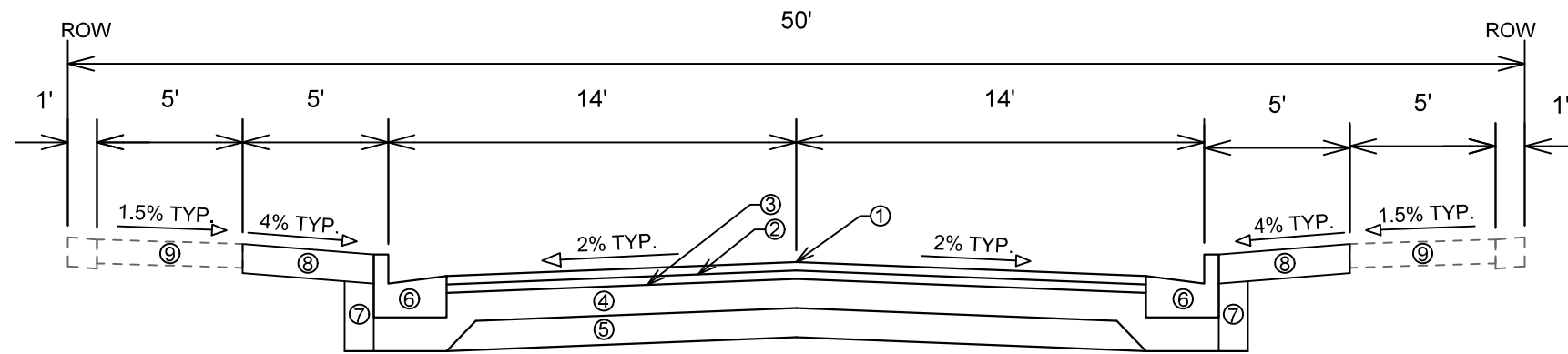


Jun 28, 2023

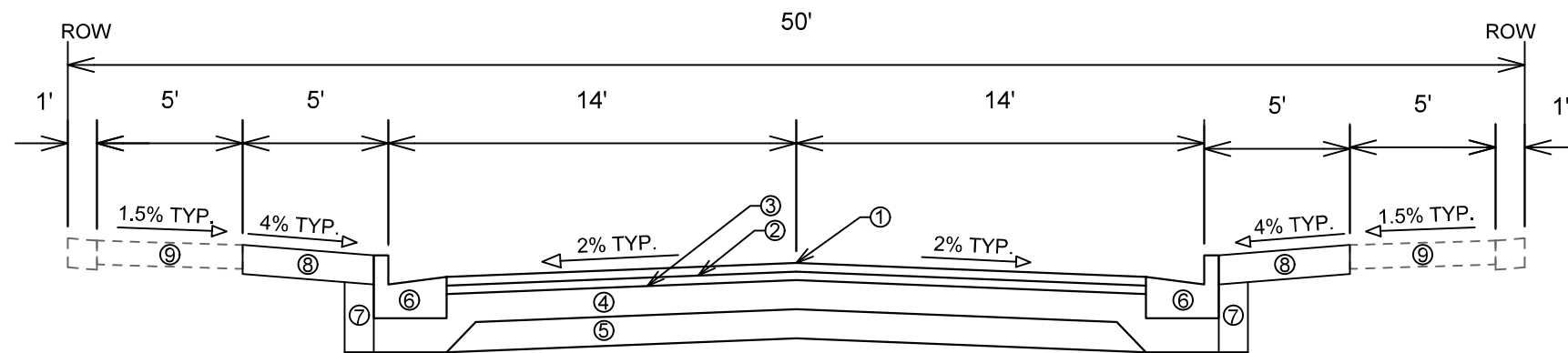
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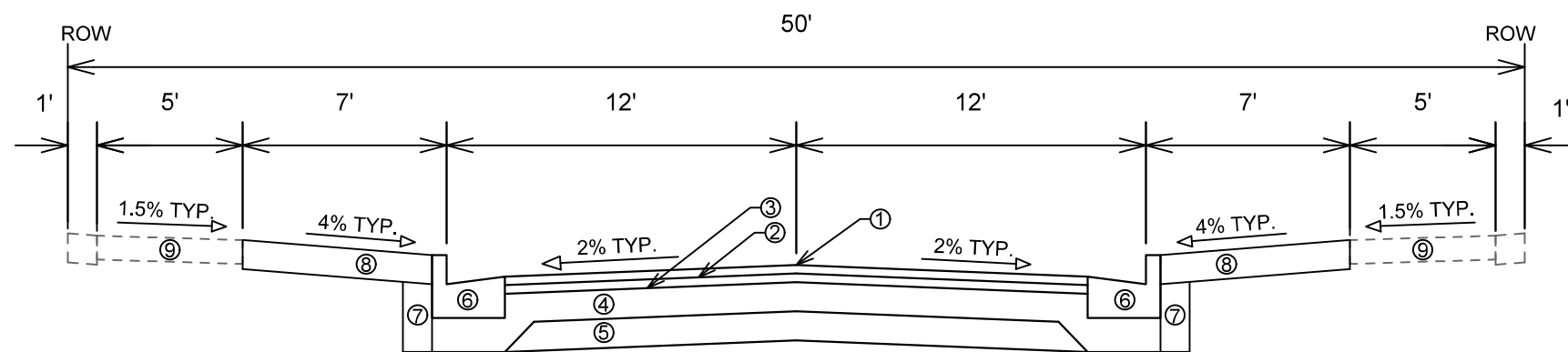
Jun 28, 2023



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:

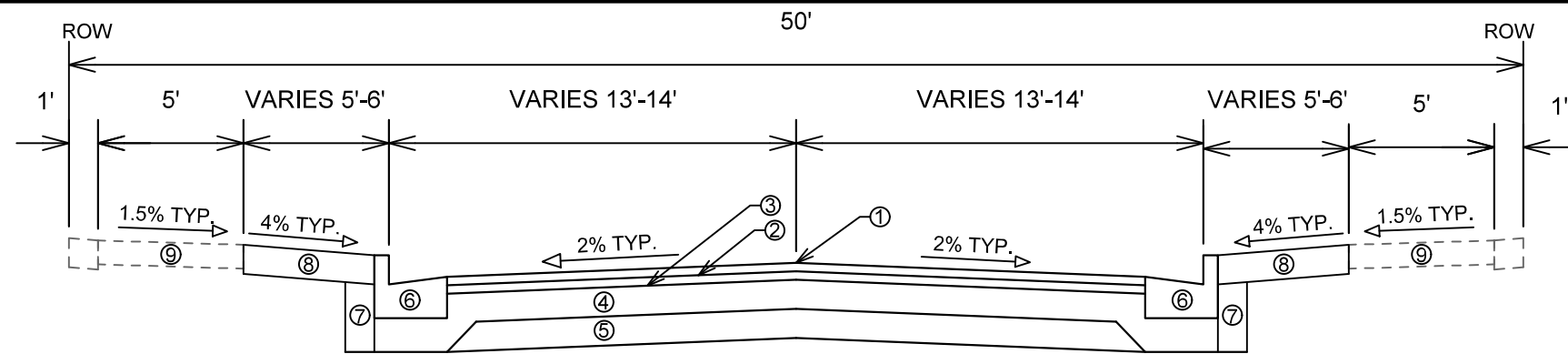
- TYPICAL SECTION NOT TO SCALE
- SEE X-SHEETS FOR CROSS SLOPES, EDGE OF PAVEMENT ELEVATIONS, & TOP OF CURB ELEVATIONS

- 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

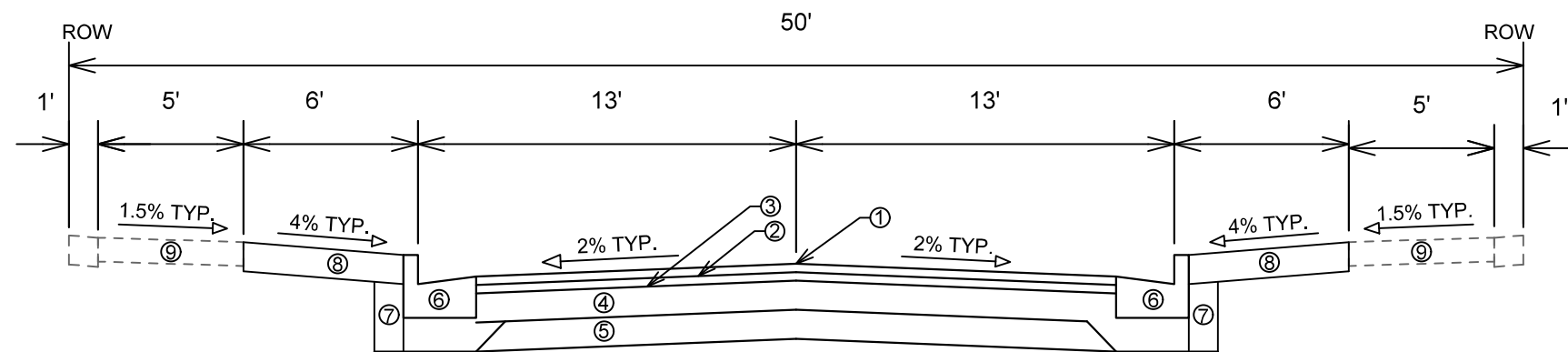
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14075  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
 MADISON, WI  
 CONTRACT NO: 8659  
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**TYPICAL SECTION  
CENTER AVENUE  
STA 403+90.73 TO STA 408+75.61**

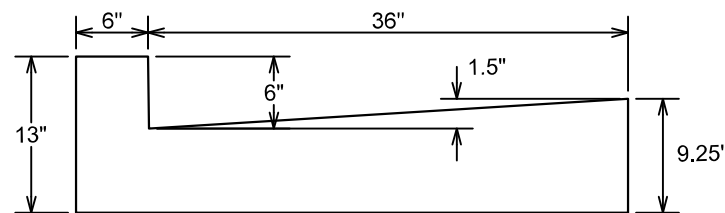


**TYPICAL SECTION  
SOMMERS AVENUE  
STA 504+75.00 TO STA 509+45.00**

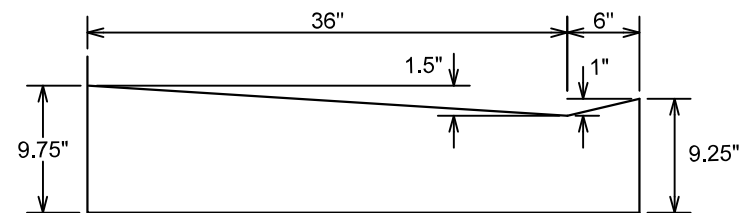
**SPECIAL NOTES:**

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- SEE X-SHEETS FOR CROSS SLOPES, EDGE OF PAVEMENT ELEVATIONS, & TOP OF CURB ELEVATIONS

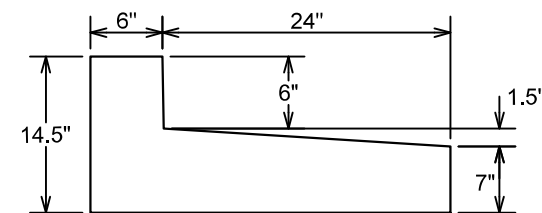
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**42-INCH MODIFIED TYPE 'A'  
CONCRETE CURB AND GUTTER  
CENTER AVENUE  
STA 404+57 TO 405+96 LT  
STA 404+57 TO 405+65 RT  
(PAID AS MODIFIED TYPE 'A')**



**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')**

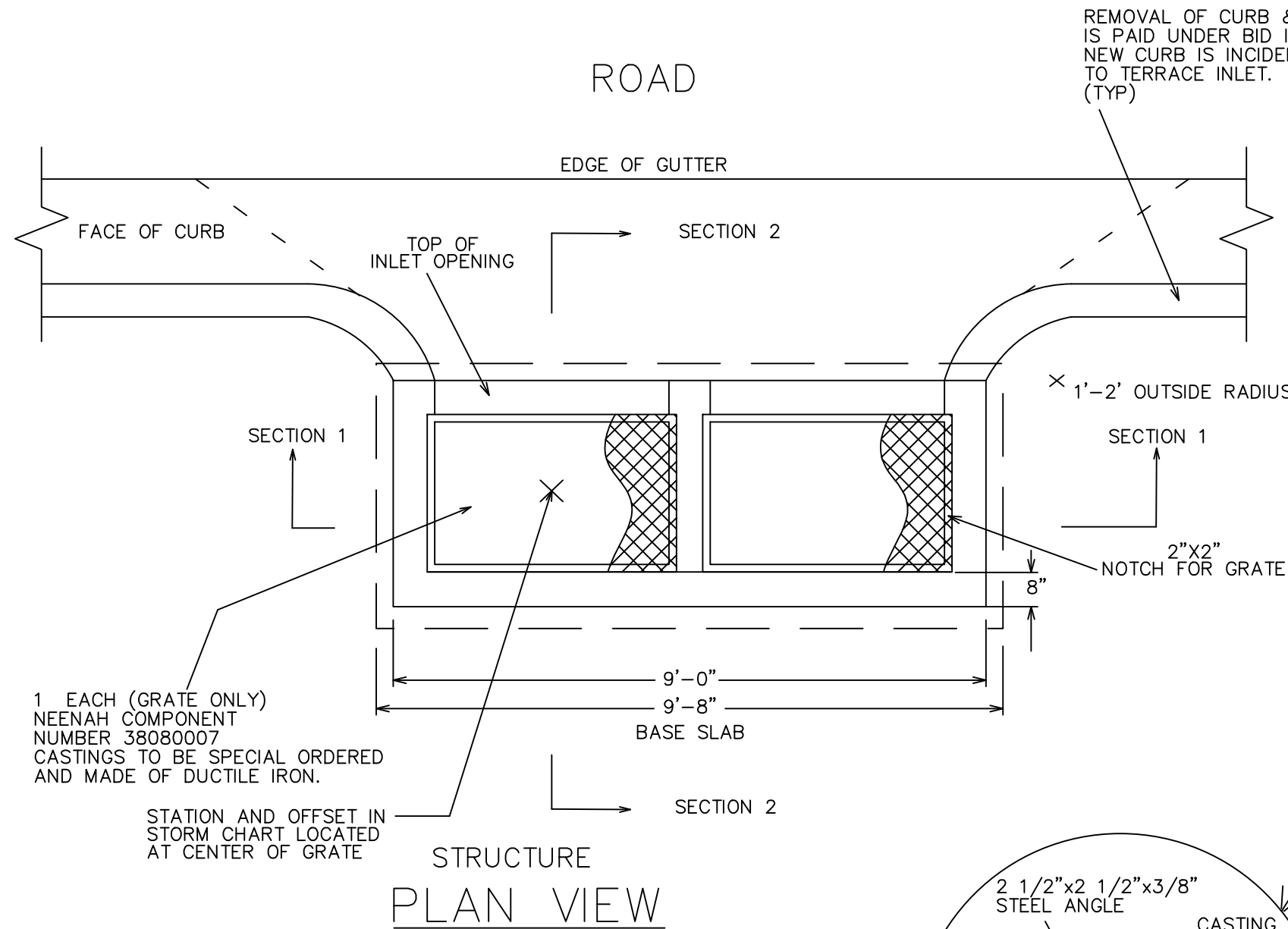
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| 14075            | D-2                      |

14075  
MADISON, WI  
8659  
CONTRACT NO:

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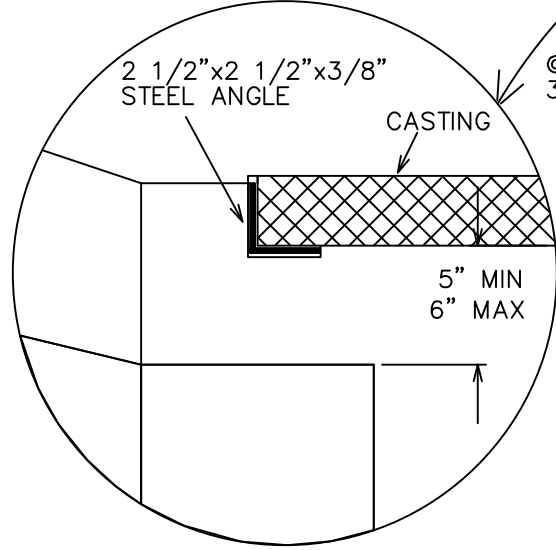
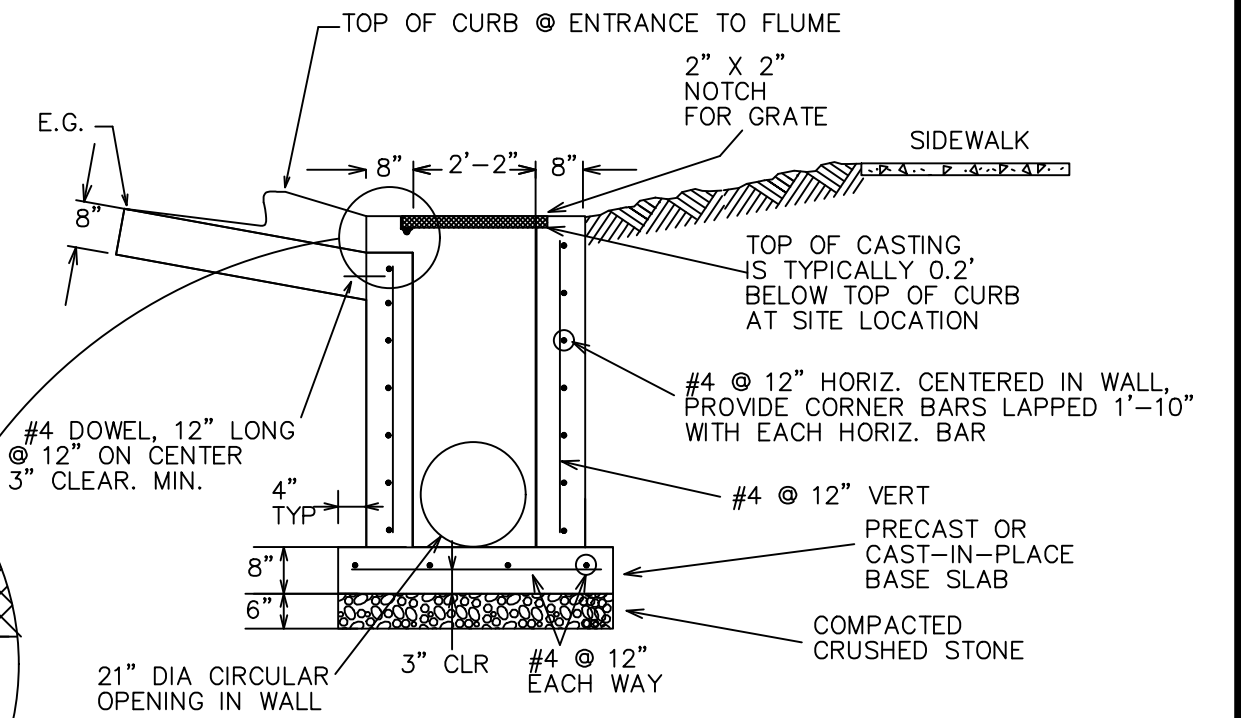
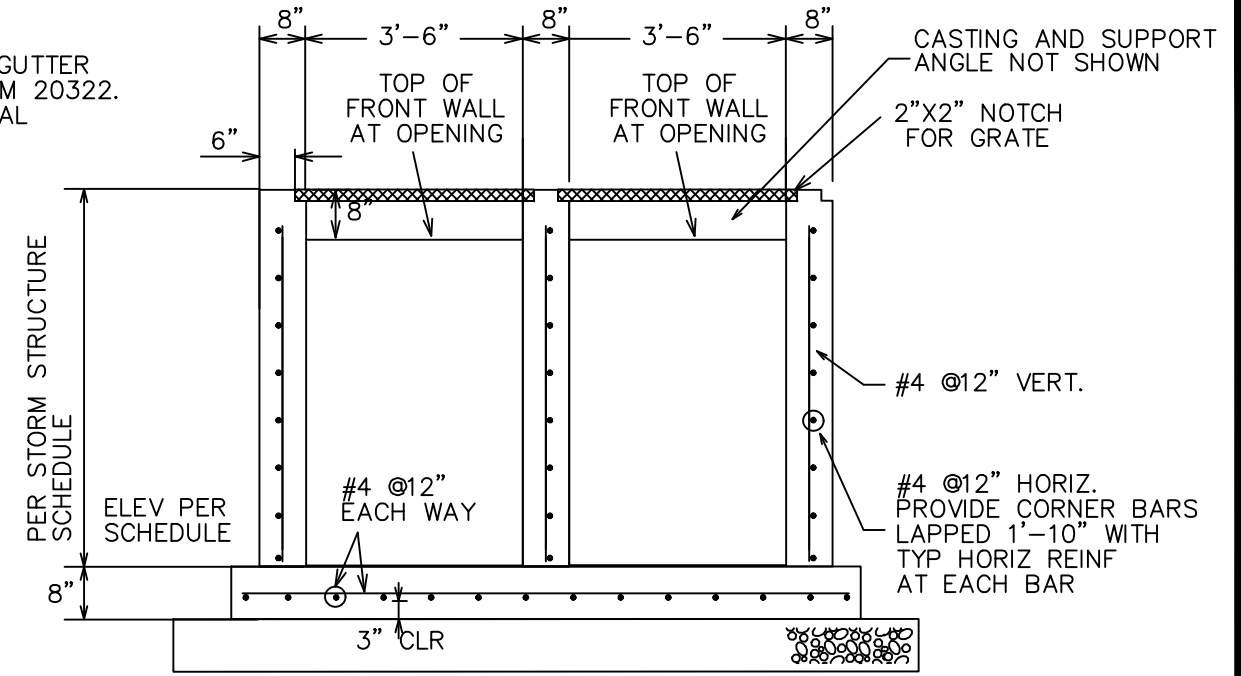
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D-2



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

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



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.

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.

|       |                         |                  |                 |
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| 14075 | REVISION                | DATE             | BY              |
| 14075 | MARK                    | DESIGNED BY: ALJ | SCALE: NO SCALE |
| 14075 | DATE: 6/27/2023 8:34 AM |                  |                 |
| 14075 | CONTRACT NO:            | 8659             | D-3             |







S-30B TERRACE INLET DETAIL

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

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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.

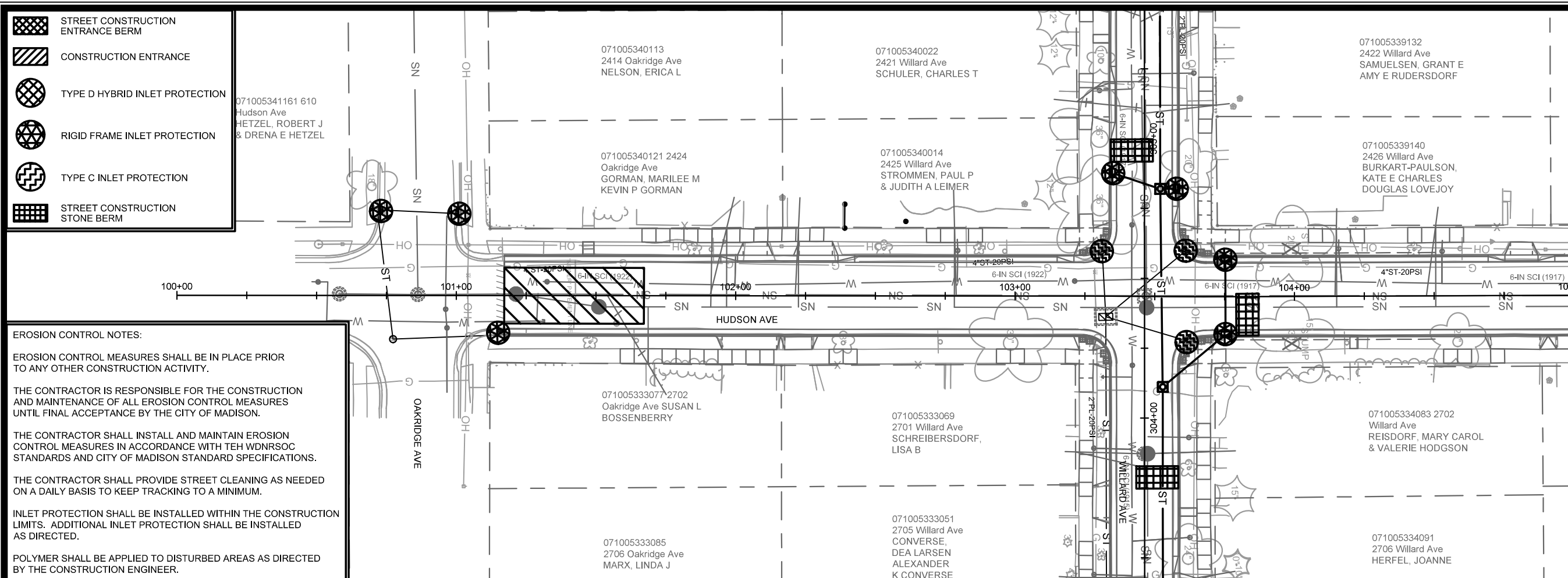
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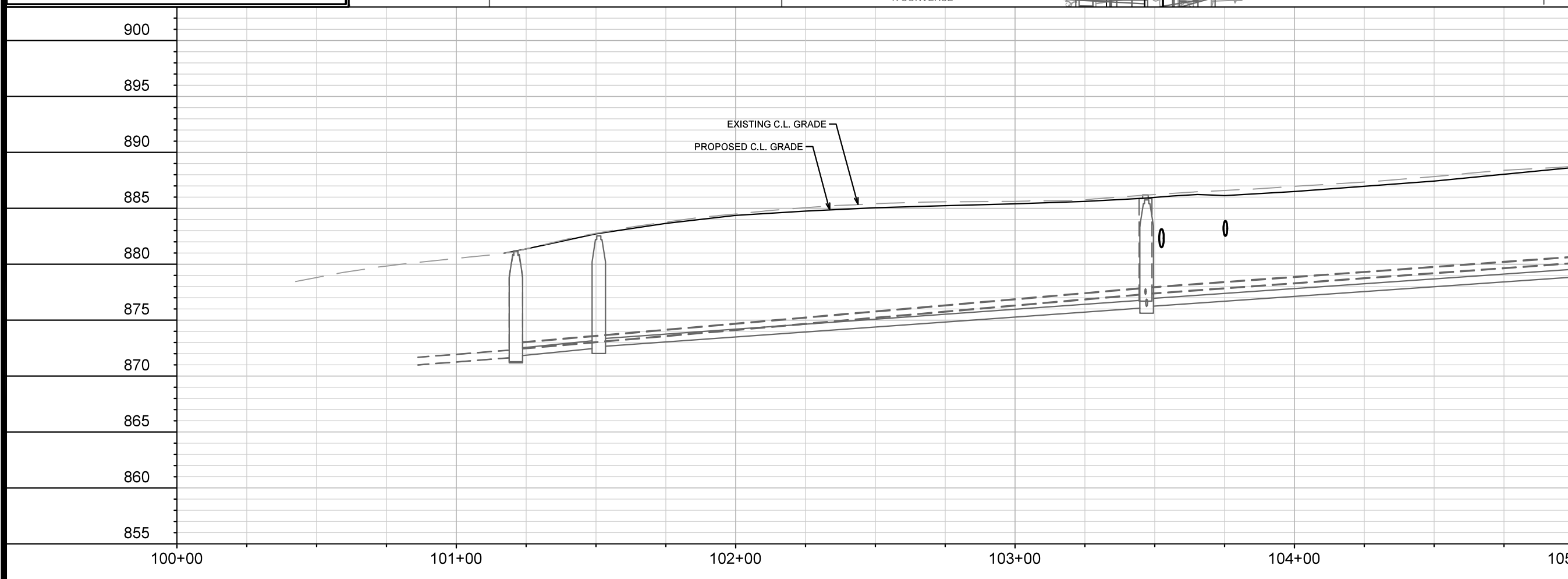
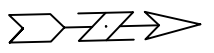
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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



MATCH LINE 105+00.00



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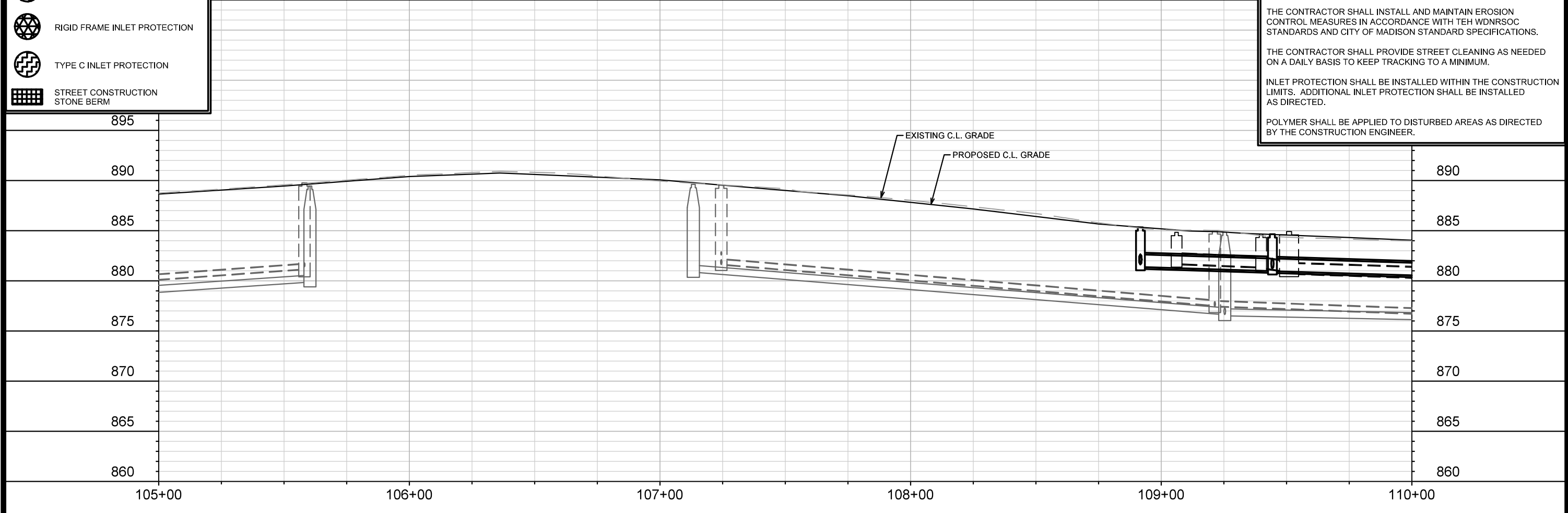
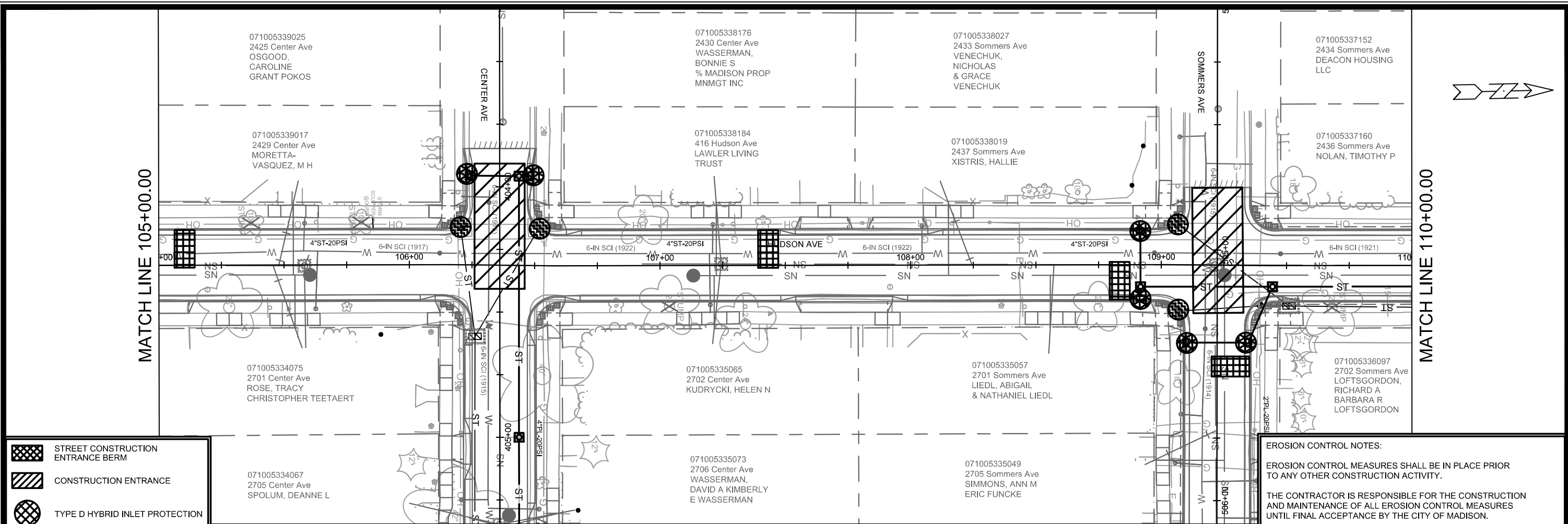
14075  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI  
 8659  
 CONTRACT NO:







EROSION CONTROL PLAN - HUDSON AVE  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI  
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14075  
 EC-1

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 14075  
 EC-1



-  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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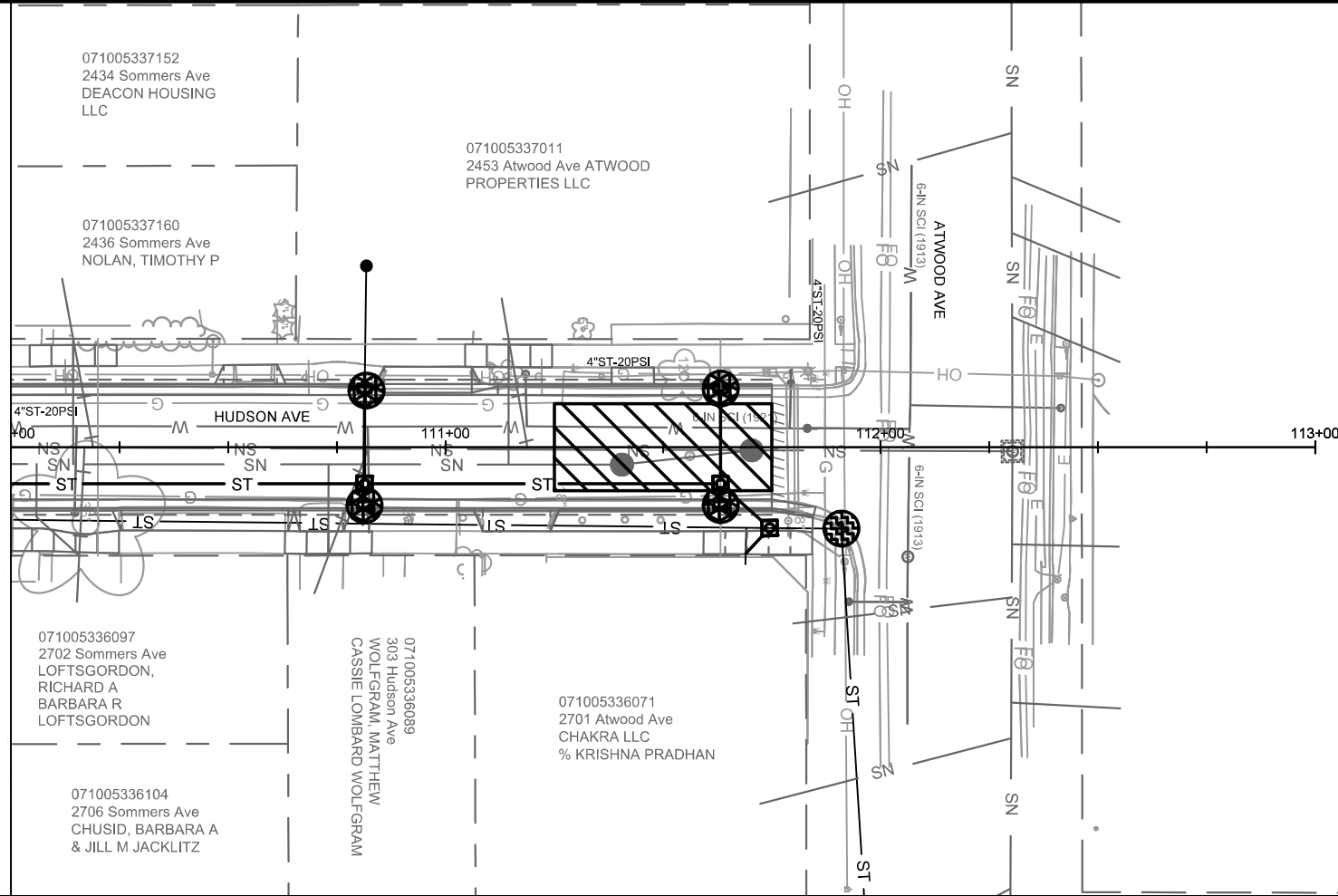
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| <p>14075</p> <p>EROSION CONTROL PLAN - HUDSON AVE</p> <p>HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI</p> <p>M:\DESIGN\Projects\14075\CAD\Drawings\14075SWR-ErosionControl.dwg</p> | <p>8659</p> <p>CONTRACT NO:</p> |
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EC-2

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-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
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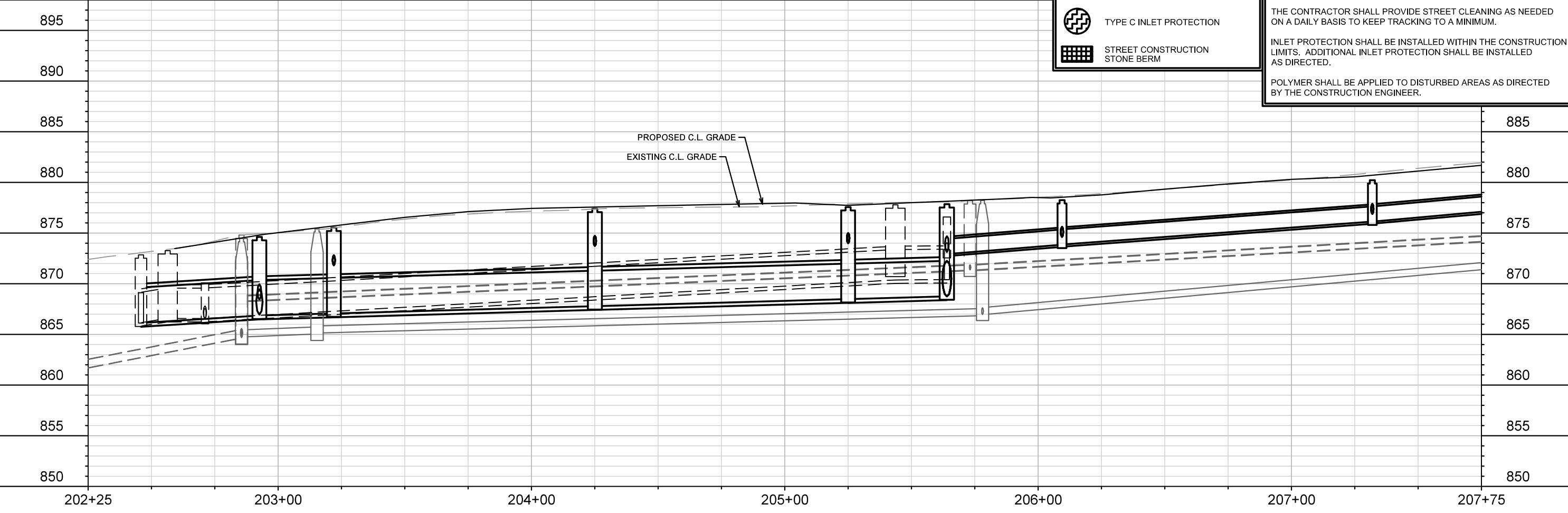
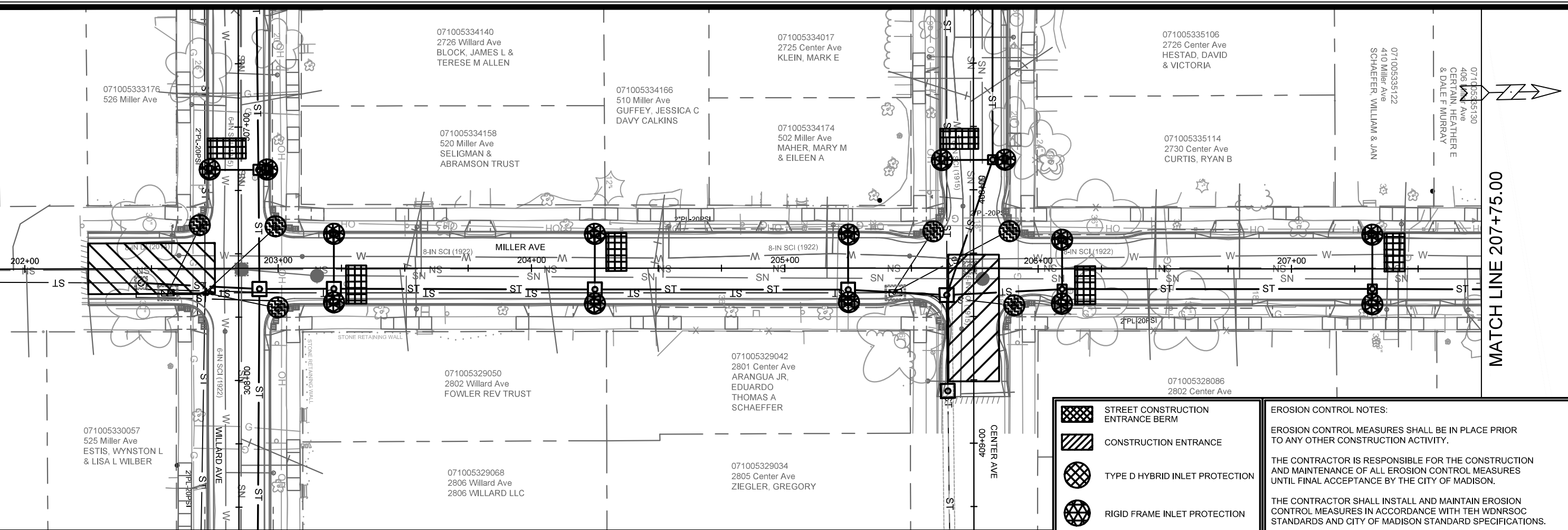








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 CONTRACT NO:  
 EROSION CONTROL PLAN - HUDSON AVE  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
 MADISON, WI  
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14075  
 EC-3



-  STREET CONSTRUCTION ENTRANCE BERM
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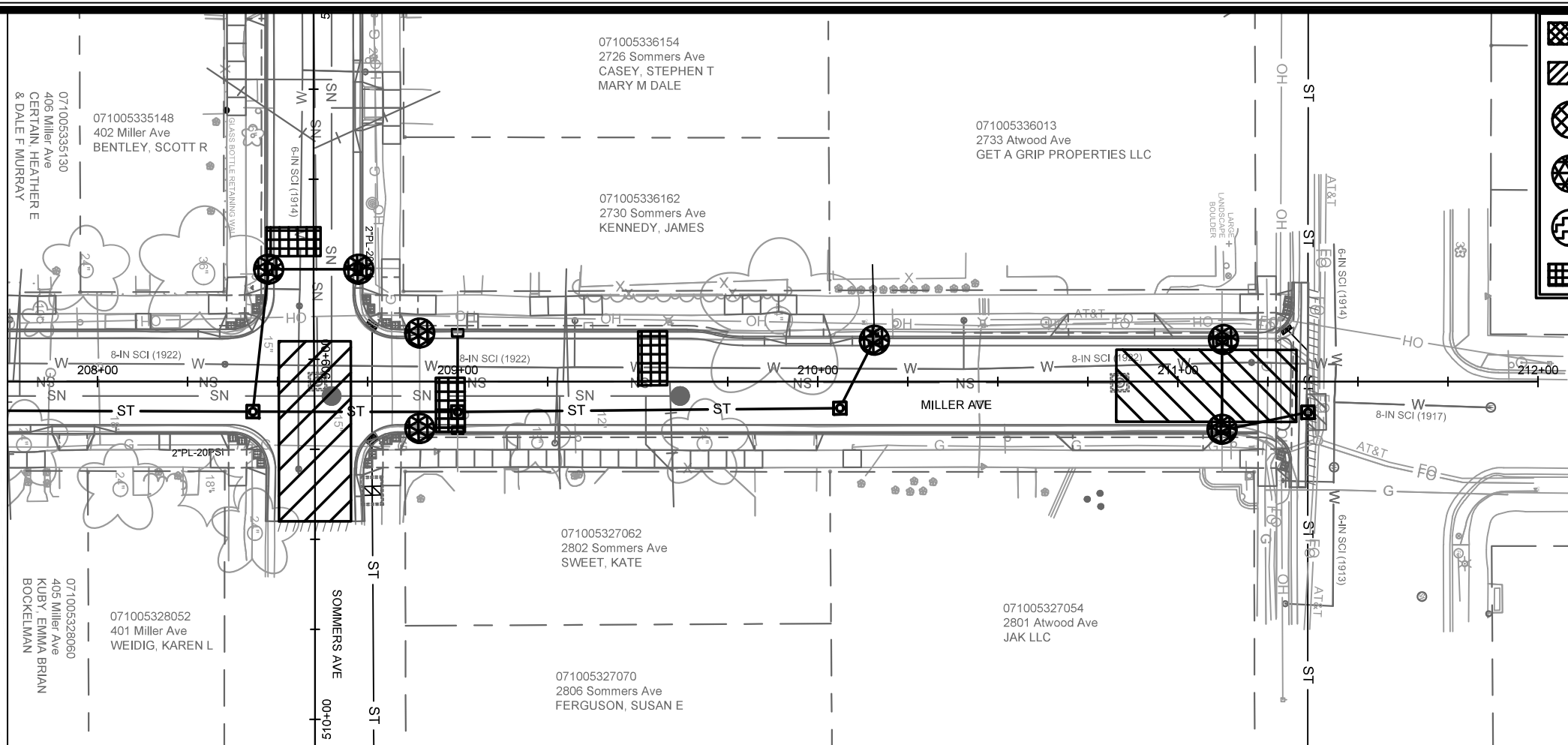
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MATCH LINE 207+75.00

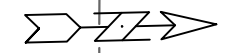
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| 14075   | MADISON, WI | 8659 | CONTRACT NO: |
| EROSION CONTROL PLAN - MILLER AVE<br>HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE |             |      |              |
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|  |                                   |
|--|-----------------------------------|
|  | 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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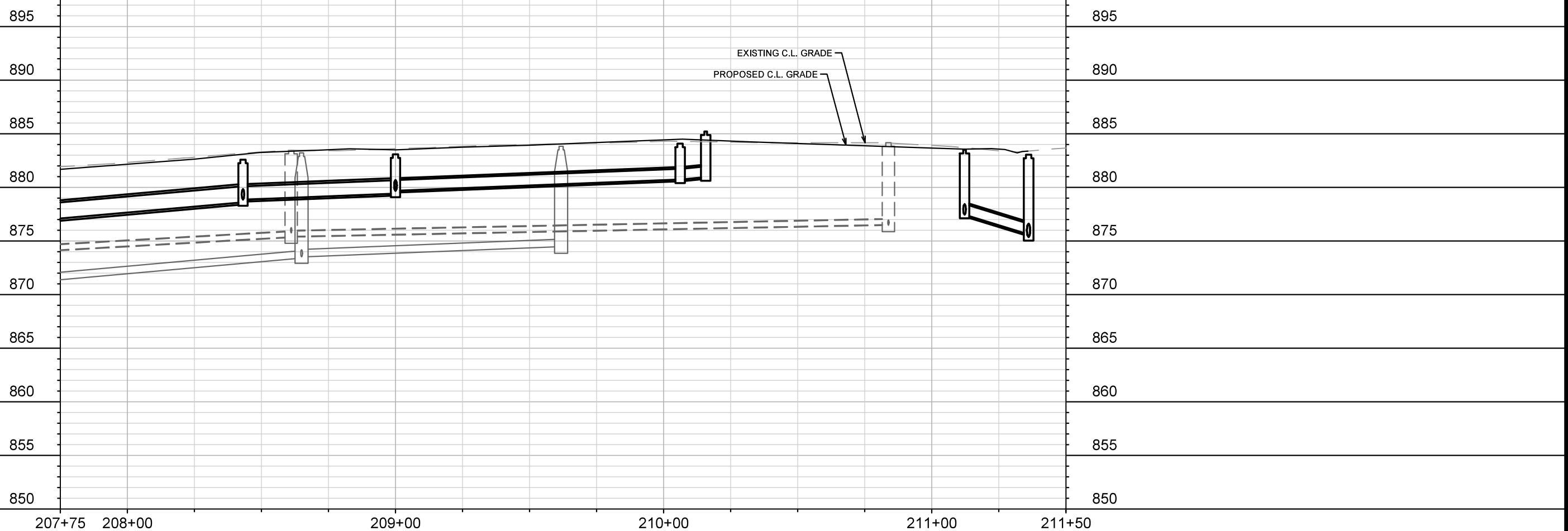
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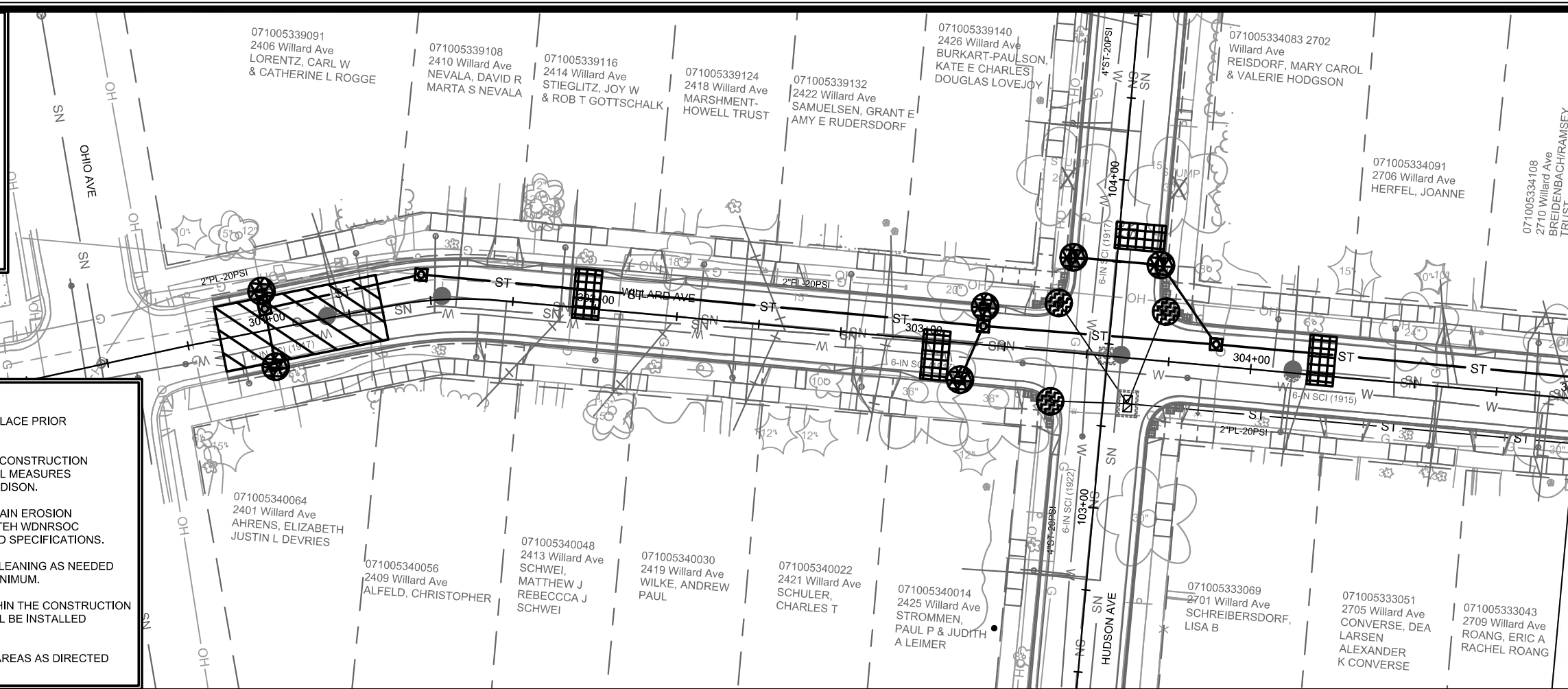
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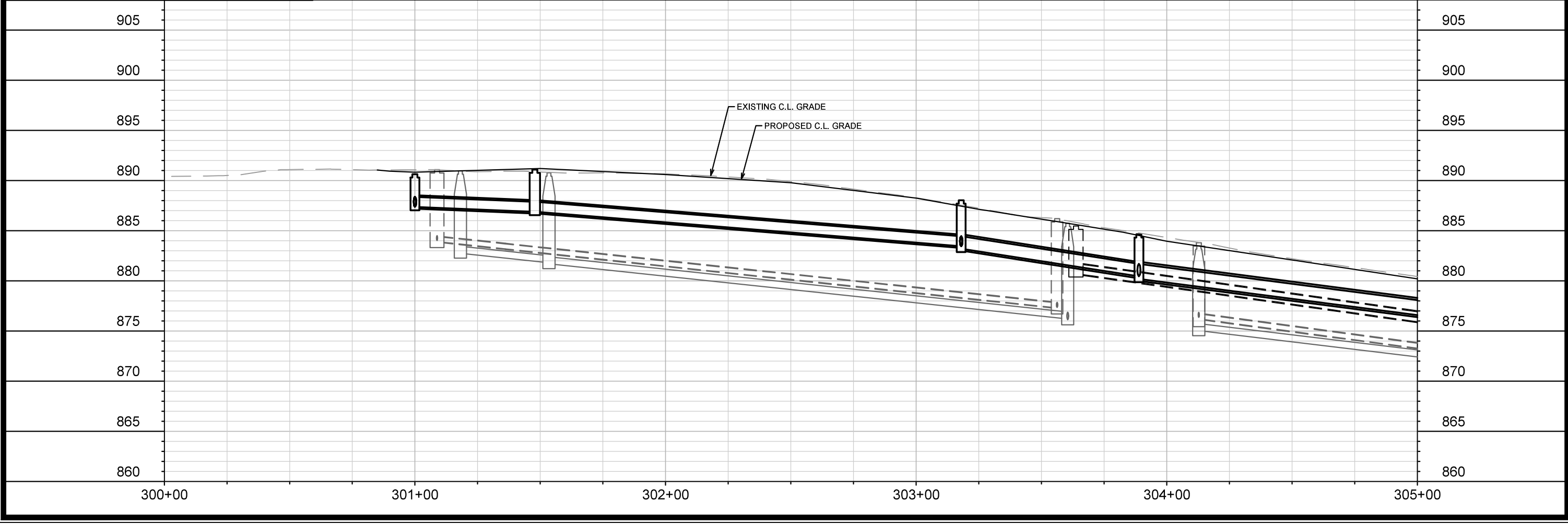
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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



MATCH LINE 305+00.00



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

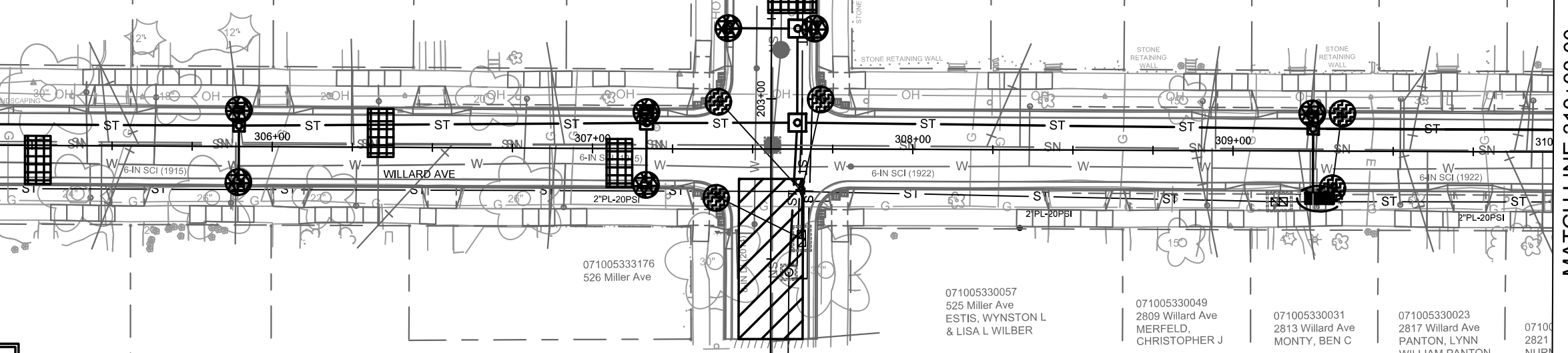
EROSION CONTROL PLAN - WILLARD AVE  
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14075  
 EC-6

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 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.

