



Madison, Wisconsin

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CITY OF MADISON

CITY ENGINEERING DIVISION

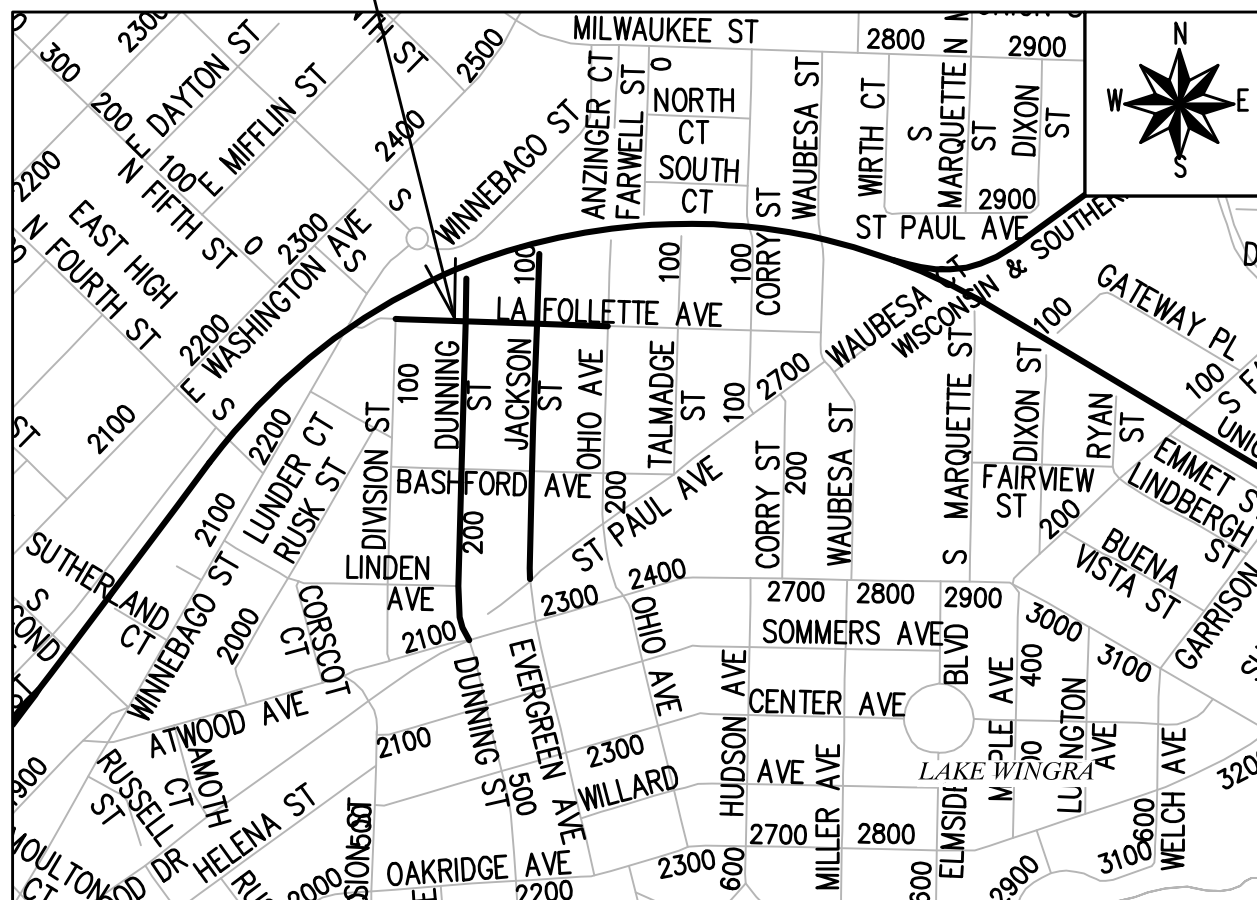
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

DUNNING STREET, JACKSON STREET, AND LAFOLLETTE AVENUE RECONSTRUCTION ASSESSMENT DISTRICT - 2020

PROJECT LOCATION

CITY PROJECT NO. 11190
CONTRACT NO. 8503



EARTH WORK SUMMARY:

EXCAVATION CUT(MEASURED PLAN QUANTITY) = 6,122.00 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT= 3816.00 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT = 9938.00 C.Y.

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

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAPMS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12", SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 1.50%. 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%.

PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: OCTOBER 20, 2020

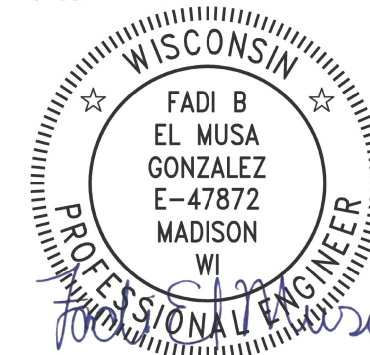
BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Greg Fries Nov 4, 2020

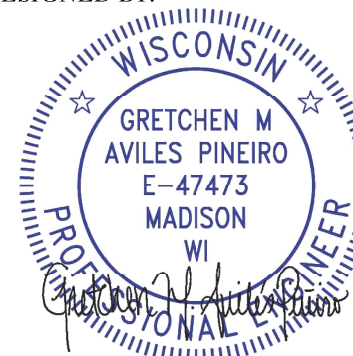
City Engineer Date

STREET DESIGNED BY:



Nov 4, 2020

ELECTRICAL DESIGNED BY:



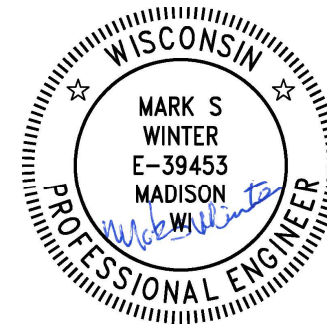
Nov 4, 2020

STORM SEWER DESIGNED BY:



Nov 4, 2020

GEOMETRICS, PAVEMENT MARKINGS & TRAFFIC CONTROL DESIGNED BY:

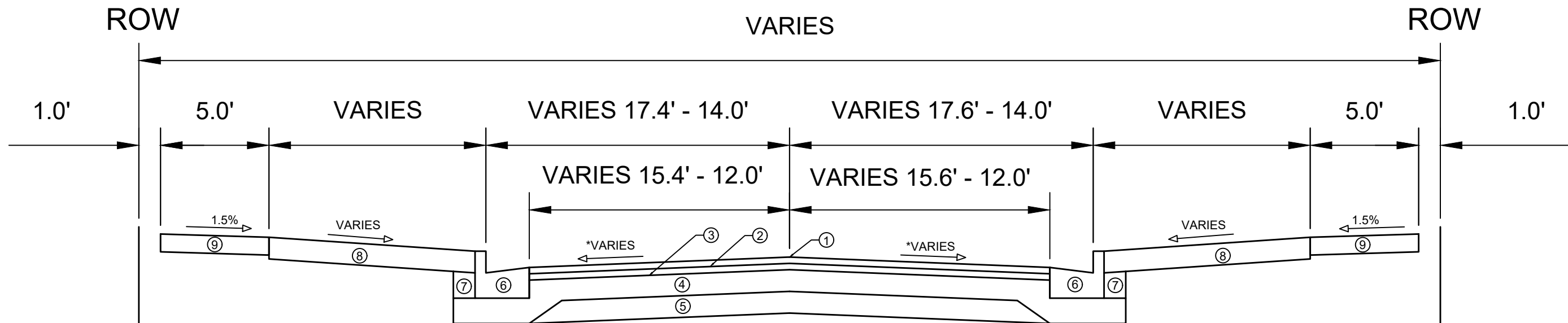


Nov 4, 2020

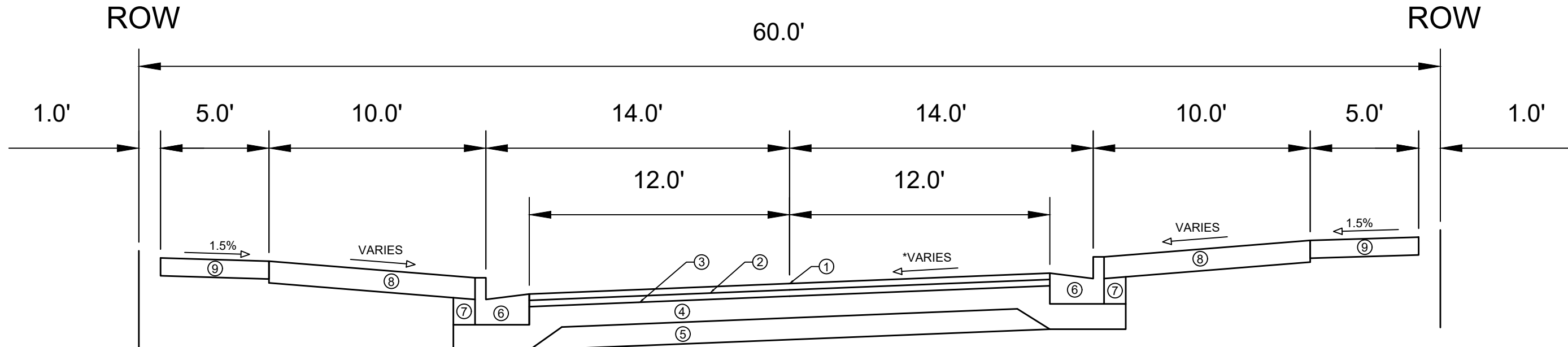
SANITARY SEWER DESIGNED BY:



Nov 4, 2020



TYPICAL SECTION
DUNNING STREET
ATWOOD AVE. TO LINDEN AVE.



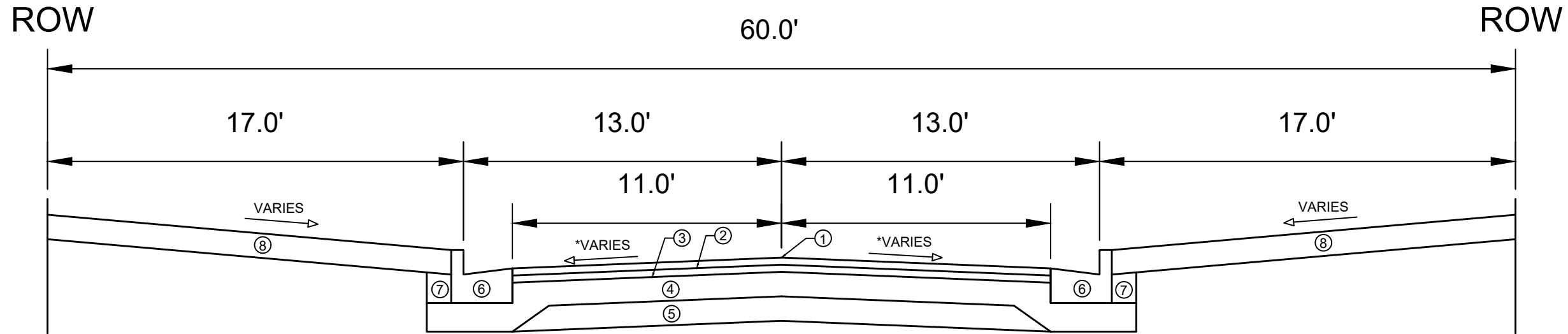
TYPICAL SECTION
LAFOLLETTE AVENUE

- ① POINT REFERRED TO ON PROFILE
- ② 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S
- ③ 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
- ⑥ CONCRETE CURB AND GUTTER TYPE 'A' AND TYPE 'X'.**
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑧ 6" TOPSOIL, SEED, & MAT
- ⑨ 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER

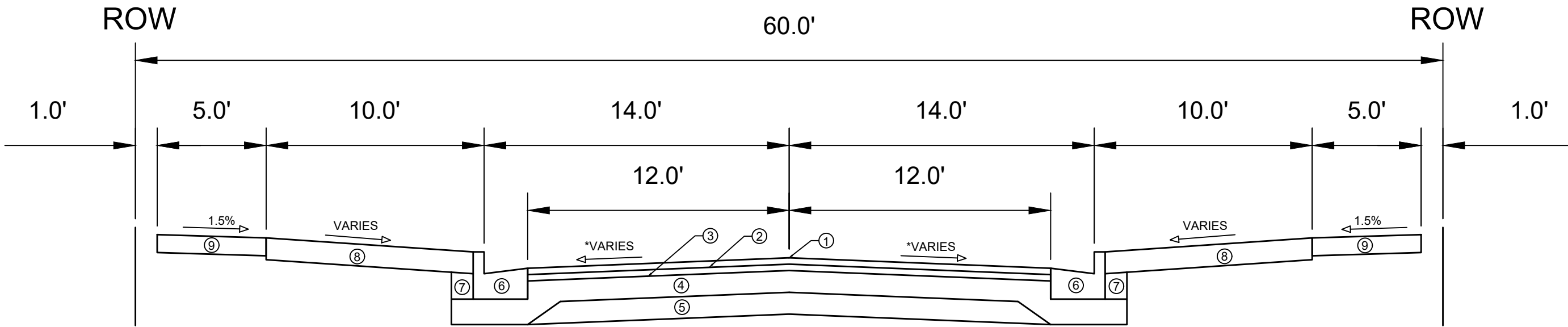
SPECIAL NOTES:

- * SEE X-SHEETS FOR CROSS SLOPES
- ** SEE P-SHEETS FOR CURB AND GUTTER TYPE 'X' LOCATIONS

11190	MADISON, WI	CONTRACT NO: 8503	D-1
TYPICAL SECTION			
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION			
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11190			
D-1			



TYPICAL SECTION
DUNNING STREET
LAFOLLETTE AVE. TO RAILROAD



TYPICAL SECTION
DUNNING STREET
LINDEN AVE. TO LAFOLLETTE AVE.

SPECIAL NOTES:

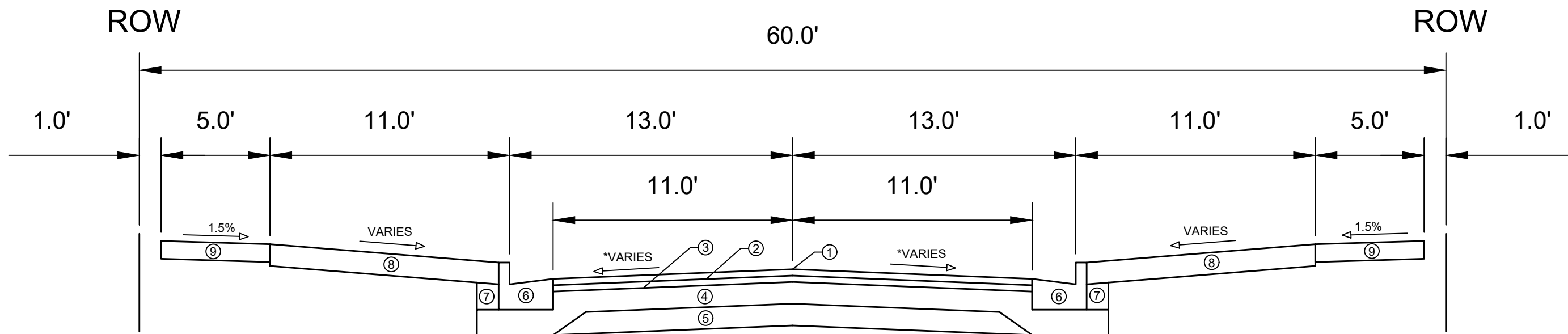
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MARK	REVISION	DATE	BY
11190	10/27/2020	10:05 AM	D-2

11190
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
MADISON, WI
CONTRACT NO: 8503
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TYPICAL SECTION
JACKSON STREET

SPECIAL NOTES:

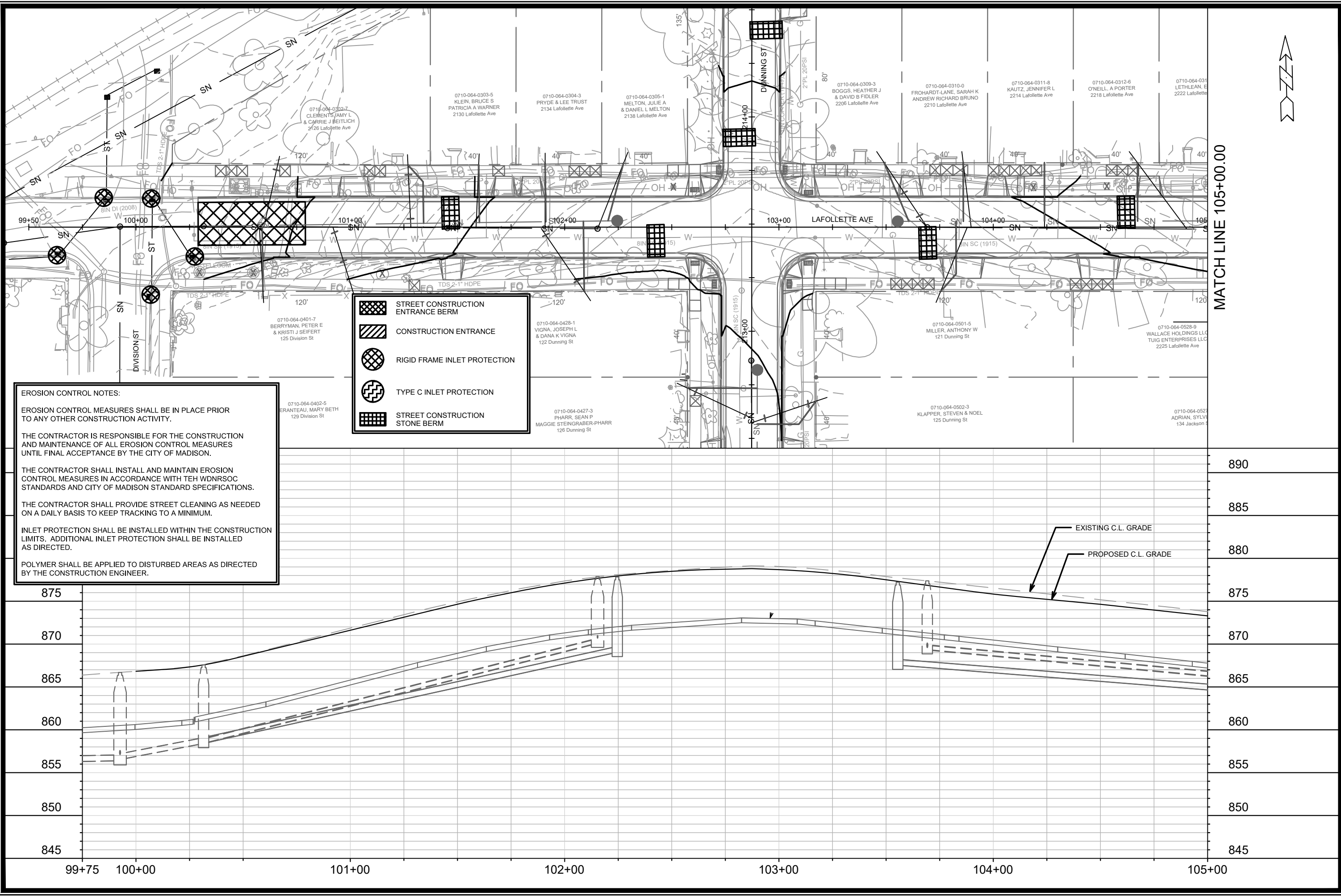
- * SEE X-SHEETS FOR CROSS SLOPES
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MARK	REVISION	DATE	BY
11190	10/27/2020	10:05 AM	Scale: D-3

11190
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
MADISON, WI
CONTRACT NO: 8503
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EROSION CONTROL NOTES:

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






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

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

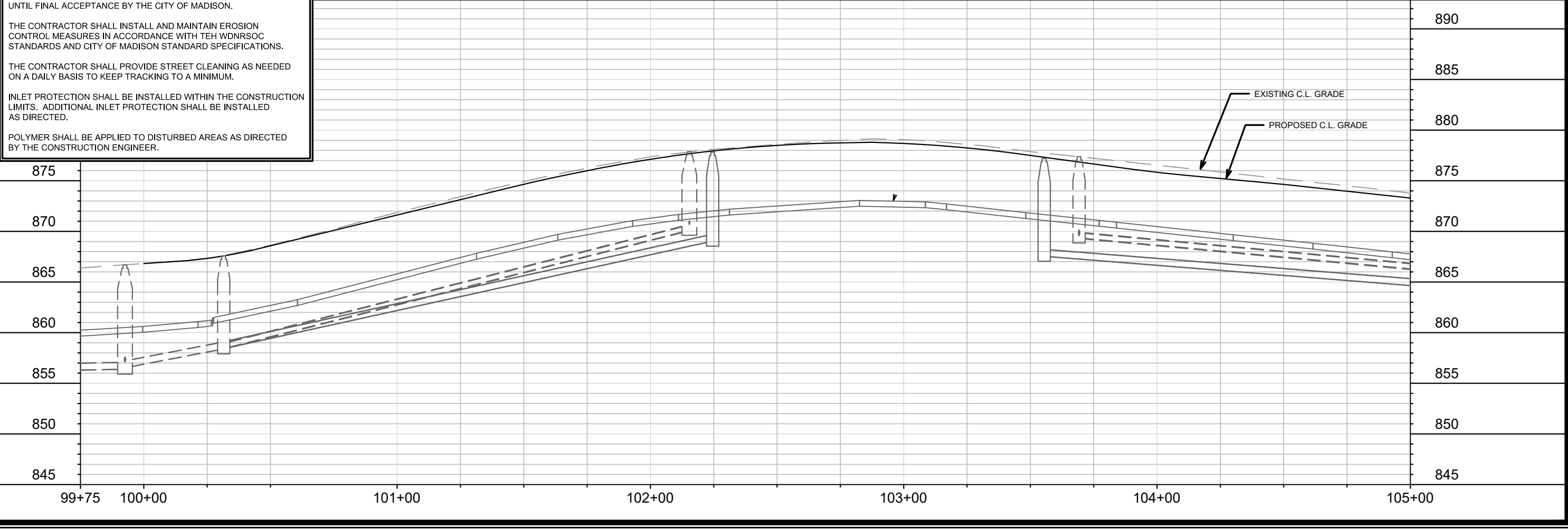
THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.


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

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

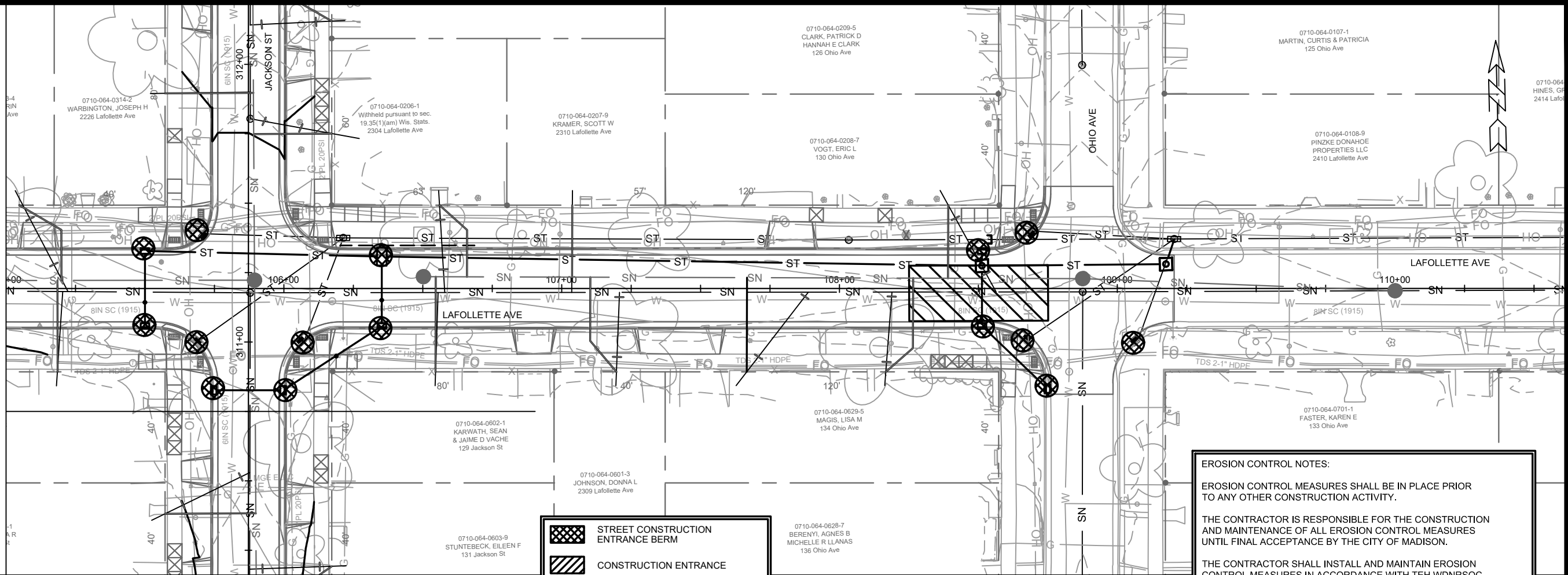
-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM

MATCH LINE 105+00.00



11190	MADISON, WI	8503	11190	EC-1
EROSION CONTROL PLAN		CONTRACT NO.:		
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION		11190EC-Plans.dwg		
		11190		
11190		EC-1		

MATCH LINE 105+00.00



	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	RIGID FRAME INLET PROTECTION
	TYPE C INLET PROTECTION
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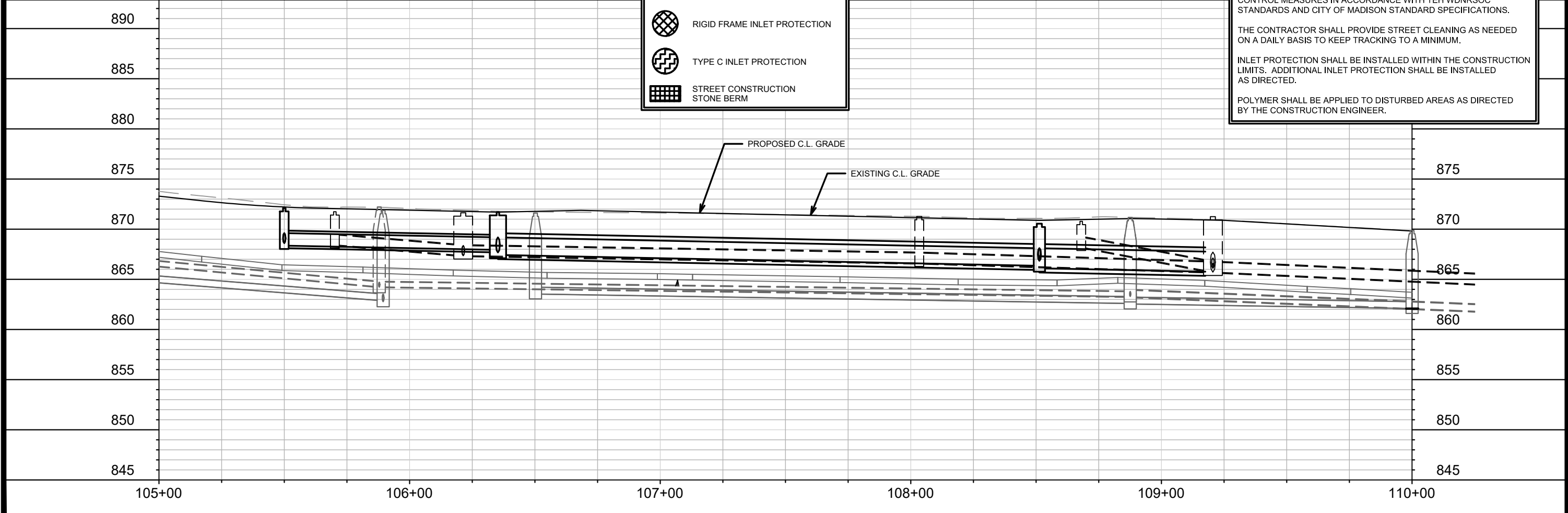
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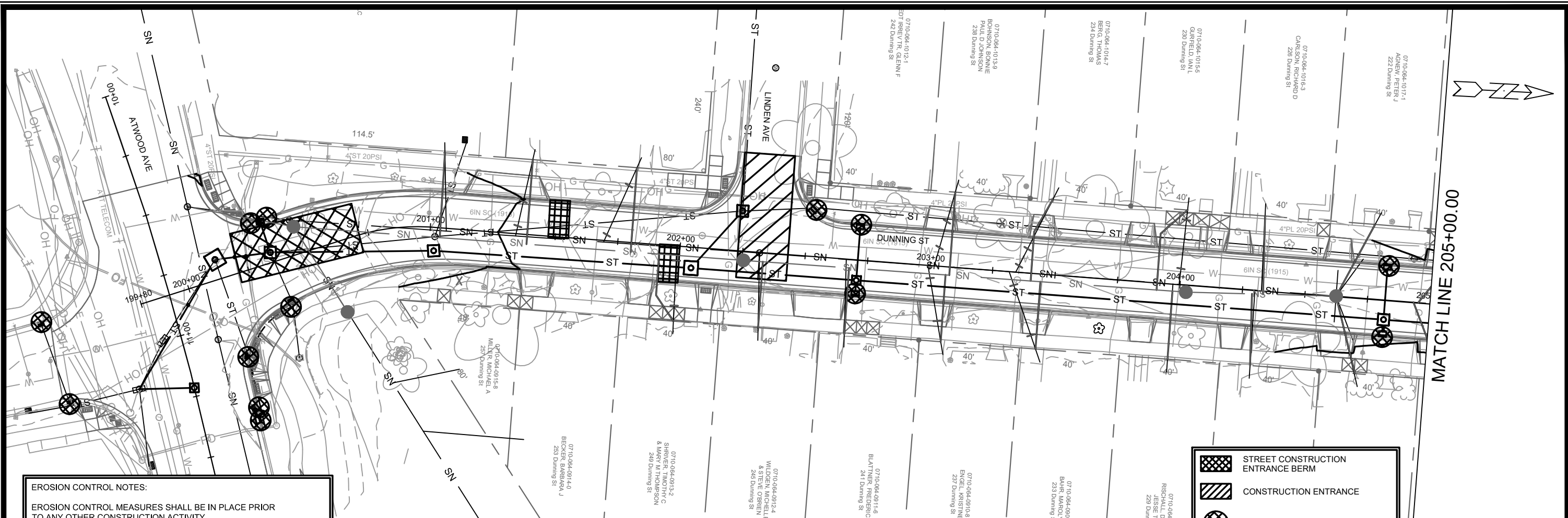
11190
MADISON, WI
8503

CONTRACT NO:

EROSION CONTROL PLAN
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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11190
EC-2



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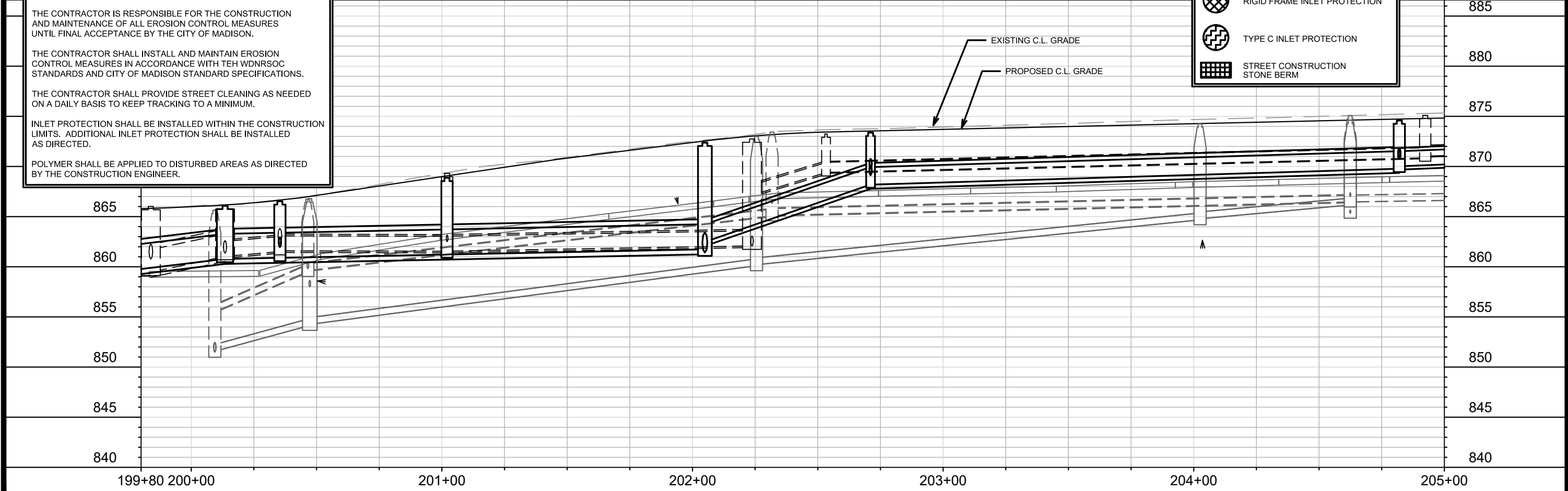
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	CONSTRUCTION ENTRANCE
	RIGID FRAME INLET PROTECTION
	TYPE C INLET PROTECTION
	STREET CONSTRUCTION STONE BERM



MATCH LINE 205+00.00

DATE	REVISION
10/30/2020 8:02 AM	
MARK	11190
Scale: 1" = 1' = 40'	
Designed By: FBEC	

11190
 MADISON, WI
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 CONTRACT NO: 8503
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EROSION CONTROL PLAN

11190
 EC-3

MATCH LINE 205+00.00

MATCH LINE 210+00.00

CONTRACTOR SHALL REM & REP SIDEWALK AND CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES & 20 LF CURB PER LATERAL)

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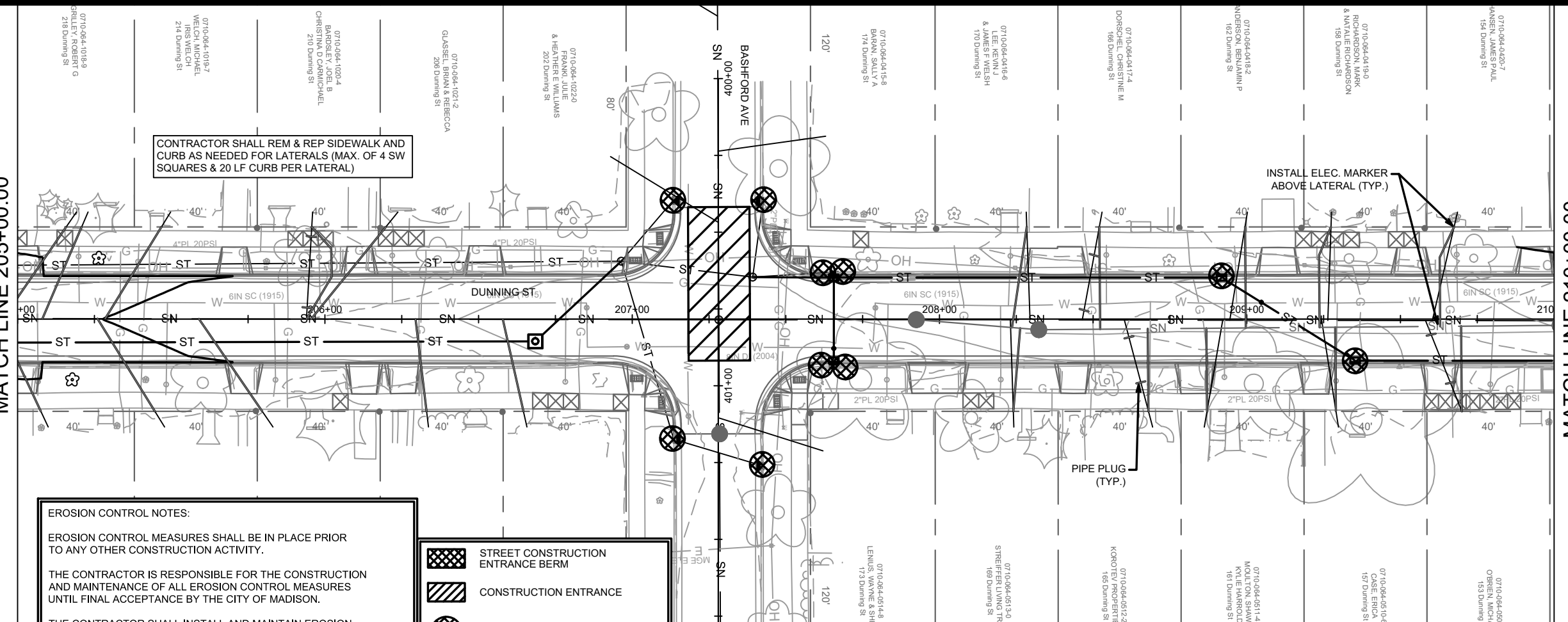
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-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
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895
890
885
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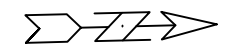
895
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885
880
875
870
865
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855
850

205+00 206+00 207+00 208+00 209+00 210+00



EXISTING C.L. GRADE






PROPOSED C.L. GRADE



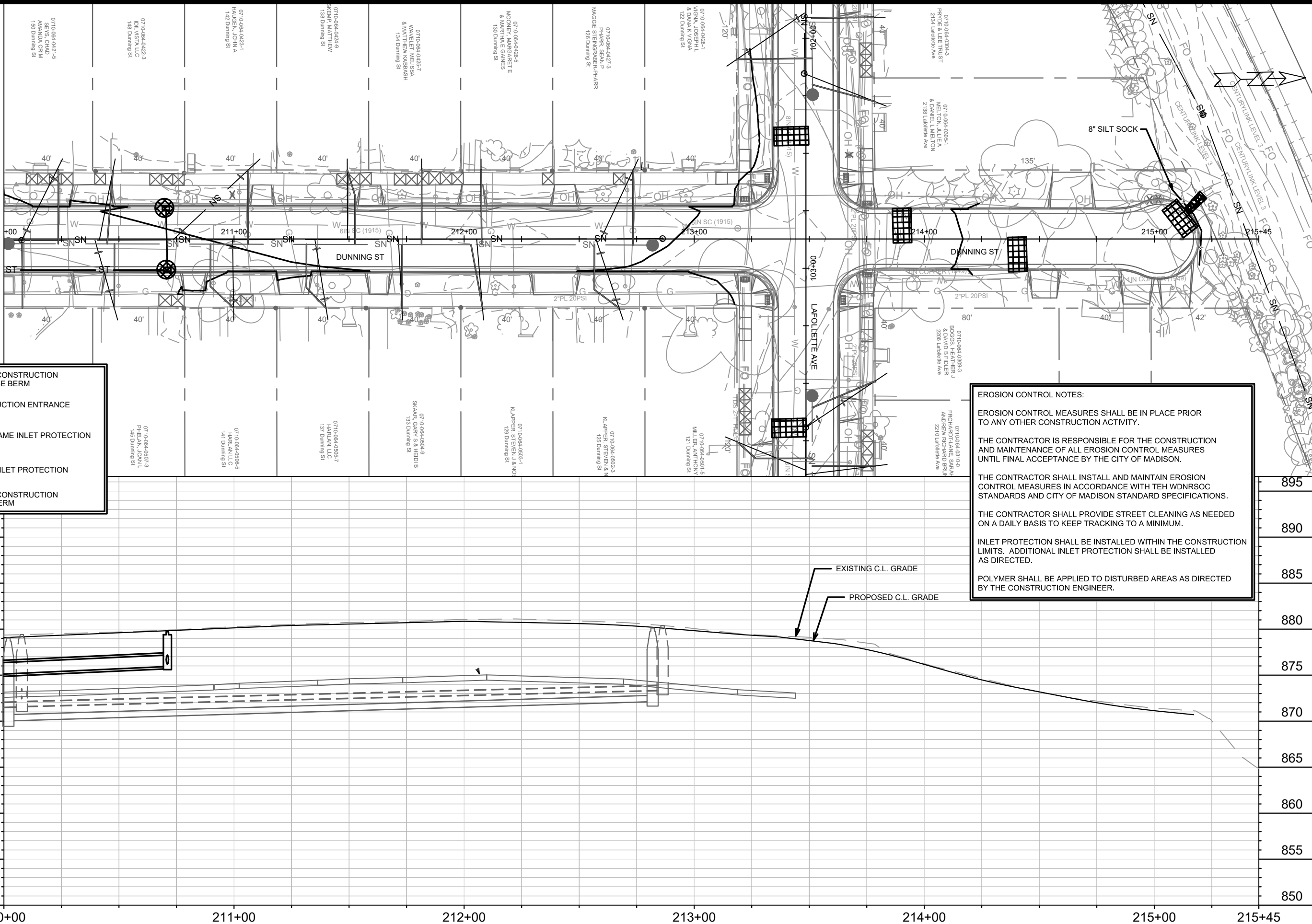
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Contract No: 8503			EC-4

11190
MADISON, WI
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
CONTRACT NO: 8503

MATCH LINE 210+00.00

	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
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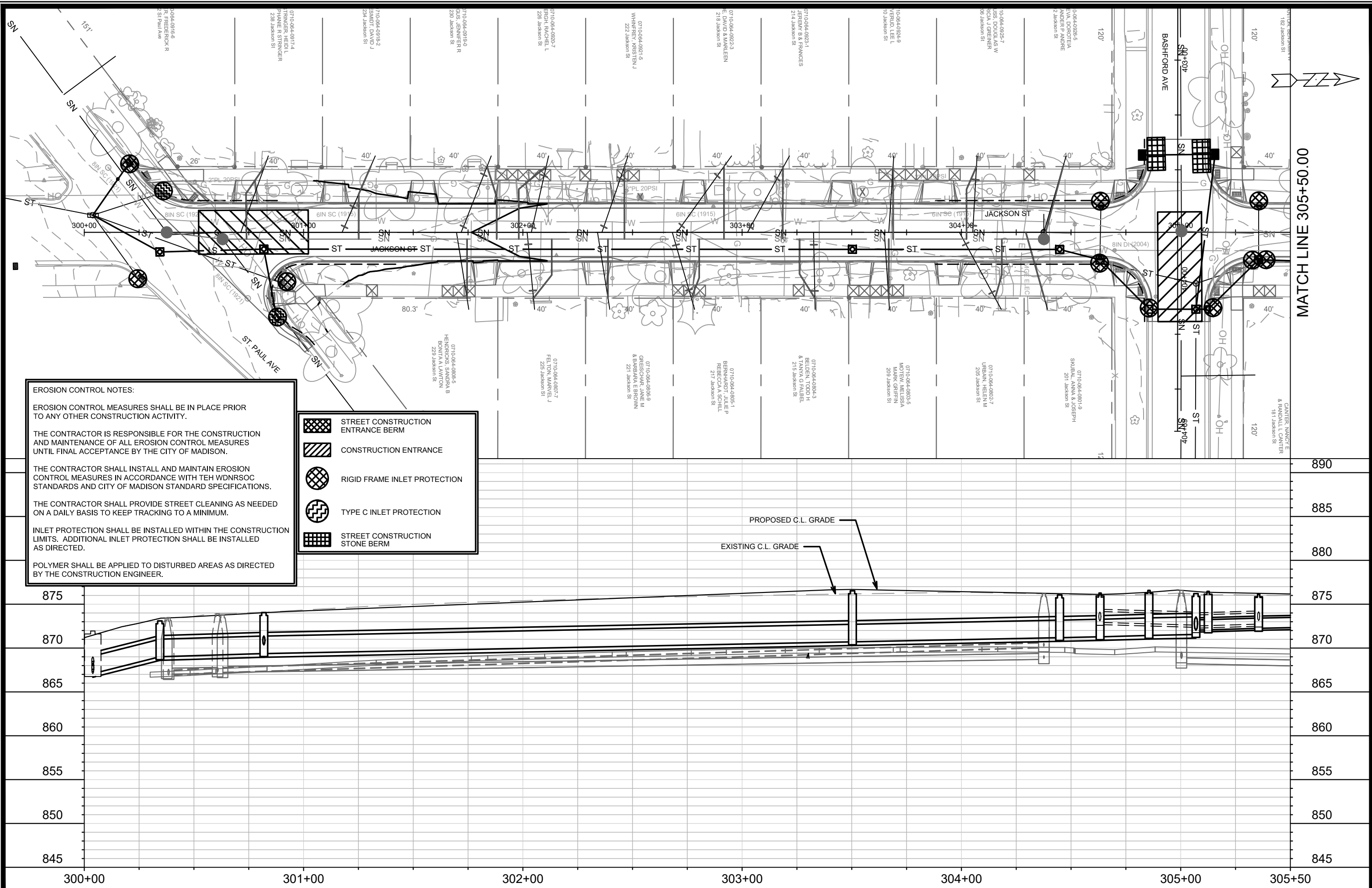
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PROPOSED C.L. GRADE

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11190
MADISON, WI
CONTRACT NO: 8503
EROSION CONTROL PLAN
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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11190
EC-5



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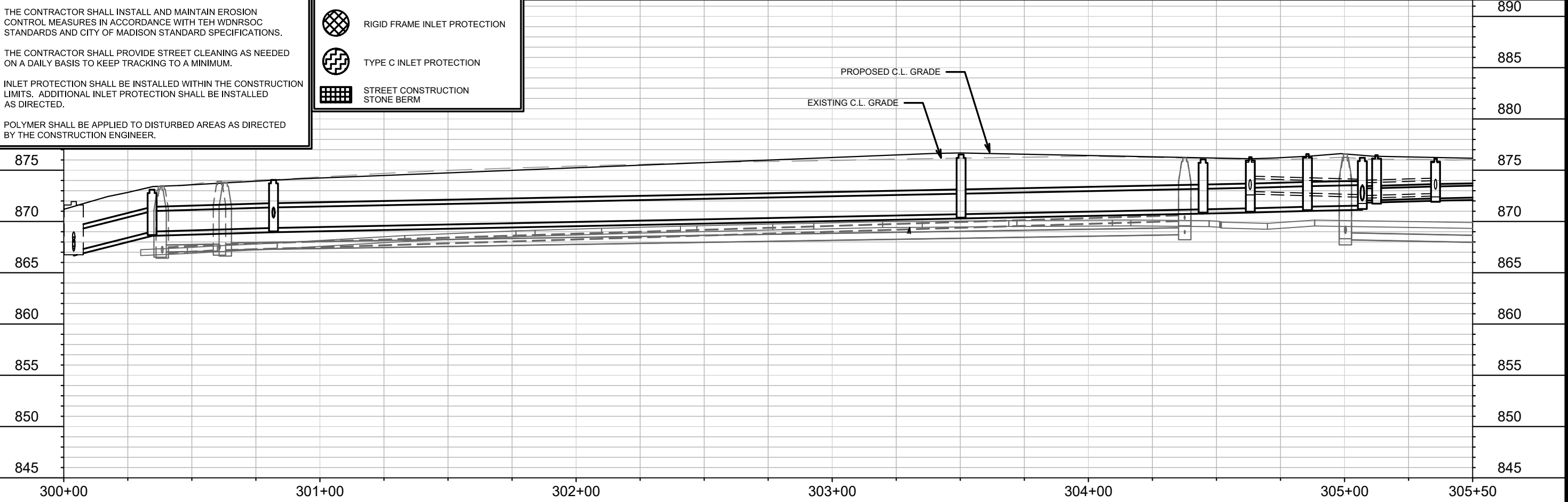
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-  CONSTRUCTION ENTRANCE
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  STREET CONSTRUCTION STONE BERM



