

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

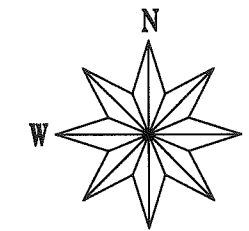
PLAN OF PROPOSED IMPROVEMENT

S. STOUGHTON RD SERVICE RD, REMINGTON RD,
& BLOSSOM LN ASSESSMENT DISTRICT-2017

CITY PROJECT NO. 11437
CITY CONTRACT NO. 7845

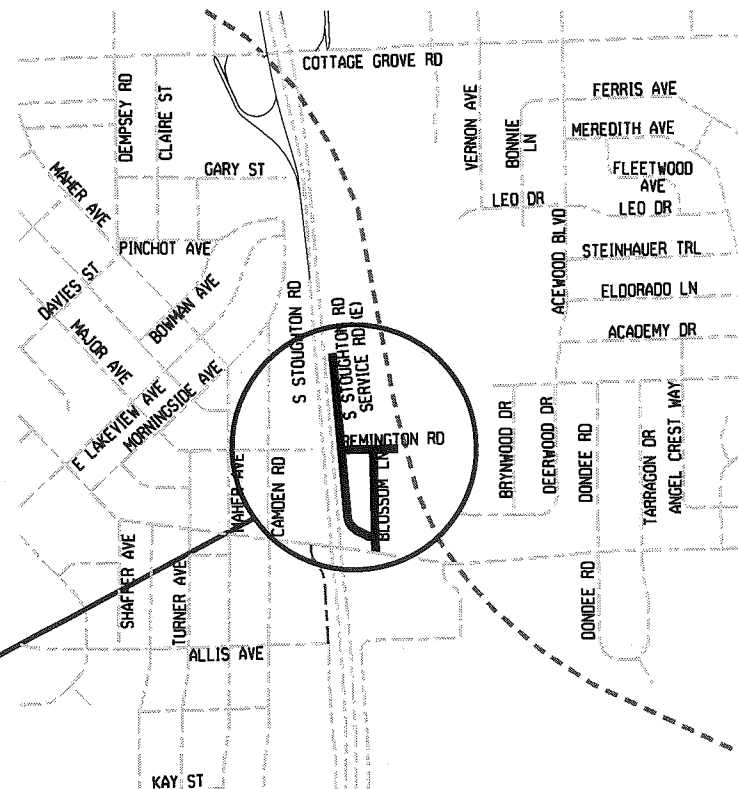
INDEX OF SHEETS

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SHEET NO.	P4-P7	STREET PLAN & PROFILES-S STOUGHTON SERVICE RD
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SHEET NO.	U2	UTILITY PLAN & PROFILES-S STOUGHTON RD SERVICE RD
SHEET NO.	U3	STORM SEWER SCHEDULES
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SHEET NO.	W10	WATER ESTIMATE OF MATERIALS/DETAILS
SHEET NO.	X1-X4	CROSS SECTIONS



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

CONSTRUCTION PROJECT LOCATION



NOTES:

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

SIDEWALK RAMPS AND CURB THRU 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%.

EARTH WORK SUMMARY:

EXCAVATION CUT (REMINGTON RD) (MEASURED PLAN QUANTITY)..... 598 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT 260 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT..... 858 C.Y.

PUBLIC IMPROVEMENT PROJECT
APPROVED

MARCH 21, 2017

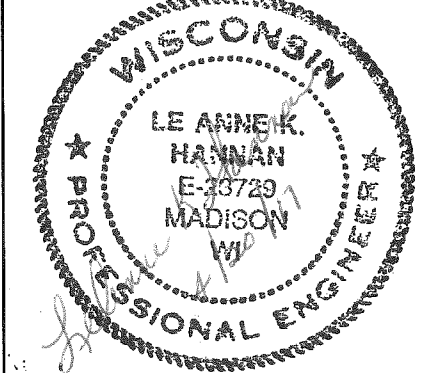
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

City Engineer

Date

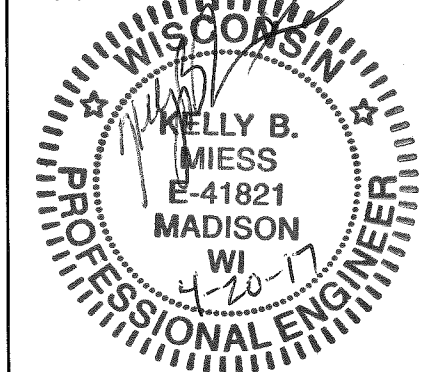
STREET
DESIGNED BY:



STORM SEWER
DESIGNED BY:



WATER
DESIGNED BY:



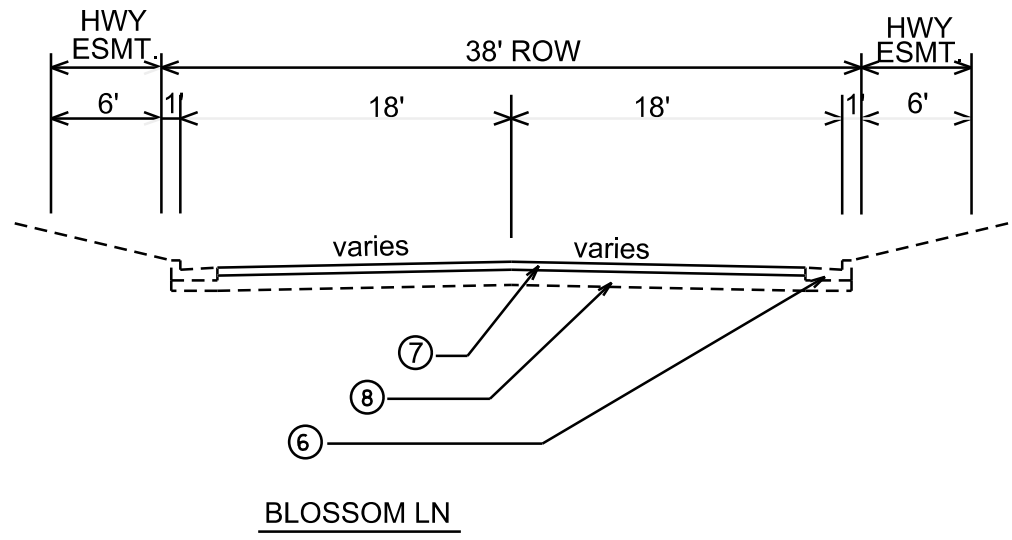
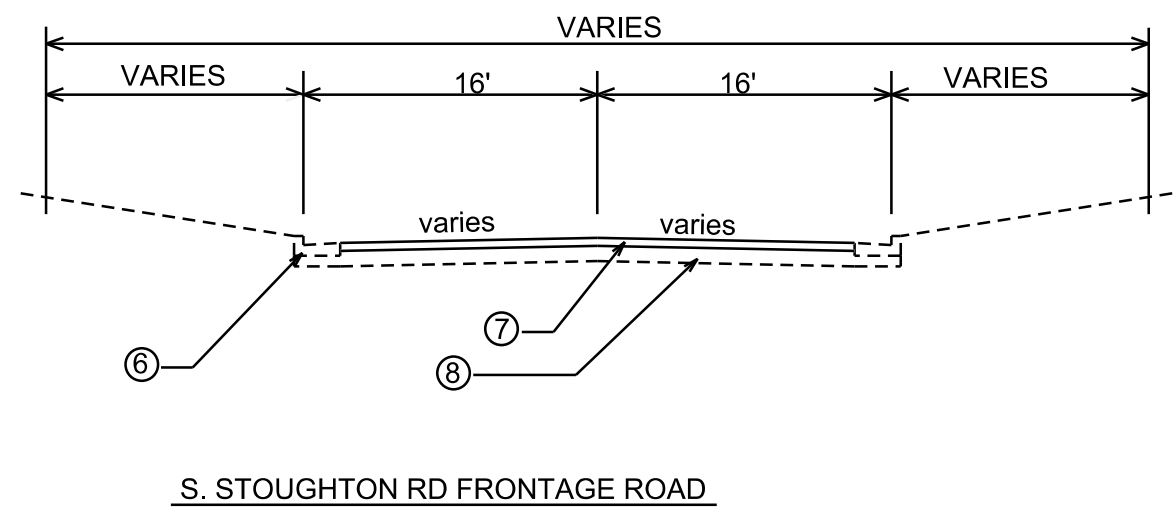
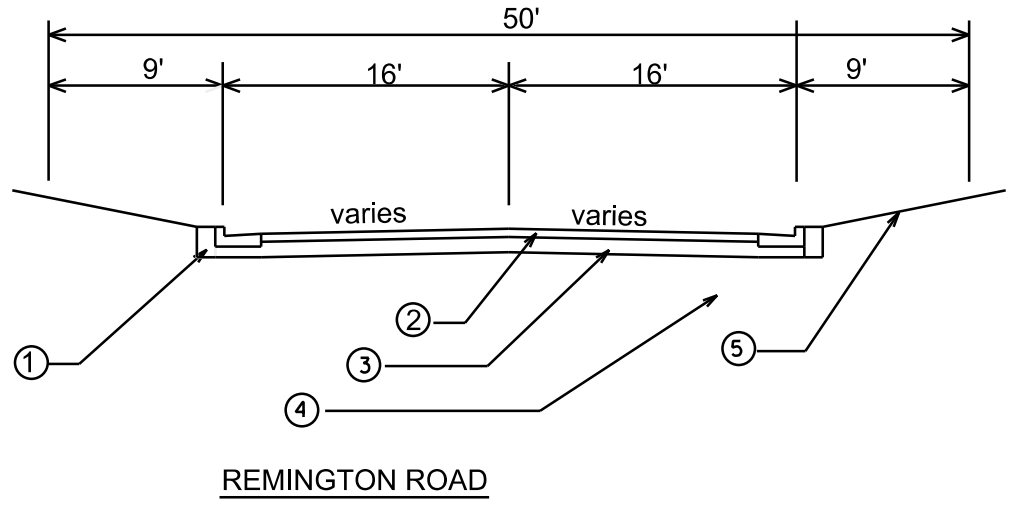
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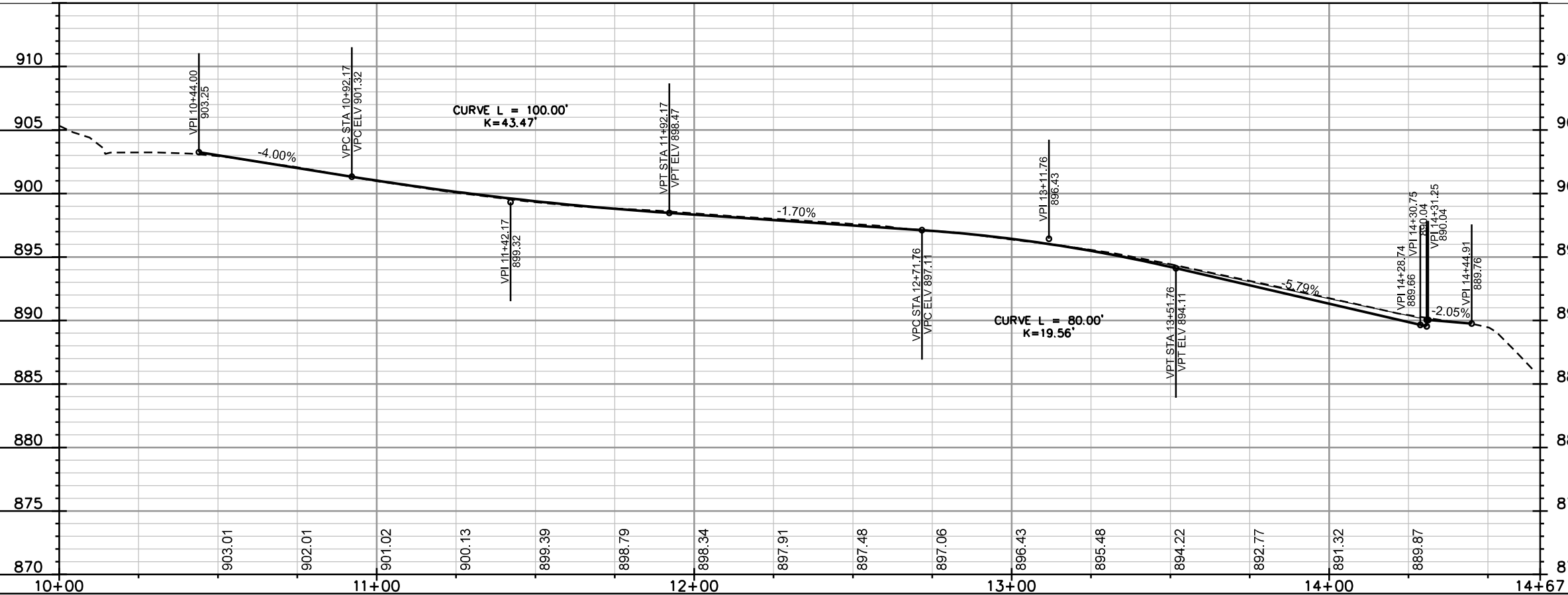
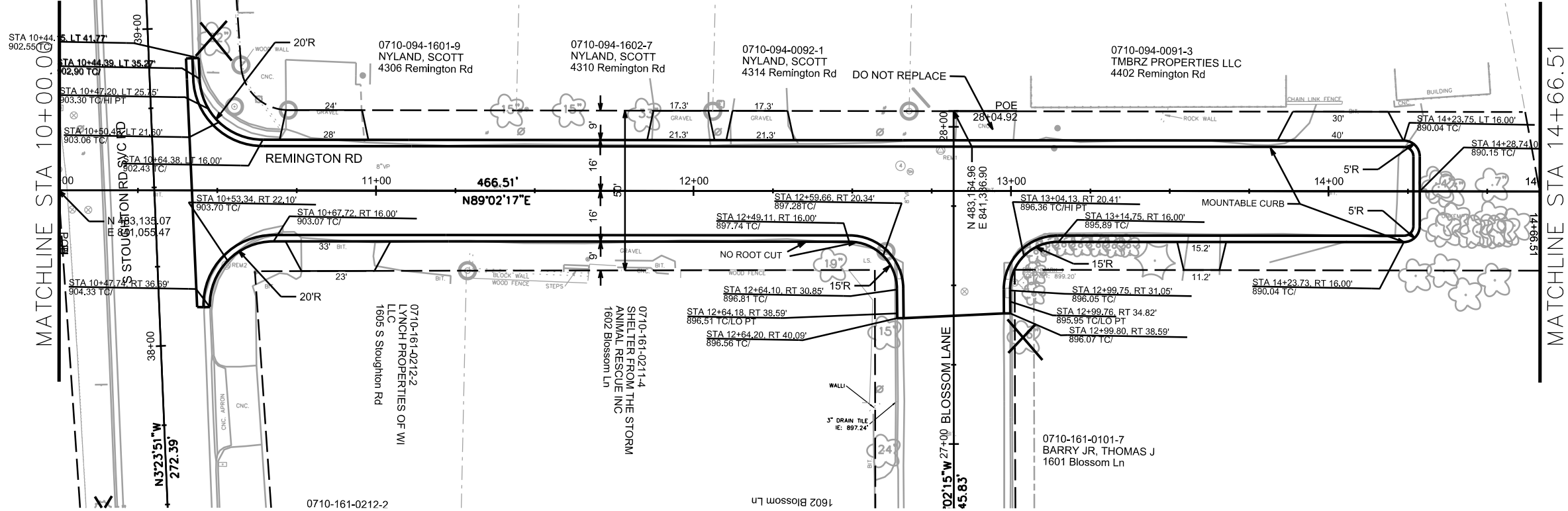
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ORIGINATOR: _____