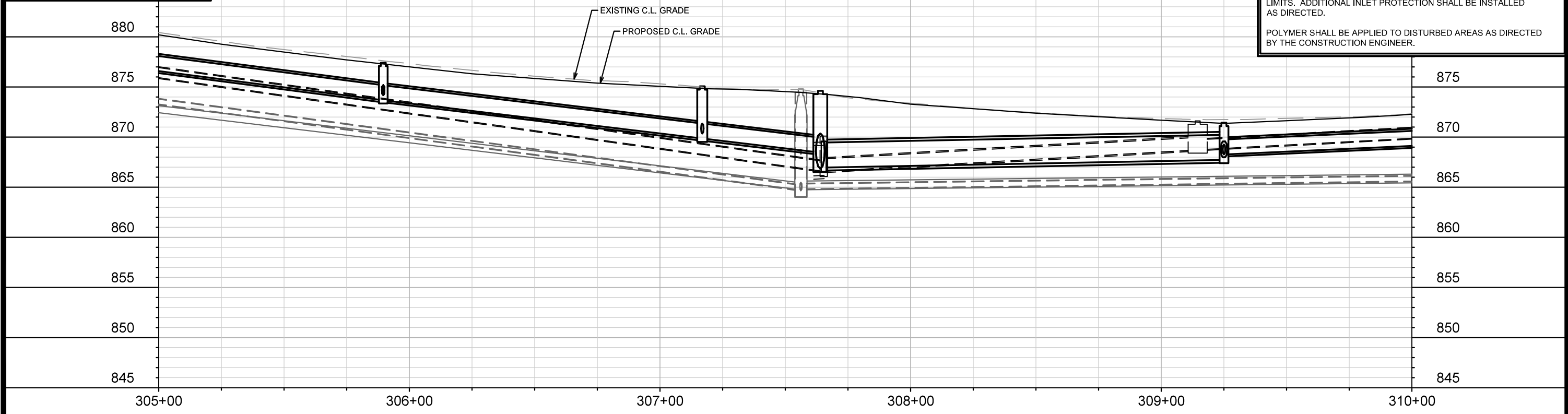
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


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



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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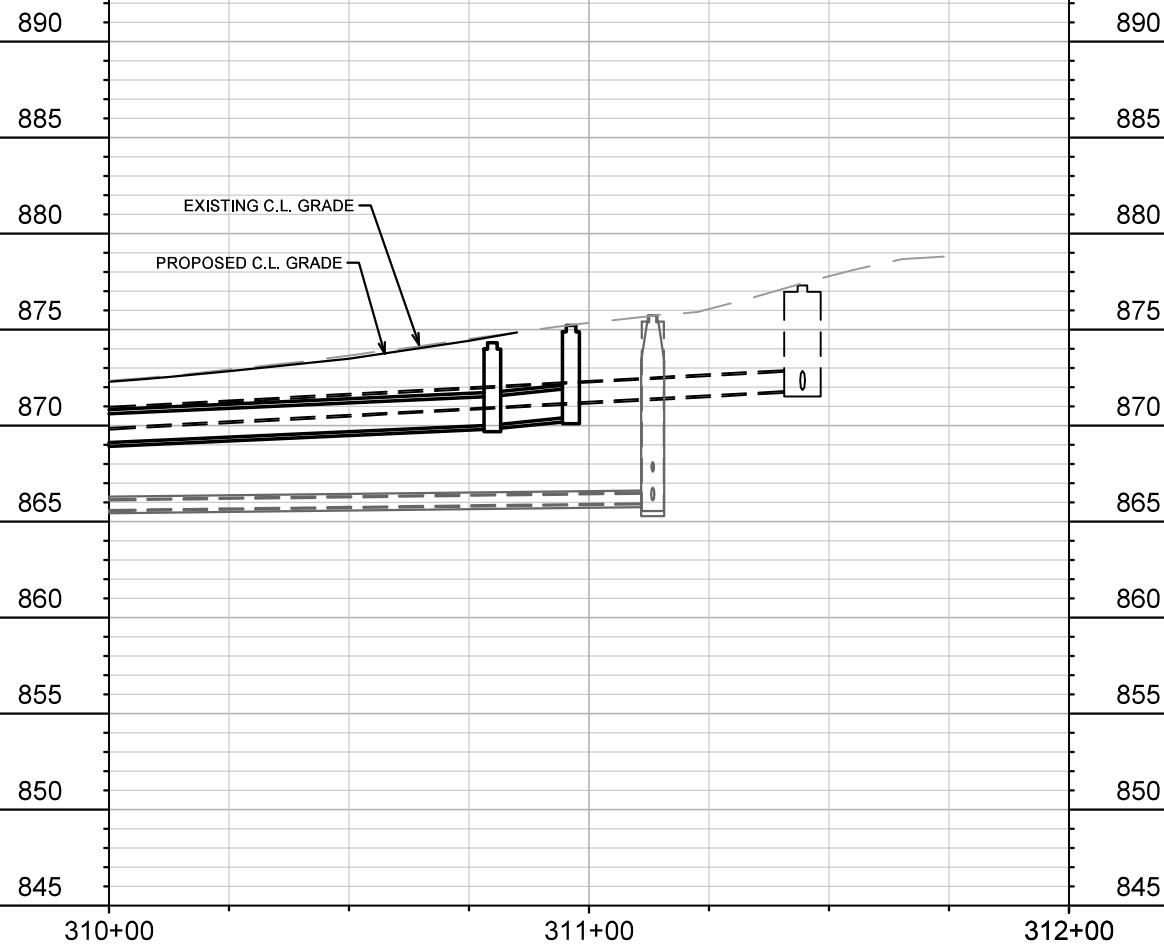
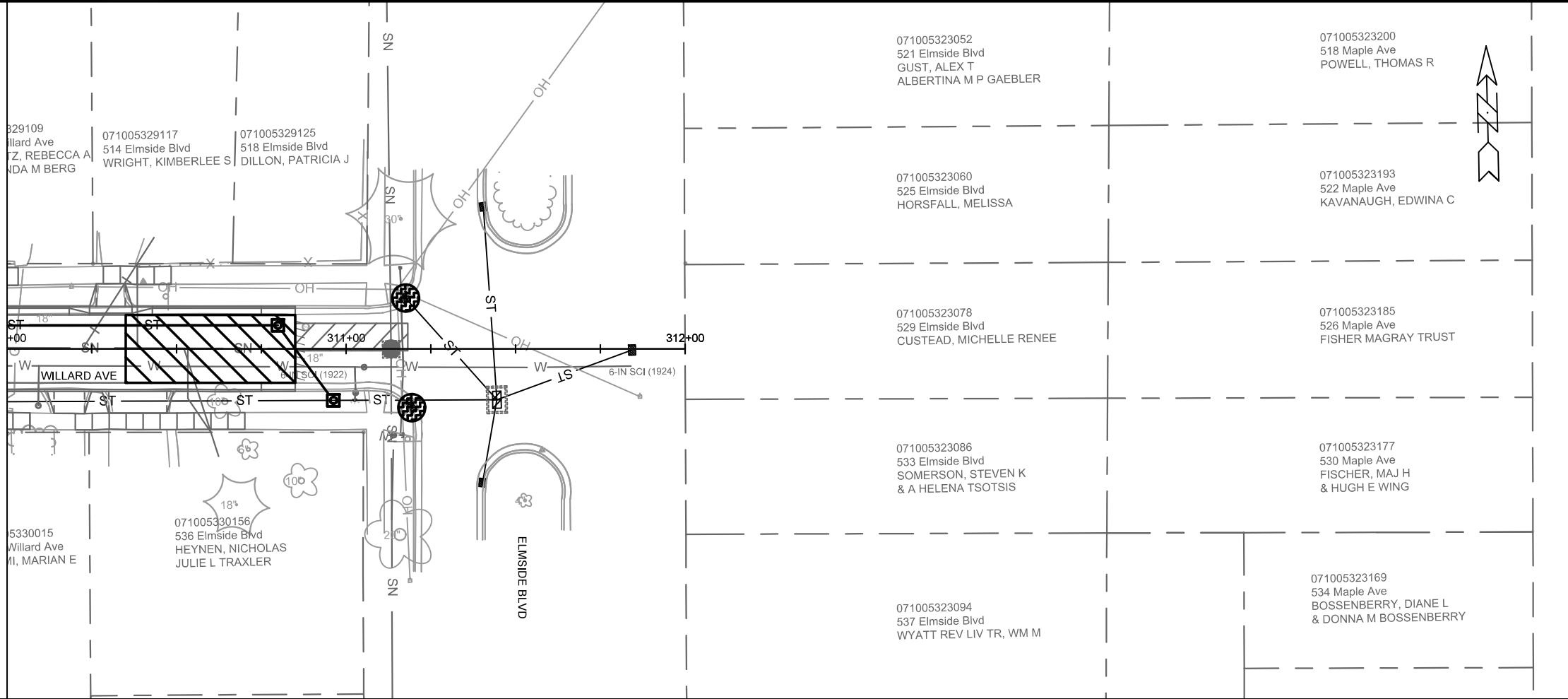
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MATCH LINE 310+00.00



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

071005323060  
525 Elmside Blvd  
HORSFALL, MELISSA

071005323078  
529 Elmside Blvd  
CUSTEAD, MICHELLE RENEE

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

071005323094  
537 Elmside Blvd  
WYATT REV LIV TR, WM M

071005323200  
518 Maple Ave  
POWELL, THOMAS R

071005323193  
522 Maple Ave  
KAVANAUGH, EDWINA C

071005323185  
526 Maple Ave  
FISHER MAGRAY TRUST

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

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

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EROSION CONTROL PLAN - WILLARD AVE

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

8659

CONTRACT NO:

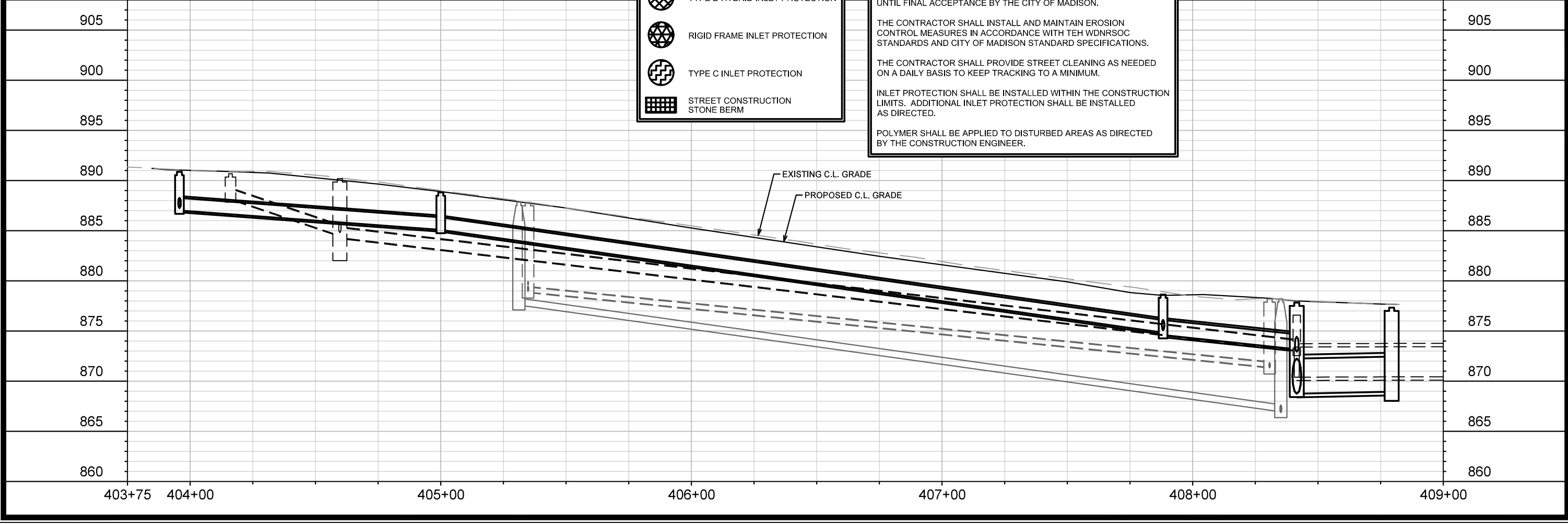
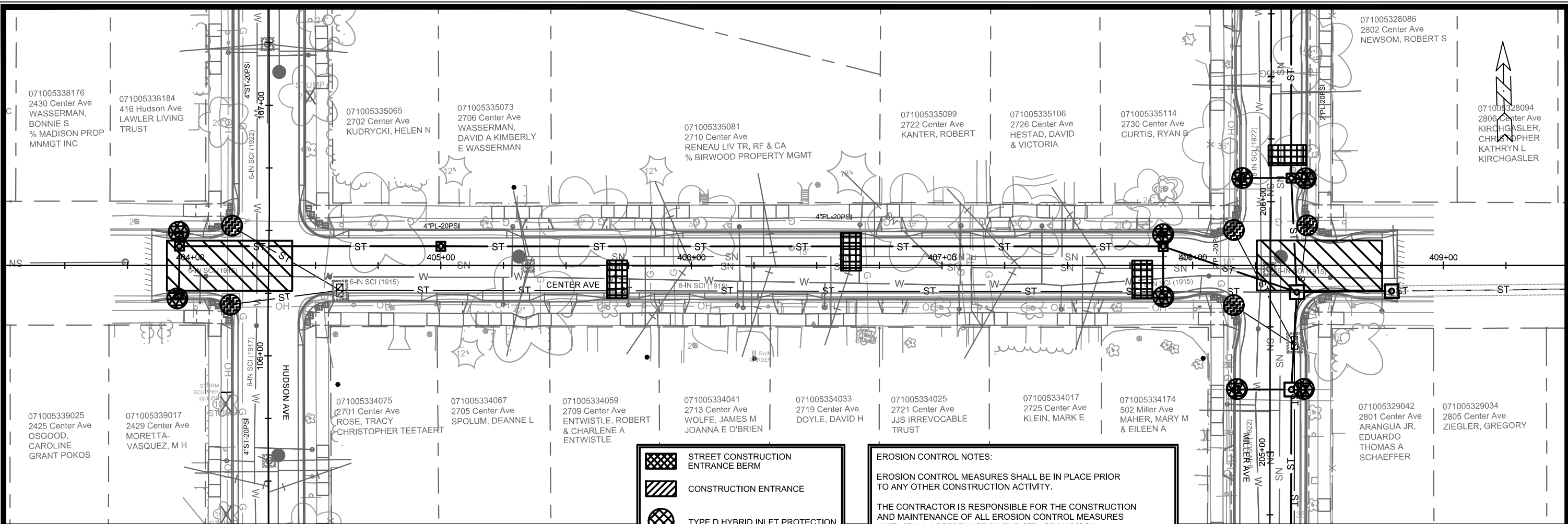
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EC-8

EC-8



-  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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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

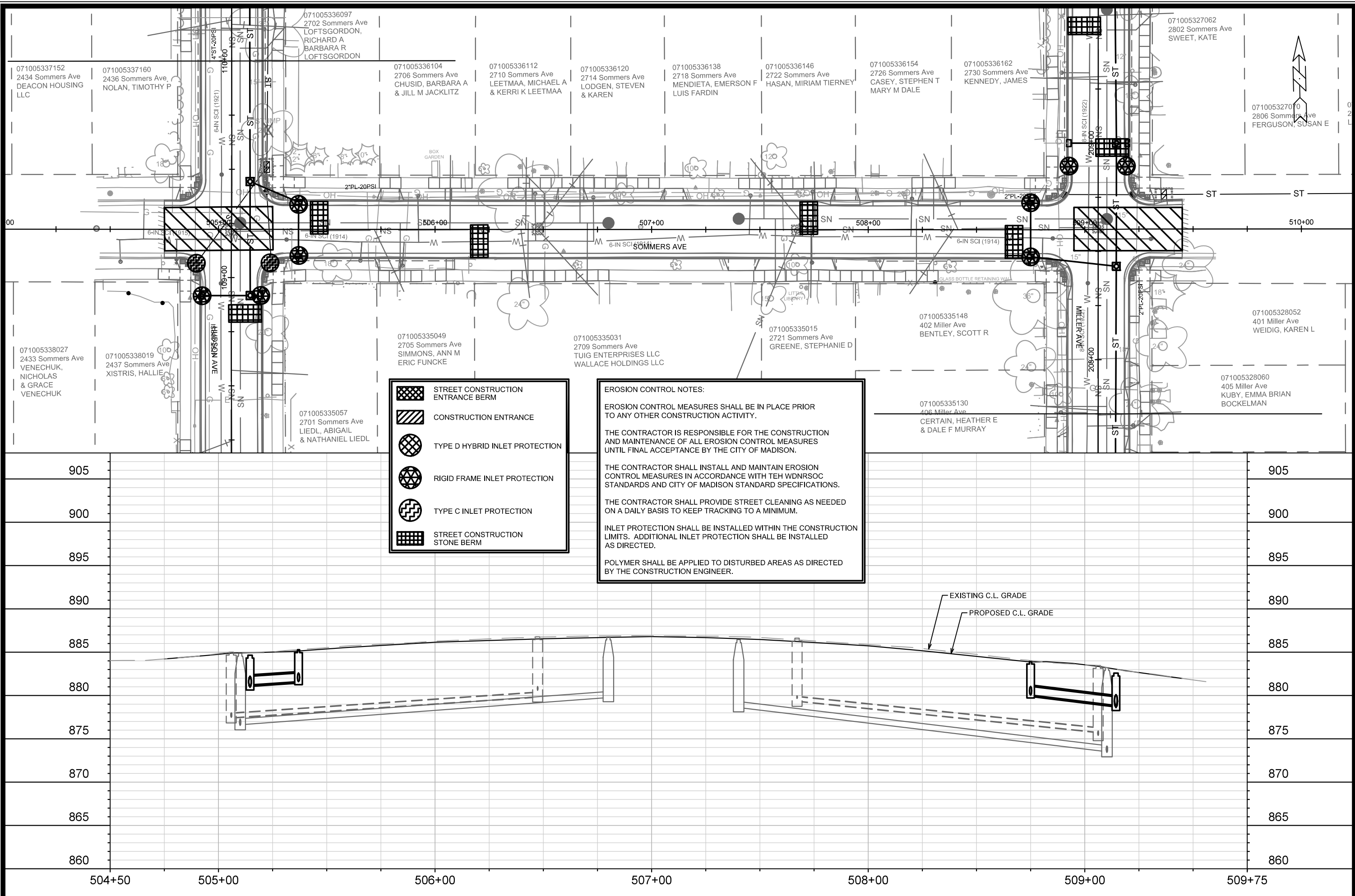
071005334174  
502 Miller Ave  
MAHER, MARY M  
& EILEEN A







071005329042  
2801 Center Ave  
ARANGUA JR,  
EDUARDO  
THOMAS A  
SCHAEFFER

071005329034  
2805 Center Ave  
ZIEGLER, GREGORY

|                  |                         |              |      |
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| MARK             | REVISION                | DATE         | BY   |
| 14075            |                         |              |      |
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14075  
EROSION CONTROL PLAN - CENTER AVE  
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
MADISON, WI  
CONTRACT NO: 8659



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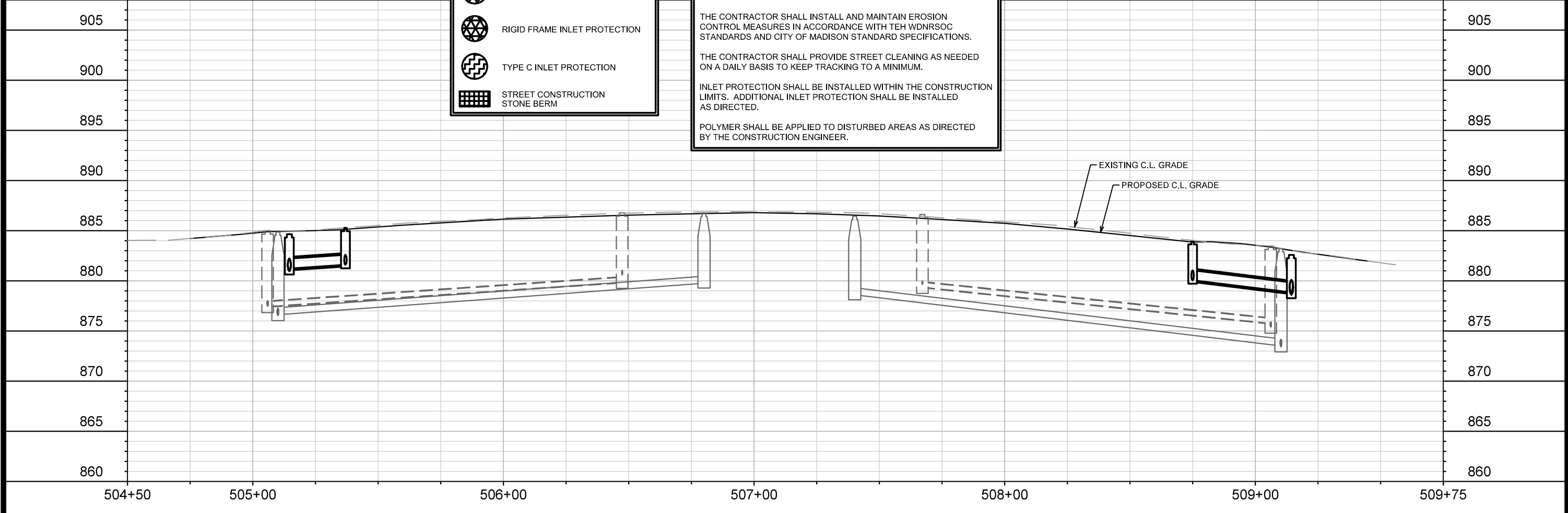
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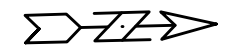
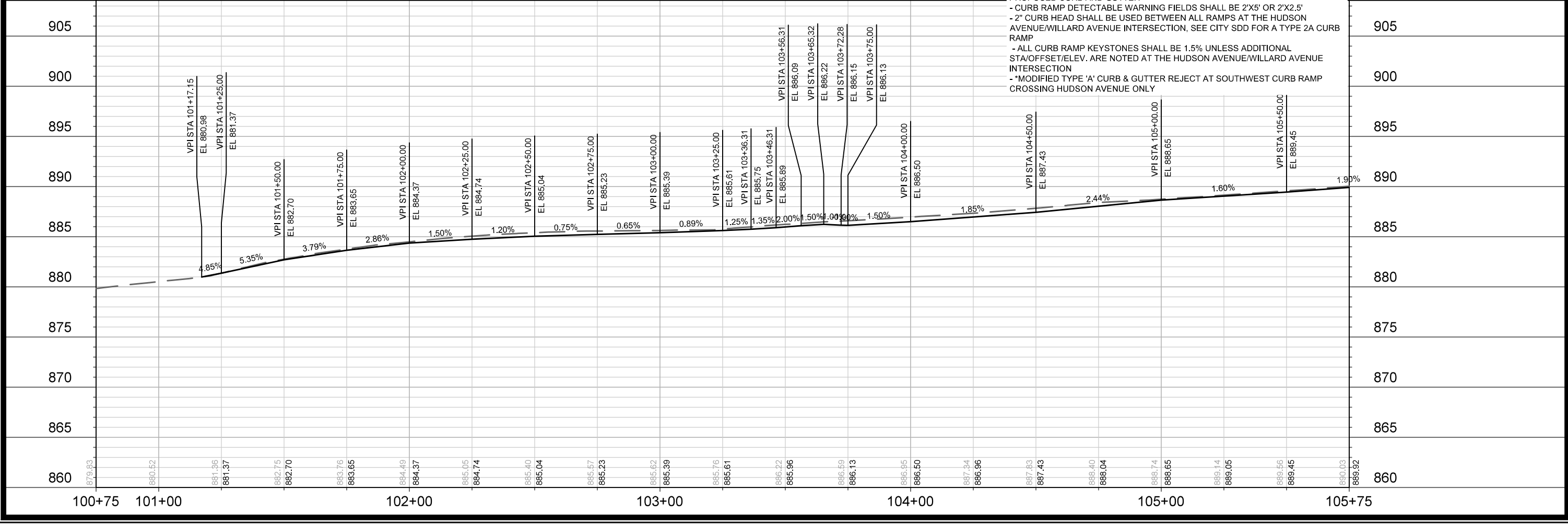
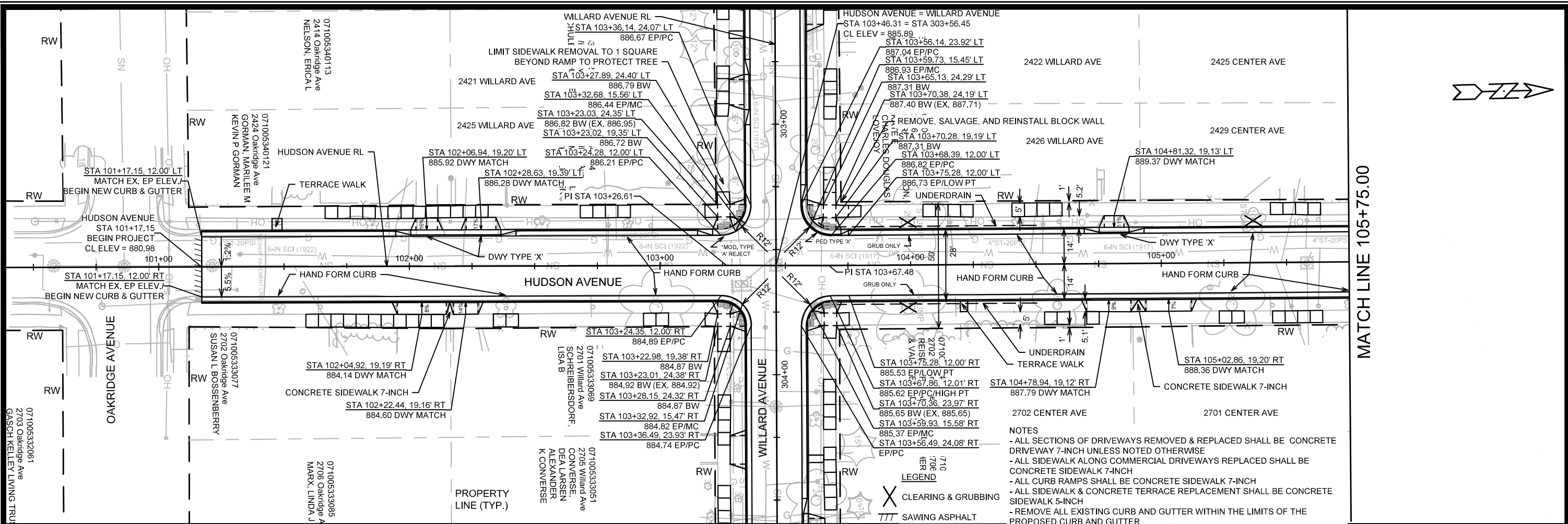
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| 14075   | 14075  | 14075       | 14075 | 14075 | 14075 |
| EROSION CONTROL PLAN - SOMMERS AVE  | HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE | MADISON, WI | 14075 | 8659  | EC-10 |
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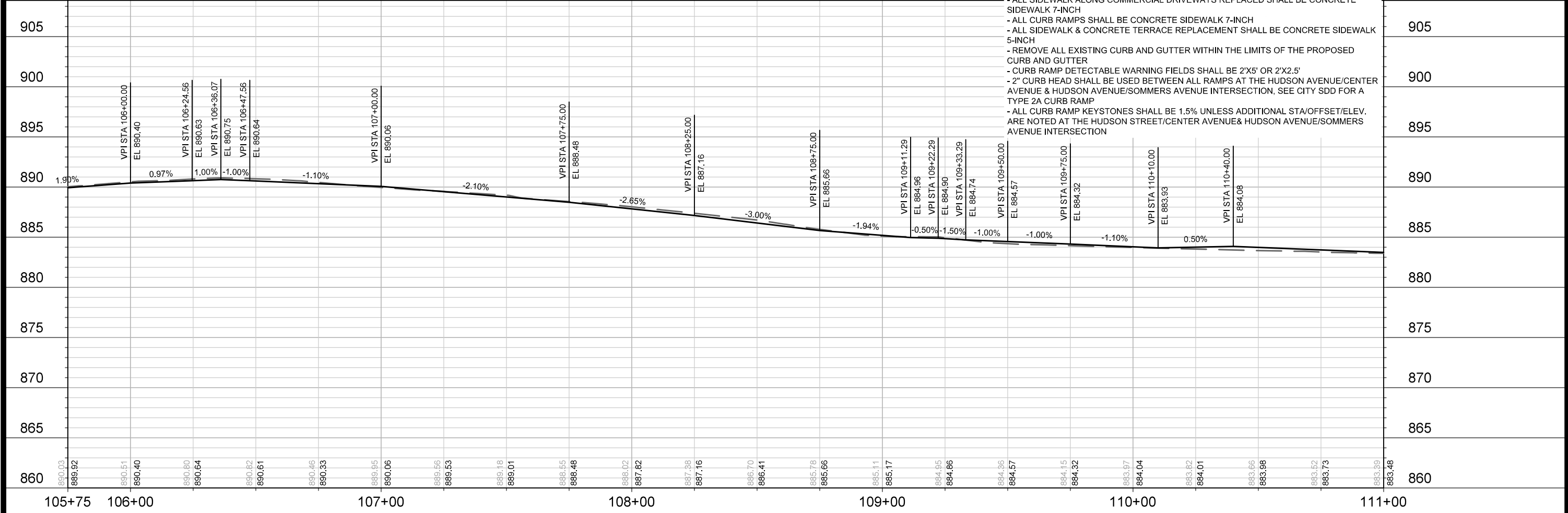
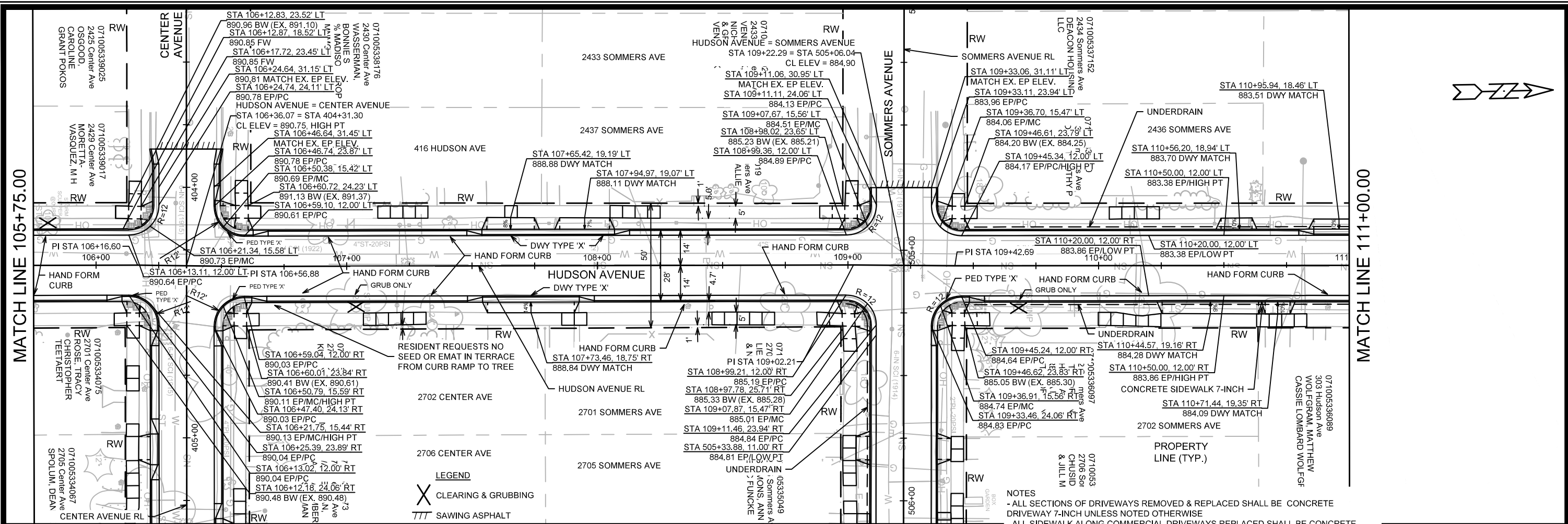


MATCH LINE 105+75.00

- 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

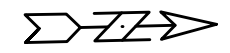
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| 14075  | MADISON, WI | 8659 | CONTRACT NO: |
|  |             |      |              |
| <b>HUDSON AVENUE PLAN AND PROFILE</b><br><b>HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE</b> |             |      |              |
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| 14075  | P-1         | 8659 | CONTRACT NO: |



- NOTES**
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  - ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
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**LEGEND**

- X CLEARING & GRUBBING
- /// SAWING ASPHALT



MATCH LINE 105+75.00

MATCH LINE 111+00.00

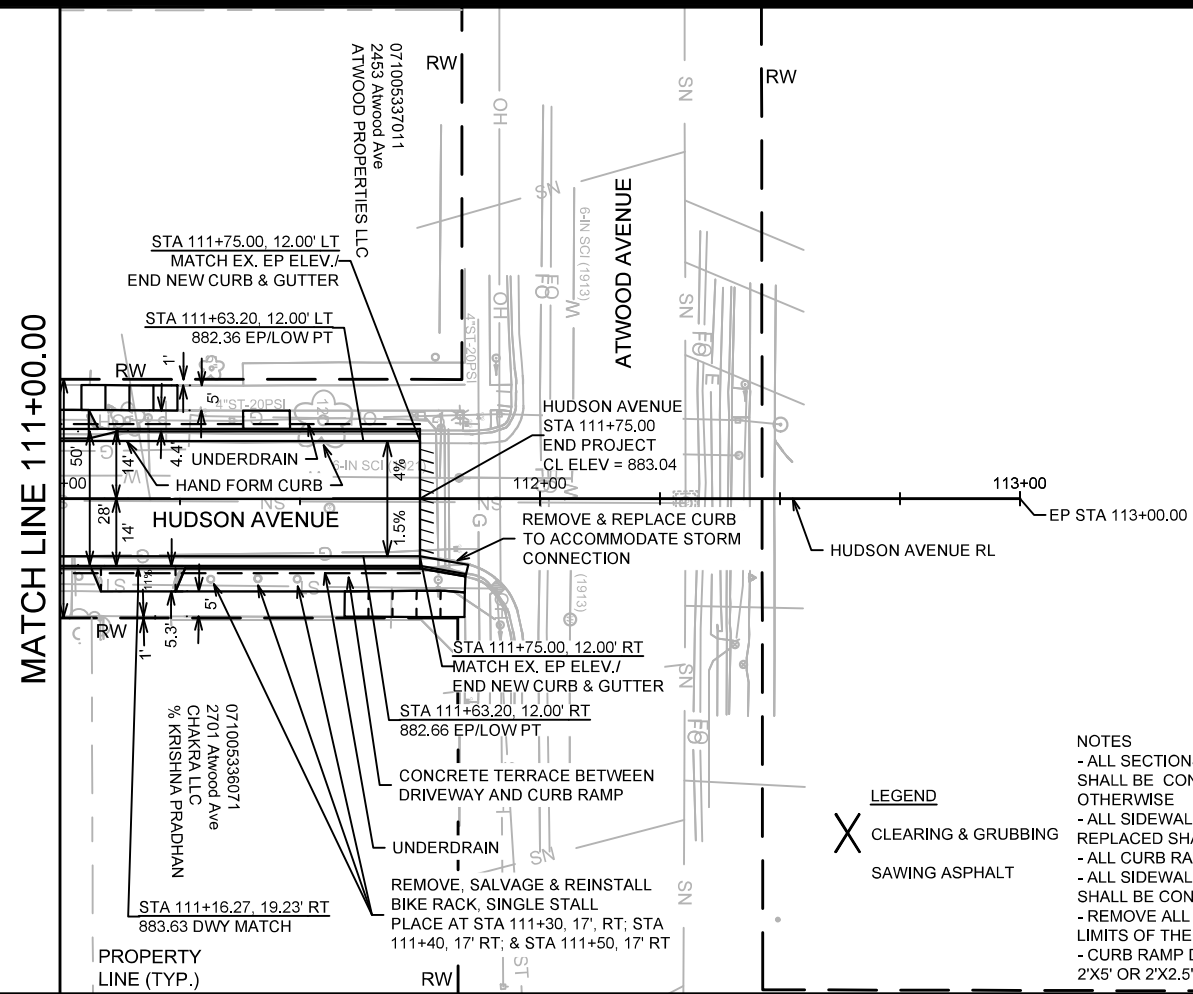
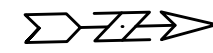
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 HUDSON AVENUE PLAN AND PROFILE  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
 MADISON, WI  
 CONTRACT NO: 8659  
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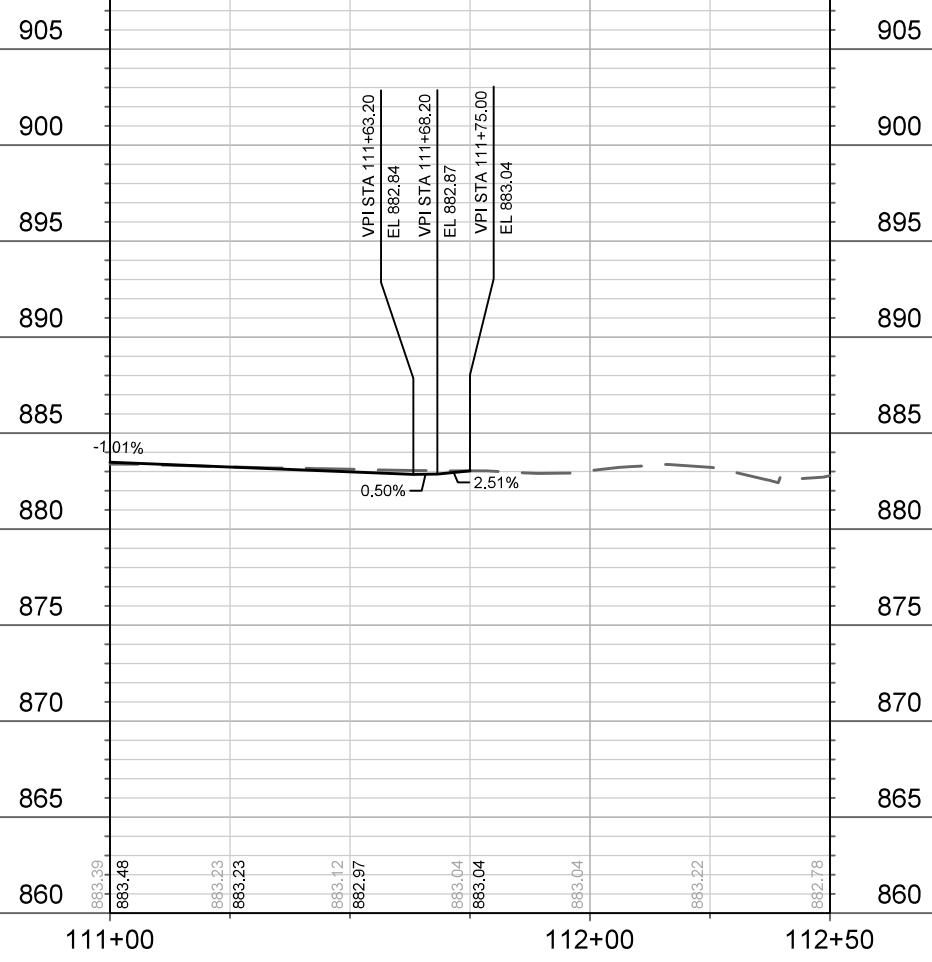






- LEGEND**
- X CLEARING & GRUBBING
  - SAWING ASPHALT

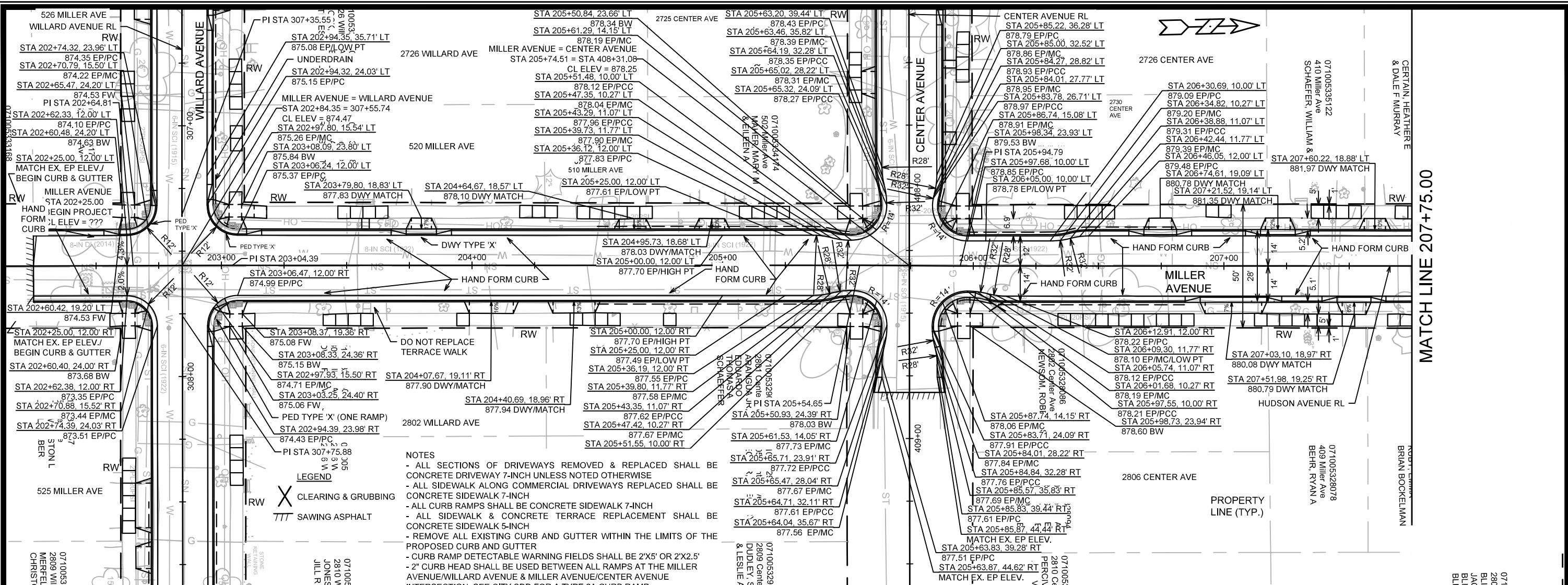
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  - ALL CURB RAMPS SHALL BE CONCRETE SIDEWALK 7-INCH
  - ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
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  - CURB RAMP DETECTABLE WARNING FIELDS SHALL BE 2'X5' OR 2'X2.5'



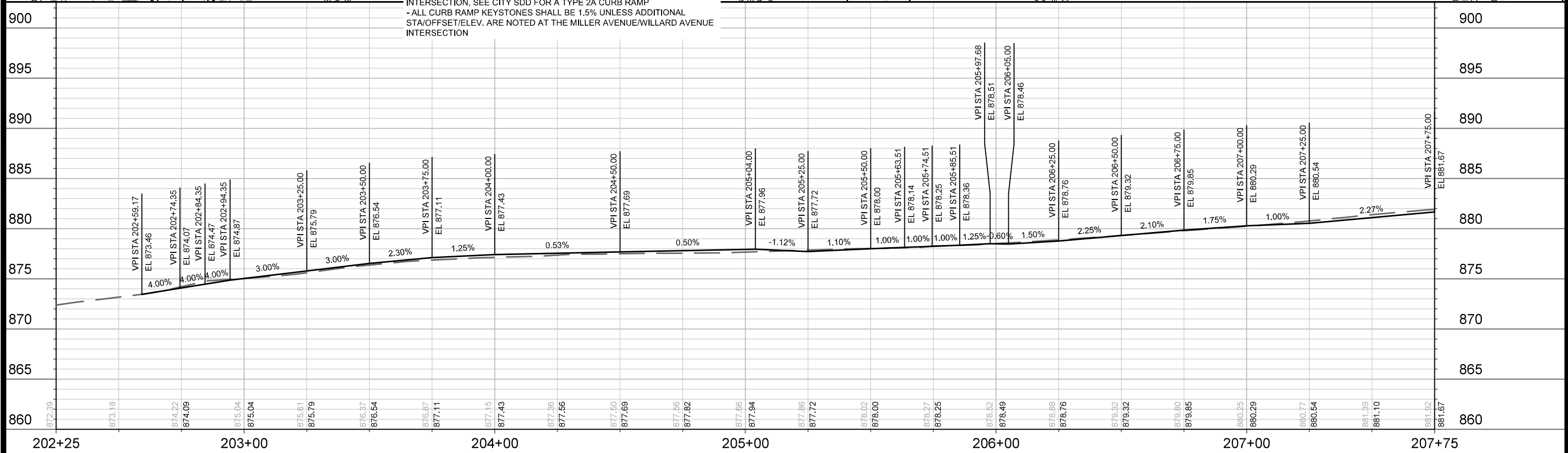
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14075  
 HUDSON AVENUE PLAN AND PROFILE  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI  
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 CONTRACT NO: 8659





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MATCH LINE 207+75.00

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

MILLER AVENUE PLAN AND PROFILE

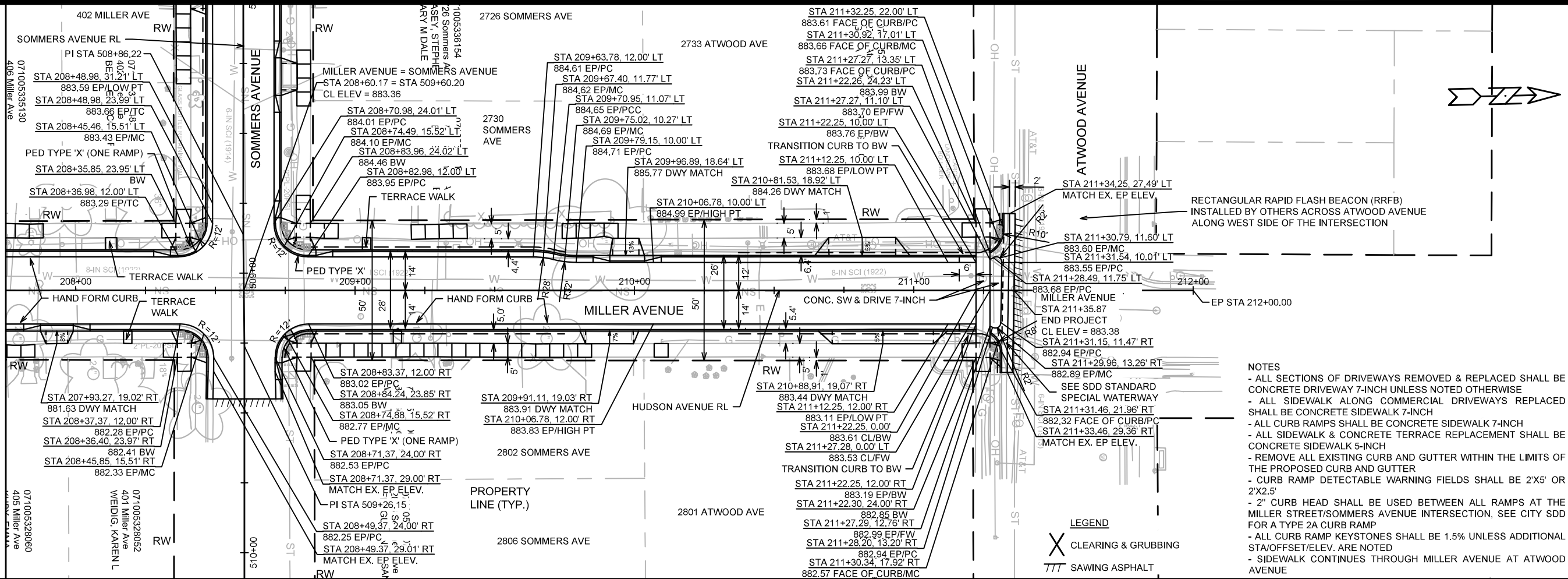
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P-4

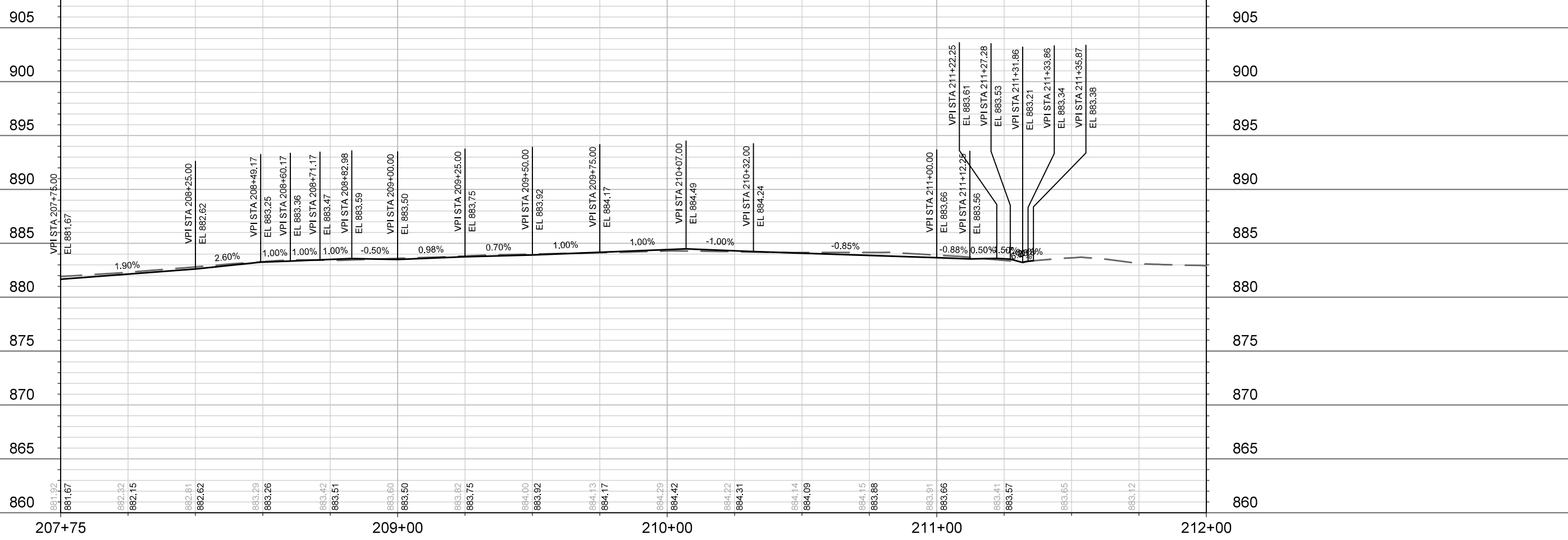
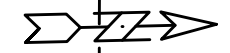