MATCH LINE 305+50.00

11190	11190
EC-6	11190
Scale: 1" = 40'	Scale: 1" = 40'
Designed By: FBECJ	Date: 10/30/2020 8:05 AM
REVISION	MARK
DATE	DATE

11190

MADISON, WI

CONTRACT NO: 8503

EROSION CONTROL PLAN

DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION

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11190

EC-6

MATCH LINE 305+50.00

MATCH LINE 310+75.00

-  STREET CONSTRUCTION ENTRANCE BERM
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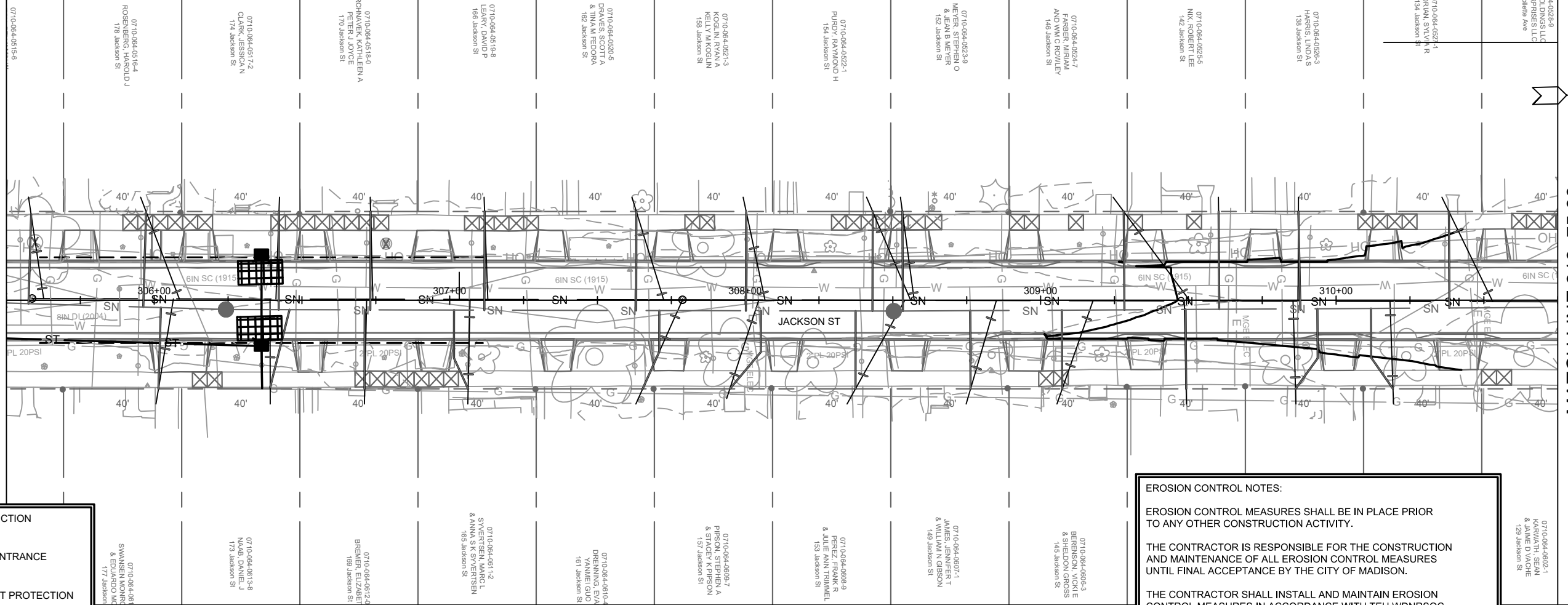
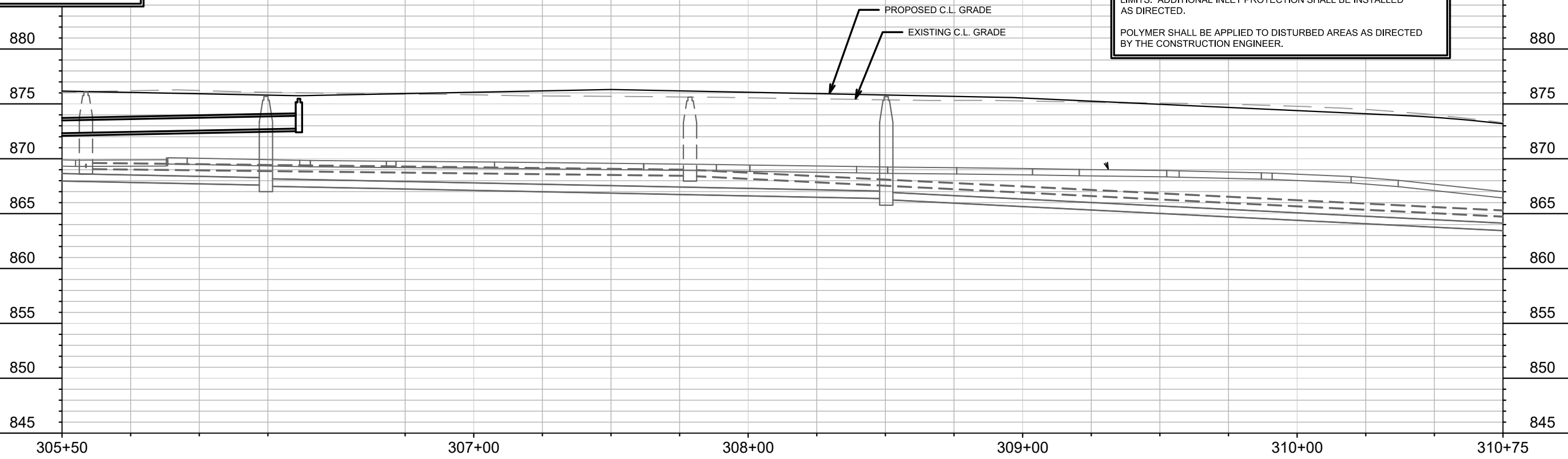
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0710-064-0515-8
ROSENBERG, HAROLD J
178 Jackson St

0710-064-0517-2
CLARK, JESSICA N
174 Jackson St

0710-064-0518-9
KONHETER, JOYCE
170 Jackson St

0710-064-0519-8
LITZ, JENNIFER
166 Jackson St

0710-064-0520-5
DRAVES, SCOTT A
& TINA M FEDORA
162 Jackson St

0710-064-0521-3
KOGALIN, RYAN A
KELLY M KOGALIN
158 Jackson St

0710-064-0522-1
PURTILL, KATHLEEN H
154 Jackson St

0710-064-0523-9
MEYER, STEPHEN O
& JEAN B MEYER
152 Jackson St

0710-064-0524-7
FARBER, MIRIAM
AND WM C ROWLEY
148 Jackson St

0710-064-0525-5
NINK, ROBERT LEE
142 Jackson St

0710-064-0526-3
HARRIS, LINDA S
138 Jackson St

0710-064-0527-1
KAY, KATHLEEN
134 Jackson St

0710-064-0528-9
KARWATH, SEAN
& JAMIE D VACHIE
129 Jackson St

0710-064-0529-7
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0530-5
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

0710-064-0531-3
SVYERSEN, MARCEL
& ANNA K SVYERSEN
139 Jackson St

0710-064-0532-1
DRENNING, LEVIA
& JAMES W DRENNING
161 Jackson St

0710-064-0533-9
PIPSON, STEPHEN A
& STACEY K PIPSON
157 Jackson St

0710-064-0534-7
PEREZ, TONY TRINIEL
& JULIA PEREZ
153 Jackson St

0710-064-0535-5
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0536-3
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

0710-064-0537-1
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0538-9
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

0710-064-0539-7
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0540-5
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

0710-064-0541-3
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0542-1
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

0710-064-0543-9
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0544-7
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

0710-064-0545-5
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0546-3
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

0710-064-0547-1
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0548-9
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

0710-064-0549-7
JAMES, JENNIFER T
& WILLIAM J
149 Jackson St

0710-064-0550-5
BIRNBAUM, WOLKE
& SHELDON GROSS
145 Jackson St

MARK	REVISION	DATE	BY

11190
MADISON, WI
CONTRACT NO: 8503

EROSION CONTROL PLAN
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION

11190
EC-7

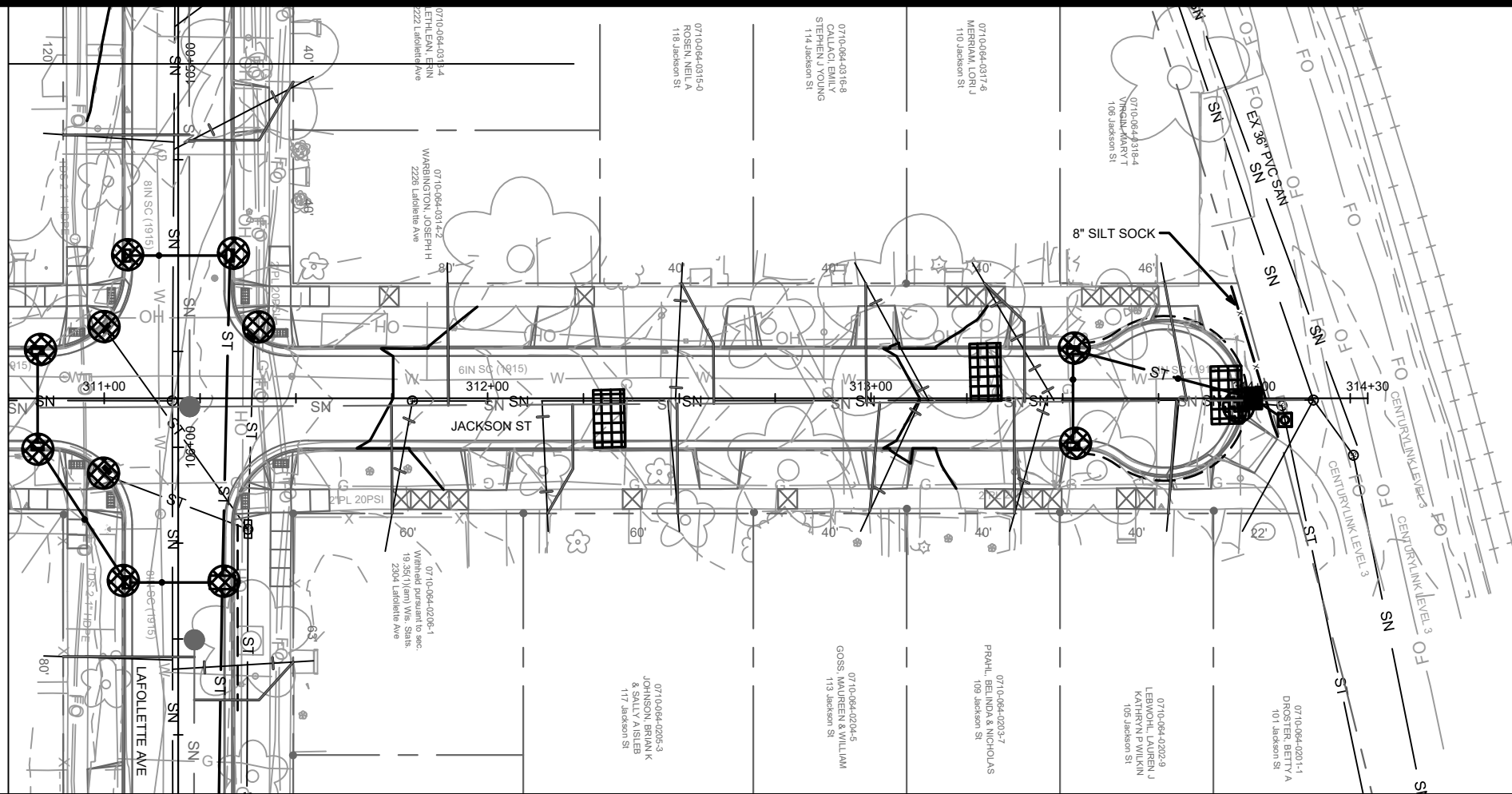
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Designed By: FBEC Date: 10/30/2020 8:05 AM
Scale: 1" = 40'

EC-7



MATCH LINE 310+75.00



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

EROSION CONTROL NOTES:

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

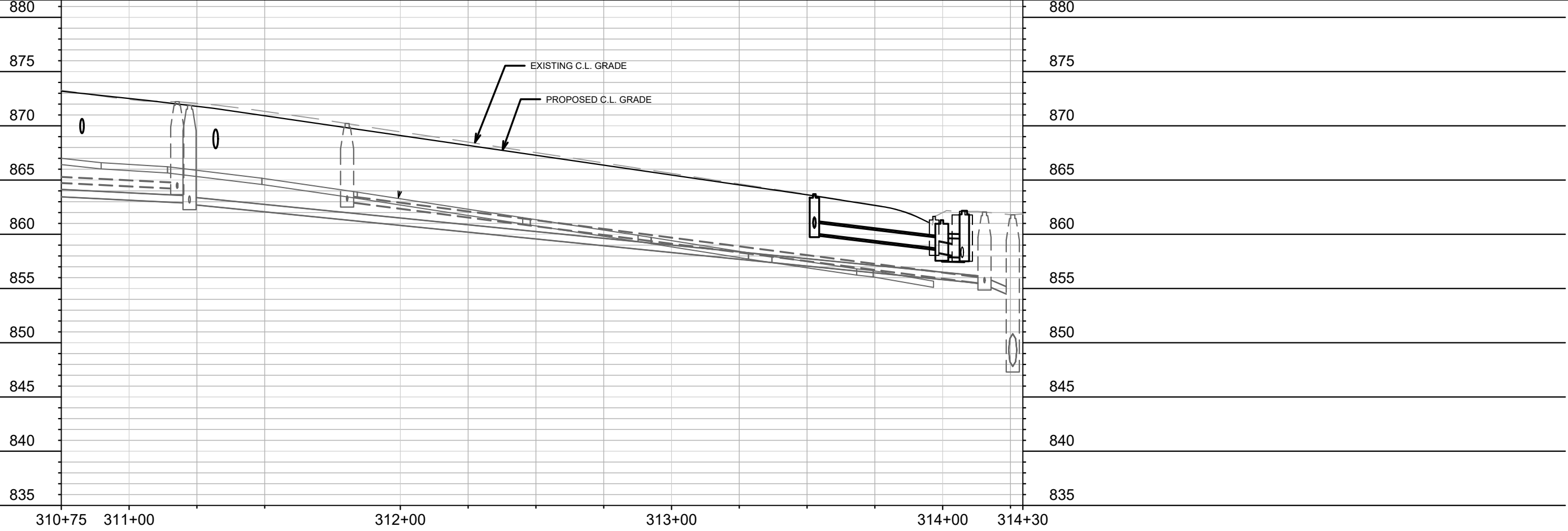
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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

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

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

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

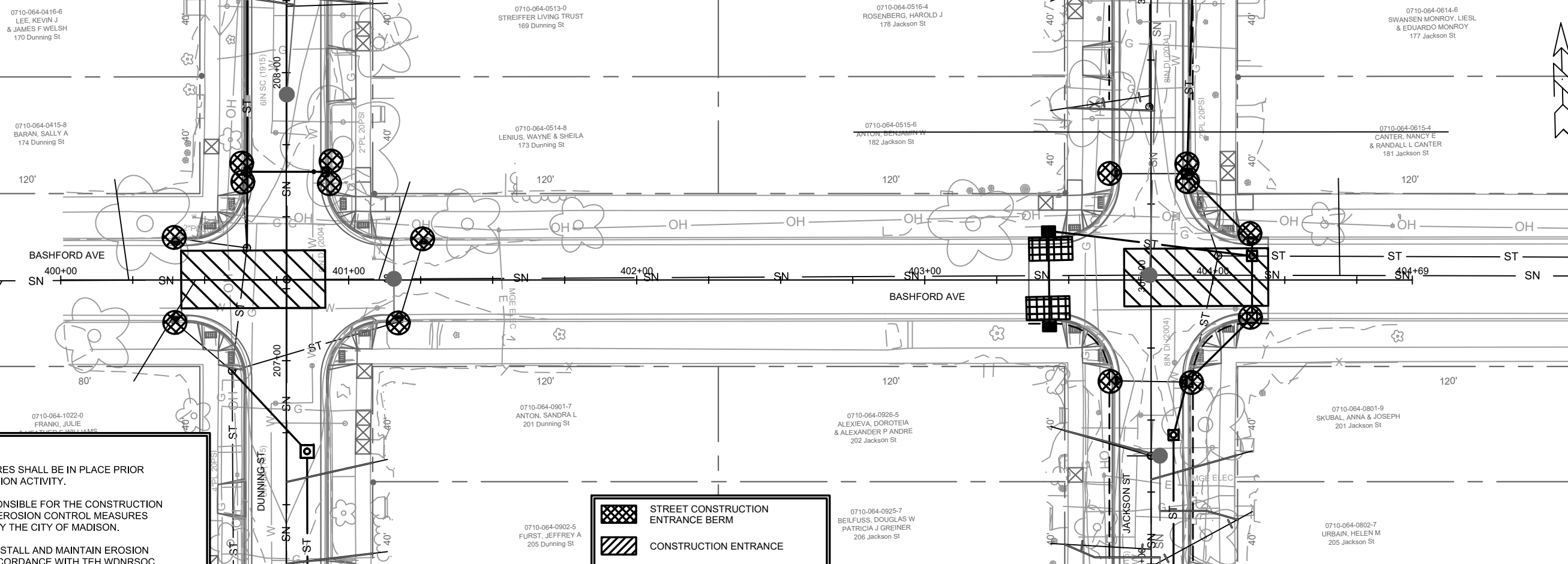


MARK	REVISION	DATE	BY

Designed By: FBECJ Date: 10/30/2020 8:06 AM
Scale: 1" = 40'

11190
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 MADISON, WI
 CONTRACT NO: 8503

11190
 EC-8



EROSION CONTROL NOTES:

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

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

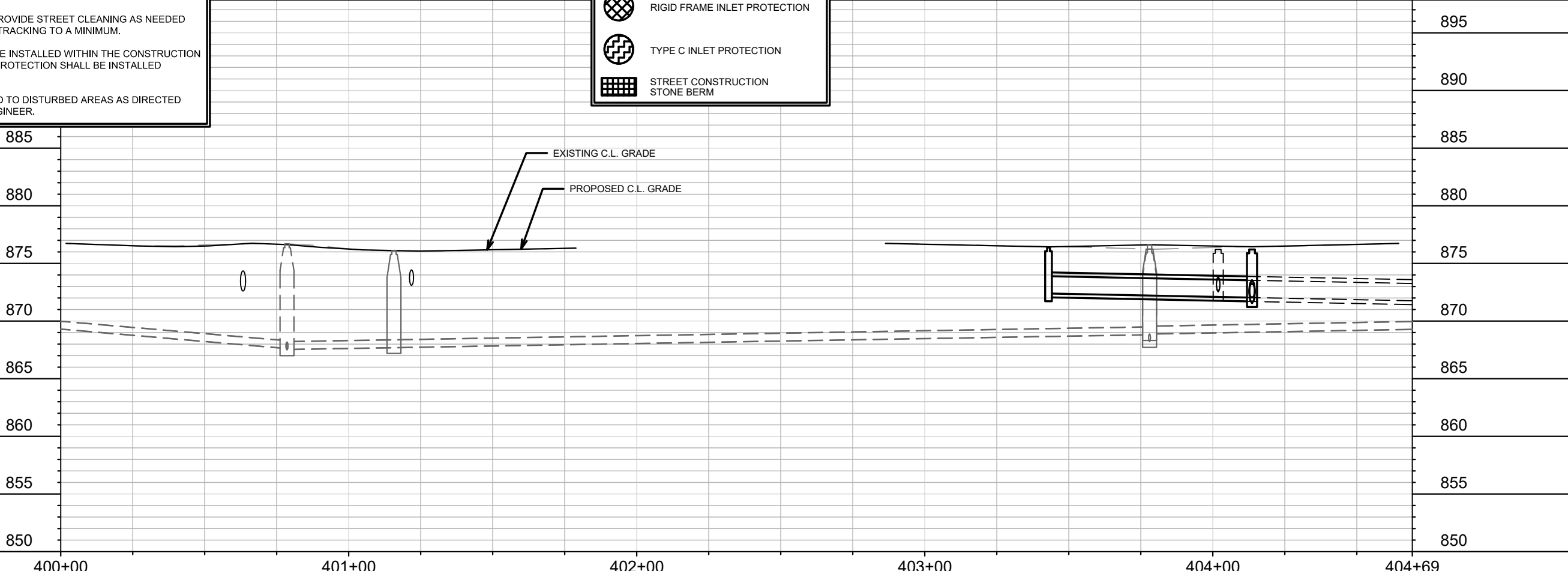
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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

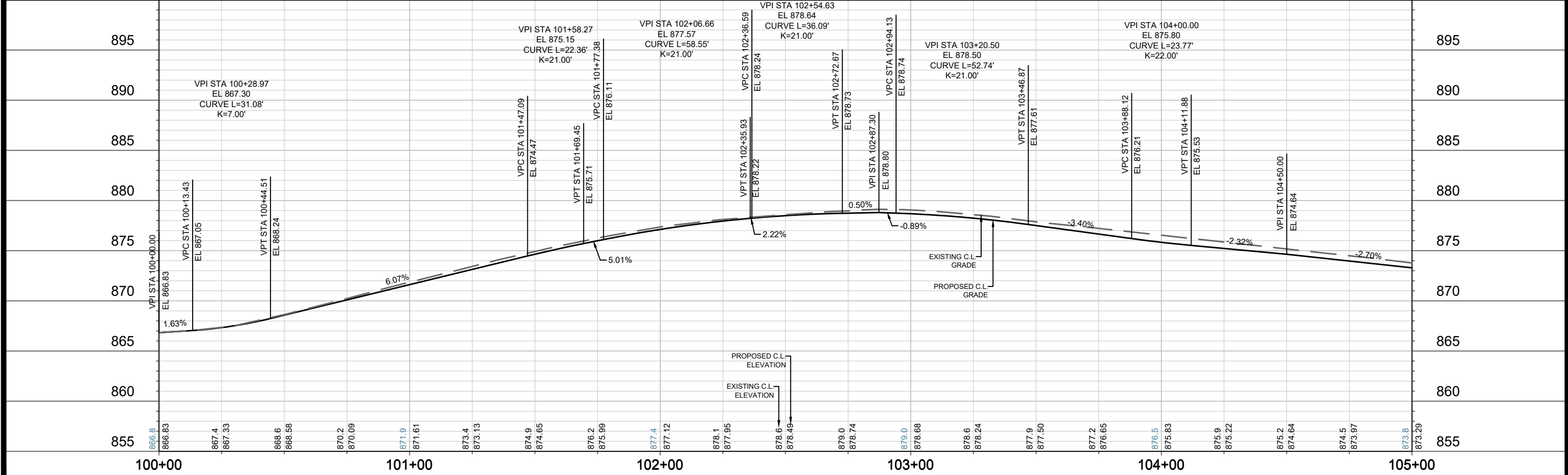
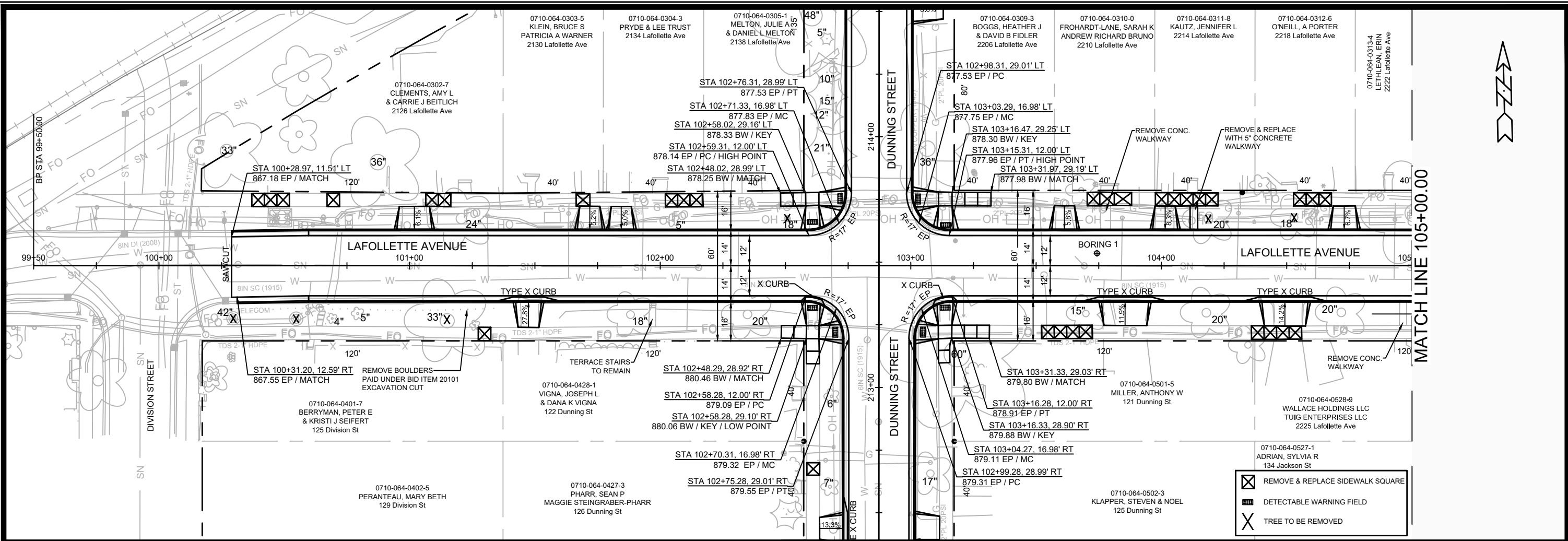
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

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

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



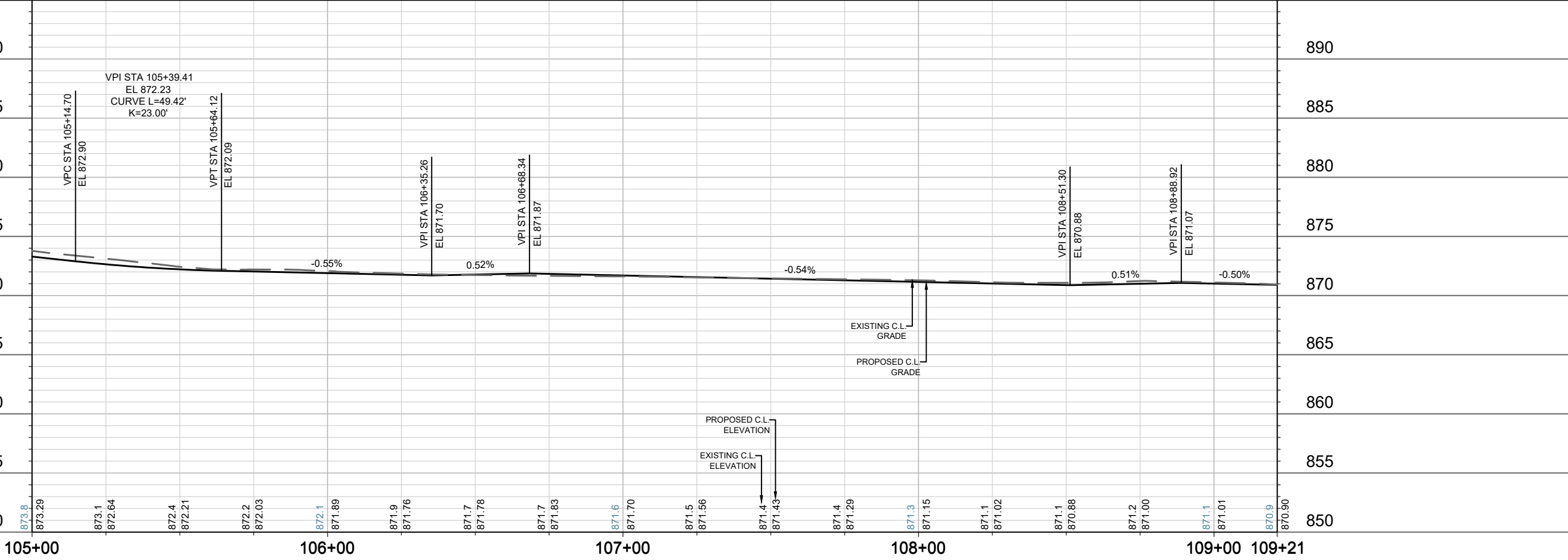
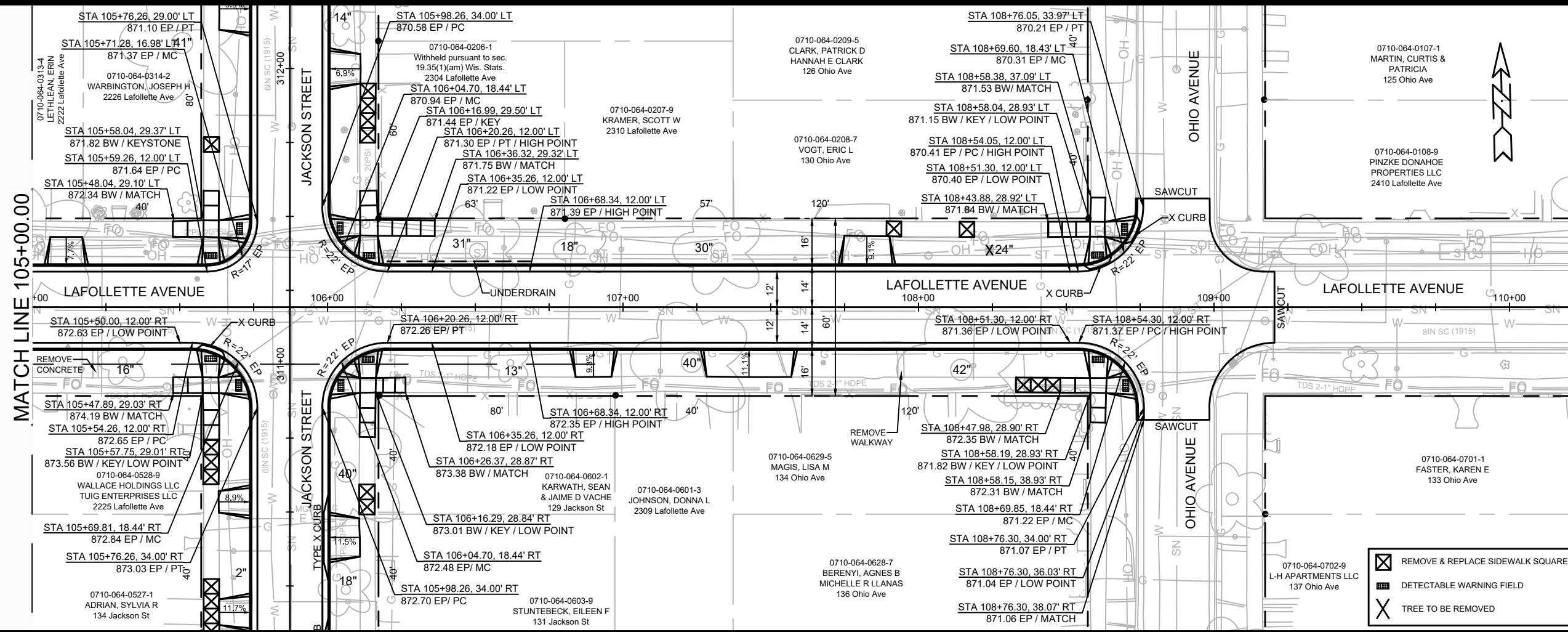
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PROJECT NO: 11190			EC-9
CONTRACT NO: 8503			
EROSION CONTROL PLAN			
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION			
MADISON, WI			
11190			
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11190			EC-9



DATE	BY
REVISION	
MARK	
Designed By: FBEC	Date: 10/30/2020 10:46 AM
11190	P-1

11190
 MADISON, WI
 CONTRACT NO: 8503

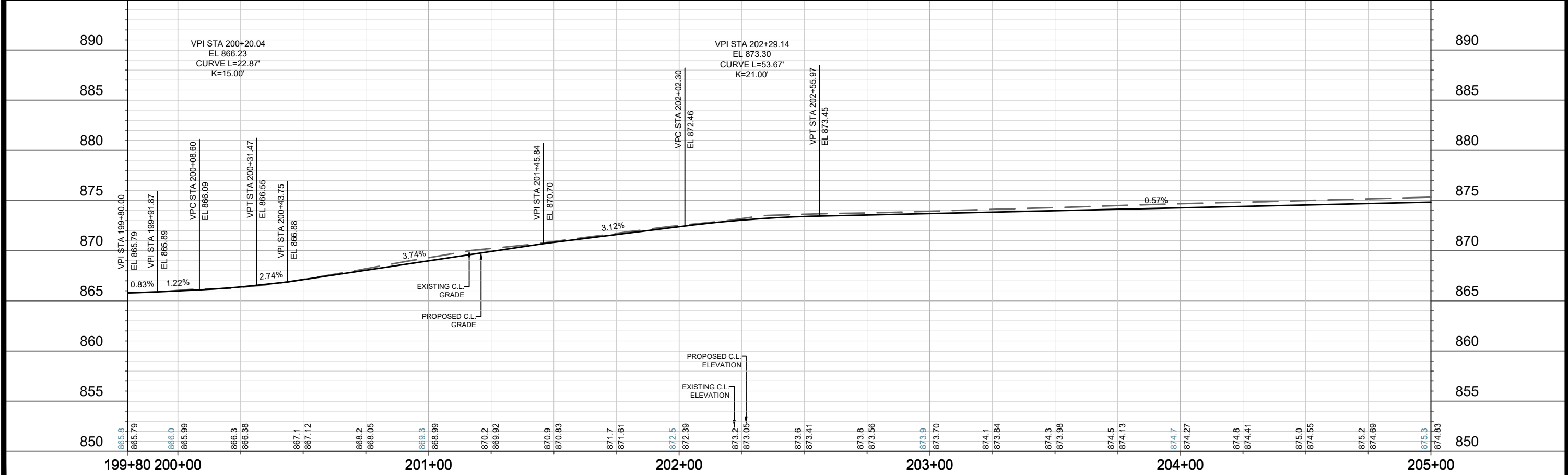
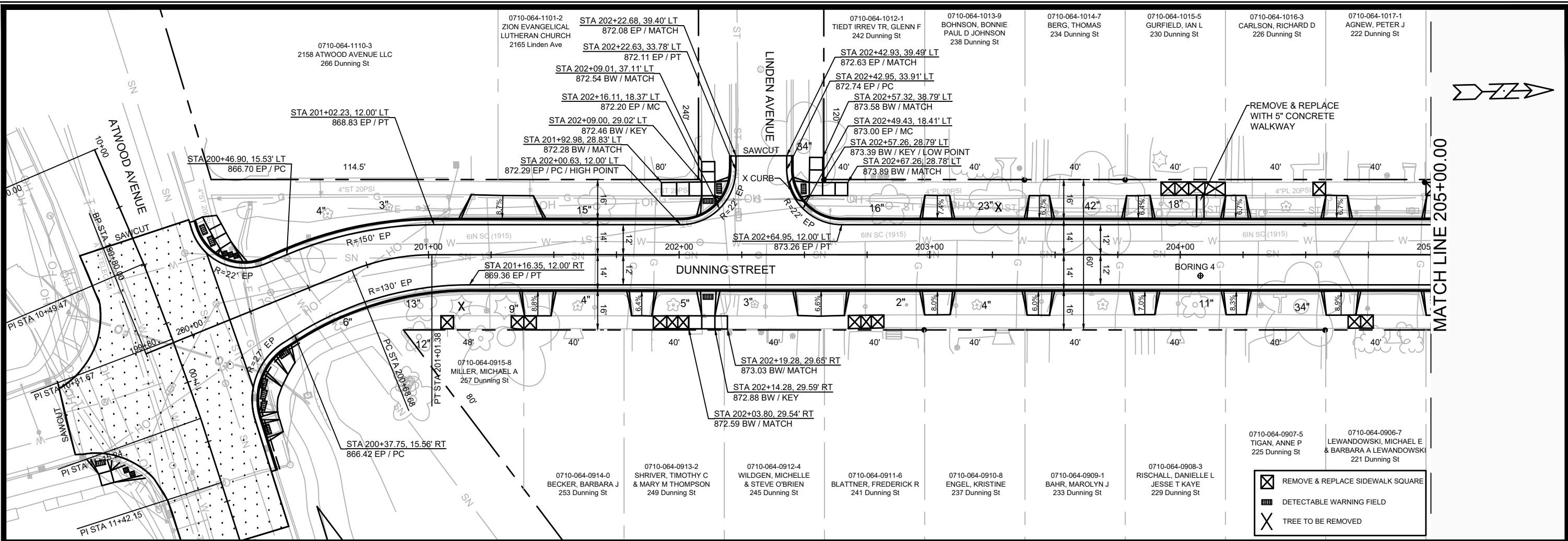
PLAN & PROFILE - LAFOLLETTE AVENUE
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 M:\DESIGN\Projects\11190\CAD\Plan Sheets\11190 - P Sheets.dwg



MATCH LINE 105+00.00

- REMOVE & REPLACE SIDEWALK SQUARE
- DETECTABLE WARNING FIELD
- TREE TO BE REMOVED

11190	MADISON, WI	CONTRACT NO: 8503	P-2
PLAN & PROFILE - LAFOLLETTE AVENUE DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION			
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11190 P-2			



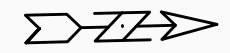
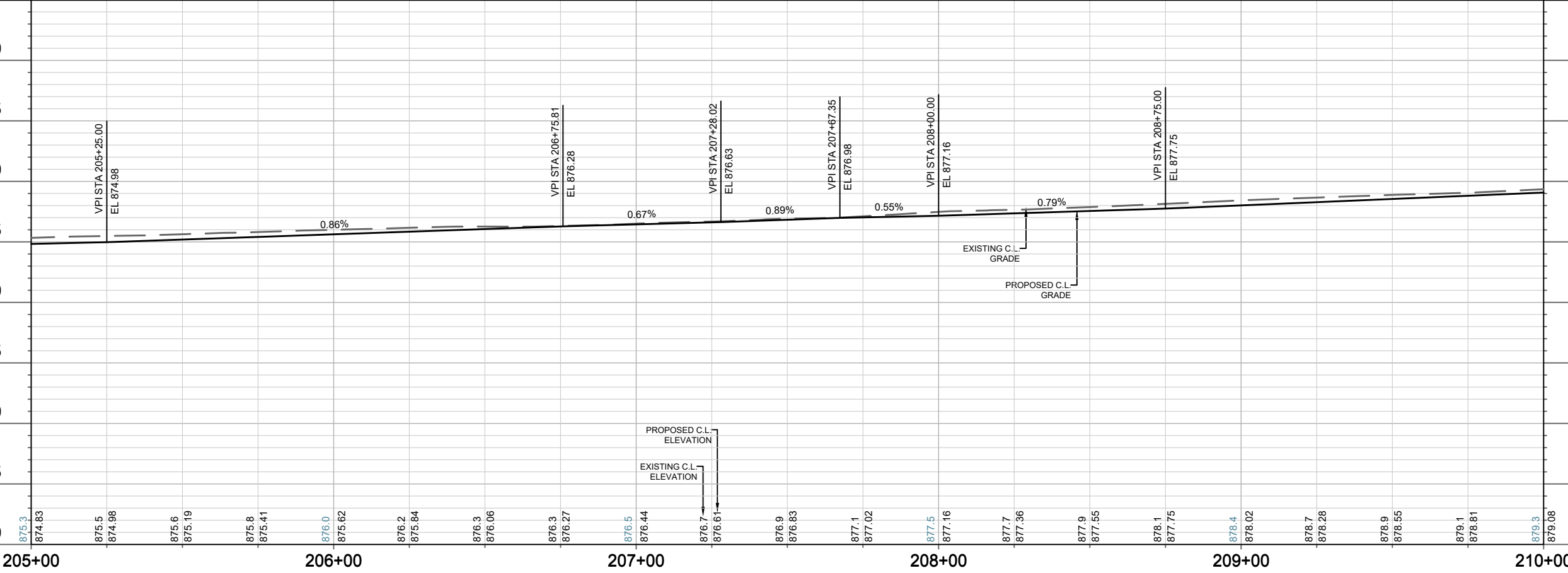
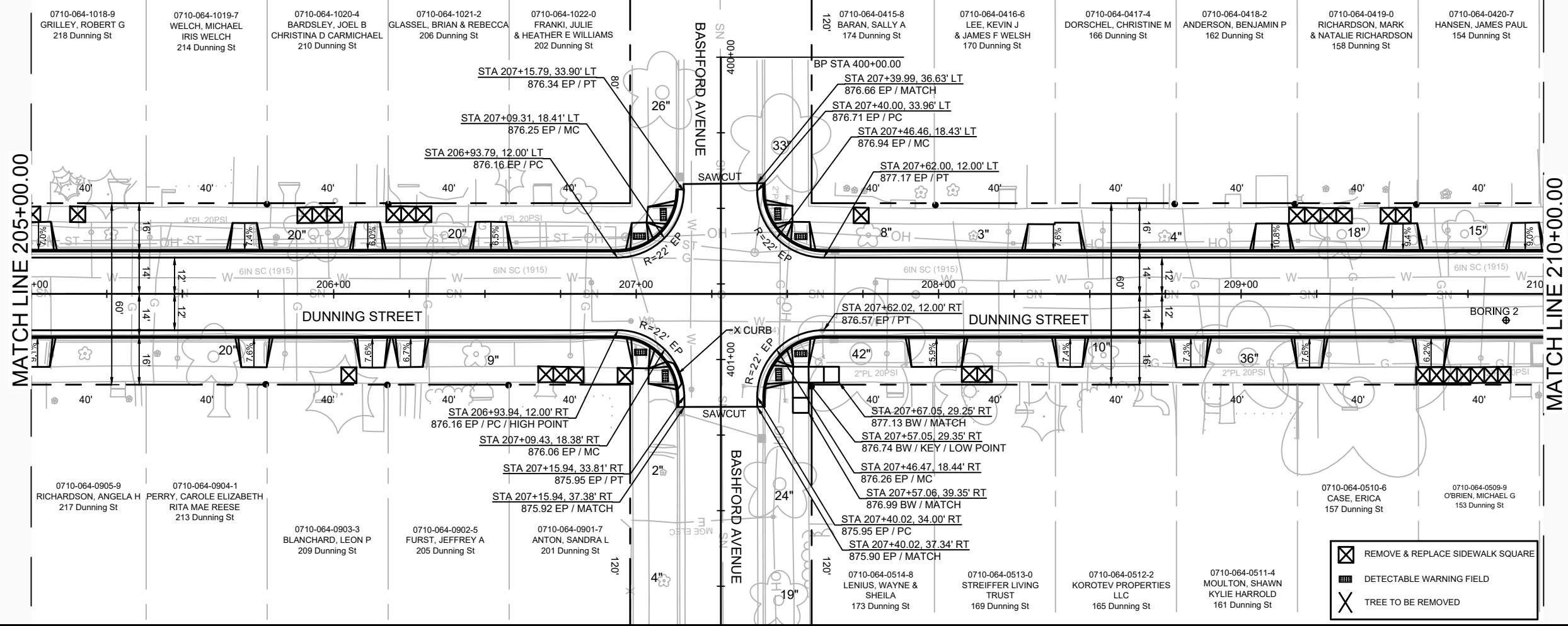
- REMOVE & REPLACE SIDEWALK SQUARE
- DETECTABLE WARNING FIELD
- TREE TO BE REMOVED

MARK	REVISION	DATE	BY

11190
 MADISON, WI
 CONTRACT NO: 8503

PLAN & PROFILE - DUNNING STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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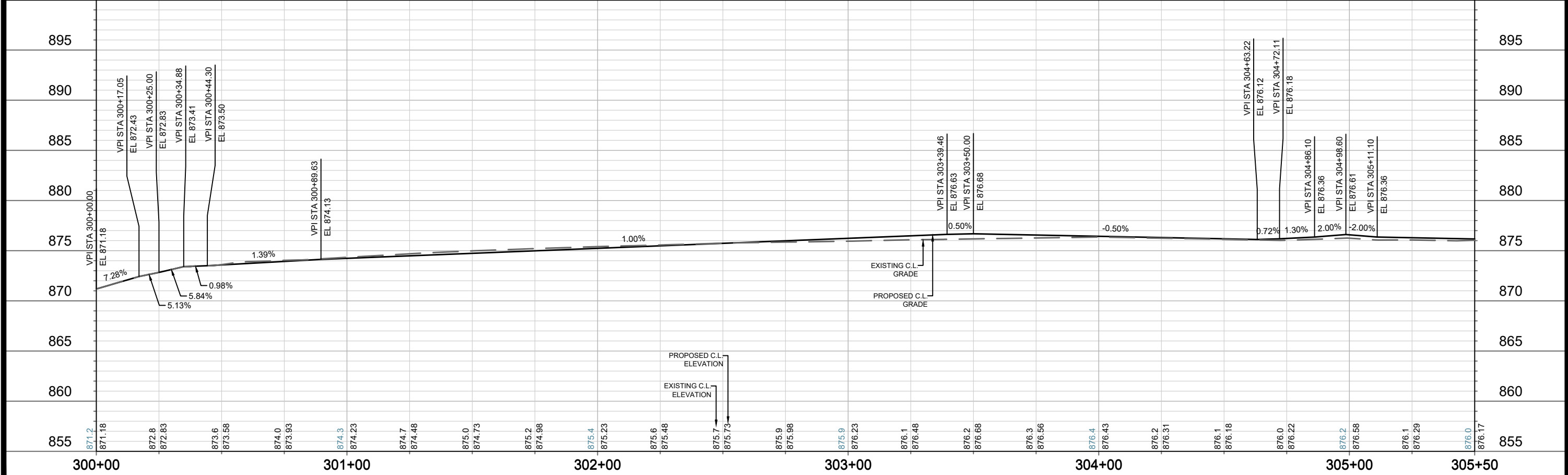
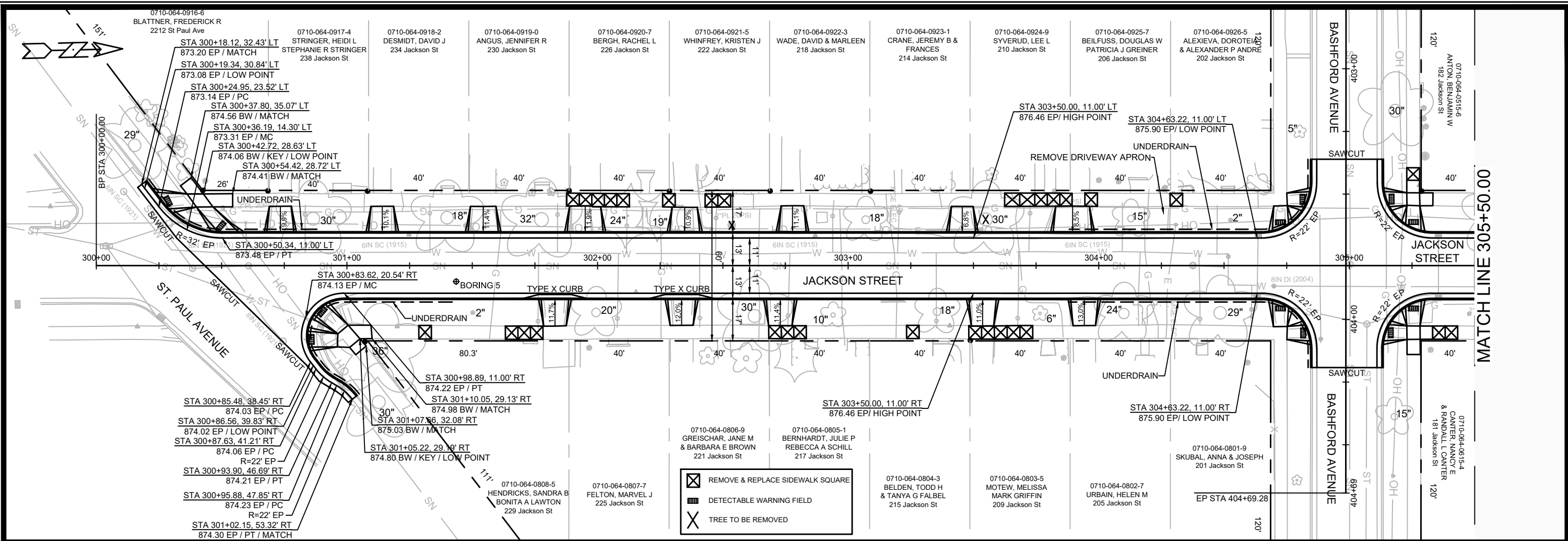