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



- ① FILL
- ② 3-1/2" PAV'T TYPE E-1
- ③ 4" C.A.B.C.GR. 2
6" C.A.B.C.GR. 1
- ④ TYPE A CONC. C&G
- ⑤ 4" TOPSOIL, SEED & MATTING
- ⑥ EXISTING CURB & GUTTER
- ⑦ PULVERIZE, SHAPE, OVERLAY WITH
3" HMA PAVT. E-1
- ⑧ EXISTING BASE COURSE



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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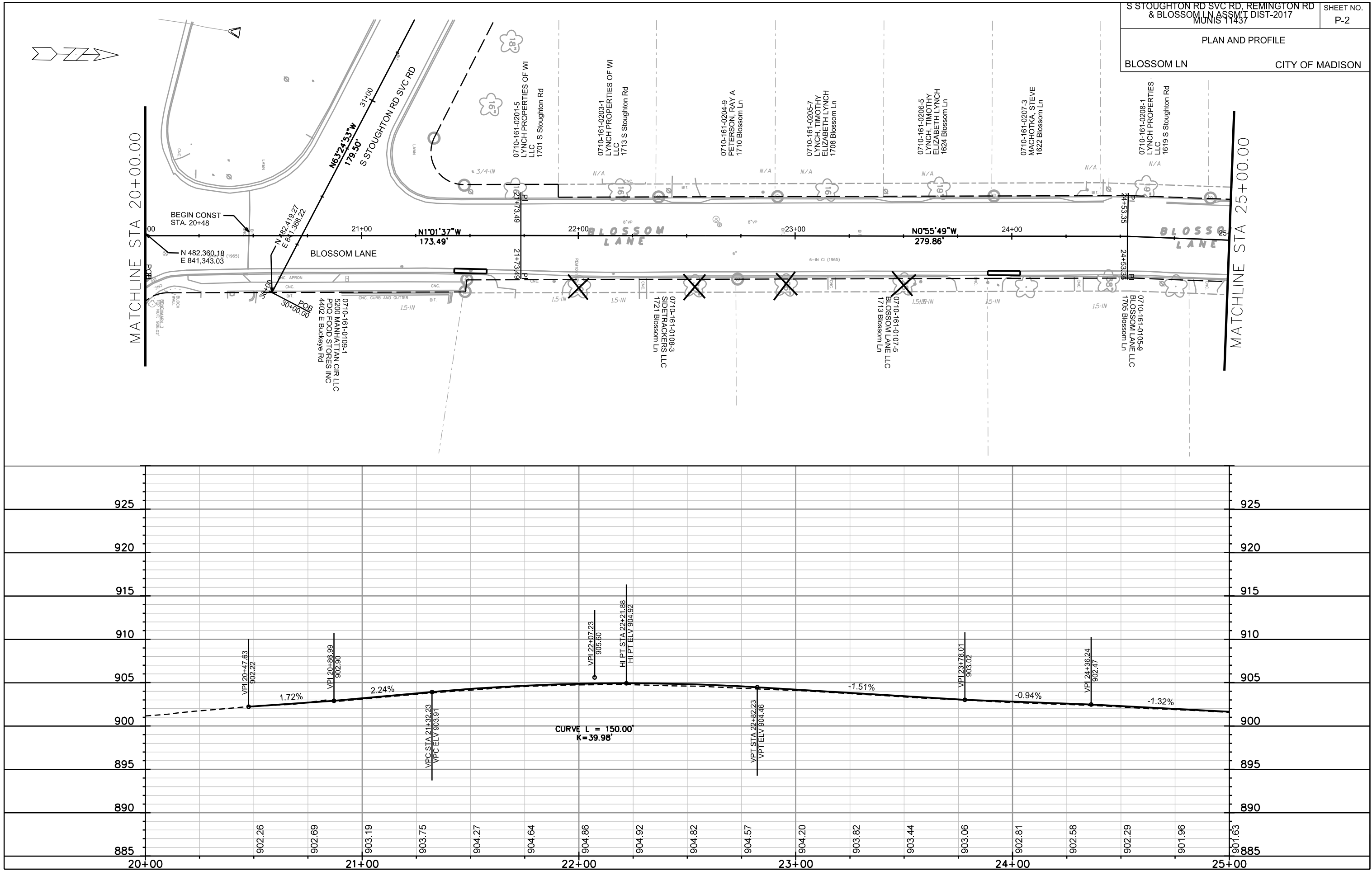