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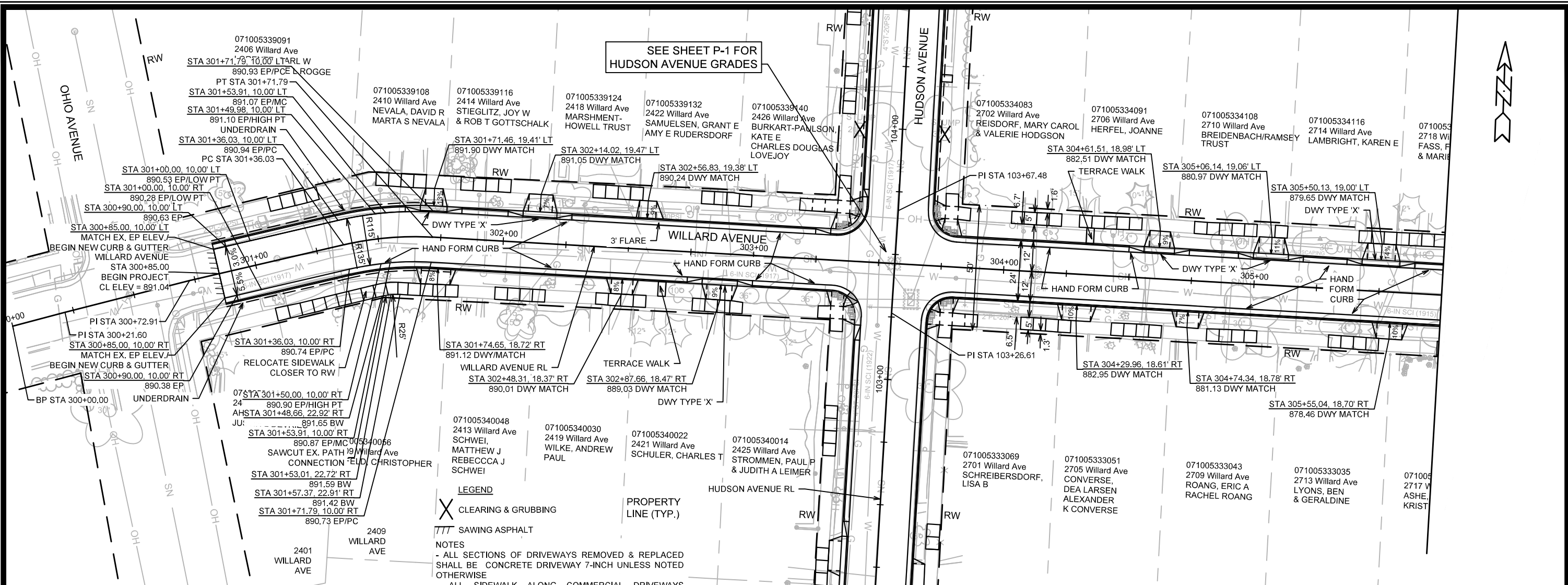


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  - ALL SIDEWALK ALONG COMMERCIAL DRIVEWAYS REPLACED SHALL BE CONCRETE SIDEWALK 7-INCH
  - ALL CURB RAMP SHALL BE CONCRETE SIDEWALK 7-INCH
  - ALL SIDEWALK & CONCRETE TERRACE REPLACEMENT SHALL BE CONCRETE SIDEWALK 5-INCH
  - REMOVE ALL EXISTING CURB 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  
 TTT SAWING ASPHALT

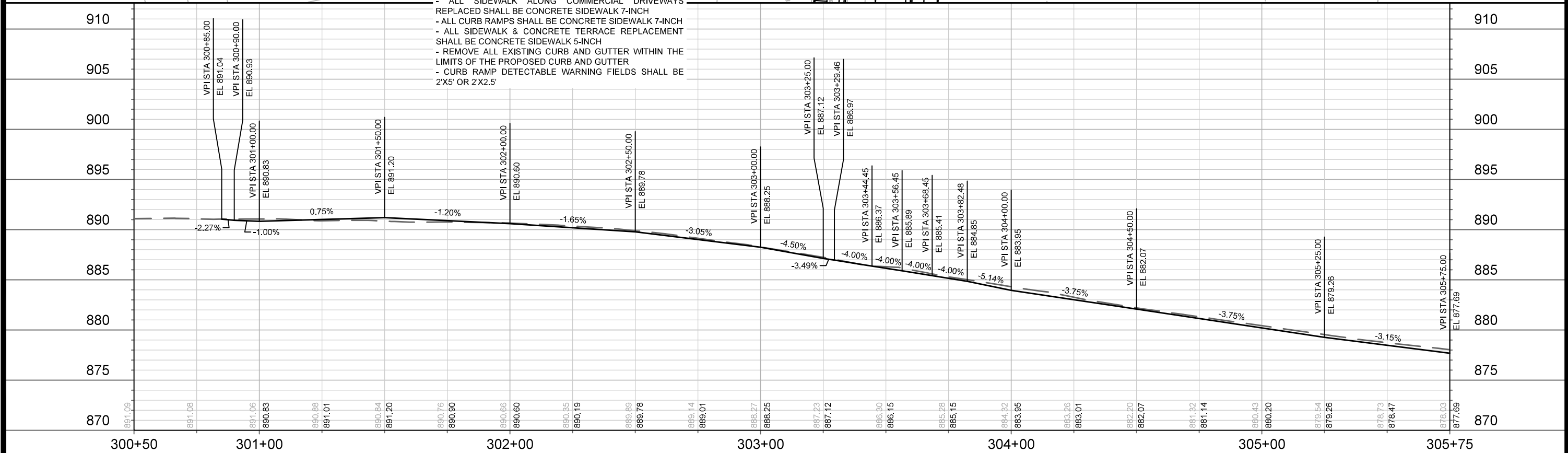


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| 14075                          | 14075  | 8659        | 14075        |
| MILLER AVENUE PLAN AND PROFILE | HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE | MADISON, WI | CONTRACT NO: |
|                                |  |             |              |
| 14075                          | P-5  |             |              |



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

**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'



**14075**

**WILLARD AVENUE PLAN AND PROFILE**

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

**MADISON, WI**

**CONTRACT NO: 8659**

**14075**

**P-6**

City of Madison Wisconsin logo

Scale: 1" = 40'

Date: 6/27/2023 6:33 AM

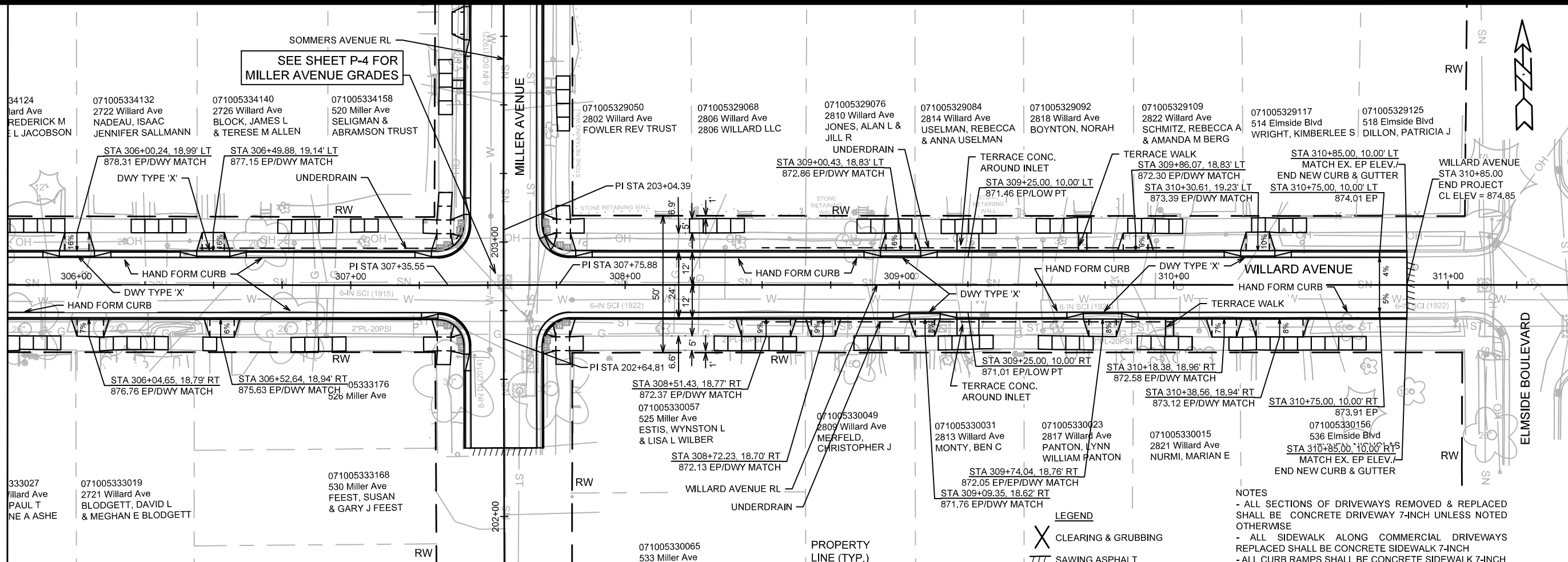
Designed By: ALJ

REVISION

DATE

BY

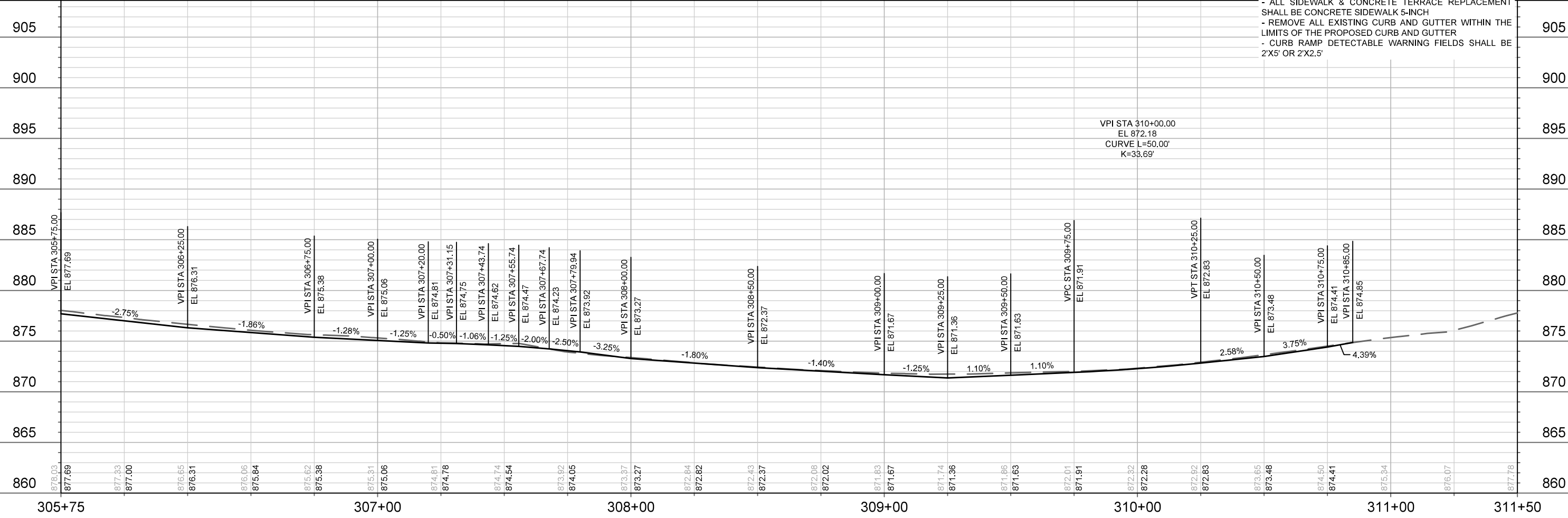
MATCH LINE 305+75.00



SEE SHEET P-4 FOR MILLER AVENUE GRADES

- NOTES
- ALL SECTIONS OF DRIVEWAYS REMOVED & REPLACED SHALL BE CONCRETE DRIVEWAY 7-INCH UNLESS NOTED OTHERWISE
  - ALL SIDEWALK ALONG COMMERCIAL DRIVEWAYS REPLACED 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



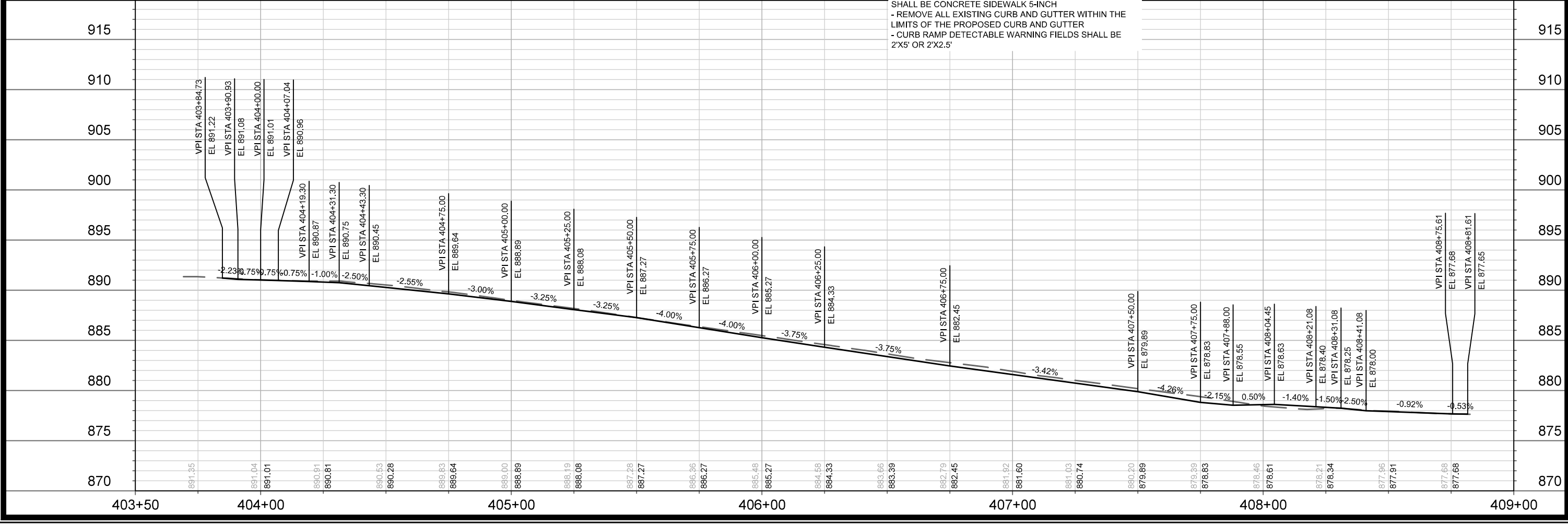
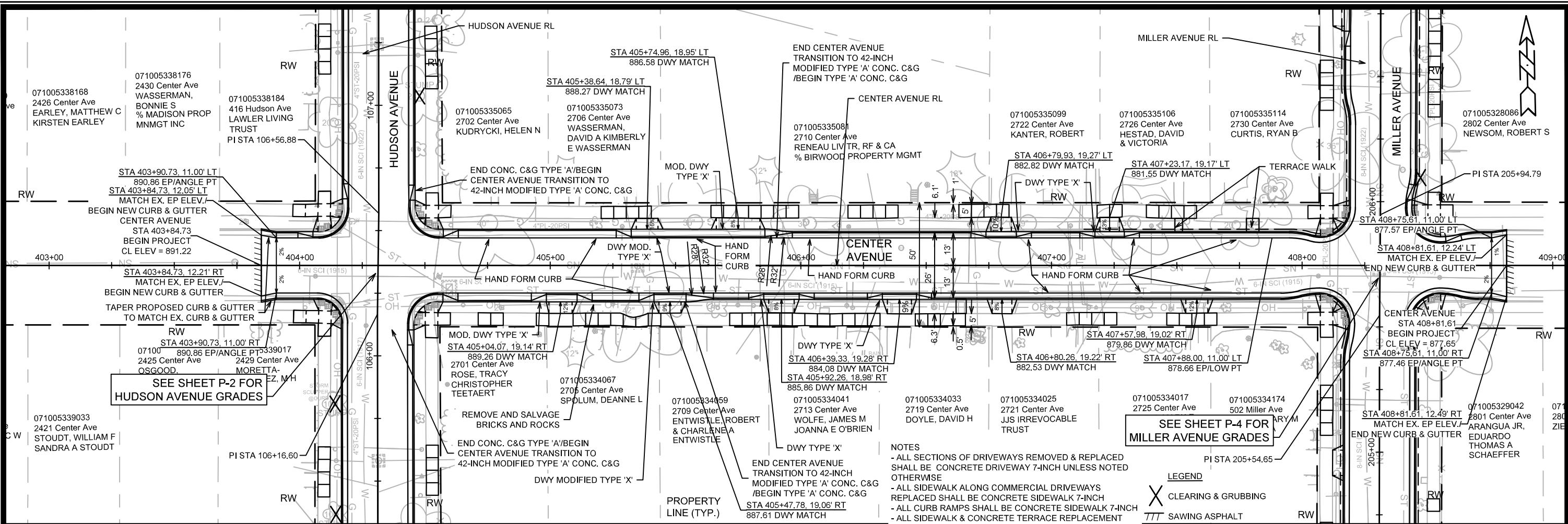
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14075  
 MADISON, WI  
 8659  
 CONTRACT NO:

WILLARD AVENUE PLAN AND PROFILE  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
 14075  
 P-7



14075  
 P-7



**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-4 FOR MILLER AVENUE GRADES

SEE SHEET P-2 FOR HUDSON AVENUE GRADES

|             |                   |
|-------------|-------------------|
| DATE        | BY                |
| REVISION    |                   |
| MARK        | 14075             |
| DESIGNED BY | ALJ               |
| DATE        | 6/27/2023 6:33 AM |
| SCALE       | 1" = 40'          |
| PAGE        | P-8               |

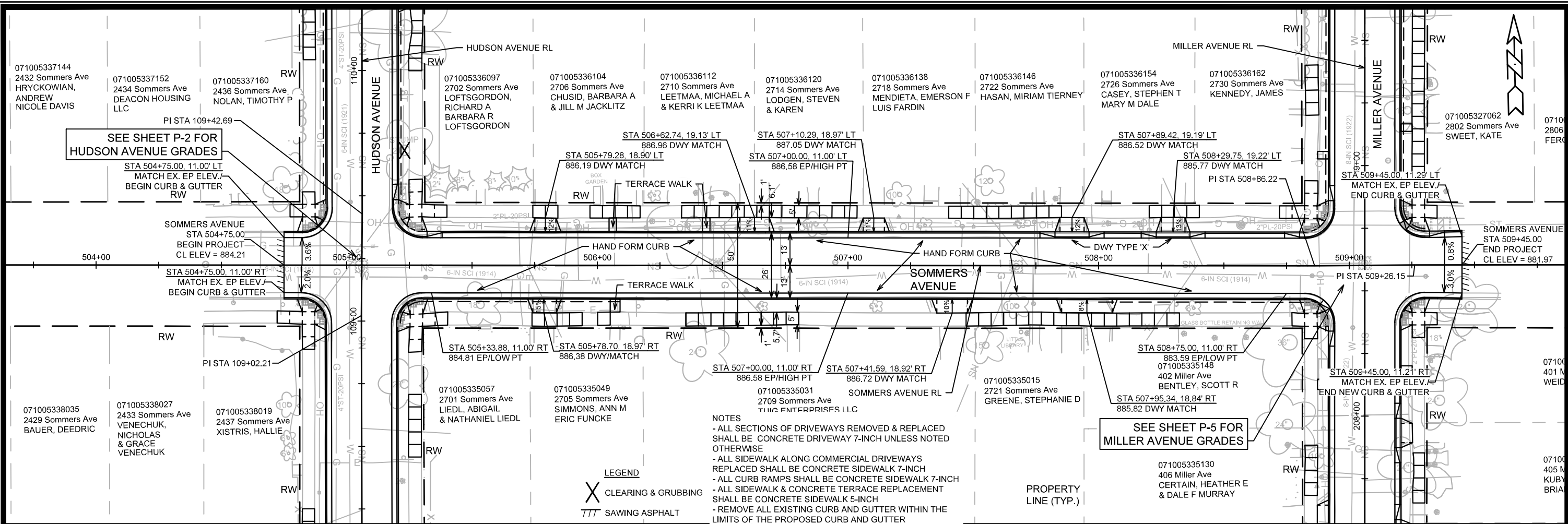
  

14075  
 8659  
 CONTRACT NO.

CITY OF MADISON  
 WISCONSIN

14075  
 P-8

CENTER AVENUE PLAN & PROFILE  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
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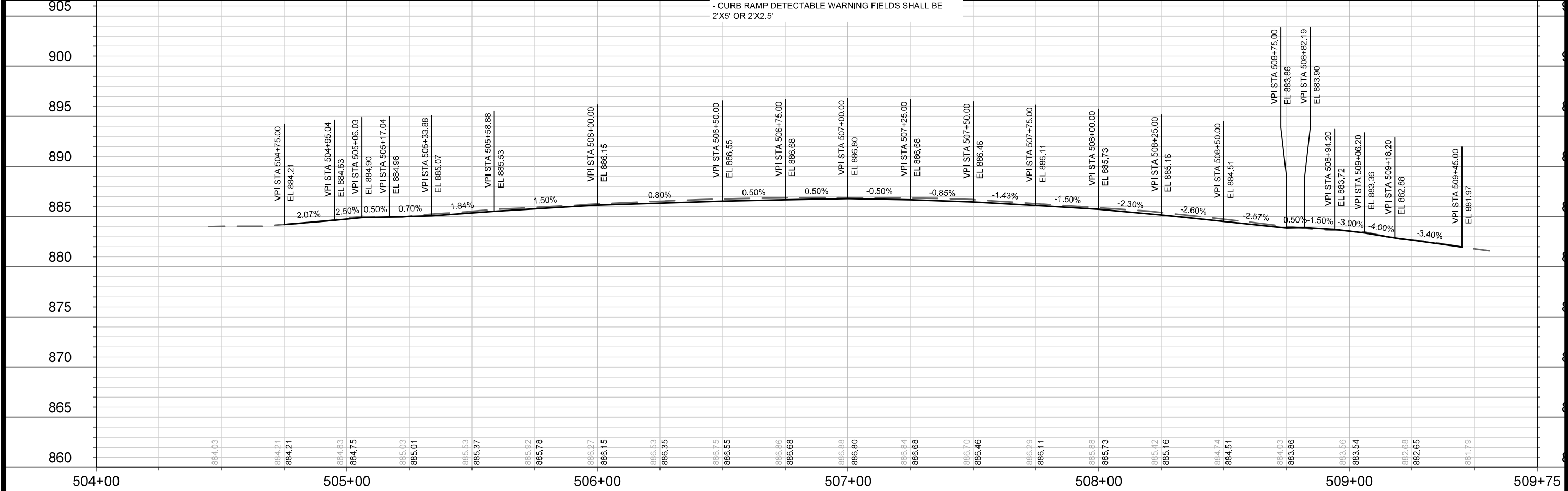


**NOTES**

- 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**

- CLEARING & GRUBBING
- SAWING ASPHALT



071005337144  
2432 Sommers Ave  
HRYCKOWIAN,  
ANDREW  
NICOLE DAVIS

071005337152  
2434 Sommers Ave  
DEACON HOUSING  
LLC

071005337160  
2436 Sommers Ave  
NOLAN, TIMOTHY P

071005336097  
2702 Sommers Ave  
LOFTSGORDON,  
RICHARD A  
BARBARA R  
LOFTSGORDON

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

071005336112  
2710 Sommers Ave  
LEETMAA, MICHAEL A  
& KERRI K LEETMAA

071005336120  
2714 Sommers Ave  
LODGEN, STEVEN  
& KAREN

071005336138  
2718 Sommers Ave  
MENDIETA, EMERSON F  
LUIS FARDIN

071005336146  
2722 Sommers Ave  
HASAN, MIRIAM TIERNEY

071005336154  
2726 Sommers Ave  
CASEY, STEPHEN T  
MARY M DALE

071005336162  
2730 Sommers Ave  
KENNEDY, JAMES

071005338035  
2429 Sommers Ave  
BAUER, DEEDRIC

071005338027  
2433 Sommers Ave  
VENECHUK,  
NICHOLAS  
& GRACE  
VENECHUK

071005338019  
2437 Sommers Ave  
XISTRIS, HALLIE

071005335057  
2701 Sommers Ave  
LIEDL, ABIGAIL  
& NATHANIEL LIEDL

071005335049  
2705 Sommers Ave  
SIMMONS, ANN M  
ERIC FUNCKE

071005335031  
2709 Sommers Ave  
THE ENTERPRISES LLC

071005335015  
2721 Sommers Ave  
GREENE, STEPHANIE D

071005335148  
402 Miller Ave  
BENTLEY, SCOTT R

071005335130  
406 Miller Ave  
CERTAIN, HEATHER E  
& DALE F MURRAY

071005327062  
2802 Sommers Ave  
SWEET, KATE

**14075**

**SOMMERS AVENUE PLAN AND PROFILE**

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

**MADISON, WI**

**CONTRACT NO: 8659**

**14075**

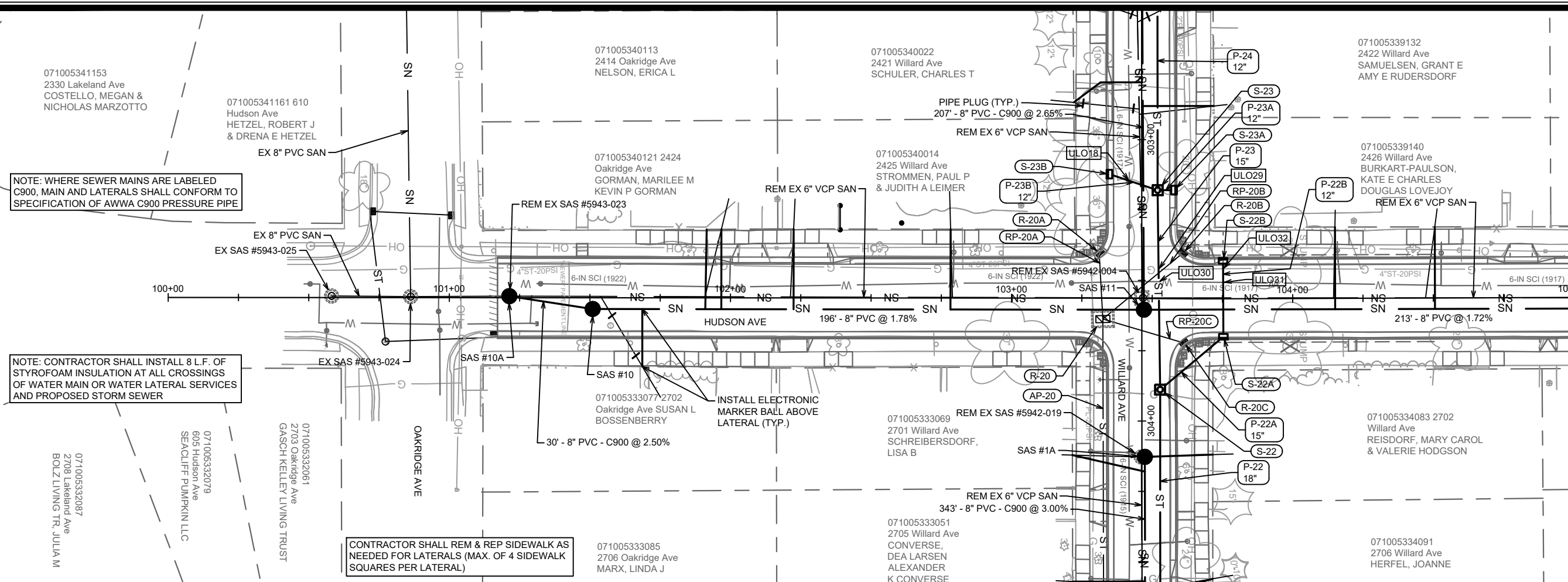
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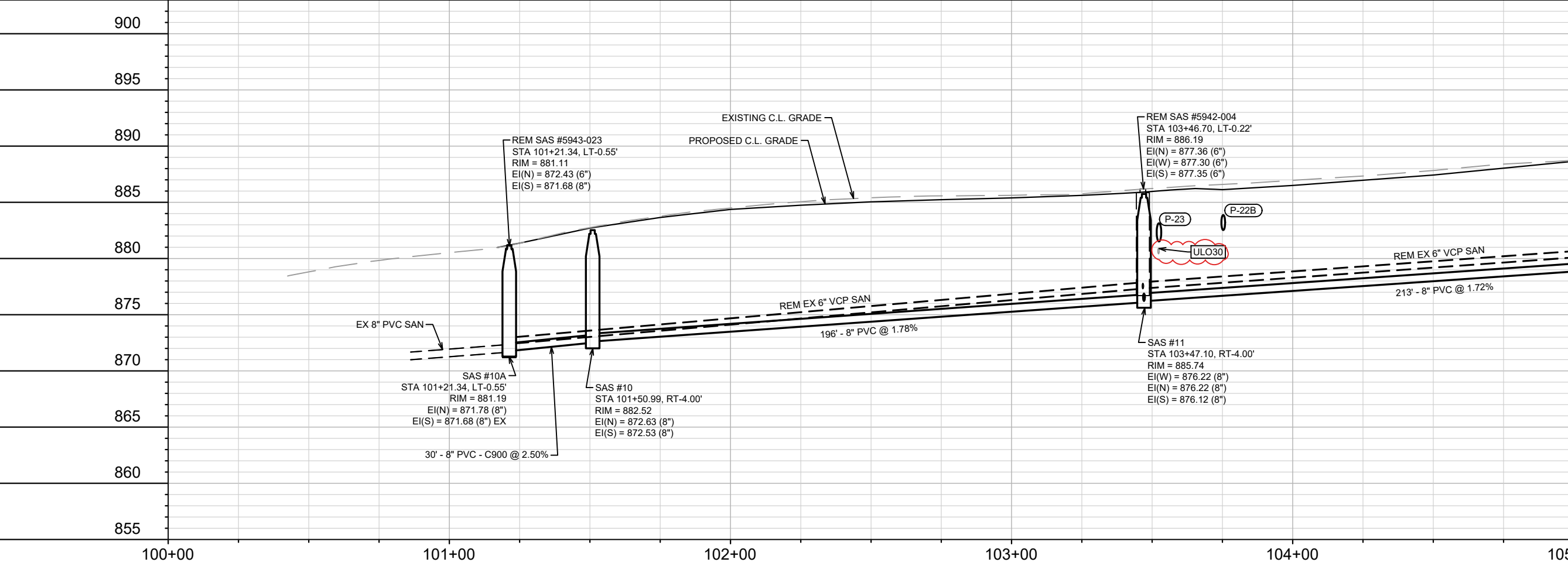
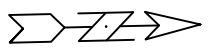
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Scale: 1" = 40'

P-9



MATCH LINE 105+00.00



|                        |                        |
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| U-1                    | U-1                    |
| 4/4/24                 | KDF                    |
| DATE                   | BY                     |
| REVISION               | REVISION               |
| U-1                    | U-1                    |
| 14075                  | 14075                  |
| 8659                   | 8659                   |
| CONTRACT NO:           | CONTRACT NO:           |
| 14075                  | 14075                  |
| MADISON, WI            | MADISON, WI            |
| SOMMERS AVE            | SOMMERS AVE            |
| CENTER AVE             | CENTER AVE             |
| WILLARD AVE            | WILLARD AVE            |
| MILLER AVE             | MILLER AVE             |
| HUDSON AVE             | HUDSON AVE             |
| SEWER PLAN AND PROFILE | SEWER PLAN AND PROFILE |
| HUDSON AVE             | HUDSON AVE             |
| 14075                  | 14075                  |
| U-1                    | U-1                    |

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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

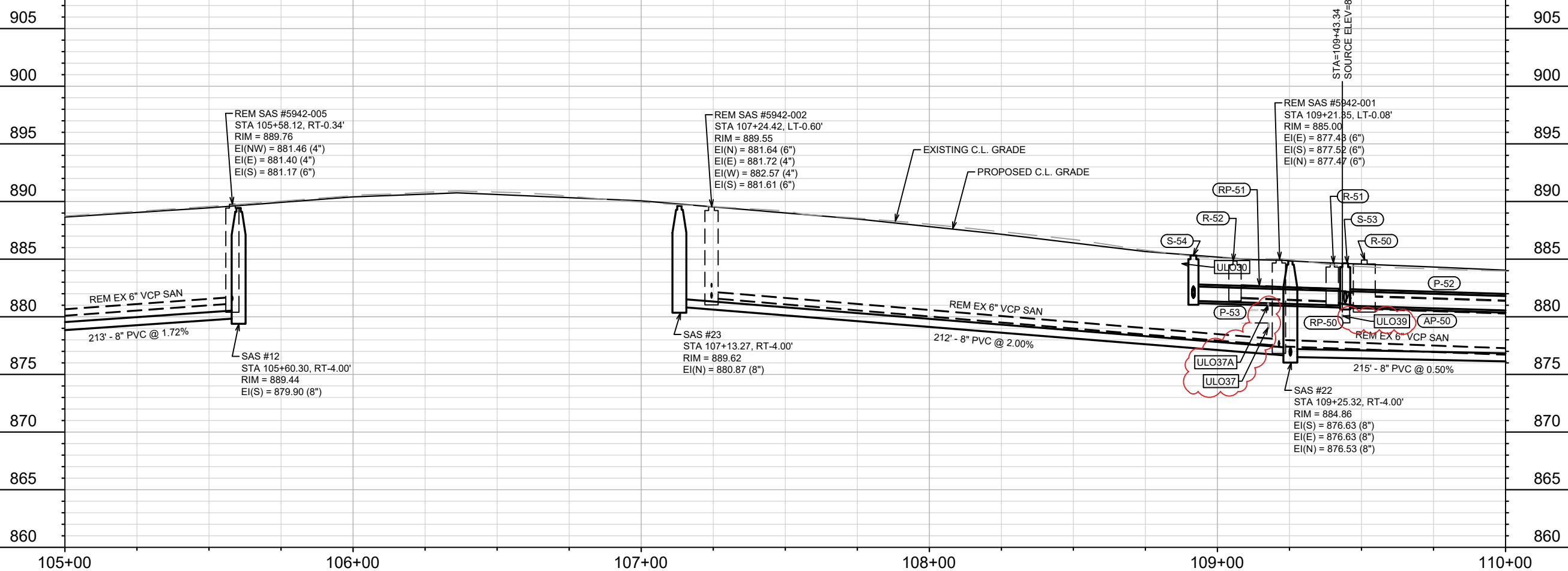
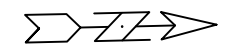
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2705 Sommers Ave  
SIMMONS, ANN M  
ERIC FUNCKE

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



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| 1   | 4/4/24 | KDF |
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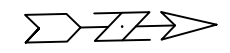
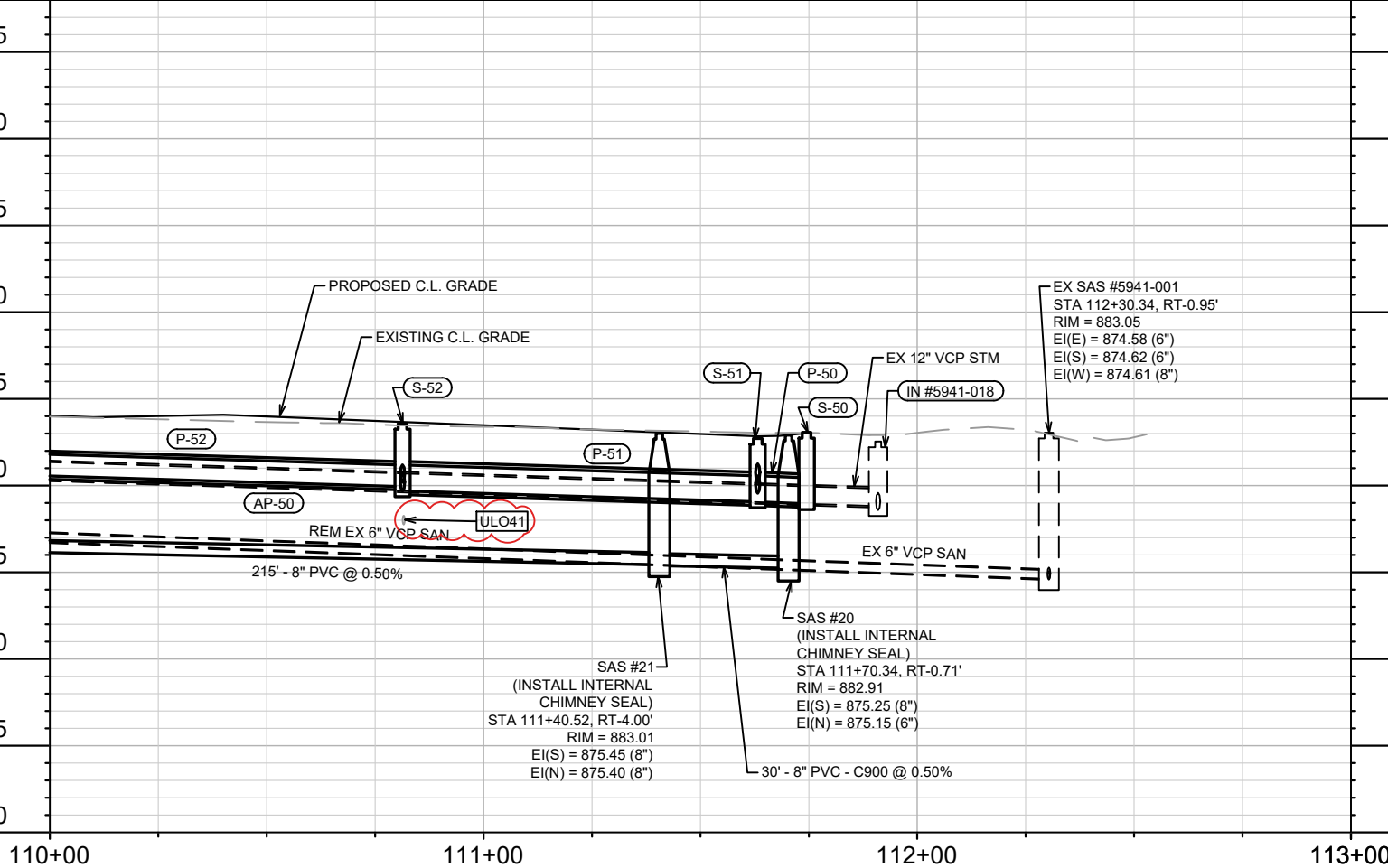
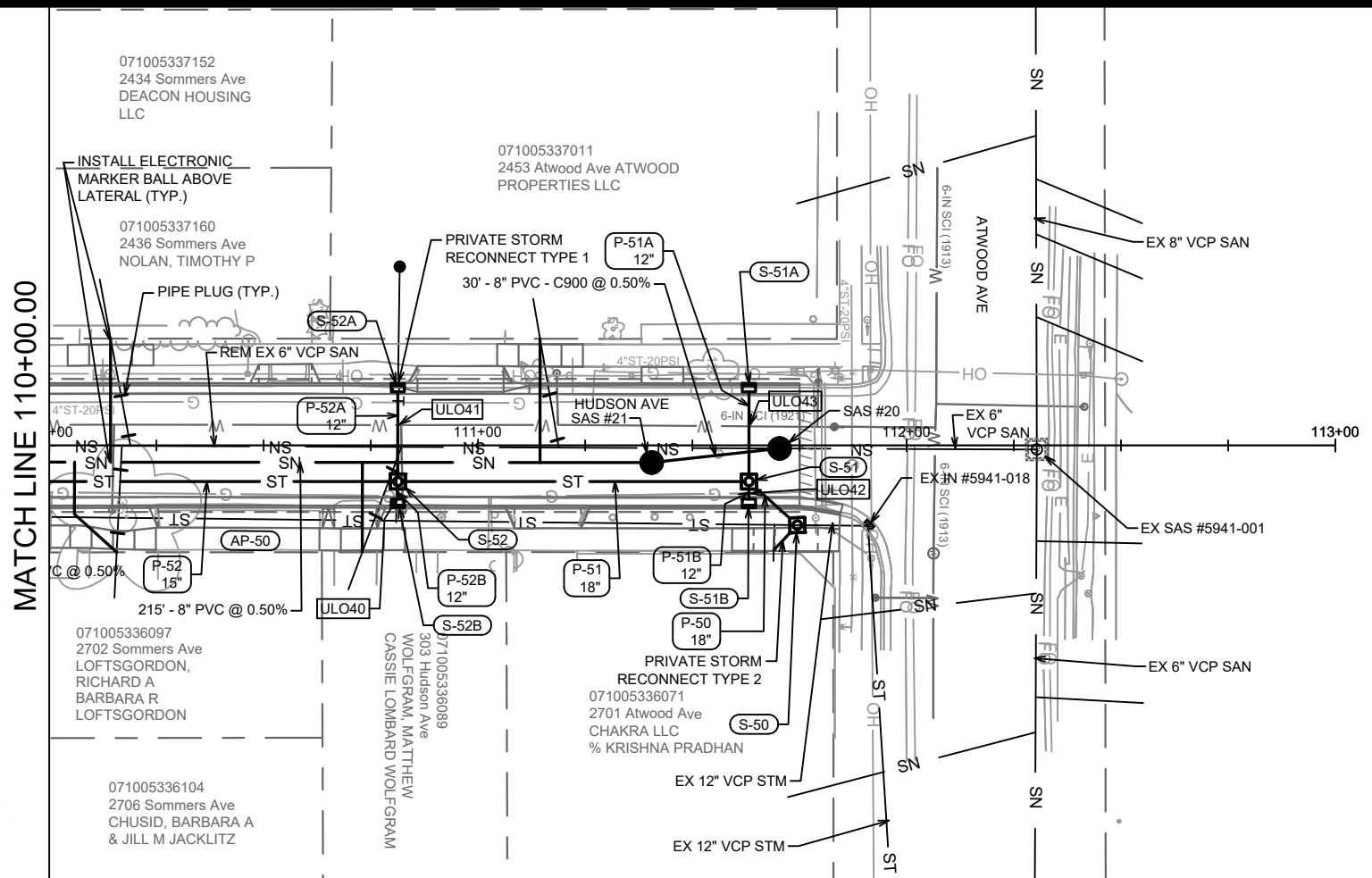
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14075  
MADISON, WI  
CONTRACT NO.: 8659

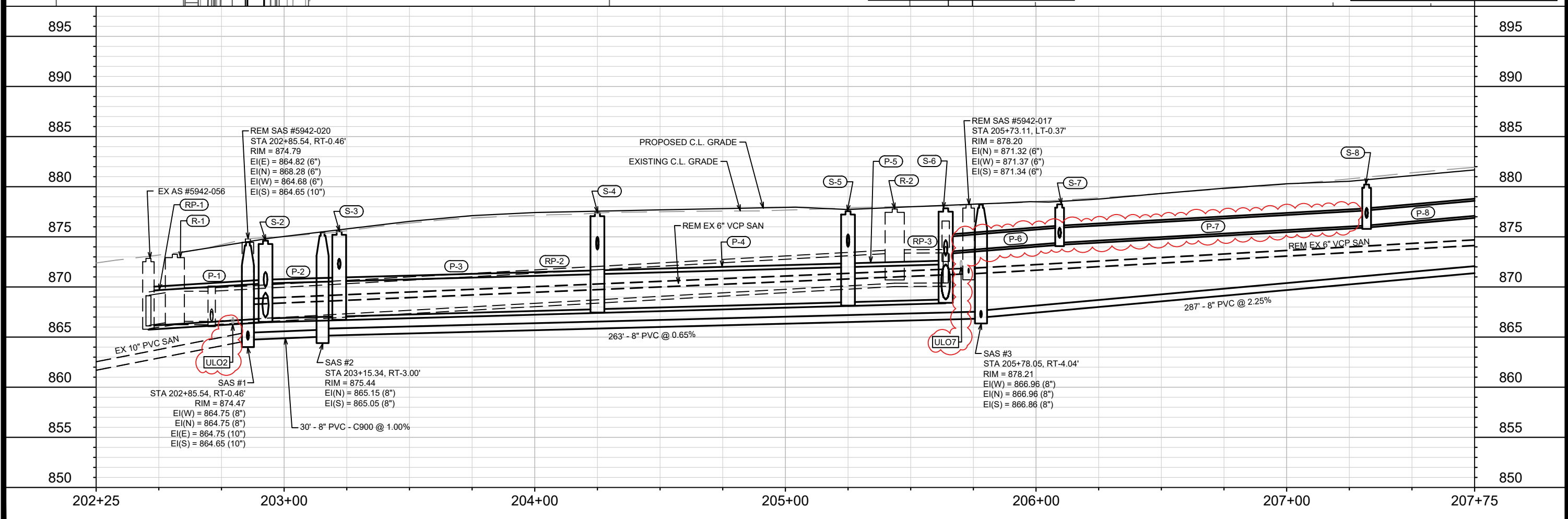
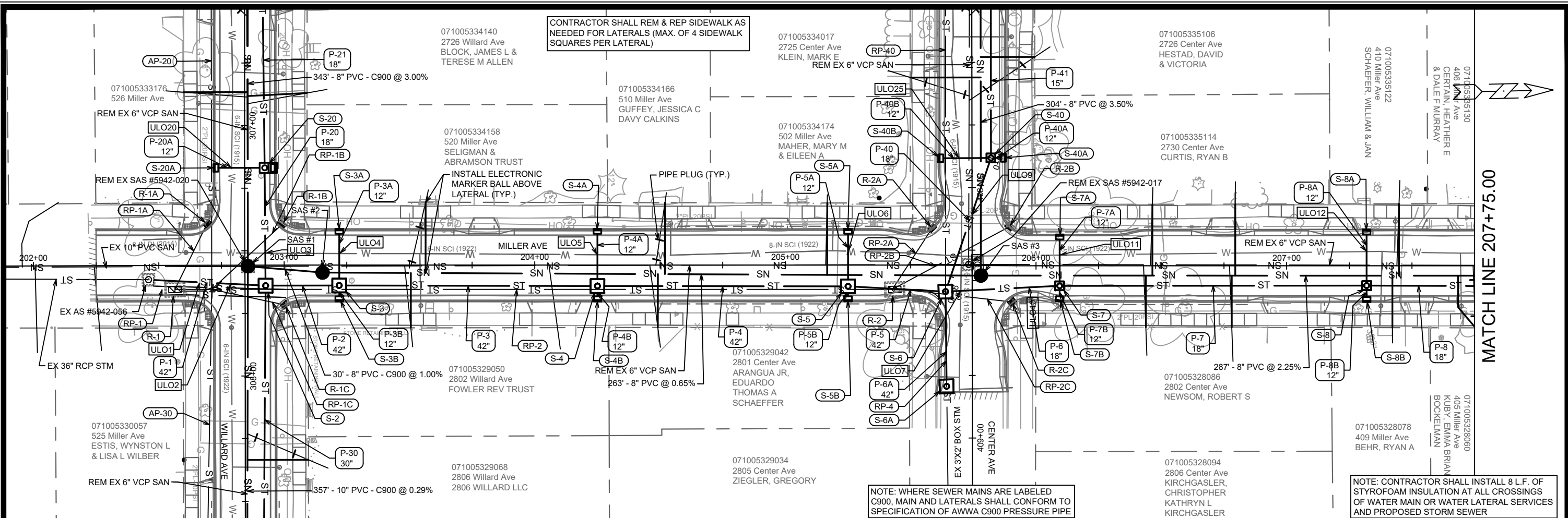
SEWER PLAN AND PROFILE - HUDSON AVE  
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE



14075  
U-2



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|--|-------------|--------------|
| 14075  | 14075       | U-3          |
| HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE | MADISON, WI | 8659         |
| SEWER PLAN AND PROFILE - HUDSON AVE                          |             | CONTRACT NO: |
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MATCH LINE 207+75.00

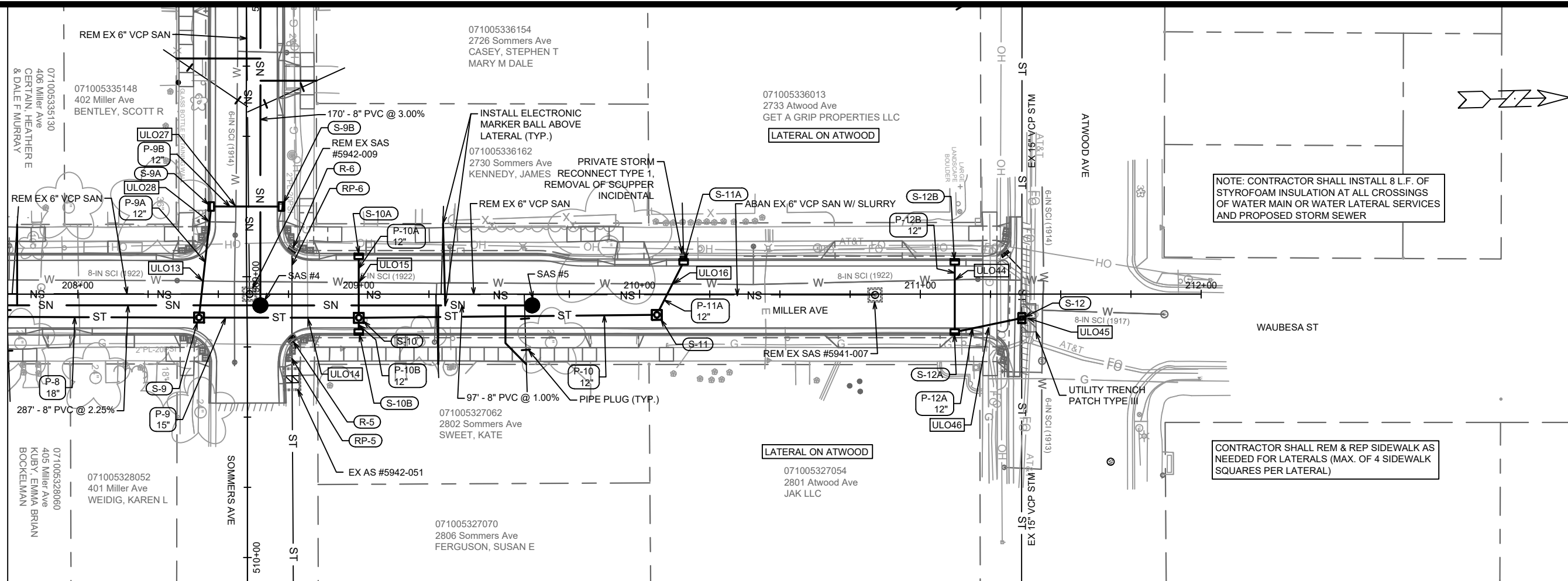
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| SEWER PLAN AND PROFILE - MILLER AVE                          |             |             |             |            |
| HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE |             |             |             |            |
| CONTRACT NO.: 8659   |             |             |             |            |
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CITY OF MADISON  
WISCONSIN

14075

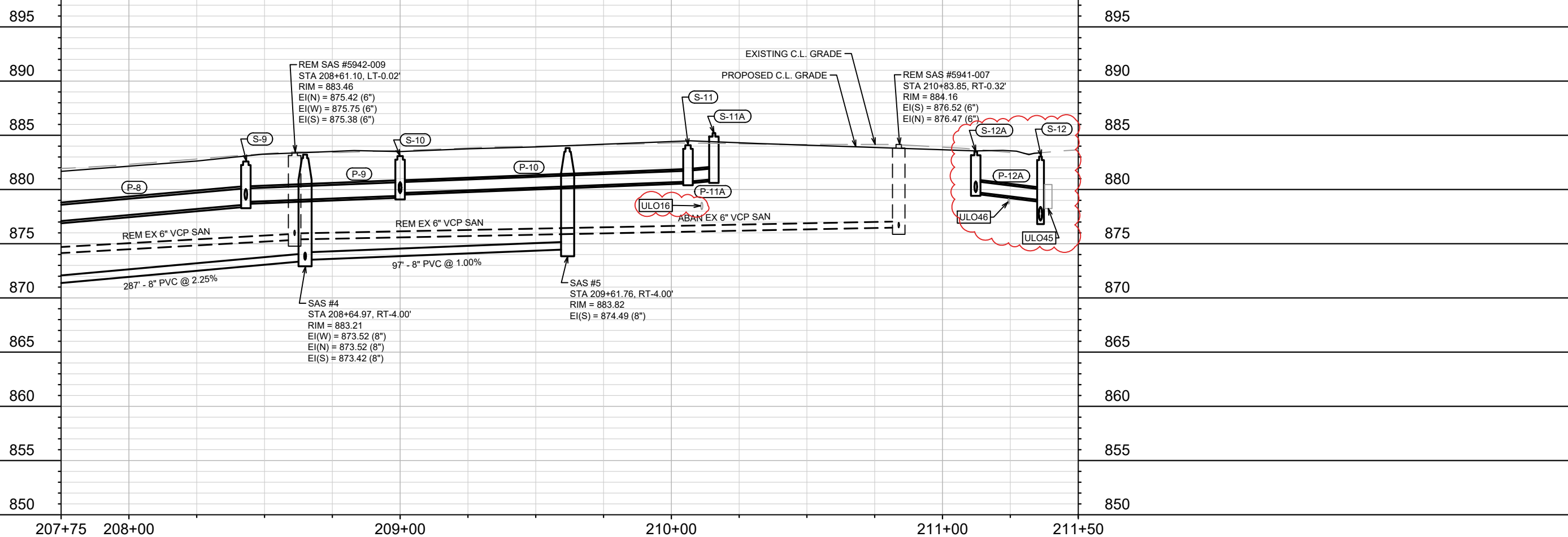
U-4

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)