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 MADISON, WI
 CONTRACT NO: 8503

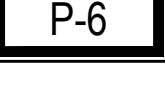
PLAN & PROFILE - DUNNING STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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NO.	DATE	BY

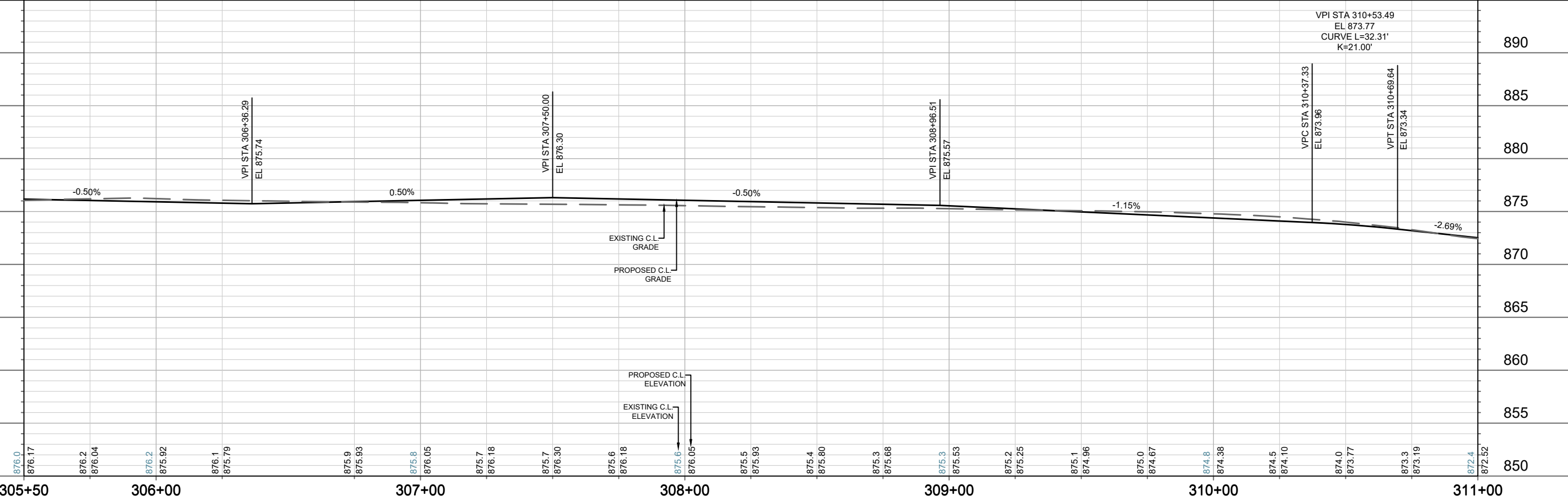
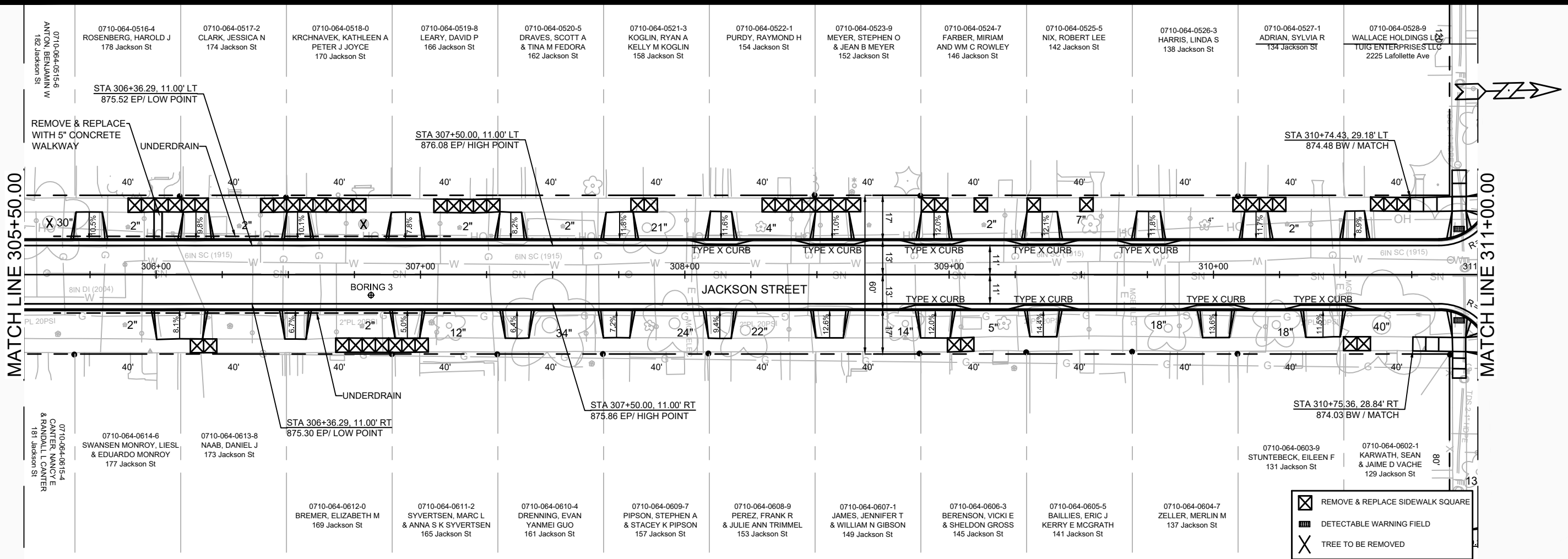
11190
 MADISON, WI
 CONTRACT NO: 8503

PLAN & PROFILE - JACKSON STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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 P-6



MATCH LINE 305+50.00

MATCH LINE 311+00.00



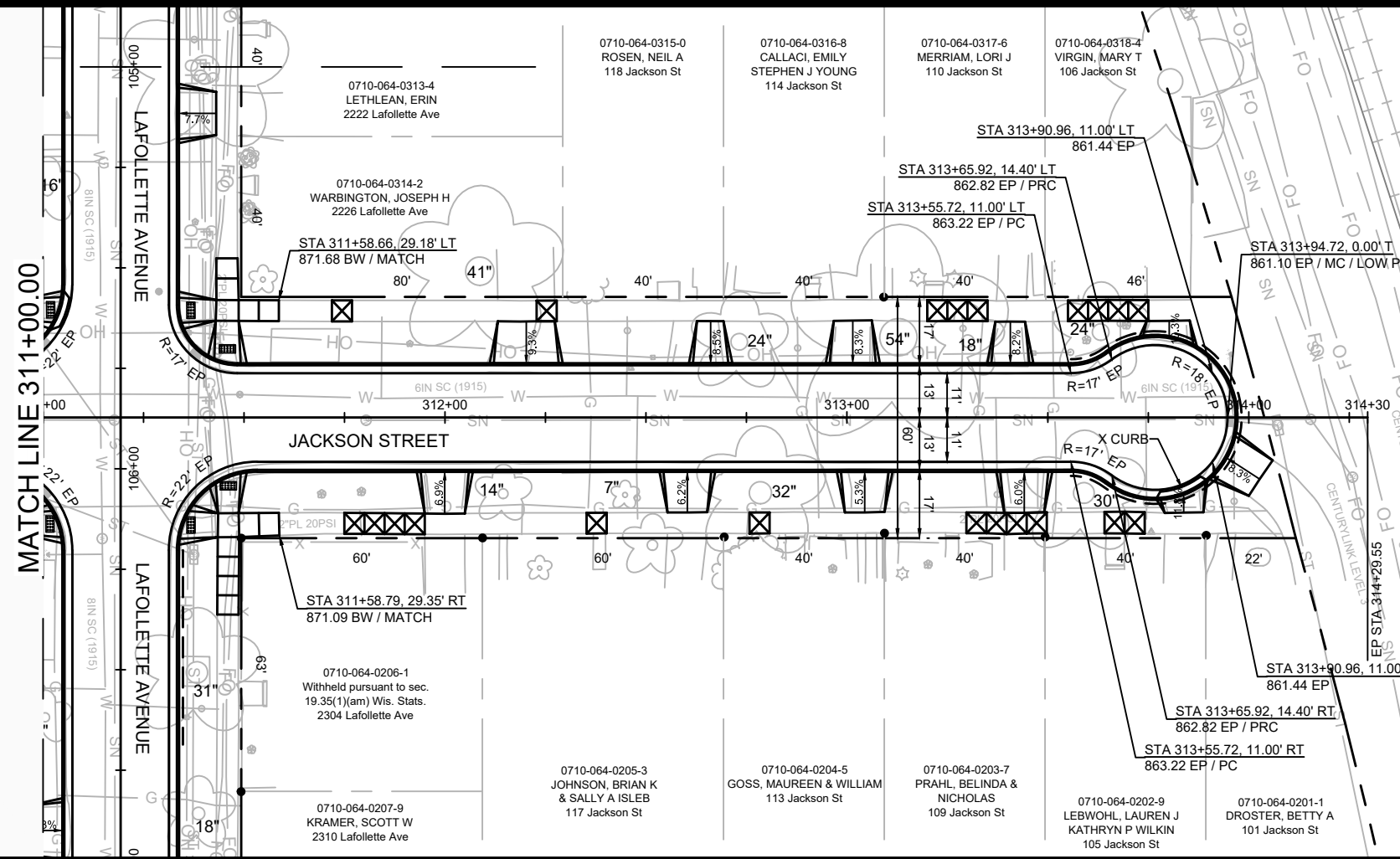
- REMOVE & REPLACE SIDEWALK SQUARE
- DETECTABLE WARNING FIELD
- TREE TO BE REMOVED




MARK	REVISION	DATE	BY
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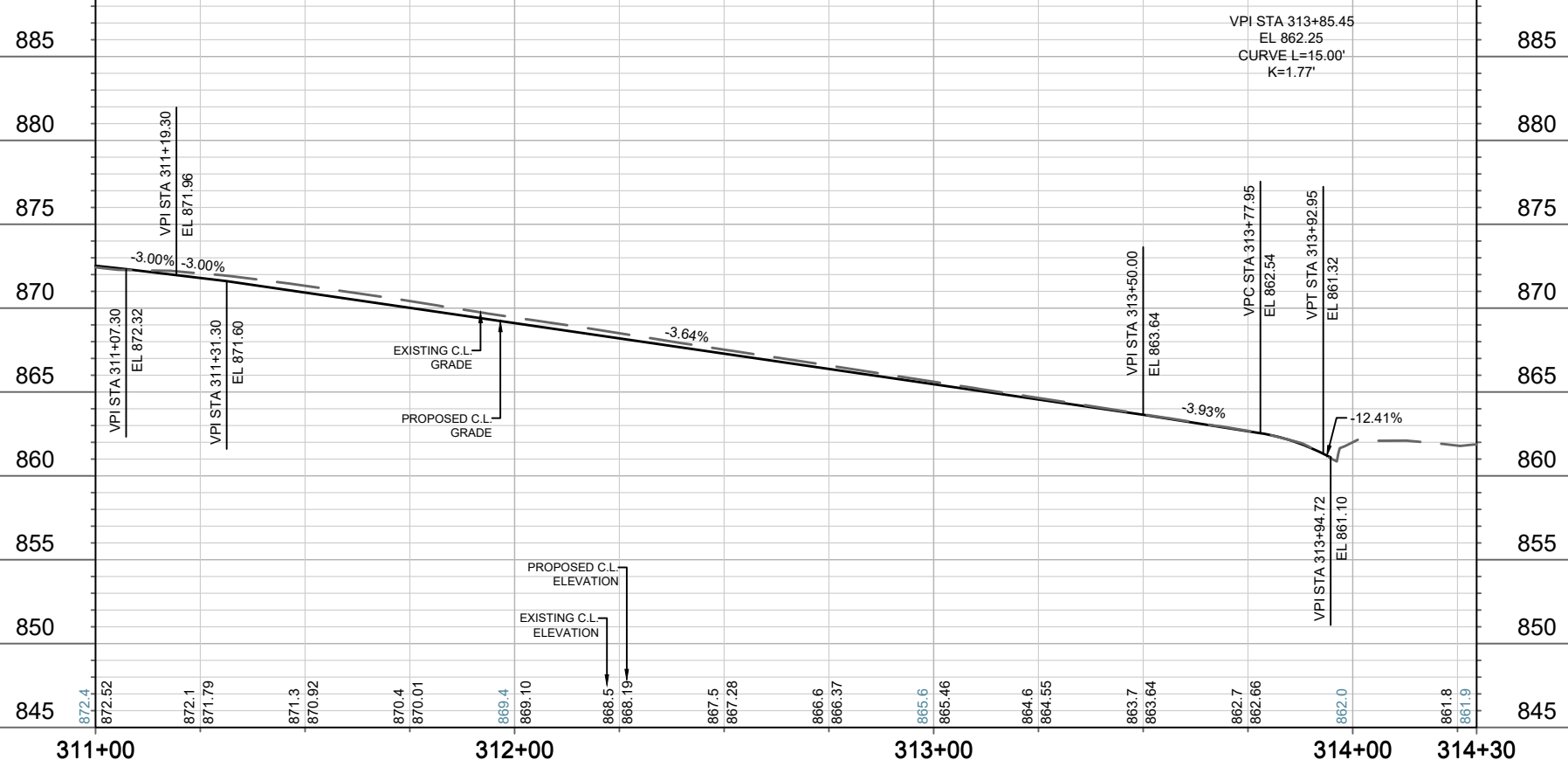
11190
MADISON, WI
CONTRACT NO: 8503

PLAN & PROFILE - JACKSON STREET
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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-  REMOVE & REPLACE SIDEWALK SQUARE
-  DETECTABLE WARNING FIELD
-  TREE TO BE REMOVED

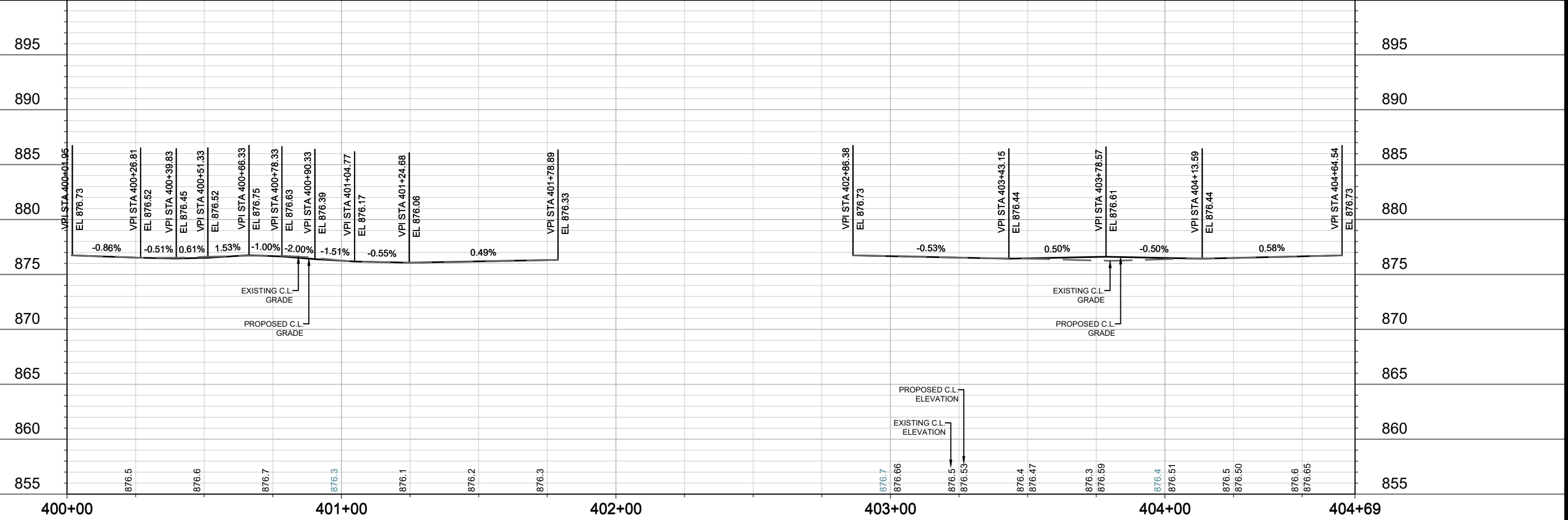
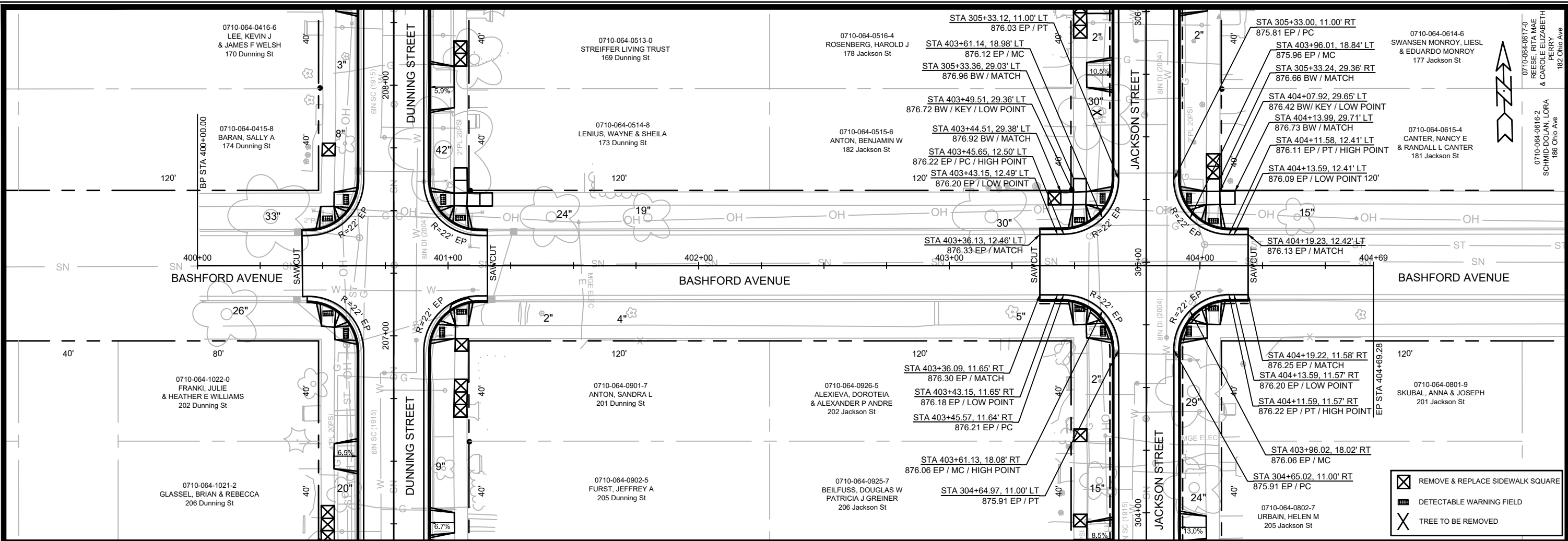


MARK	REVISION	DATE	BY

11190
 MADISON, WI
 CONTRACT NO: 8503
 P-8

PLAN & PROFILE - JACKSON STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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 11190
 P-8



11190

11190

MADISON, WI

CONTRACT NO: 8503

PLAN & PROFILE - BASHFORD AVENUE

DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION

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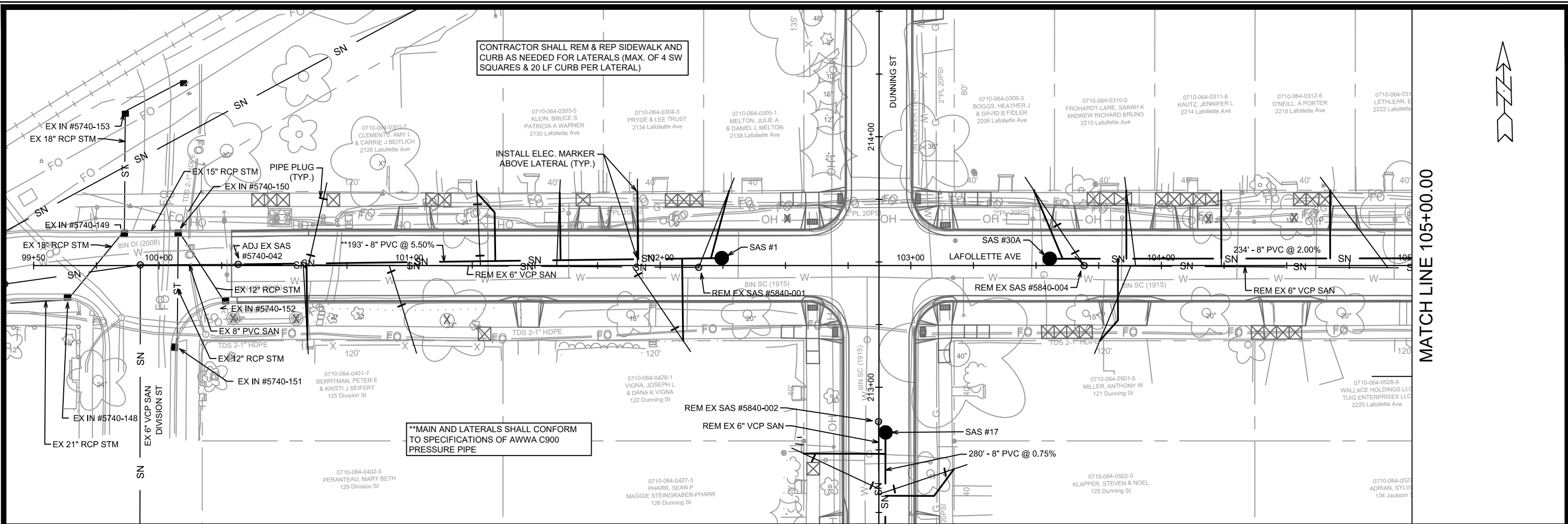
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P-9

MARK	REVISION	DATE	BY

Designed By: FBEG Date: 10/30/2020 10:55 AM Scale: 1" = 40'

P-9

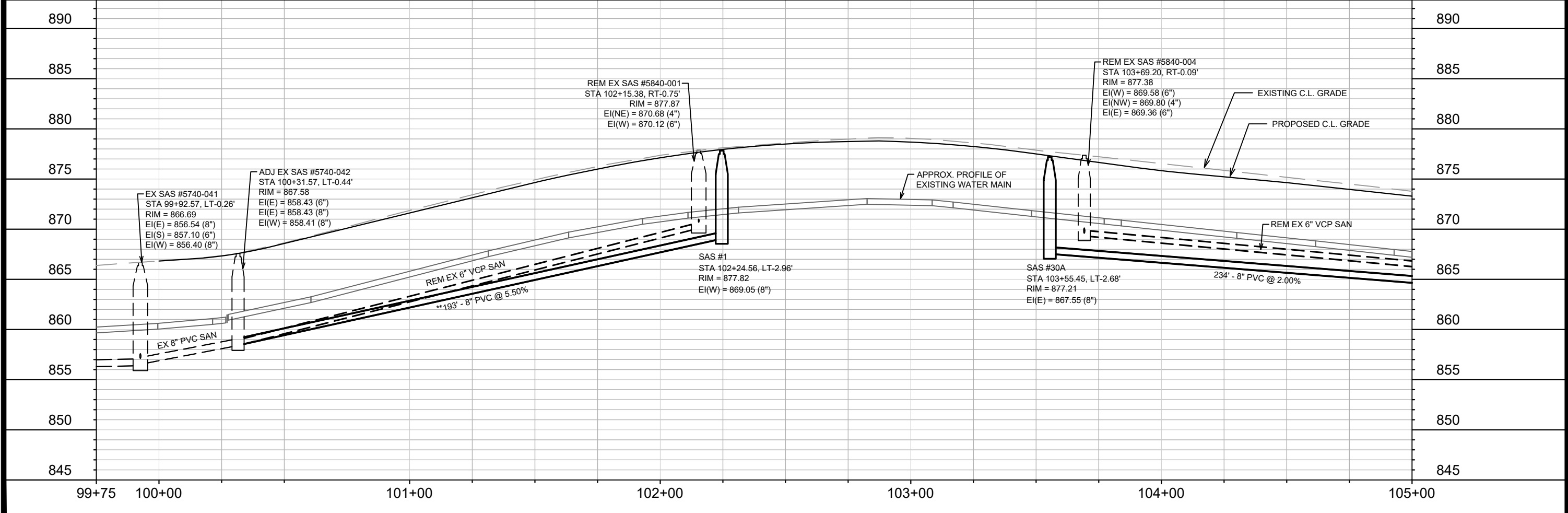


CONTRACTOR SHALL REM & REP SIDEWALK AND CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES & 20 LF CURB PER LATERAL)

INSTALL ELEC. MARKER ABOVE LATERAL (TYP.)

**MAIN AND LATERALS SHALL CONFORM TO SPECIFICATIONS OF AWWA C900 PRESSURE PIPE

MATCH LINE 105+00.00



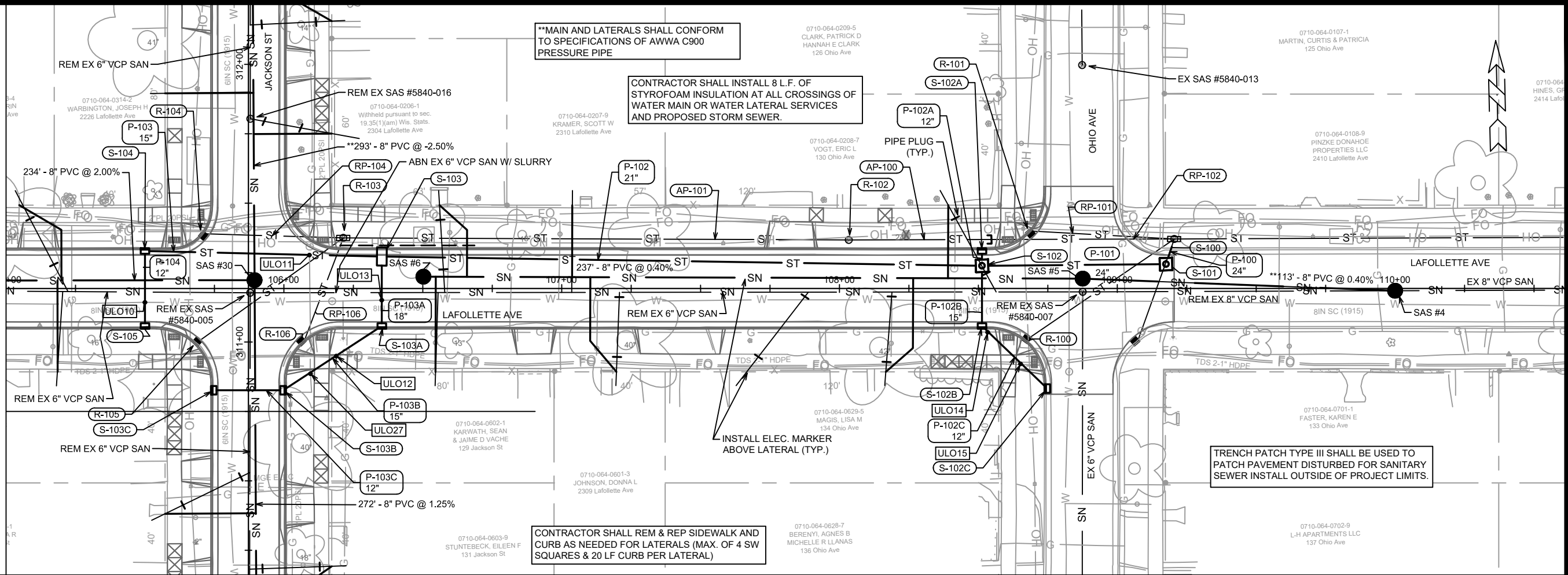
DATE	BY
REVISION	DATE
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Designed By: KDF	Date: 11/2/2020 9:46 AM
Scale: 1" = 40'	U-1

11190	8503
UTILITY PLAN AND PROFILE - LAFOLLETTE AVENUE	CONTRACT NO:
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION	
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11190	U-1
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MATCH LINE 105+00.00



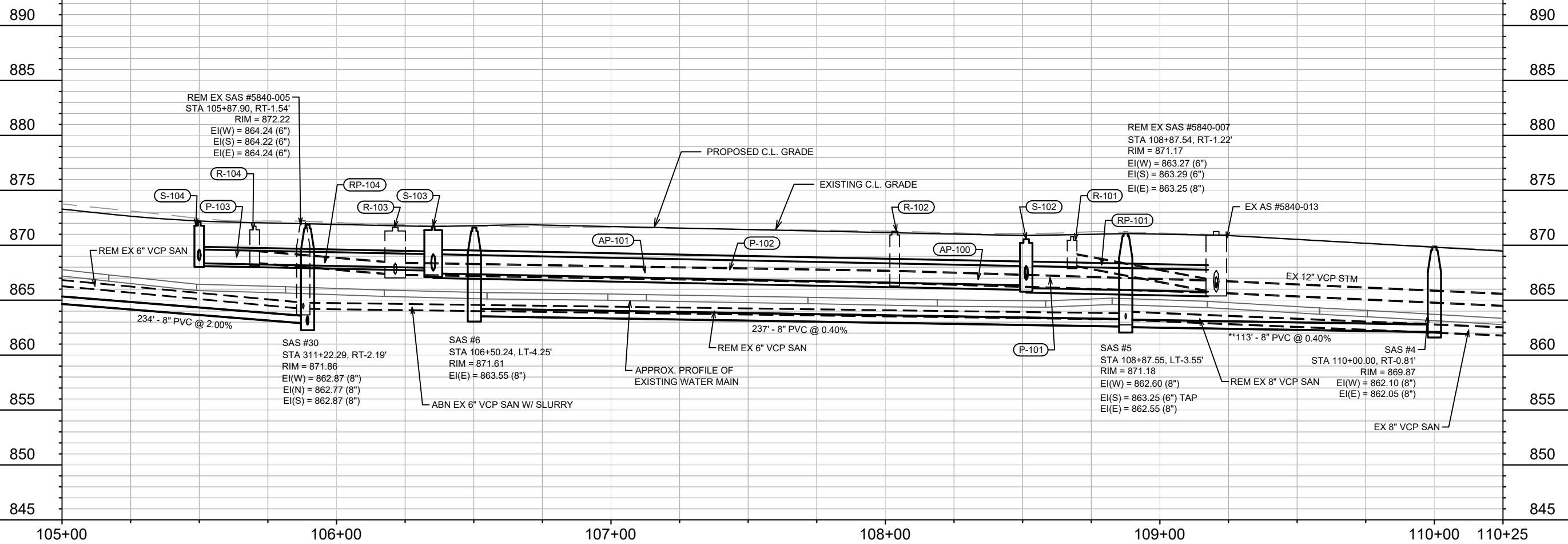
**MAIN AND LATERALS SHALL CONFORM TO SPECIFICATIONS OF AWWA C900 PRESSURE PIPE

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

INSTALL ELEC. MARKER ABOVE LATERAL (TYP.)

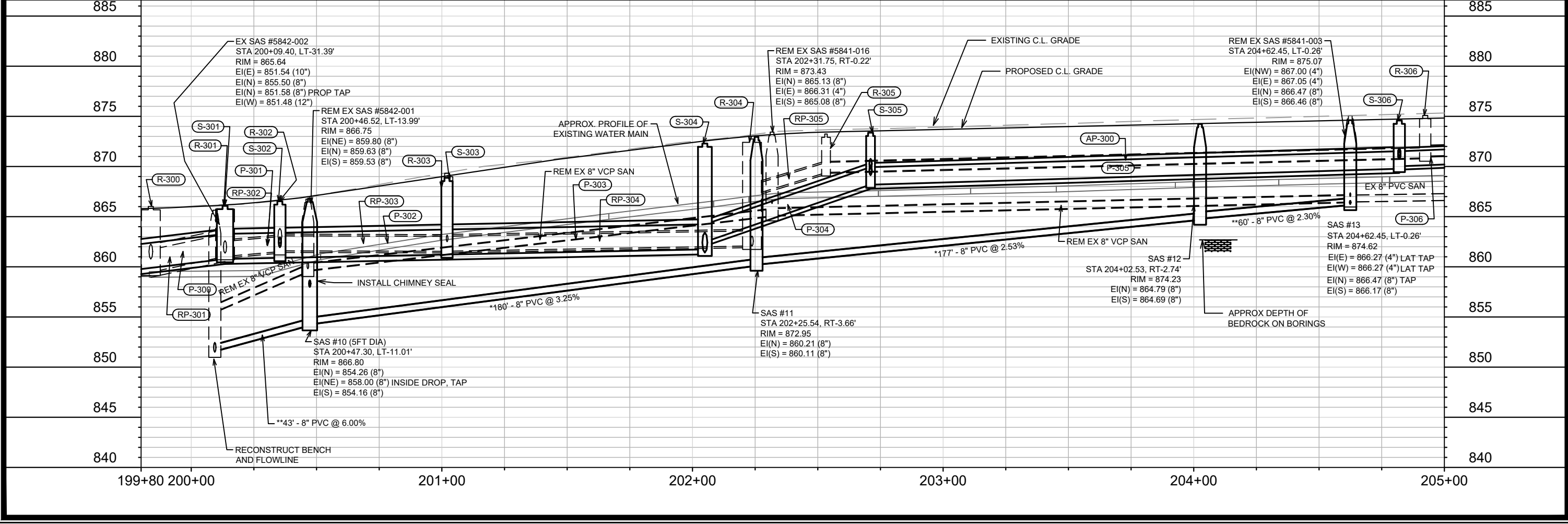
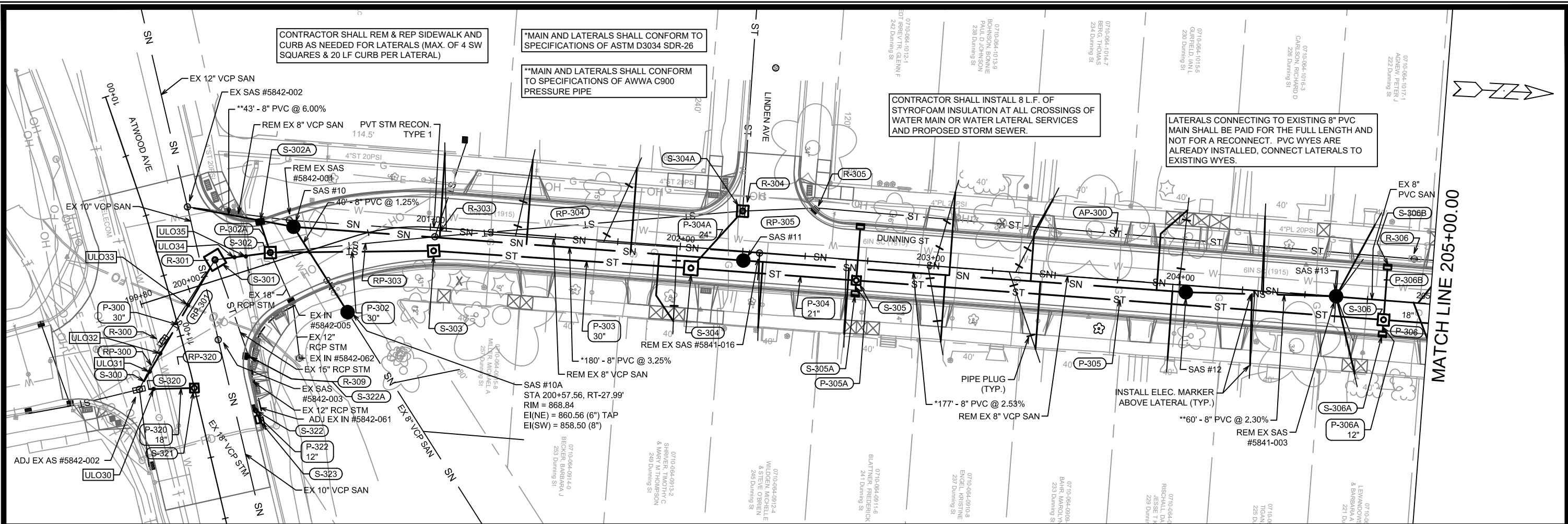
CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES & 20 LF CURB PER LATERAL)

TRENCH PATCH TYPE III SHALL BE USED TO PATCH PAVEMENT DISTURBED FOR SANITARY SEWER INSTALL OUTSIDE OF PROJECT LIMITS.



DATE	BY	U-2
REVISION	SCALE: 1" = 40'	
MARK	DESIGNED BY: KDF	11190
CONTRACT NO: 8503		
UTILITY PLAN AND PROFILE - LAFOLLETTE AVENUE		
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION		
MADISON, WI		
11190		
U-2		

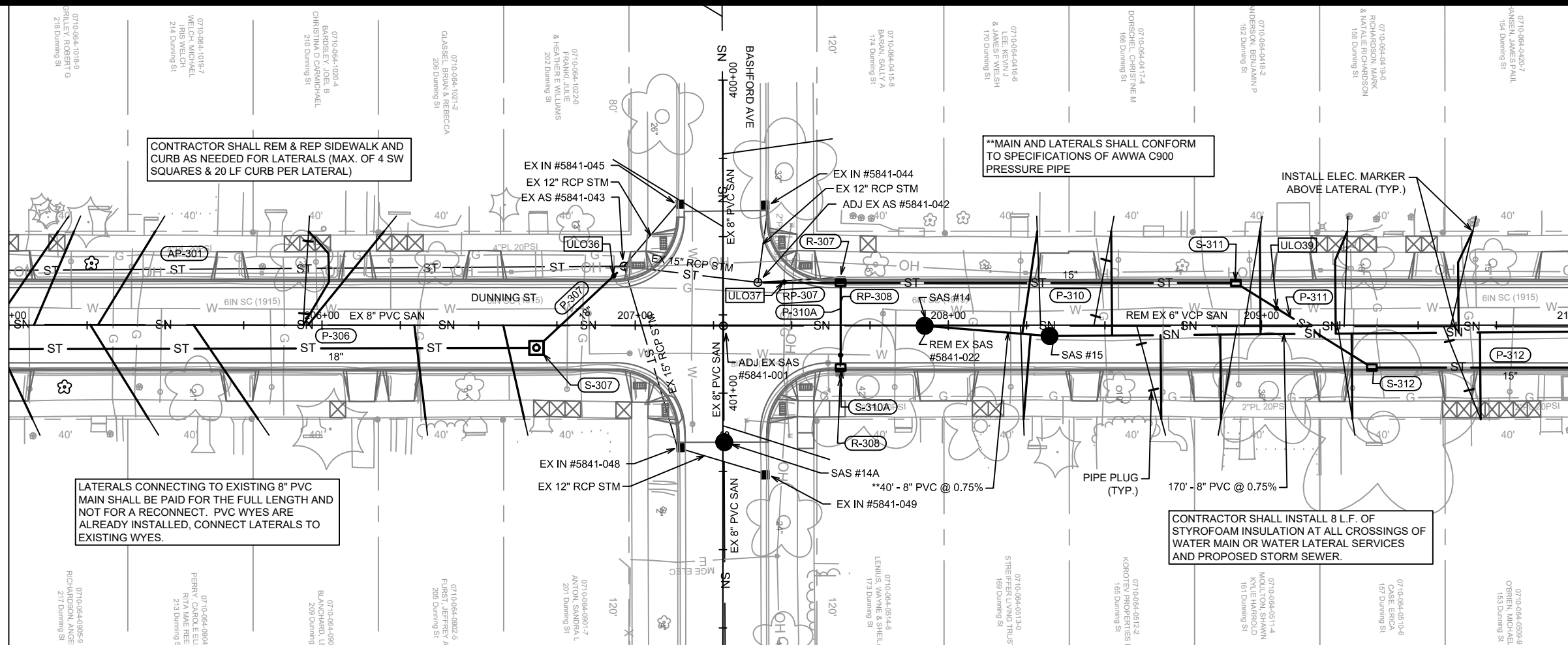
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DATE	11/3/2020 12:06 PM
REVISION	
MARK	
Scale	1" = 40'
Design By	KDF
11190	
11190	
U-3	

MATCH LINE 205+00.00

MATCH LINE 210+00.00



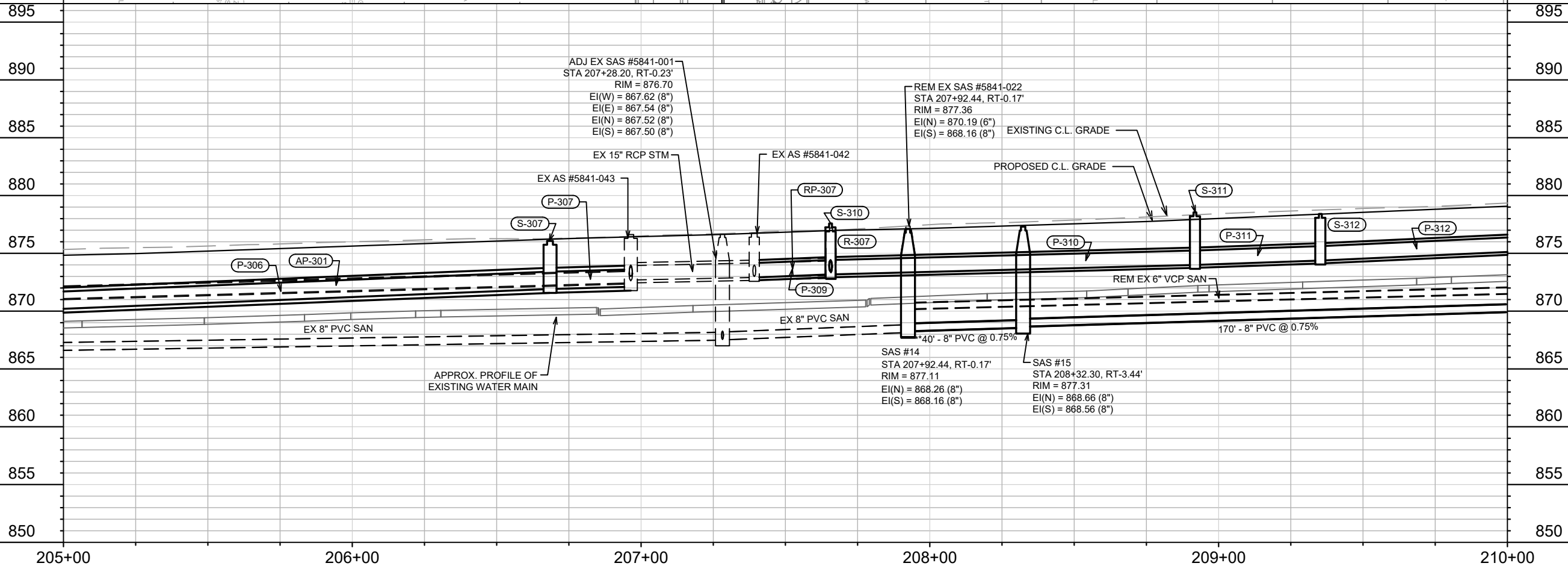
CONTRACTOR SHALL REM & REP SIDEWALK AND CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES & 20 LF CURB PER LATERAL)

**MAIN AND LATERALS SHALL CONFORM TO SPECIFICATIONS OF AWWA C900 PRESSURE PIPE

INSTALL ELEC. MARKER ABOVE LATERAL (TYP.)