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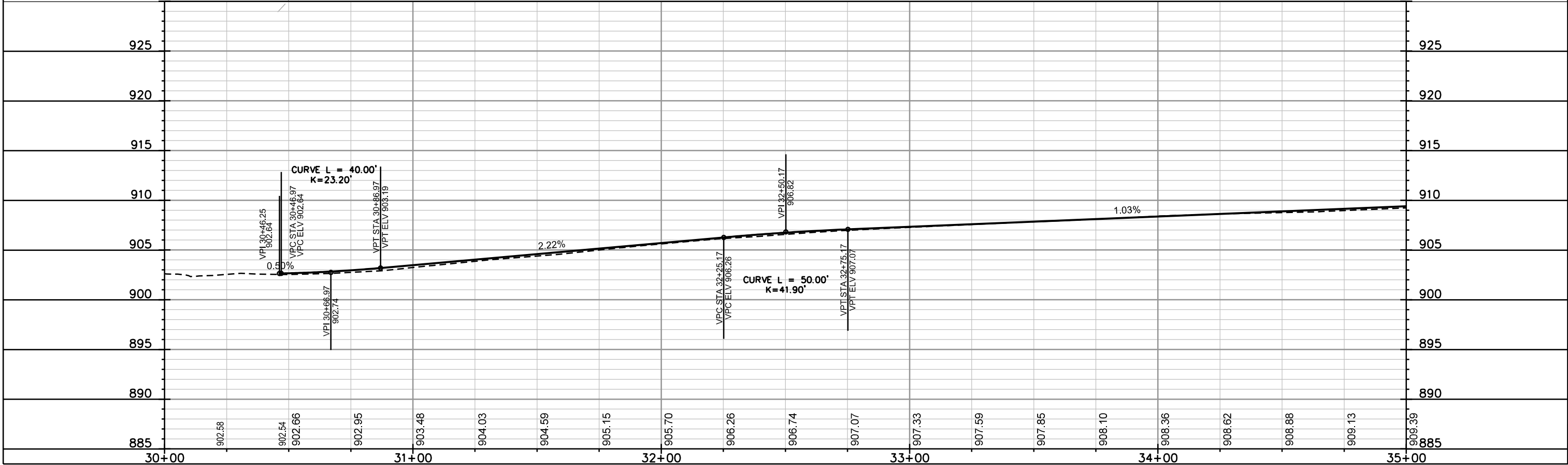
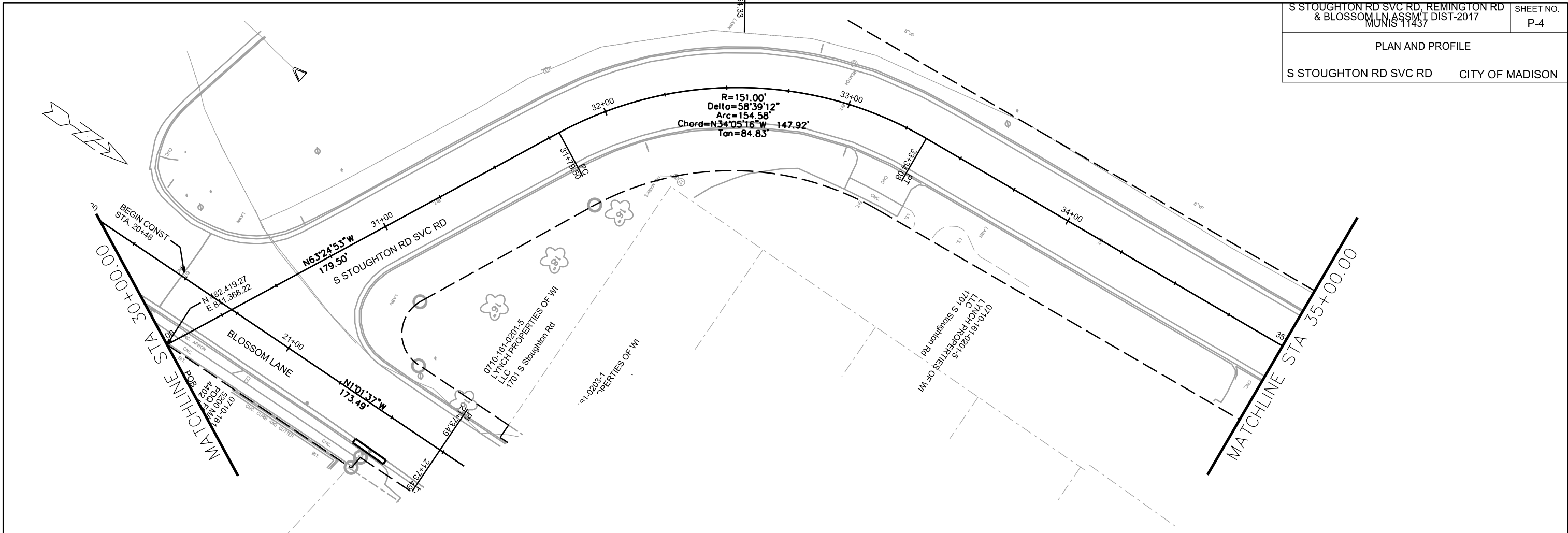
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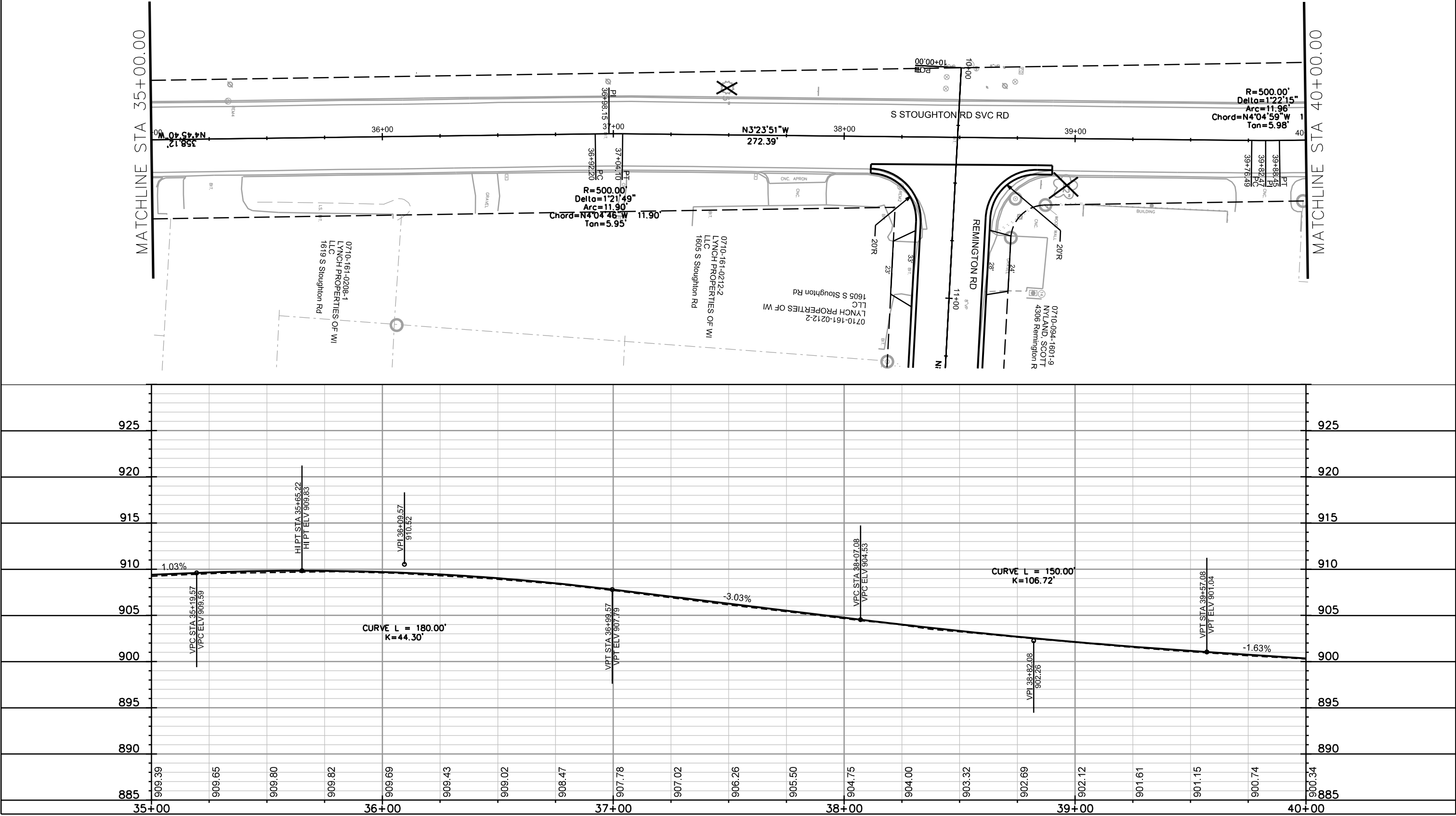
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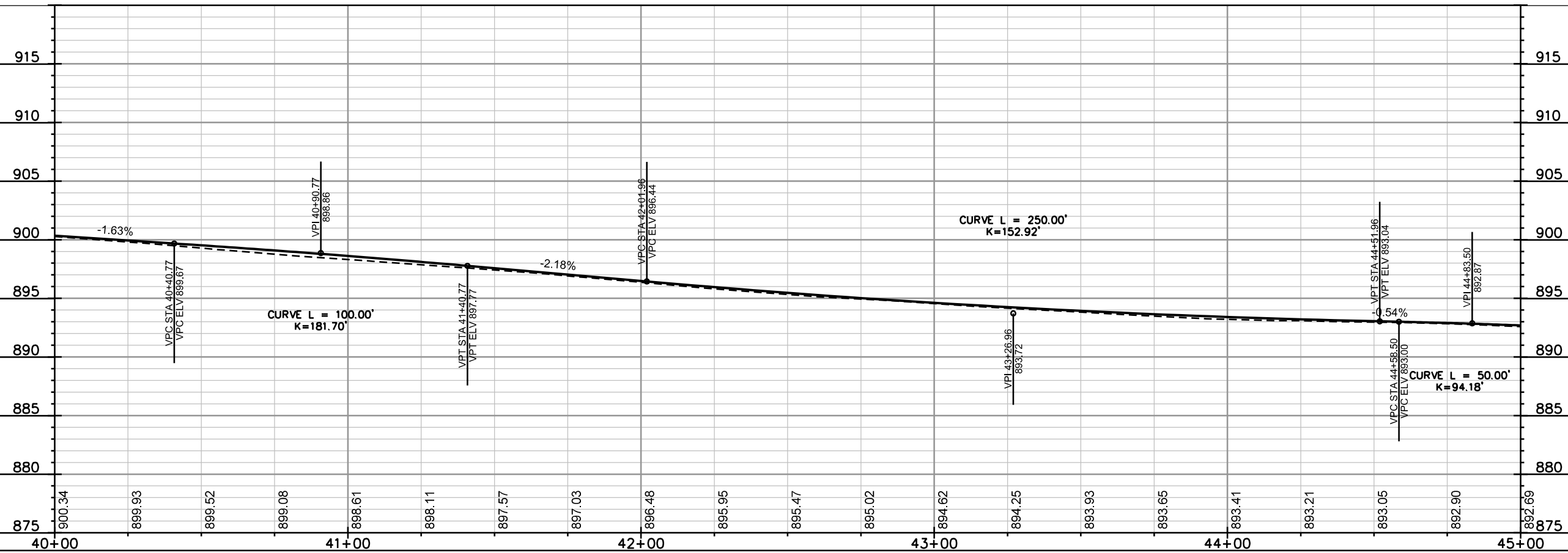
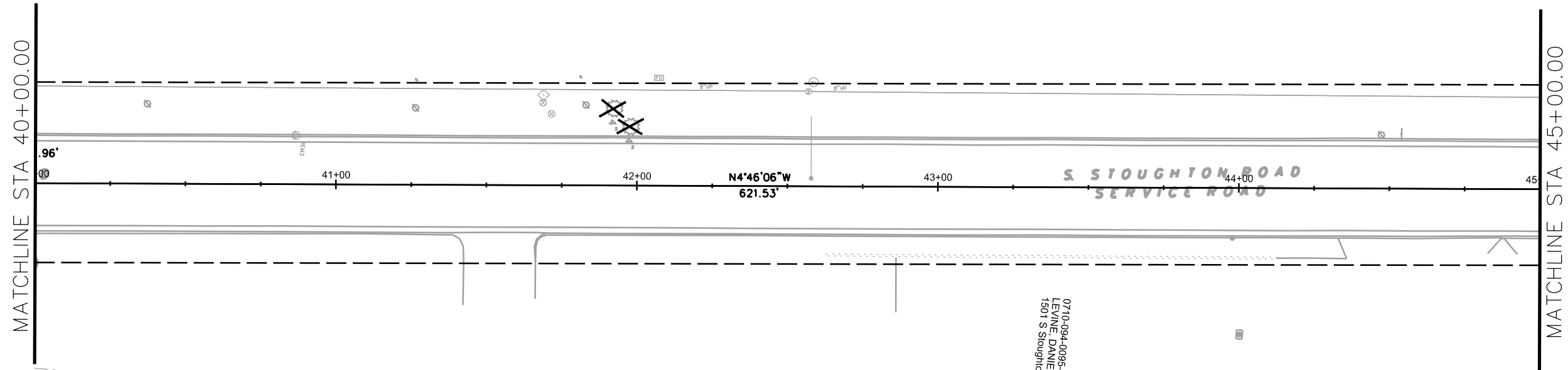
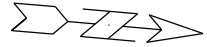
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