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| DATE         | 9/6/23 | BY     | KDF              |
| REVISION     |        |        |                  |
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| Designed By: | AJZ    | Date:  | 9/7/2023 4:17 PM |
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14075  
 SEWER PLAN AND PROFILE - MILLER AVE  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
 MADISON, WI  
 CONTRACT NO.: 8659



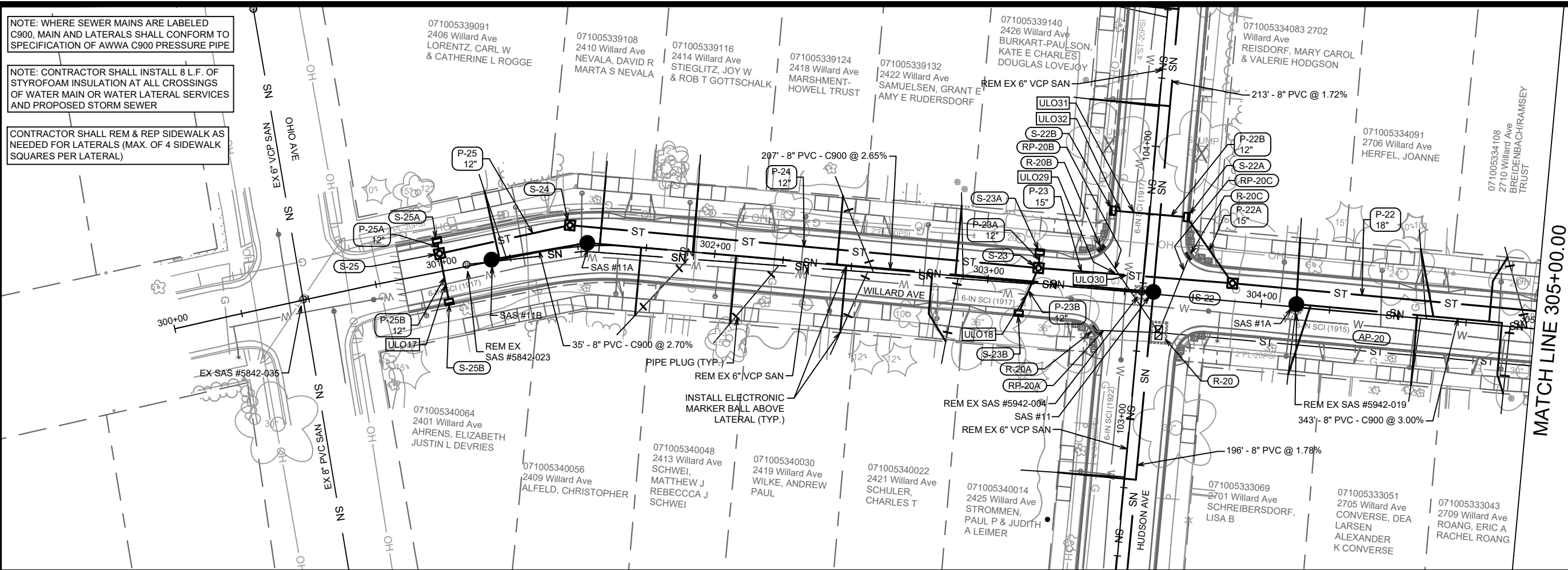
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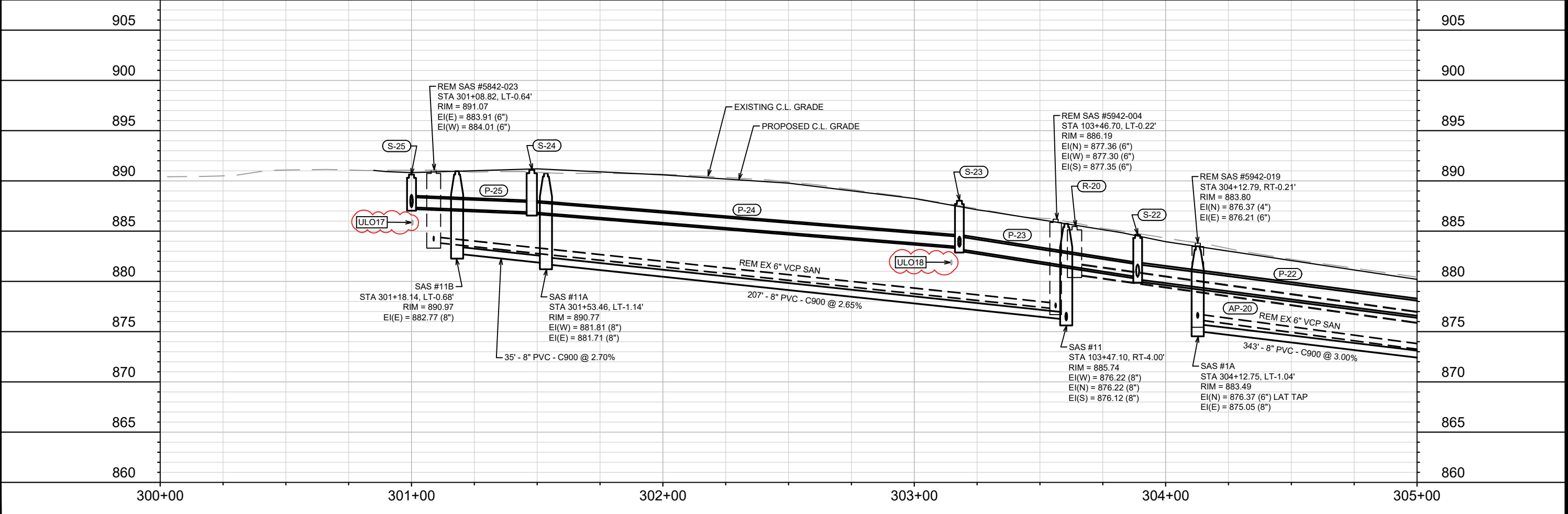
NOTE: WHERE SEWER MAINS ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATION OF AWWA C900 PRESSURE PIPE

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)



MATCH LINE 305+00.00



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| DATE     | BY               |
| 4/4/24   | KDF              |
| REVISION | SCALE: #/###/### |
| U-6      | 14075            |

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



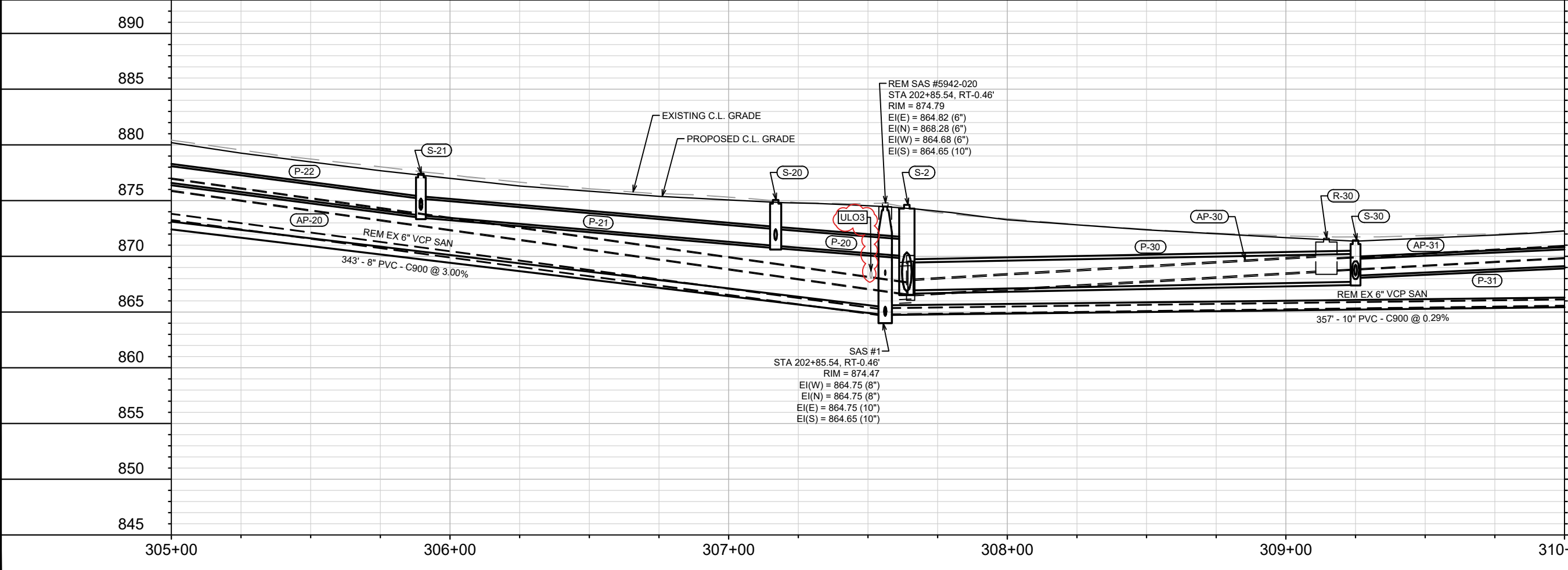
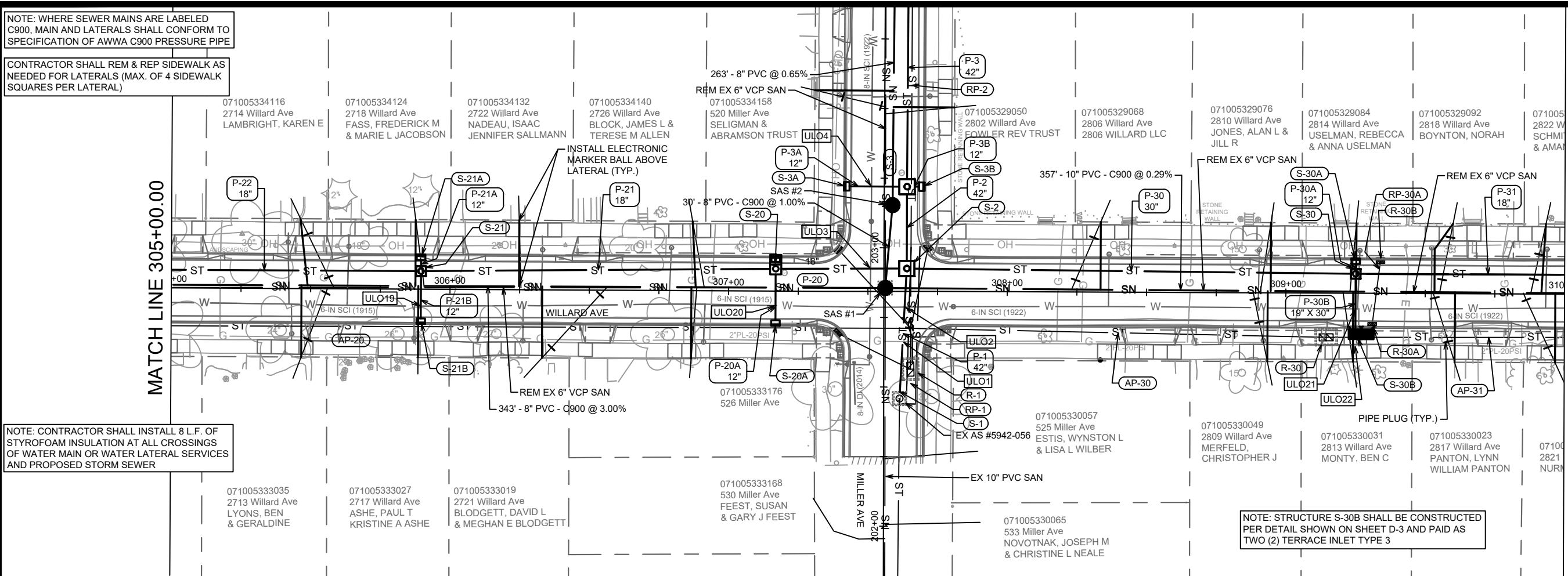
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NOTE: WHERE SEWER MAINS ARE LABELED C900, MAIN AND LATERALS SHALL CONFORM TO SPECIFICATION OF AWWA C900 PRESSURE PIPE

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



| MARK | REVISION               | DATE   | BY  |
|------|------------------------|--------|-----|
| 1    | ULO INFO & STORM SEWER | 9/6/23 | KDF |

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| 14075 | 14075 | 8659 | U-7 |
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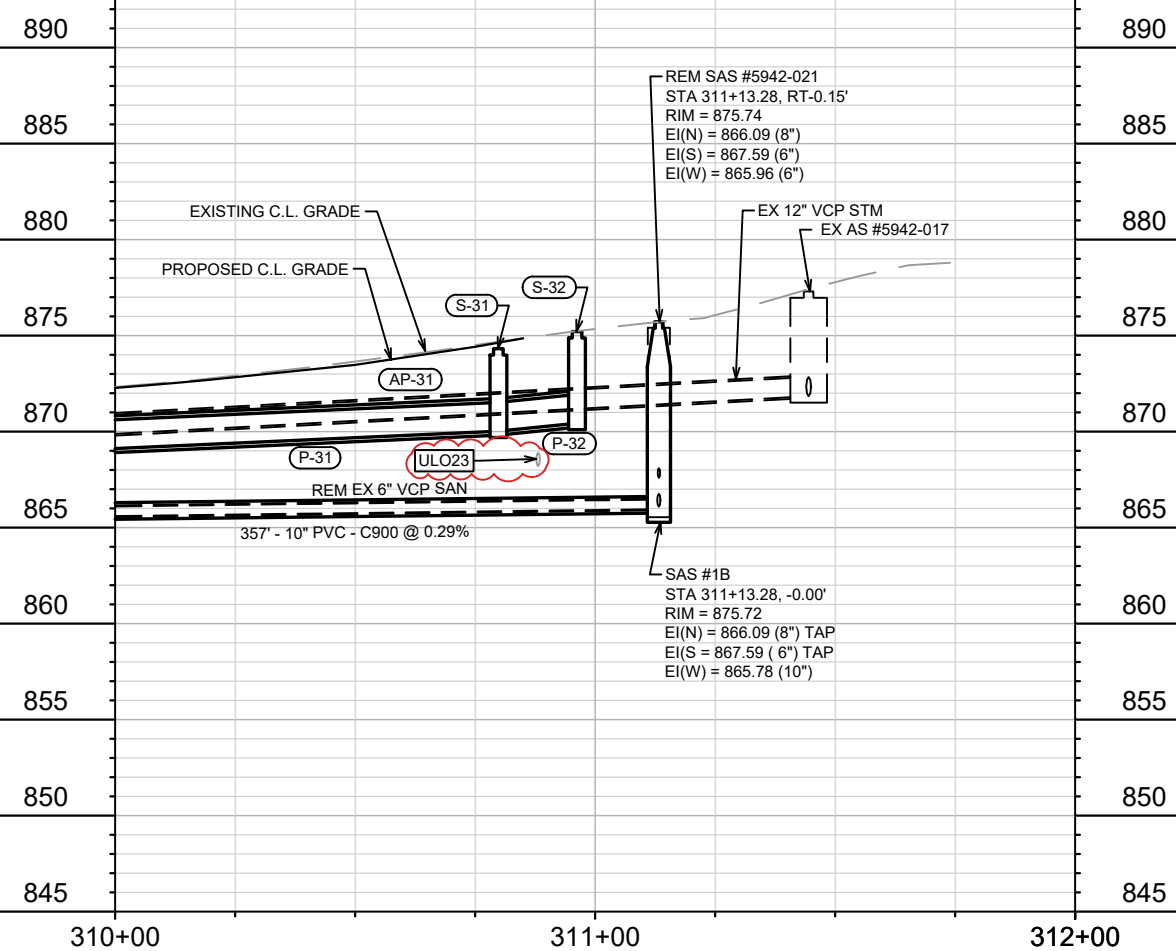
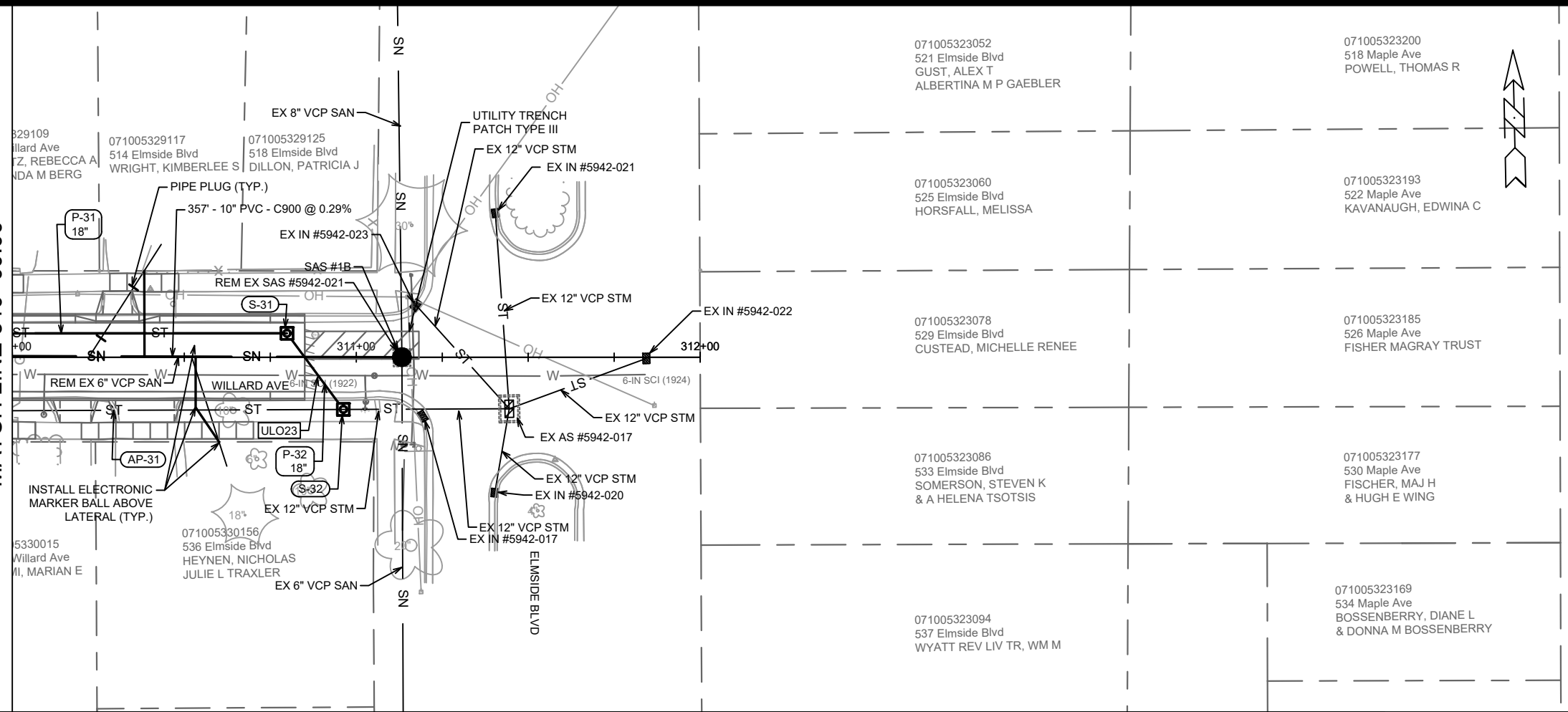
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 CONTRACT NO: 8659  
 U-7



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

| MARK | REVISION               | DATE   | BY  |
|------|------------------------|--------|-----|
| 1    | ULO INFO & STORM SEWER | 9/6/23 | KDF |

Scale: #####  
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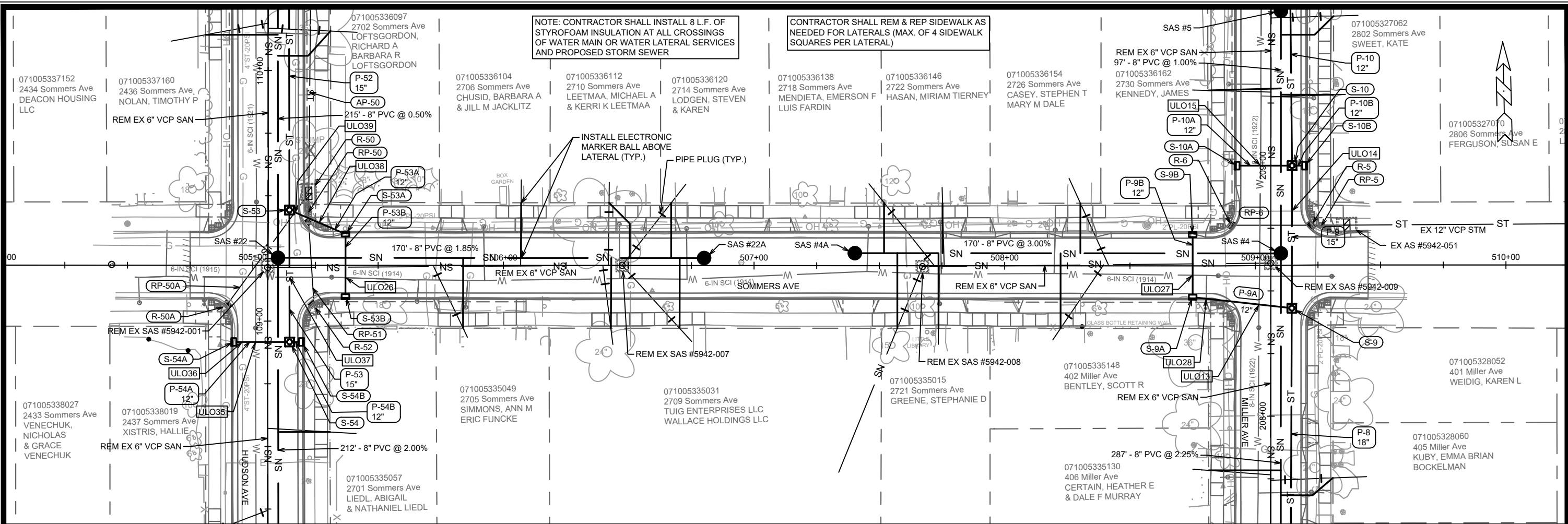
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 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
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U-8





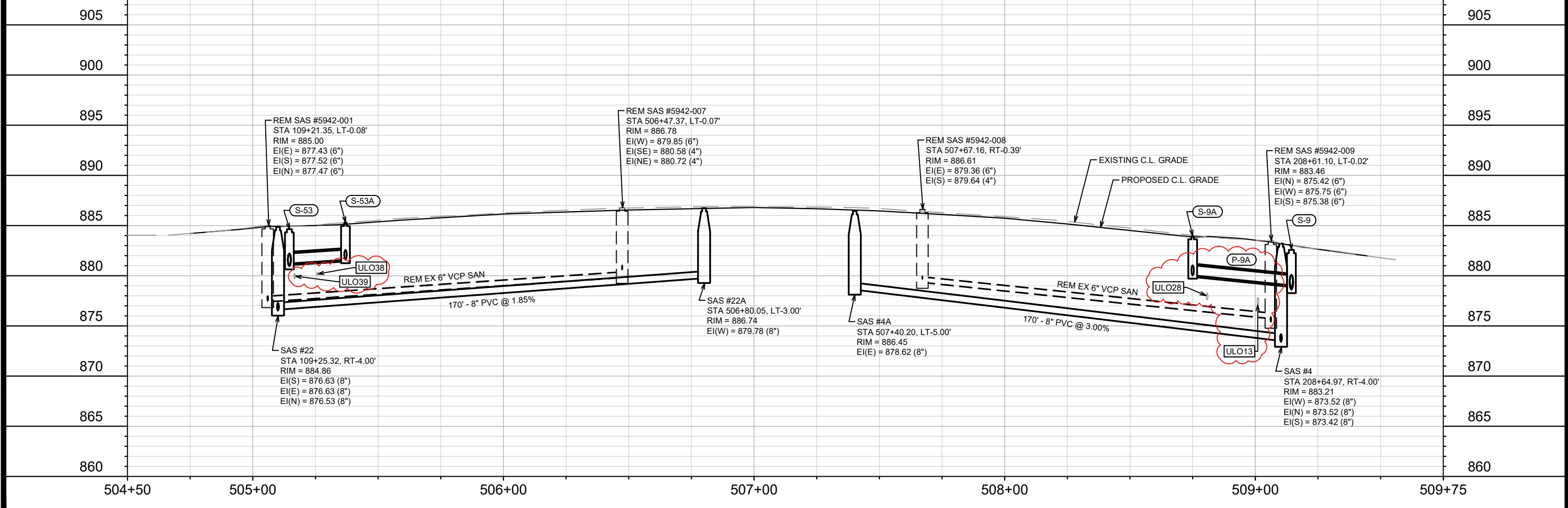


NOTE: CONTRACTOR SHALL INSTALL 8 L.F. OF STYROFOAM INSULATION AT ALL CROSSINGS OF WATER MAIN OR WATER LATERAL SERVICES AND PROPOSED STORM SEWER

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.)



REM SAS #5942-001  
STA 109+21.35, LT-0.08'  
RIM = 885.00  
EI(E) = 877.43 (6")  
EI(S) = 877.52 (6")  
EI(N) = 877.47 (6")

REM SAS #5942-007  
STA 506+47.37, LT-0.07'  
RIM = 886.78  
EI(W) = 879.85 (6")  
EI(SE) = 880.58 (4")  
EI(NE) = 880.72 (4")

REM SAS #5942-008  
STA 507+67.16, RT-0.39'  
RIM = 886.61  
EI(E) = 879.36 (6")  
EI(S) = 879.64 (4")

REM SAS #5942-009  
STA 208+61.10, LT-0.02'  
RIM = 883.46  
EI(N) = 875.42 (6")  
EI(W) = 875.75 (6")  
EI(S) = 875.38 (6")

SAS #22  
STA 109+25.32, RT-4.00'  
RIM = 884.86  
EI(S) = 876.63 (8")  
EI(E) = 876.63 (8")  
EI(N) = 876.53 (8")

SAS #22A  
STA 506+80.05, LT-3.00'  
RIM = 886.74  
EI(W) = 879.78 (8")

SAS #4A  
STA 507+40.20, LT-5.00'  
RIM = 886.45  
EI(E) = 878.62 (8")

SAS #4  
STA 208+64.97, RT-4.00'  
RIM = 883.21  
EI(W) = 873.52 (8")  
EI(N) = 873.52 (8")  
EI(S) = 873.42 (8")

|          |          |          |          |
|----------|----------|----------|----------|
| U-10     | U-10     | U-10     | U-10     |
| DATE     | DATE     | DATE     | DATE     |
| BY       | BY       | BY       | BY       |
| REVISION | REVISION | REVISION | REVISION |
| U-10     | U-10     | U-10     | U-10     |

Scale: 1" = 40'

14075

14075

8659

CONTRACT NO:

14075

SEWER PLAN AND PROFILE - SOMMERS AVE

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

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CITY OF MADISON WISCONSIN

14075

U-10

# SANITARY SEWER SCHEDULE

## PROPOSED SANITARY STRUCTURES

| SAS NO.            | STATION   | LOCATION (OFFSET) | TOP OF CASTING | E.I.   | DEPTH | NOTES |
|--------------------|-----------|-------------------|----------------|--------|-------|-------|
| <b>MILLER AVE</b>  |           |                   |                |        |       |       |
| 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  | -     |
| <b>WILLARD AVE</b> |           |                   |                |        |       |       |
| 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  | -     |
| <b>CENTER AVE</b>  |           |                   |                |        |       |       |
| SAS #3A            | 405+31.15 | LT-3.57           | 887.84         | 877.60 | 10.24 | -     |
| <b>SOMMERS AVE</b> |           |                   |                |        |       |       |
| 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  | -     |
| <b>HUDSON AVE</b>  |           |                   |                |        |       |       |
| 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 |
|--------------------|------------|--------------|-------------|----------------------|-----------|-----------|----------|-------|
| <b>MILLER AVE</b>  |            |              |             |                      |           |           |          |       |
| 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   | -     |
| <b>WILLARD AVE</b> |            |              |             |                      |           |           |          |       |
| 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     | -     |
| <b>CENTER AVE</b>  |            |              |             |                      |           |           |          |       |
| SAS #3             | SAS #3A    | 866.96       | 877.60      | 304                  | 3.50%     | 8"        | SDR-35   | -     |
| <b>SOMMERS AVE</b> |            |              |             |                      |           |           |          |       |
| 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   | -     |
| <b>HUDSON AVE</b>  |            |              |             |                      |           |           |          |       |
| 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 |
|--------------------|-----------|-------------------|----------------|--------|-------|-------|
| <b>MILLER AVE</b>  |           |                   |                |        |       |       |
| 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  | -     |
| <b>WILLARD AVE</b> |           |                   |                |        |       |       |
| 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  | -     |
| <b>CENTER AVE</b>  |           |                   |                |        |       |       |
| SAS #5942-018      | 405+34.82 | RT-0.16           | 887.82         | 878.94 | 8.88  | -     |
| <b>SOMMERS AVE</b> |           |                   |                |        |       |       |
| 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  | -     |
| <b>HUDSON AVE</b>  |           |                   |                |        |       |       |
| 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               |
|--------------------|---------------|-----------|-----------|-----------|------------|---------------------|
| <b>MILLER AVE</b>  |               |           |           |           |            |                     |
| 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 |
| <b>WILLARD AVE</b> |               |           |           |           |            |                     |
| 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          | -                   |
| <b>CENTER AVE</b>  |               |           |           |           |            |                     |
| SAS #5942-017      | SAS #5942-018 | 296       | 6"        | VCP       | Y          | -                   |
| <b>SOMMERS AVE</b> |               |           |           |           |            |                     |
| SAS #5942-001      | SAS #5942-007 | 142       | 6"        | VCP       | Y          | -                   |
| SAS #5942-009      | SAS #5942-008 | 139       | 6"        | VCP       | Y          | -                   |
| <b>HUDSON AVE</b>  |               |           |           |           |            |                     |
| 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

+REVISED 4/4/2024 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                    |
|-------------------|-----------|-------------------|----------------|----------------|---------------|-------------|--------------------------|
| <b>MILLER AVE</b> |           |                   |                |                |               |             |                          |
| 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         | <b>874.11</b> | <b>3.58</b> | 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         | <b>874.36</b> | <b>3.62</b> | 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         | <b>874.41</b> | <b>3.83</b> | W/R-1550-0054            |
| ** S-7A           | 206+09.42 | LT-11.49          | H INLET        | 879.21         | <b>875.10</b> | <b>4.11</b> | W/R-3067-7004-V          |
| ** S-7B           | 206+09.42 | RT-13.29          | H INLET        | 878.48         | <b>874.94</b> | <b>3.54</b> | 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         | <b>880.99</b> | <b>3.25</b> | 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           | <b>H INLET</b> | 883.04         | <b>877.14</b> | <b>5.90</b> | <b>FP, W/R-1550-0054</b> |
| ** S-12A          | 211+12.25 | RT-13.50          | H INLET        | 883.49         | <b>879.75</b> | <b>3.74</b> | LP, W/R-3067-7004-VB     |
| ** S-12B          | 211+12.25 | LT-11.50          | H INLET        | 884.06         | <b>880.00</b> | <b>4.06</b> | 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 |
|-------------------|--------------|------------|---------------|---------------|----------------------|----------------|--------------|-----------|------|-------|
| <b>MILLER AVE</b> |              |            |               |               |                      |                |              |           |      |       |
| 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       | <b>874.00</b> | <b>874.11</b> | 22                   | 18.4           | <b>0.60%</b> | 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       | <b>874.25</b> | <b>874.36</b> | 22                   | 18.5           | <b>0.59%</b> | 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        | <b>873.50</b> | <b>874.41</b> | 45.5                 | 41.6           | <b>2.19%</b> | 18"       | RCP  | -     |
| ** P-7            | S-7          | S-8        | <b>874.41</b> | 876.13        | 122.5                | 119.5          | <b>1.44%</b> | 18"       | RCP  | -     |
| ** P-7A           | S-7          | S-7A       | <b>874.91</b> | <b>875.10</b> | 19.5                 | 17.1           | <b>1.11%</b> | 12"       | RCP  | -     |
| ** P-7B           | S-7          | S-7B       | <b>874.91</b> | <b>874.94</b> | 5.5                  | 2.8            | <b>1.08%</b> | 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        | <b>880.99</b> | 22                   | 19.5           | <b>6.78%</b> | 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      | <b>879.02</b> | <b>879.75</b> | 24.5                 | 21.5           | <b>3.39%</b> | 12"       | RCP  | -     |
| ** P-12B          | S-12A        | S-12B      | <b>879.75</b> | <b>880.00</b> | 25                   | 23.1           | <b>1.08%</b> | 12"       | RCP  | -     |

## WILLARD AVE

## WILLARD AVE

|          |           |          |         |        |               |             |                      |
|----------|-----------|----------|---------|--------|---------------|-------------|----------------------|
| ** S-20  | 307+16.87 | LT-8.00  | 3X6 SAS | 875.06 | <b>870.94</b> | <b>4.12</b> | [1]                  |
| ** S-20A | 307+16.87 | RT-11.50 | H INLET | 874.34 | <b>871.54</b> | <b>2.80</b> | W/R-3067-7004-V      |
| * S-21   | 305+89.57 | LT-6.50  | 3X3 SAS | 877.41 | <b>873.67</b> | <b>3.74</b> | W/R-1550-0054        |
| * S-21A  | 305+89.57 | LT-11.50 | H INLET | 877.86 | <b>874.20</b> | <b>3.66</b> | W/R-3067-7004-V      |
| * S-21B  | 305+89.57 | RT-11.50 | H INLET | 877.16 | <b>874.26</b> | <b>2.90</b> | W/R-3067-7004-V      |
| * S-22   | 303+88.87 | LT-6.50  | 3X3 SAS | 884.65 | <b>880.19</b> | <b>4.46</b> | W/R-1550-0054        |
| * S-23   | 303+17.96 | LT-5.64  | 3X3 SAS | 888.02 | <b>883.20</b> | <b>4.82</b> | W/R-1550-0054        |
| * S-23A  | 303+17.94 | LT-11.50 | H INLET | 888.02 | <b>883.53</b> | <b>4.49</b> | W/R-3067-7004-V      |
| + S-23B  | 303+12.25 | RT-11.50 | H INLET | 887.87 | <b>884.08</b> | <b>3.79</b> | W/R-3067-7004-V      |
| * S-24   | 301+47.85 | LT-8.08  | 3X3 SAS | 891.09 | <b>886.88</b> | <b>4.21</b> | W/R-1550-0054        |
| * S-25   | 301+00.00 | LT-6.50  | 3X3 SAS | 890.63 | <b>887.37</b> | <b>3.26</b> | W/R-1550-0054        |
| * S-25A  | 301+00.00 | LT-11.50 | H INLET | 890.9  | <b>887.39</b> | <b>3.51</b> | LP, W/R-3067-7004-VB |
| + S-25B  | 301+00.00 | RT-11.49 | H INLET | 890.65 | <b>887.75</b> | <b>2.90</b> | LP, W/R-3067-7004-VB |

|          |      |       |               |               |       |       |              |     |     |   |
|----------|------|-------|---------------|---------------|-------|-------|--------------|-----|-----|---|
| ** P-20  | S-2  | S-20  | <b>870.00</b> | <b>870.94</b> | 47    | 43.1  | <b>2.18%</b> | 18" | RCP | - |
| ** P-20A | S-20 | S-20A | <b>871.44</b> | <b>871.54</b> | 19.5  | 17.0  | <b>0.59%</b> | 12" | RCP | - |
| ** P-21  | S-20 | S-21  | <b>870.94</b> | 873.67        | 127.5 | 124.4 | <b>2.20%</b> | 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        | <b>884.08</b> | 18    | 15.4  | 4.08%        | 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 | <b>887.62</b> | <b>887.75</b> | 18    | 15.5  | 0.84%        | 12" | RCP | - |

### STANDARD NOTES:

### 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.

- 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.

### 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

# STORM SEWER SCHEDULE

\*REVISED 9/6/2023 KDF

\*\*REVISED 4/4/2024 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                  |
|--------------------|-----------|-------------------|-------------------|----------------|---------------|-------------|------------------------|
| <b>WILLARD AVE</b> |           |                   |                   |                |               |             |                        |
| 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          |
| <b>CENTER AVE</b>  |           |                   |                   |                |               |             |                        |
| 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        |
| <b>SOMMERS AVE</b> |           |                   |                   |                |               |             |                        |
| 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   |
| <b>HUDSON AVE</b>  |           |                   |                   |                |               |             |                        |
| 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+81.33 | RT-13.50          | H INLET           | 883.92         | <b>880.22</b> | <b>3.70</b> | W/R-3067-7004-V        |
| 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           | <b>885.69</b>  | <b>881.65</b> | <b>4.04</b> | <b>W/R-3067-7004-V</b> |

## 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 |
|--------------------|--------------|------------|---------------|---------------|----------------------|----------------|--------------|-----------|-------|-------|
| <b>WILLARD AVE</b> |              |            |               |               |                      |                |              |           |       |       |
| 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   | -     |
| <b>CENTER AVE</b>  |              |            |               |               |                      |                |              |           |       |       |
| 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   | -     |
| <b>SOMMERS AVE</b> |              |            |               |               |                      |                |              |           |       |       |
| * P-9A             | S-9          | S-9A       | <b>879.05</b> | 880.04        | 40                   | 36.8           | <b>2.69%</b> | 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   | -     |
| <b>HUDSON AVE</b>  |              |            |               |               |                      |                |              |           |       |       |
| 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-53       | 879.94        | 880.97        | 137                  | 134.0          | 0.77%        | 15"       | RCP   | -     |
| P-52A              | S-52         | S-52A      | 879.69        | 879.80        | 22                   | 19.4           | 0.57%        | 12"       | RCP   | -     |
| ** P-52B           | S-52         | S-52B      | <b>880.19</b> | <b>880.22</b> | 5                    | 2.6            | <b>1.15%</b> | 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 |
|--------------------|-------------------|-----------|-------------------|-------|-------|
| <b>MILLER AVE</b>  |                   |           |                   |       |       |
| 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   |
| <b>WILLARD AVE</b> |                   |           |                   |       |       |
| 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   |
| <b>CENTER AVE</b>  |                   |           |                   |       |       |
| 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   |
| <b>HUDSON AVE</b>  |                   |           |                   |       |       |
| 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 |
|--------------------|--------------|-----------|-----------|-----------|-----------|------------|-------|
| <b>MILLER AVE</b>  |              |           |           |           |           |            |       |
| 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          | -     |
| <b>WILLARD AVE</b> |              |           |           |           |           |            |       |
| RP-30A             | R-30A        | R-30B     | 23        | 12"       | VCP       | Y          | -     |
| <b>CENTER AVE</b>  |              |           |           |           |           |            |       |
| 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          | -     |
| <b>HUDSON AVE</b>  |              |           |           |           |           |            |       |
| 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              |
|--------------------|--------------|------------|-----------|-----------|------|------------|--------------------|
| <b>WILLARD AVE</b> |              |            |           |           |      |            |                    |
| 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)  |
| <b>HUDSON AVE</b>  |              |            |           |           |      |            |                    |
| AP-50              | S-50         | R-50       | 223       | 12"       | VCP  | Y          | W/PLUGS (2 PLUGS)  |

# STORM SEWER SCHEDULE

\*REVISED 9/6/2023 KDF

\*\*REVISED 4/4/2024 KDF

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

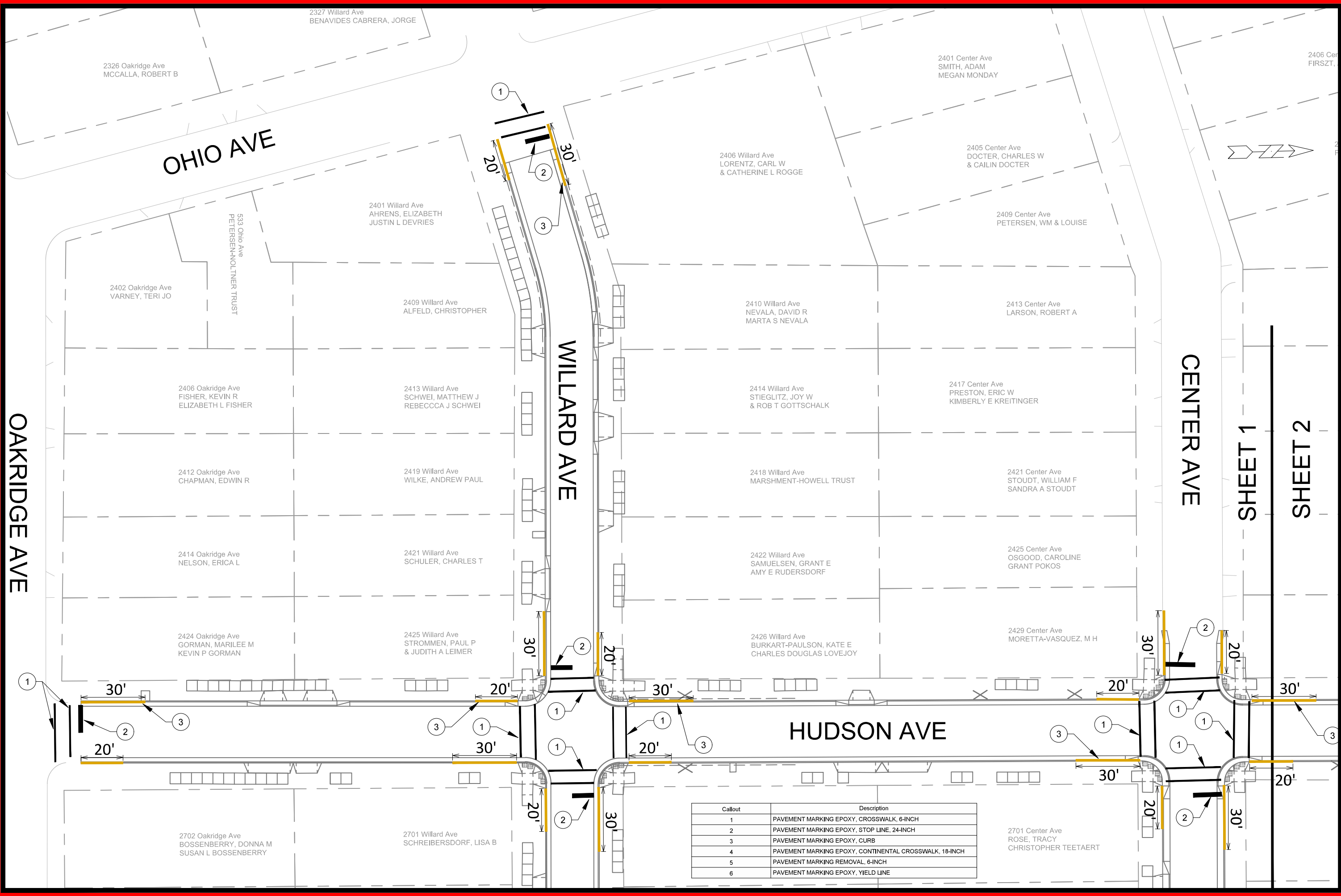
SHEET NO.  
U-16

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                                     |
|--------------------|-----------|-------------------|----------------|-----------|---|
| <b>MILLER AVE</b>  |           |                   |                |           |   |
| * 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  |
| <b>WILLARD AVE</b> |           |                   |                |           |   |
| ** ULO17           | 301+00.40 | RT-4.80           | 8" WATER       | 886.10    | SEPARATION CONFLCT, STORM REVISED         |
| ** ULO18           | 303+14.70 | RT-4.30           | 8" WATER       | 882.13    | SEPARATION CONFLCT, STORM REVISED         |
| * 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                    |
| <b>CENTER AVE</b>  |           |                   |                |           |   |
| ** ULO24           | 403+96.20 | RT-4.35           | 8" WATER       | 885.52    | OK  |
| * ULO25            | 407+88.40 | RT-4.60           | 8" WATER       | 873.14    | OK  |
| <b>SOMMERS AVE</b> |           |                   |                |           |   |
| ** ULO26           | 505+36.55 | RT-4.95           | 8" WATER       | 879.77    | OK  |
| * ULO27            | 508+74.10 | RT-4.20           | 8" WATER       | 878.64    | OK  |
| * ULO28            | 508+80.80 | RT-12.70          | 8" WATER       | 878.29    | OK  |
| <b>HUDSON AVE</b>  |           |                   |                |           |   |
| ** ULO29           | 103+55.15 | LT-10.35          | 6" GAS STEEL   | 880.30    | OK  |
| ** ULO30           | 103+52.25 | LT-5.10           | 8" WATER       | 880.91    | OK  |
| ** ULO30A          | 103+52.55 | LT-6.20           | 4" GAS STEEL   | 881.42    | OK  |
| ** ULO31           | 103+75.70 | LT-5.10           | 8" WATER       | 880.92    | OK  |
| ** ULO32           | 103+75.10 | LT-10.15          | 6" GAS STEEL   | 881.50    | OK  |
| ** ULO33           | 106+42.45 | LT-10.05          | 6" ST GAS      | 884.49    | OK  |
| ** ULO33A          | 106+43.60 | LT-11.25          | 4" ST GAS      | 887.94    | CONFLICT, ABANDONED GAS MAIN              |
| ** ULO34           | 106+43.30 | LT-4.85           | 6" WATER       | 884.88    | OK  |
| ** ULO35           | 108+91.90 | LT-4.75           | 6" WATER       | 879.65    | OK  |
| ** ULO36           | 108+91.80 | LT-9.60           | 6" GAS STEEL   | 881.33    | OK  |
| ** ULO37           | 109+17.70 | RT-8.60           | 6" WATER       | 879.46    | OK  |
| ** ULO37A          | 109+17.60 | RT-8.35           | 4" ST GAS      | 881.22    | CONFLICT, ABANDONED GAS MAIN              |
| ** ULO38           | 109+40.35 | RT-19.55          | 4" GAS PLASTIC | 880.35    | OK  |
| ** ULO39           | 109+43.35 | RT-10.50          | 6" GAS STEEL   | 880.23    | OK  |
| ** ULO40           | 110+81.30 | RT-10.90          | 6" GAS STEEL   | 879.61    | CONFLICT, STORM REVISED                   |
| ** ULO41           | 110+81.60 | LT-4.10           | 6" WATER       | 878.26    | OK  |
| ** ULO41A          | 110+80.90 | LT-9.90           | 6" GAS STEEL   | 879.41    | OK  |
| ** ULO42           | 111+63.00 | RT-10.85          | 6" GAS STEEL   | 879.89    | CONFLICT, STORM REVISED                   |
| ** ULO43           | 111+63.45 | LT-4.30           | 6" WATER       | 877.66    | OK  |



OAKRIDGE AVE

OHIO AVE

WILLARD AVE

CENTER AVE

HUDSON 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                     |

| MARK | REVISION | DATE | BY |
|------|----------|------|----|
|      |          |      |    |

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 Date: 6/27/2023 7:36 AM  
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 14075  
 M-1

14075  
 MADISON, WI  
 CONTRACT NO: ---

PAVEMENT MARKING PLAN  
**HUDSON AVE RECONSTRUCTION**  
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14075  
 M-1



CENTER AVE

SHEET 1

SHEET 2

CENTER AVE

SOMMERS AVE

ATWOOD AVE

HUDSON AVE

2420 Center Ave  
KOX, ANN  
BRIAN KOX

2425 Sommers Ave  
ZUENGLER TRUST, JANE E

2426 Sommers Ave  
MITCHELL, BRIAN L  
& NANCY J MITCHELL

2439 Atwood Ave  
GRINDSTONE MANAGEMENT LLC

2426 Center Ave  
EARLEY, MATTHEW C  
KIRSTEN EARLEY

2429 Sommers Ave  
BAUER, DEEDRIC

2432 Sommers Ave  
HRYCKOWIAN, ANDREW  
NICOLE DAVIS

2430 Center Ave  
WASSERMAN, BONNIE S  
% MADISON PROP MNMGT INC

2433 Sommers Ave  
VENECHUK, NICHOLAS  
& GRACE VENECHUK

2434 Sommers Ave  
DEACON HOUSING LLC

2453 Atwood Ave  
ATWOOD PROPERTIES LLC

416 Hudson Ave  
LAWLER LIVING TRUST

2437 Sommers Ave  
XISTRIS, HALLIE

2436 Sommers Ave  
NOLAN, TIMOTHY P

2702 Center Ave  
KUDRYCKI, HELEN N

2701 Sommers Ave  
LIEDL, ABIGAIL  
& NATHANIEL LIEDL

2702 Sommers Ave  
LOFTSGORDON, RICHARD A  
BARBARA R LOFTSGORDON

303 Hudson Ave  
WOLFGRAM, MATTHEW  
CASSIE LOMBARD WOLFGRAM

2706 Center Ave  
WASSERMAN, DAVID A  
KIMBERLY E WASSERMAN

2705 Sommers Ave  
SIMMONS, ANN M  
ERIC FUNCKE

2706 Sommers Ave  
CHUSID, BARBARA A  
& JILL M JACKLITZ

2701 Atwood Ave  
CHAKRA LLC  
% KRISHNA PRADHAN

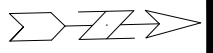
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RENEAU LIV TR, RF & CA  
% BIRWOOD PROPERTY MGMT

2710 Sommers Ave  
LEETMAA, MICHAEL A  
& KERRI K LEETMAA

2714 Sommers Ave  
LODGEN, STEVEN & KAREN

2713 Atwood Ave  
SABAI JAI LLC

| 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                     |



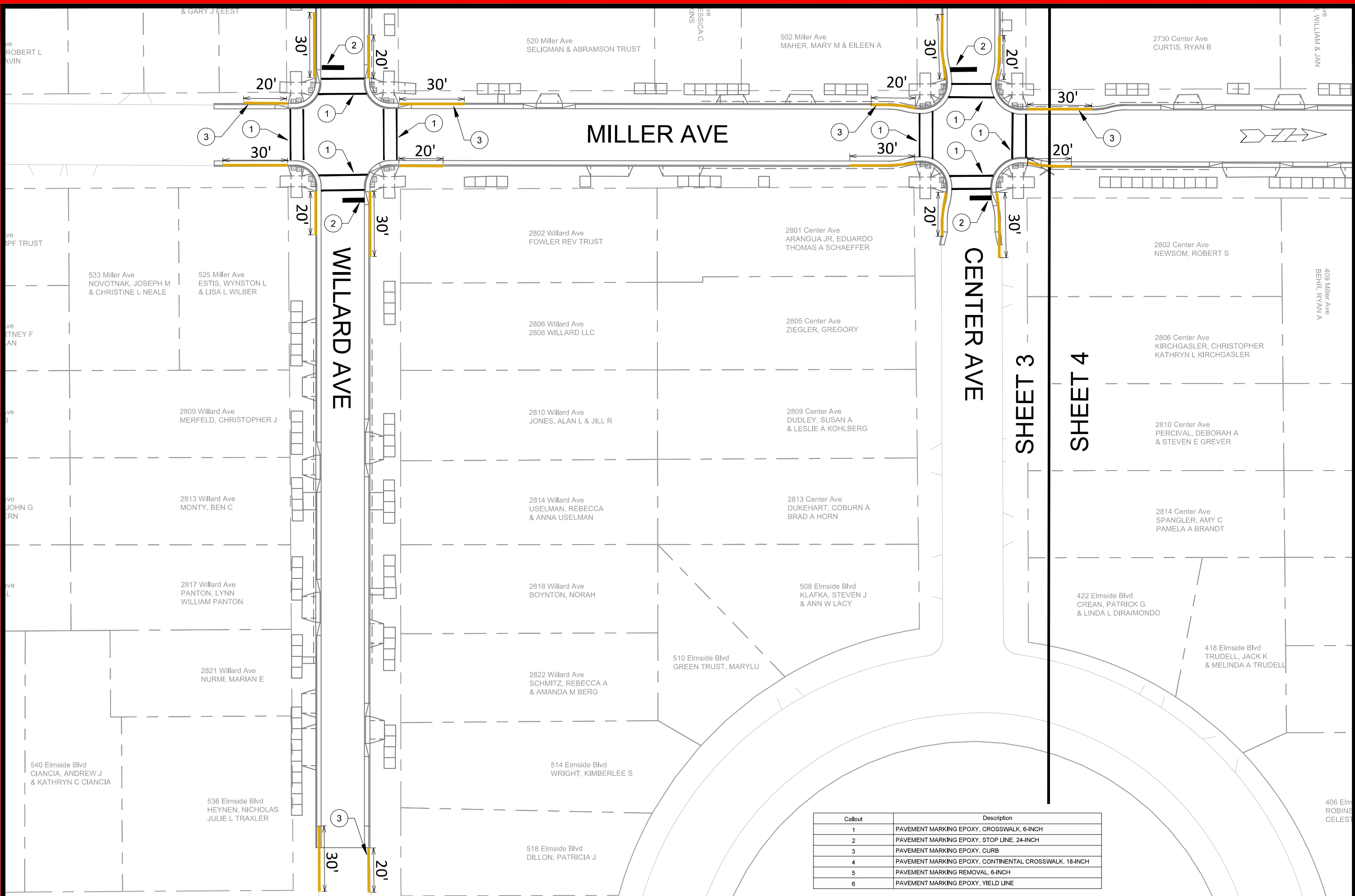
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14075  
MADISON, WI  
CONTRACT NO: ---