LATERALS CONNECTING TO EXISTING 8\"/>

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



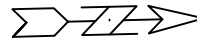
ADJ EX SAS #5841-001
 STA 207+28.20, RT-0.23'
 RIM = 876.70
 EI(W) = 867.62 (8")
 EI(E) = 867.54 (8")
 EI(N) = 867.52 (8")
 EI(S) = 867.50 (8")

REM EX SAS #5841-022
 STA 207+92.44, RT-0.17'
 RIM = 877.36
 EI(N) = 870.19 (6")
 EI(S) = 868.16 (8")

SAS #14
 STA 207+92.44, RT-0.17'
 RIM = 877.11
 EI(N) = 868.26 (8")
 EI(S) = 868.16 (8")

SAS #15
 STA 208+32.30, RT-3.44'
 RIM = 877.31
 EI(N) = 868.66 (8")
 EI(S) = 868.56 (8")

APPROX. PROFILE OF EXISTING WATER MAIN



DATE	11/3/2020
DESIGNED BY	KDF
MARK	11190
REVISION	
BY	U-4
DATE	11/3/2020
SCALE	1" = 40'

11190
 MADISON, WI
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 CONTRACT NO: 8503



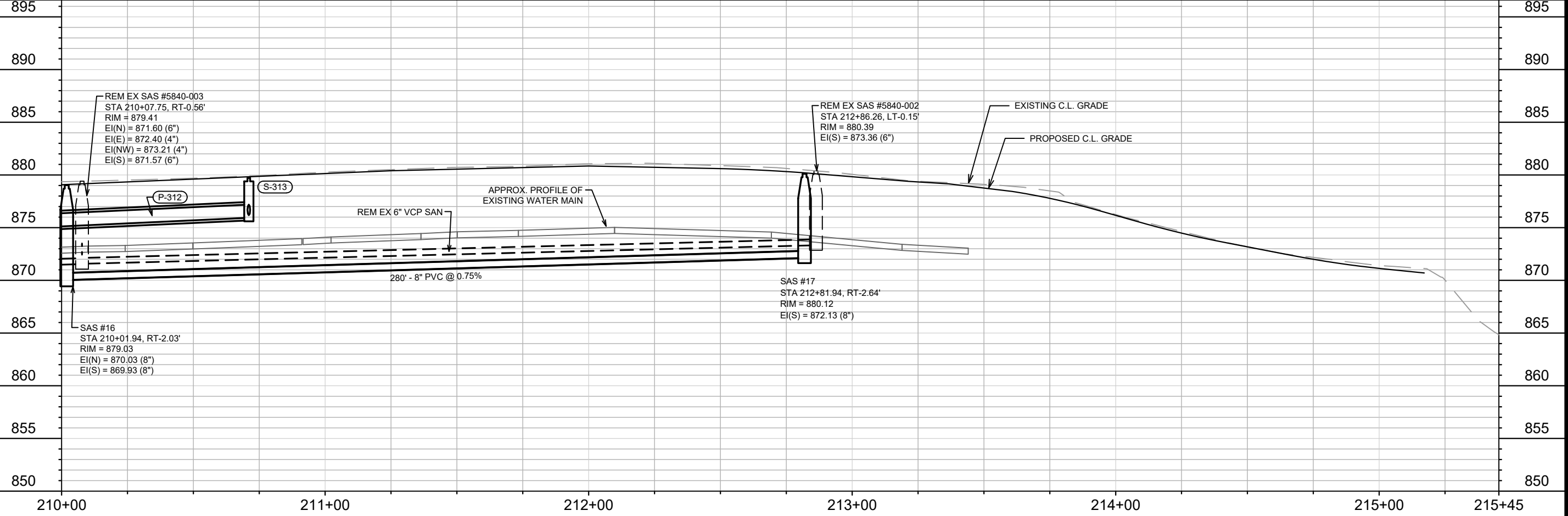
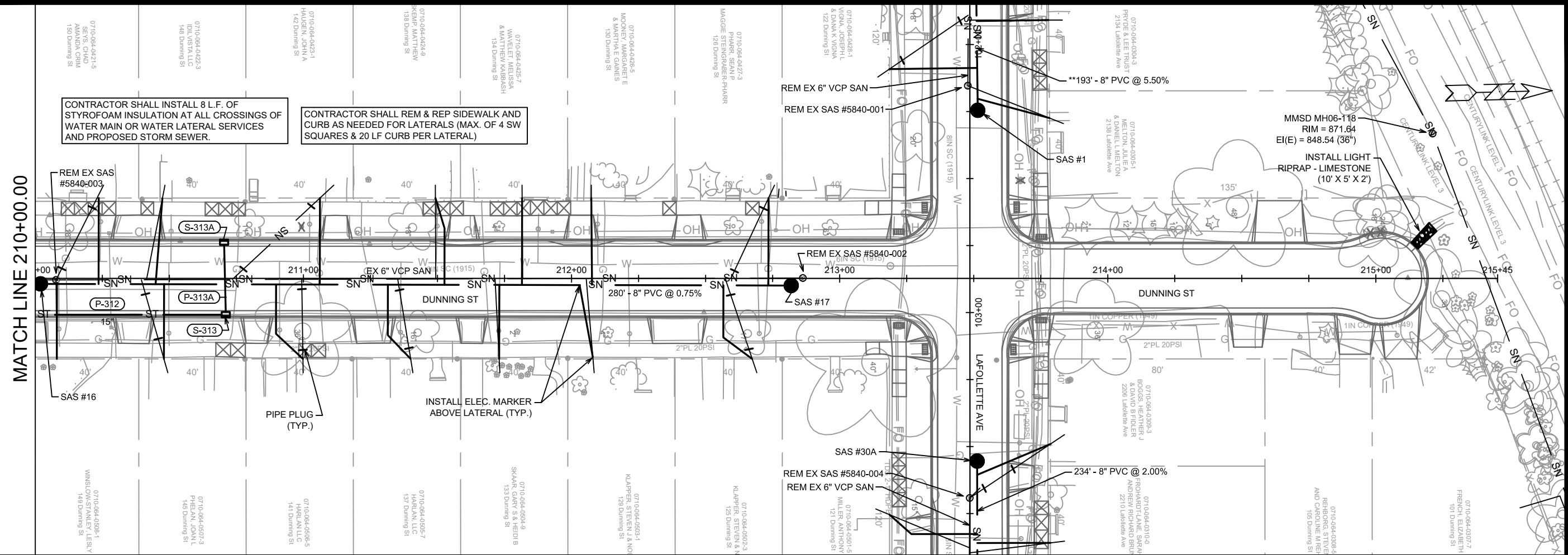
11190
 U-4

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MATCH LINE 210+00.00

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 AND CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES & 20 LF CURB PER LATERAL)



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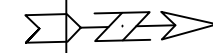
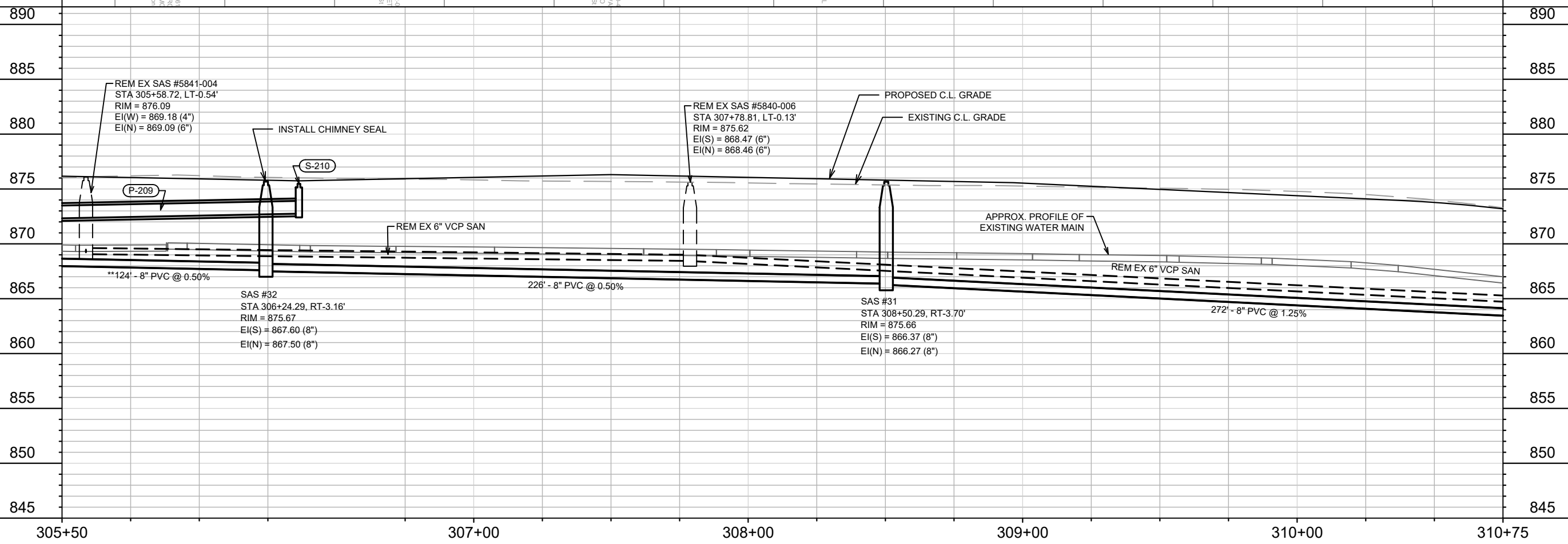
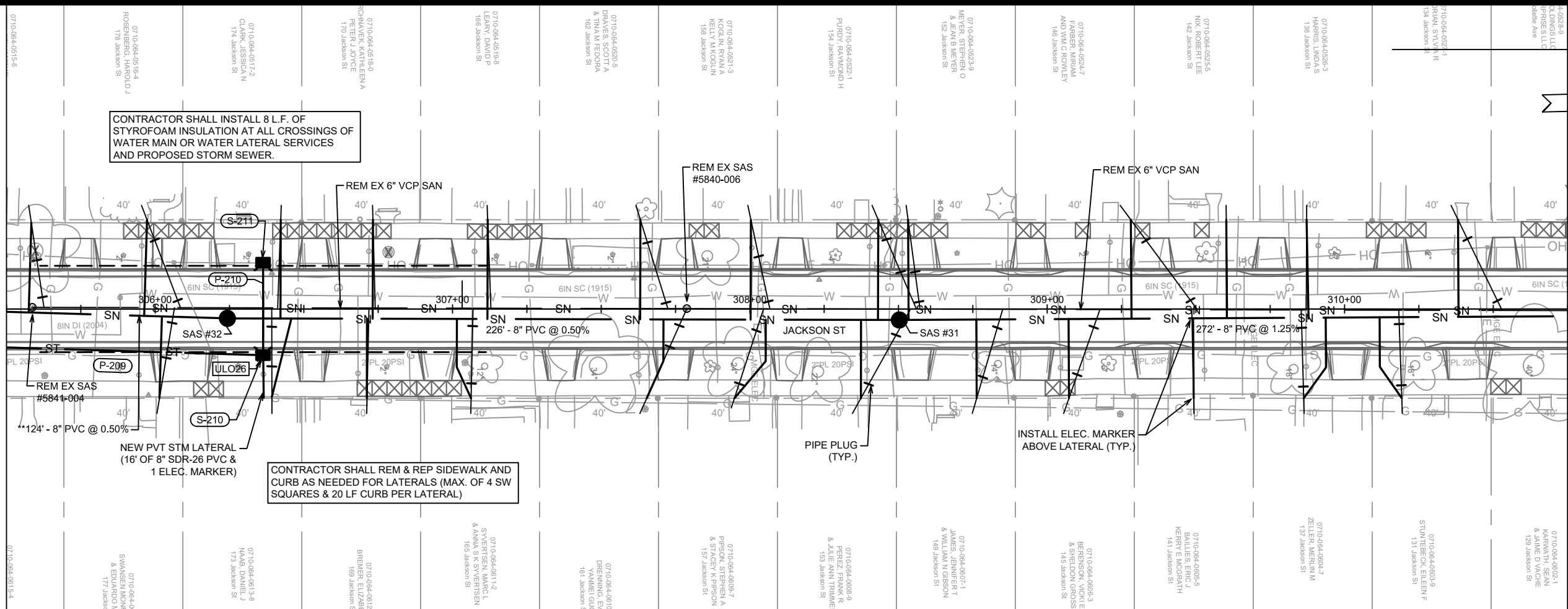
11190
 MADISON, WI
 CONTRACT NO: 8503
 U-5

UTILITY PLAN AND PROFILE - DUNNING STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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 11190
 U-5

MATCH LINE 305+50.00

MATCH LINE 310+75.00



DATE	BY
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MARK	
Designed By: KDF	11190
Scale: 1" = 40'	
U-7	

11190
MADISON, WI
CONTRACT NO: 8503

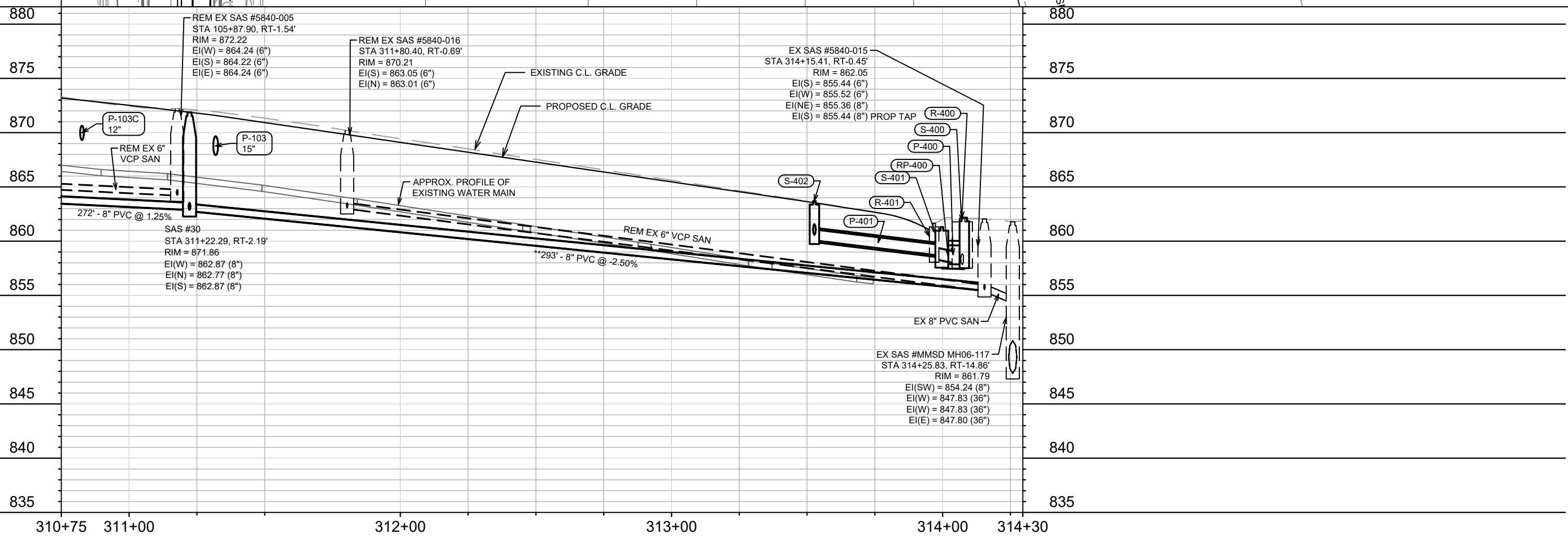
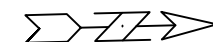
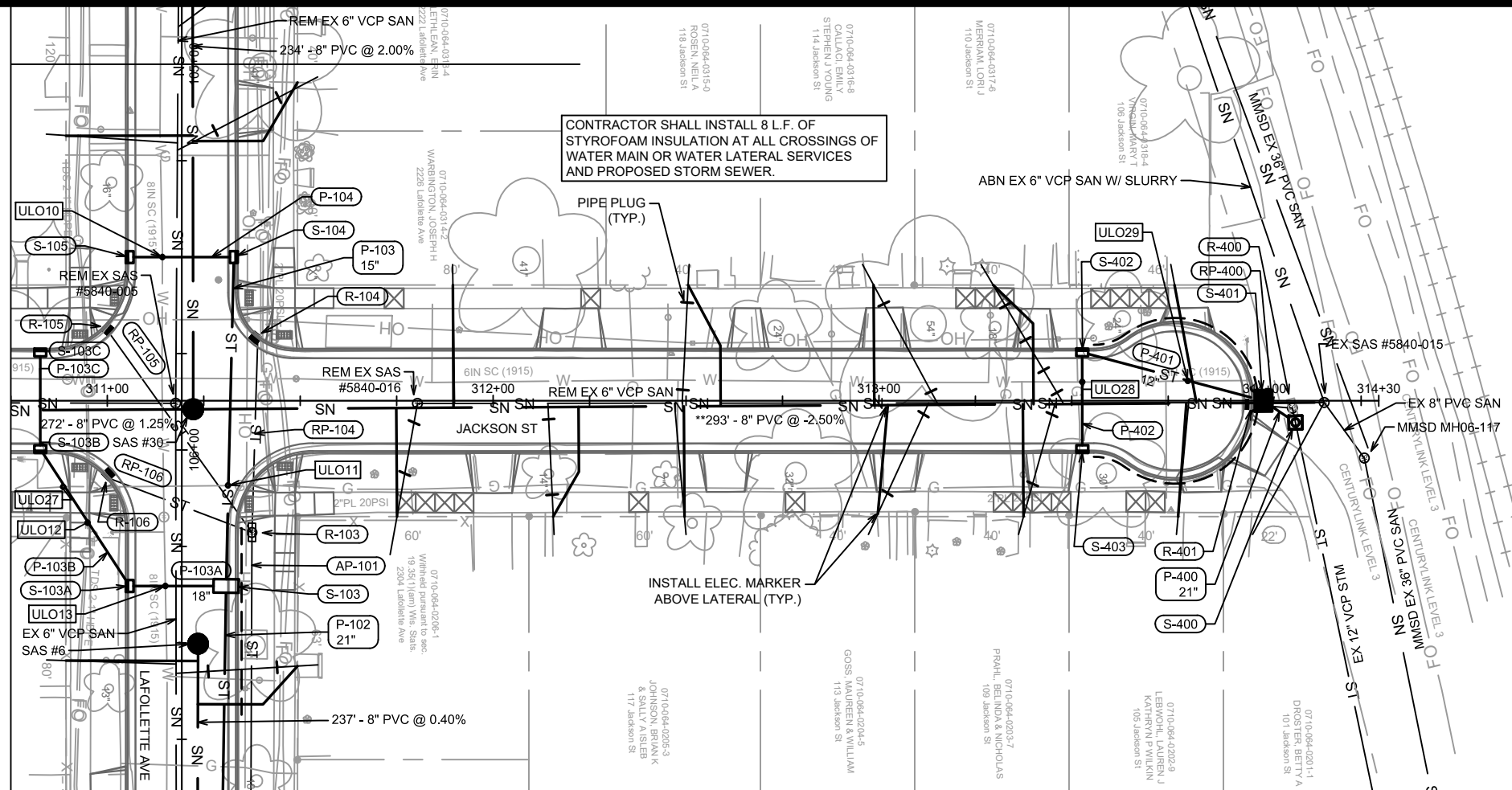
UTILITY PLAN AND PROFILE - JACKSON STREET
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION

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CITY OF MADISON WISCONSIN

11190
U-7

MATCH LINE 310+75.00



MARK	REVISION	DATE	BY
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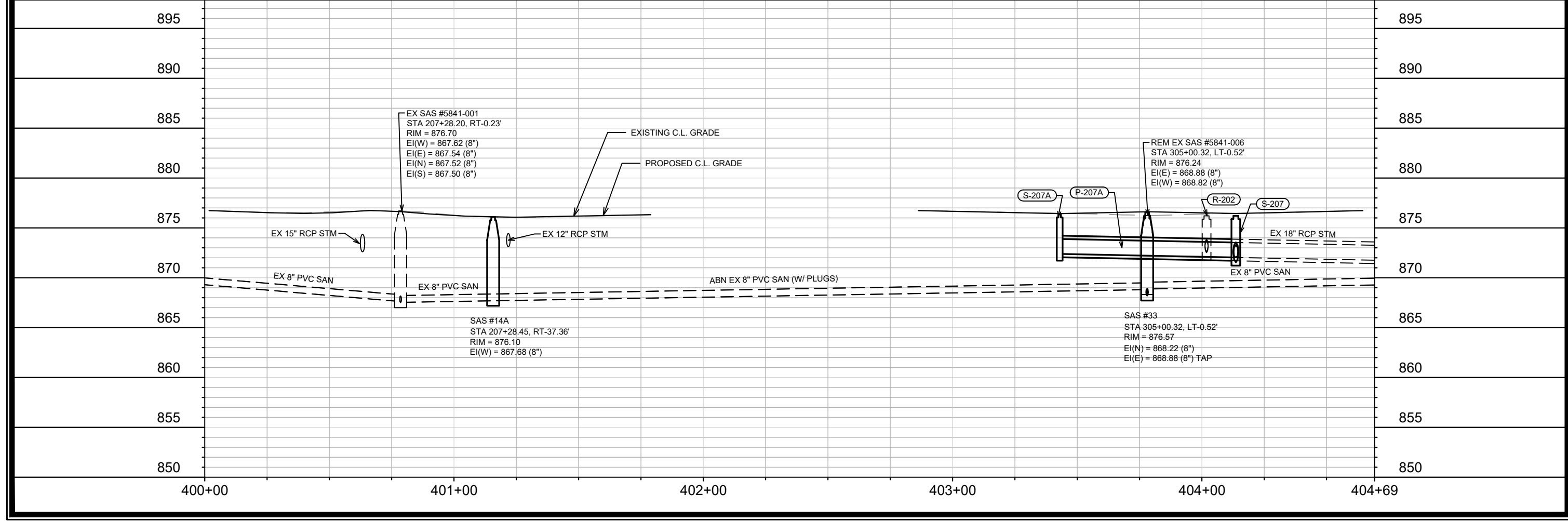
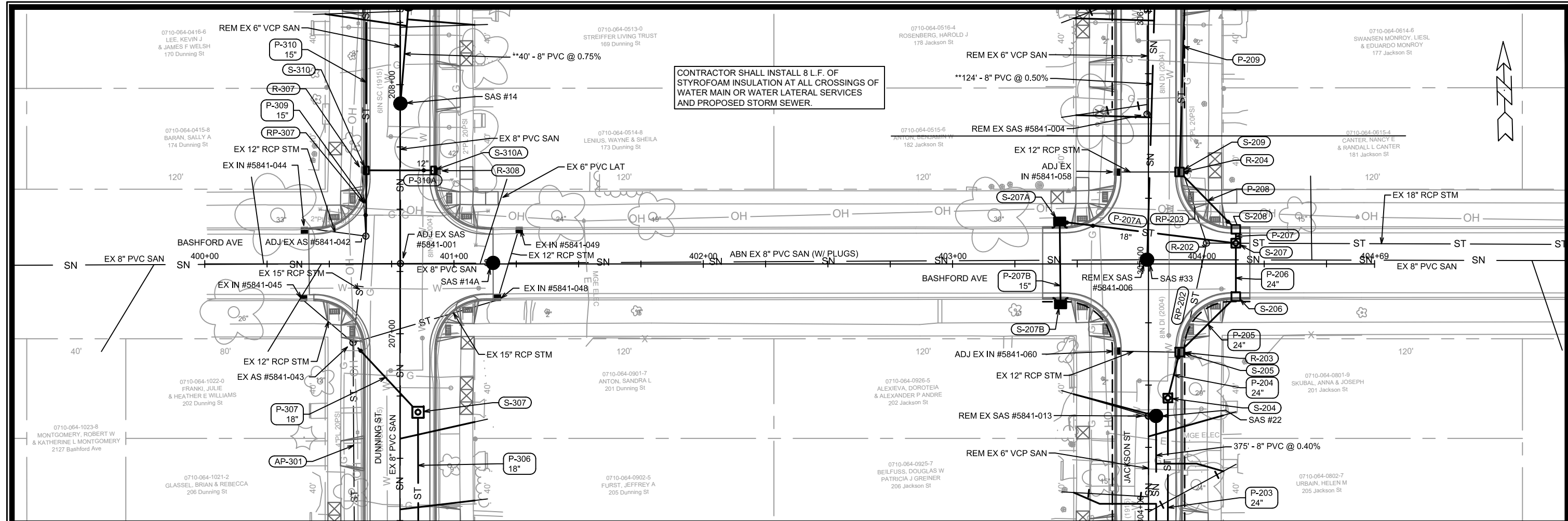
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MADISON, WI
CONTRACT NO: 8503

UTILITY PLAN AND PROFILE - JACKSON STREET
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION

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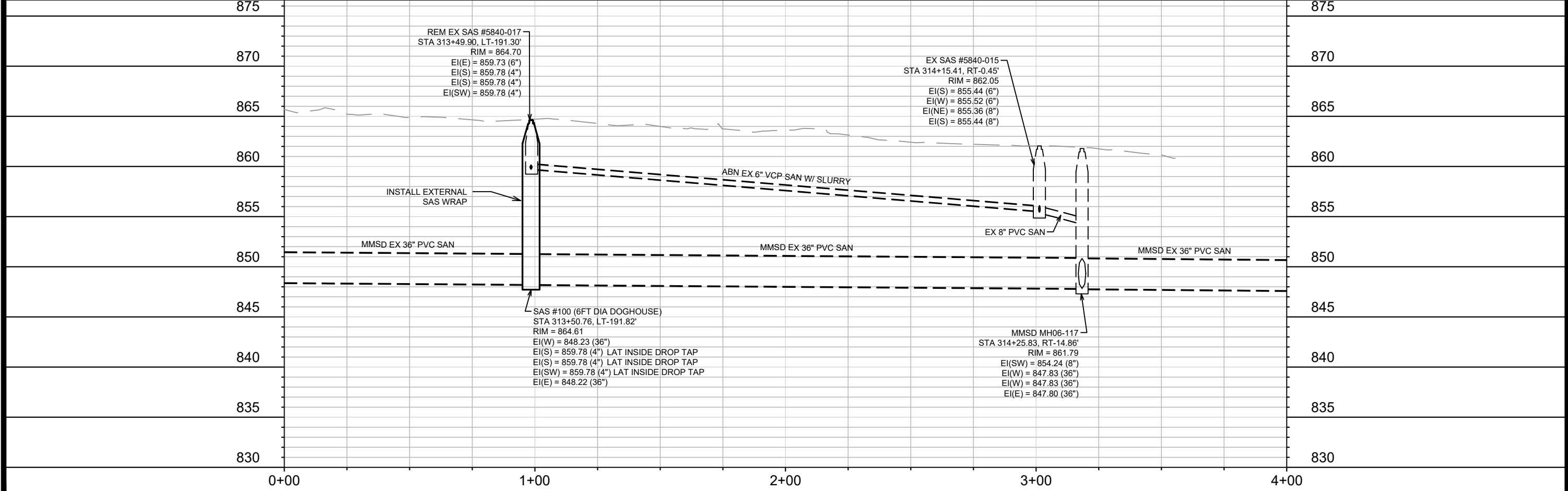
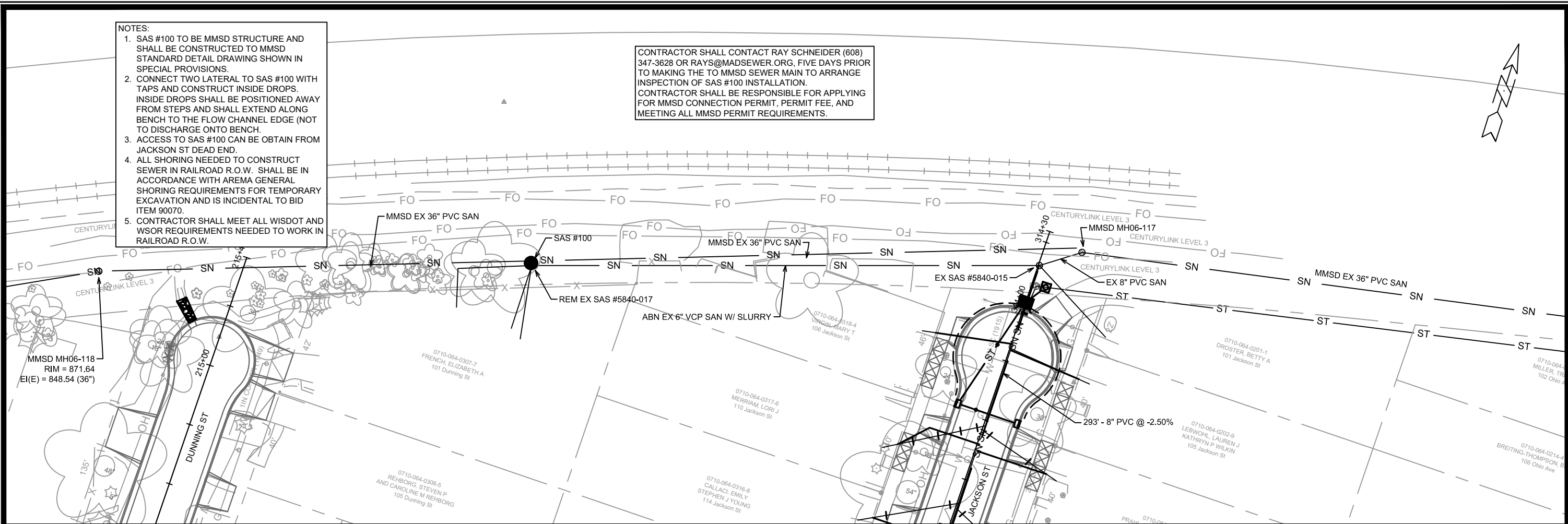
11190
U-8



DATE	BY	U-9
REVISION		
MARK	DESIGNED BY: KDF	Scale: 1" = 40'
11190		
11190	8503	CONTRACT NO.:
UTILITY PLAN AND PROFILE - BASHFORD AVENUE DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION MADISON, WI M:\DESIGN\Projects\11190\CAD\Sanitary\Design\11190SAN-Pipe Network.dwg		
11190 U-9		

- NOTES:
- SAS #100 TO BE MMSD STRUCTURE AND SHALL BE CONSTRUCTED TO MMSD STANDARD DETAIL DRAWING SHOWN IN SPECIAL PROVISIONS.
 - CONNECT TWO LATERAL TO SAS #100 WITH TAPS AND CONSTRUCT INSIDE DROPS. INSIDE DROPS SHALL BE POSITIONED AWAY FROM STEPS AND SHALL EXTEND ALONG BENCH TO THE FLOW CHANNEL EDGE (NOT TO DISCHARGE ONTO BENCH).
 - ACCESS TO SAS #100 CAN BE OBTAIN FROM JACKSON ST DEAD END.
 - ALL SHORING NEEDED TO CONSTRUCT SEWER IN RAILROAD R.O.W. SHALL BE IN ACCORDANCE WITH AREMA GENERAL SHORING REQUIREMENTS FOR TEMPORARY EXCAVATION AND IS INCIDENTAL TO BID ITEM 90070.
 - CONTRACTOR SHALL MEET ALL WISDOT AND WSOR REQUIREMENTS NEEDED TO WORK IN RAILROAD R.O.W.

CONTRACTOR SHALL CONTACT RAY SCHNEIDER (608) 347-3628 OR RAYS@MADSEWER.ORG, FIVE DAYS PRIOR TO MAKING THE TO MMSD SEWER MAIN TO ARRANGE INSPECTION OF SAS #100 INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION PERMIT, PERMIT FEE, AND MEETING ALL MMSD PERMIT REQUIREMENTS.



UTILITY PLAN AND PROFILE - RAILROAD RIGHT OF WAY
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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DATE	BY
REVISION	BY
DESIGNED BY: FBECJ	DATE: 11/23/2020 12:13 PM
SCALE: 1" = 40'	U-10

11190
 MADISON, WI
 8503
 CONTRACT NO.:
 U-10

SANITARY SEWER SCHEDULE

DUNNING, JACKSON, & LAFOLLETTE RECONSTRUCT	SHEET NO.
PROJECT NO. 11190	U-11
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
LAFOLLETTE AVE						
SAS #1	102+24.56	LT-2.96	877.82	869.05	8.77	-
SAS #4	110+00.00	RT-0.81	869.87	862.05	7.82	-
SAS #5	108+87.55	LT-3.55	871.18	862.55	8.63	-
SAS #6	106+50.24	LT-4.25	871.61	863.55	8.06	-
SAS #30A	103+55.45	LT-2.68	877.21	867.55	9.66	-
DUNNING ST						
SAS #10	200+47.30	LT-11.01	866.80	854.16	12.64	[1], 5FT DIA
SAS #10A	200+57.56	RT-27.99	868.84	858.50	10.34	-
SAS #11	202+25.54	RT-3.66	872.95	860.11	12.84	-
SAS #12	204+02.53	RT-2.74	874.23	864.69	9.54	-
SAS #13	204+62.45	LT-0.26	874.62	866.17	8.45	-
SAS #14	207+92.44	RT-0.17	877.11	868.16	8.95	-
SAS #14A	207+28.45	RT-37.36	876.10	867.68	8.42	-
SAS #15	208+32.30	RT-3.44	877.31	868.56	8.75	-
SAS #16	210+01.94	RT-2.03	879.03	869.93	9.10	-
SAS #17	212+81.94	RT-2.64	880.12	872.13	7.99	-
JACKSON ST						
SAS #20	300+37.61	CL	873.41	866.92	6.49	-
SAS #21	300+63.07	RT-3.07	873.77	867.12	6.65	-
SAS #22	304+37.60	RT-3.05	876.18	868.72	7.46	-
SAS #30	311+22.29	RT-2.19	871.86	862.77	9.09	-
SAS #31	308+50.29	RT-3.70	875.66	866.27	9.39	-
SAS #32	306+24.29	RT-3.16	875.67	867.50	8.17	[1]
SAS #33	305+00.32	LT-0.52	876.57	868.22	8.35	-
SAS #100	313+50.76	LT-191.82	864.61	848.22	16.39	[2], [3], 6FT DIA DOGHOUSE

SANITARY STRUCTURES ADJUSTMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	PROP ELEV.	ADJUST DIFF.	NOTES
LAFOLLETTE AVE						
SAS 5740-042	100+31.57	LT-0.44	867.58	867.57	-0.01	-
DUNNING ST						
SAS #5841-001	207+28.20	RT-0.23	876.70	876.63	-0.07	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
LAFOLLETTE AVE								
SAS #5740-042	SAS #1	858.43	869.05	193	5.50%	8"	C900	-
SAS #4	SAS #5	862.10	862.55	113	0.40%	8"	C900	-
SAS #5	SAS #6	862.60	863.55	237	0.40%	8"	SDR-35	-
SAS #30	SAS #30A	862.87	867.55	234	2.00%	8"	SDR-35	-
DUNNING ST								
SAS #5842-002	SAS #10	851.58	854.16	43	6.00%	8"	C900	-
SAS #10	SAS #10A	858.00	858.50	40	1.25%	8"	SDR-35	-
SAS #10	SAS #11	854.26	860.11	180	3.25%	8"	SDR-26	-
SAS #11	SAS #12	860.21	864.69	177	2.53%	8"	SDR-26	-
SAS #12	SAS #13	864.79	866.17	60	2.30%	8"	C900	-
SAS #14	SAS #15	868.26	868.56	40	0.75%	8"	C900	-
SAS #15	SAS #16	868.66	869.93	170	0.75%	8"	SDR-35	-
SAS #16	SAS #17	870.03	872.13	280	0.75%	8"	SDR-35	-
JACKSON ST								
SAS #20	SAS #21	867.02	867.12	26	0.40%	8"	C900	-
SAS #21	SAS #22	867.22	868.72	375	0.40%	8"	SDR-35	-
SAS #5840-015	SAS #30	855.44	862.77	293	2.50%	8"	C900	-
SAS #30	SAS #31	862.87	866.27	272	1.25%	8"	SDR-35	-
SAS #31	SAS #32	866.37	867.50	226	0.50%	8"	SDR-35	-
SAS #32	SAS #33	867.60	868.22	124	0.50%	8"	C900	-

SPECIFIC NOTES

- [1] INSTALL CHIMNEY SEAL
- [2] CONTRACTOR SHALL NOTIFY RAY SCHNEIDER (608) 347-3628 OR RAYS@MADSEWER.ORG, FIVE DAYS PRIOR TO MAKING THE CONNECTION TO MMSD SEWER MAIN TO ARRANGE INSPECTION OF SAS #100 INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR MMSD CONNECTION PERMIT AND FEE.
- [3] INSTALL EXTERNAL SAS WRAP IN ACCORDANCE WITH S.D.D. 5.7.2

SANITARY SEWER SCHEDULE

SANITARY STRUCTURE REMOVALS & ABANDONMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
LAFOLLETTE AVE						
SAS #5840-001	102+15.38	RT-0.75	877.87	870.12	7.75	-
SAS #5840-004	103+69.20	RT-0.09	877.38	869.36	8.02	-
SAS #5840-005	105+87.90	RT-1.54	872.22	864.22	8.00	-
SAS #5840-007	108+87.54	RT-1.22	871.17	863.25	7.92	-
DUNNING ST						
SAS #5842-002	200+09.40	LT-31.39	865.64	851.54	14.10	-
SAS #5842-001	200+46.52	LT-13.99	866.75	859.53	7.22	-
SAS #5841-016	202+31.75	RT-0.22	873.43	865.08	8.35	-
SAS #5841-003	204+62.45	LT-0.26	875.07	866.46	8.61	-
SAS #5841-022	207+92.44	RT-0.17	877.36	868.16	9.20	-
SAS #5840-003	210+07.75	RT-0.56	879.41	871.57	7.84	-
SAS #5840-002	212+86.26	LT-0.15	880.39	873.36	7.03	-
JACKSON ST						
SAS #5841-015	300+38.45	RT-1.09	873.48	866.92	6.56	-
SAS #5841-014	300+60.79	RT-0.09	873.92	867.22	6.70	-
SAS #5841-013	304+37.56	LT-0.05	876.19	870.08	6.11	-
SAS #5841-006	305+00.32	LT-0.52	876.24	868.82	7.42	-
SAS #5841-004	305+58.72	LT-0.54	876.09	869.09	7.00	-
SAS #5840-006	307+78.81	LT-0.13	875.62	868.46	7.16	-
SAS #5840-016	311+80.40	RT-0.69	870.21	863.01	7.20	-
SAS #5840-017	313+49.90	LT-191.30	864.70	859.73	4.97	-

SANITARY PIPES REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
LAFOLLETTE AVE						
SAS #5740-042	SAS #5840-001	179	6"	VCP	N	-
SAS #5840-005	SAS #5840-004	215	6"	VCP	N	-
SAS #5840-007	SAS #5840-005	295	6"	VCP	N	-
SAS #6	SAS #5840-005	55	6"	VCP	Y	ABANDON W/ SLURRY
SAS #4	SAS #5840-007	110	6"	VCP	N	-
DUNNING ST						
SAS #5842-002	SAS #5842-001	37	8"	VCP	N	-
SAS #5842-001	SAS #5841-016	184	8"	VCP	N	-
SAS #5841-016	SAS #5841-003	226	8"	VCP	N	-
SAS #5841-022	SAS #5840-003	211	6"	VCP	N	-
SAS #5840-003	SAS #5840-002	275	6"	VCP	N	-
JACKSON ST						
SAS #5841-015	SAS #5841-014	19	6"	VCP	N	-
SAS #5841-014	SAS #5841-013	373	6"	VCP	N	-
SAS #5840-015	SAS #5840-016	231	6"	VCP	N	-
SAS #5840-005	SAS #5840-006	335	6"	VCP	N	-
SAS #5840-006	SAS #5841-004	216	6"	VCP	N	-
SAS #5840-015	SAS #5840-017	198	6"	VCP	Y	ABANDON W/ SLURRY
BASHFORD AVE						
SAS #15A	SAS #5841-006	258.00	8"	PVC	N	ABAN W/PLUGS. PLUGS INCIDENTAL

SPECIFIC NOTES

STORM SEWER SCHEDULE

DUNNING, JACKSON, & LAFOLLETTE RECONSTRUCT	SHEET NO.
PROJECT NO. 11190	U-13
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
LAFOLLETTE AVE							
S-100	109+20.53	LT-17.83	TAP	-	865.72	-	-
S-101	109+17.53	LT-8.77	4X4 SAS	870.63	865.77	4.86	W/R-1550-0054
S-102	108+51.30	LT-8.17	4X4 SAS	870.55	866.10	4.45	W/R-3067-7004-V
S-102A	108+51.30	LT-13.50	H INLET	870.77	867.13	3.64	LP, UD, W/R-3067-7004-VB
S-102B	108+51.30	RT-13.50	H INLET	871.73	867.61	4.12	LP, UD, W/R-3067-7004-VB
S-102C	108+74.80	RT-36.03	H INLET	871.42	868.02	3.40	W/R-3067-7004-V
S-103	106+35.26	LT-11.50	3X6 SAS	871.71	867.43	4.28	[1], LP, UD
S-103A	106+35.26	RT-13.50	H INLET	872.56	868.52	4.04	LP, UD, W/R-3067-7004-VB
S-103B	105+99.76	RT-36.66	H INLET	873.14	869.17	3.97	W/R-3067-7004-V
S-103C	105+74.76	RT-36.66	H INLET	873.47	869.53	3.94	W/R-3067-7004-V
S-104	105+50.00	LT-13.50	H INLET	872.11	868.36	3.75	W/R-3067-7004-V
S-105	105+50.00	RT-13.50	H INLET	873.01	869.22	3.79	W/R-3067-7004-V
JACKSON ST							
S-200A	300+03.90	LT-7.84	TAP	-	868.00	-	-
S-200B	300+20.53	LT-31.75	H INLET	873.46	869.89	3.57	LP, UD, W/R-3067-7004-VB
S-200	300+03.90	LT-7.84	TAP	-	867.08	-	-
S-201	300+34.47	RT-8.91	3X3 SAS	873.10	869.01	4.09	W/R-1550-0054
S-202	300+81.90	RT-7.64	3X3 SAS	874.05	869.37	4.68	W/R-1550-0054
S-202A	300+87.73	RT-38.89	H INLET	874.40	870.93	3.47	LP, UD, W/R-3067-7004-VB
S-203	303+50.32	RT-7.75	3X3 SAS	876.52	870.71	5.81	W/R-1550-0054
S-204	304+44.78	RT-7.79	3X3 SAS	876.05	872.02	4.03	W/R-1550-0054
S-205	304+63.22	RT-12.50	3X3 SAS	876.27	871.28	4.99	LP, UD, W/R-3067-7004-VB
S-206	304+85.51	RT-35.05	3X3 SAS	876.58	871.44	5.14	LP, UD, W/R-3067-7004-VB
S-207	305+06.93	RT-35.06	3X3 SAS	876.20	871.55	4.65	W/R-1550-0054
S-208	305+12.50	RT-35.07	3X3 SAS	876.47	872.08	4.39	LP, UD, W/R-3067-7004-VB
S-209	305+35.52	RT-12.50	3X3 SAS	876.29	872.25	4.04	W/R-3067-7004-V
S-210	306+36.30	RT-15.59	TERR IN TYPE 3	875.47	872.74	2.73	LP, UD
S-211	306+36.30	LT-15.59	TERR IN TYPE 3	875.70	872.90	2.80	LP, UD
S-207A	305+15.69	LT-35.59	TERR IN TYPE 3	876.38	872.39	3.99	LP, UD
S-207B	304+82.38	LT-35.26	TERR IN TYPE 3	876.36	872.81	3.55	LP, UD
S-400	314+07.98	RT-5.64	3X3 SAS	862.17	857.84	4.33	W/R-1550-0054
S-401	313+99.09	LT-0.01	TERR IN TYPE 2	861.30	857.89	3.41	LP, UD
S-402	313+52.69	LT-12.57	H INLET	863.70	860.07	3.63	W/R-3067-7004-V
S-403	313+52.72	RT-12.50	H INLET	863.70	860.70	3.00	W/R-3067-7004-V

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
LAFOLLETTE AVE										
P-100	S-100	S-101	865.72	865.77	9.5	4.8	1.05%	24"	RCP	-
P-101	S-101	S-102	865.77	866.10	66.5	62.2	0.53%	24"	RCP	-
P-102	S-102	S-103	866.35	867.43	216	212.6	0.51%	21"	RCP	-
P-102A	S-102	S-102A	867.10	867.13	5.5	2.3	1.28%	12"	RCP	-
P-102B	S-102	S-102B	866.85	867.61	21.5	18.7	4.06%	15"	RCP	-
P-102C	S-102B	S-102C	867.86	868.02	32.5	29.5	0.54%	12"	RCP	-
P-103	S-103	S-104	867.93	868.36	85.5	82.3	0.52%	15"	RCP	-
P-103A	S-103	S-103A	867.68	868.52	25	21.0	4.00%	18"	RCP	-
P-103B	S-103A	S-103B	868.77	869.17	42.5	39.3	1.02%	15"	RCP	-
P-103C	S-103B	S-103C	869.42	869.53	25	23.0	0.50%	12"	RCP	-
P-104	S-104	S-105	868.61	869.22	27	25.0	2.44%	12"	RCP	-
JACKSON ST										
P-200A	S-200A	S-200B	868.00	869.89	29	25.1	7.52%	12"	RCP	-
P-200	S-200	S-201	867.08	869.01	35	29.3	6.59%	24"	RCP	-
P-201	S-201	S-202	869.01	869.37	47.5	44.5	0.81%	24"	RCP	-
P-202	S-202	S-203	869.37	870.71	268.5	265.4	0.50%	24"	RCP	-
P-202A	S-202	S-202A	870.37	870.93	32	28.6	1.96%	12"	RCP	-
P-203	S-203	S-204	870.71	871.18	94.5	91.5	0.51%	24"	RCP	-
P-204	S-204	S-205	871.18	871.28	19	15.9	0.63%	24"	RCP	-
P-205	S-205	S-206	871.28	871.44	32	27.3	0.59%	24"	RCP	-
P-206	S-206	S-207	871.44	871.55	21.5	18.4	0.60%	24"	RCP	-
P-207	S-207	S-208	872.05	872.08	6	3.1	0.97%	14"X23"	HERCP	-
P-207A	S-207	S-207A	872.03	872.39	71	68.8	0.52%	18"	RCP	-
P-207B	S-207A	S-207B	872.64	872.81	33.5	30.1	0.56%	15"	RCP	-
P-208	S-208	S-209	872.08	872.25	32.5	28.6	0.60%	14"X23"	HERCP	-
P-209	S-209	S-210	872.25	872.74	101	98.4	0.50%	14"X23"	HERCP	-
P-210	S-210	S-211	872.74	872.90	31	27.9	0.57%	15"	RCP	-
P-400	S-400	S-401	857.84	857.89	10	6.1	0.82%	21"	RCP	-
P-401	S-401	S-402	858.64	860.07	48	45.5	3.14%	12"	RCP	-
P-402	S-402	S-403	860.57	860.70	25	23.1	0.56%	12"	RCP	-

SPECIFIC NOTES

[1] OFFSET PIPES COMING INTO STRUCTURE 2' FROM CENTER, AWAY FROM CURB. STRUCTURE SHALL HAVE ONE R-3067-7004-VB AND ONE R-1550-0054

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.