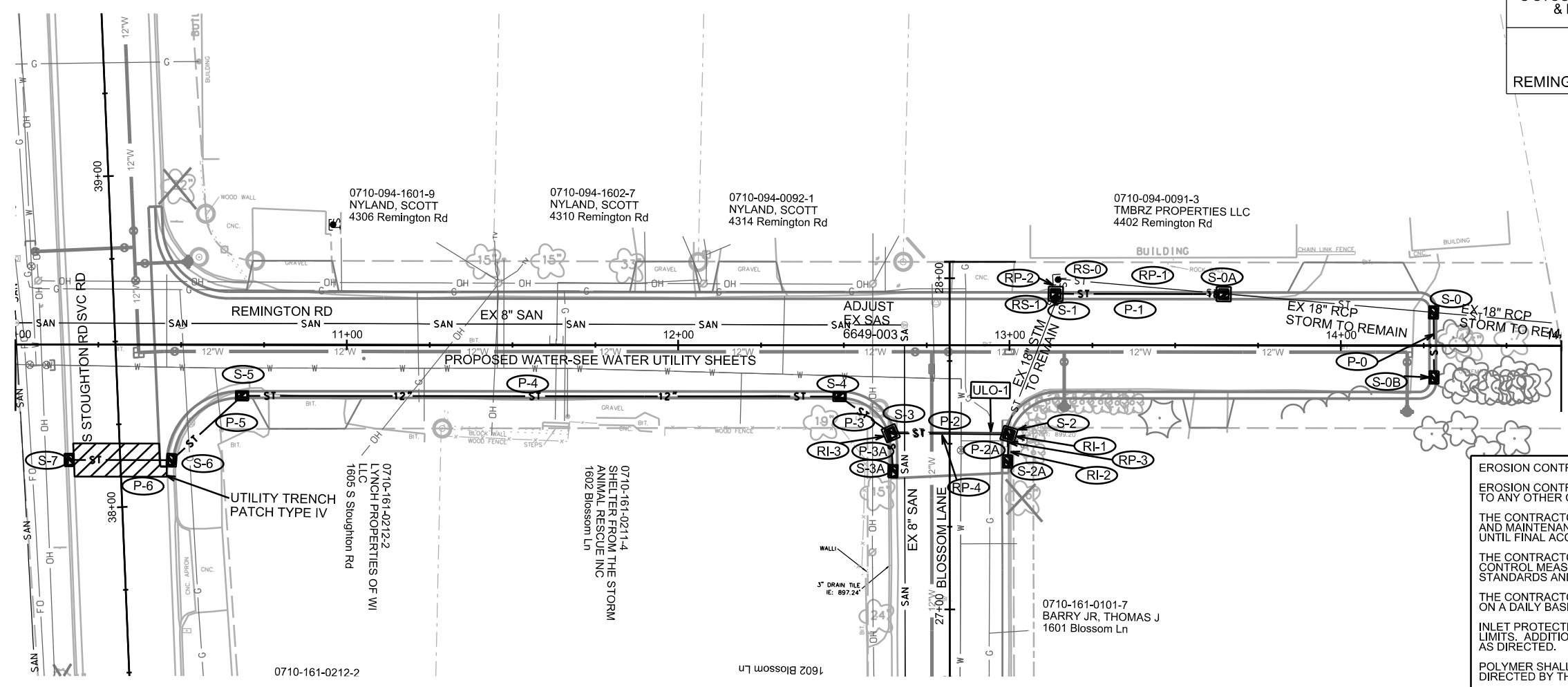
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EROSION CONTROL NOTES:

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

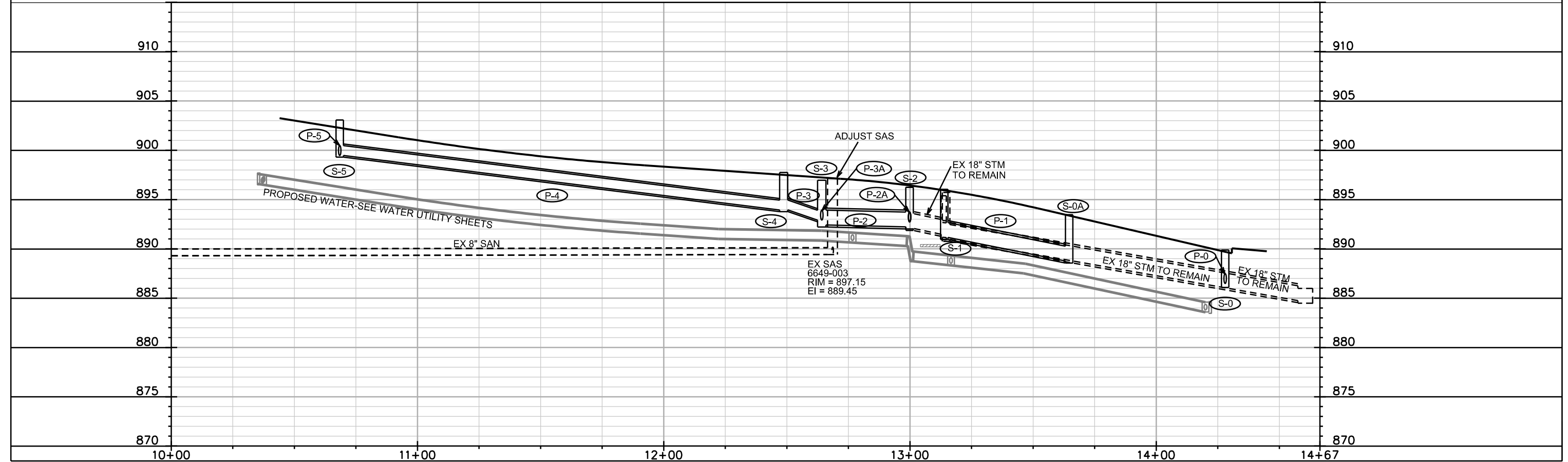
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

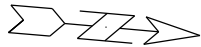
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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

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

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



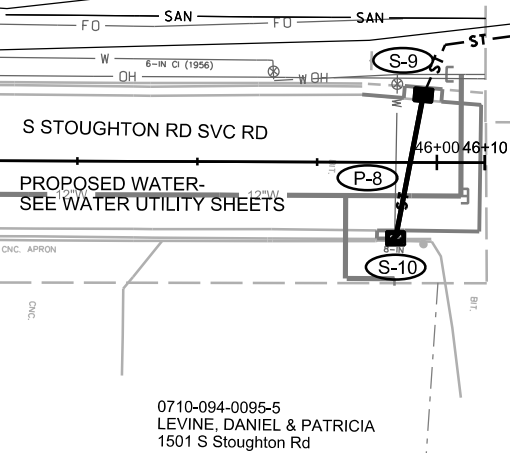


CITY OF MADISON
TO ACQUIRE A PERMIT FROM WDOT
TO DO WORK FOR P-7.
IF A PERMIT CANNOT BE OBTAINED,
ALL THE STORM SEWER WORK ON THIS SHEET
TO BE REMOVED FROM CONTRACT.

PIPE PROVISION, INSTALLATION &
RESTORATION PER BID ITEM
90030 - INSTALL PIPE P-7

WORK ON PIPE P-7
TO BE DONE FROM
STOUGHTON RD ROW.
NO WORK ON PRIVATE PROPERTY

MATCHLINE STA 45+00.00



EROSION CONTROL NOTES:

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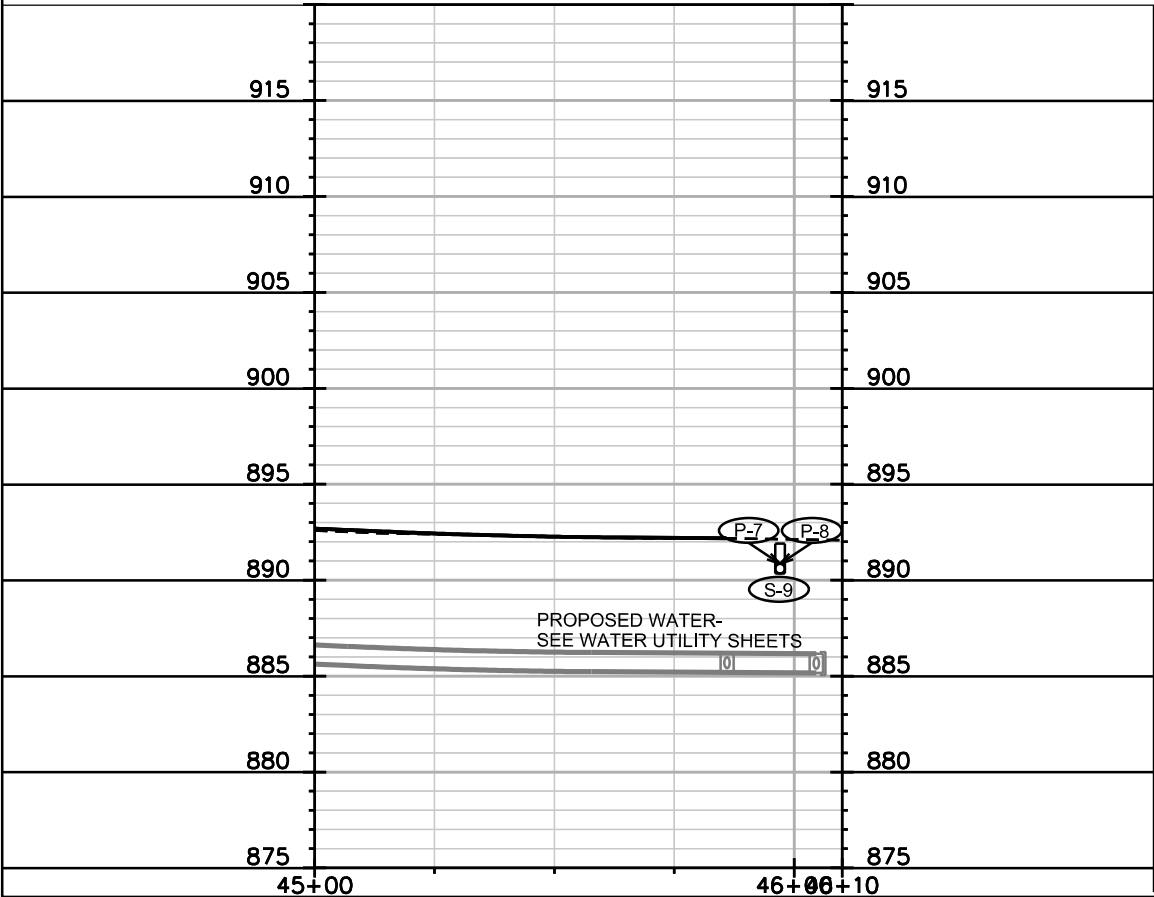
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STORM SEWER SCHEDULE

S STOUGHTON RD SVC RD, REMINGTON RD & BLOSSOM LN ASSMT DIST-2017	SHEET NO. U-3
MUNIS 11437	
STORM SEWER SCHEDULE	CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
REMINGTON RD							
S-0	14+27.98	LT-10.00	3X3 SAS	889.88	886.03	3.85	PER SDD 5.7.8
S-0A	13+64.64	LT-15.50	3X3 SAS	893.46	888.77	4.69	W/ R-3067-7004-VB
S-0B	14+28.14	RT-9.62	H INLET	889.96	886.65	3.31	W/ R-3067-7004-VB
S-1	13+13.88	LT-15.50	3X3 SAS	896.04	891.16	4.88	W/ R-3067-7004-VB
S-2	12+99.85	RT-26.88	3X3 SAS	896.25	892.23	4.02	FP; W/ R-3067-7004-VB; (1)
S-2A	12+99.26	RT-34.82	H INLET	895.95	892.76	3.19	LP; W/ R-3067-7004
S-3	12+64.19	RT-26.58	3X3 SAS	896.96	892.42	4.54	W/ R-3067-7004-VB
S-3A	12+64.34	RT-38.05	H INLET	896.51	892.96	3.55	LP; W/ R-3067-7004
S-4	12+49.11	RT-15.50	H INLET	897.74	893.94	3.80	W/ R-3067-7004-VB
S-5	10+67.72	RT-15.50	H INLET	903.07	899.47	3.60	W/ R-3067-7004-VB
S-6	10+47.16	RT-34.82	H INLET	904.33	900.73	3.60	W/ R-3067-7004-VB
S-7	10+16.24	RT-34.79	H INLET	904.62	901.02	3.60	W/ R-3067-7004-VB

STOUGHTON RD

S-8	47+27.00	LT-26.00	PIPE END	-	889.95	-	-
S-9	45+97.05	LT-14.23	H INLET	891.91	890.35	1.56	W/ R-3067-7004-VB
S-10	45+91.38	RT-15.68	H INLET	892.13	890.38	1.75	W/ R-3067-7004-VB

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RS-0	-	13+14.82	LT-19.70	CB	-
RS-1	IN 6649-006	13+13.88	LT-15.50	CB	-
RI-1	IN 6649-004	12+99.85	RT-26.88	H INLET	-
RI-2	IN 6649-005	12+99.85	RT-32.00	H INLET	-
RI-3	IN 6649-003	12+64.19	RT-26.58	H INLET	-

STORM SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-1	12+94.19	RT-26.70	GAS	-

SPECIFIC NOTES

- (1) CONNECT EXISTING 18" PIPE TO NORTH
(2) TO BE PAID FOR UNDER BID ITEM 90030

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
REMINGTON RD										
P-0	S-0	S-0B	886.53	886.65	20	17	0.71%	12"	TYPE I	-
P-1	S-0A	S-1	888.77	891.16	51	48	4.98%	18"	TYPE I	-
P-2	S-2	S-3	892.23	892.42	36	32	0.59%	18"	TYPE I	-
P-2A	S-2	S-2A	892.73	892.76	8	5	0.60%	12"	TYPE I	-
P-3	S-3	S-4	892.92	893.94	19	16	6.38%	12"	TYPE II	-
P-3A	S-3	S-3A	892.92	892.96	11	8	0.50%	12"	TYPE II	-
P-4	S-4	S-5	893.94	899.47	180	177	3.12%	12"	TYPE II	-
P-5	S-5	S-6	899.47	900.73	29	26	4.85%	12"	TYPE I	-
P-6	S-6	S-7	900.73	901.02	31	29	1.00%	12"	TYPE I	-

STOUGHTON RD

P-7	S-8	S-9	889.95	890.35	134	134	0.30%	6"	SDR-35	(2)
P-8	S-9	S-10	890.35	890.38	30	28	0.11%	6"	C-900	-

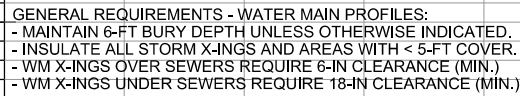
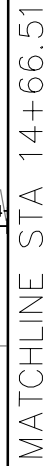
REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
RP-1	S-0A	RS-0	50	18"	RCP	N	-
RP-2	RS-0	RS-1	5	18"	RCP	N	-
RP-3	RI-1	RI-2	6	12"	RCP	N	-
RP-4	RI-1	RI-3	36	18"	RCP	N	-

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 SAS's.
- 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 ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.