PAVEMENT MARKING PLAN  
**HUDSON AVE RECONSTRUCTION**  
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14075  
M-2




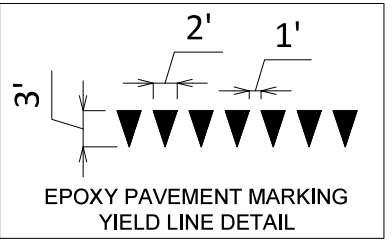
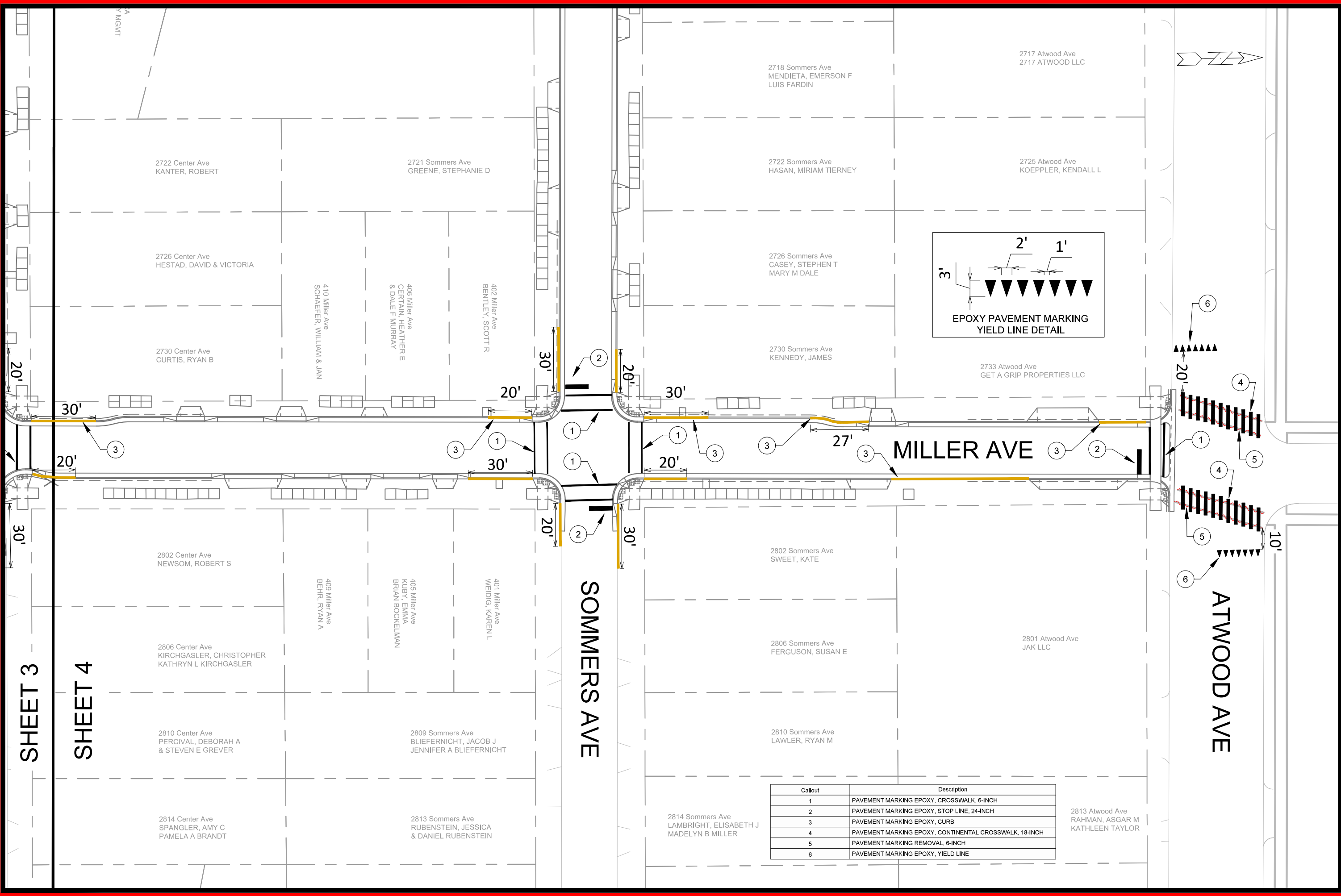
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| 2       | PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH             |
| 3       | PAVEMENT MARKING EPOXY, CURB                           |
| 4       | PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH |
| 5       | PAVEMENT MARKING REMOVAL, 6-INCH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

| MARK | REVISION | DATE | BY |
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 14075  
 M-3

**PAVEMENT MARKING PLAN**  
**HUDSON AVE RECONSTRUCTION**  
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 MADISON, WI  
 CONTRACT NO: ----  
 14075  
 M-3





| 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                     |

SHEET 3  
SHEET 4

| MARK | REVISION | DATE | BY |
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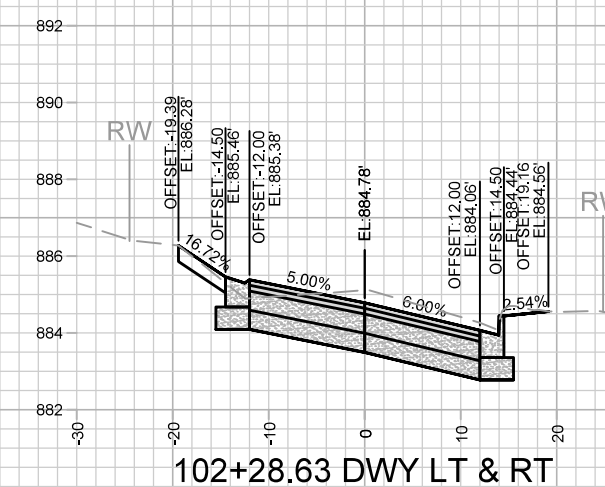
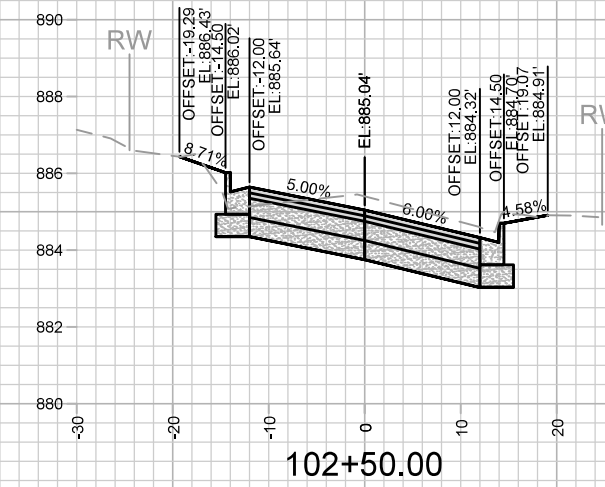
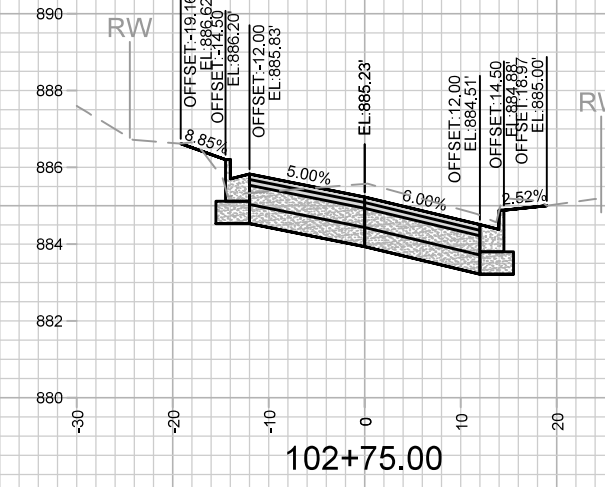
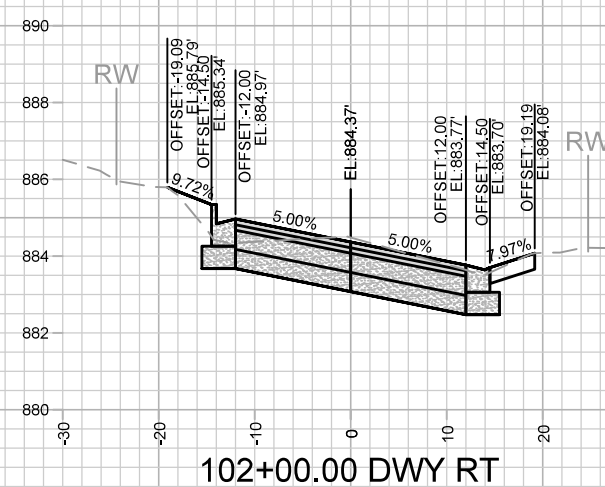
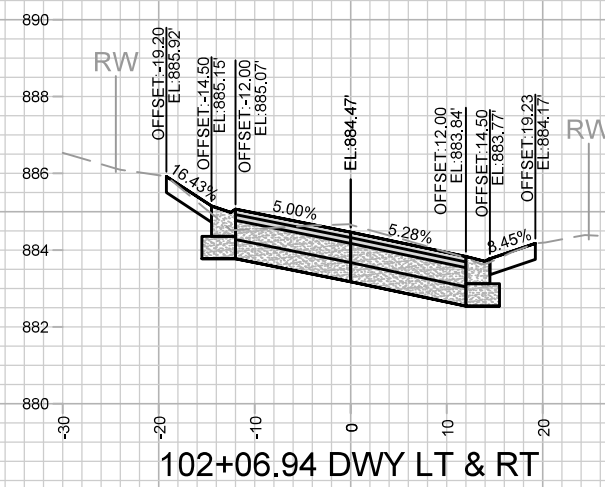
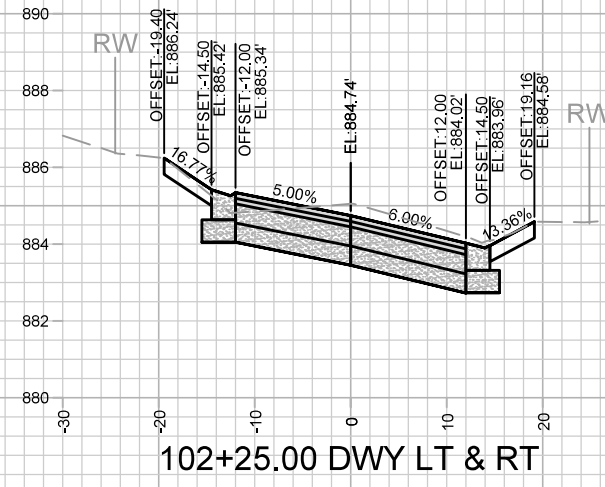
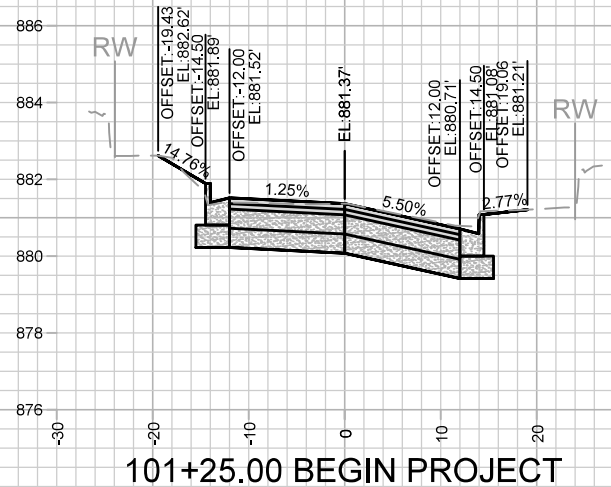
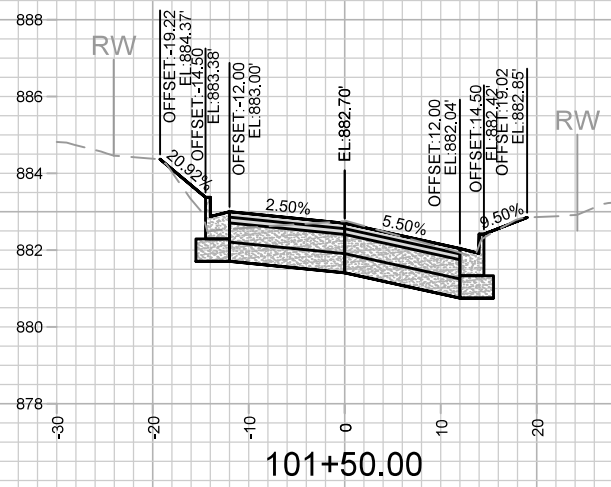
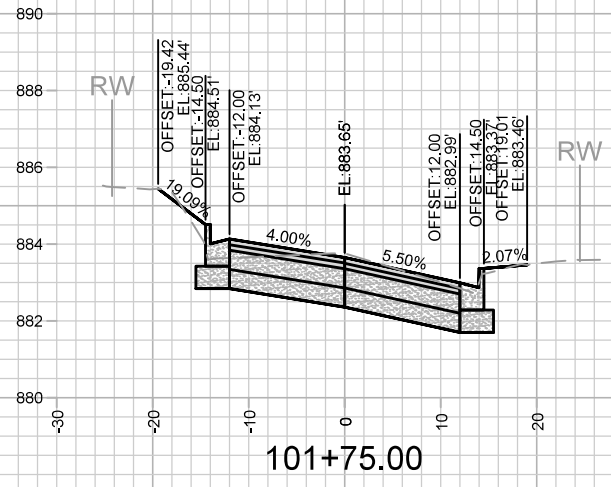
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MADISON, WI  
CONTRACT NO: ---

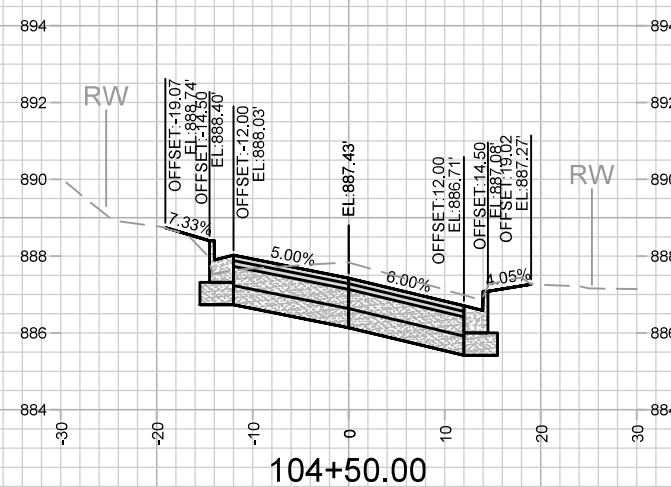
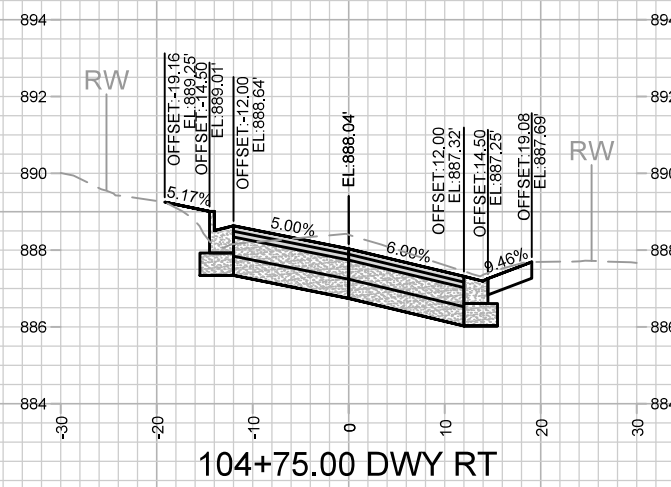
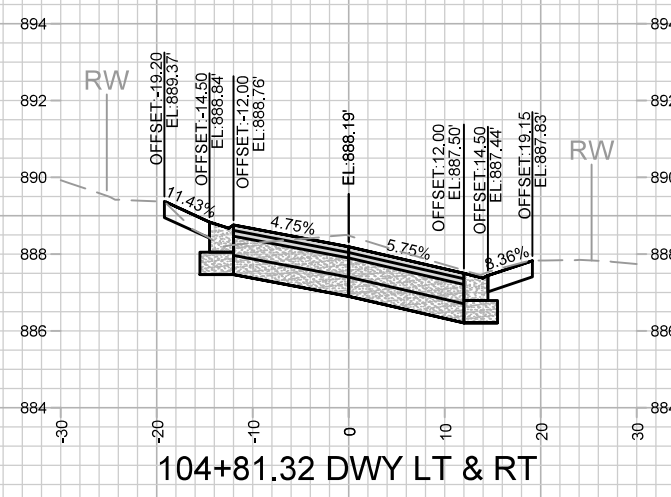
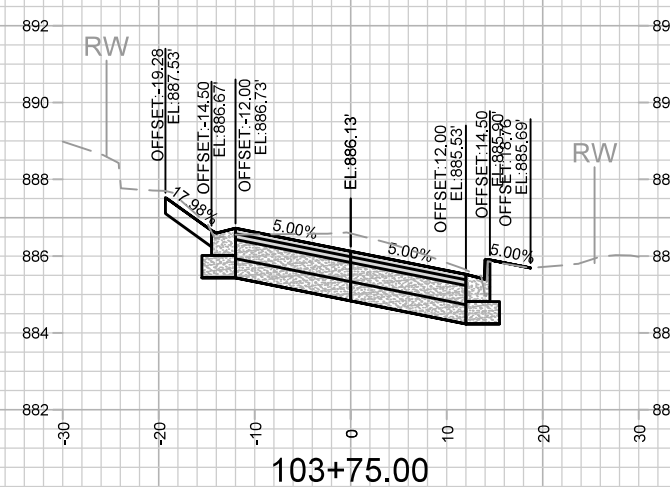
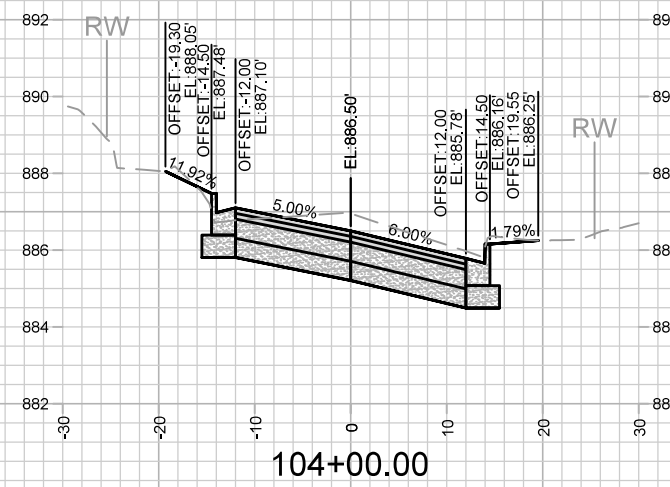
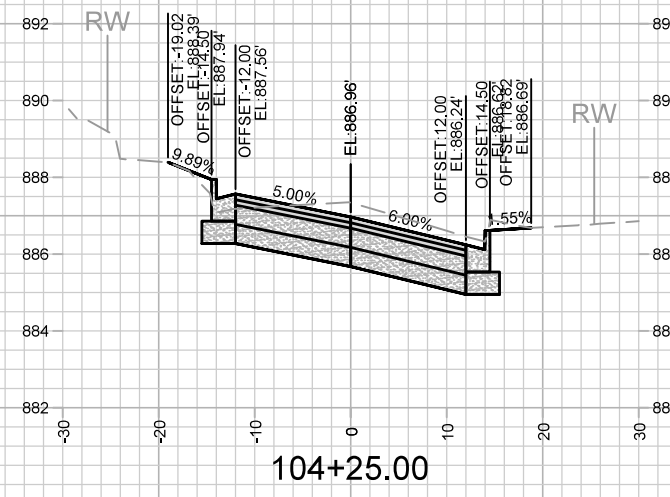
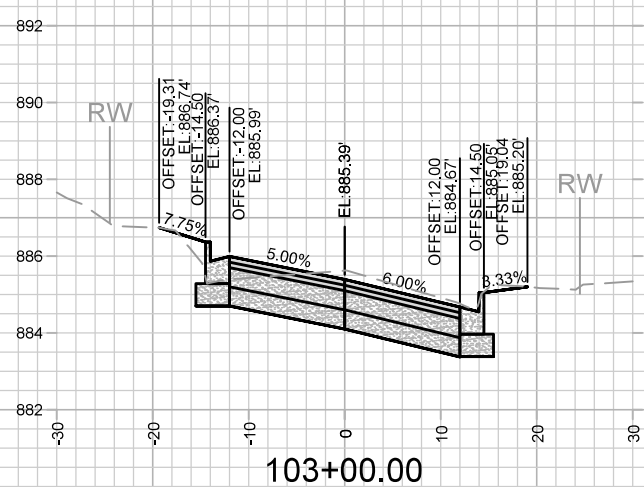
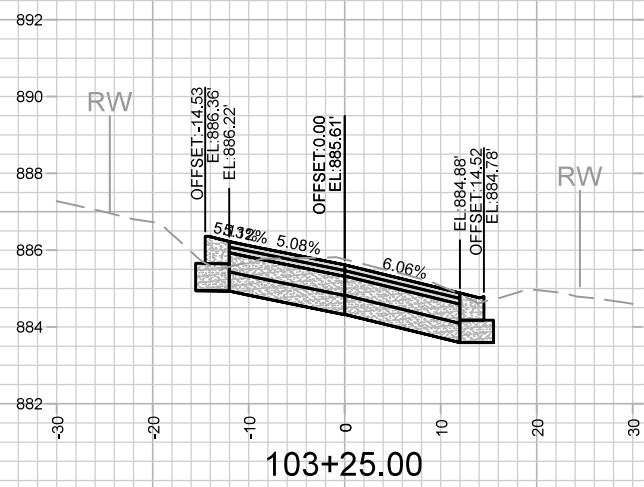
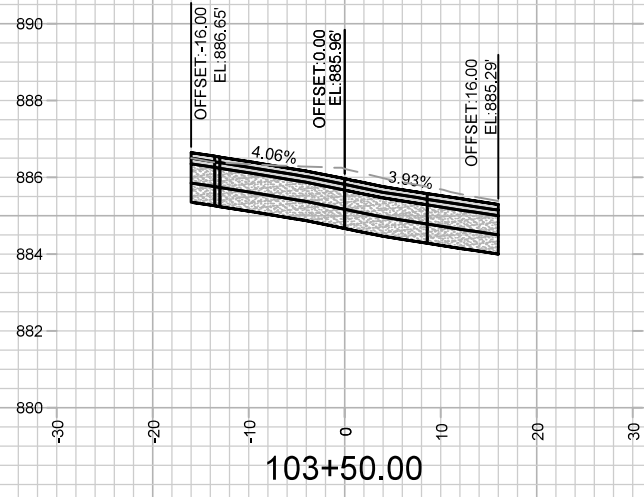
PAVEMENT MARKING PLAN  
HUDSON AVE RECONSTRUCTION  
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14075  
M-4



|   |  |   |            |
|---|--|---|------------|
|  | <b>HUDSON AVENUE CROSS SECTIONS</b><br><b>HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI</b> | <b>14075</b><br><b>8659</b>                                     | <b>X-1</b> |
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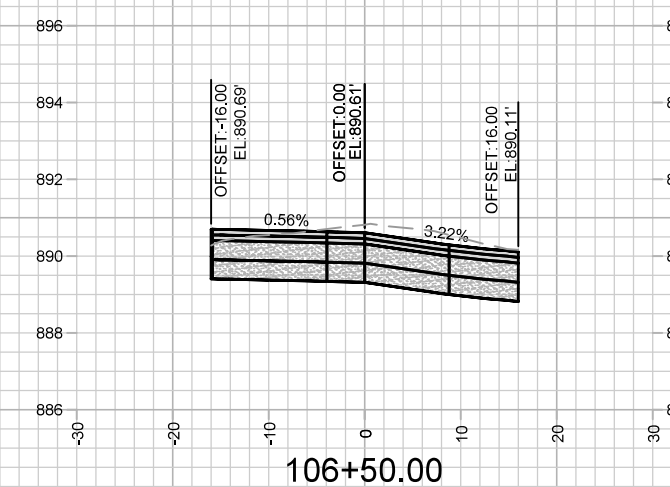
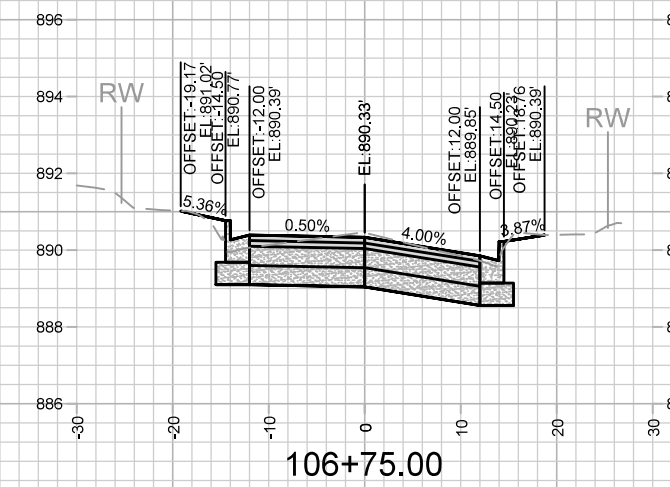
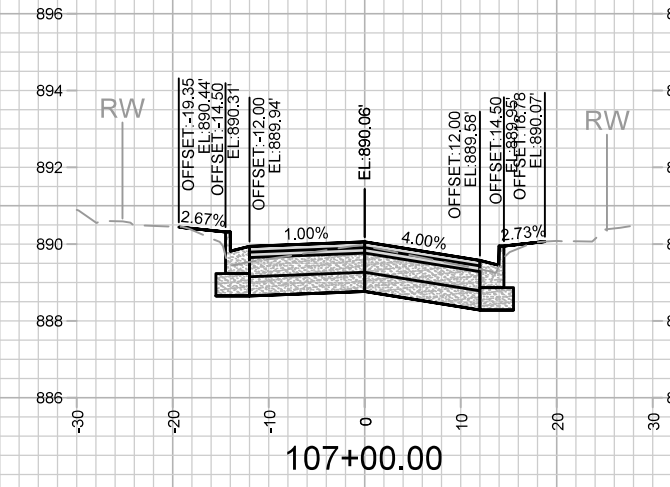
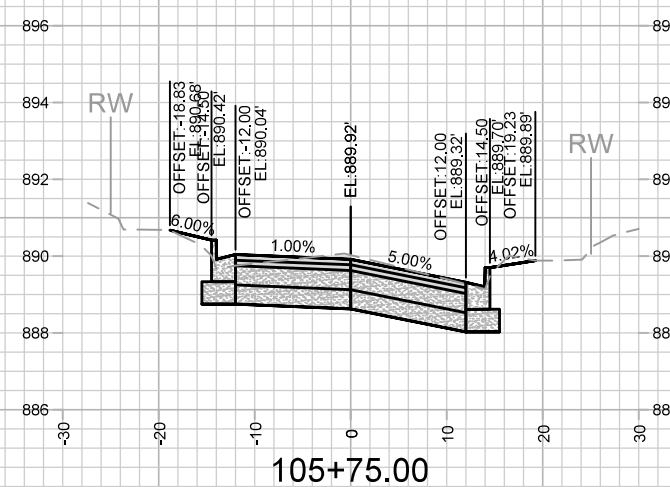
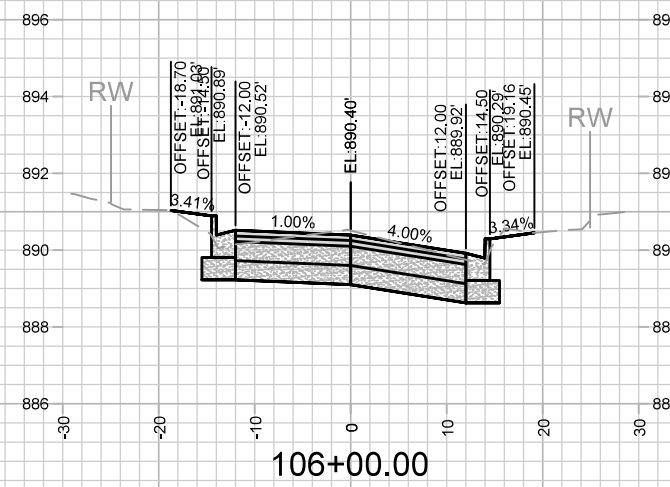
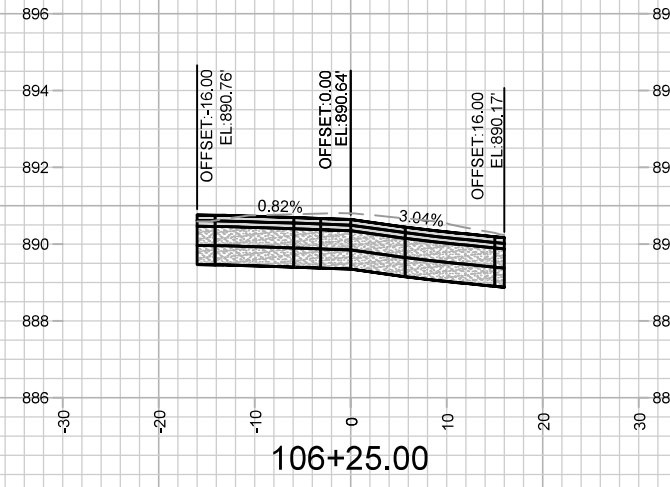
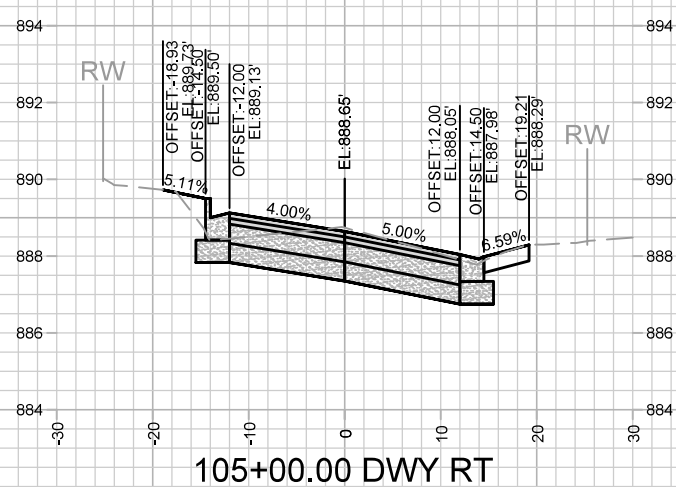
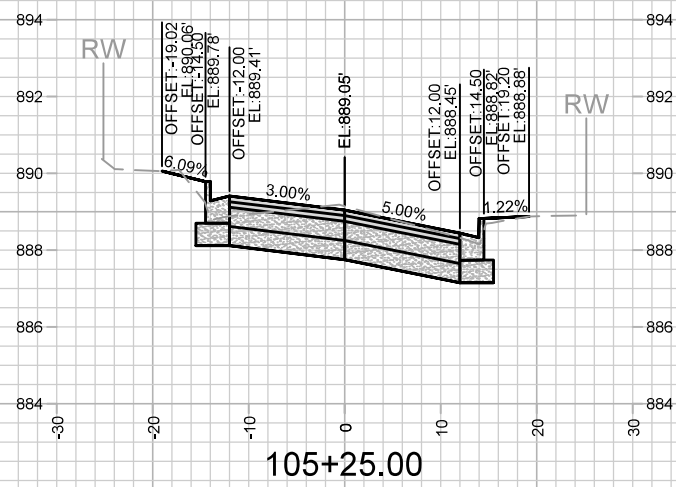
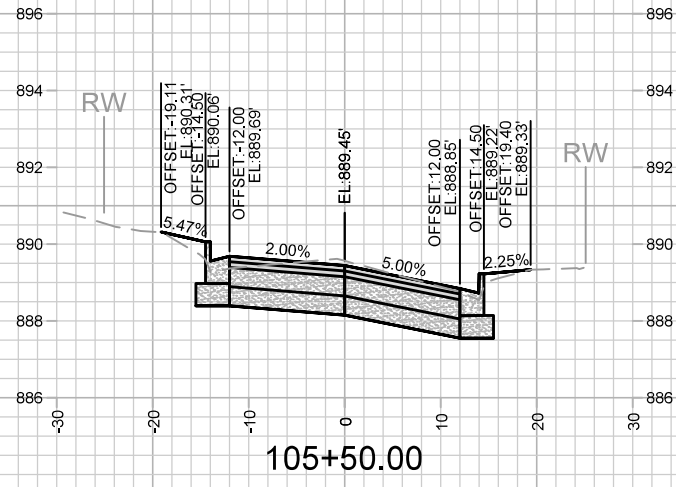
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Date: 6/27/2023 11:47 AM  
Scale: 1" = 20'

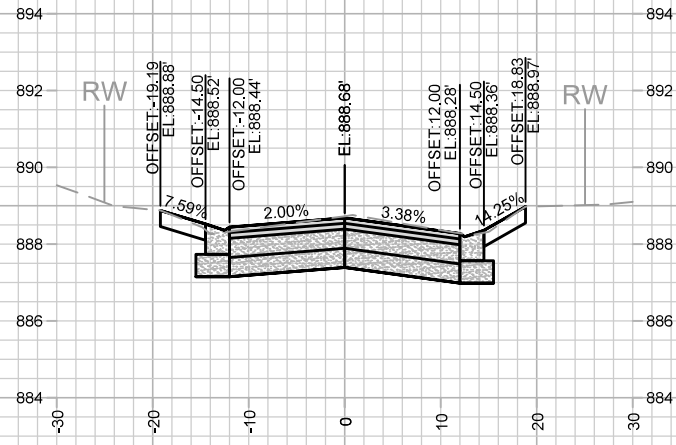
14075  
MADISON, WI  
8659  
CONTRACT NO:

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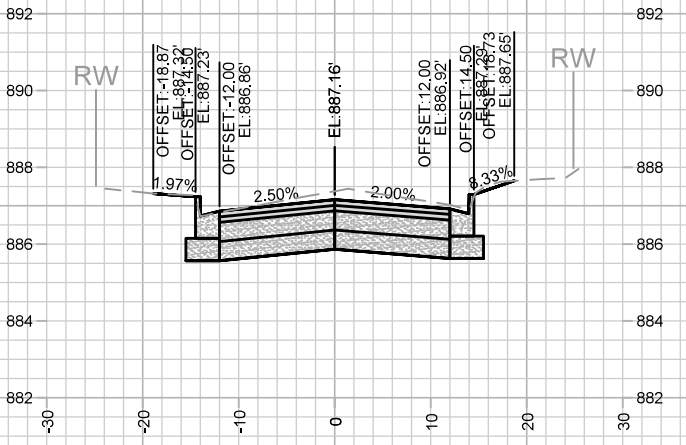




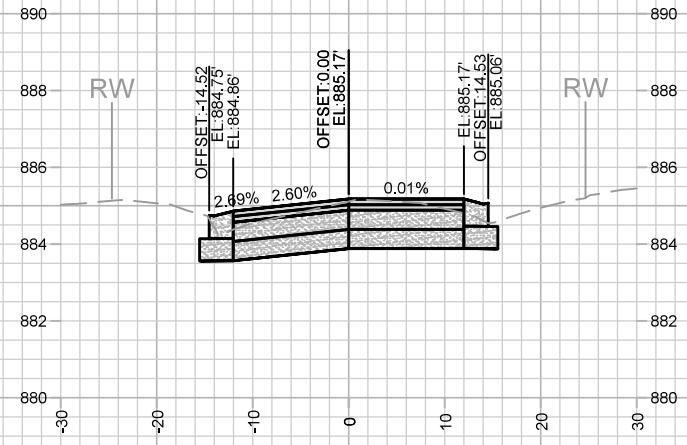
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| HUDSON AVENUE CROSS SECTIONS   |                          |                 |
| HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI |                          |                 |
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| CONTRACT NO:   | 8659                     | 14075           |
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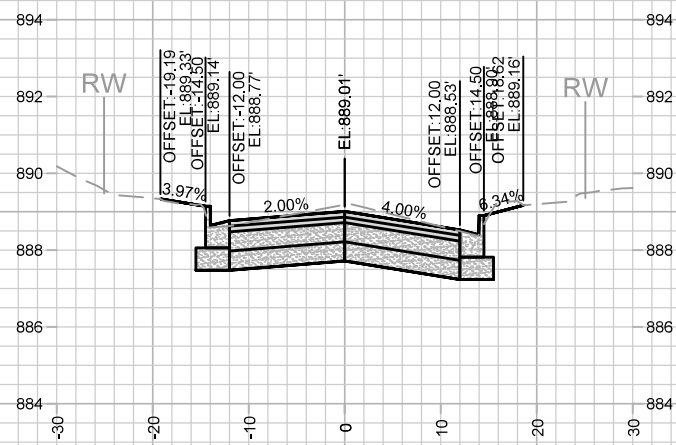
107+65.42 DWY LT & RT



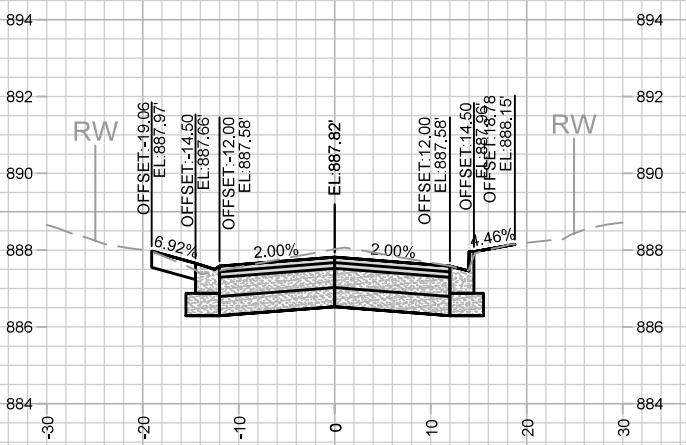
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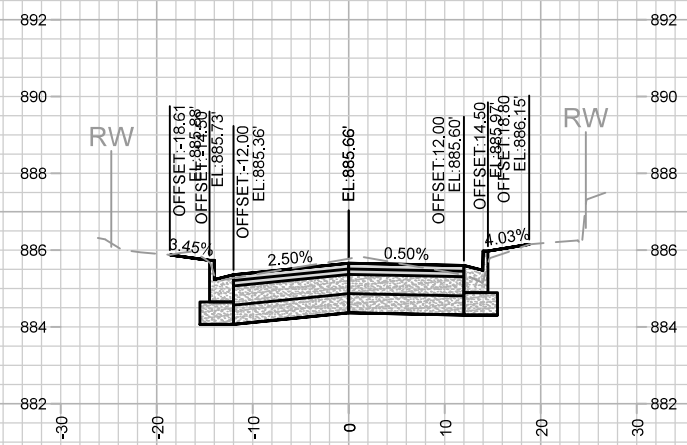
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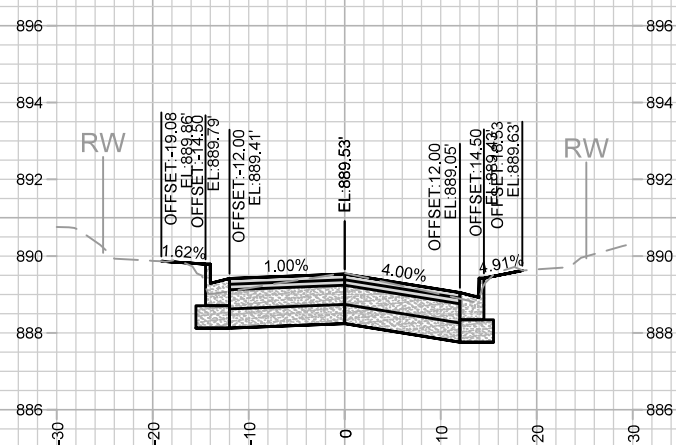
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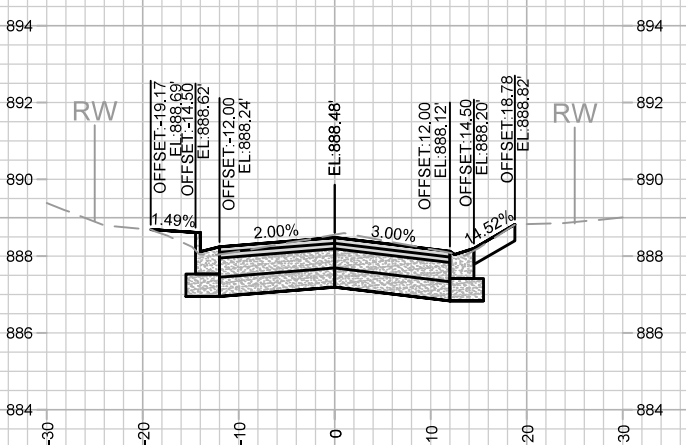
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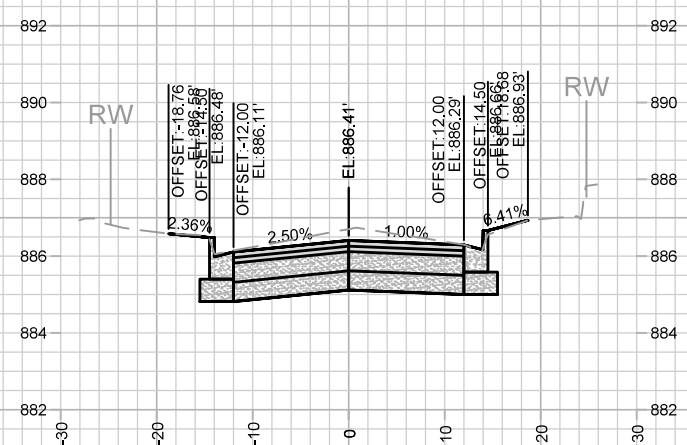
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107+25.00



107+75.00 DWY LT & RT



108+50.00

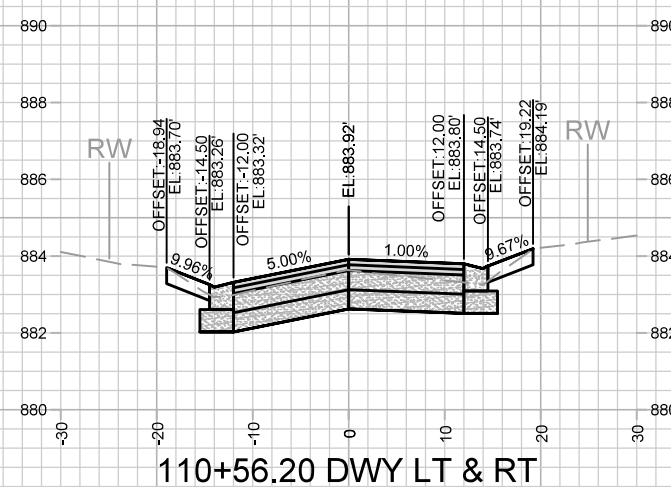
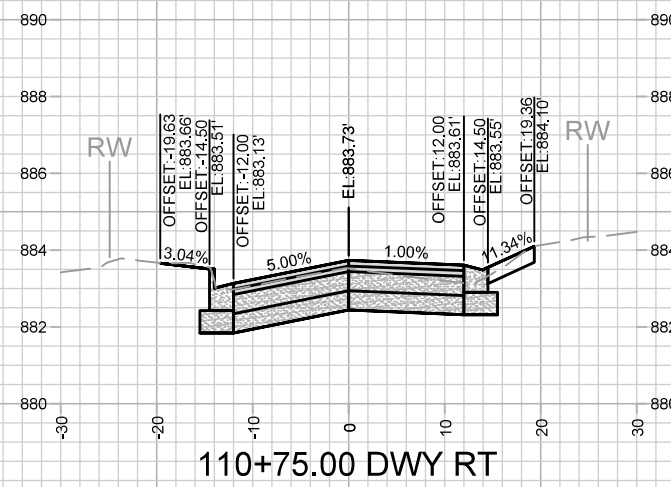
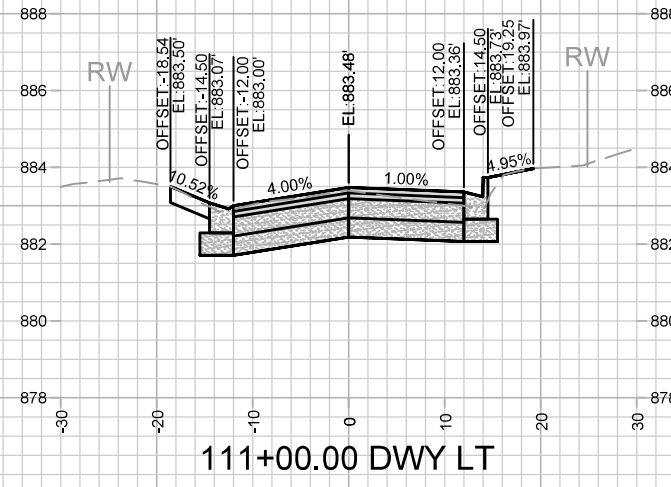
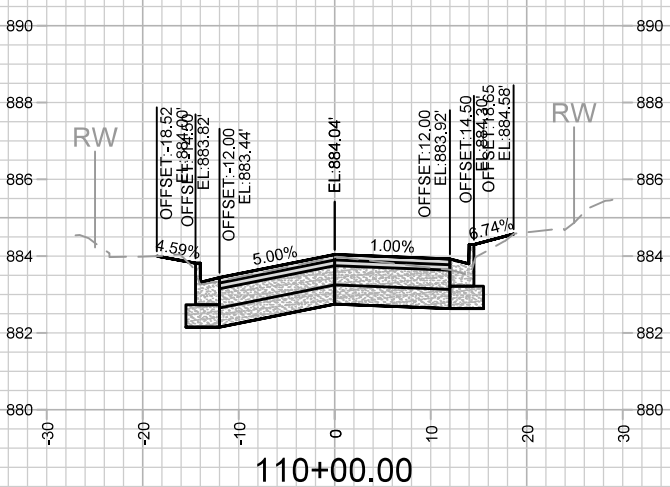
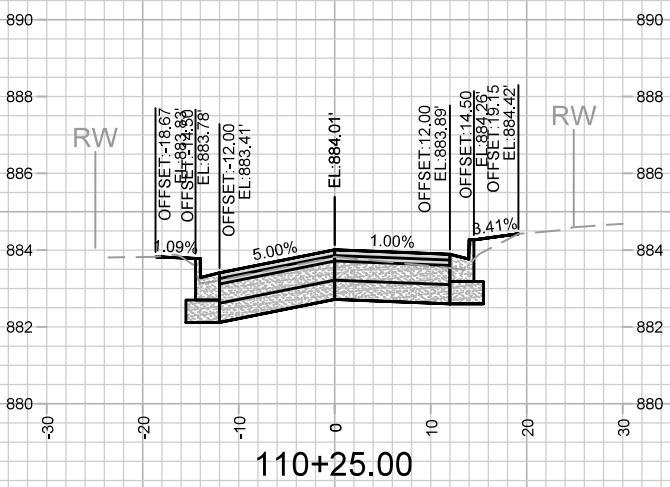
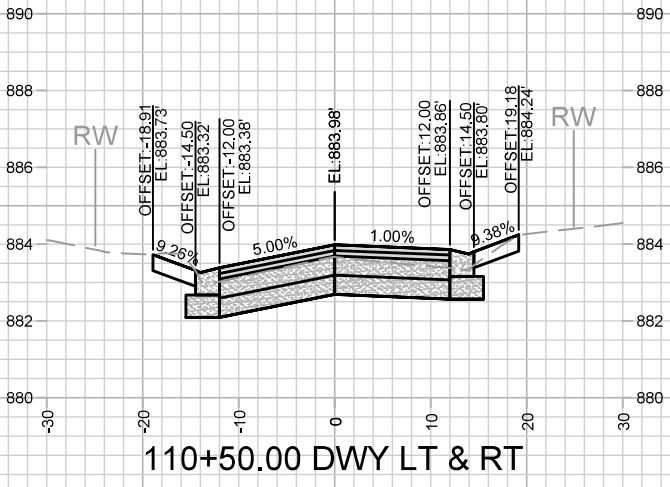
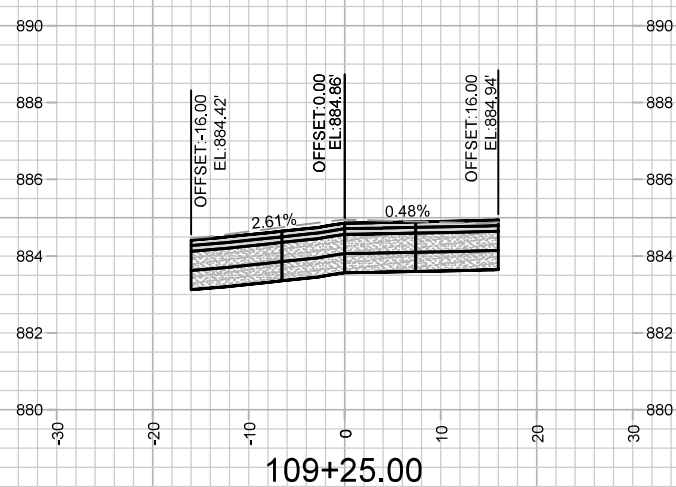
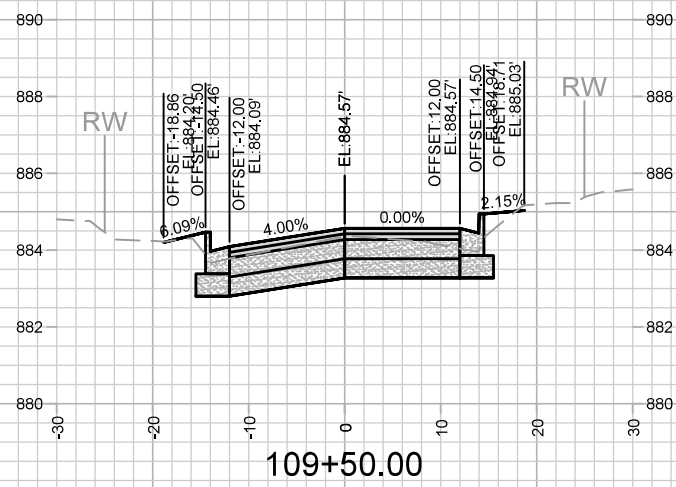
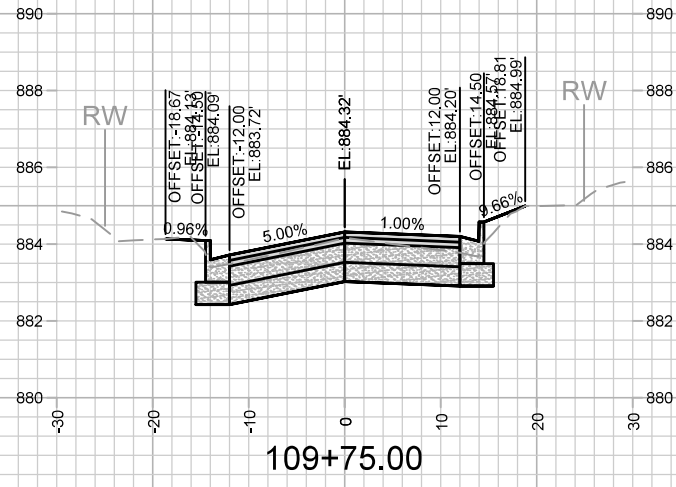
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14075  
 HUDSON AVENUE CROSS SECTIONS  
 MADISON, WI  
 8659  
 CONTRACT NO:

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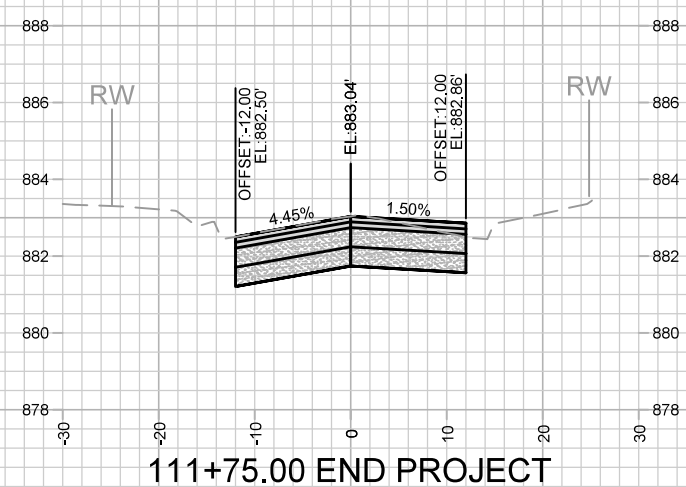
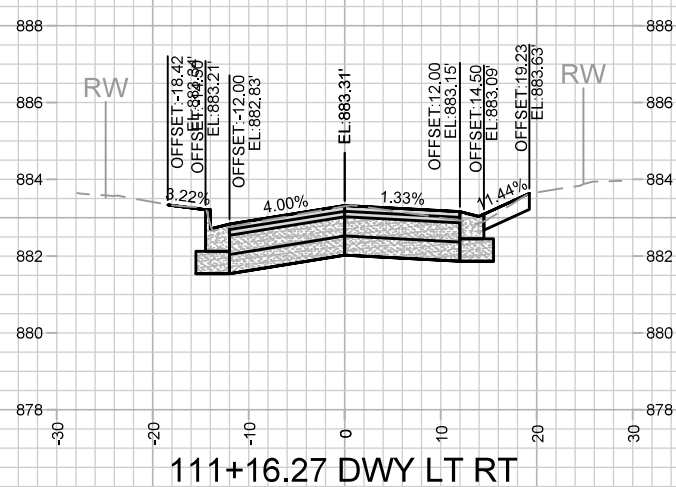
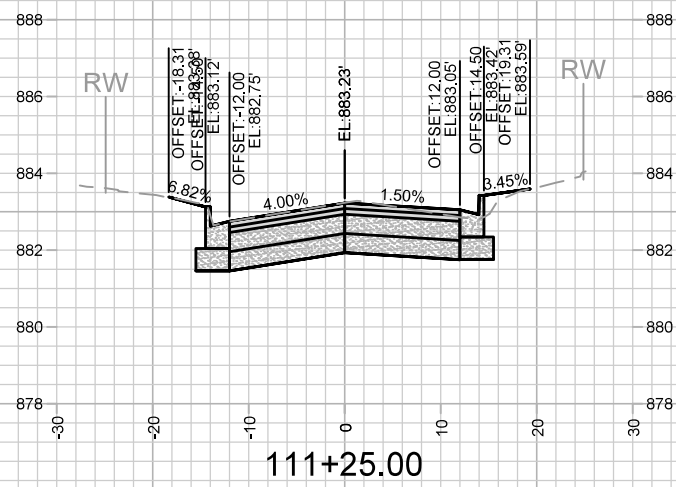
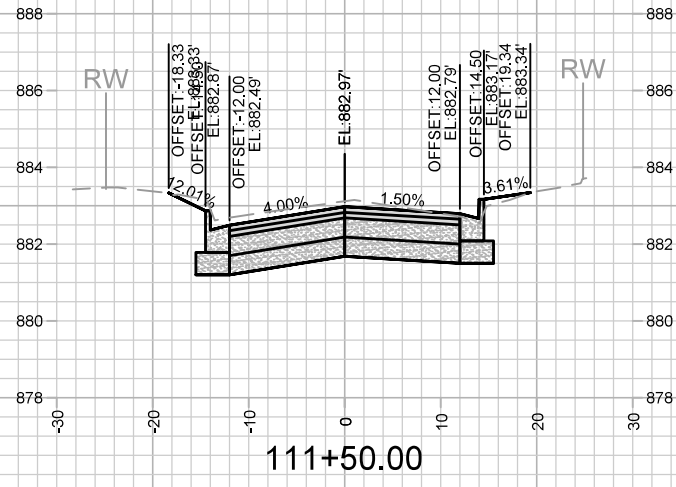
14075  
 MADISON, WI  
 8659