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:

- 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

DUNNING, JACKSON, & LAFOLLETTE RECONSTRUCT	SHEET NO.
PROJECT NO. 11190	U-14
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
DUNNING ST							
S-300	11+13.65	RT-18.80	TAP	-	859.45	-	-
S-301	200+13.48	LT-7.91	6X6 SAS	866.08	860.78	5.30	W/1550-0054
S-302	200+35.37	LT-3.99	4X4 SAS	866.53	860.89	5.64	W/1550-0054
S-302A	200+35.18	LT-16.98	H INLET	866.68	862.50	4.18	W/R-3067-7004-V
S-303	201+02.03	RT-9.33	4X4 SAS	868.87	861.22	7.65	W/1550-0054
S-304	202+04.94	RT-8.32	5X5 SAS	872.38	861.73	10.65	W/1550-0054
S-304A	202+23.76	LT-15.97	4X4 SAS	872.56	861.57	10.99	W/1550-0054
S-305	202+71.06	RT-8.16	3X3 SAS	873.37	868.19	5.18	W/1550-0054
S-305A	202+71.06	RT-13.50	H INLET	873.67	869.82	3.85	W/R-3067-7004-V
S-305B	202+71.06	LT-13.50	H INLET	873.20	869.35	3.85	W/R-3067-7004-V
S-306	204+82.03	RT-7.67	4X4 SAS	874.58	869.77	4.81	W/1550-0054
S-306A	204+82.03	RT-13.50	H INLET	874.87	871.03	3.84	W/R-3067-7004-V
S-306B	204+82.03	LT-13.51	H INLET	874.87	871.11	3.76	W/R-3067-7004-V
S-307	206+68.49	RT-7.23	4X4 SAS	876.07	871.91	4.16	W/1550-0054 W/R-3067-7004-V
S-310	207+65.60	LT-13.50	H INLET	877.58	873.17	4.41	W/R-3067-7004-V
S-310A	207+65.60	RT-13.50	H INLET	876.98	873.76	3.22	W/R-3067-7004-V
S-311	208+91.79	LT-13.50	H INLET	878.54	873.99	4.55	W/R-3067-7004-V
S-312	209+35.22	RT-13.50	H INLET	878.40	874.37	4.03	W/R-3067-7004-V
S-313	210+71.05	RT-13.50	H INLET	879.73	875.93	3.80	W/R-3067-7004-V
S-313A	210+70.41	LT-13.50	H INLET	880.68	876.83	3.85	W/R-3067-7004-V
S-320	11+17.75	RT-17.70	TAP	-	0.00	-	-
S-321	199+90.09	RT-38.35	3X3 SAS	867.45	861.02	6.43	FP, W/1550-0054
S-322	200+10.68	RT-54.35	TAP	-	0.00	-	-
S-322A	200+14.58	RT-32.93	COLLAR	-	861.61	-	-
S-323	200+10.58	RT-57.99	H INLET	865.75	863.10	2.65	FP, W/R-3067-7004-V
S-324	200+14.58	RT-32.93	BEND	-	-	-	-

STORM SEWER ULOs (5 ADDITIONAL INDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
LAFOLLETTE AVE					
ULO10	105+50.00	RT-5.00	WATER	-	-
ULO11	106+09.21	LT-12.00	GAS	-	-
ULO12	106+18.87	RT-24.38	FIBER	-	-
ULO13	106+35.26	RT-4.22	WATER	-	-
ULO14	108+53.34	RT-15.77	GAS	-	-
ULO15	108+65.19	RT-27.19	FIBER	-	-

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
DUNNING ST										
P-300	S-300	S-301	859.45	860.78	60	53	2.51%	30"	RCP	-
P-301	S-301	S-302	860.78	860.89	22.5	16.95	0.65%	30"	RCP	-
P-302	S-302	S-303	860.89	861.22	65	61.19	0.54%	30"	RCP	-
P-302A	S-302	S-302A	861.95	862.50	13	9.93	5.54%	12"	RCP	-
P-303	S-303	S-304	861.22	861.73	103	98.41	0.52%	30"	RCP	-
P-304	S-304	S-305	862.48	868.19	66	62.35	9.16%	21"	RCP	-
P-304A	S-304	S-304A	861.42	861.57	31	24.83	0.60%	24"	RCP	-
P-305	S-305	S-306	868.19	869.77	211	207.49	0.76%	21"	RCP	-
P-305A	S-305	S-305A	869.77	869.82	5.5	2.85	1.75%	12"	RCP	-
P-305B	S-305	S-305B	869.13	869.35	22	19.18	1.15%	12"	RCP	-
P-306	S-306	S-307	870.02	871.91	186.5	182.48	1.04%	18"	RCP	-
P-306A	S-306	S-306A	870.77	871.03	6	2.89	9.00%	12"	RCP	-
P-306B	S-306	S-306B	870.77	871.11	21	18.19	1.87%	12"	RCP	-
P-307	S-307	S-308	871.91	872.11	38.5	32.66	0.61%	18"	RCP	-
P-309	S-309	S-310	872.91	873.17	26.5	23.41	1.11%	15"	RCP	-
P-310	S-310	S-311	873.17	873.99	126	123.2	0.67%	15"	RCP	-
P-310A	S-310	S-310A	873.42	873.76	27	25.02	1.36%	12"	RCP	-
P-311	S-311	S-312	873.99	874.37	51	47.53	0.80%	15"	RCP	-
P-312	S-312	S-313	874.37	875.93	136	132.84	1.17%	15"	RCP	-
P-313A	S-313	S-313A	876.18	876.83	27	25.04	2.60%	12"	RCP	-
P-320	S-200	S-321	860.75	861.02	22	16.7	1.62%	18"	RCP	-
P-322	S-322	S-323	863.08	863.10	4	3.65	0.55%	12"	RCP	-

STORM SEWER ULOs (5 ADDITIONAL INDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
JACKSON ST					
ULO20	300+15.31	LT-24.28	WATER	-	-
ULO21	304+61.00	RT-11.95	WATER	-	-
ULO22	305+13.94	LT-22.28	GAS	-	-
ULO23	305+15.24	LT-32.67	GAS	-	-
ULO24	305+15.51	RT-31.95	GAS	-	-
ULO25	305+35.41	RT-15.30	GAS	-	-
ULO26	306+36.30	RT-15.32	GAS	-	-
ULO27	310+88.59	RT-22.32	GAS	-	-
ULO28	313+52.70	LT-4.88	WATER	-	-
ULO29	313+80.09	LT-5.16	WATER	-	-

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.

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:

- 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

DUNNING, JACKSON, & LAFOLLETTE RECONSTRUCT	SHEET NO.
PROJECT NO. 11190	U-15
STORM SEWER SCHEDULE	
CITY OF MADISON	

REMOVE STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
LAFOLLETTE AVE				
R-100	108+66.63	RT-18.96	INLET	-
R-101	108+68.00	LT-20.74	INLET	-
R-102	108+03.36	LT-17.50	SAS	-
R-103	106+21.41	LT-18.20	SAS	-
R-104	105+70.18	LT-19.74	INLET	-
R-105	105+68.06	RT-19.92	INLET	-
R-106	106+07.00	RT-19.73	INLET	-
DUNNING ST				
R-300	199+83.87	RT-16.68	SAS	-
R-301	200+13.48	LT-7.91	SAS	-
R-302	200+35.37	LT-3.99	SAS	-
R-302A	200+35.30	LT-18.05	INLET	-
R-303	201+02.10	RT-3.66	SAS	-
R-304	202+23.76	LT-15.97	SAS	-
R-305	202+53.28	LT-19.50	INLET	-
R-306	204+92.37	LT-17.49	SAS	-
R-307	207+65.77	LT-15.32	INLET	-
R-308	207+65.43	RT-15.92	INLET	-
R-309	200+14.58	RT-32.93	INLET	-
JACKSON ST				
R-200	300+36.49	LT-18.35	INLET	-
R-201	300+91.04	RT-23.48	INLET	-
R-202	304+63.15	RT-13.75	INLET	-
R-203	305+06.98	RT-23.31	SAS	-
R-204	305+35.54	RT-13.86	INLET	-
R-400	314+07.20	RT-1.91	SAS	-
R-401	313+96.83	RT-1.01	INLET	-

STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	TYPE	EX. TOC ELEV.	PROP. ELEV.	ADJUST DIFF.	NOTES
DUNNING ST							
AS #5842-002	11+17.00	21.5	CATCHBASIN	865.95	866.00	0.05	[1]
IN #5842-061	200+11.85	53.22	INLET	866.23	866.18	-0.05	-
AS #5841-042	207+39.20	-13.65	SAS	876.73	876.88	0.15	-
JACKSON ST							
IN #5841-061	304+63.60	LT-13.50	INLET	876.14	876.28	0.14	-

STORM SEWER ULOs (5 ADDITIONAL INDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
DUNNING ST					
ULO30	11+18.14	RT-15.68	TELE DUCT	-	-
ULO31	11+10.56	RT-15.68	TELE DUCT	-	-
ULO32	199+81.35	RT-21.09	WATER	-	-
ULO33	199+97.75	RT-6.10	FIBER	-	-
ULO34	200+21.20	LT-6.53	GAS	-	-

SPECIFIC NOTES

[1] ADJUSTMENT TO BE PAID UNDER BID ITEM 90030 RECONSTRUCT CATCHBASIN TO SAS CASTING

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
LAFOLLETTE AVE							
RP-100	AS #5840-013	R-100	60	12"	VCP	Y	-
RP-101	AS #5840-013	R-101	48	12"	VCP	Y	-
RP-102	AS #5840-013	S-102A	62	12"	VCP	Y	-
RP-104	R-103	R-104	47	12"	VCP	Y	-
RP-105	R-103	R-105	60	12"	VCP	Y	-
RP-106	R-103	R-106	36	12"	VCP	Y	-
DUNNING ST							
RP-300	S-300	R-300	15	24"	RCP	N	-
RP-301	R-300	R-301	31	24"	RCP	N	-
RP-302	R-301	R-302	18	18"	VCP	N	-
RP-303	R-302	R-303	62	18"	VPC	Y	-
RP-304	R-303	R-304	119	18"	VCP	Y	-
RP-305	R-304	R-305	26	12"	RCP	Y	-
RP-307	AS #5841-042	R-307	24	15"	RCP	N	-
RP-308	R-307	R-308	28	12"	RCP	N	-
RP-320	R-300	S-320	17	18"	VCP	Y	-
JACKSON ST							
RP-201	AS #5841-016	R-201	88	12"	VCP	Y	-
RP-202	R-202	R-203	42	15"	RCP	Y	-
RP-203	R-202	R-204	27	15"	RCP	Y	-
RP-400	R-401	R-400	7	12"	VCP	N	-

STORM SEWER ABANDONMENTS

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	PIPE SIZE	TYPE	PAID (Y/N)	NOTES
LAFOLLETTE AVE							
AP-100	AS #5840-013	R-102	50	12"	VCP	Y	PAID IN PLUGS (3 PLUGS)
AP-101	R-103	R-102	177	12"	VCP	Y	PAID IN PLUGS (4 PLUGS)
DUNNING ST							
AP-300	R-305	R-306	235	12"	VCP	Y	PAID IN PLUGS (10 PLUGS)
AP-301	R-306	AS #5841-043	200	12"	VCP	Y	PAID IN PLUGS (7 PLUGS)
JACKSON ST							
AP-200	AS #5841-016	R-500	29.05'	12"	RCP	Y	PAID IN PLUGS (1 PLUGS)

STORM SEWER ULOs (5 ADDITIONAL INDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
DUNNING ST					
ULO35	200+25.60	LT-5.50	ELECTRIC	-	-
ULO36	206+93.19	LT-15.75	GAS	-	-
ULO37	207+47.61	LT-13.80	GAS	-	-
ULO38	207+65.60	RT-9.56	WATER	-	-
ULO39	209+04.74	LT-5.45	WATER	-	-

GENERAL ELECTRICAL NOTES

1. ALL LOCATIONS ARE APPROXIMATE, THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD, AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM), AT LEAST 24HOURS IN ADVANCE OF NEEDED BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED, SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION" AND ADDEMDUMS THERETO. cityofmadison.com/business/pw/specs.cfm
4. THE CONTRACTOR SHALL CALL TROY VANT (395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY MATERIALS:
 $\frac{3}{4}$ " X 19" ANCHOR BOLTS: 3 SETS OF 4 FOR TYPE G BASES
6. THE CONTRACTOR SHALL INSTALL LOOP LEAD DUCT CONDUITS (PER S.D.D. 6.04) PRIOR TO CITY CREWS INSTALLING LOOP DETECTOR WIRES, NOTIFY TOM BODENSTEIN (266-4767) A MINIMUM OF 24 HOURS AND MAXIMUM OF 48 HOURS PRIOR TO INSTALL LOOP DETECTION WIRES IN THE BASE COURSE.

INSTALL LOOP LEAD CONDUITS FROM EXISTING HANDHOLE
LOOP DETECTOR WIRES TO BE INSTALLED BY TE
SEE NOTE 6

TS-1
TYPE G BASE
STA: 10+60 OFF: 40.31 L
(1) - 2" PVC

HH-1
TYPE 7
STA: 10+50 OFF: 43.10 L
INTERCEPT EXISTING CONDUITS WITH NEW HH

WP1
WOOD POLE
STA: 10+45 OFF: 38.65 L

PROPOSED SANITARY
SEE U-SHEETS

PROPOSED STORM
SEE U-SHEETS

TS2
TYPE G BASE
STA: 11+23 OFF: 47.19 R

HH3
TYPE 1
STA: 11+22 OFF: 49.81 R

(1) - 2" PVC FROM HH TO G BASES

TS3
TYPE G BASE
STA: 11+19 OFF: 53.10 R

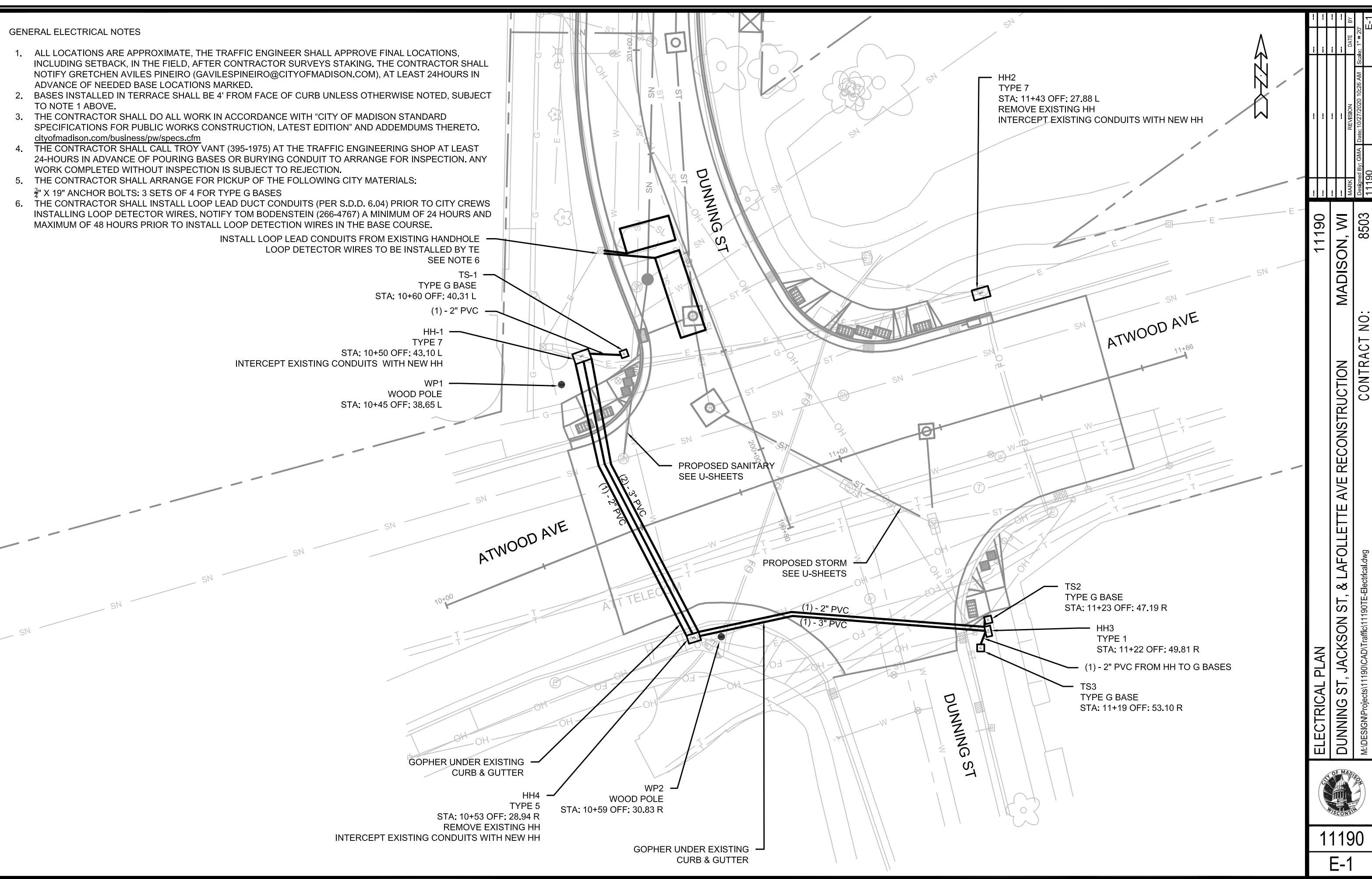
GOPHER UNDER EXISTING
CURB & GUTTER

HH4
TYPE 5
STA: 10+53 OFF: 28.94 R
REMOVE EXISTING HH
INTERCEPT EXISTING CONDUITS WITH NEW HH

WP2
WOOD POLE
STA: 10+59 OFF: 30.83 R

GOPHER UNDER EXISTING
CURB & GUTTER

HH2
TYPE 7
STA: 11+43 OFF: 27.88 L
REMOVE EXISTING HH
INTERCEPT EXISTING CONDUITS WITH NEW HH



REVISION	DATE	BY

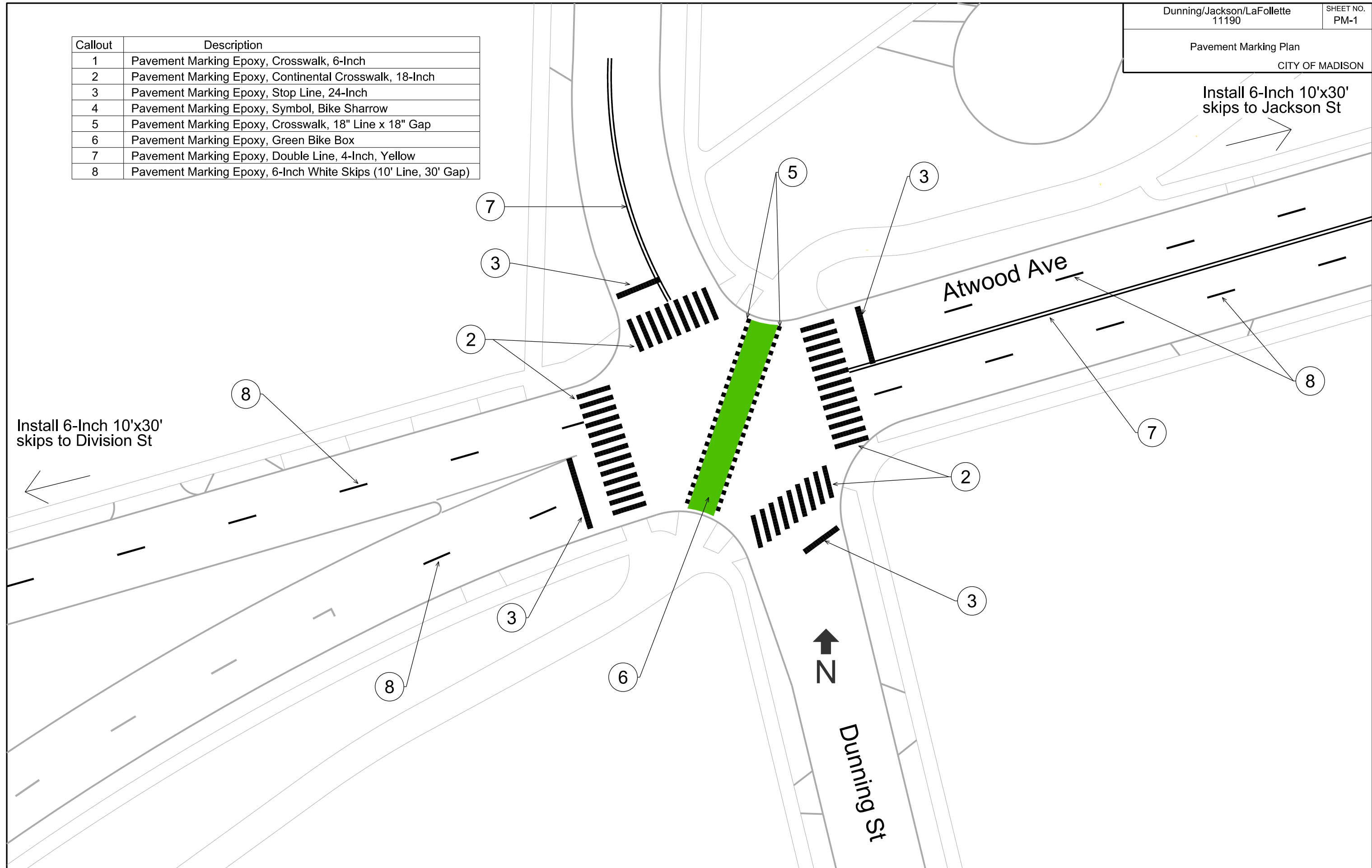
11190	MADISON, WI	8503	CONTRACT NO:
ELECTRICAL PLAN			
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION			
11190		E-1	

M:\DESIGN\Projects\11190\CAD\Traffic\11190TE-Electrical.dwg

Callout	Description
1	Pavement Marking Epoxy, Crosswalk, 6-Inch
2	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Symbol, Bike Sharrow
5	Pavement Marking Epoxy, Crosswalk, 18" Line x 18" Gap
6	Pavement Marking Epoxy, Green Bike Box
7	Pavement Marking Epoxy, Double Line, 4-Inch, Yellow
8	Pavement Marking Epoxy, 6-Inch White Skips (10' Line, 30' Gap)

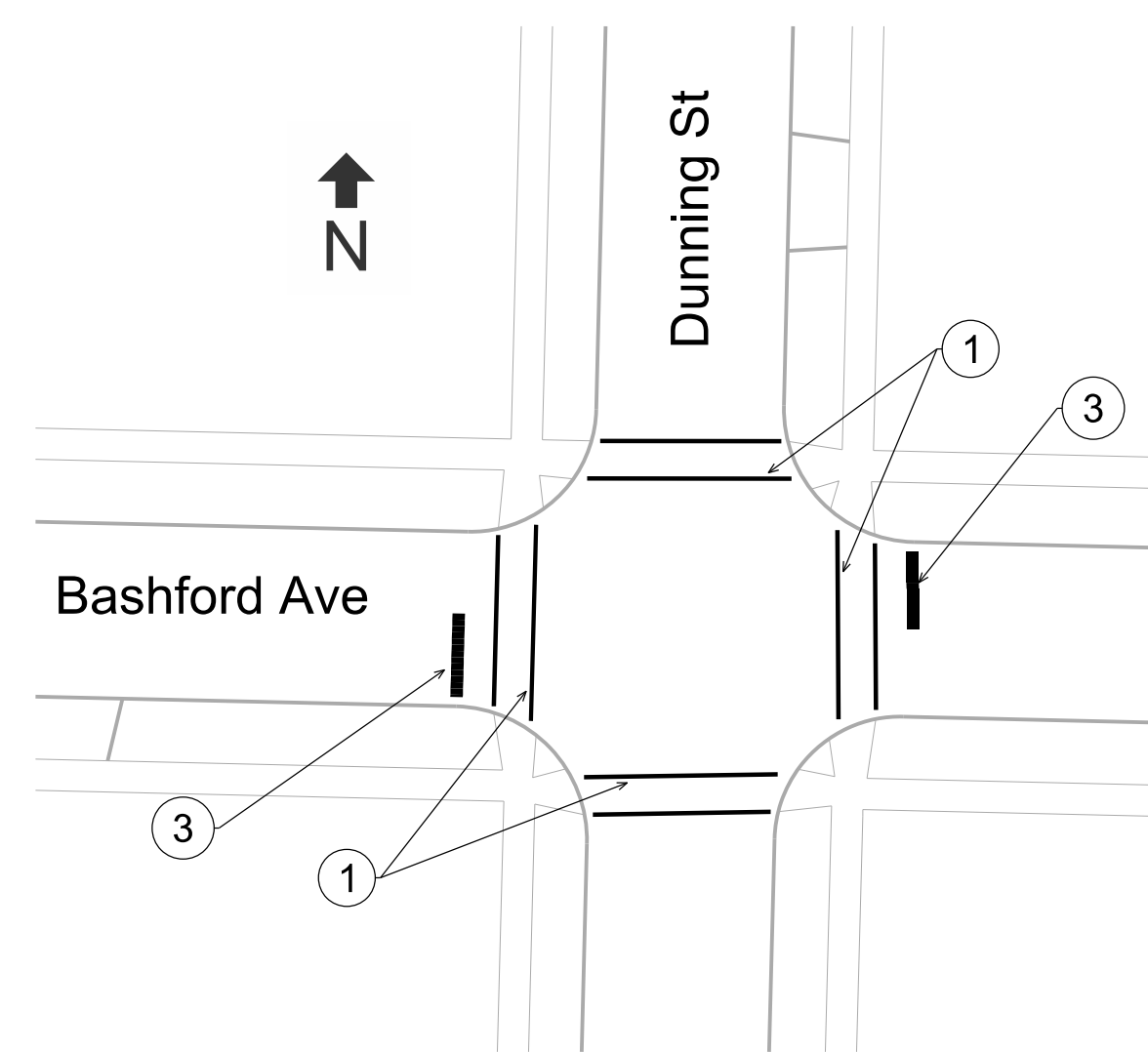
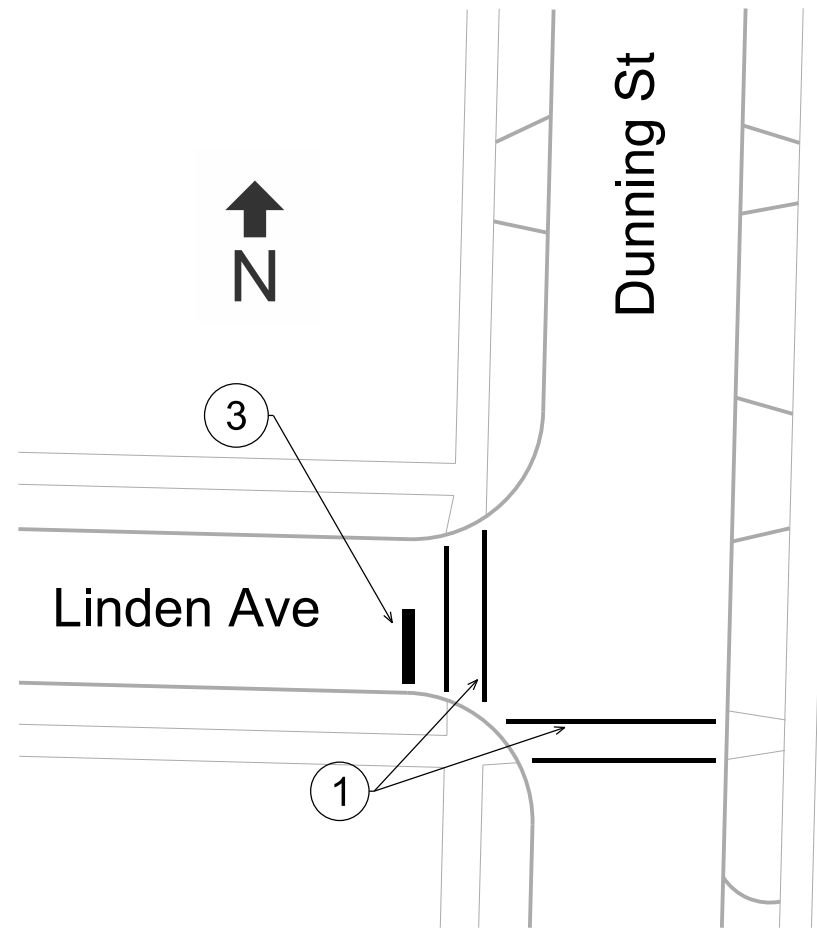
Install 6-Inch 10'x30' skips to Jackson St

Install 6-Inch 10'x30' skips to Division St



PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Description
1	Pavement Marking Epoxy, Crosswalk, 6-Inch
2	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Symbol, Bike Sharrow
5	Pavement Marking Epoxy, Crosswalk, 18" Line x 18" Gap
6	Pavement Marking Epoxy, Green Bike Box
7	Pavement Marking Epoxy, Double Line, 4-Inch, Yellow
8	Pavement Marking Epoxy, 6-Inch White Skips (10' Line, 30' Gap)



PLOT SCALE:

PLOT NAME:

REV. DATE:

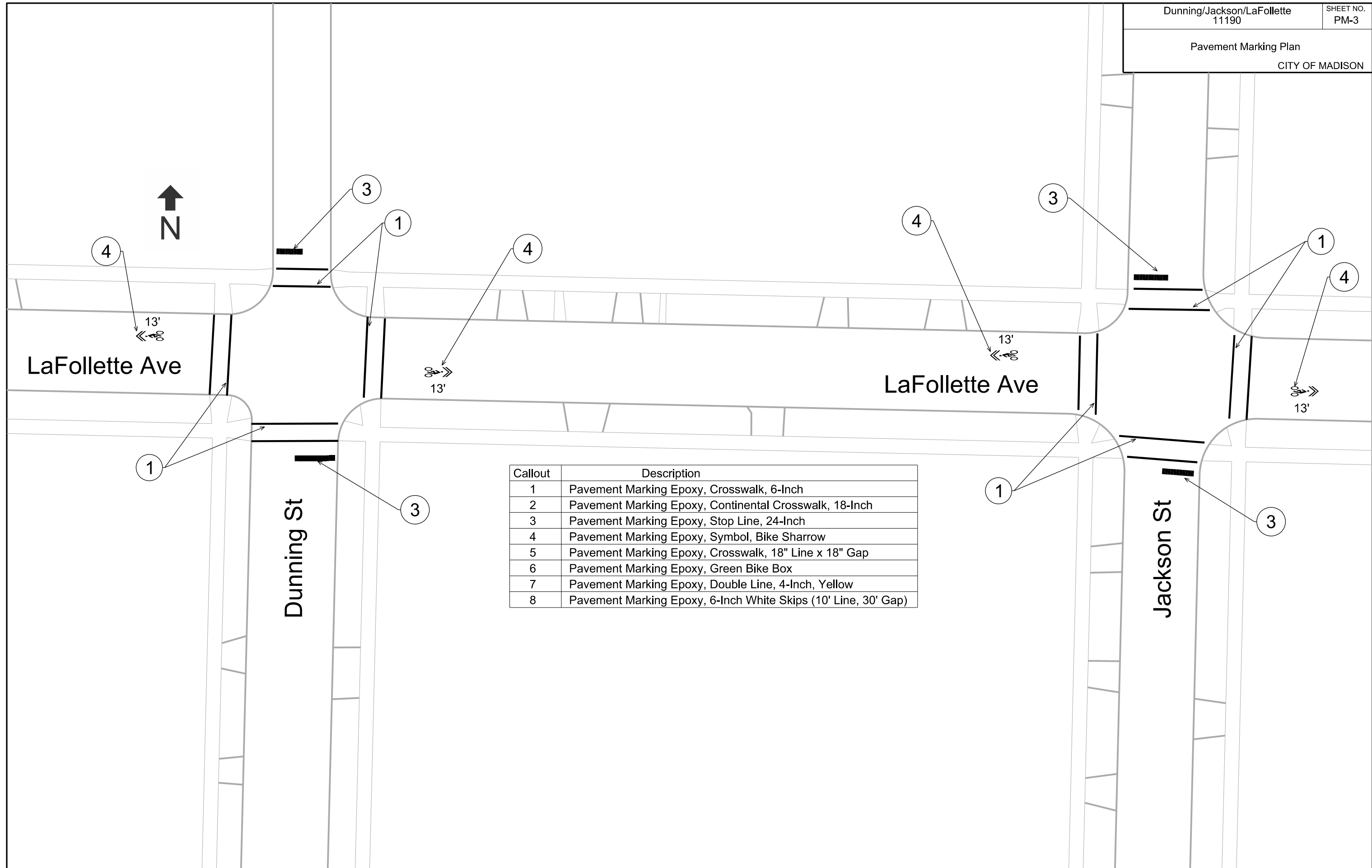
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

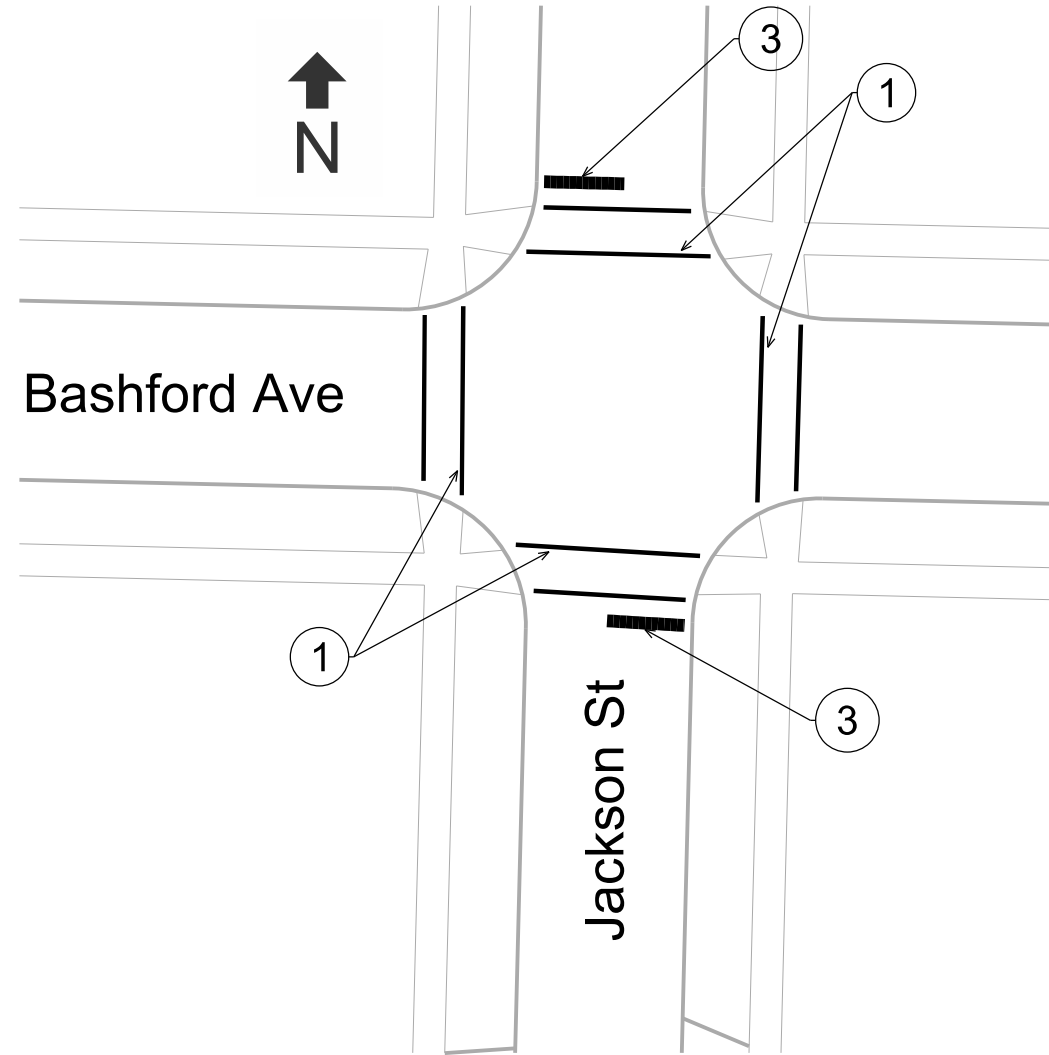
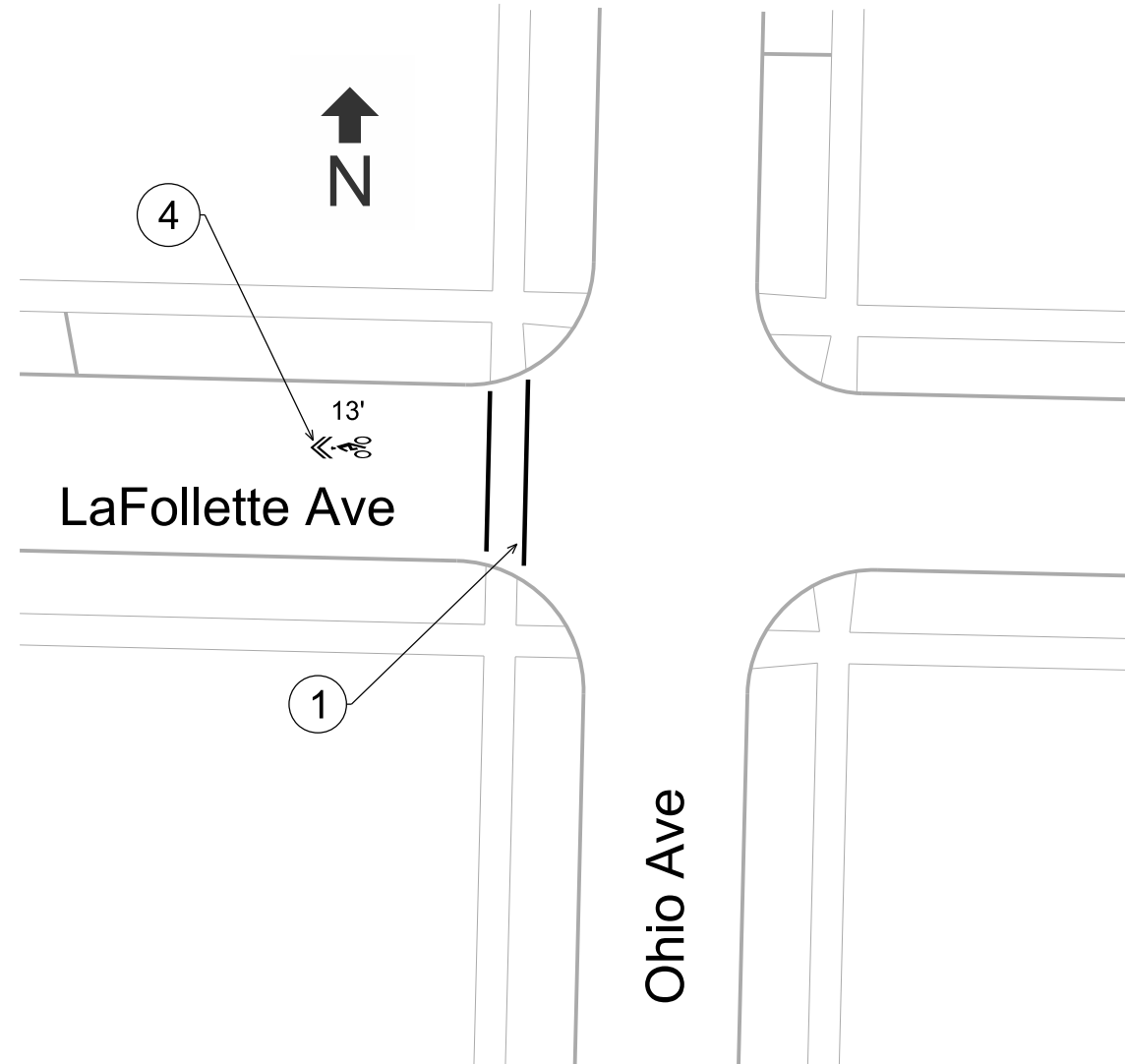


Callout	Description
1	Pavement Marking Epoxy, Crosswalk, 6-Inch
2	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Symbol, Bike Sharrow
5	Pavement Marking Epoxy, Crosswalk, 18" Line x 18" Gap
6	Pavement Marking Epoxy, Green Bike Box
7	Pavement Marking Epoxy, Double Line, 4-Inch, Yellow
8	Pavement Marking Epoxy, 6-Inch White Skips (10' Line, 30' Gap)

Pavement Marking Plan

CITY OF MADISON

Callout	Description
1	Pavement Marking Epoxy, Crosswalk, 6-Inch
2	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
3	Pavement Marking Epoxy, Stop Line, 24-Inch
4	Pavement Marking Epoxy, Symbol, Bike Sharrow
5	Pavement Marking Epoxy, Crosswalk, 18" Line x 18" Gap
6	Pavement Marking Epoxy, Green Bike Box
7	Pavement Marking Epoxy, Double Line, 4-Inch, Yellow
8	Pavement Marking Epoxy, 6-Inch White Skips (10' Line, 30' Gap)



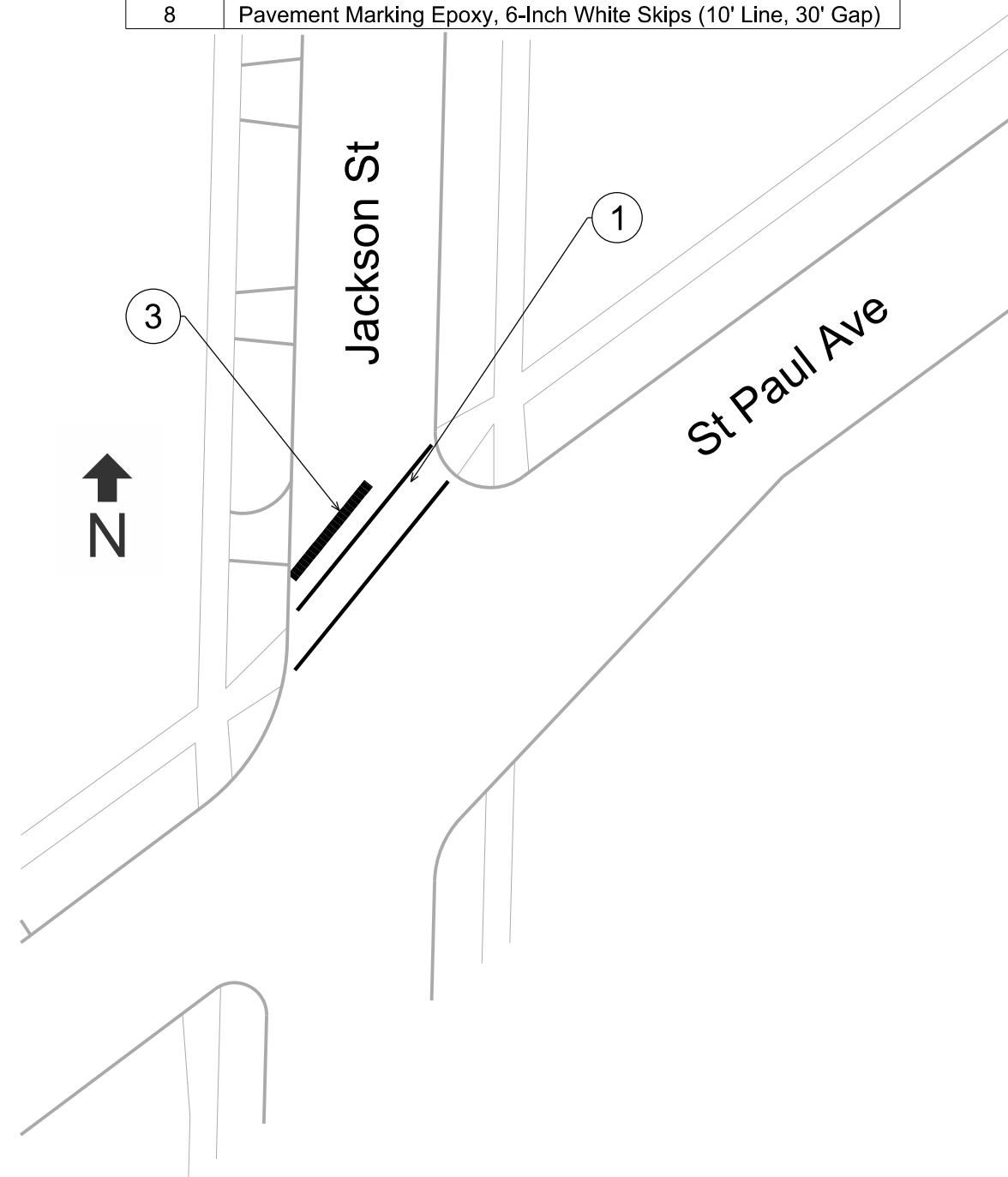
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Callout	Description
1	Pavement Marking Epoxy, Crosswalk, 6-Inch
2	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
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6	Pavement Marking Epoxy, Green Bike Box
7	Pavement Marking Epoxy, Double Line, 4-Inch, Yellow
8	Pavement Marking Epoxy, 6-Inch White Skips (10' Line, 30' Gap)










PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

LEGEND

-  Sign
-  Traffic Flow
-  Arrow Board
-  Work Zone
-  Barricade
-  Tubular Marker
-  Barrel

Division St

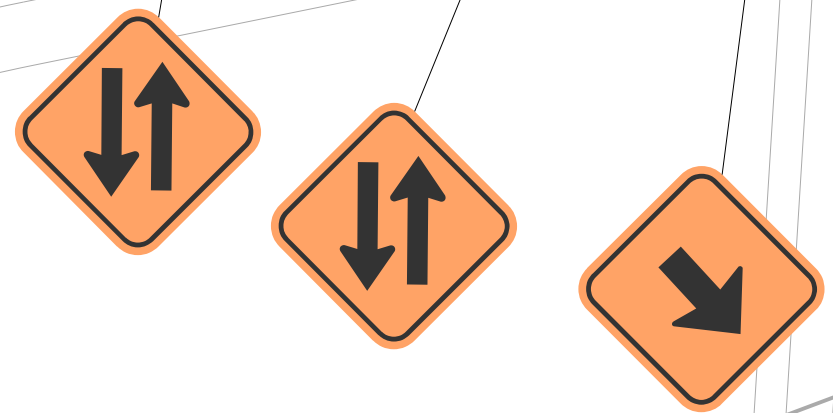
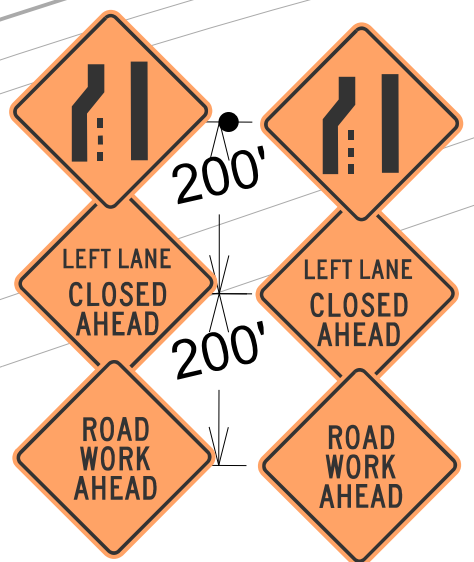
Dunning St