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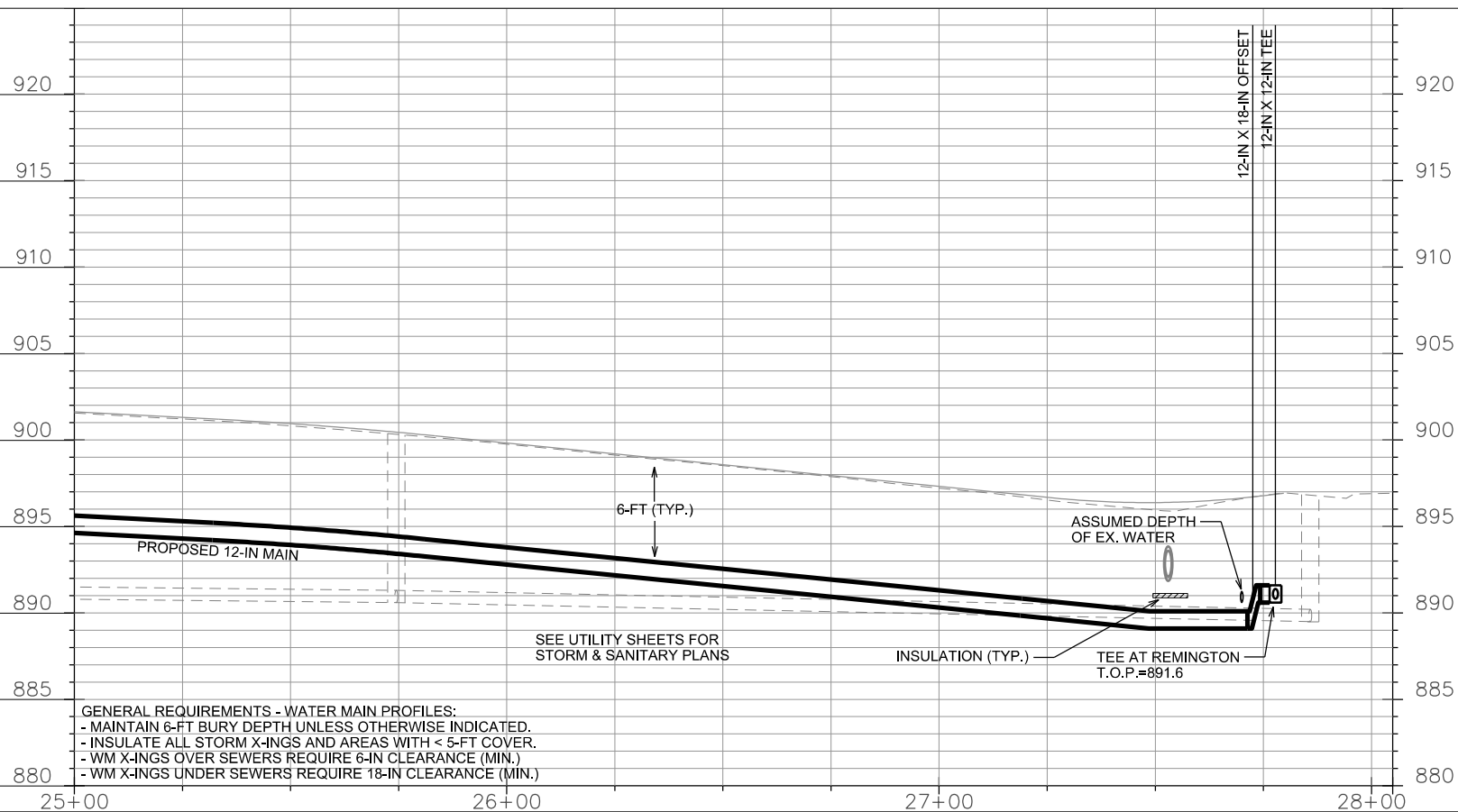
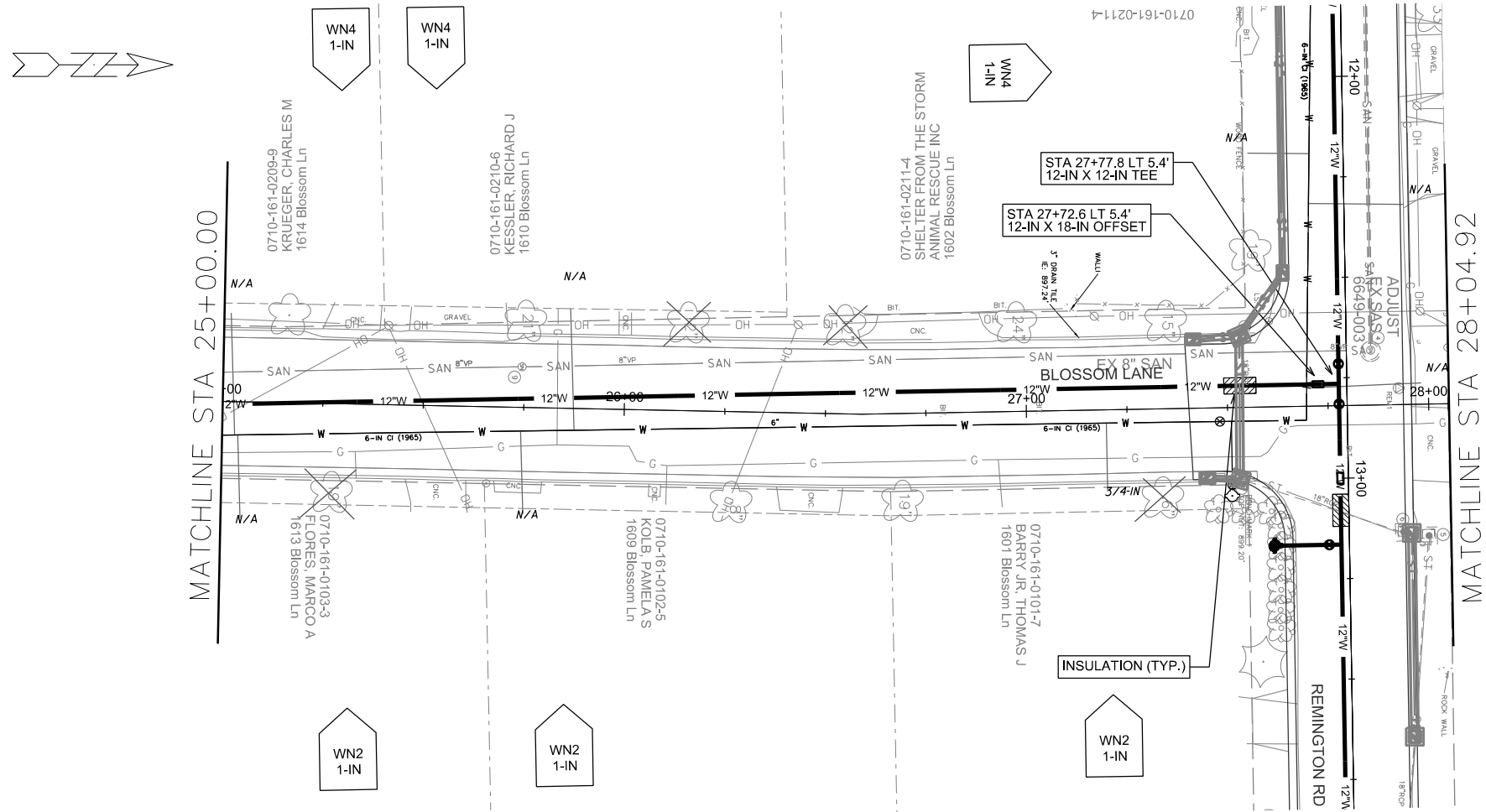
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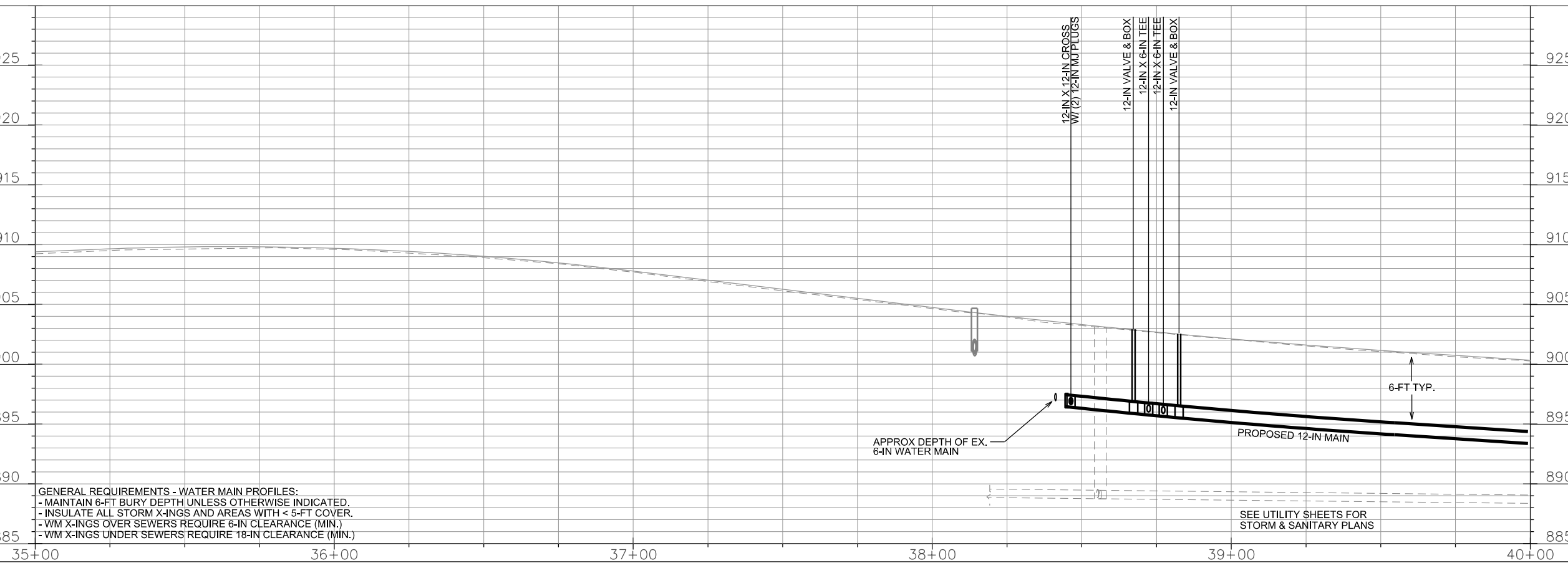
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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DATE: 4/24/2017