CONTRACT NO:  
 14075

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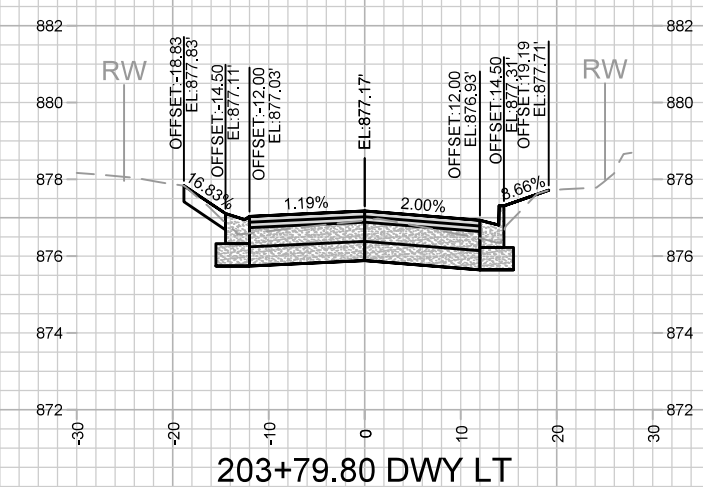
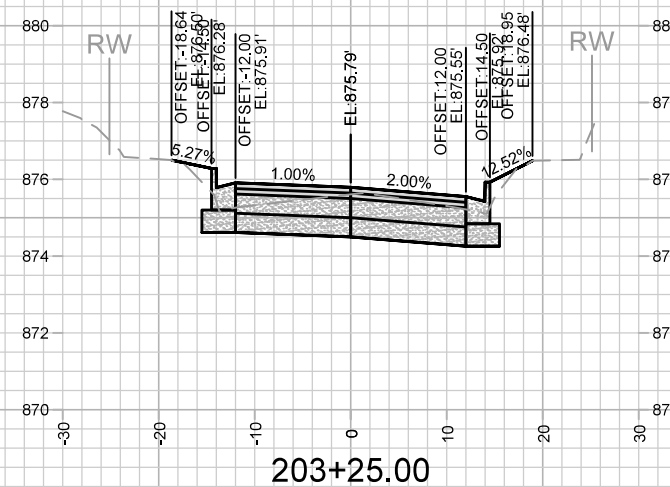
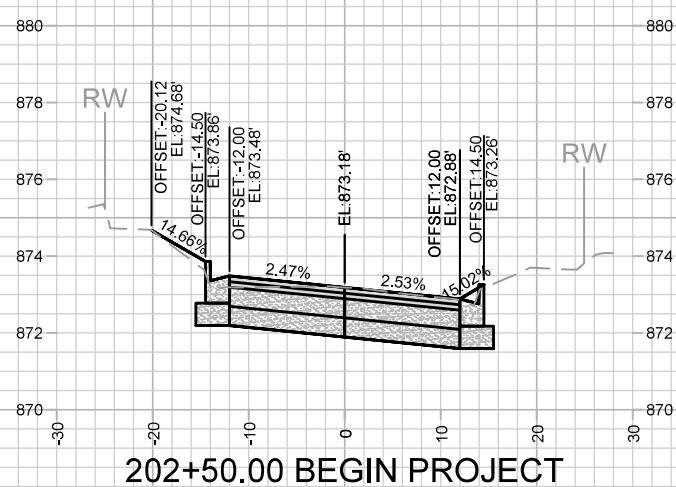
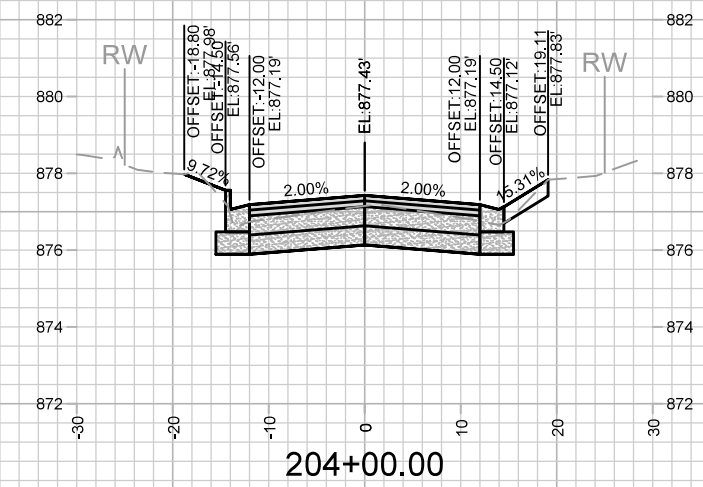
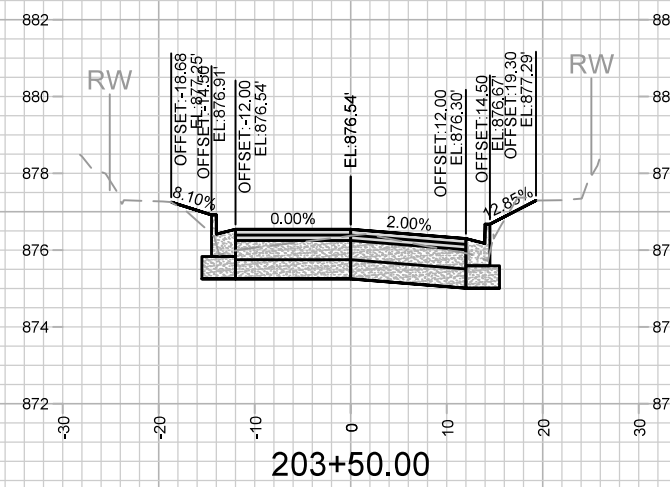
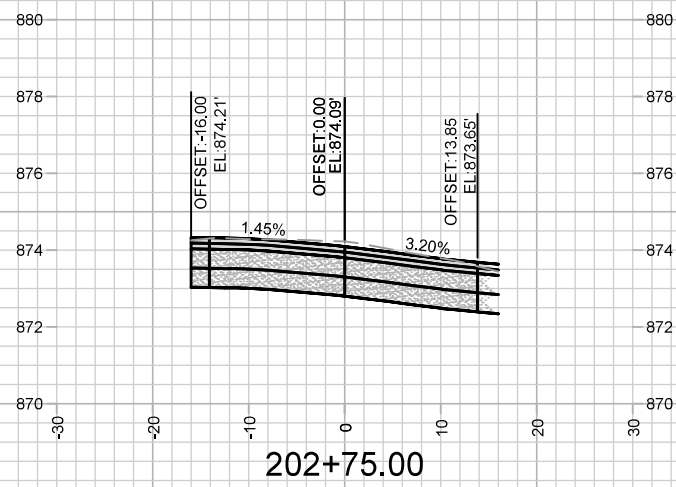
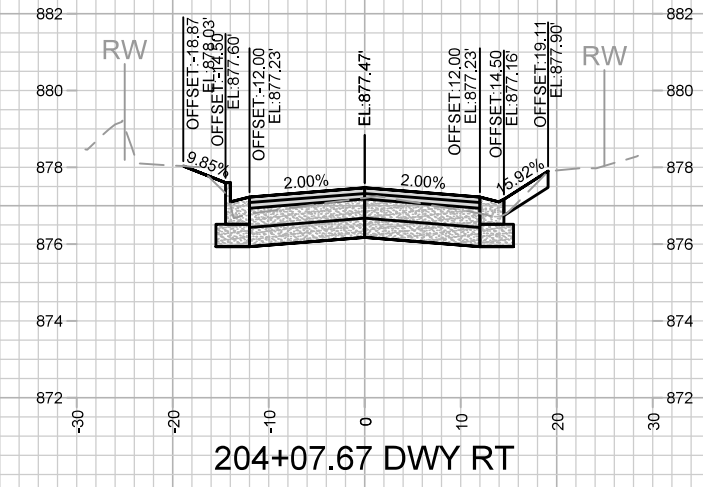
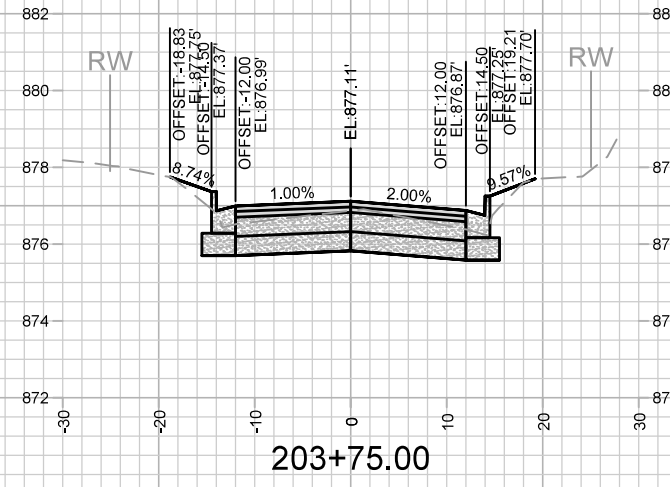
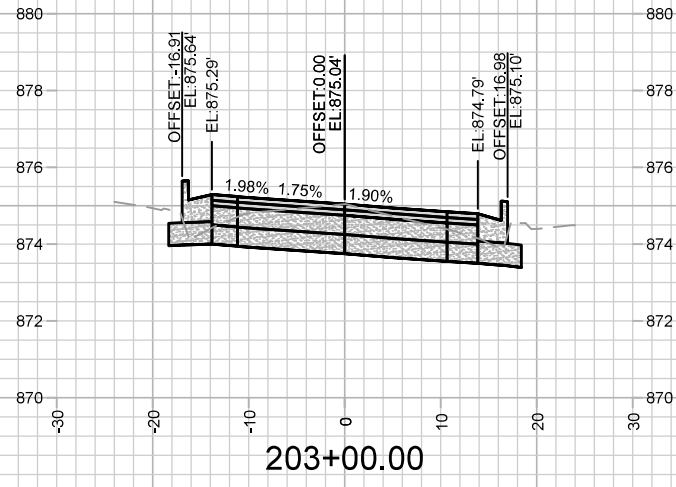


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Date: 6/27/2023 11:48 AM  
Scale: 1" = 20'

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

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Designed By: AJZ Date: 6/27/2023 11:48 AM  
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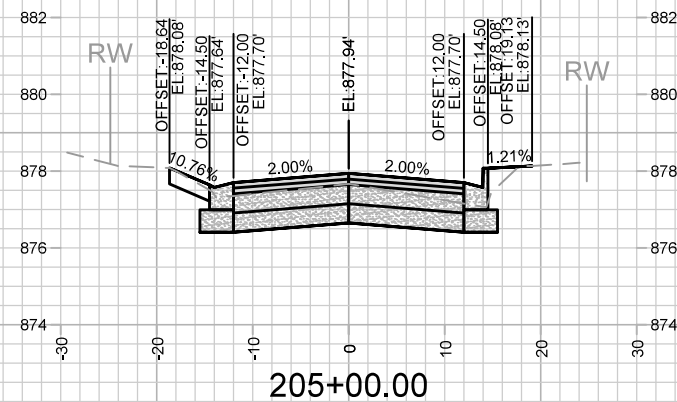
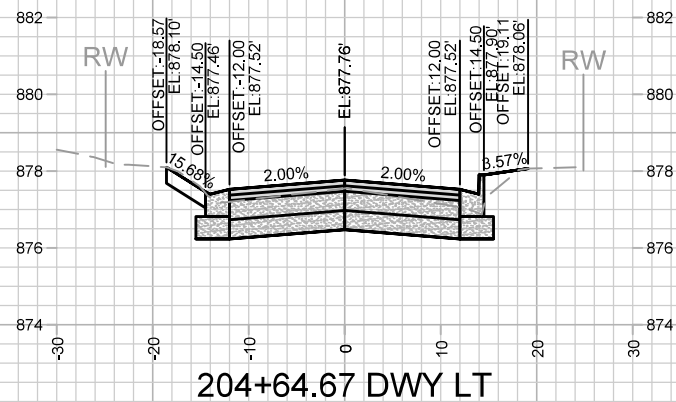
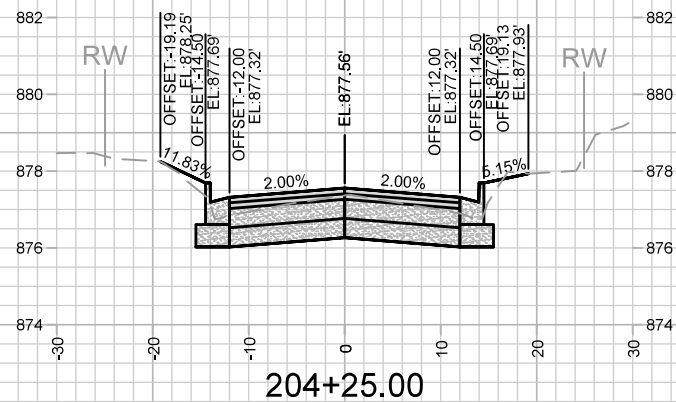
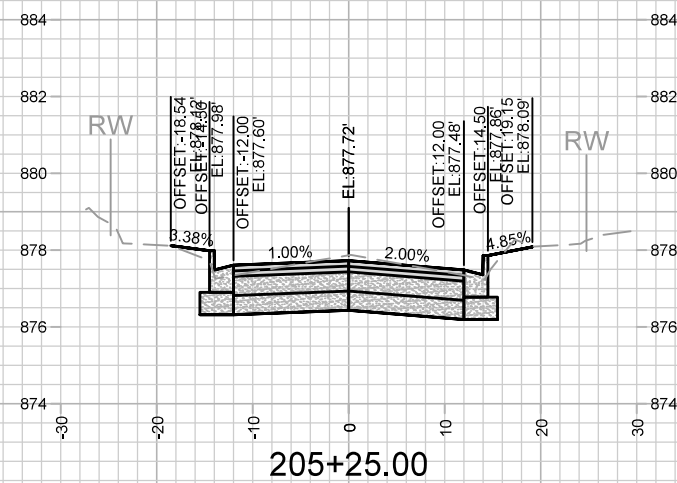
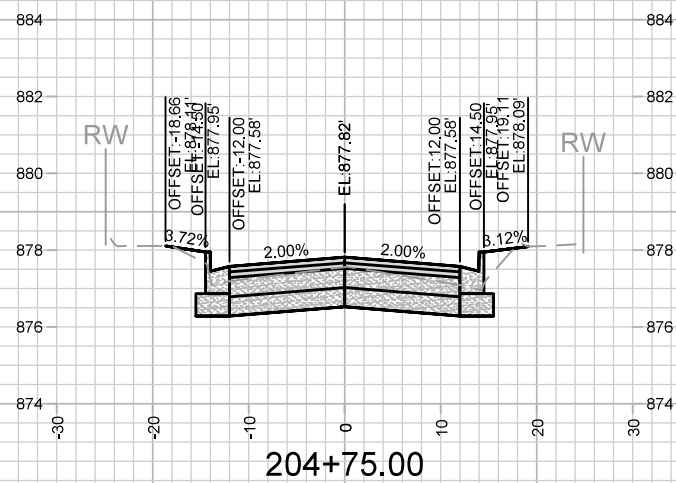
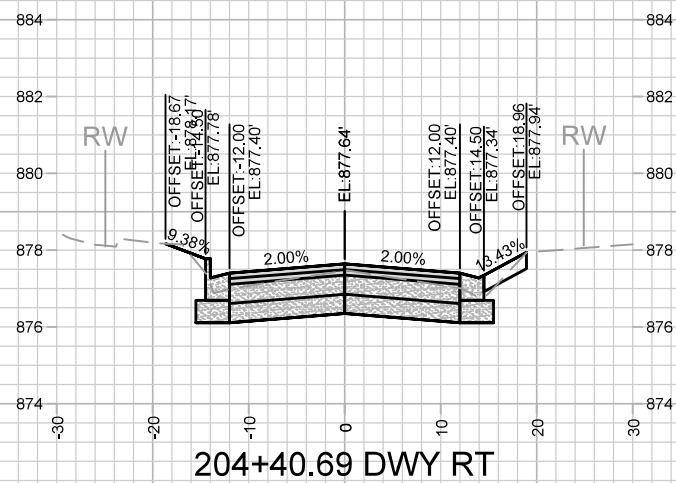
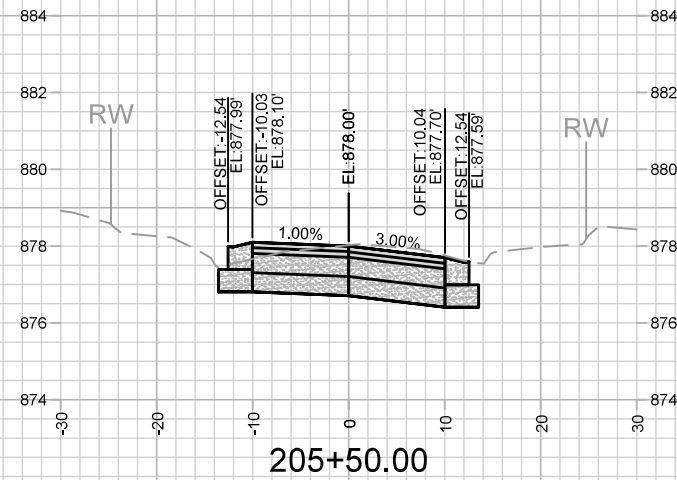
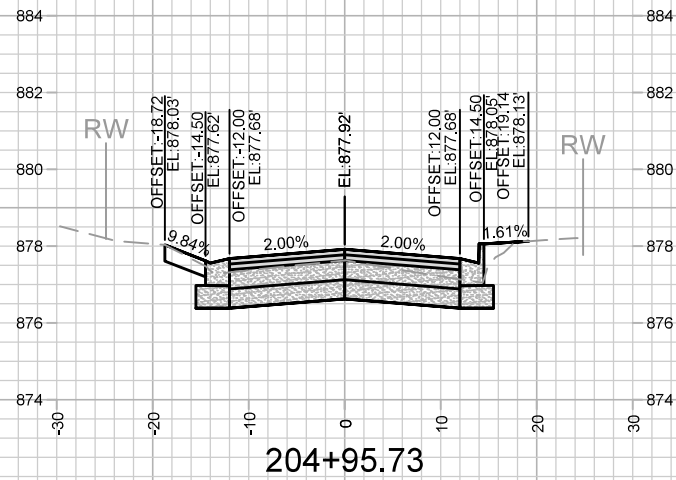
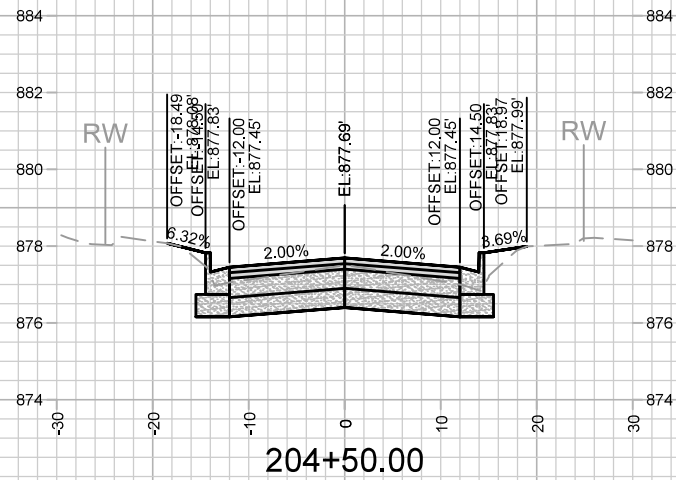
14075  
 MADISON, WI  
 8659  
 CONTRACT NO:

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

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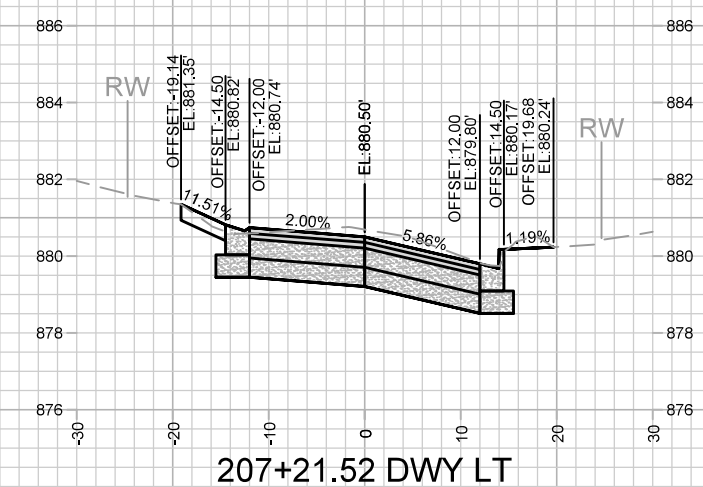
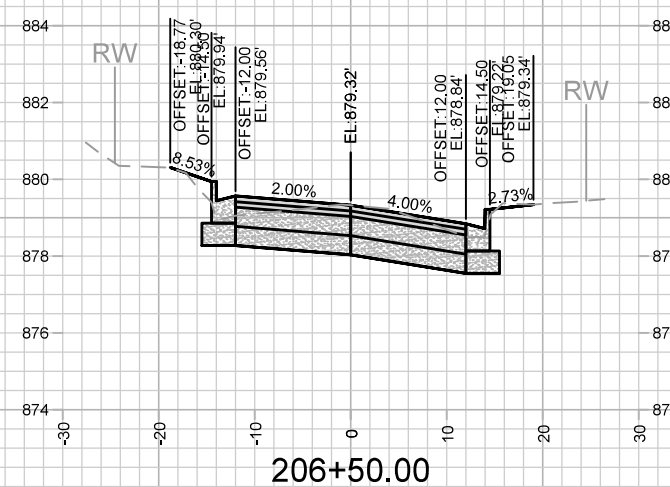
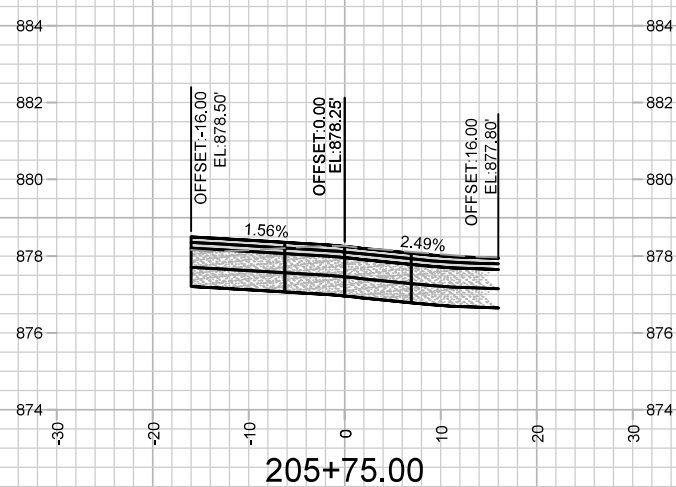
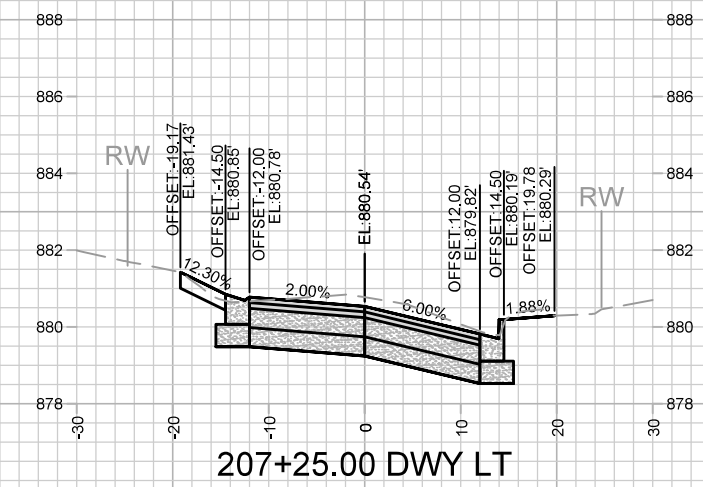
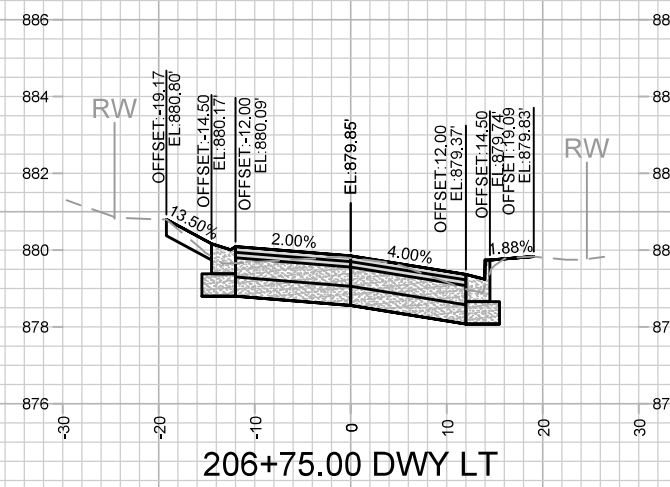
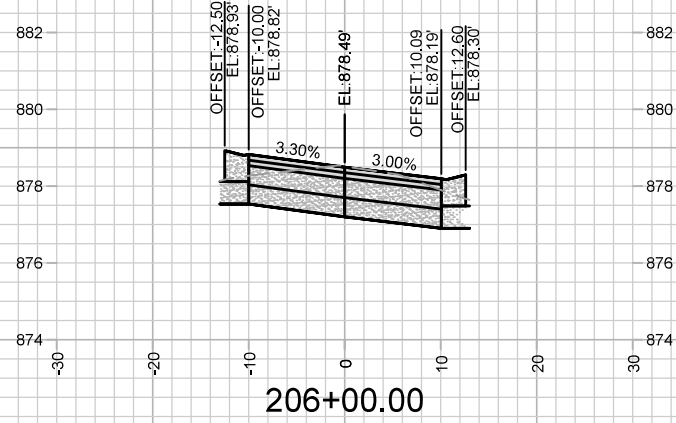
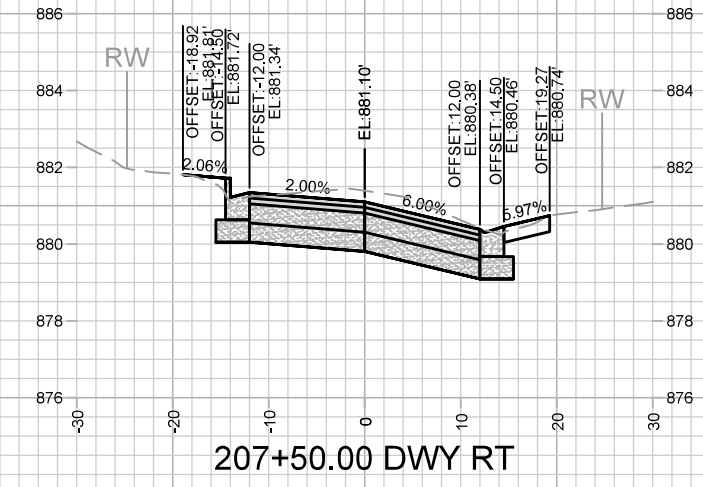
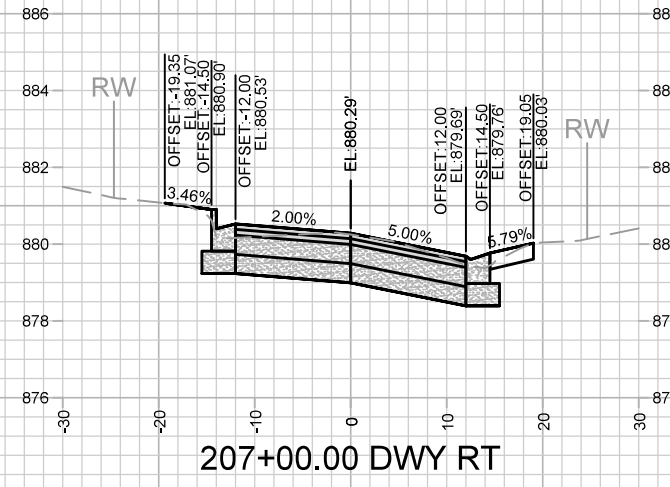
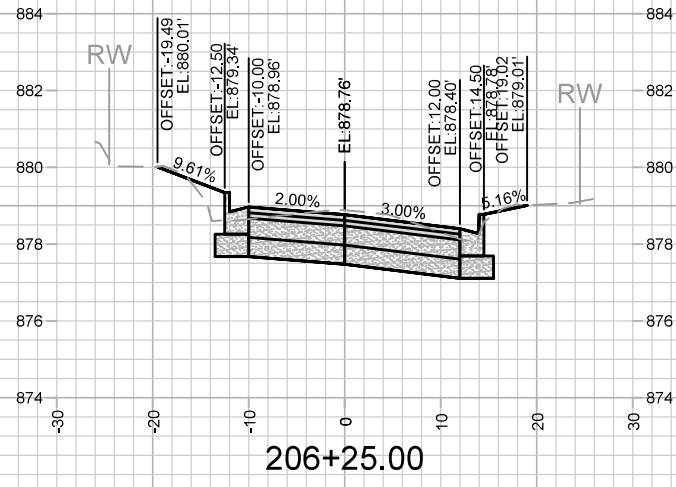
14075  
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 CONTRACT NO:

MILLER AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI  
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Scale: 1" = 20'



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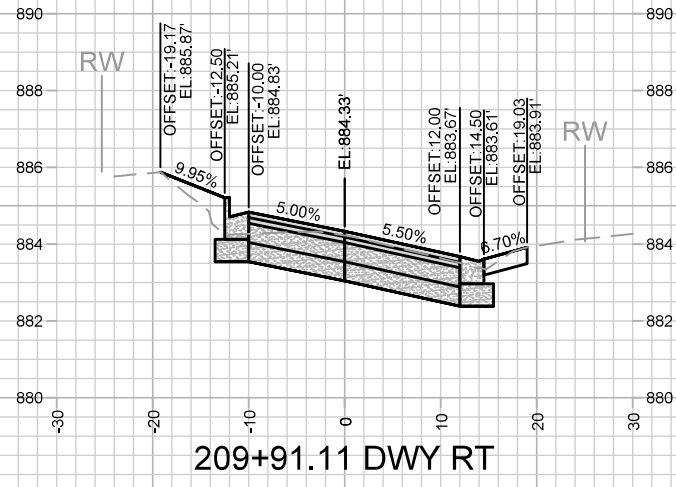
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MADISON, WI  
8659  
CONTRACT NO:

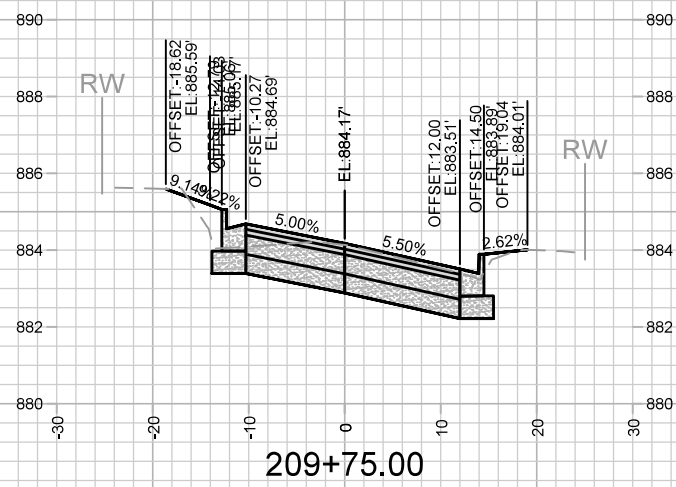
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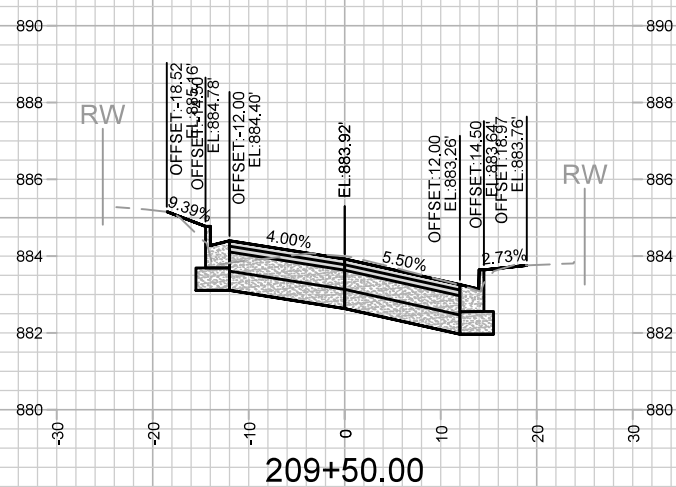




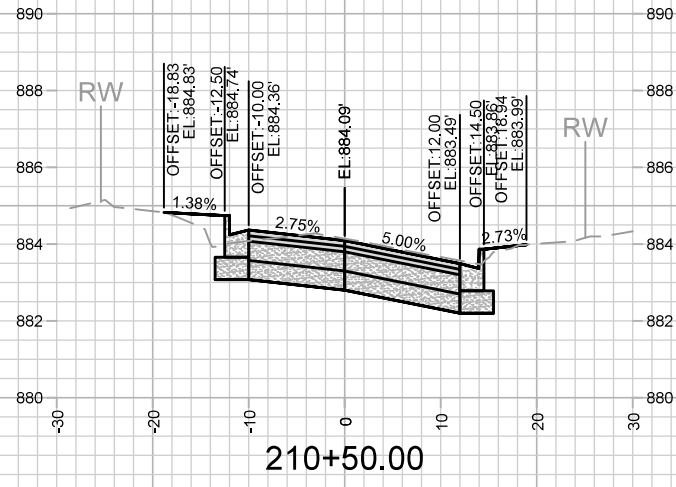
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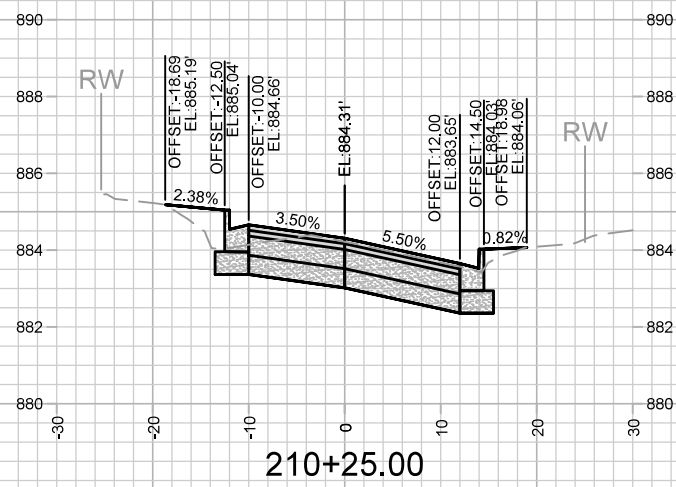
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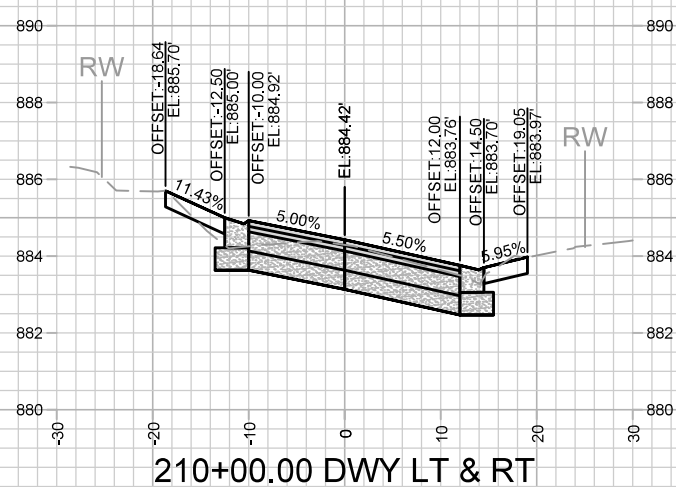
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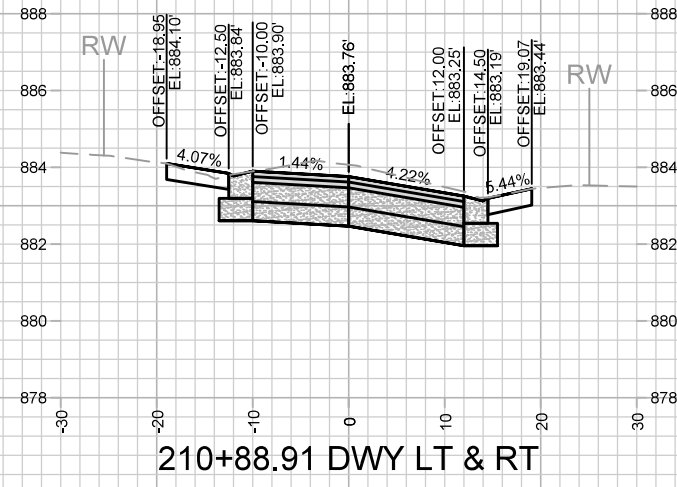
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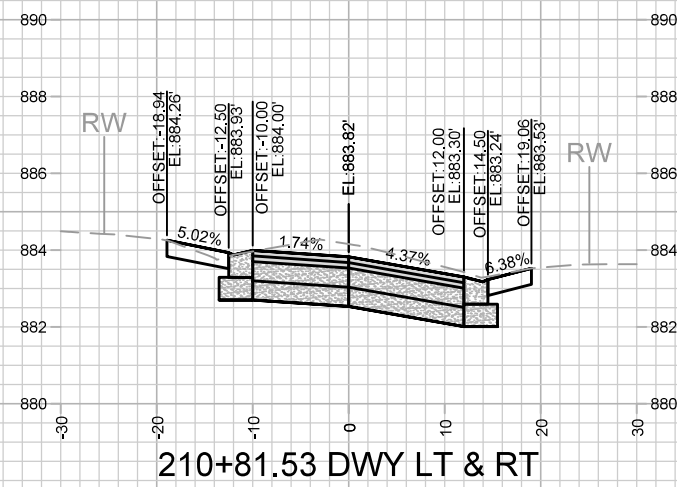
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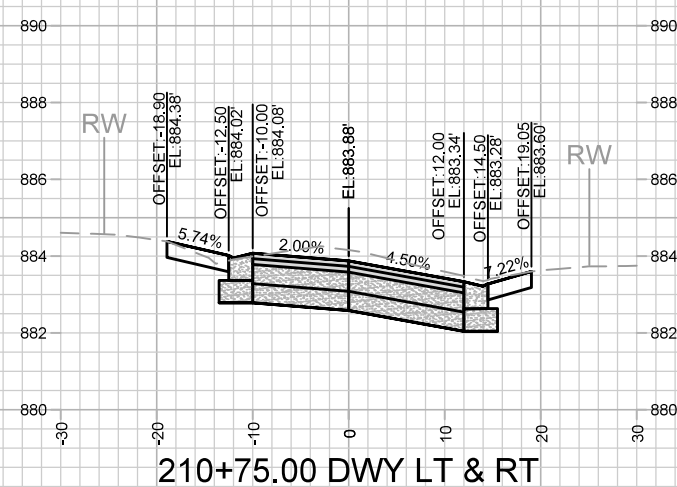
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210+88.91 DWY LT & RT



210+81.53 DWY LT & RT



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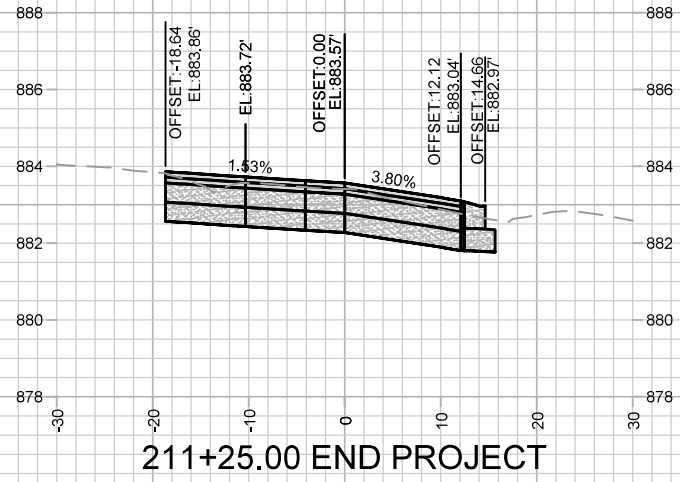
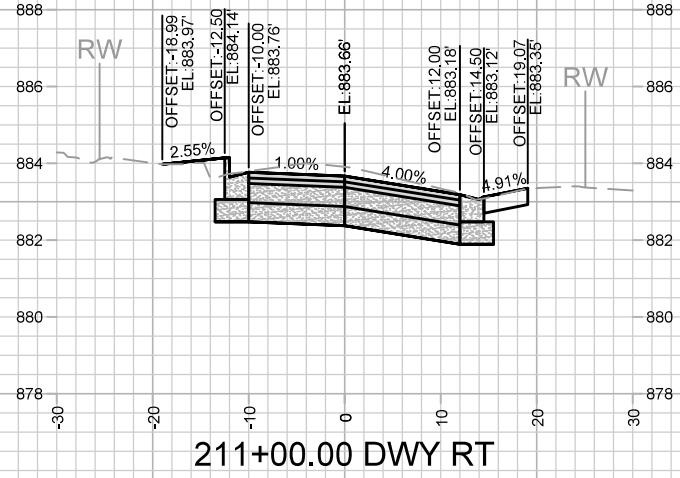
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 8659  
 CONTRACT NO:

MILLER AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
 MADISON, WI  
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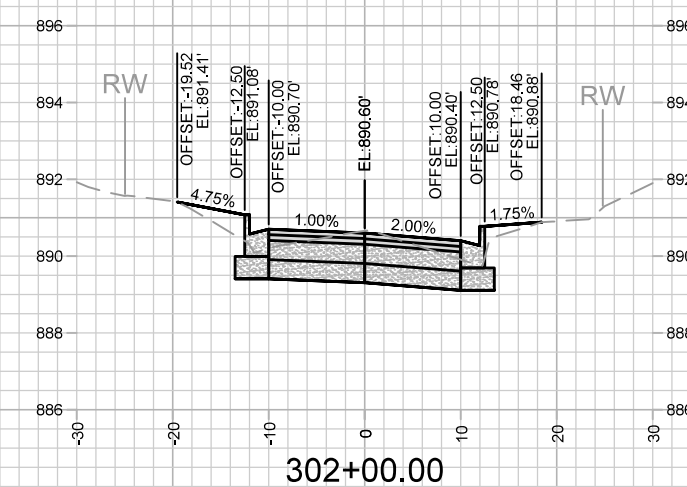
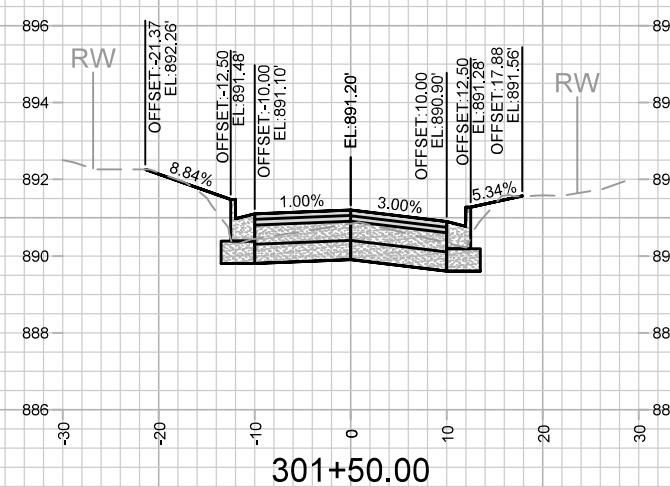
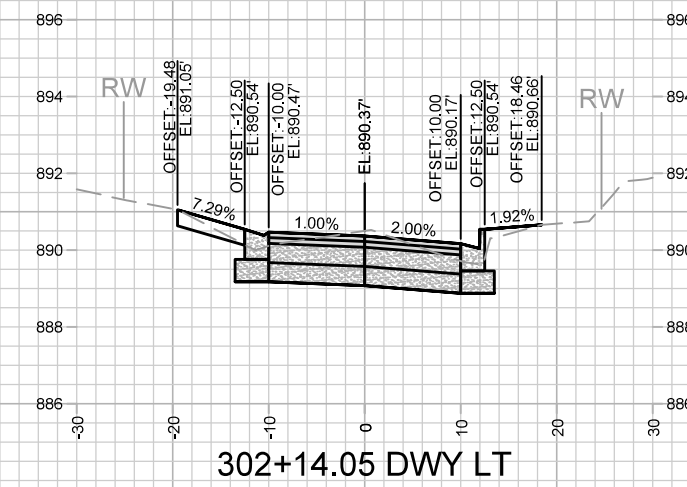
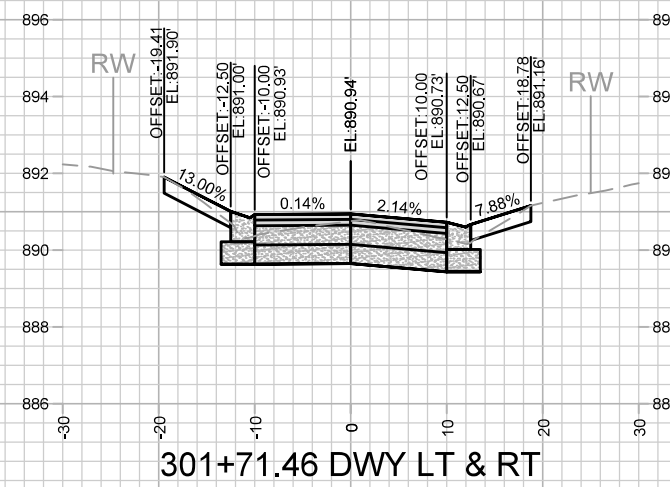
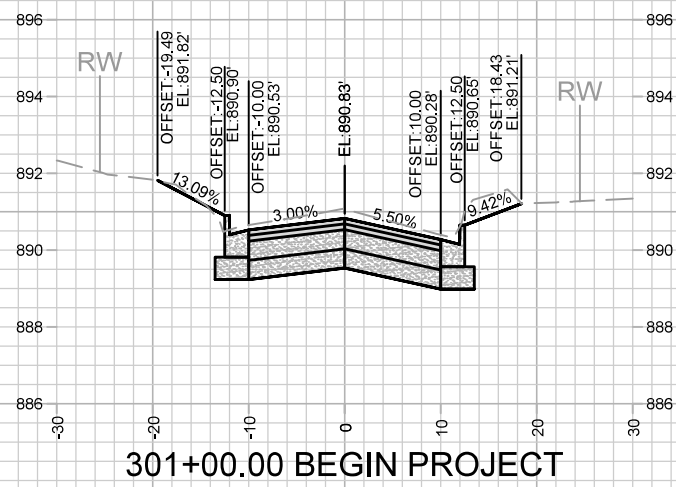
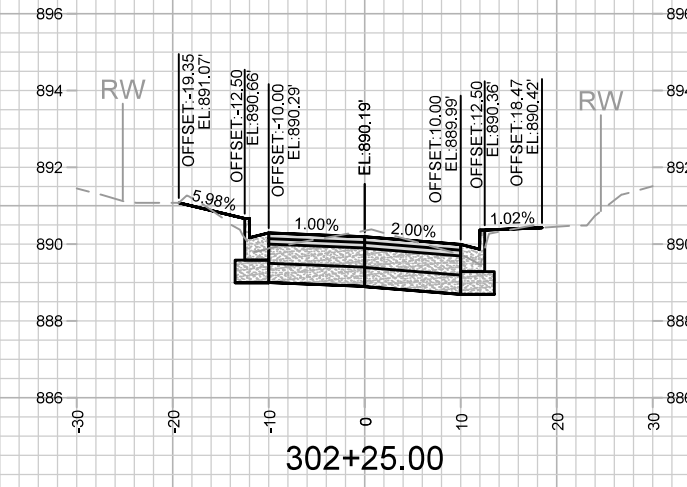
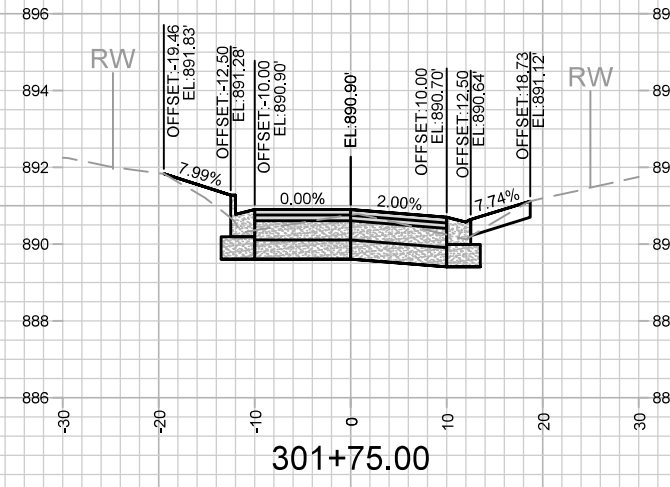
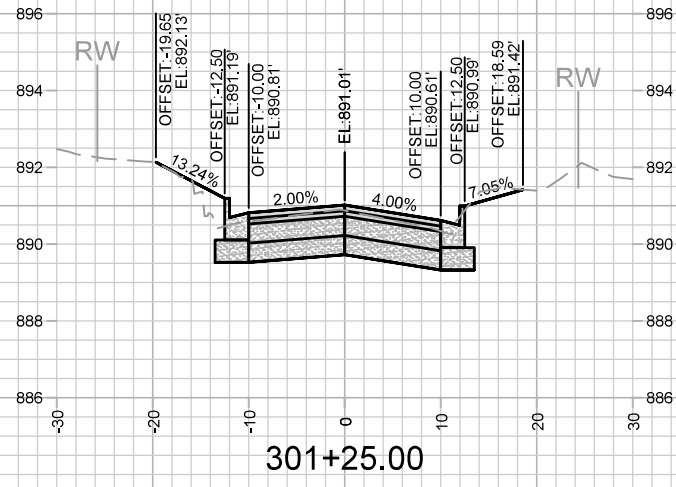
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MILLER AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
 MADISON, WI  
 M:\DESIGN\Projects\14075\CAD\Streets\14075EN-Corridor.dwg

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| Contract No: 8659 |                    |      | X-12            |