Matchline

Atwood Ave

Eastwood Dr

Dunning St



160'

12' min

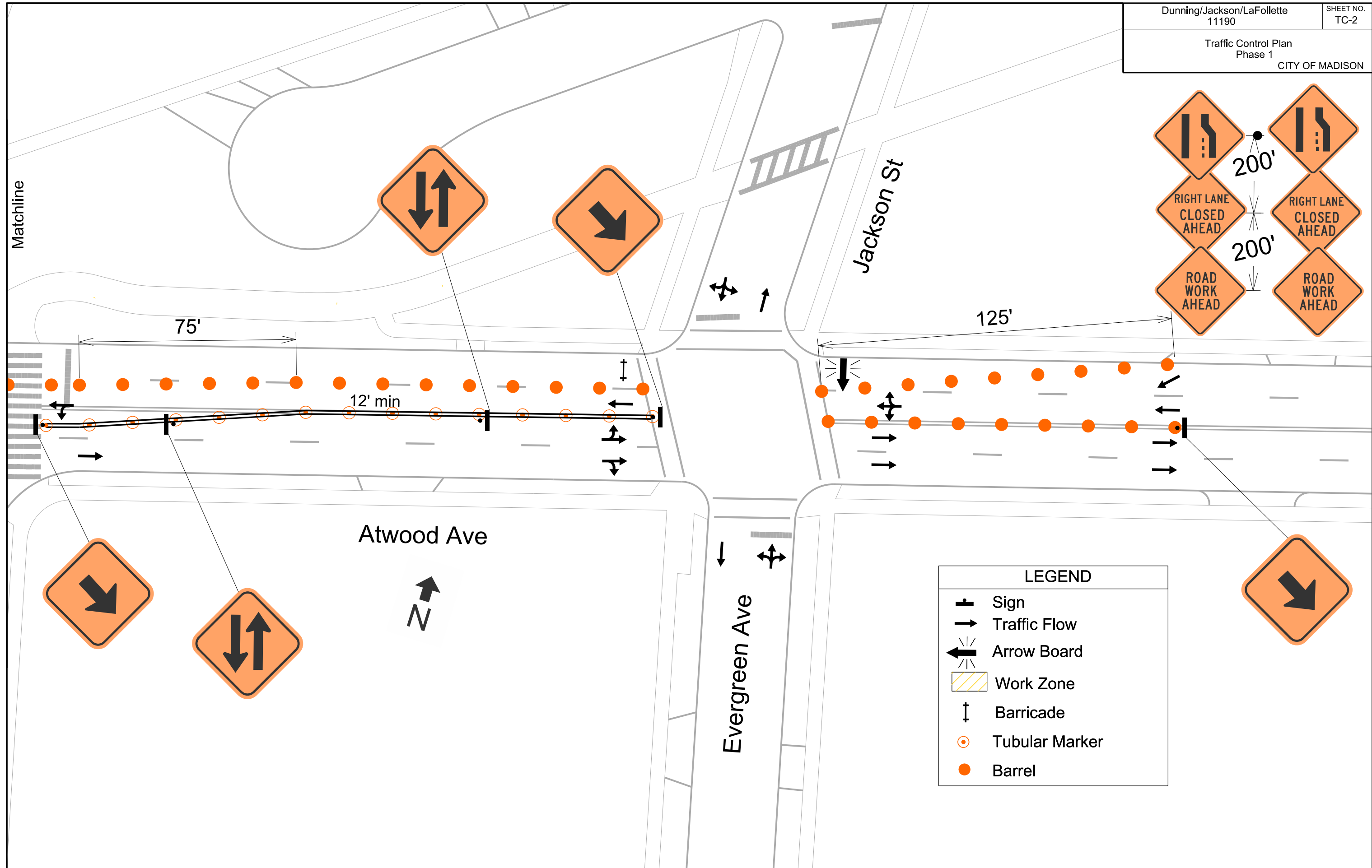
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

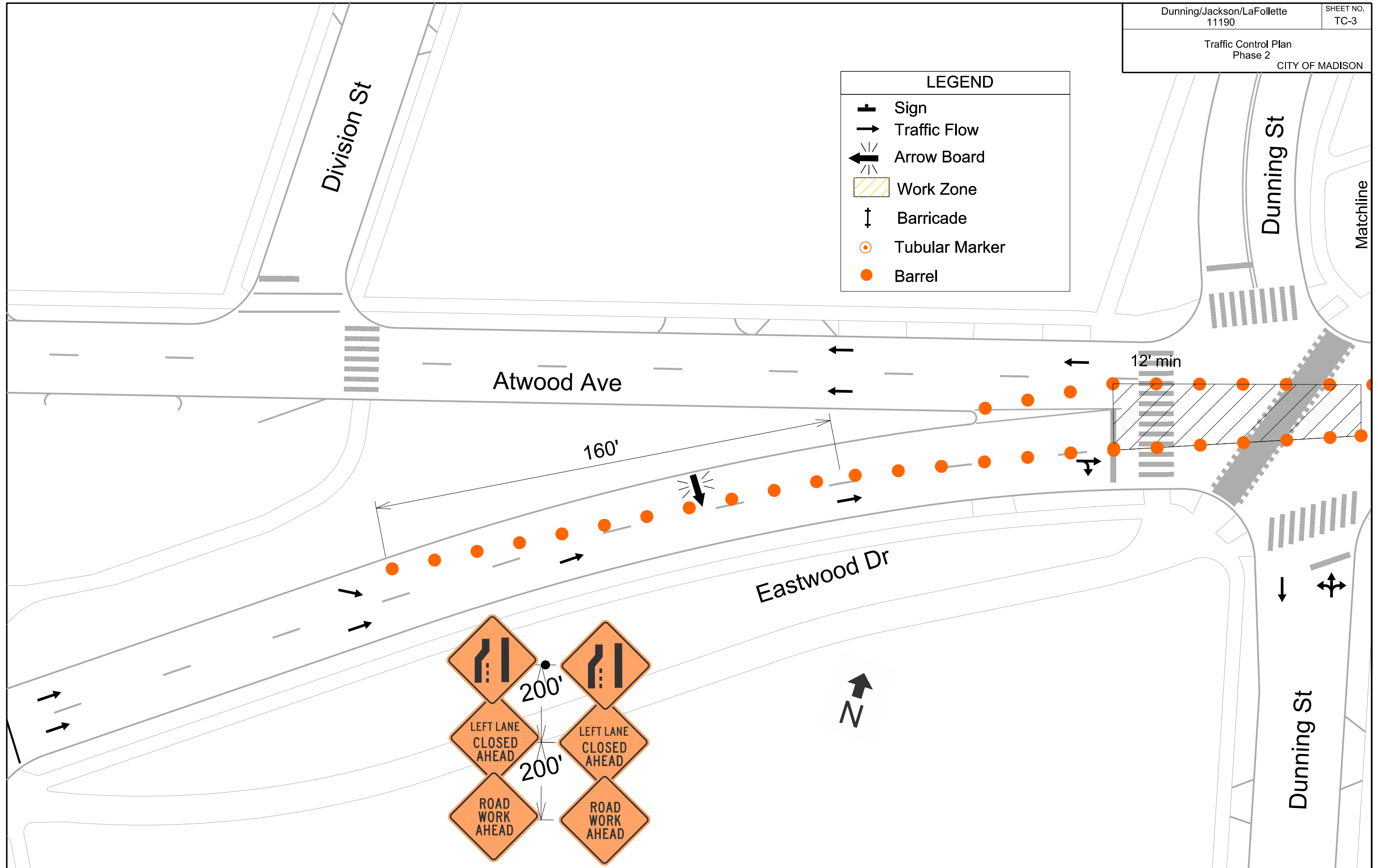


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Work Zone
	Barricade
	Tubular Marker
	Barrel

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Work Zone
- Barricade
- Tubular Marker
- Barrel

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



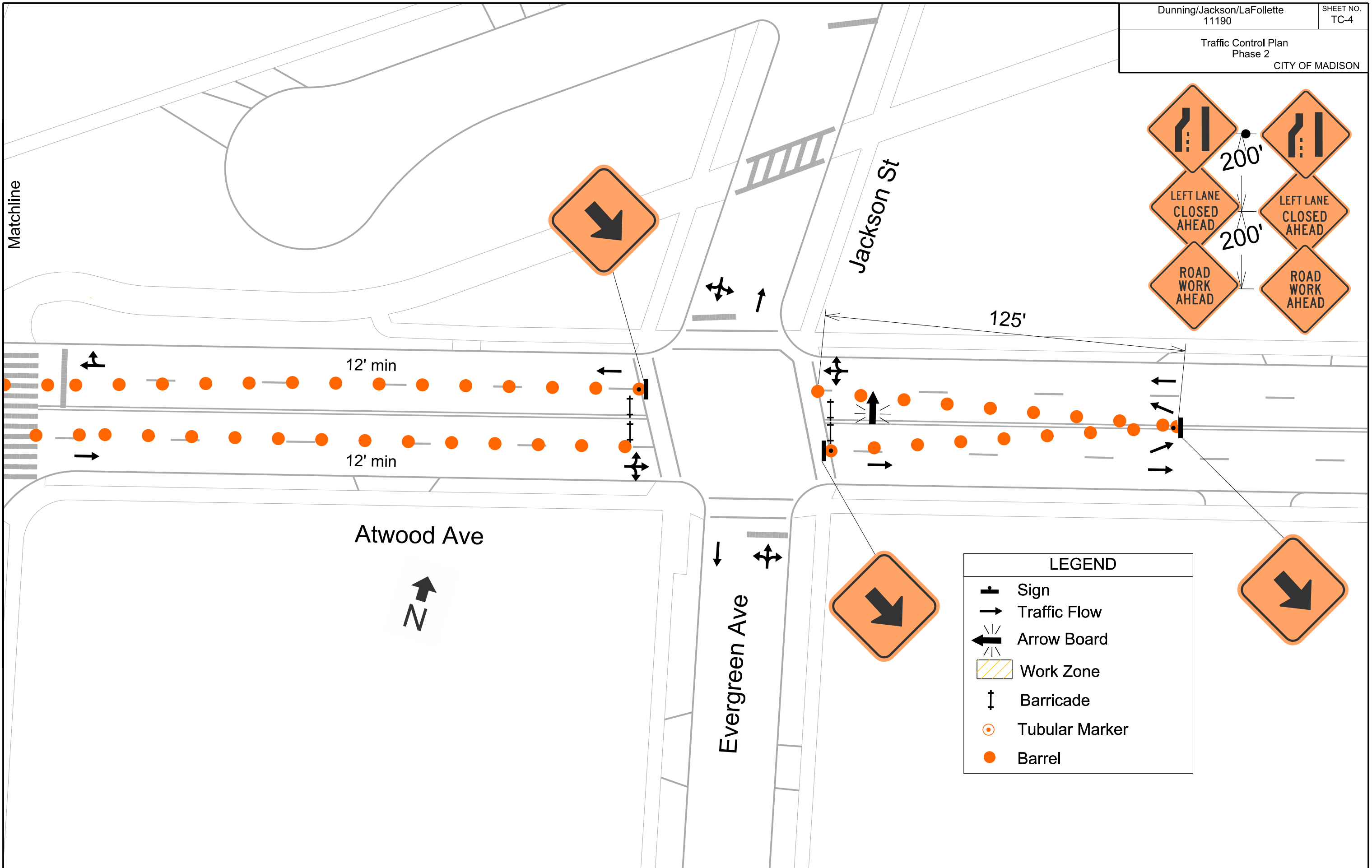
Two sets of traffic signs are shown. Each set consists of three signs stacked vertically: a diamond-shaped sign with a lane closure symbol, a rectangular sign that reads "LEFT LANE CLOSED AHEAD", and a diamond-shaped sign that reads "ROAD WORK AHEAD". The distance between the top and middle signs is 200', and the distance between the middle and bottom signs is also 200'.

PLOT SCALE:

PLOT NAME:

REV. DATE:

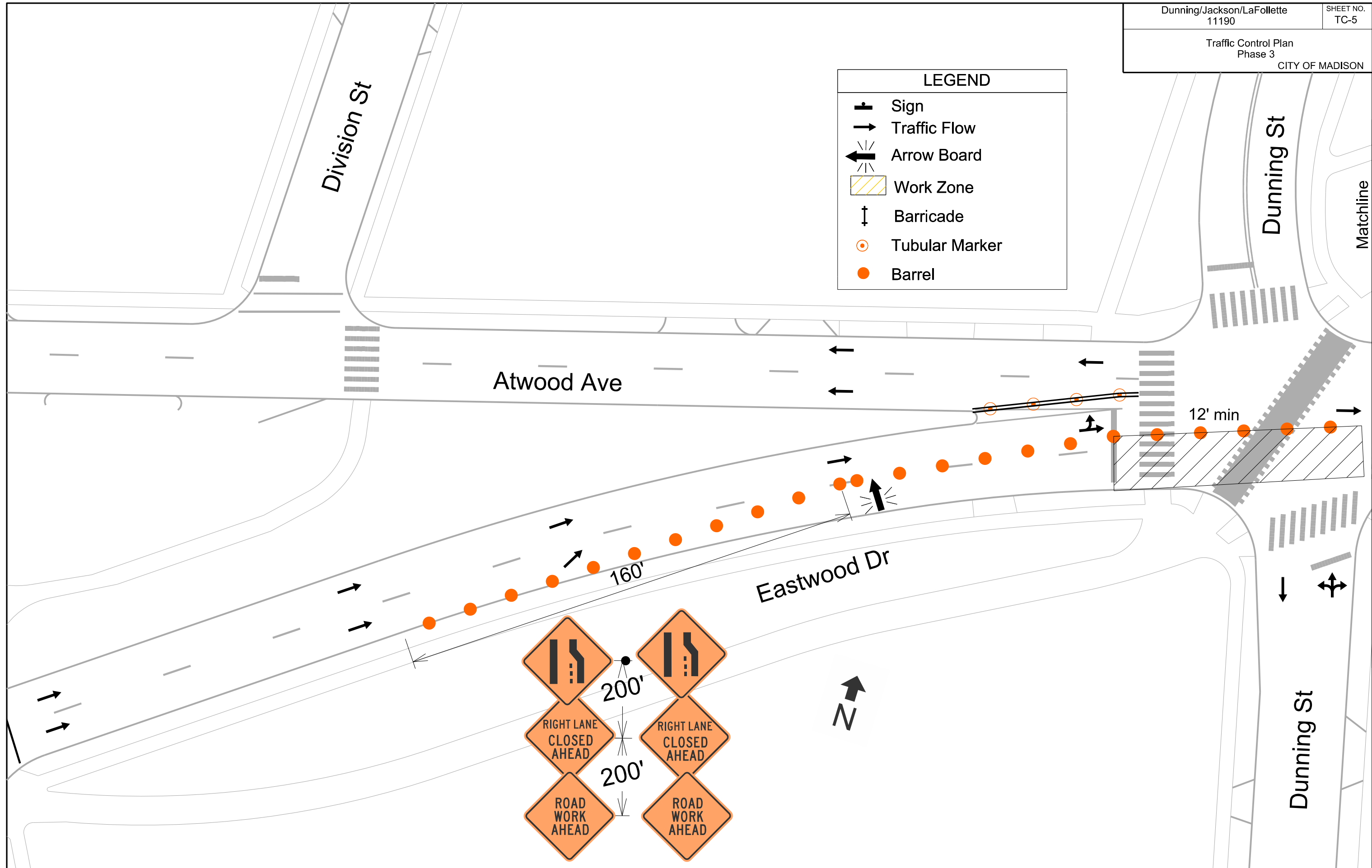
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Work Zone
- Barricade
- Tubular Marker
- Barrel

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

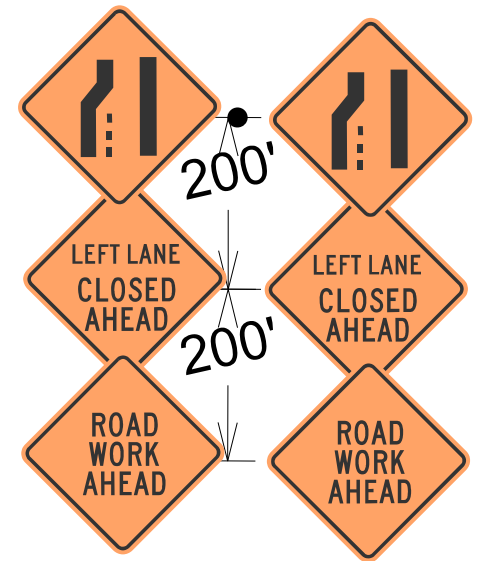
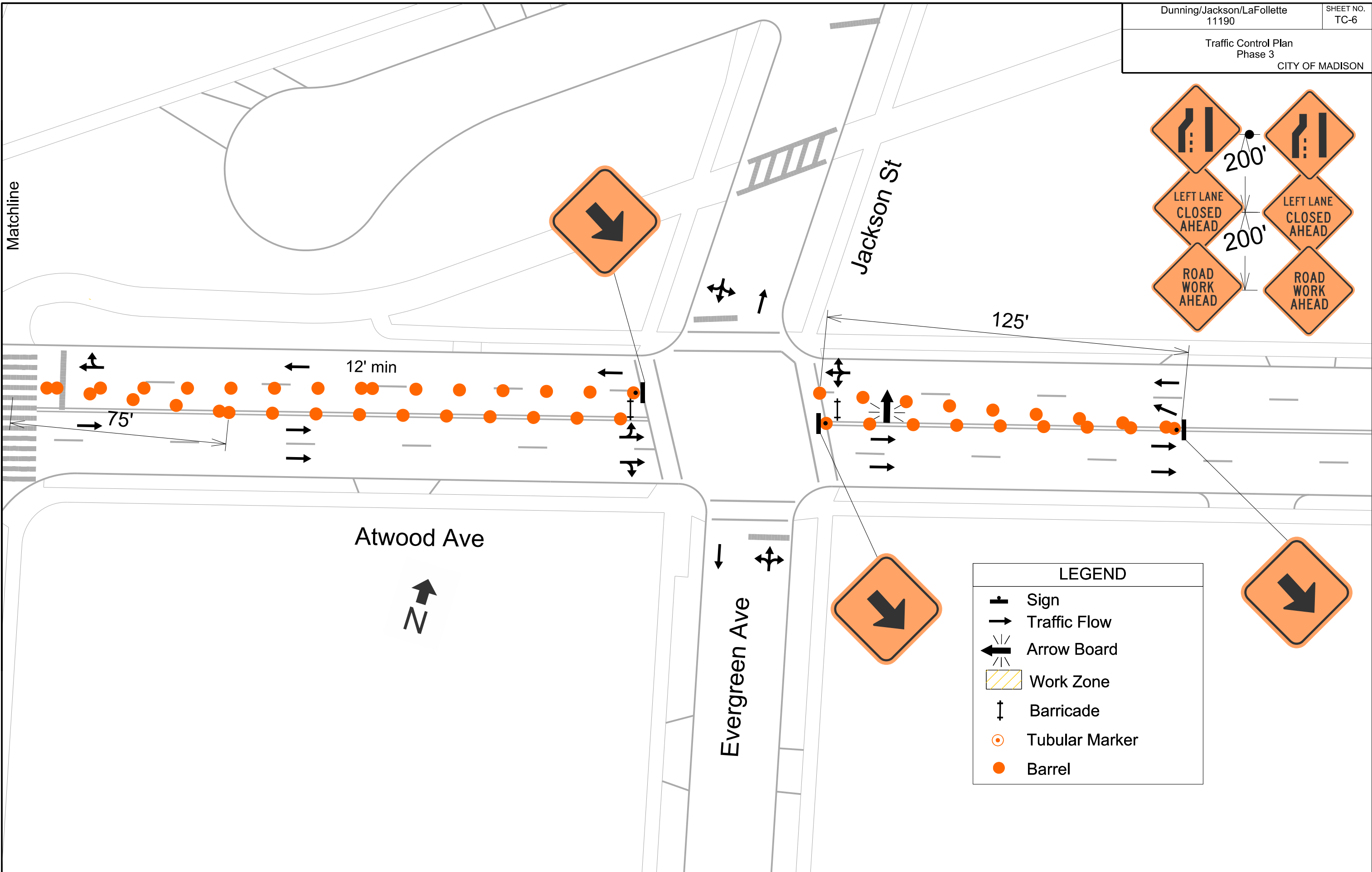


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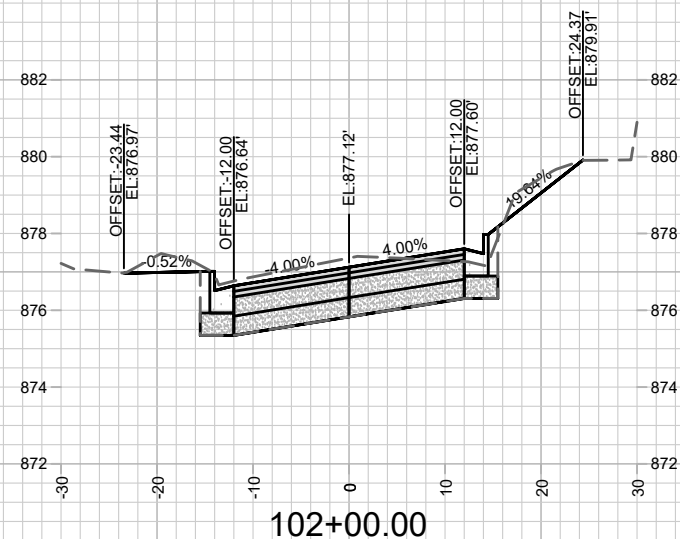
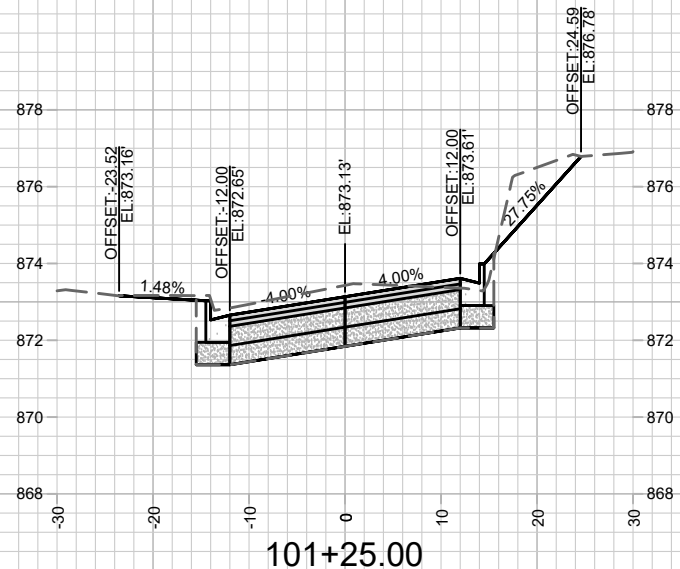
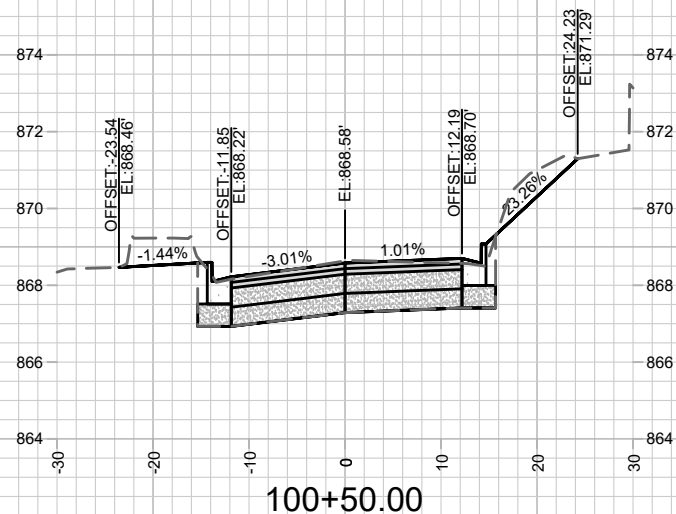
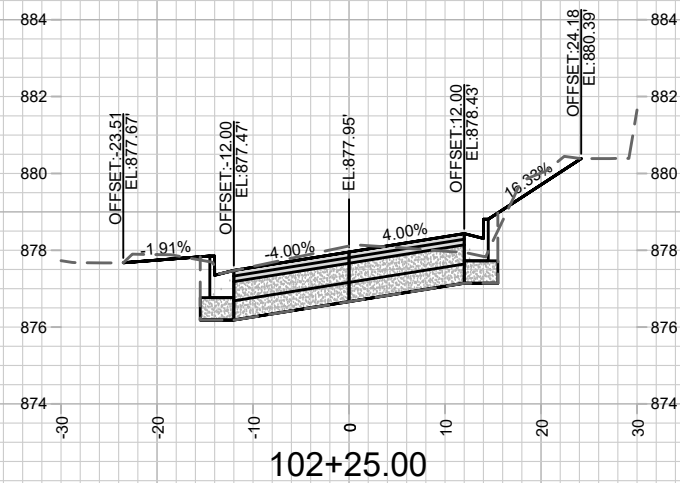
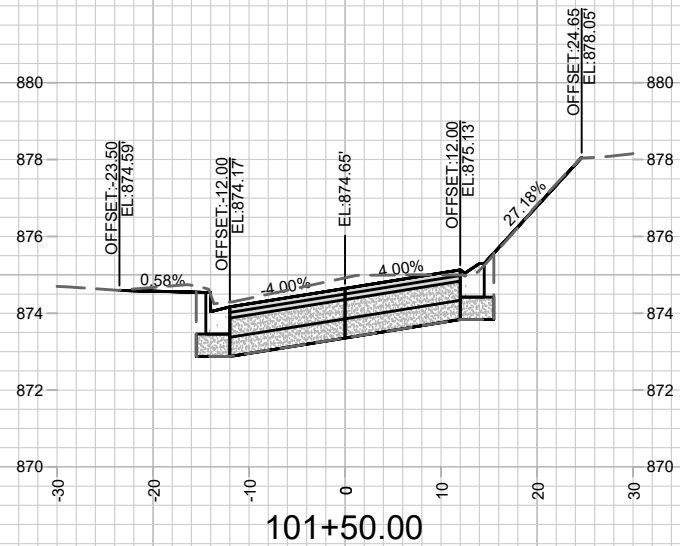
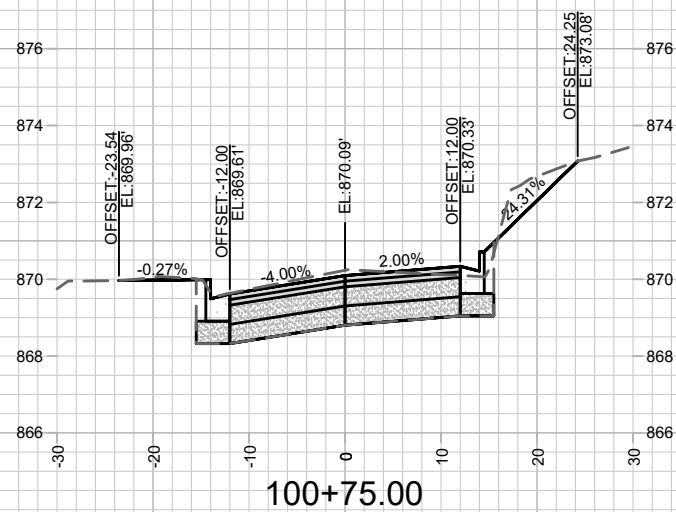
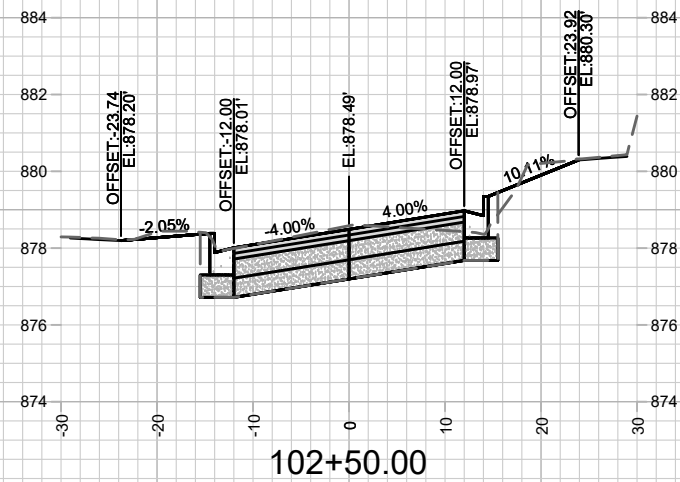
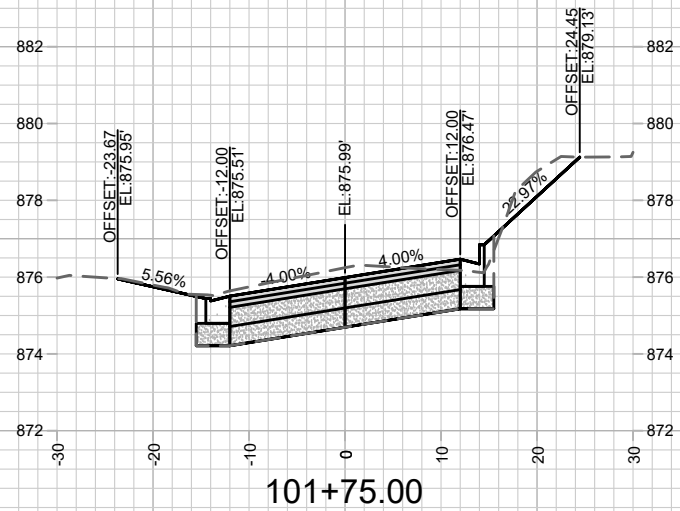
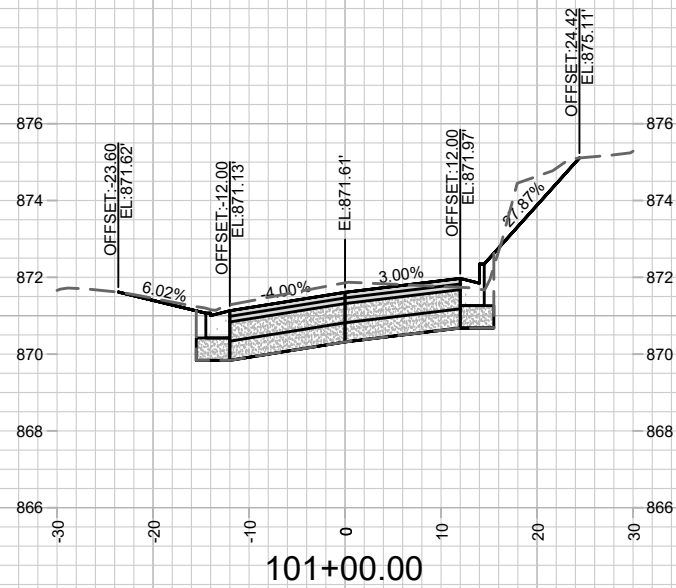
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
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	Traffic Flow
	Arrow Board
	Work Zone
	Barricade
	Tubular Marker
	Barrel

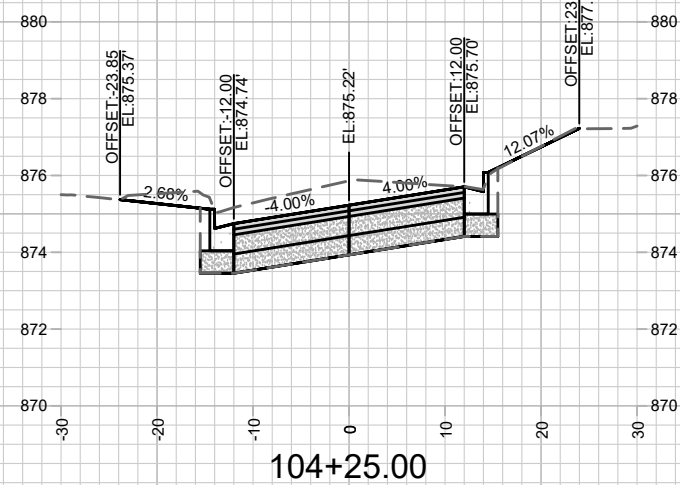
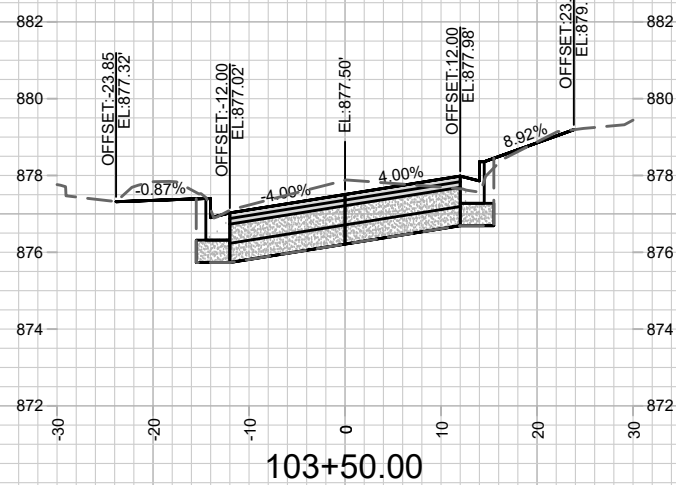
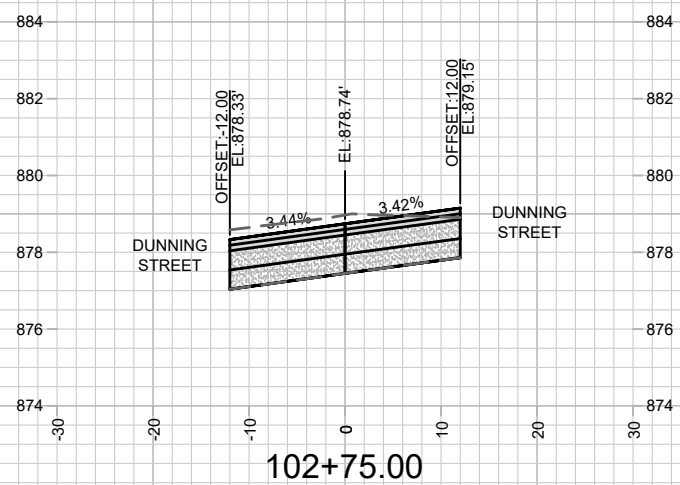
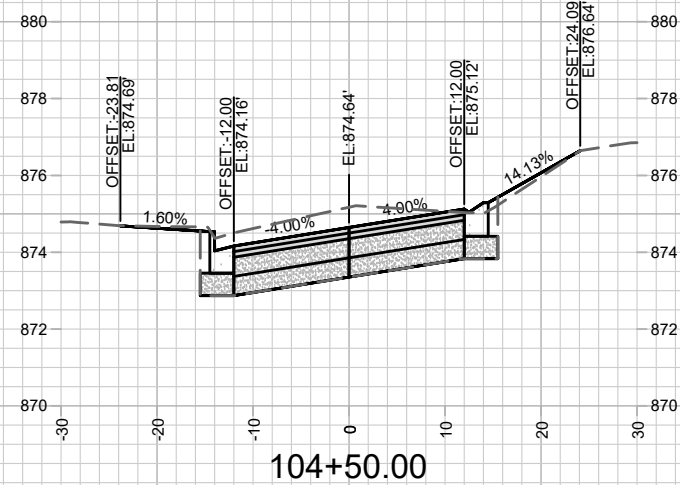
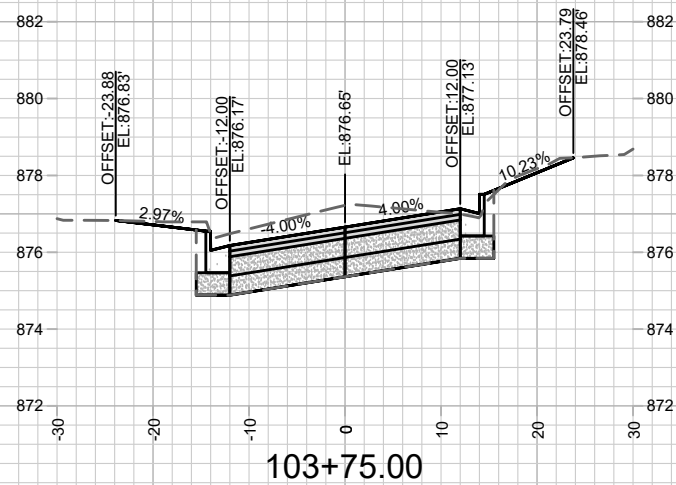
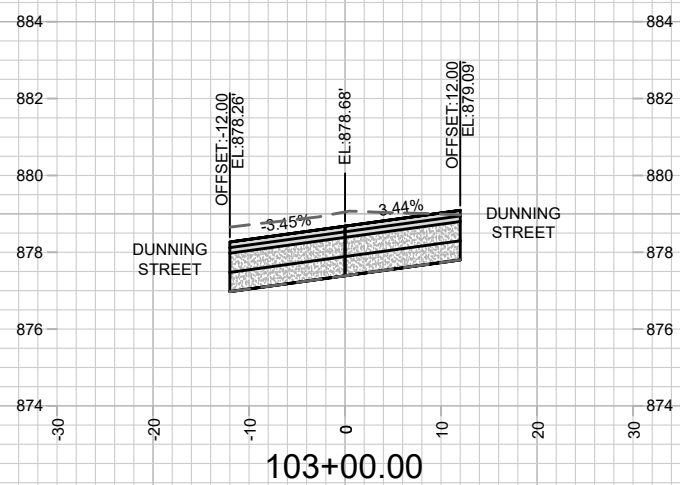
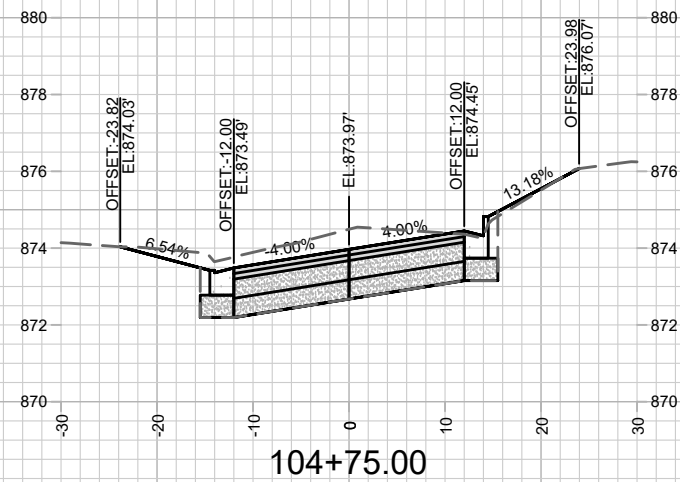
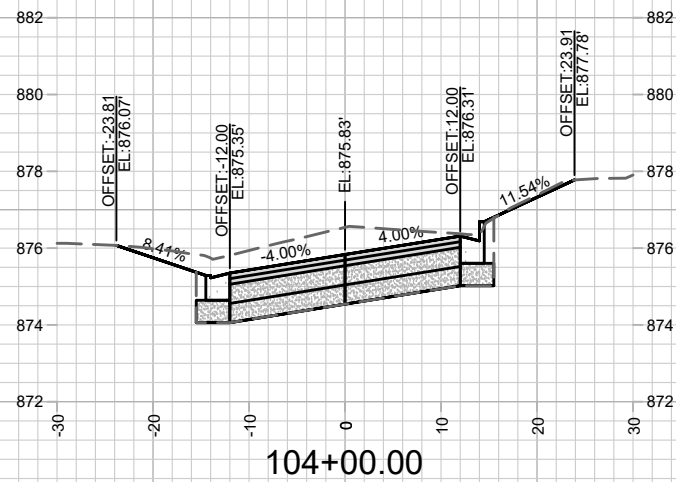
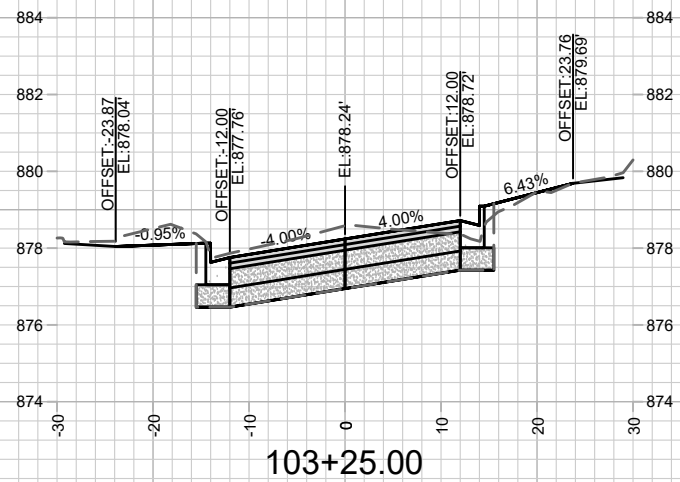


MARK	REVISION	DATE	BY

11190
MADISON, WI
CONTRACT NO: 8503

CROSS SECTIONS - LAFOLLETTE AVENUE
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
M:\DESIGN\Projects\11190\CAD\Plan Sheets\11190-X Sheets.dwg

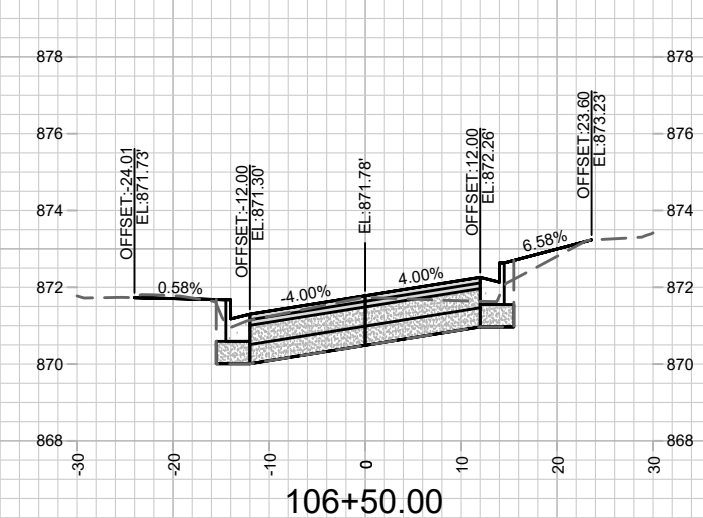
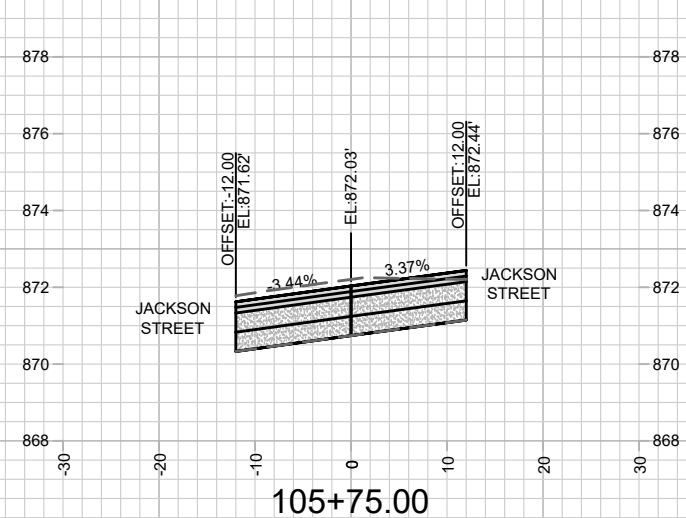
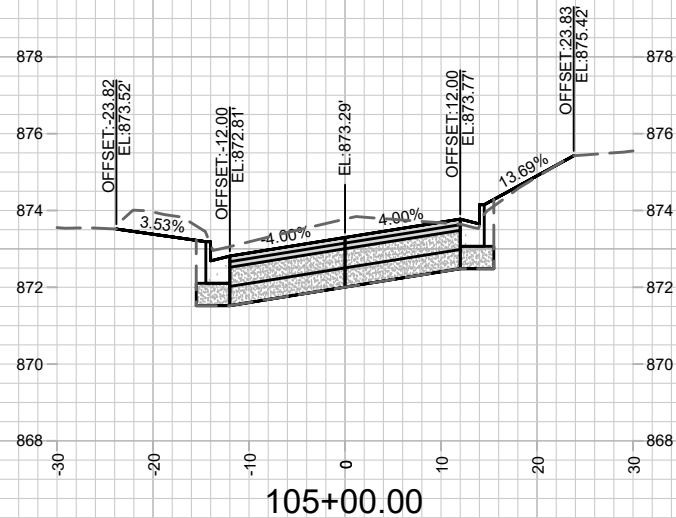
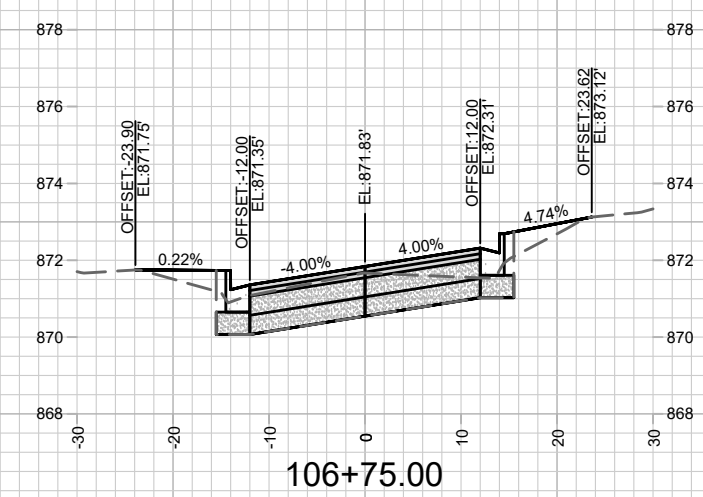
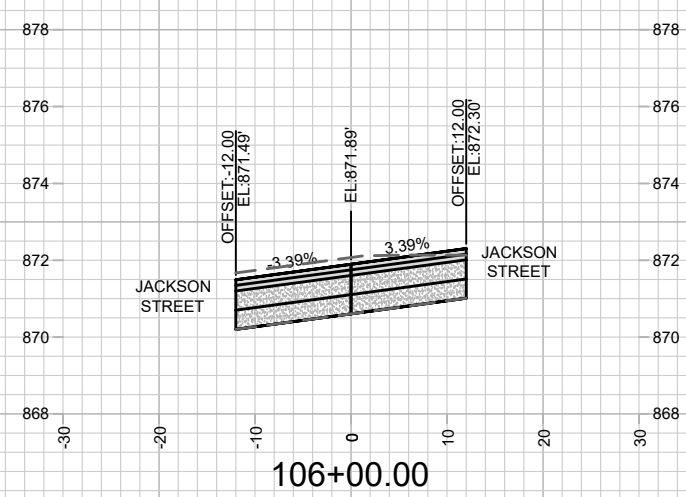
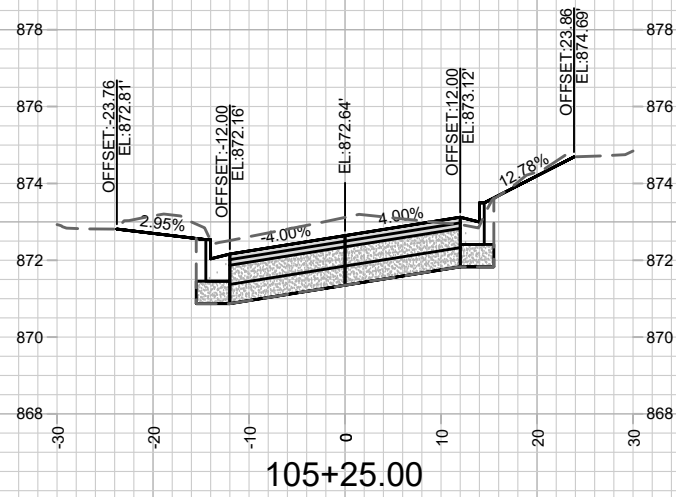
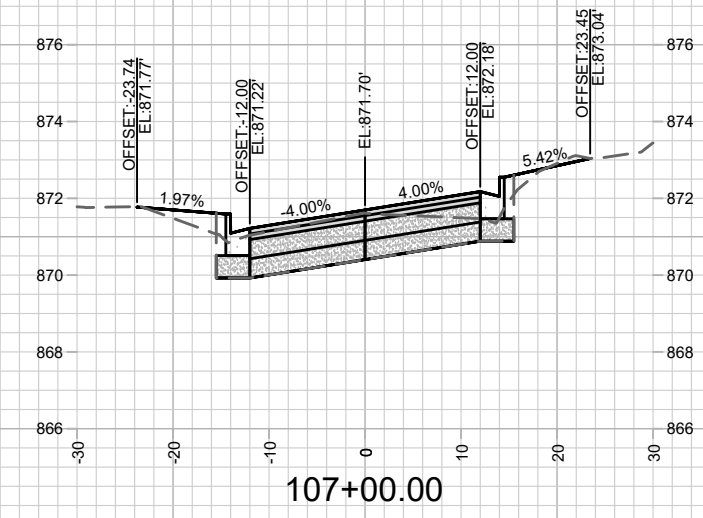
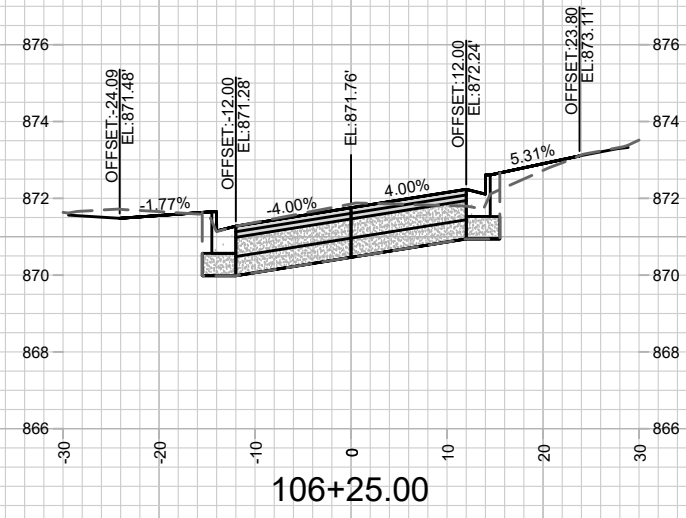
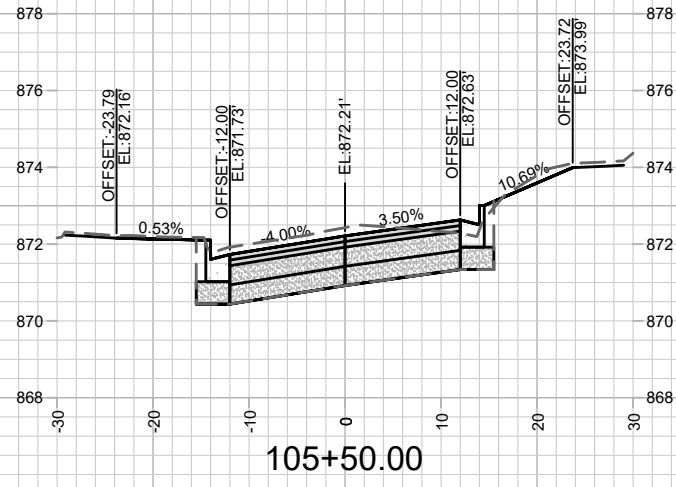