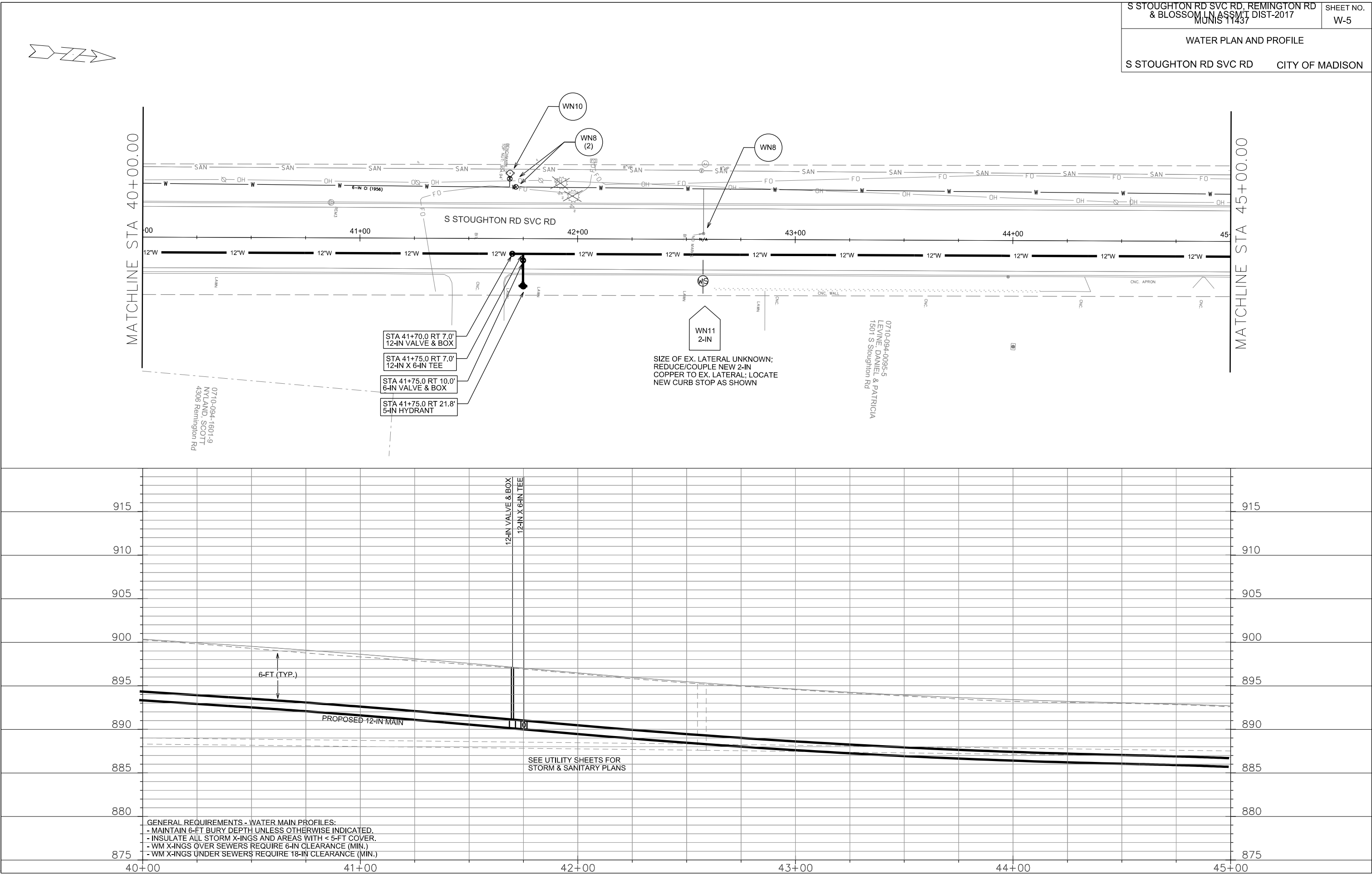


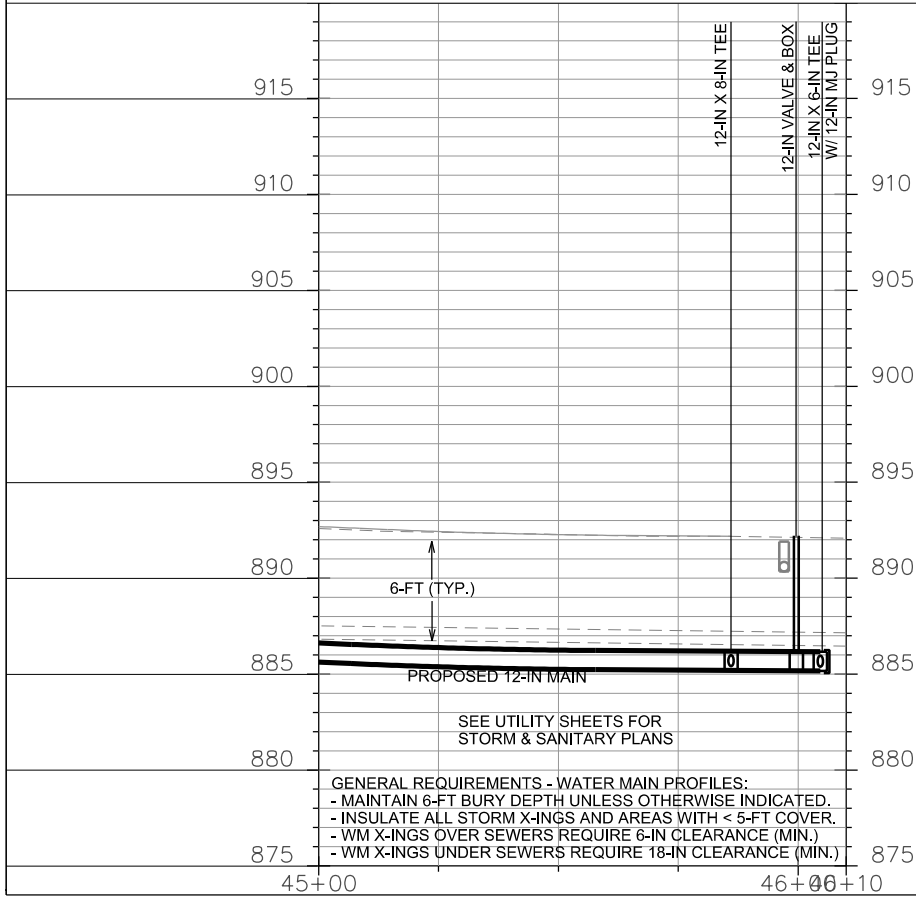
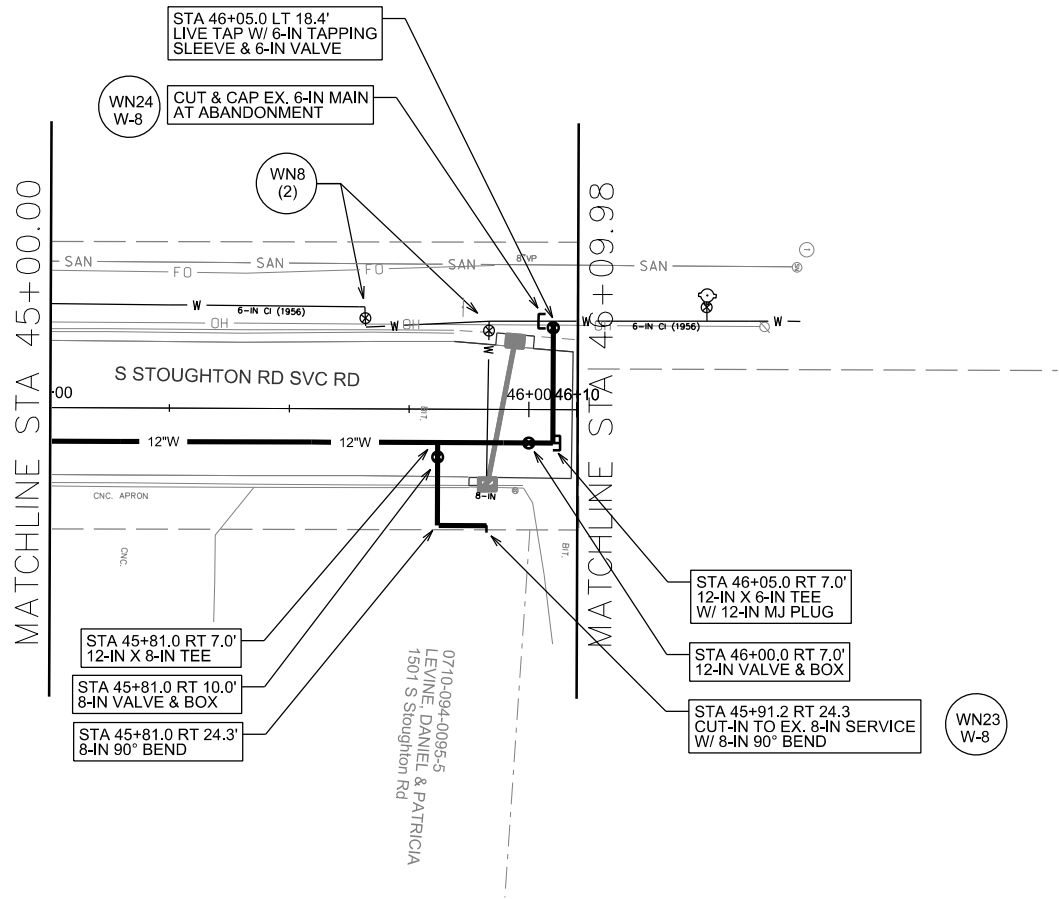
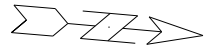
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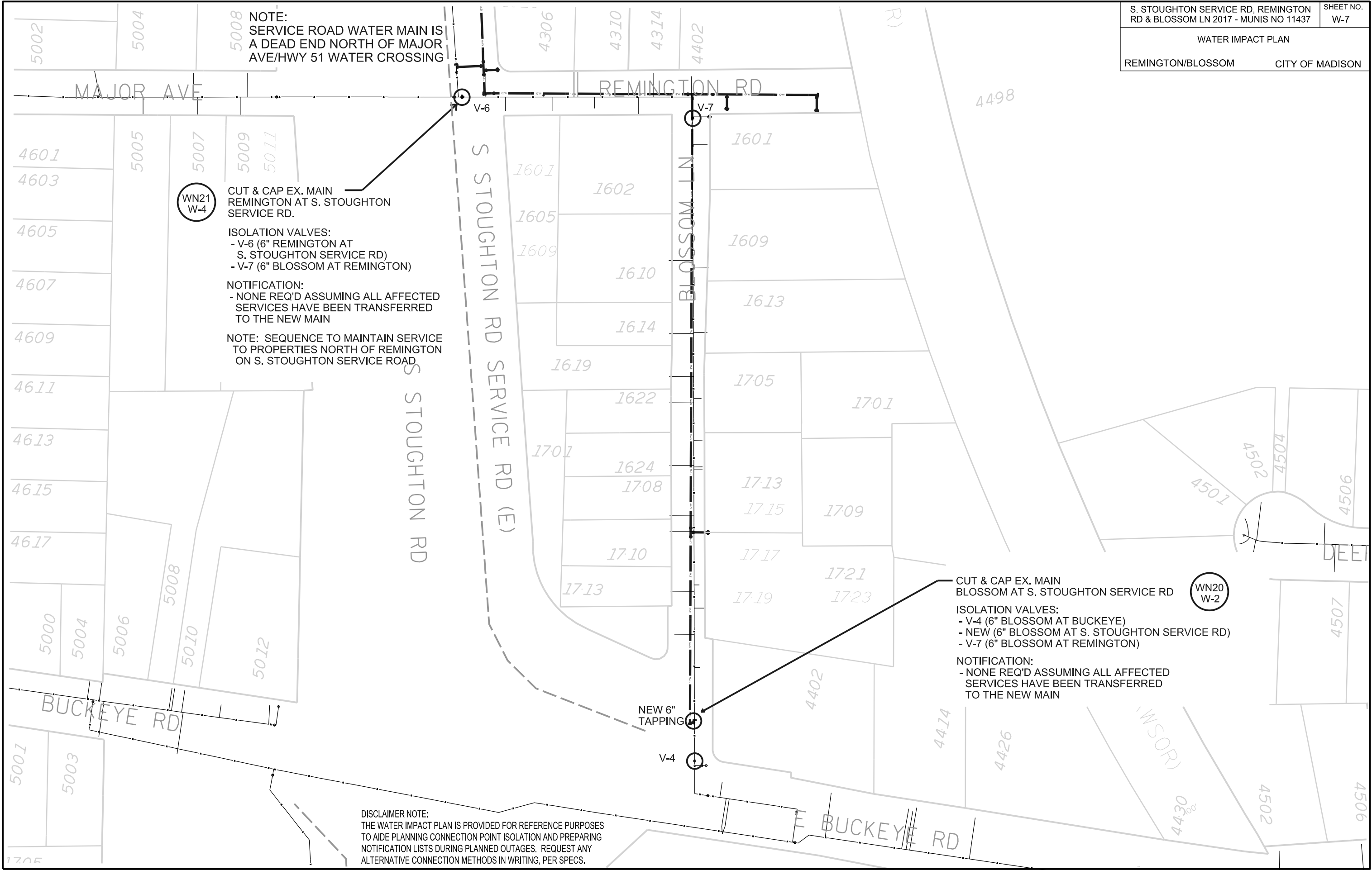
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GENERAL REQUIREMENTS - WATER MAIN PROFILES:
- MAINTAIN 6-FT BURY DEPTH UNLESS OTHERWISE INDICATED.
- INSULATE ALL STORM X-INGS AND AREAS WITH < 5-FT COVER.
- WM X-INGS OVER SEWERS REQUIRE 6-IN CLEARANCE (MIN.)
- WM X-INGS UNDER SEWERS REQUIRE 18-IN CLEARANCE (MIN.)