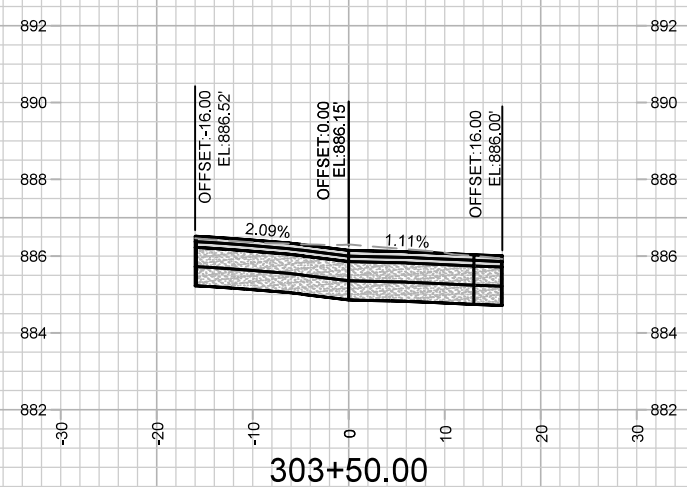
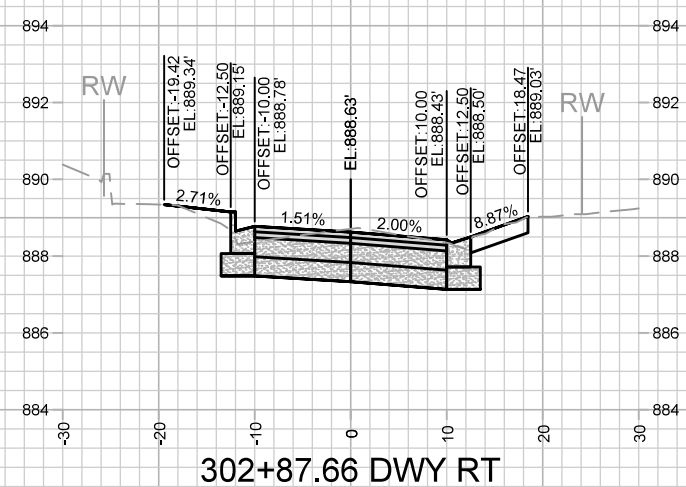
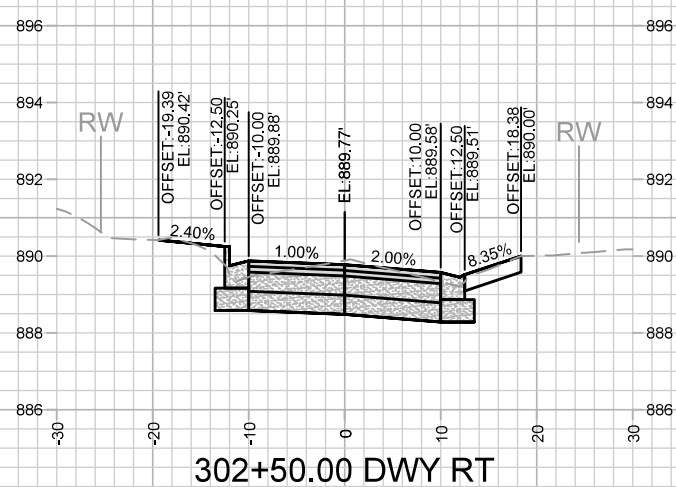
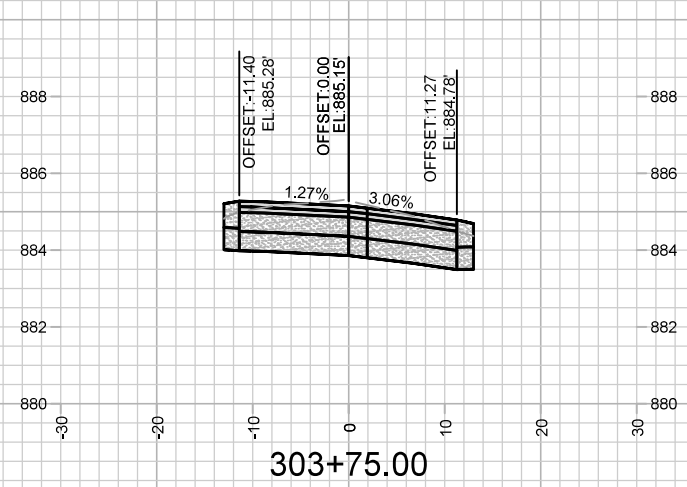
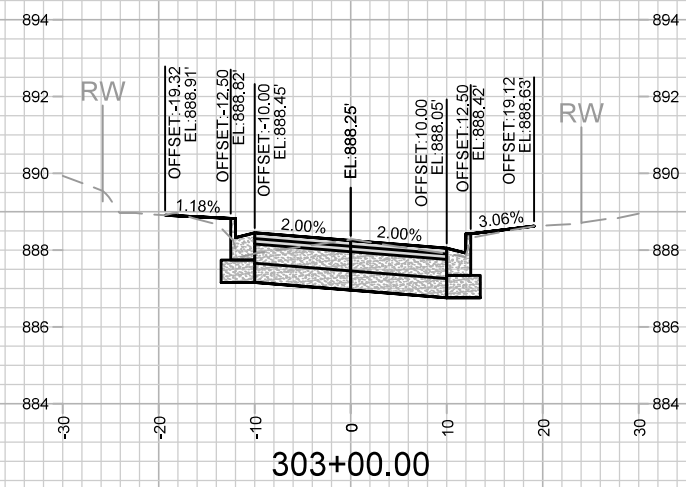
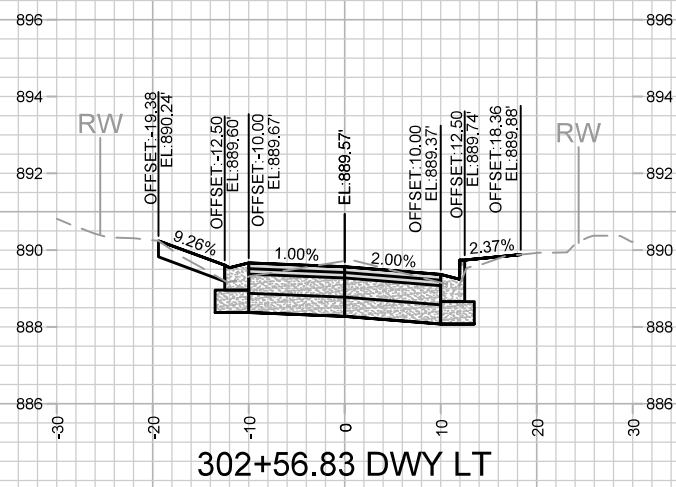
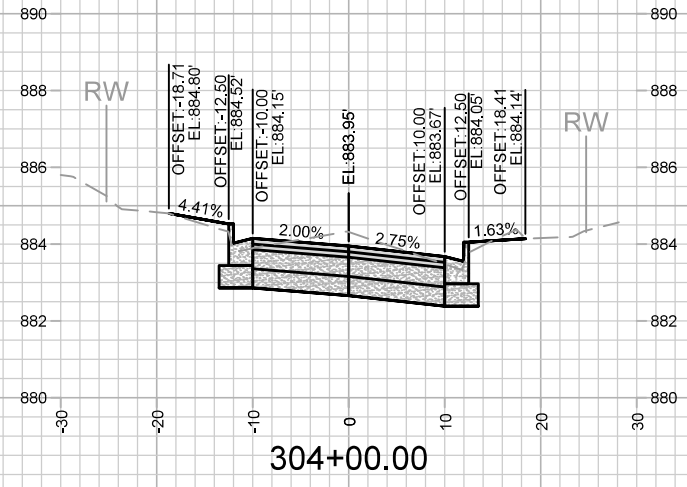
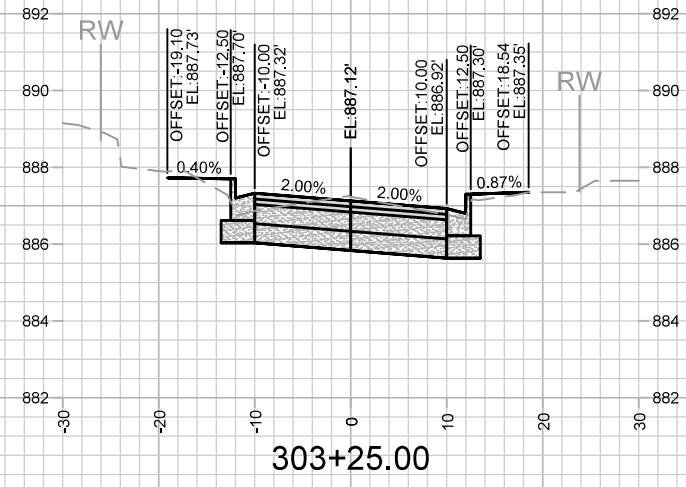
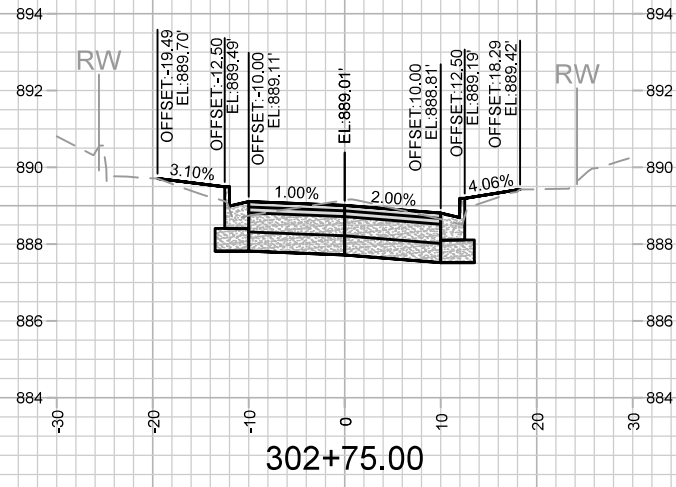
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Designed By: AJZ  
Date: 6/27/2023 11:50 AM  
Scale: 1" = 20'

14075  
 WILLARD AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI  
 M:\DESIGN\Projects\14075\CAD\Streets\14075EN-Corridor.dwg  
 CONTRACT NO: 8659

14075  
 X-13





| MARK | REVISION | DATE | BY |
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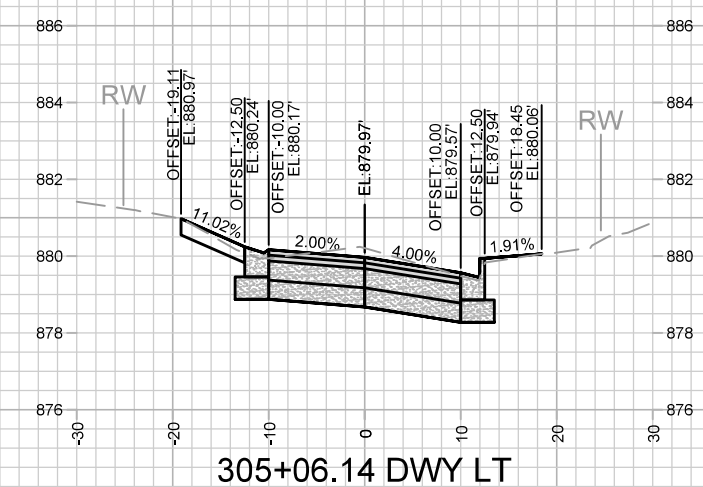
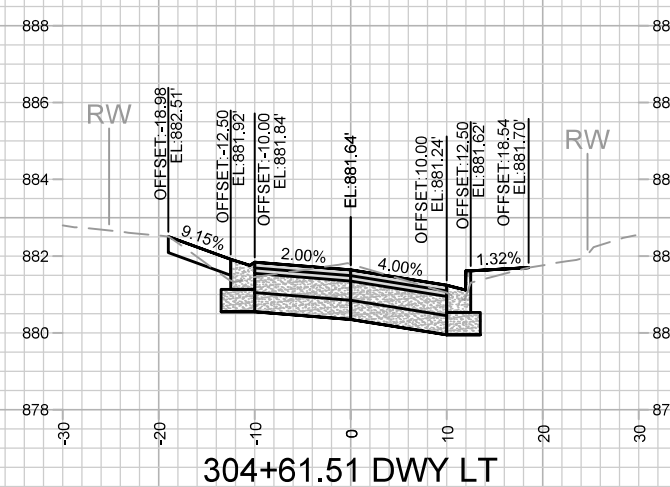
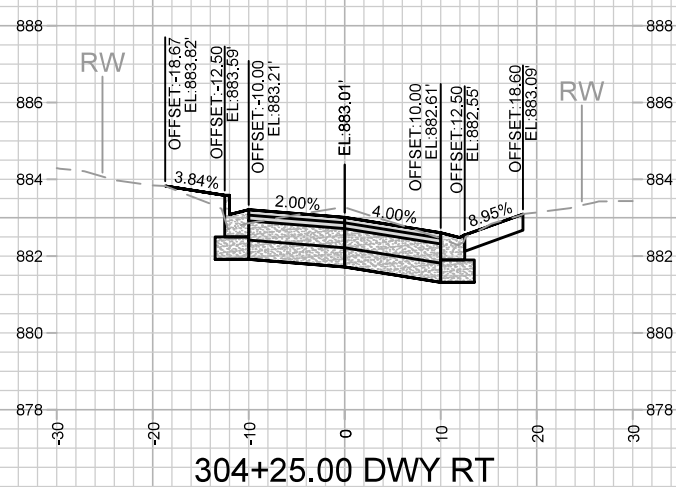
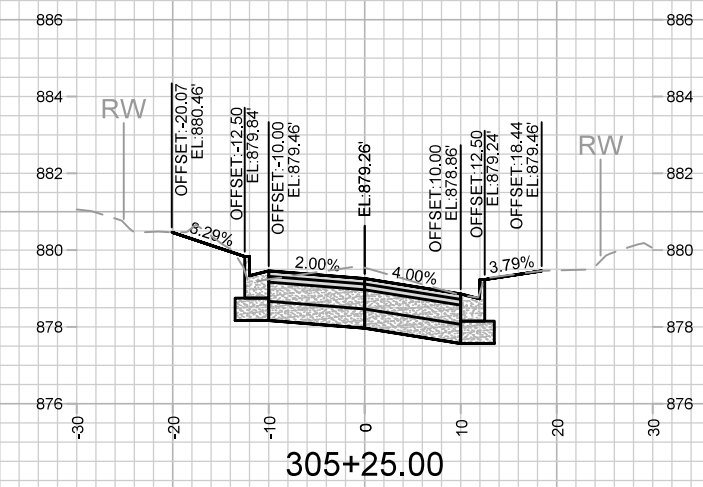
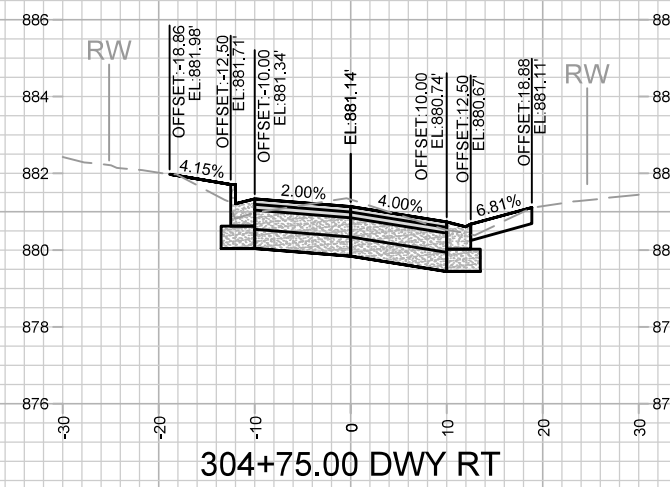
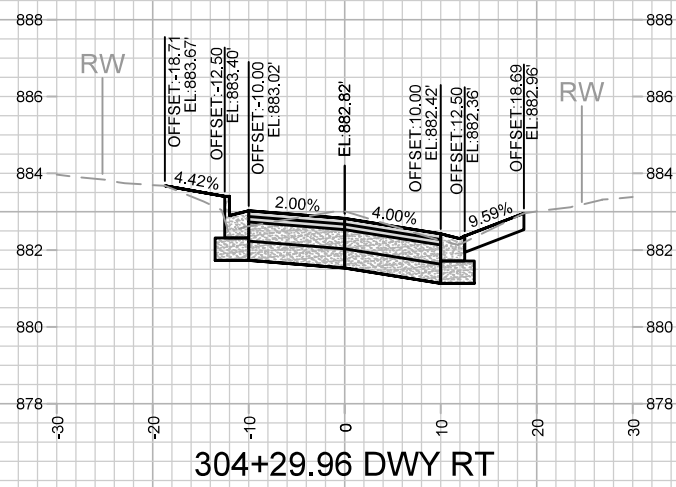
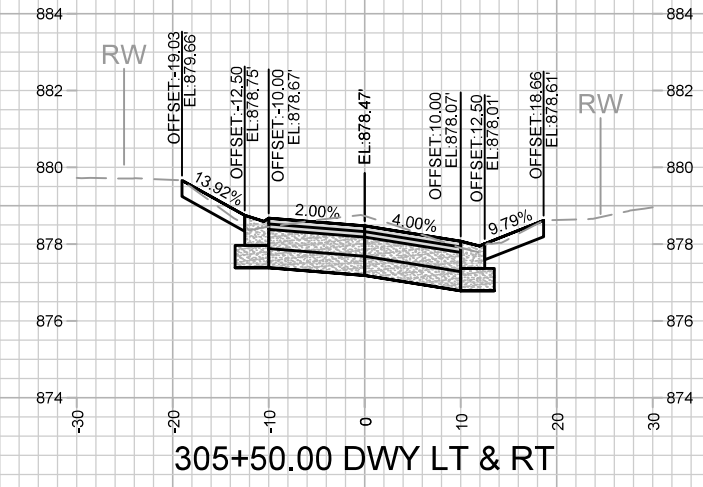
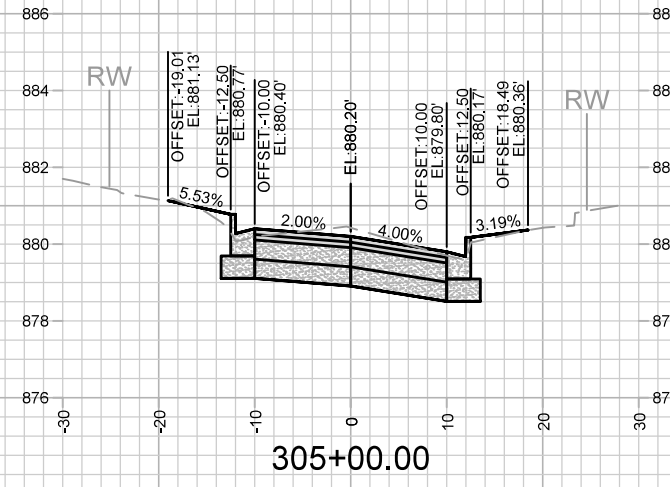
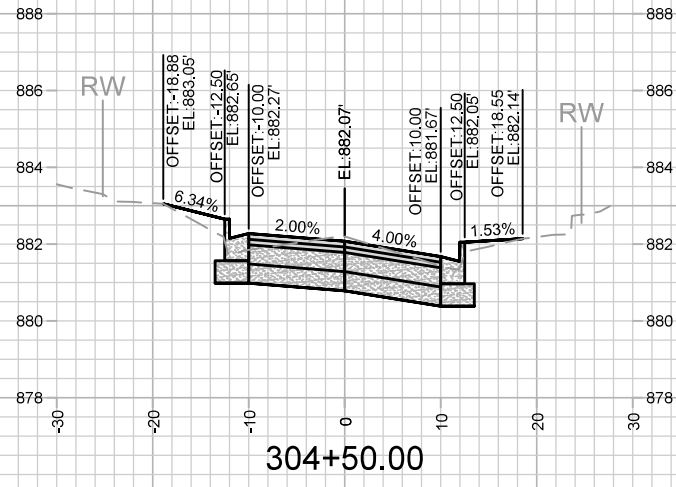
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 X-14

14075  
 MADISON, WI  
 8659  
 CONTRACT NO:

WILLARD AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
 M:\DESIGN\Projects\14075\CAD\Streets\14075EN-Corridor.dwg



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 X-14

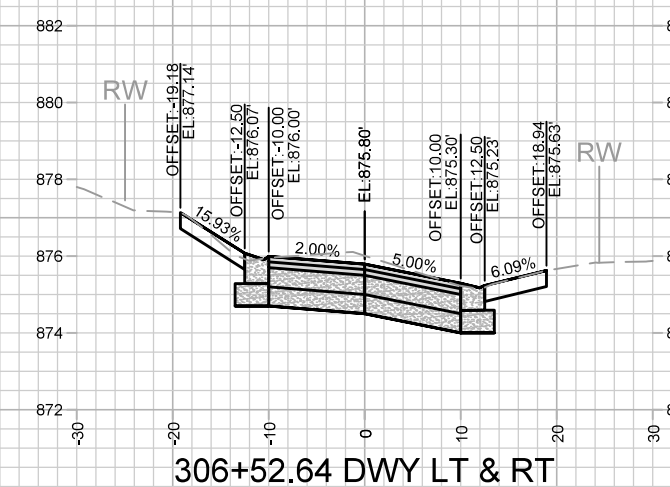
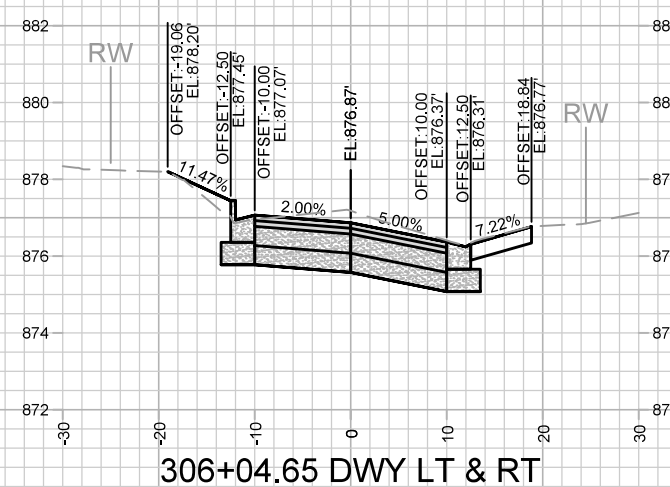
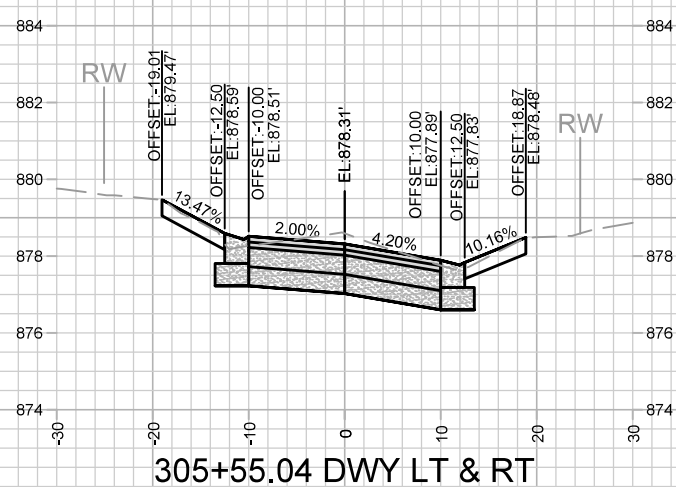
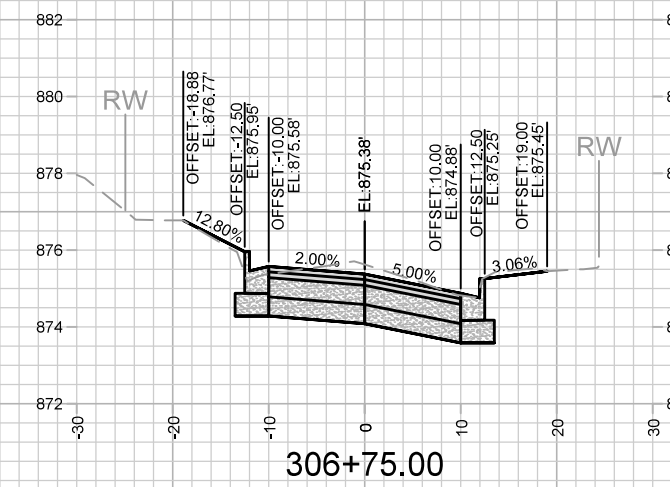
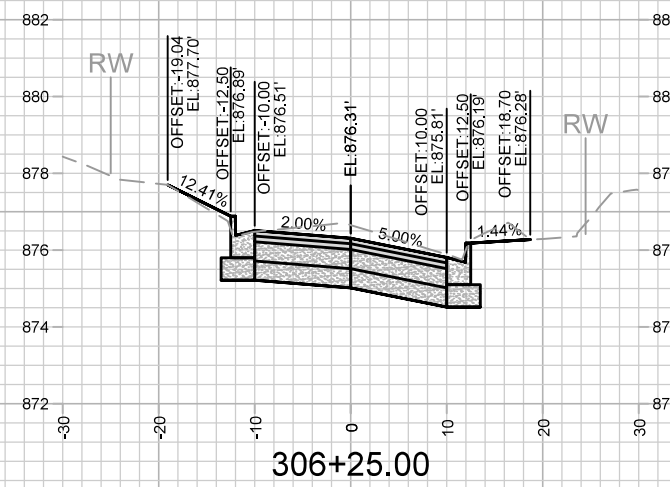
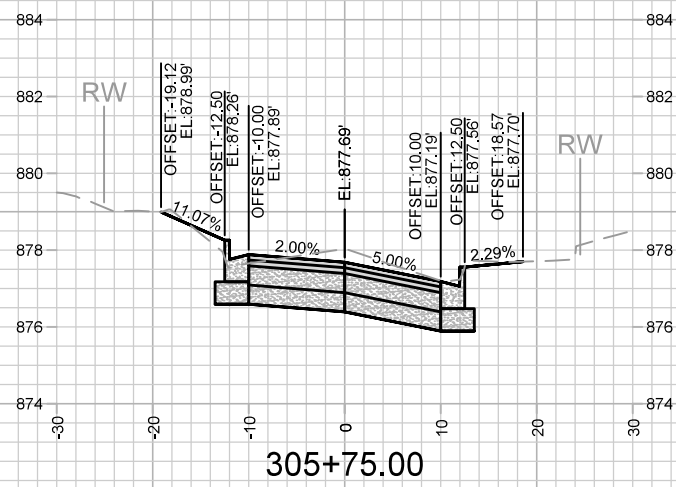
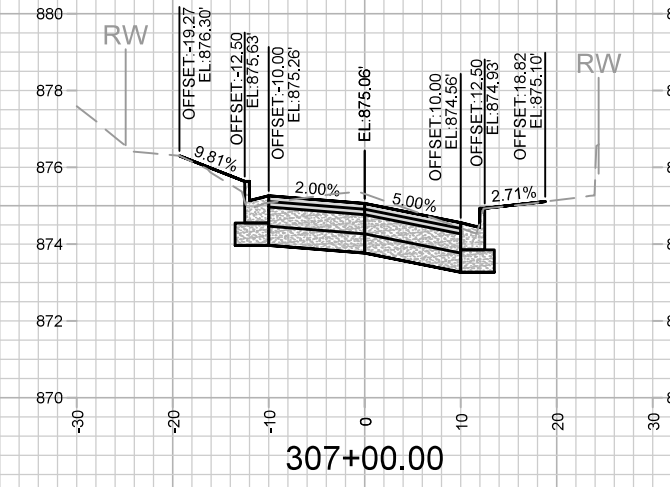
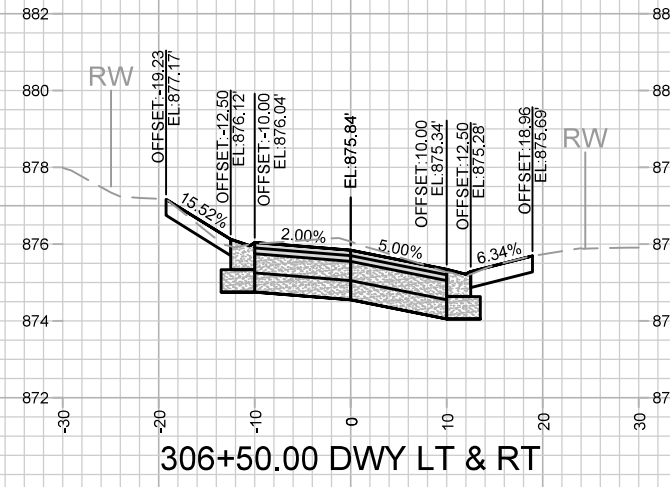
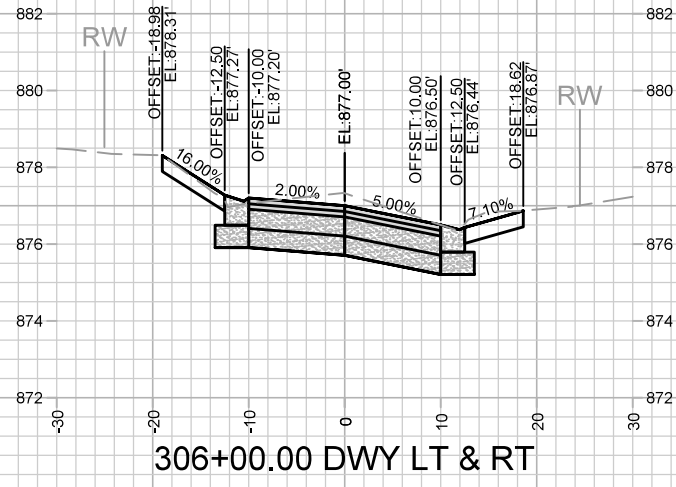


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14075  
 MADISON, WI  
 8659  
 CONTRACT NO:

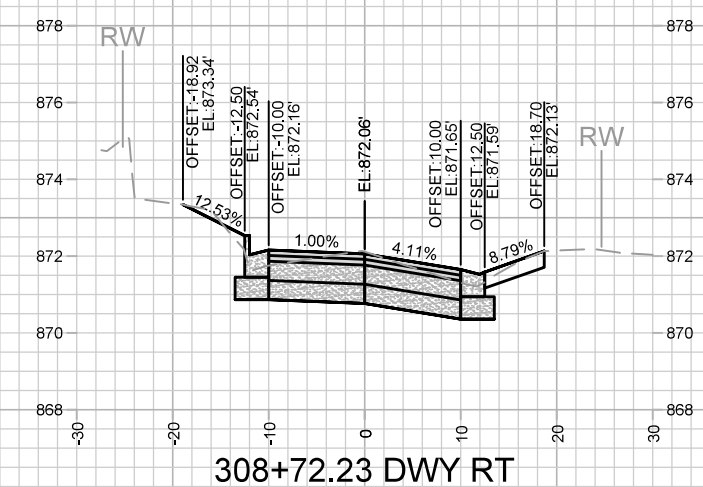
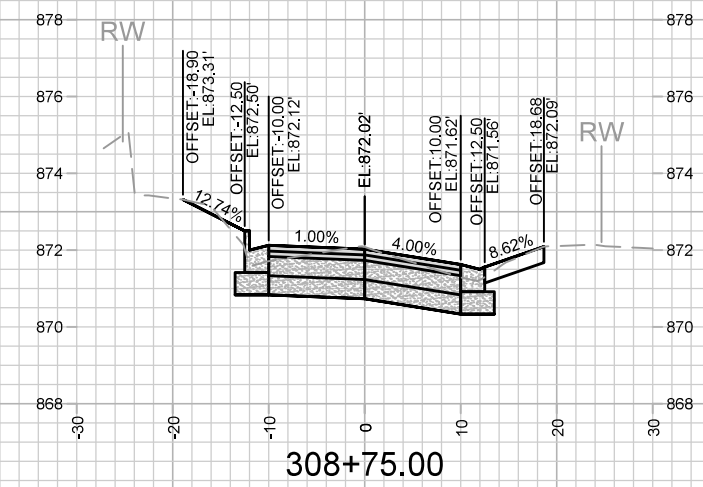
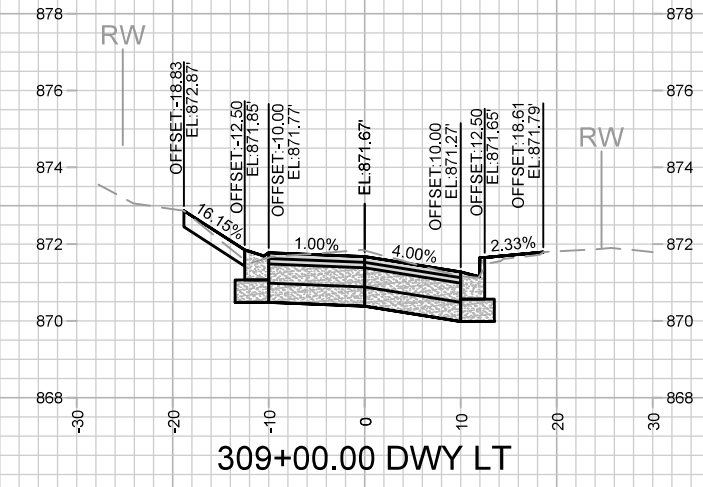
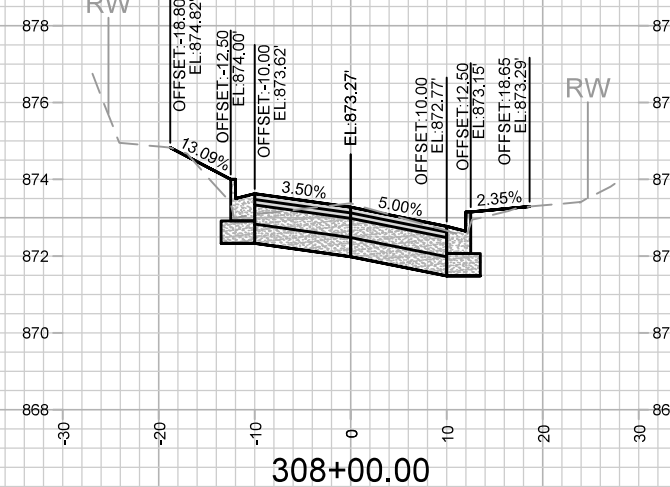
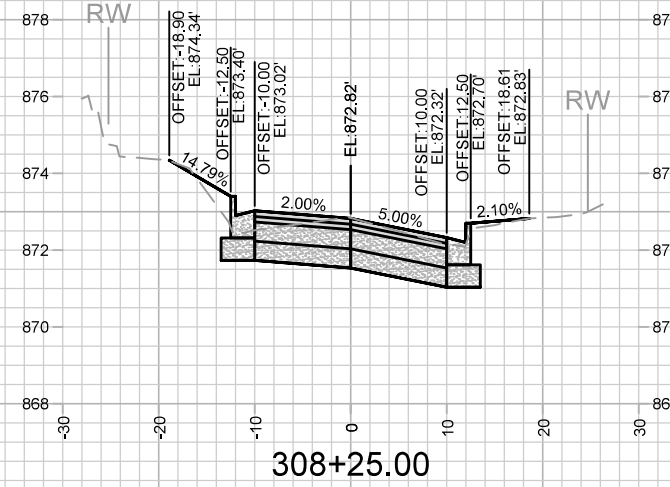
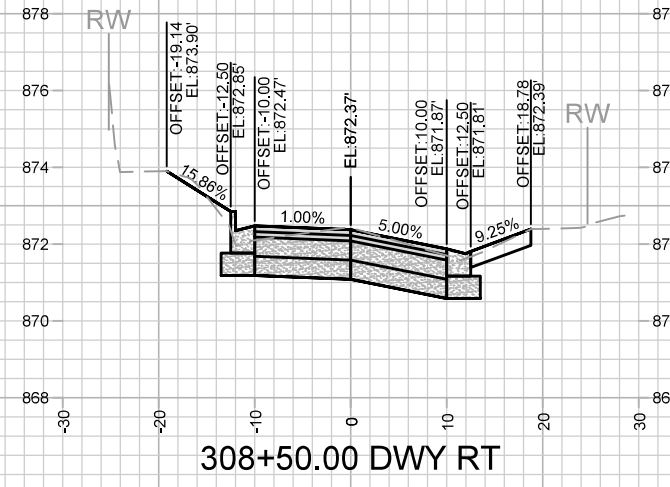
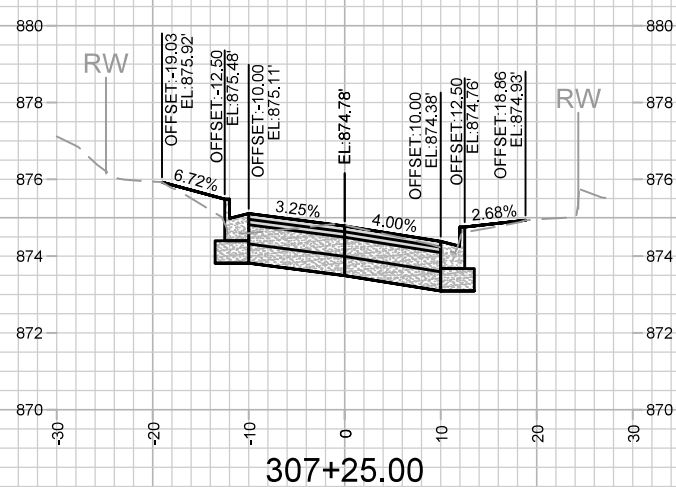
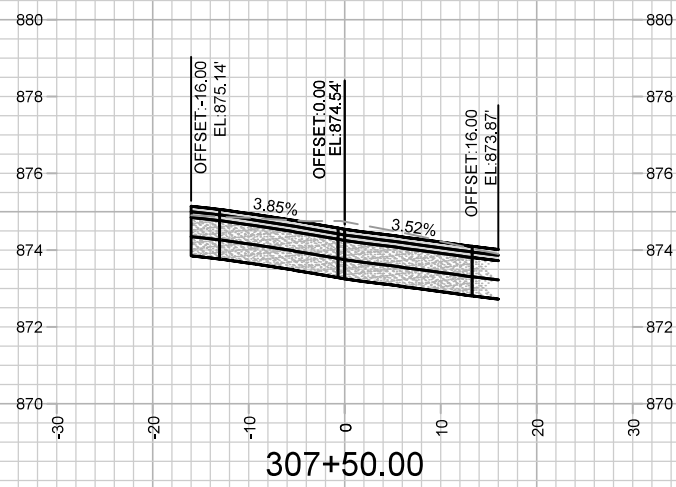
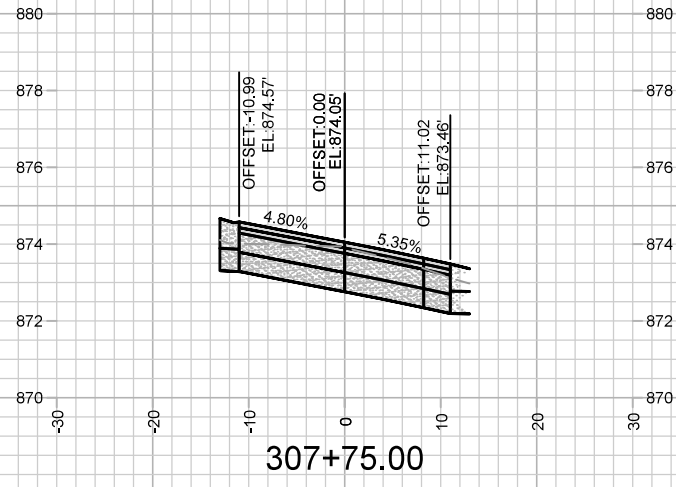
WILLARD AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
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14075  
 WILLARD AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI  
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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

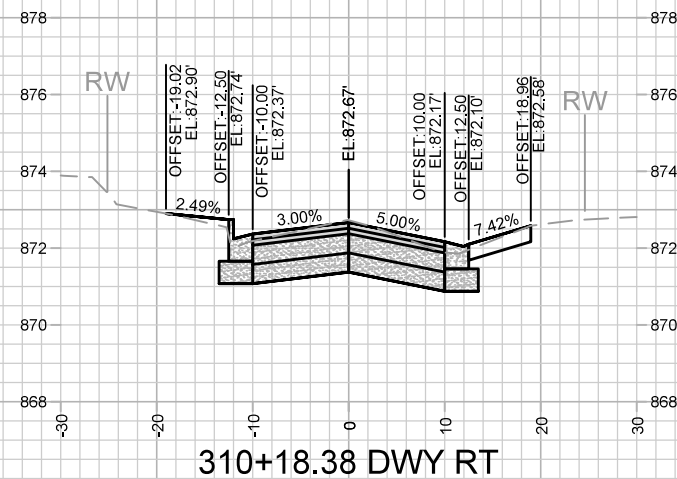
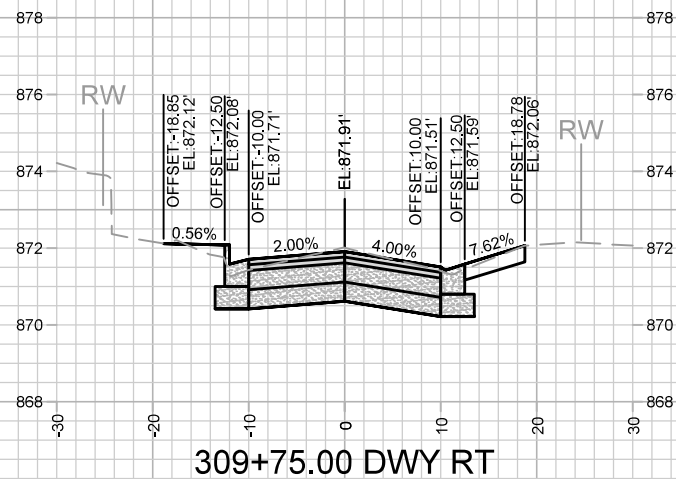
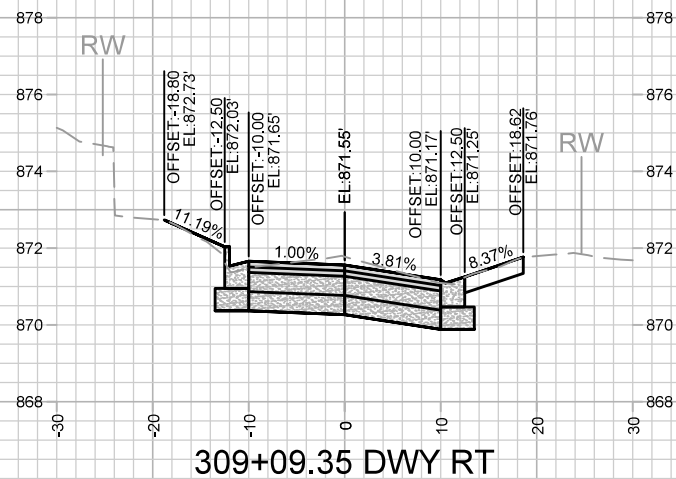
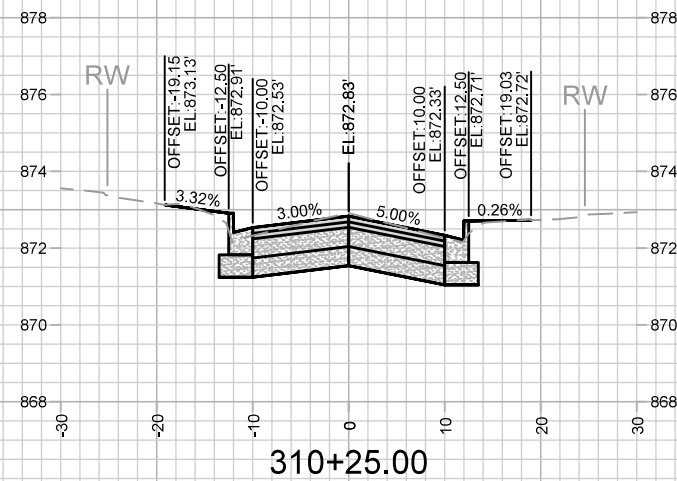
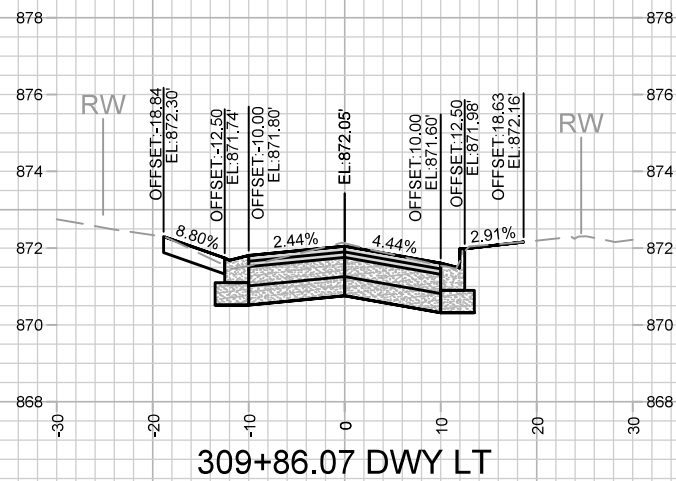
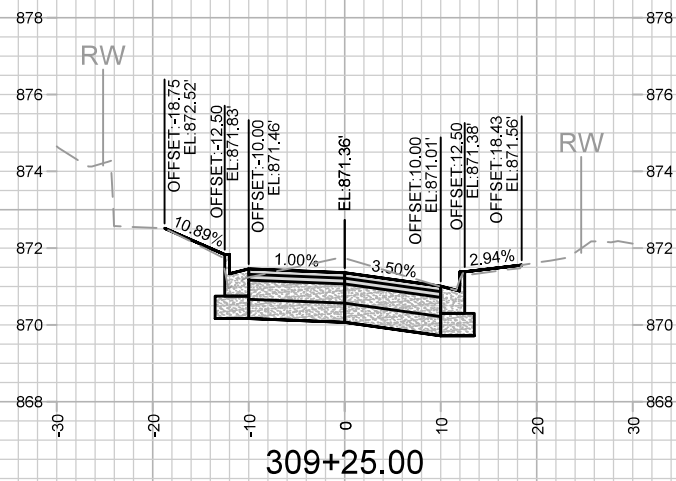
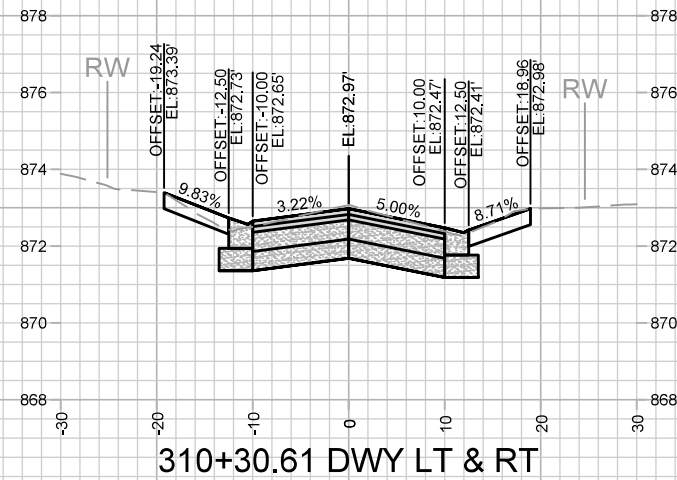
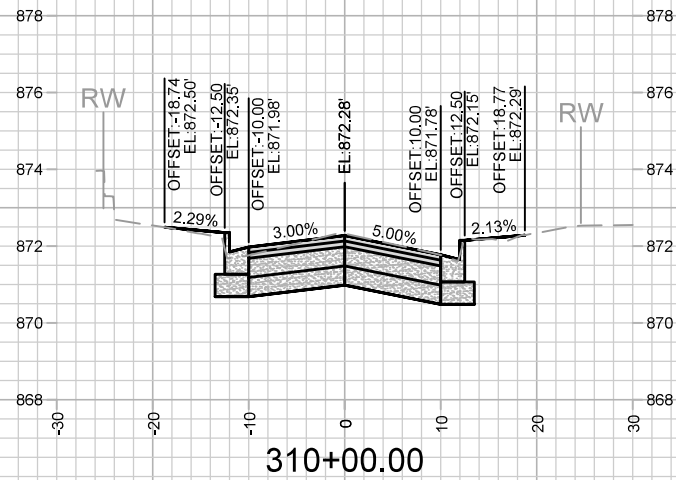
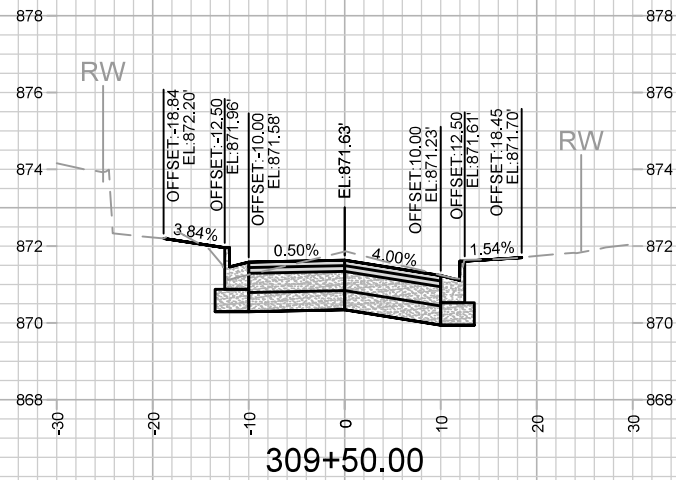


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14075  
 MADISON, WI  
 8659  
 CONTRACT NO:

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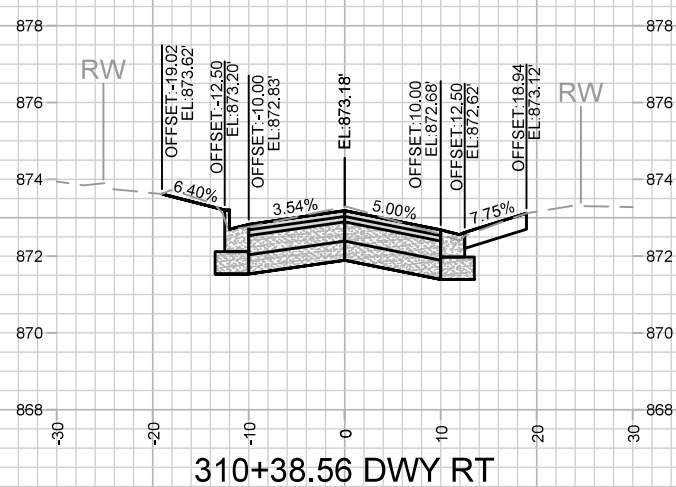
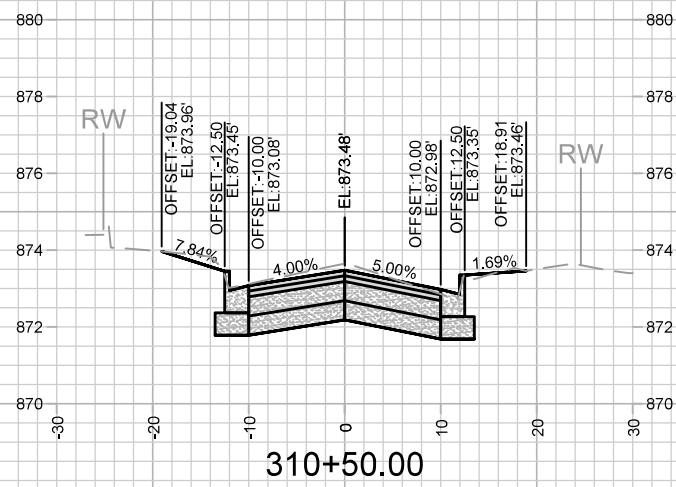
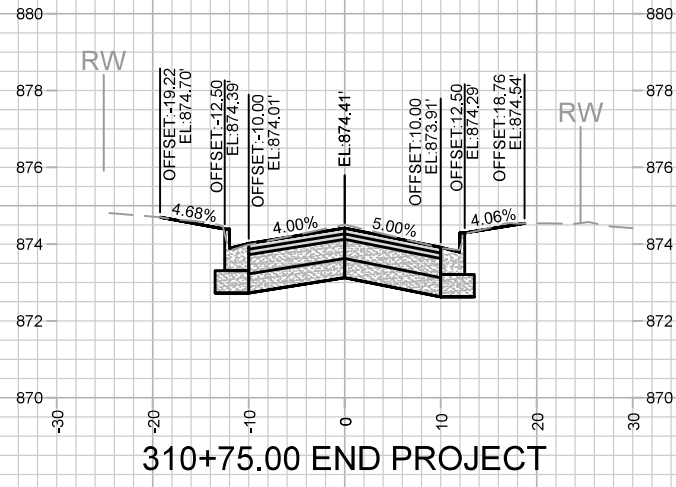


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| Contract No: 8659 |          |                    | X-18            |