MARK	REVISION	DATE	BY

Designed By: FBEG Date: 10/30/2020 9:02 AM
Scale: 1" = 20'
11190 X-2

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MADISON, WI
CONTRACT NO: 8503
CROSS SECTIONS - LAFOLLETTE AVENUE
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
M:\DESIGN\Projects\11190\CAD\Plan Sheets\11190-X Sheets.dwg

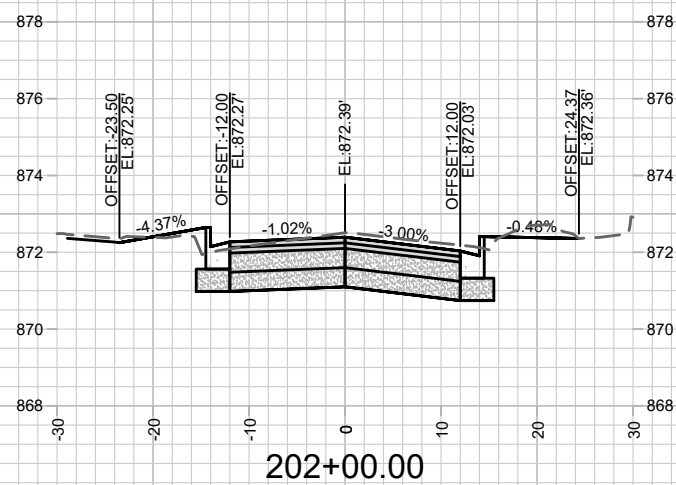
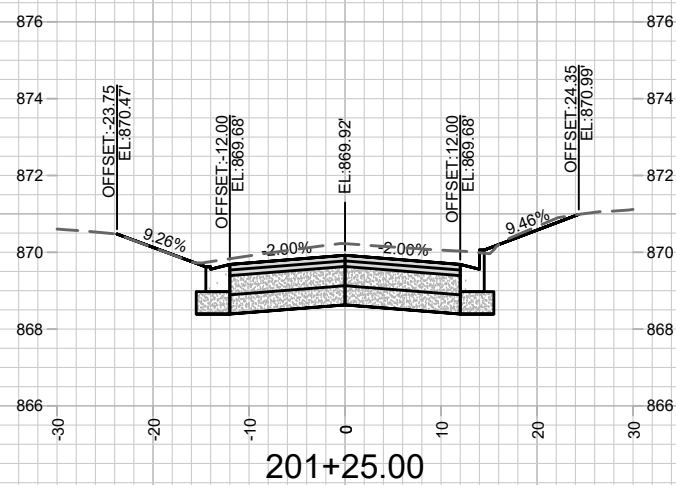
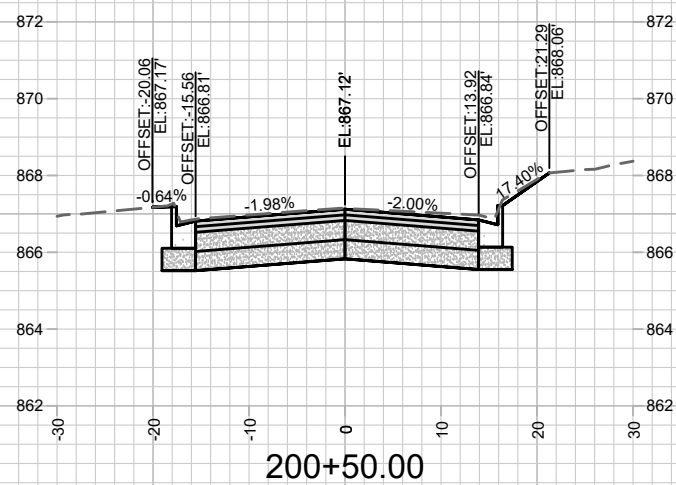
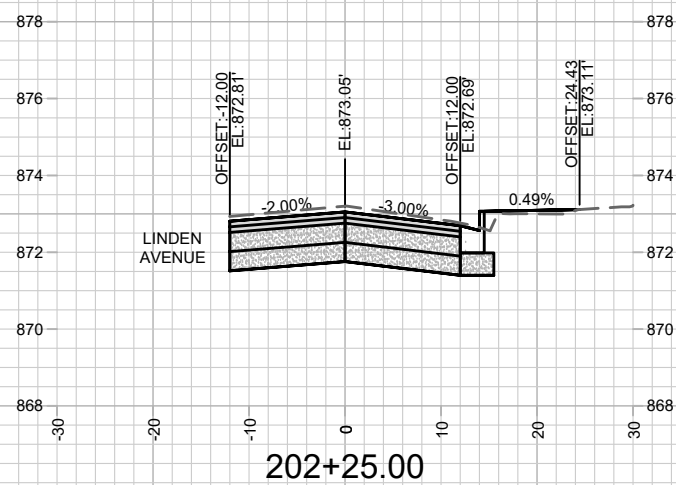
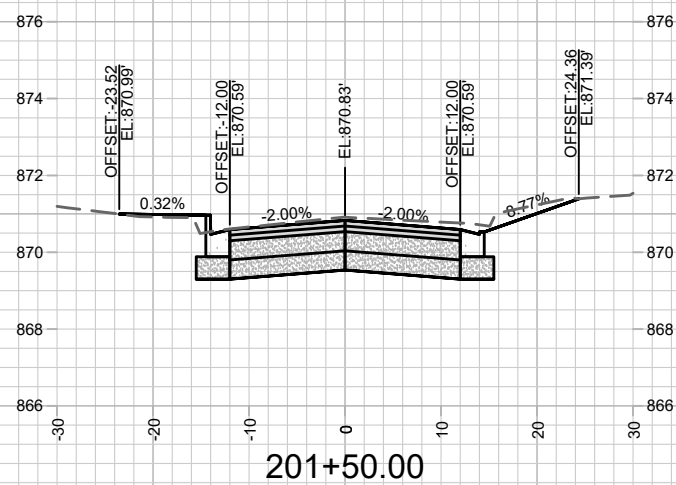
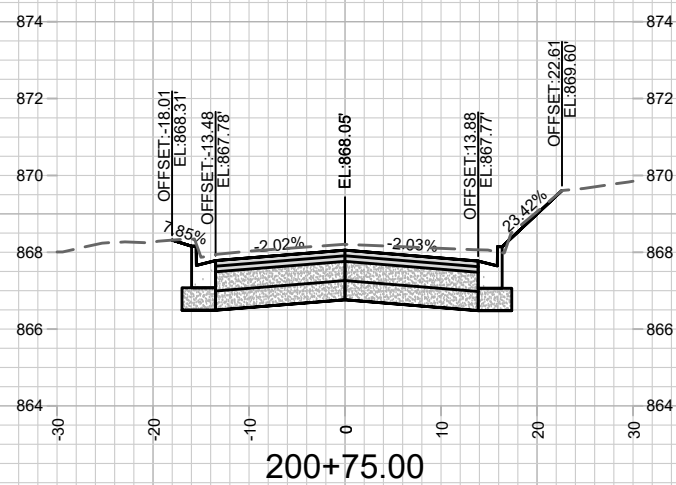
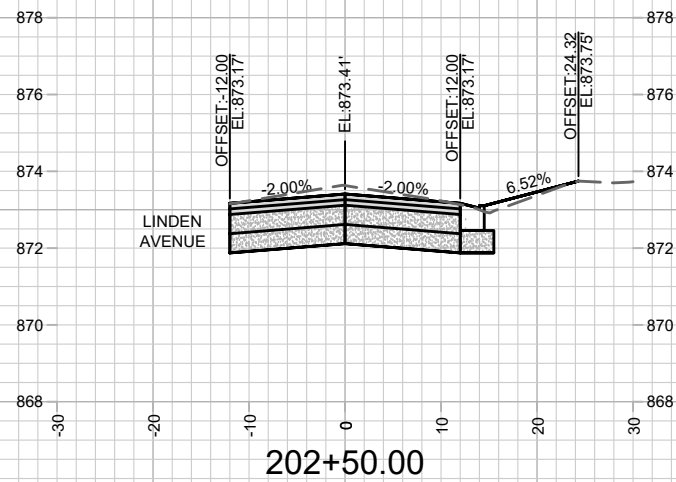
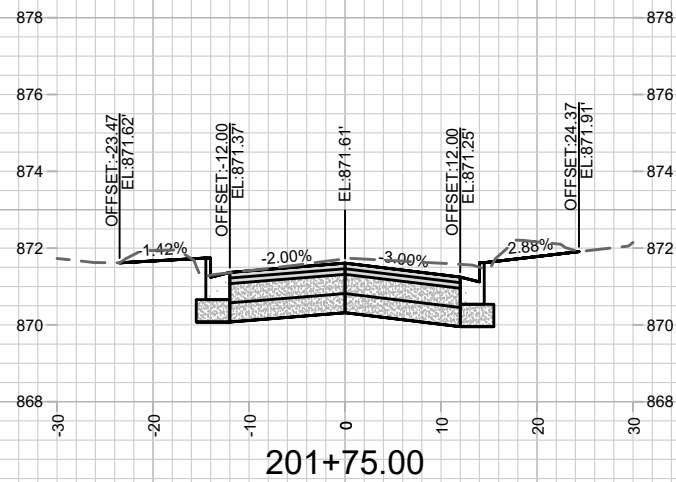
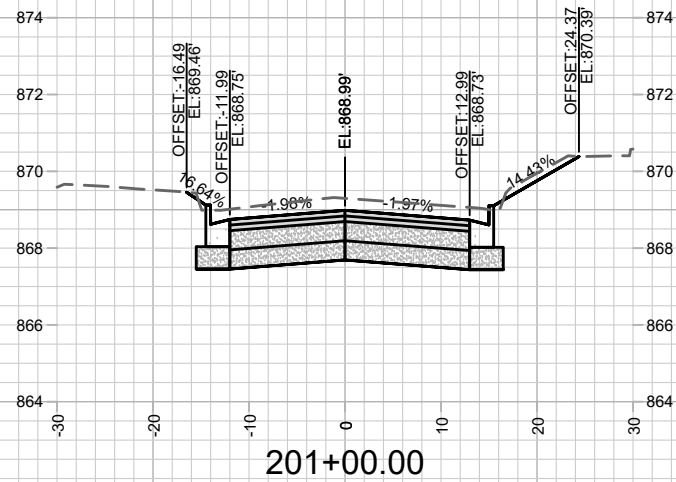


MARK	REVISION	DATE	BY

Designed By: FBEG Date: 10/30/2020 9:02 AM
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 MADISON, WI
 CROSS SECTIONS - LAFOLLETTE AVENUE
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 CONTRACT NO: 8503
 M:\DESIGN\Projects\11190\CAD\Plan Sheets\11190-X Sheets.dwg

11190
 X-3

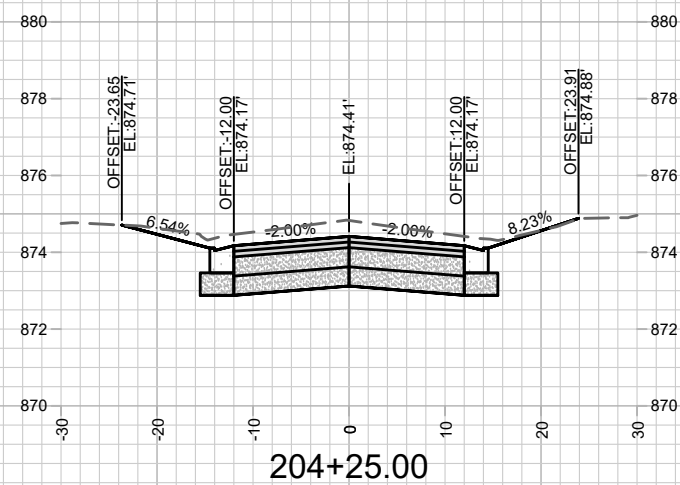
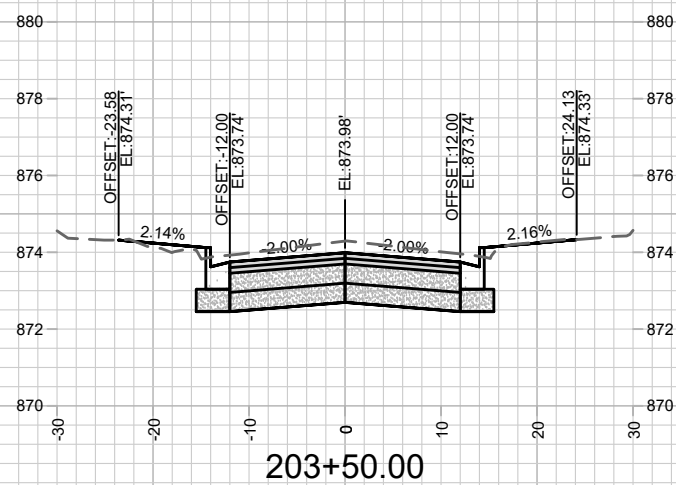
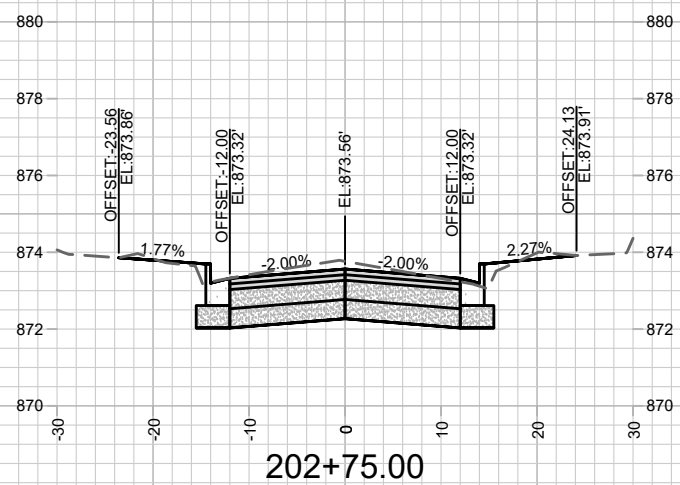
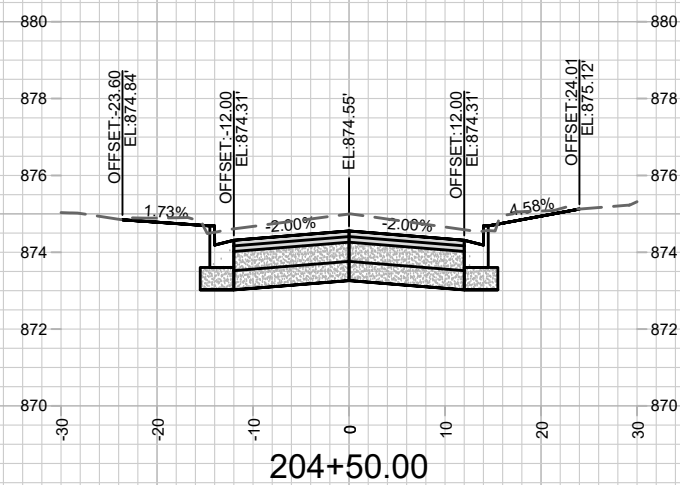
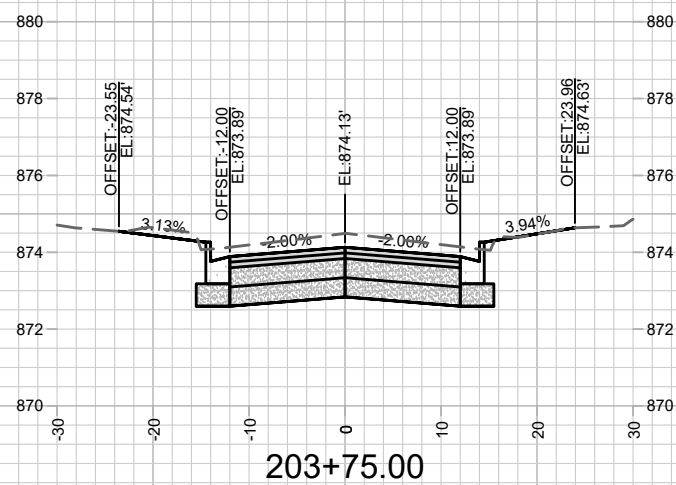
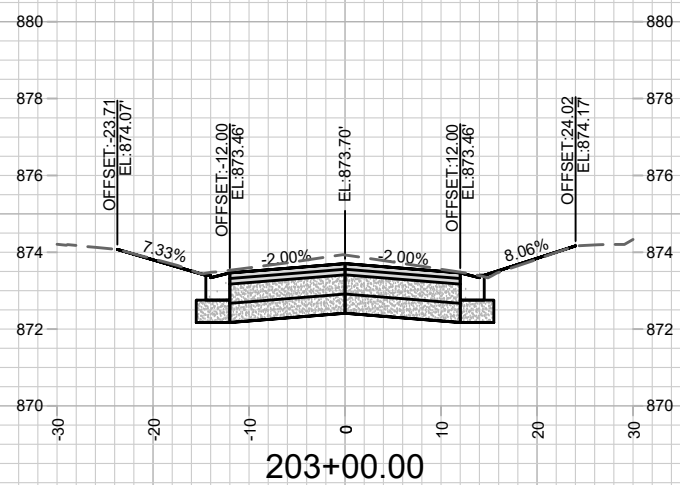
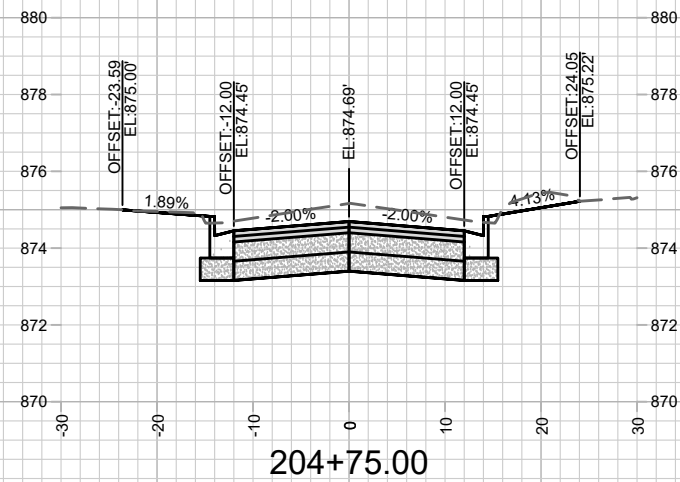
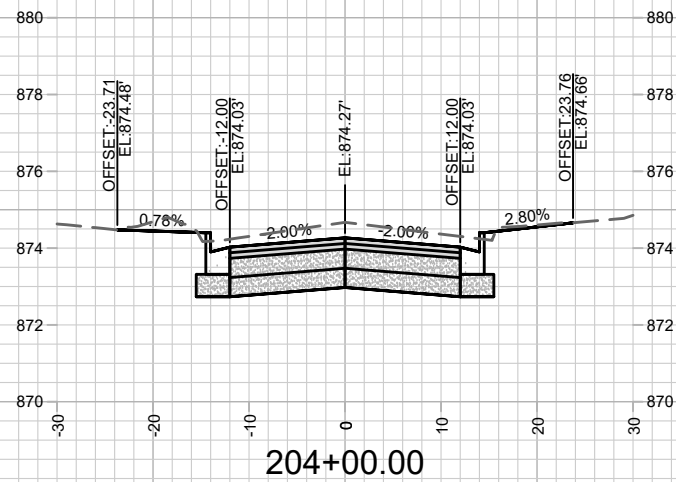
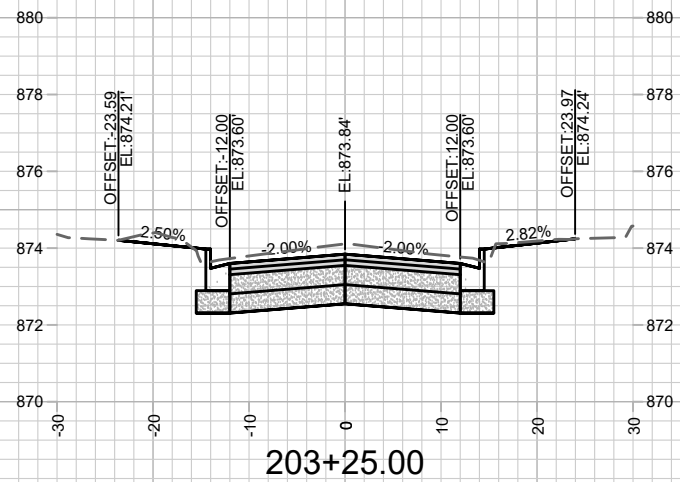


MARK	REVISION	DATE	BY

11190
 CROSS SECTIONS - DUNNING STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 MADISON, WI
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 CONTRACT NO: 8503
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 X-5



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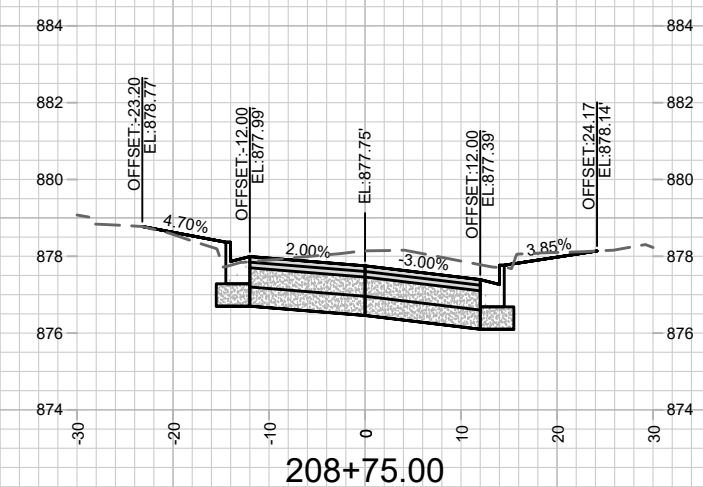
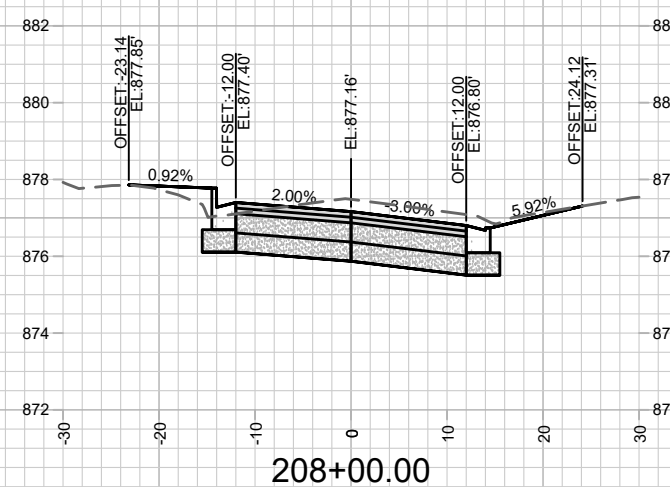
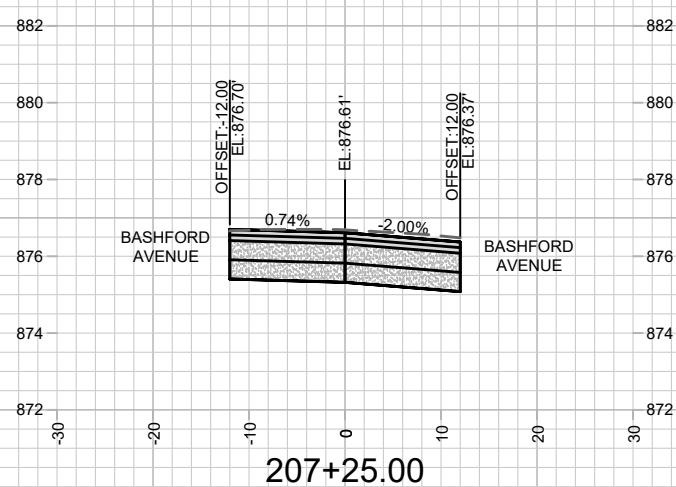
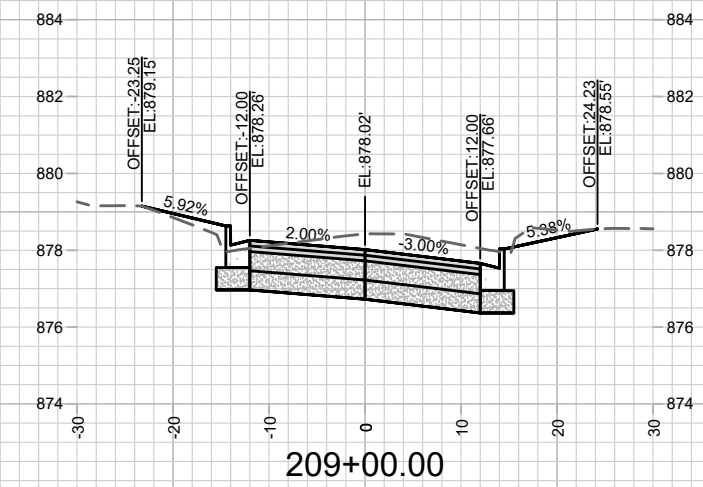
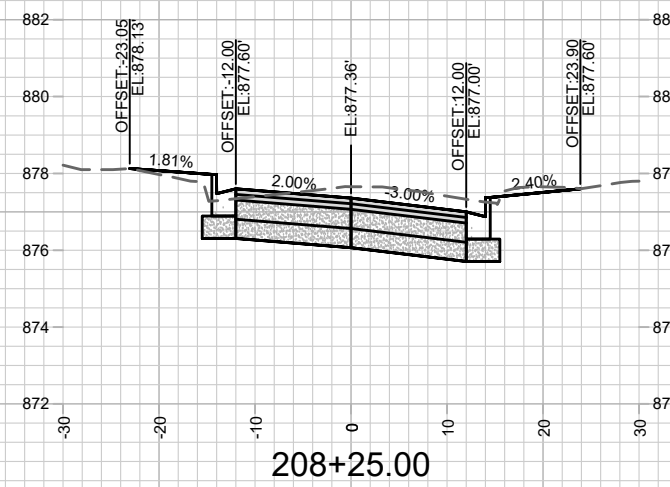
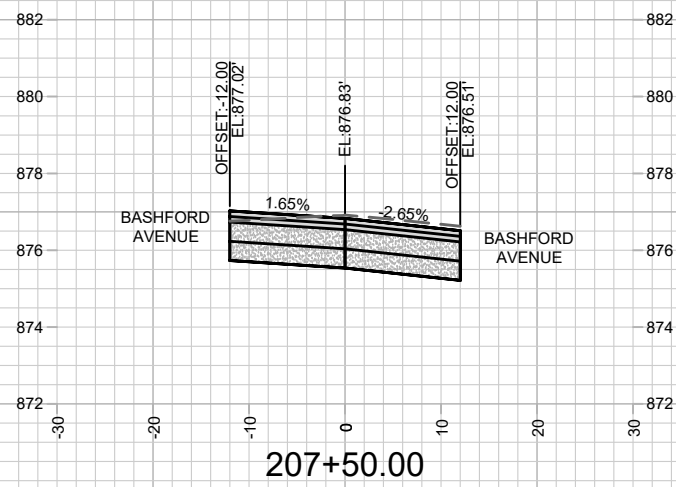
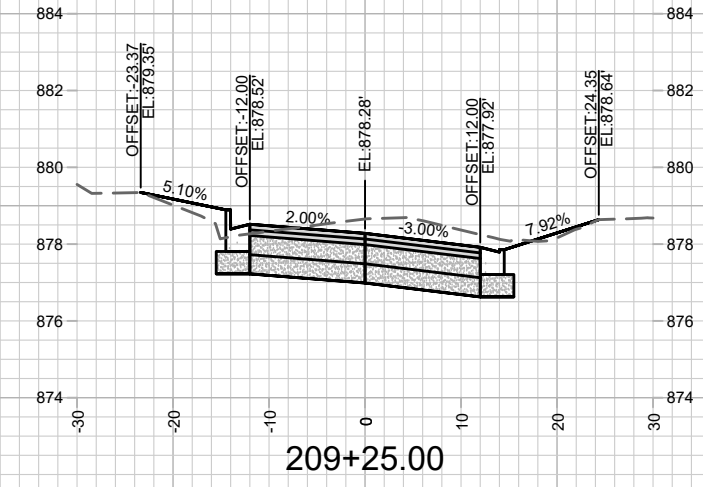
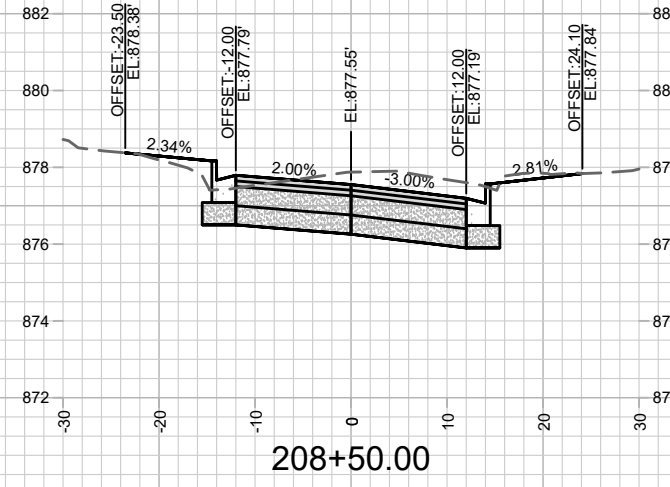
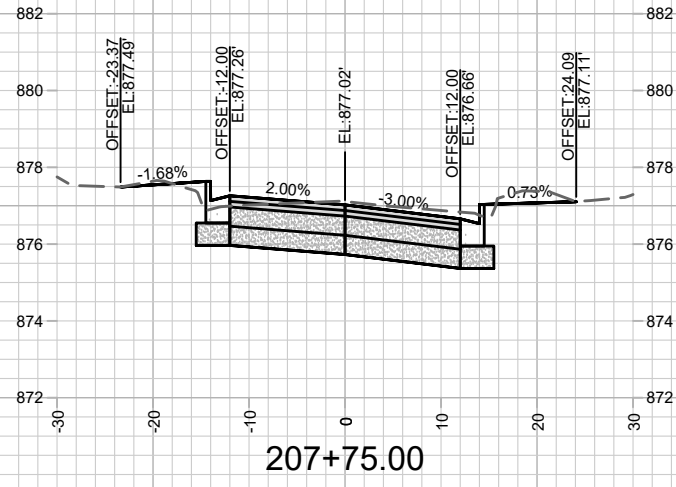
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MADISON, WI
8503

CROSS SECTIONS - DUNNING STREET
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
M:\DESIGN\Projects\11190\CAD\Plan Sheets\11190-X Sheets.dwg
CONTRACT NO:



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X-6

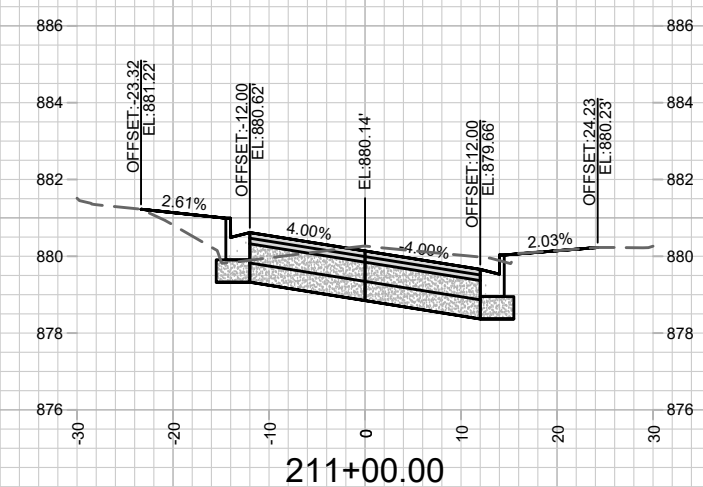
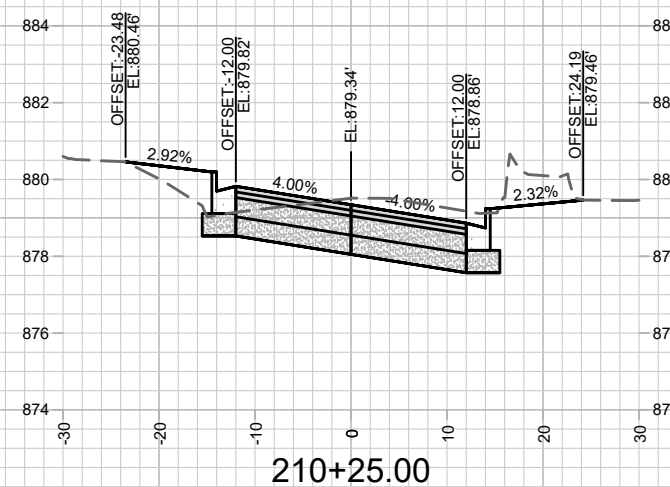
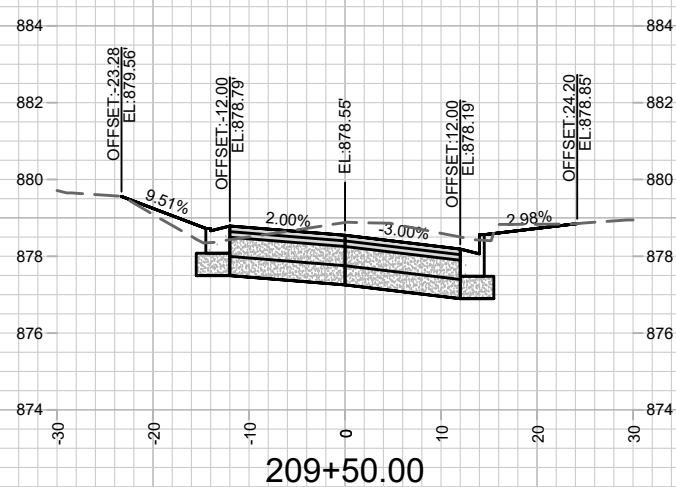
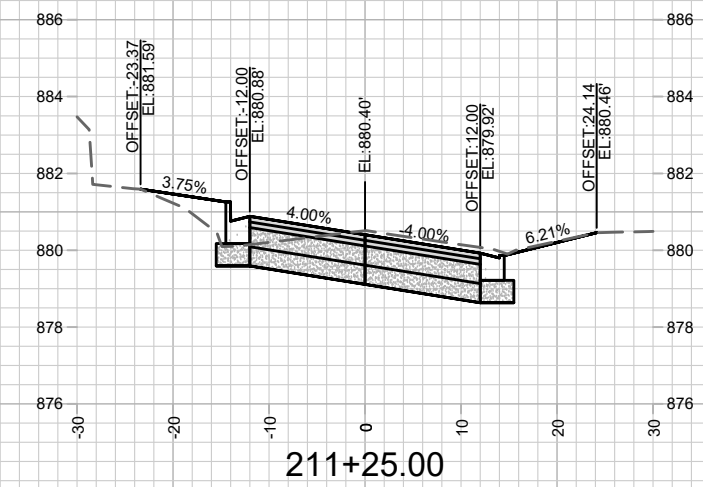
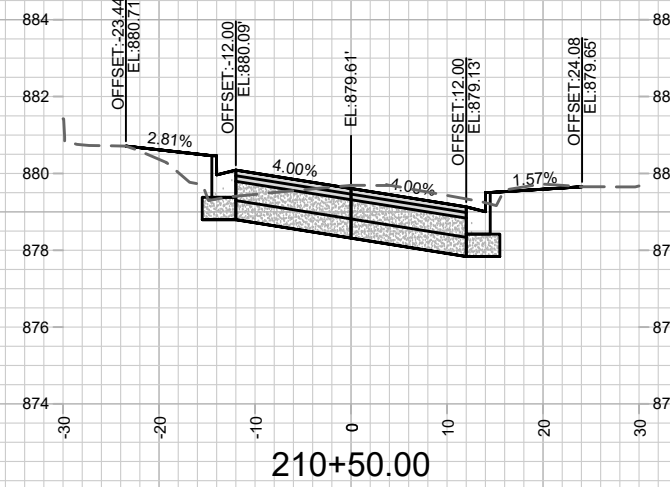
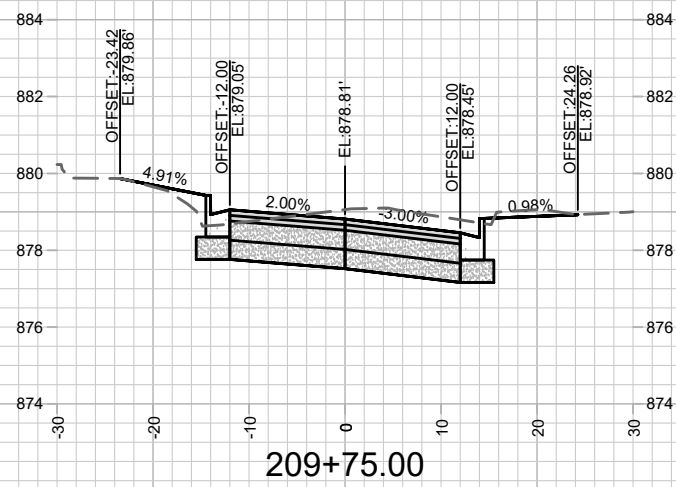
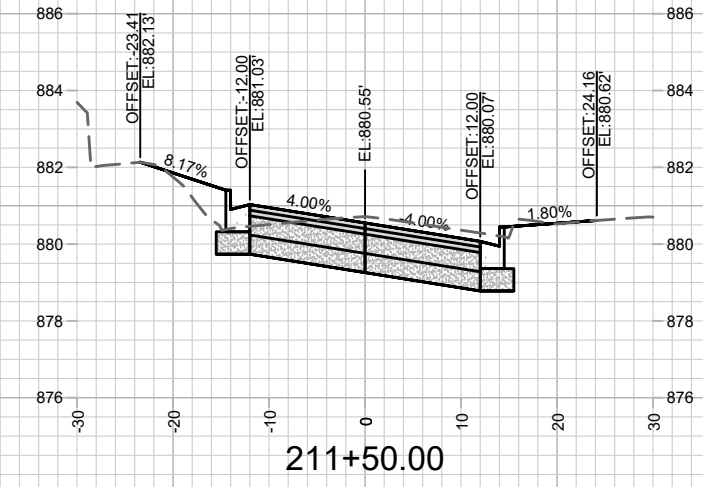
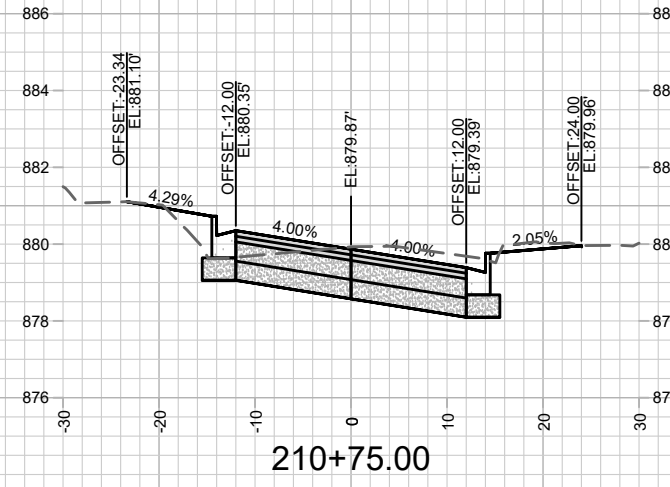
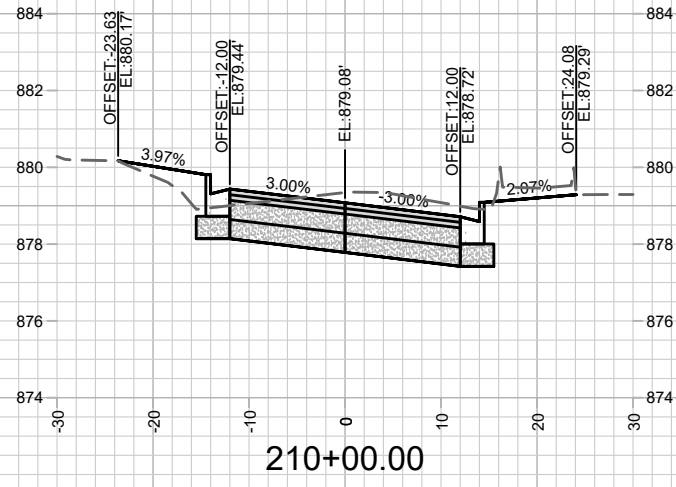


MARK	REVISION	DATE	BY

11190
 MADISON, WI
 CONTRACT NO: 8503

CROSS SECTIONS - DUNNING STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 M:\DESIGN\Projects\11190\CAD\Plan Sheets\11190-X Sheets.dwg