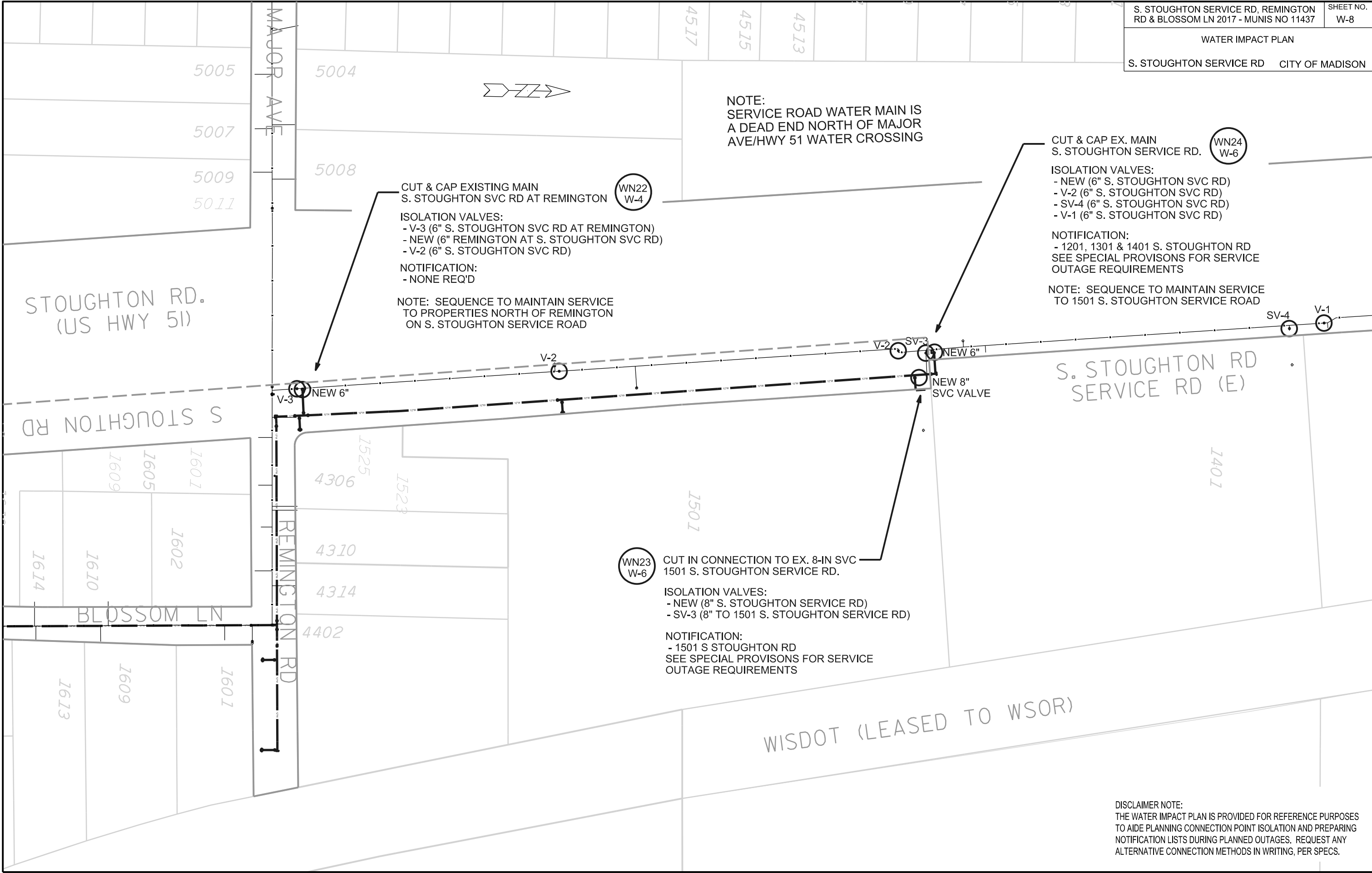


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DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

S STOUGHTON RD
HWY 51

WISDOT (LEASED TO WSOR)

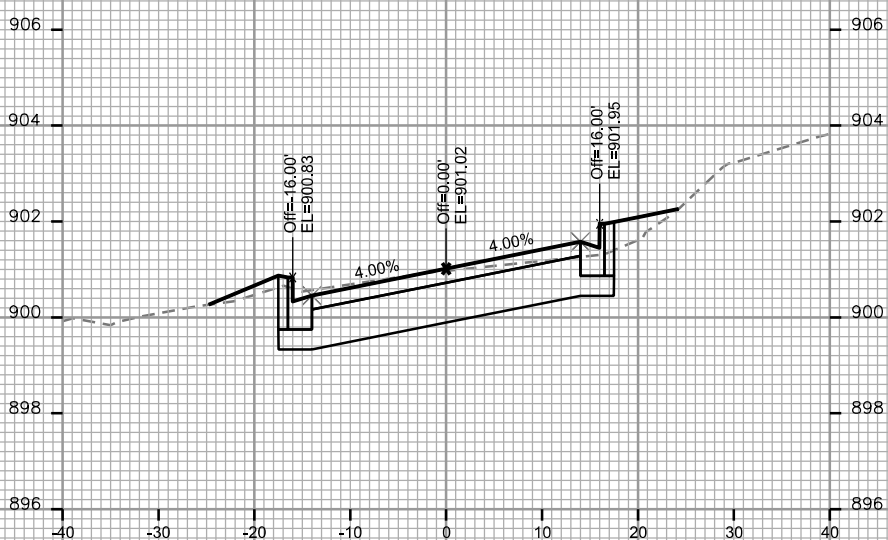
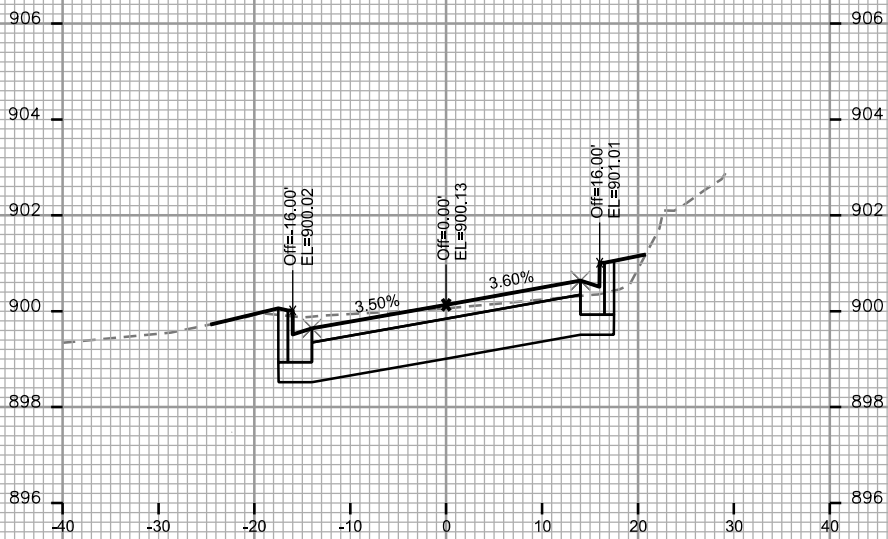
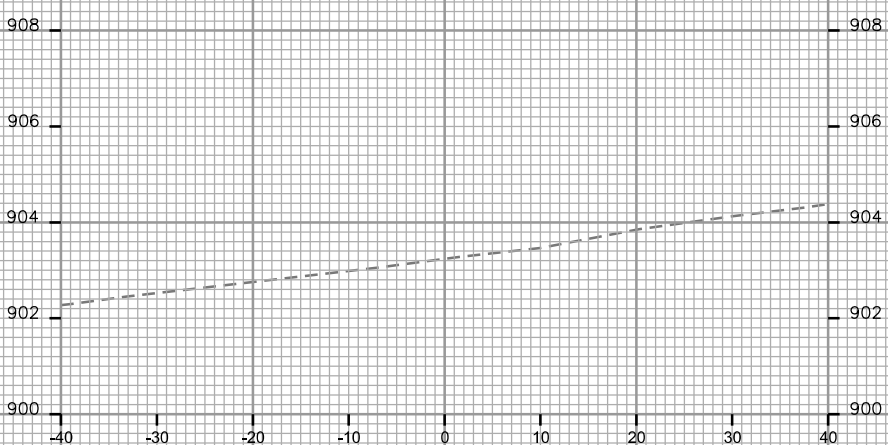
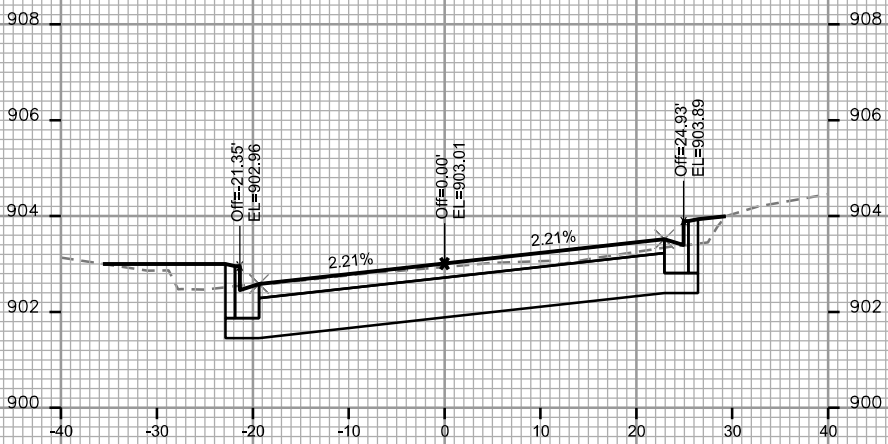
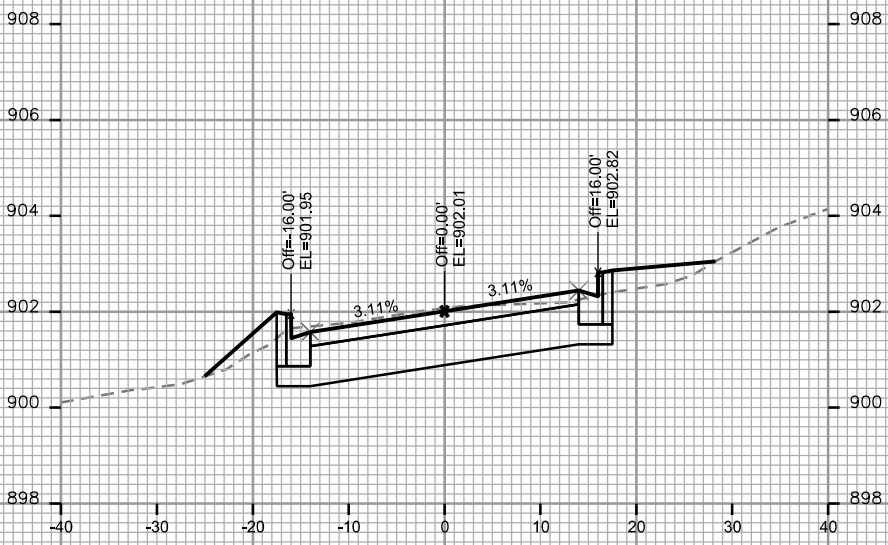
EXISTING WATER MAIN
PROPOSED WATER MAIN