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



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 X-18

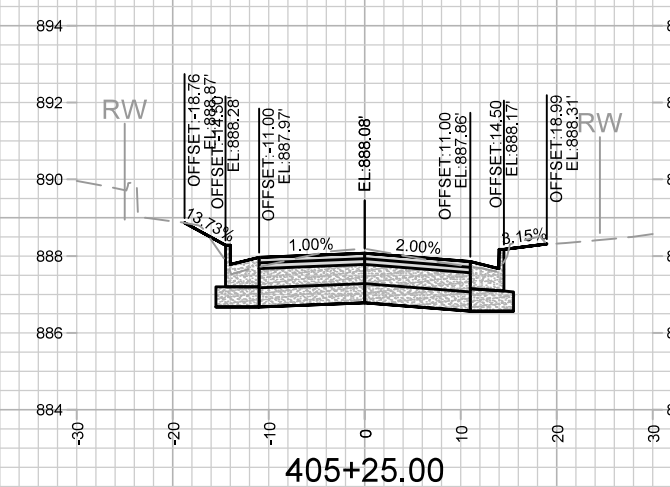
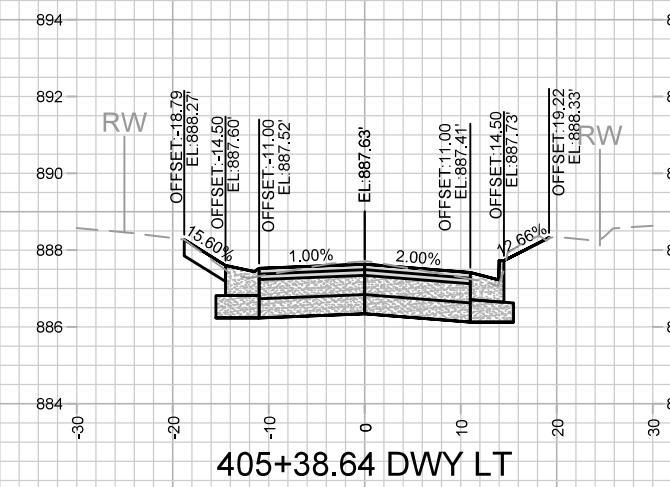
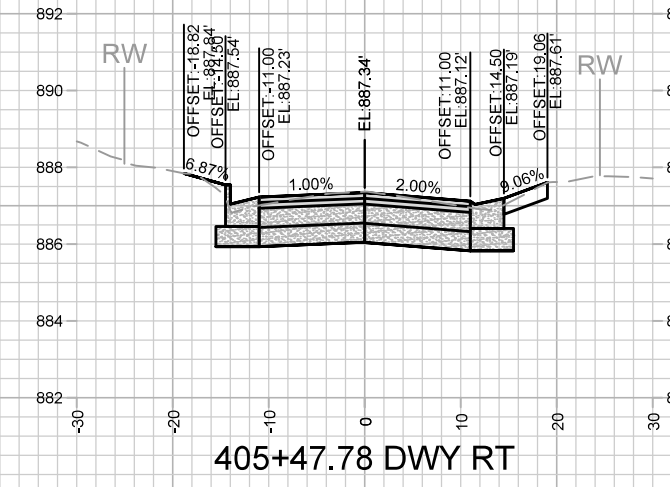
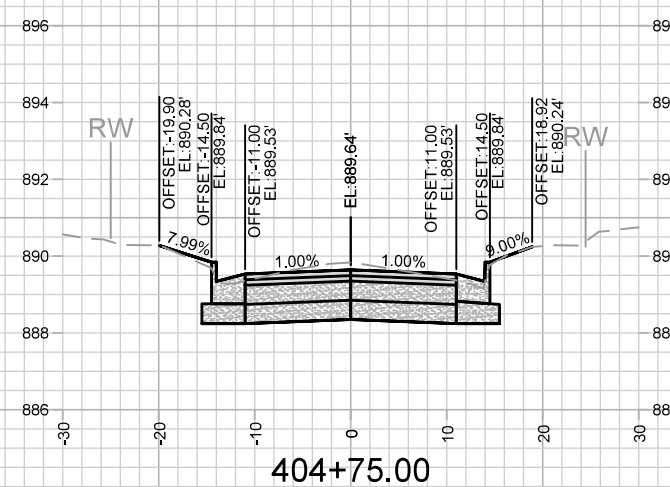
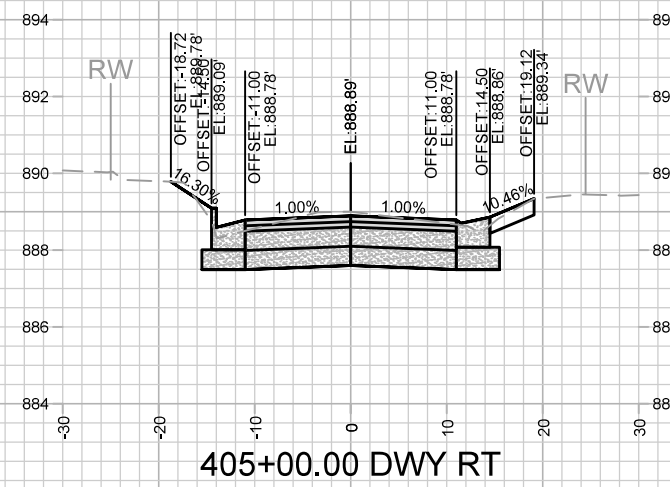
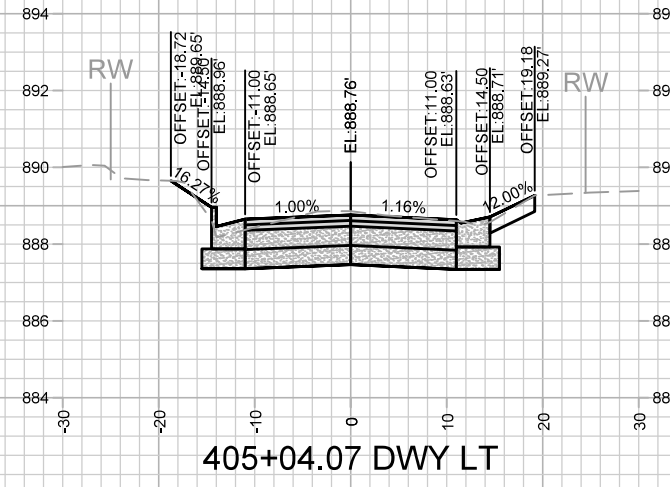
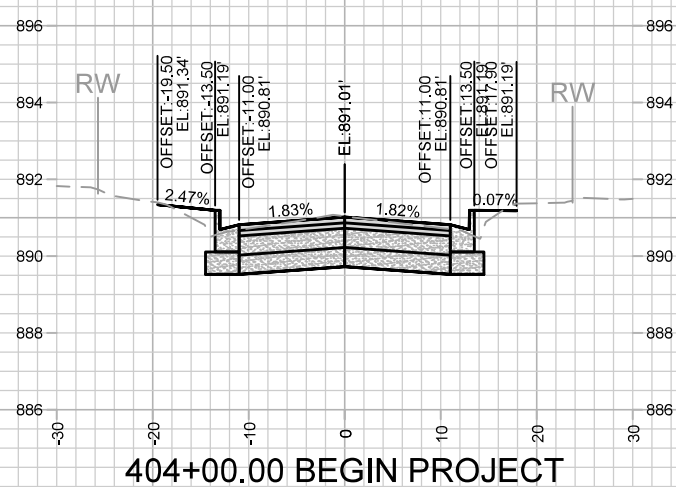
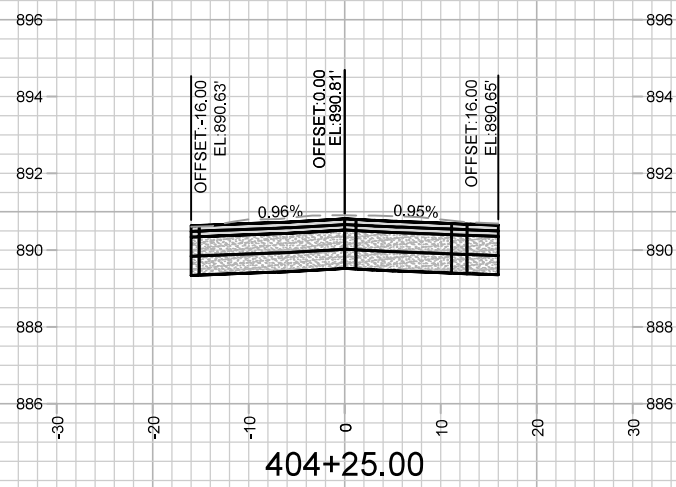
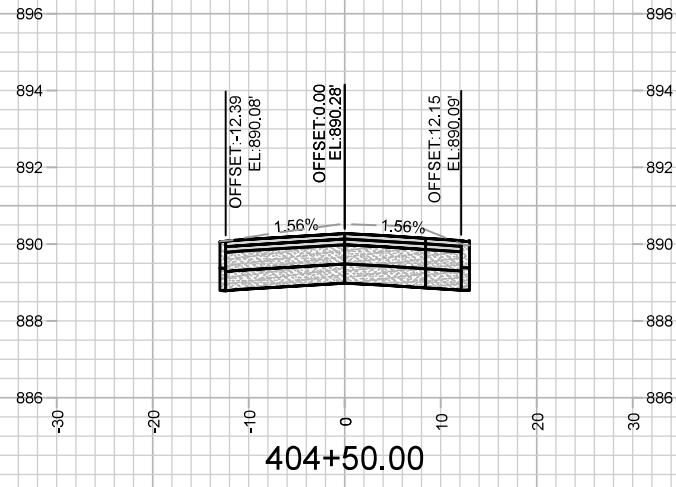


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14075  
 WILLARD AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI  
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 CONTRACT NO: 8659



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 X-19



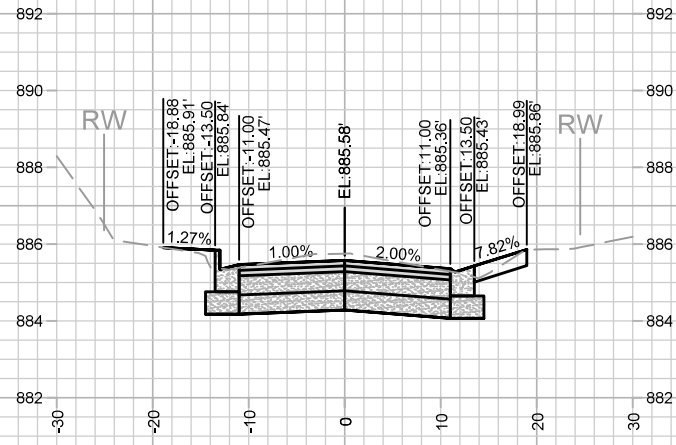
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 MADISON, WI  
 8659  
 CONTRACT NO:

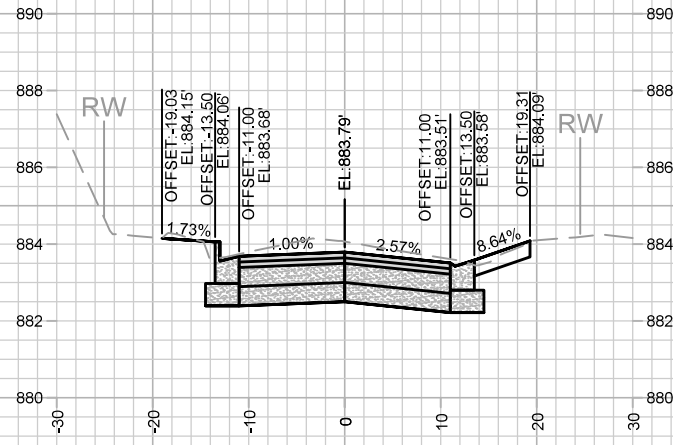
CENTER AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  
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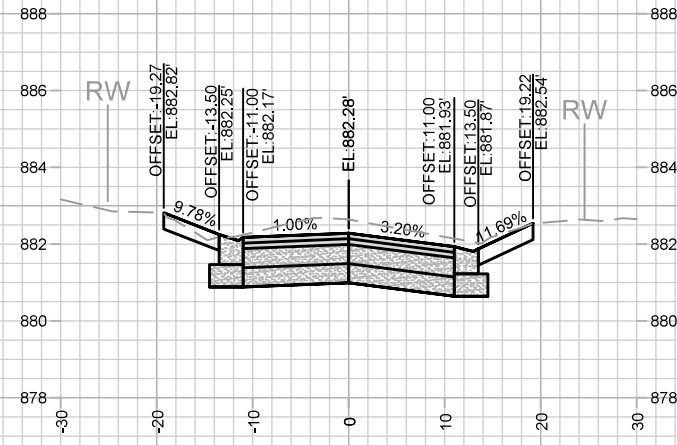
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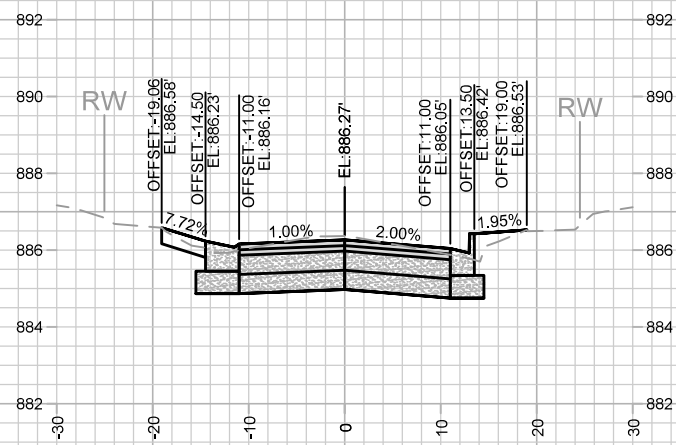
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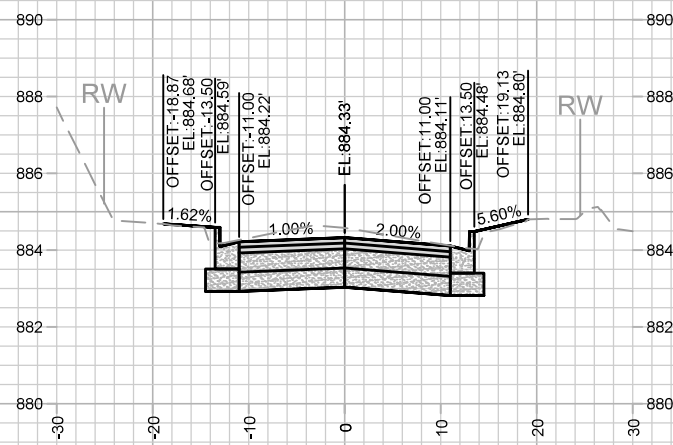
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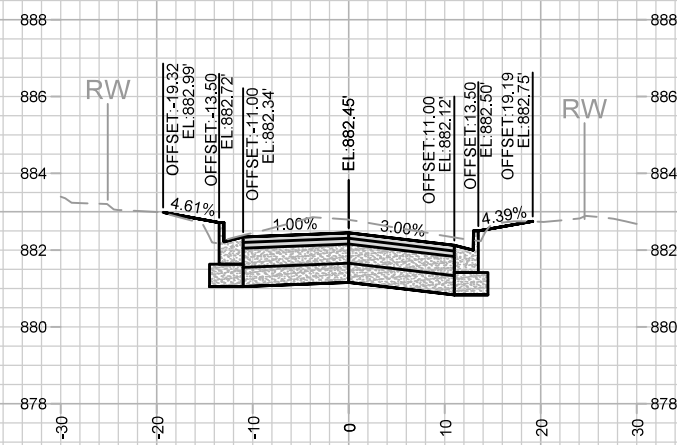
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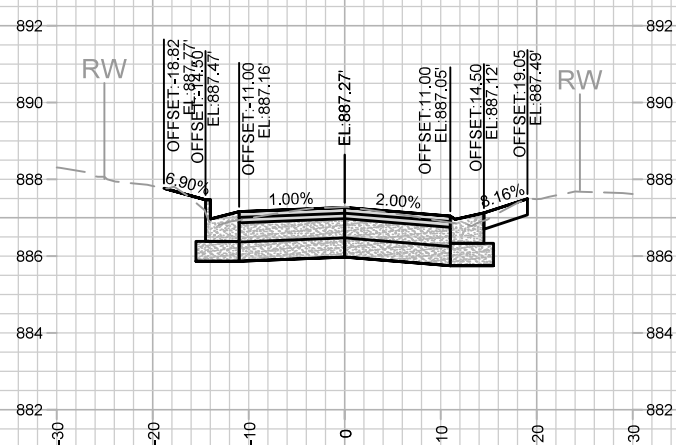
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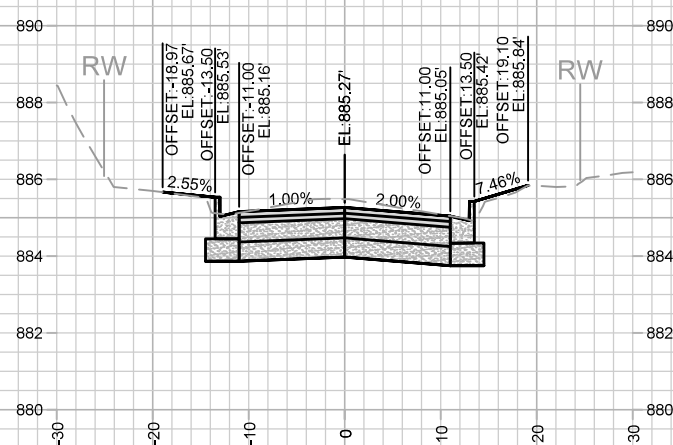
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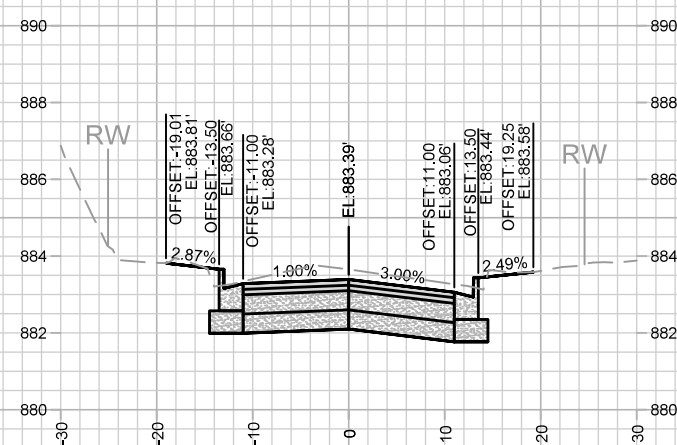
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405+50.00 DWY RT



406+00.00



406+50.00

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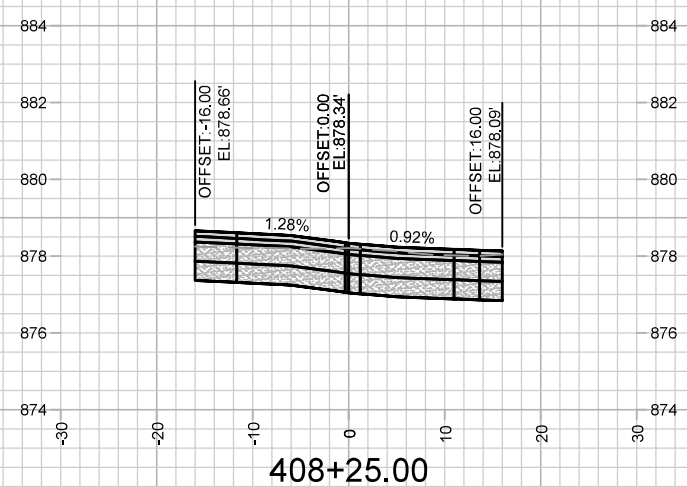
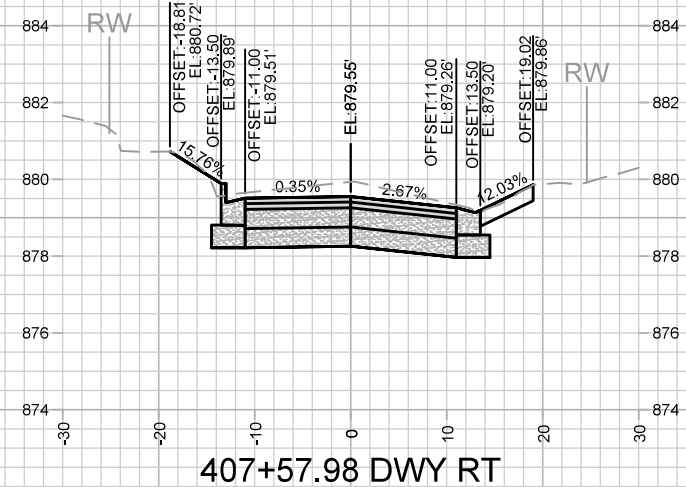
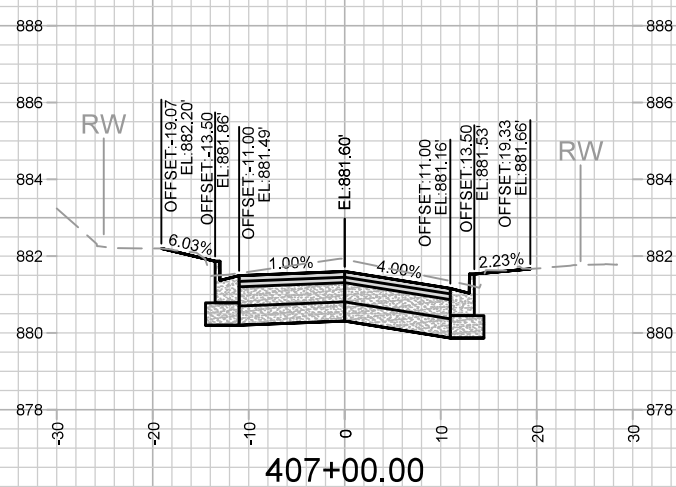
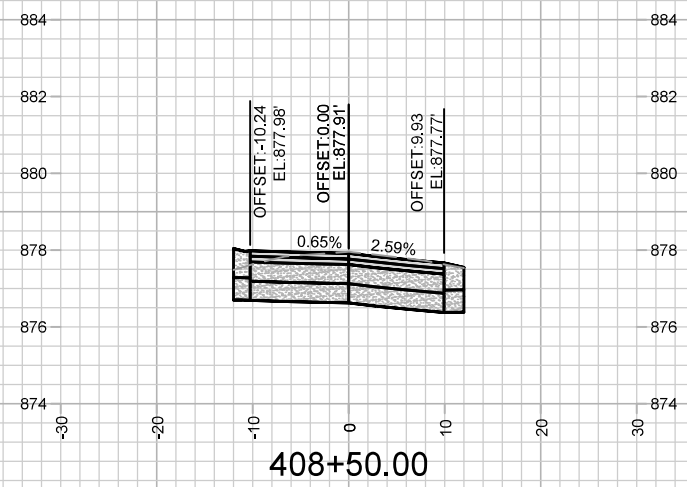
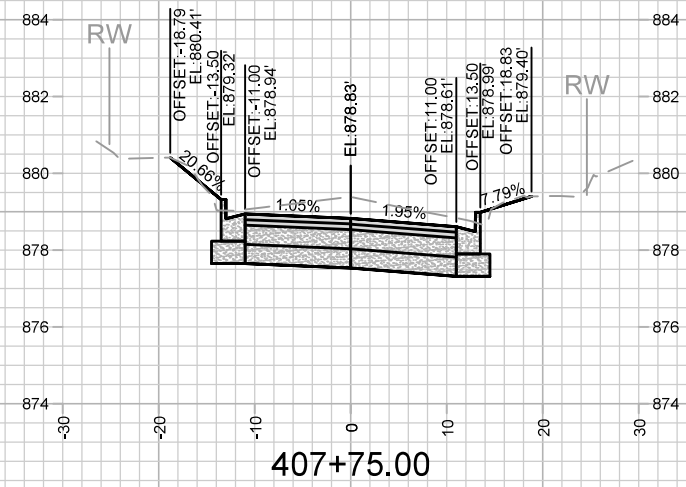
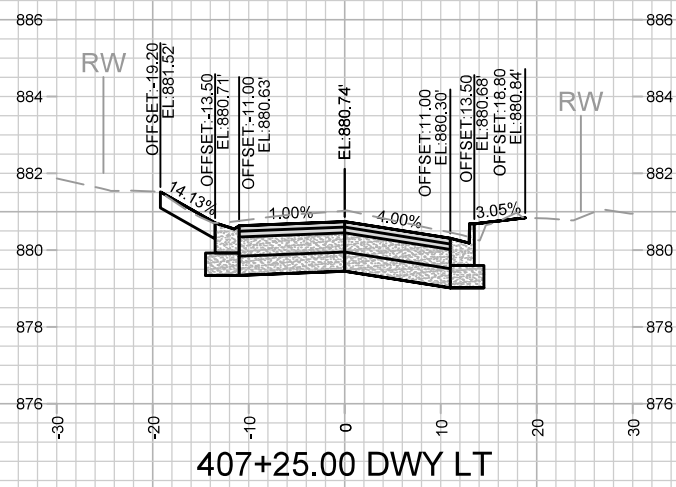
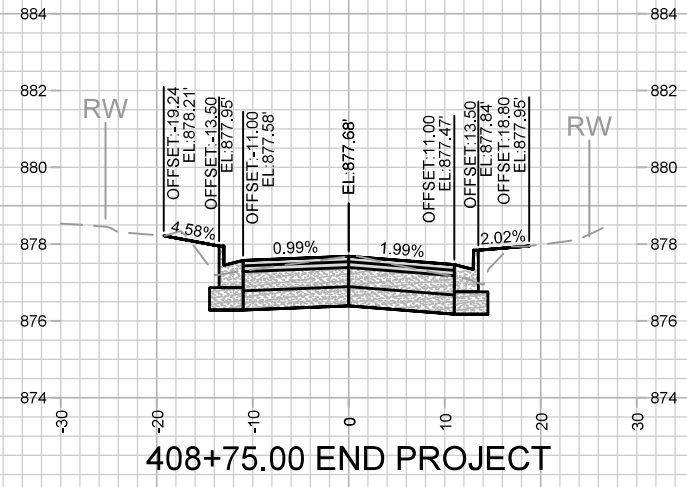
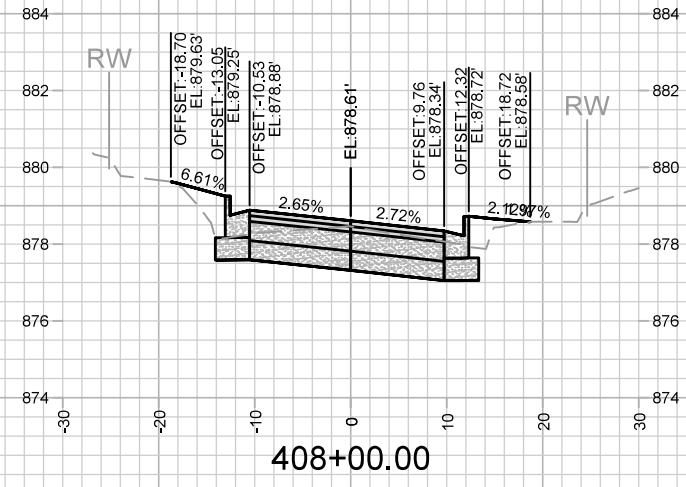
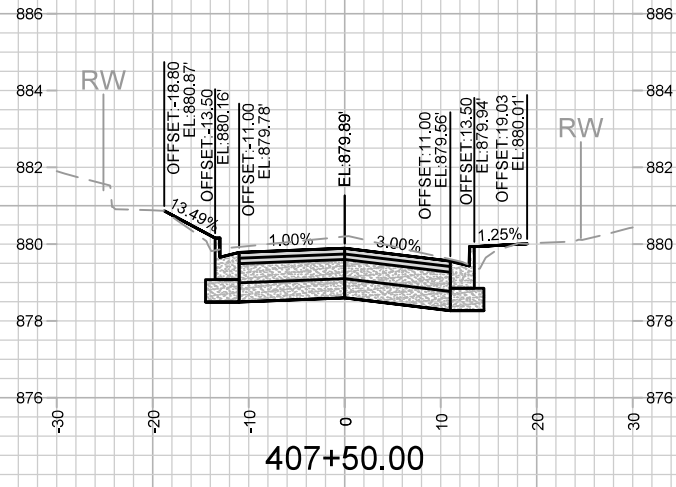
14075  
 MADISON, WI  
 8659  
 CONTRACT NO:

CENTER AVENUE CROSS SECTIONS  
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 Scale: 1" = 20'



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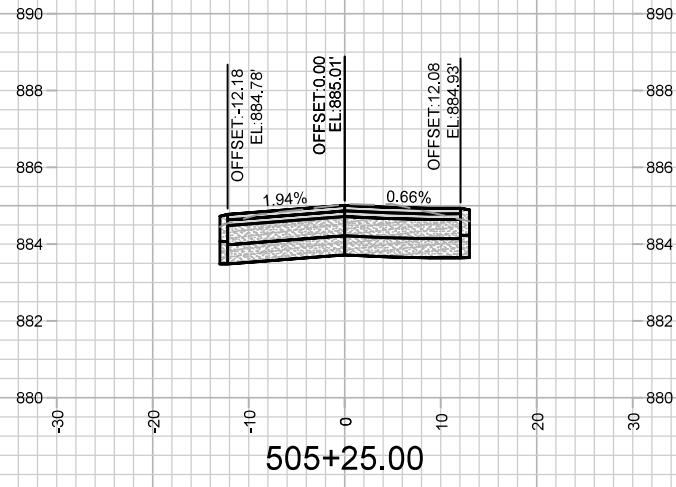


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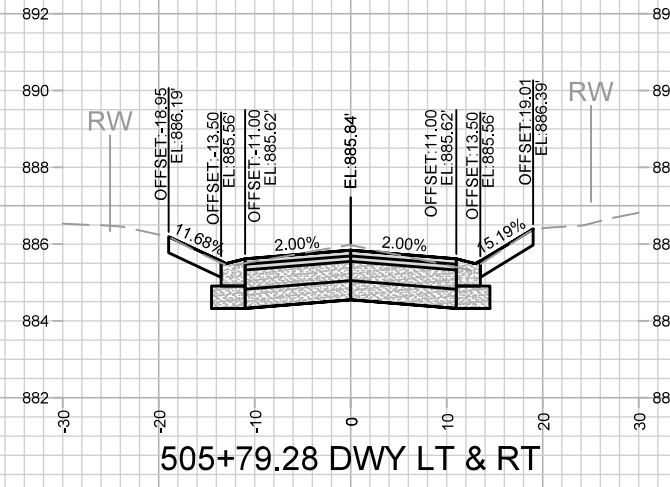
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14075  
 CENTER AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE MADISON, WI  
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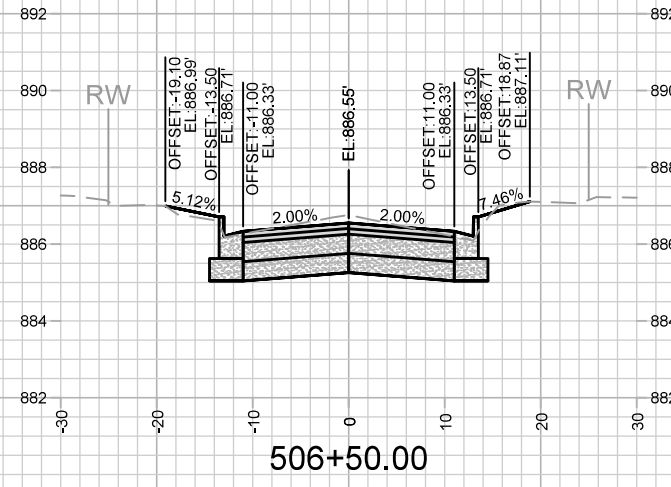




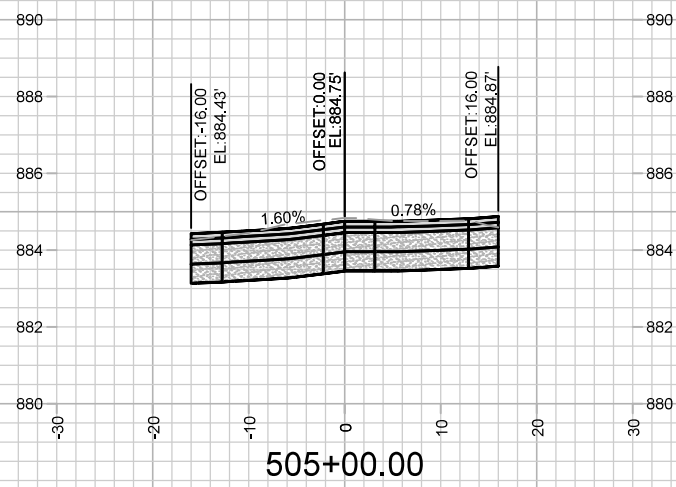
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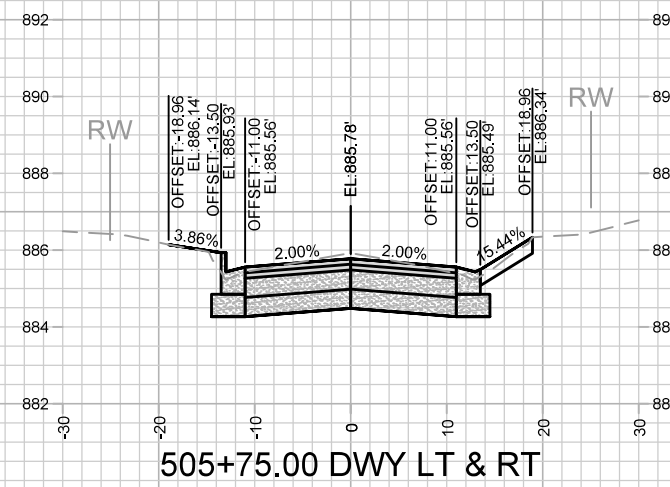
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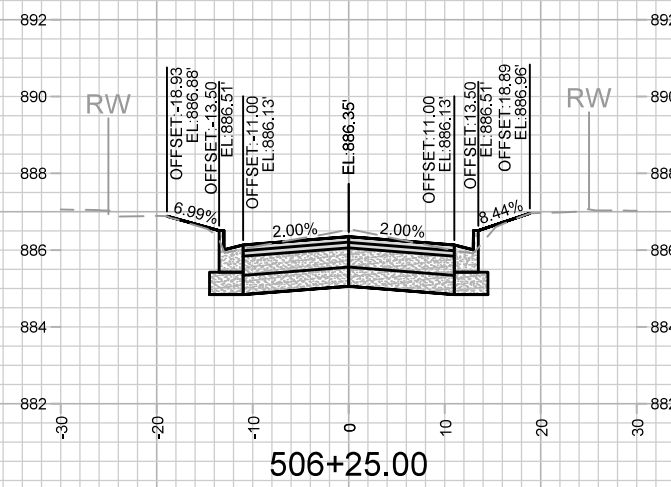
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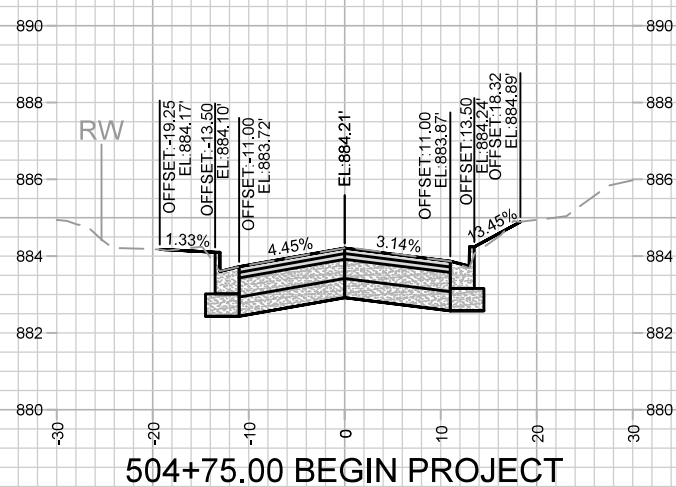
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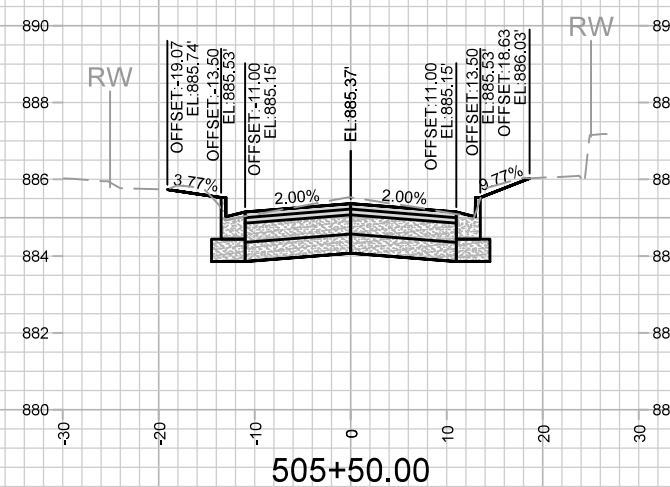
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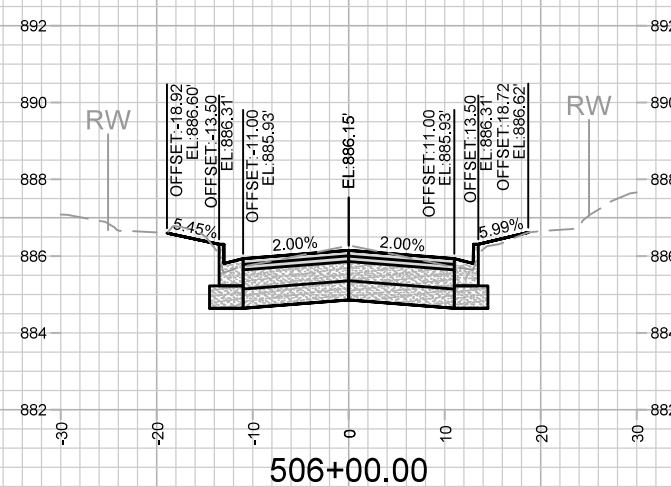
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504+75.00 BEGIN PROJECT



505+50.00



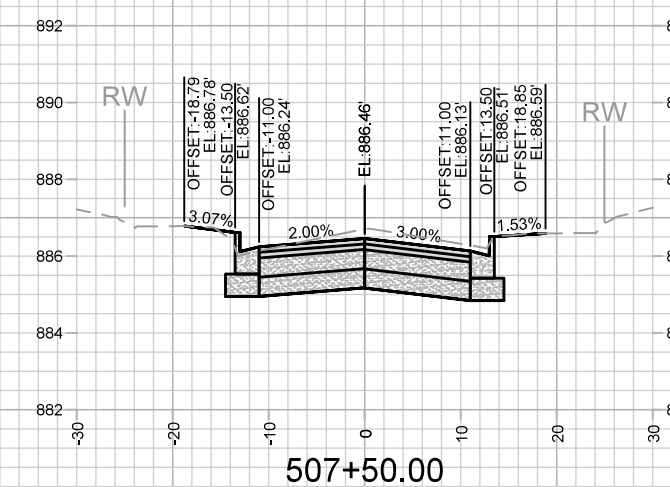
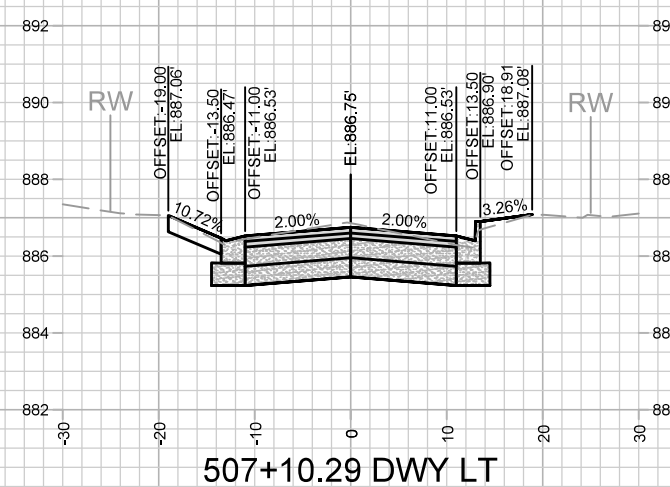
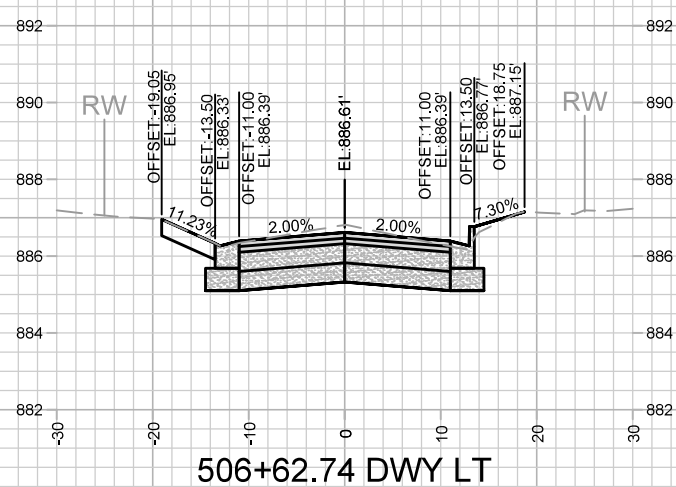
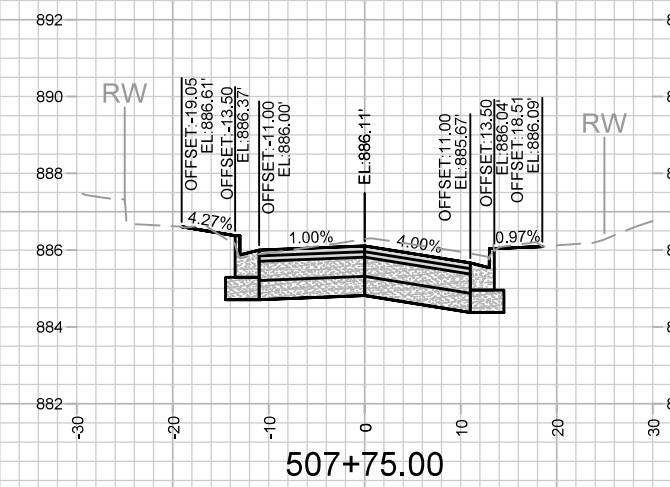
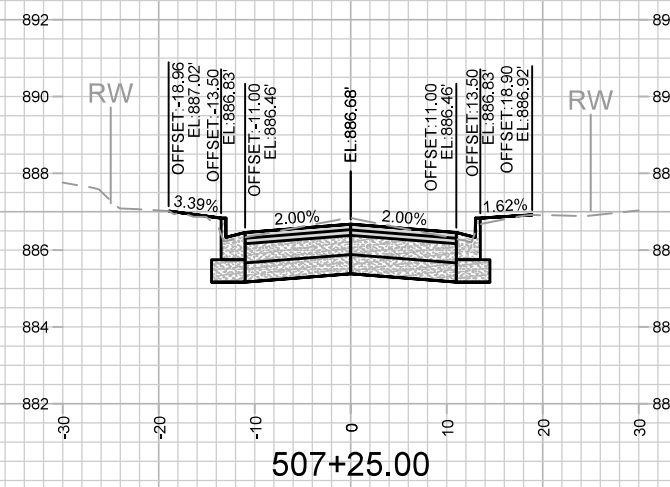
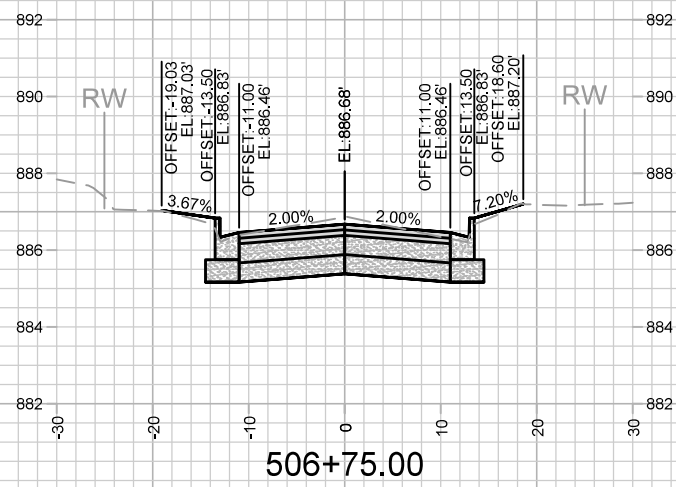
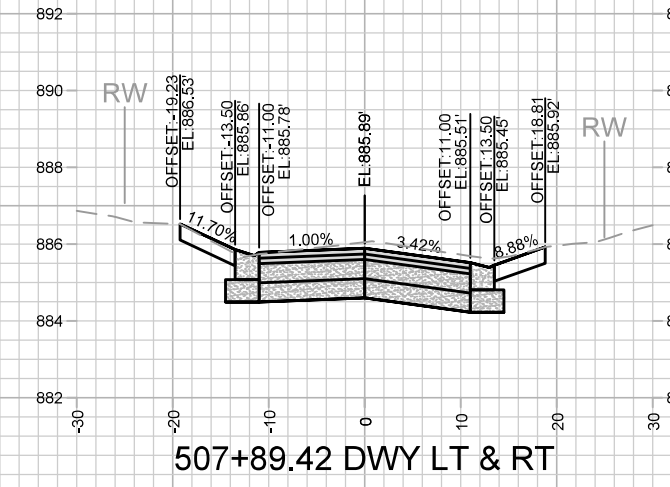
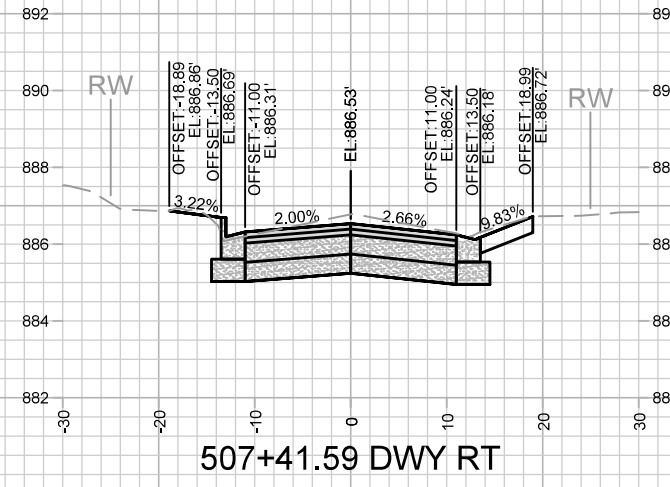
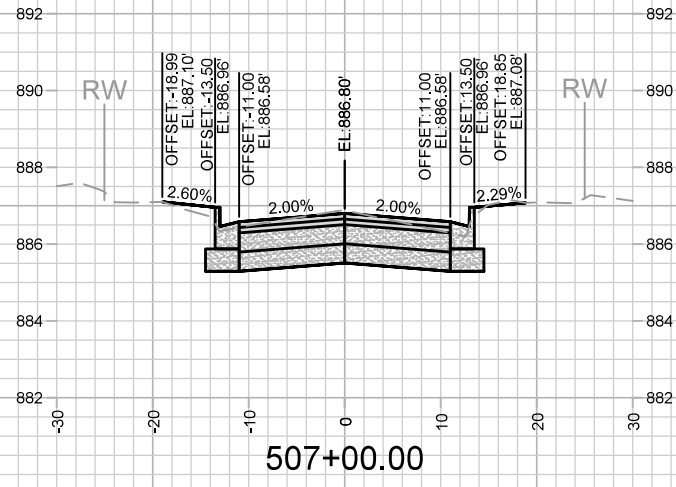
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SOMMERS AVENUE CROSS SECTIONS  
 HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE, MADISON, WI  
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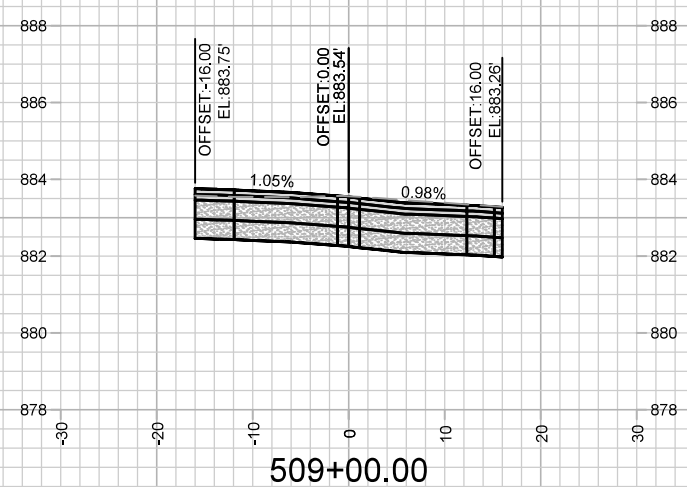
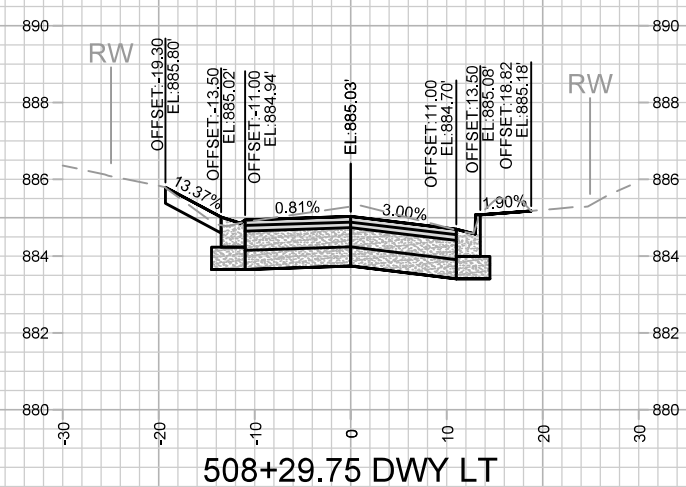
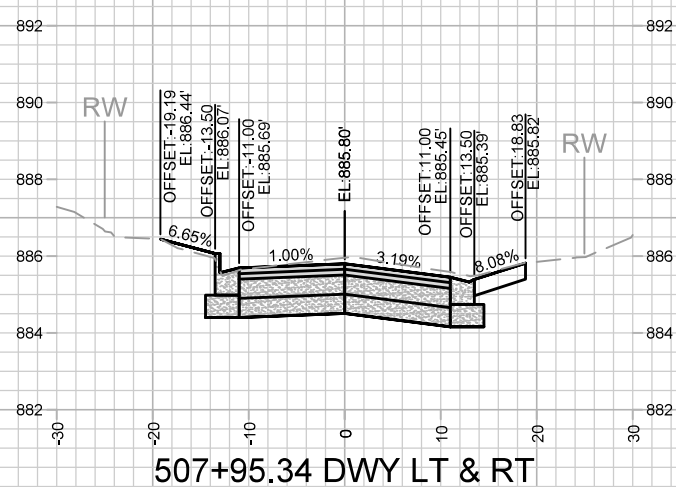
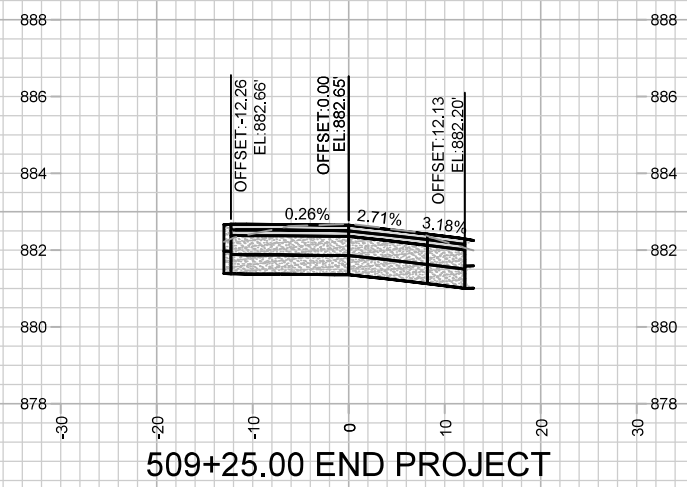
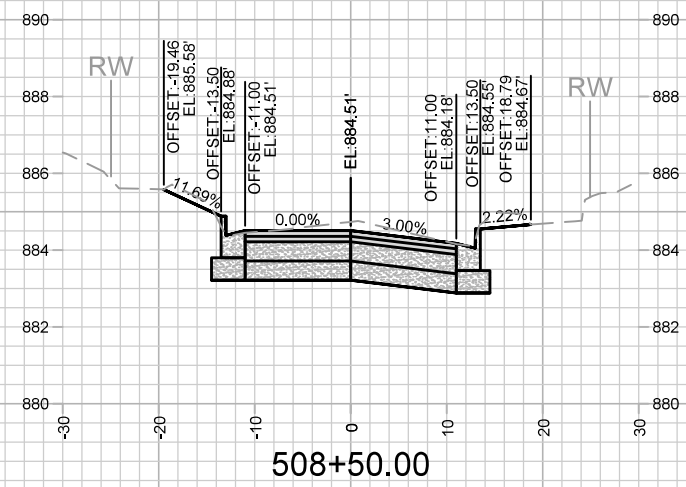
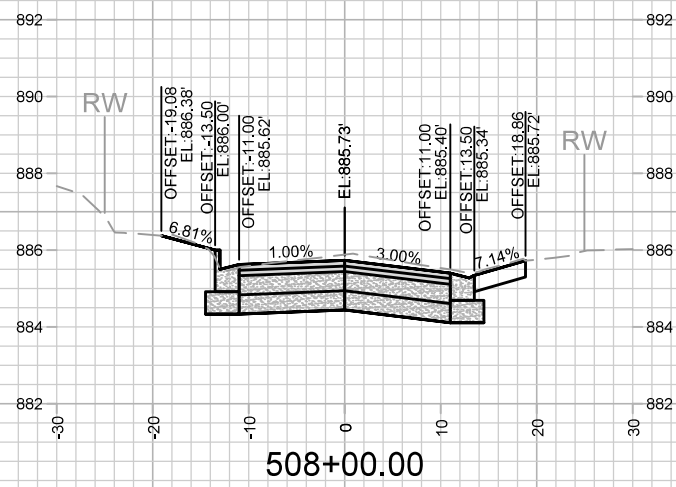
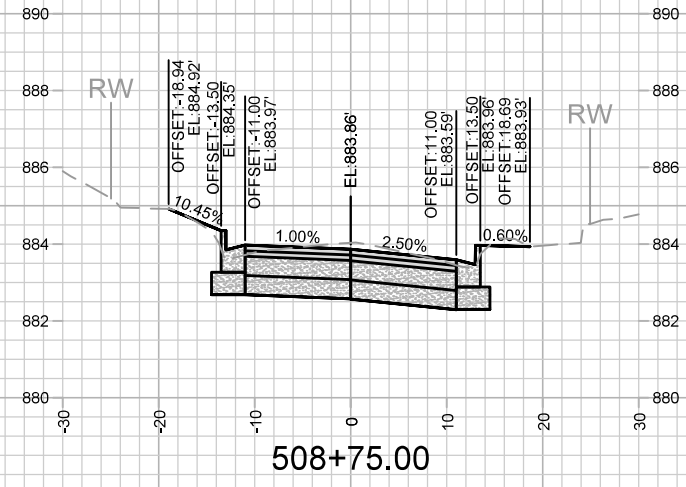
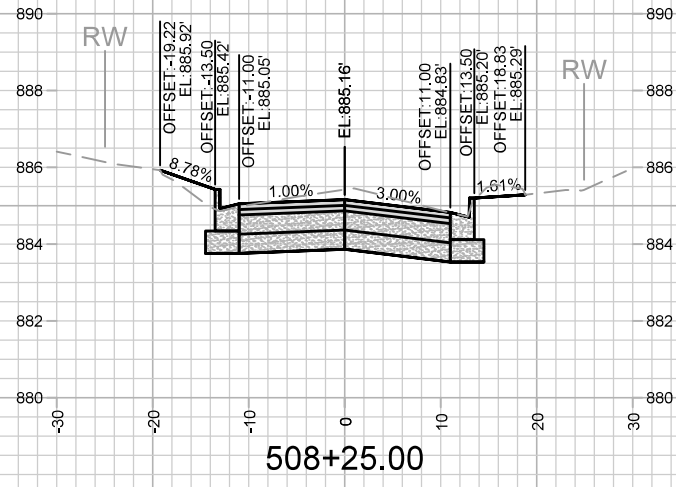


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 SOMMERS AVENUE CROSS SECTIONS  
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MADISON, WI  
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SOMMERS AVENUE CROSS SECTIONS  
HUDSON AVE, MILLER AVE, WILLARD AVE, CENTER AVE, SOMMERS AVE  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