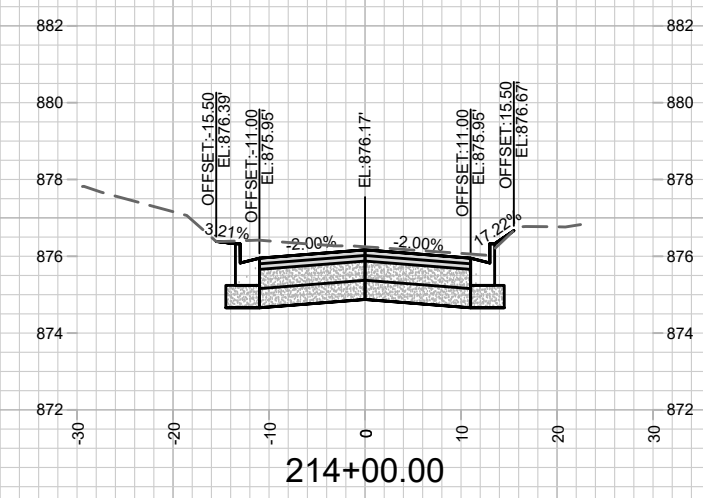
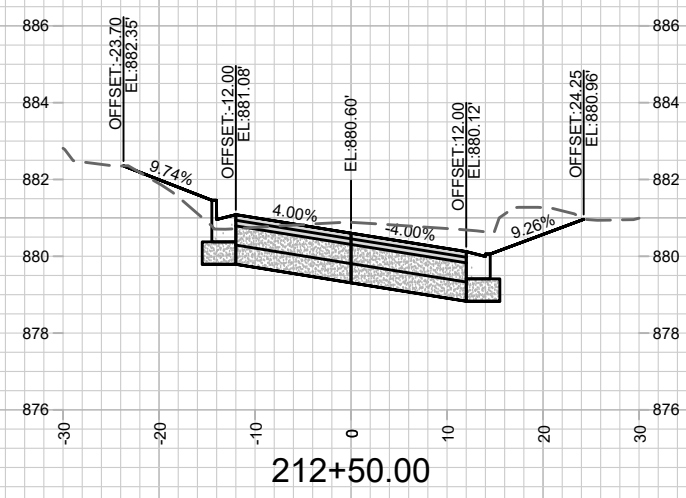
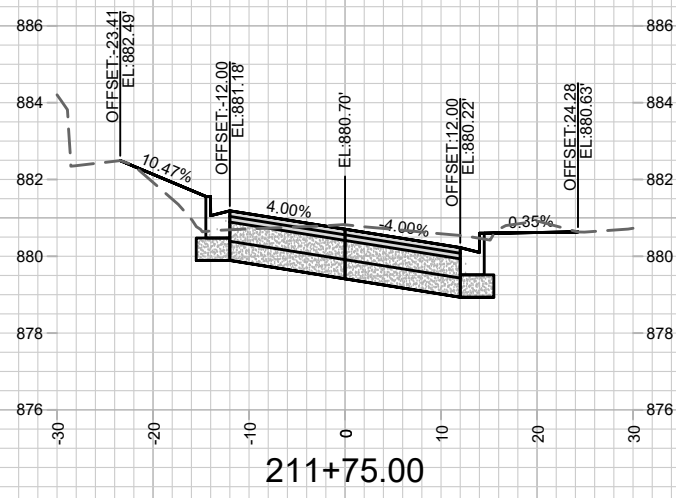
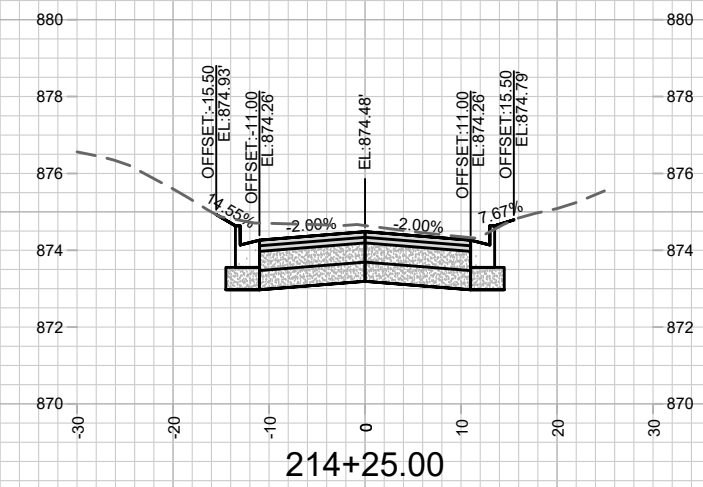
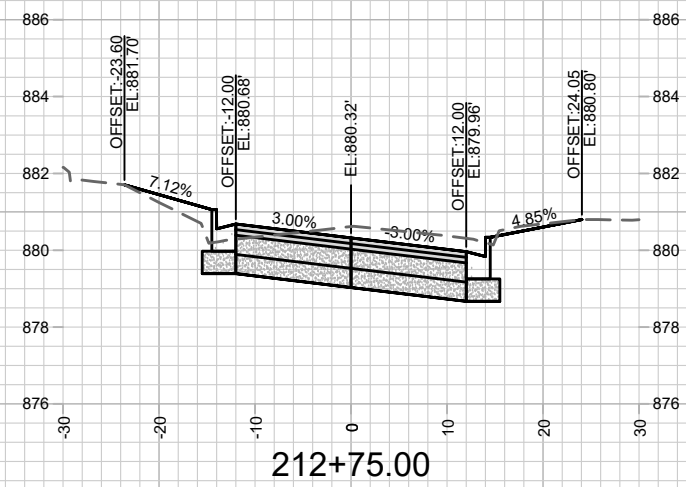
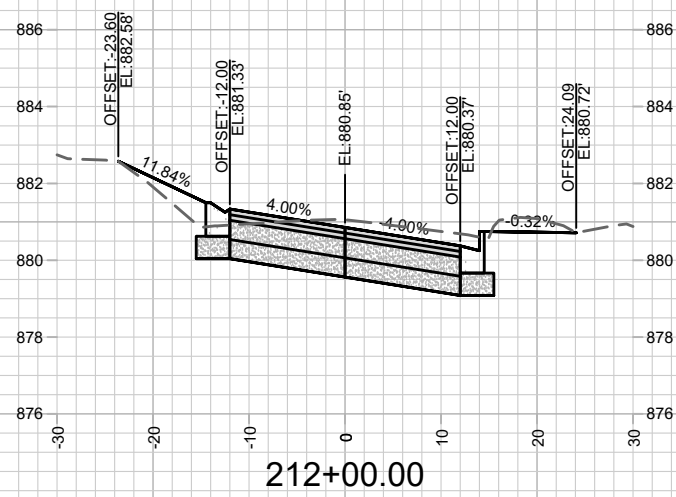
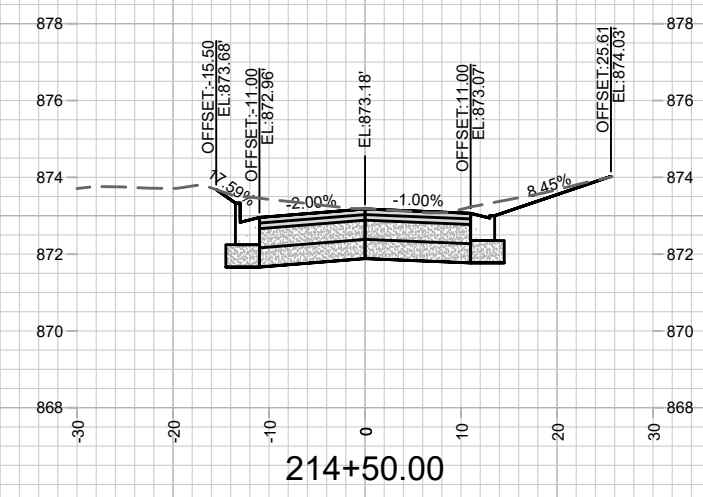
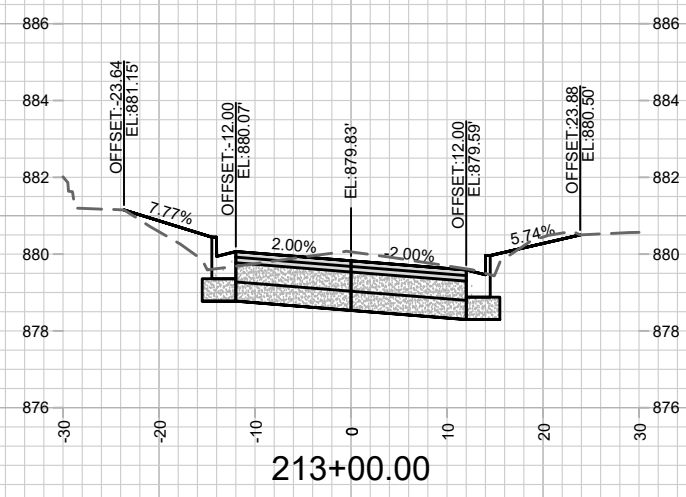
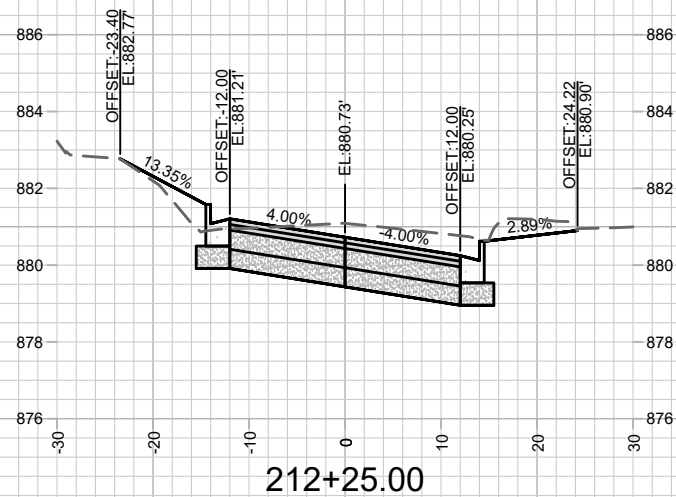




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Designed By: FBEG Date: 10/30/2020 9:02 AM
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 11190 X-9

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 MADISON, WI
 CONTRACT NO: 8503
 CROSS SECTIONS - DUNNING STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 M:\DESIGN\Projects\11190\CAD\Plan Sheets\11190-X Sheets.dwg



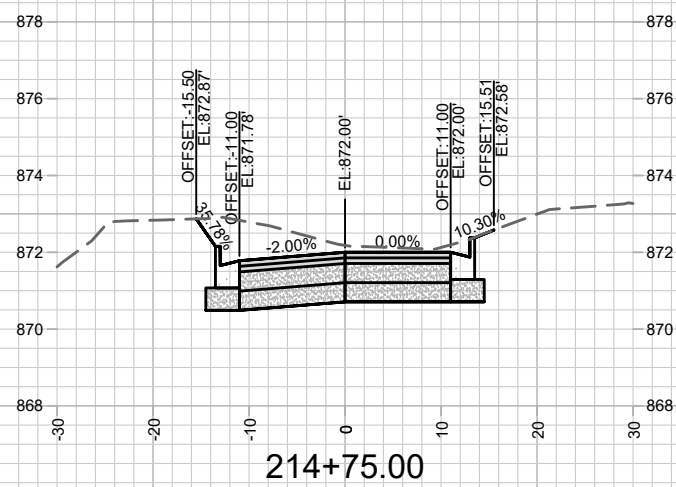
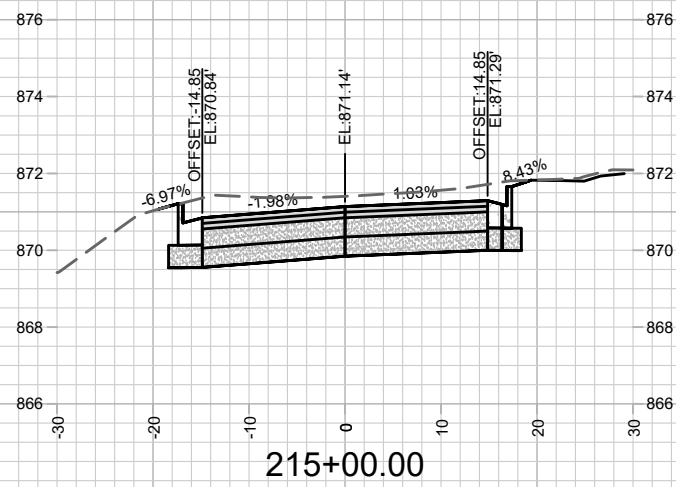
MARK	REVISION	DATE	BY

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 MADISON, WI
 CONTRACT NO: 8503

CROSS SECTIONS - DUNNING STREET
 DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
 M:\DESIGN\Projects\11190\CAD\Plan Sheets\11190-X Sheets.dwg



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 X-10

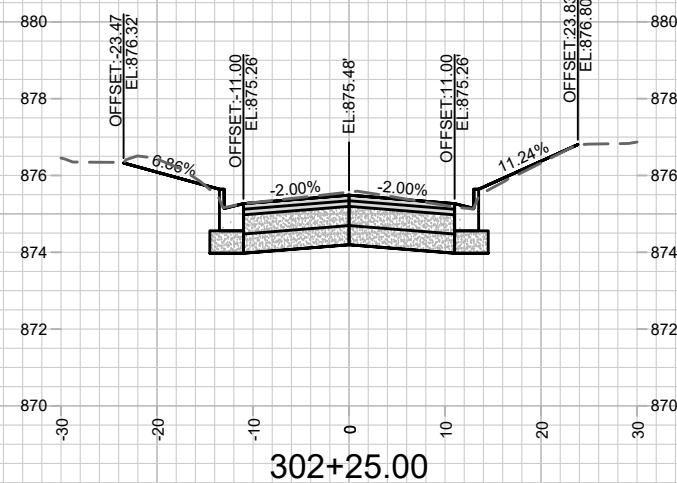
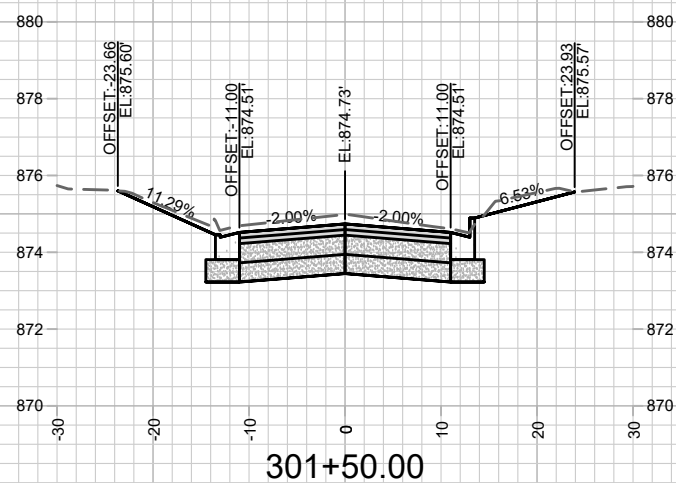
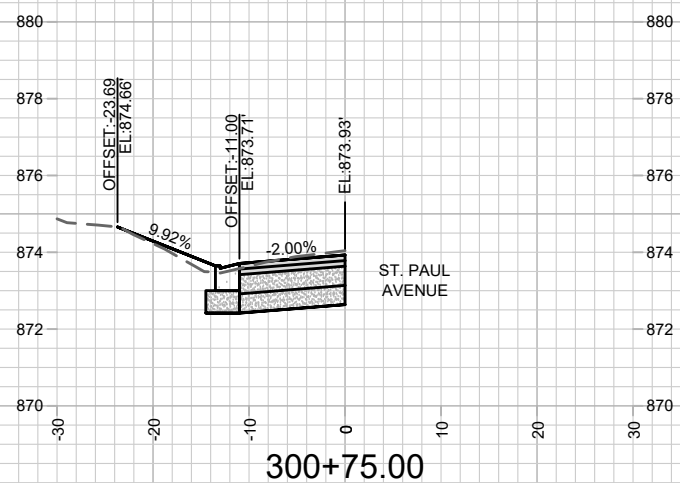
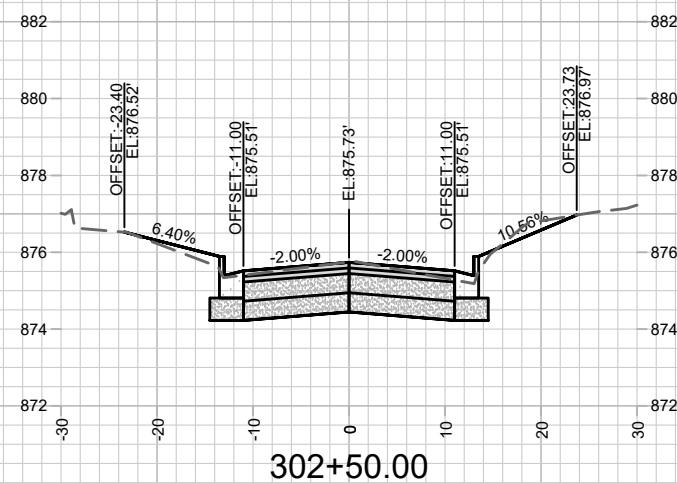
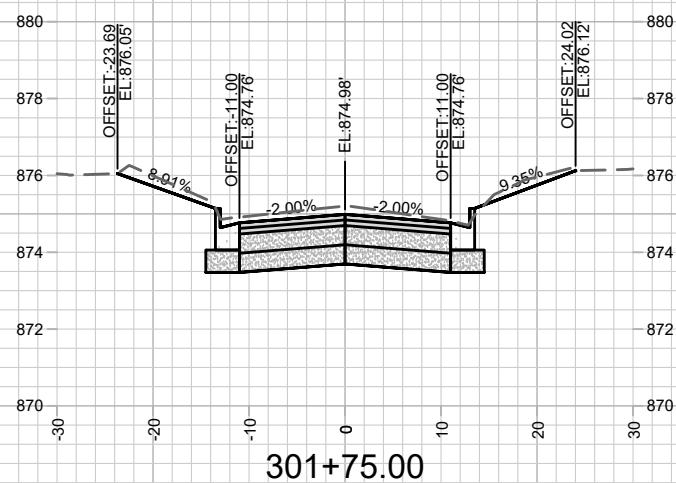
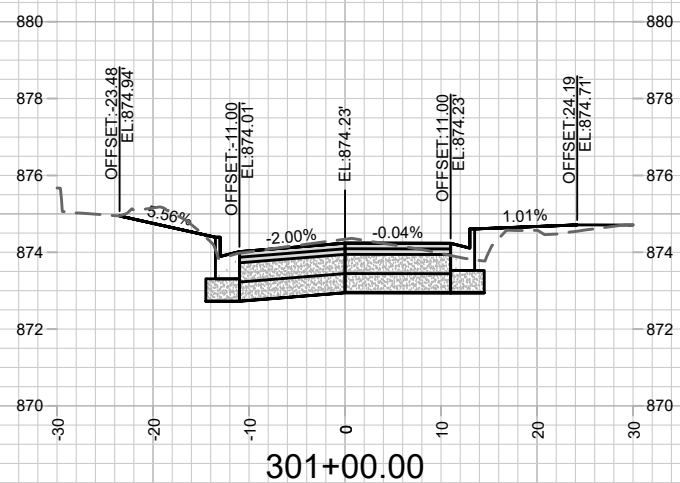
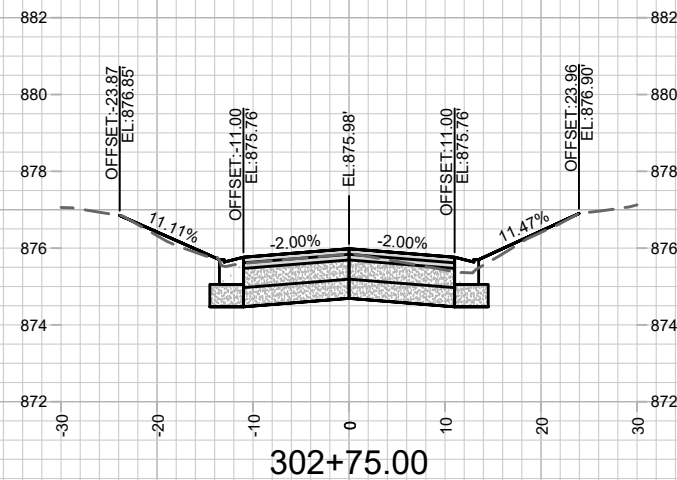
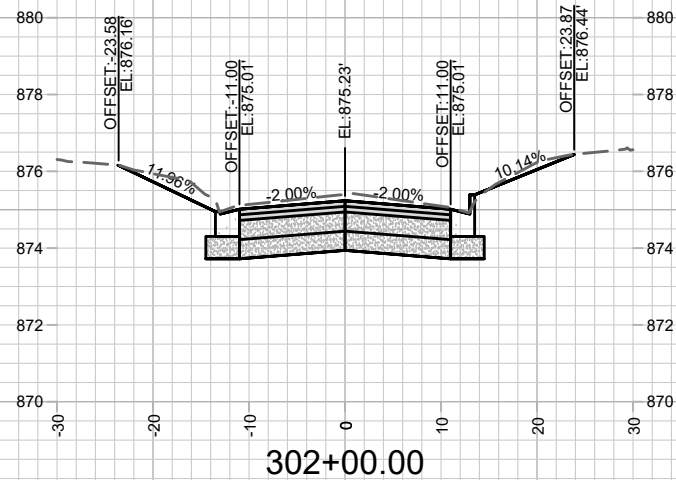
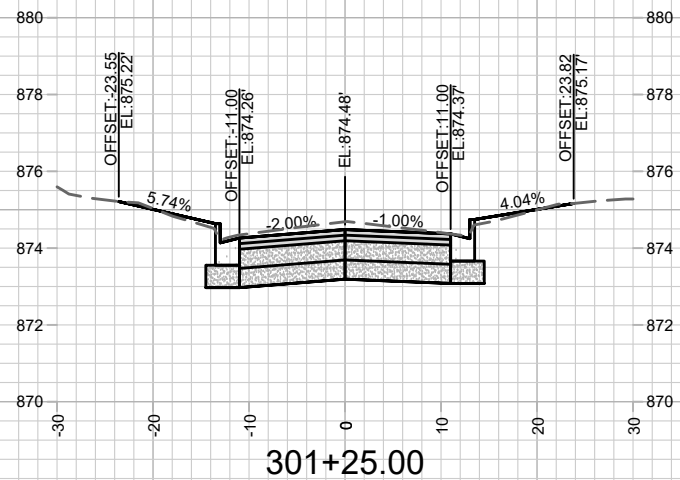


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X-11

CROSS SECTIONS - DUNNING STREET
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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11190
MADISON, WI
CONTRACT NO: 8503

MARK	REVISION	DATE	BY
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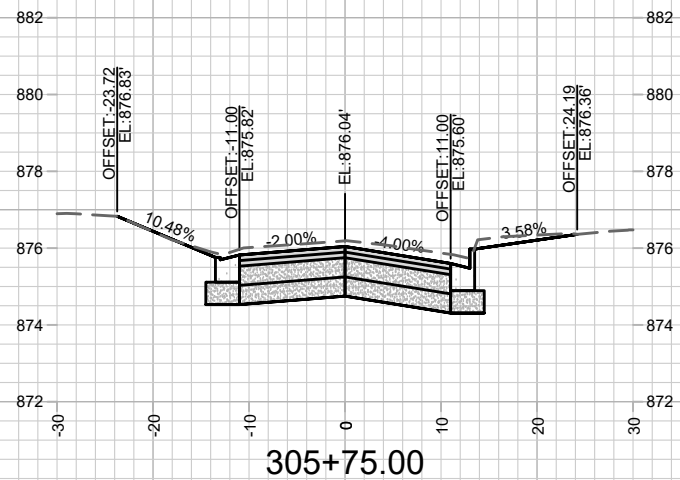


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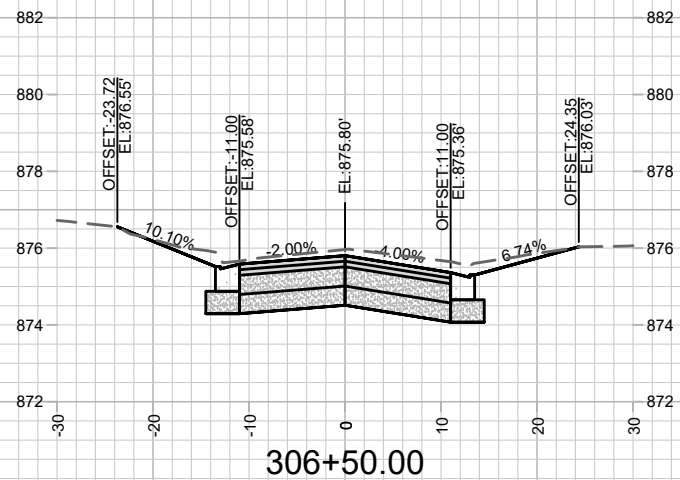
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CONTRACT NO: 8503

CROSS SECTIONS - JACKSON STREET
DUNNING ST, JACKSON ST, & LAFOLLETTE AVE RECONSTRUCTION
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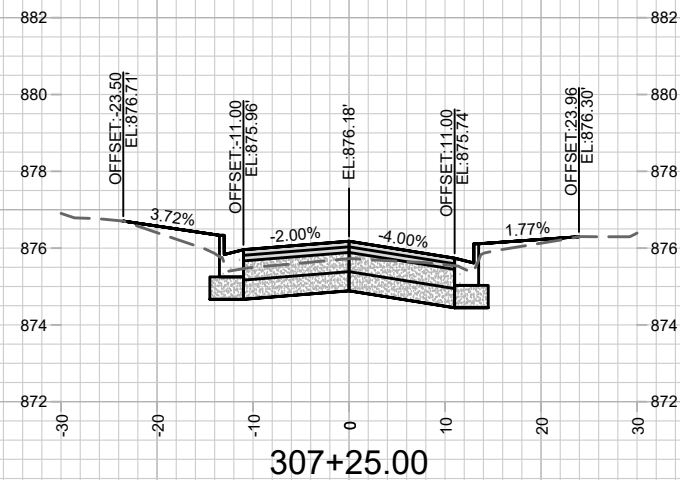




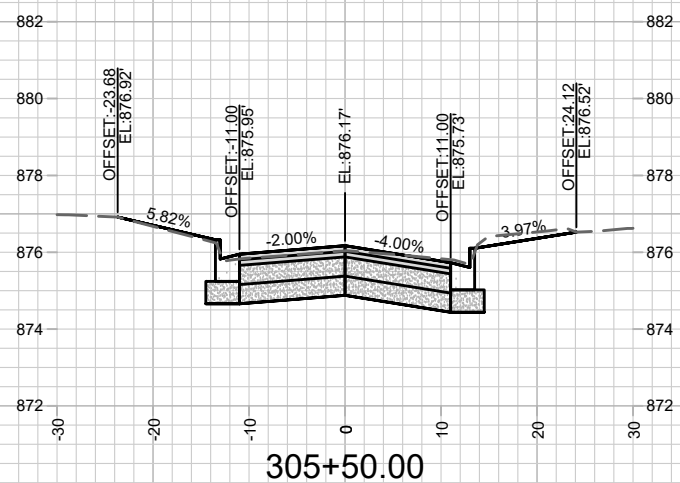
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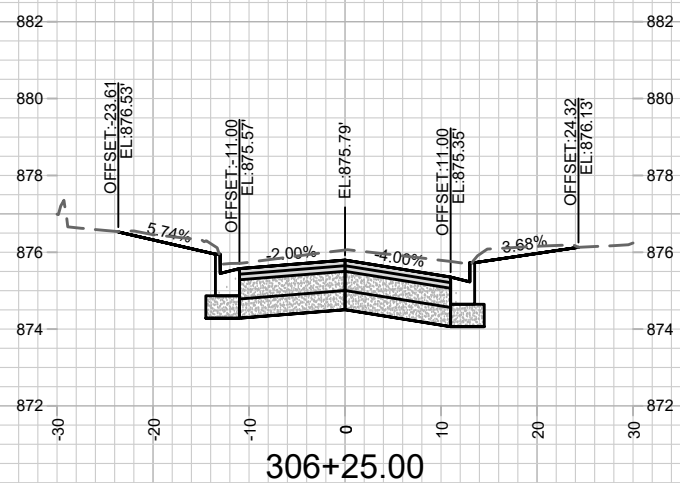
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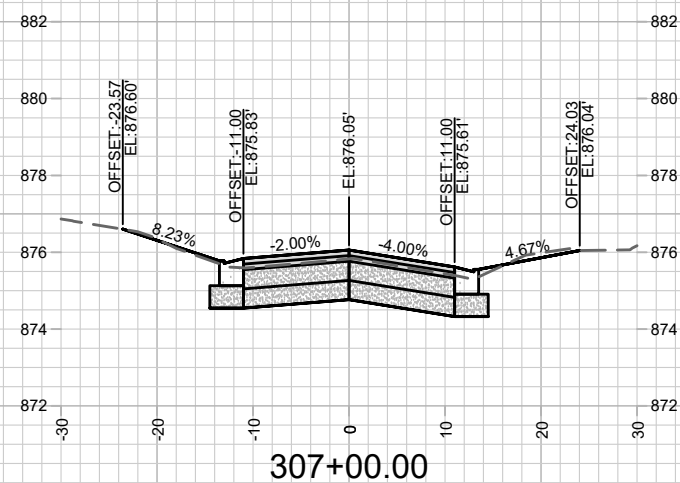
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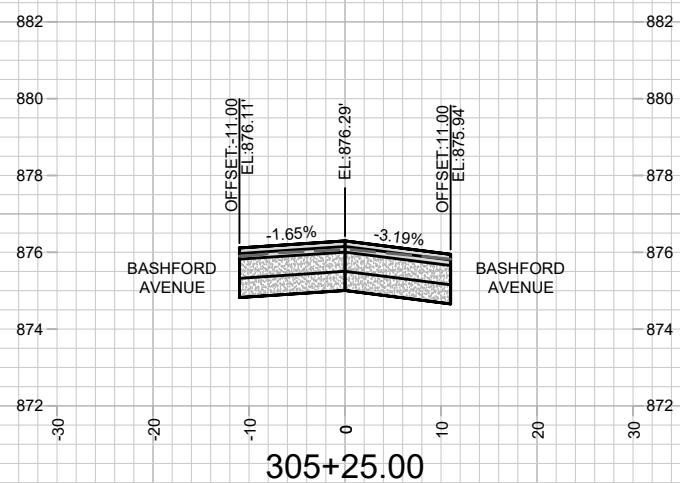
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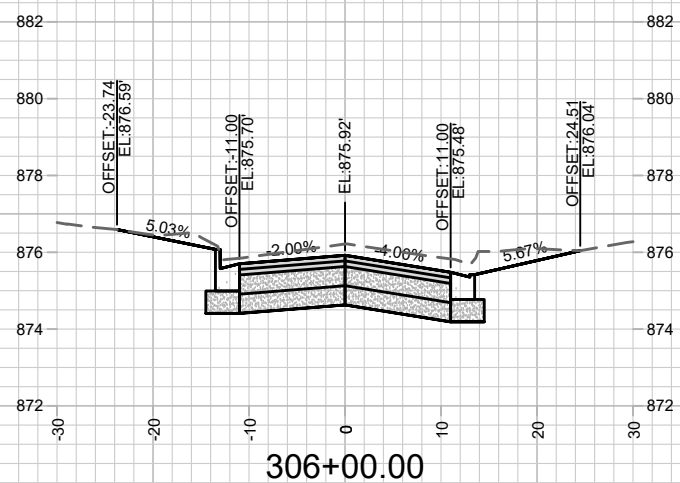
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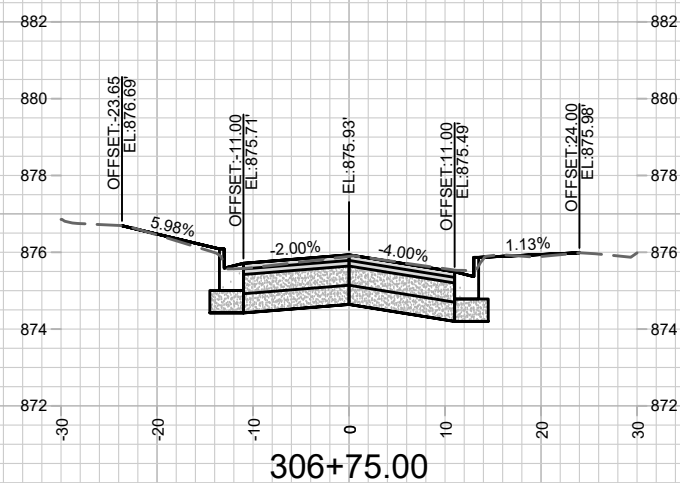
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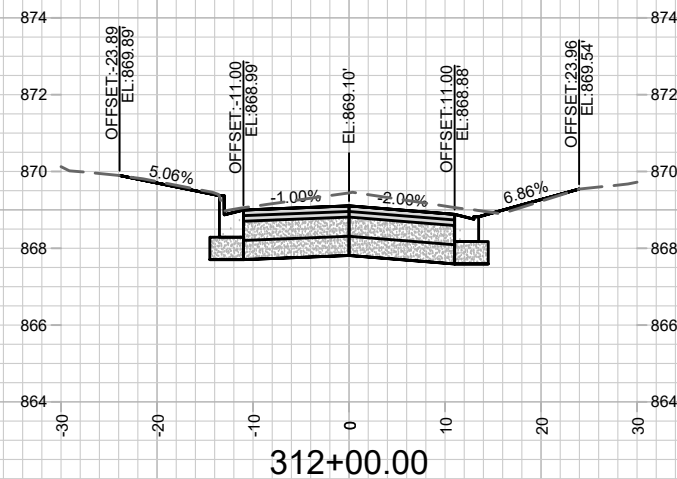
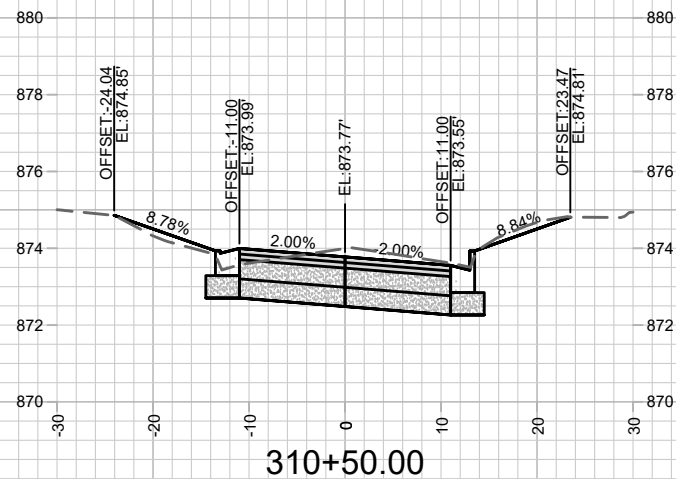
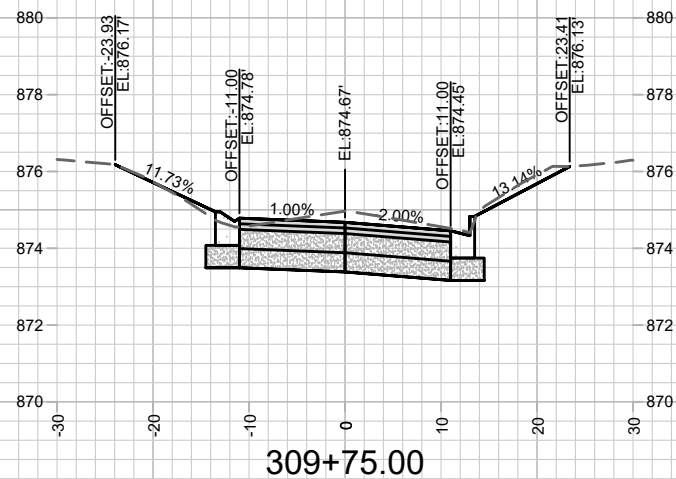
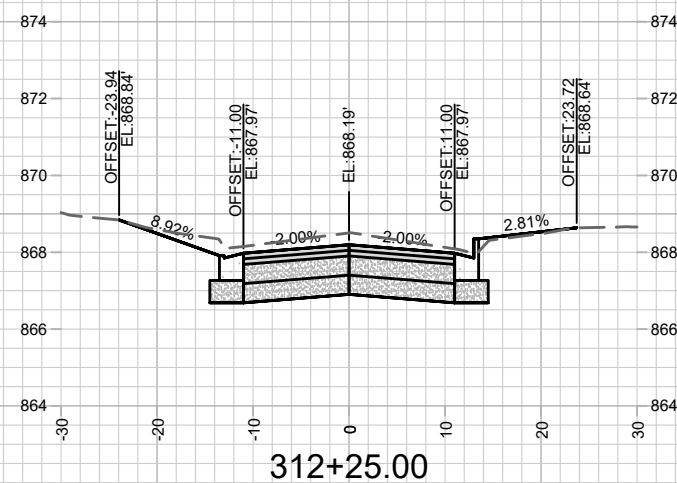
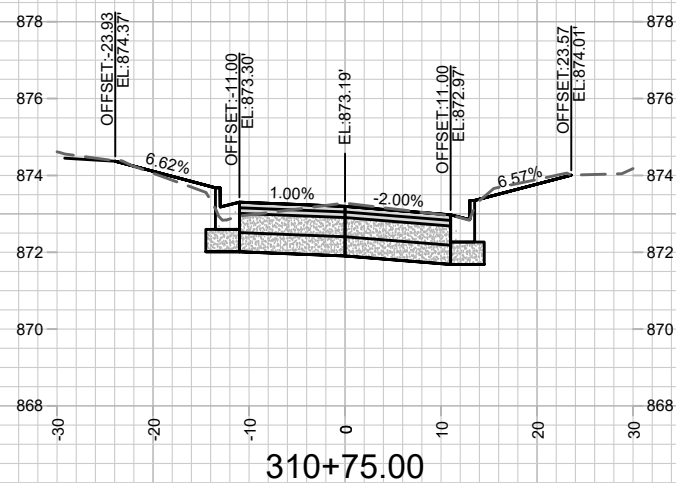
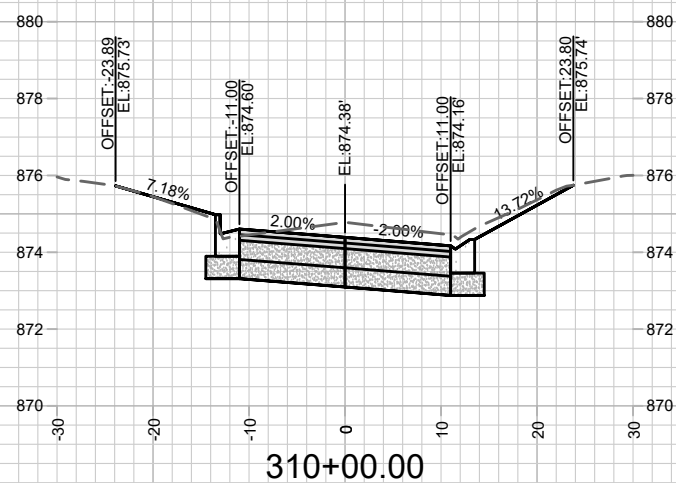
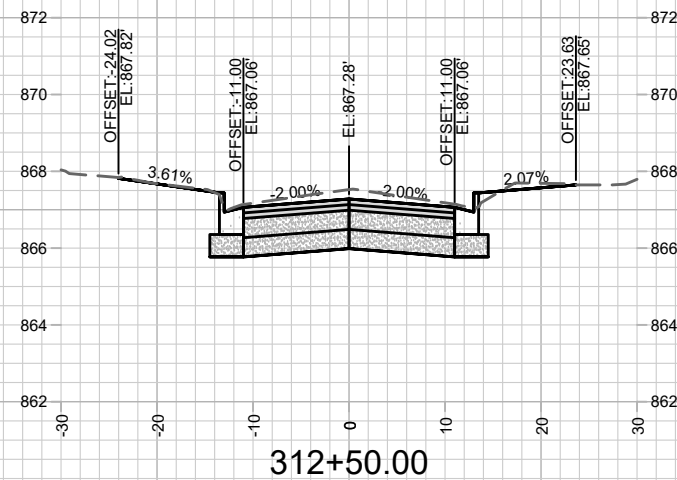
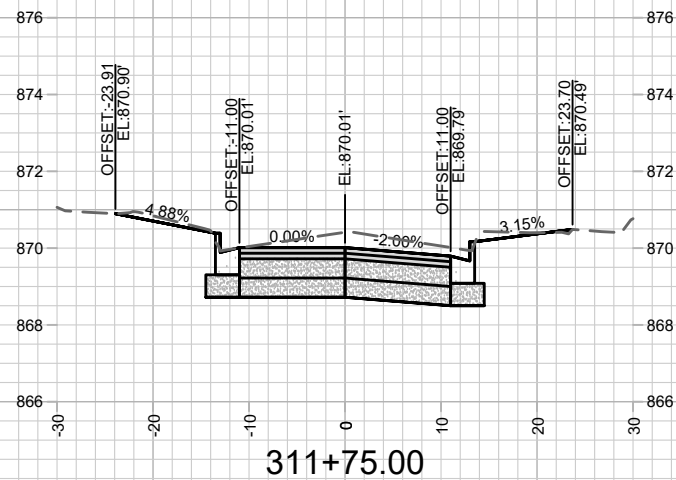
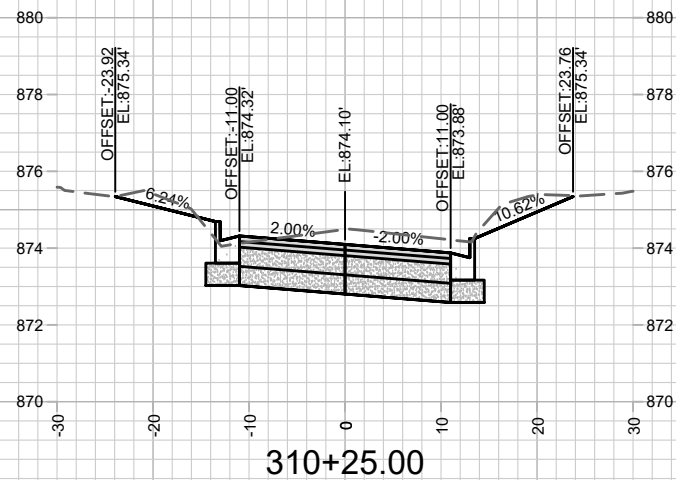


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 CROSS SECTIONS - JACKSON STREET
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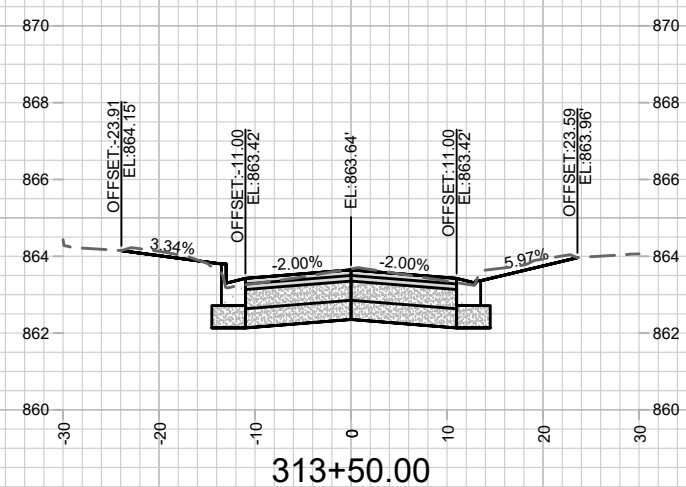
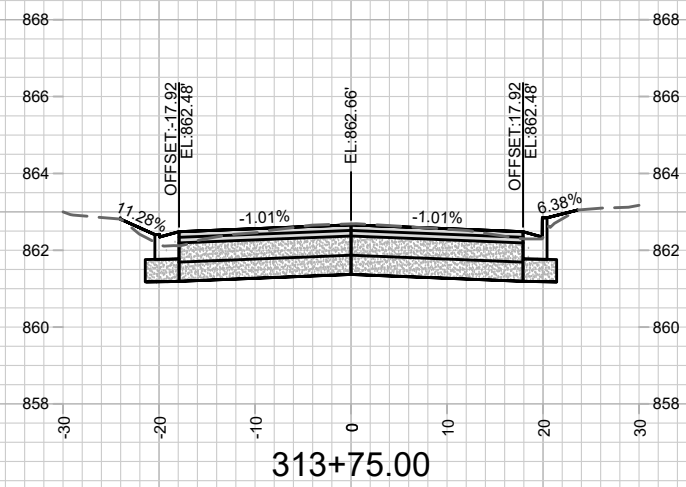
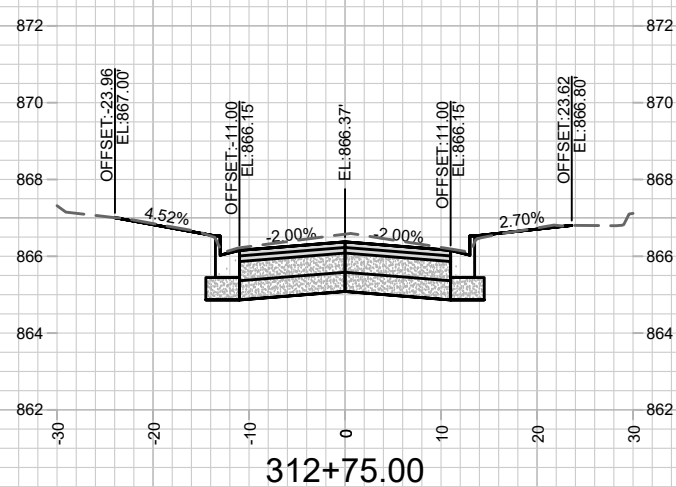
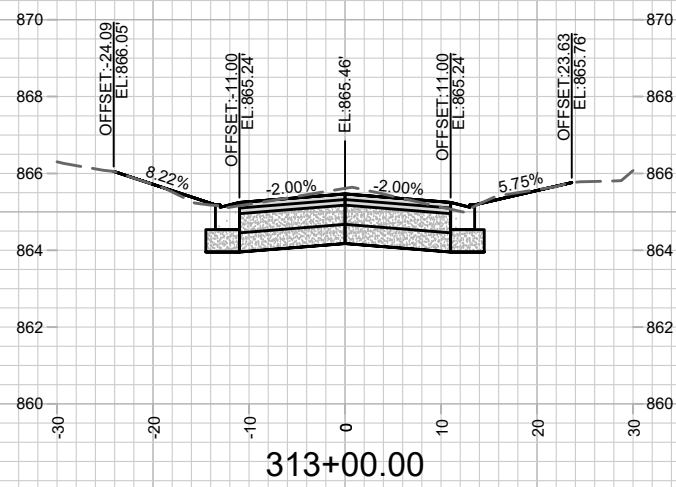
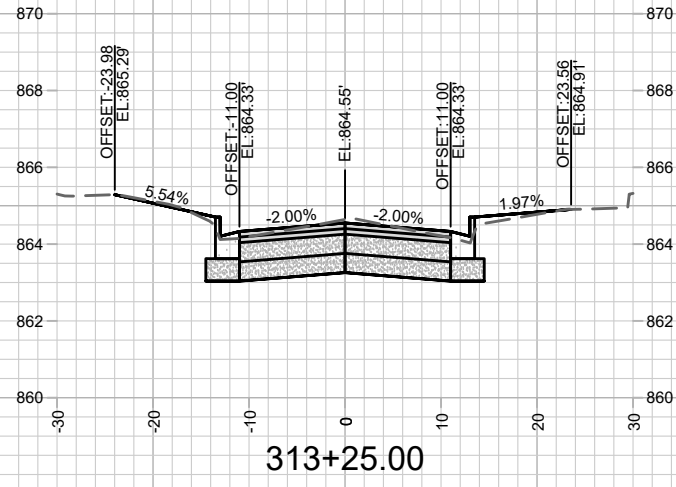


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 MADISON, WI
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