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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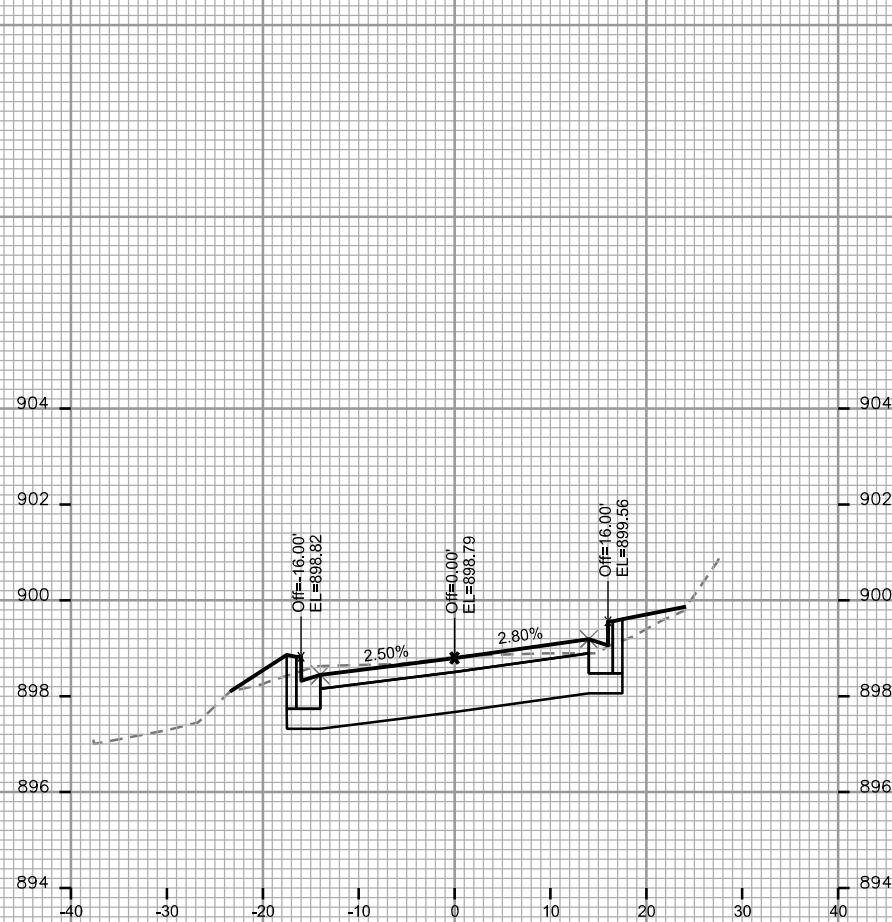


PLOT SCALE: _____

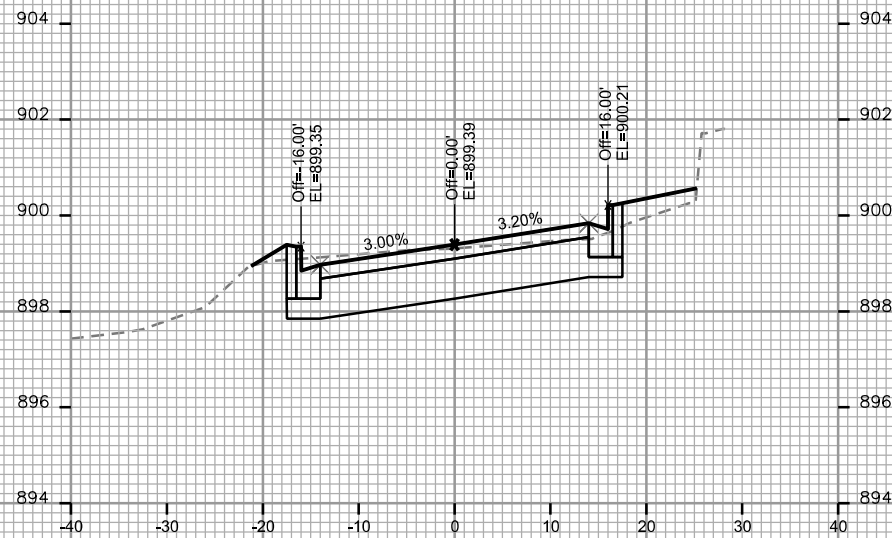
PLOT NAME: _____

REV. DATE: _____

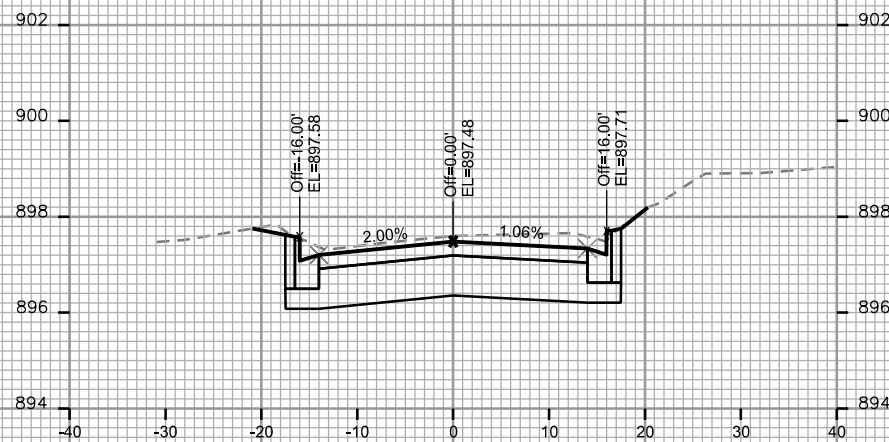
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



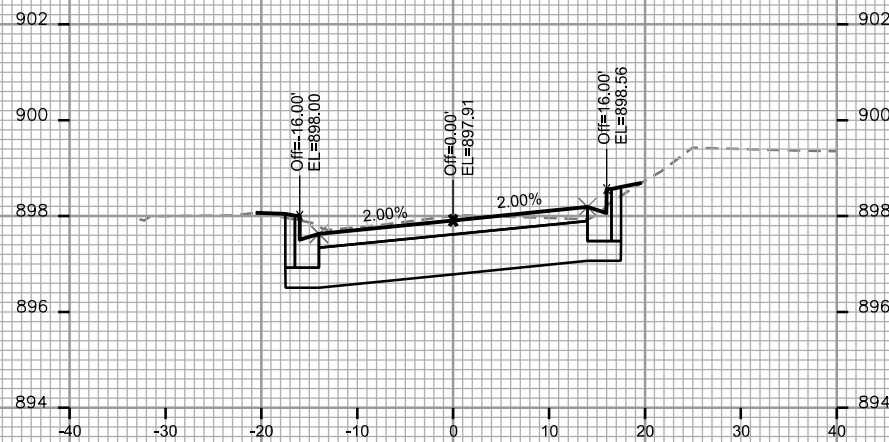
STA. 11+75



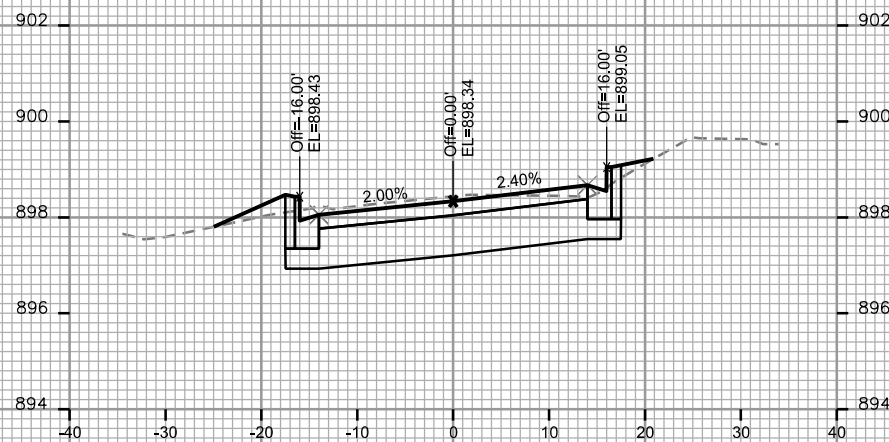
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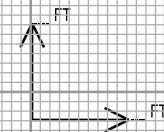
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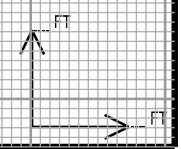
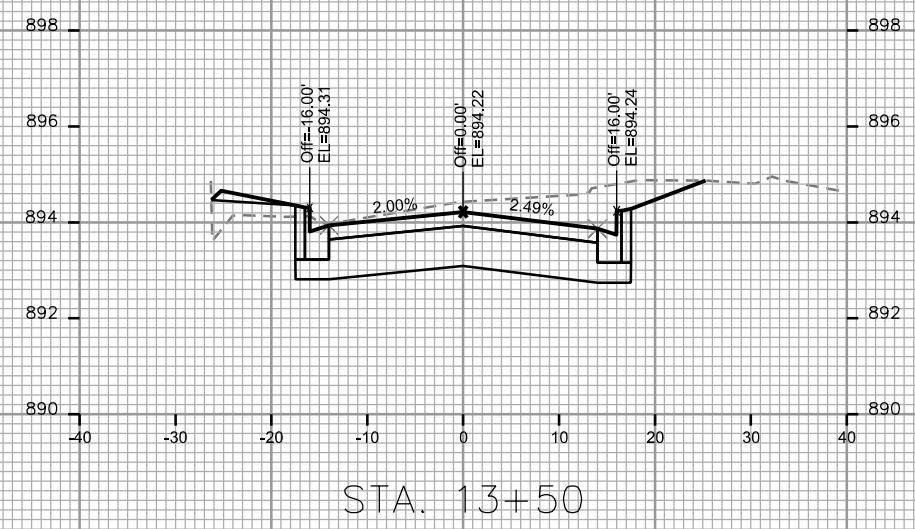
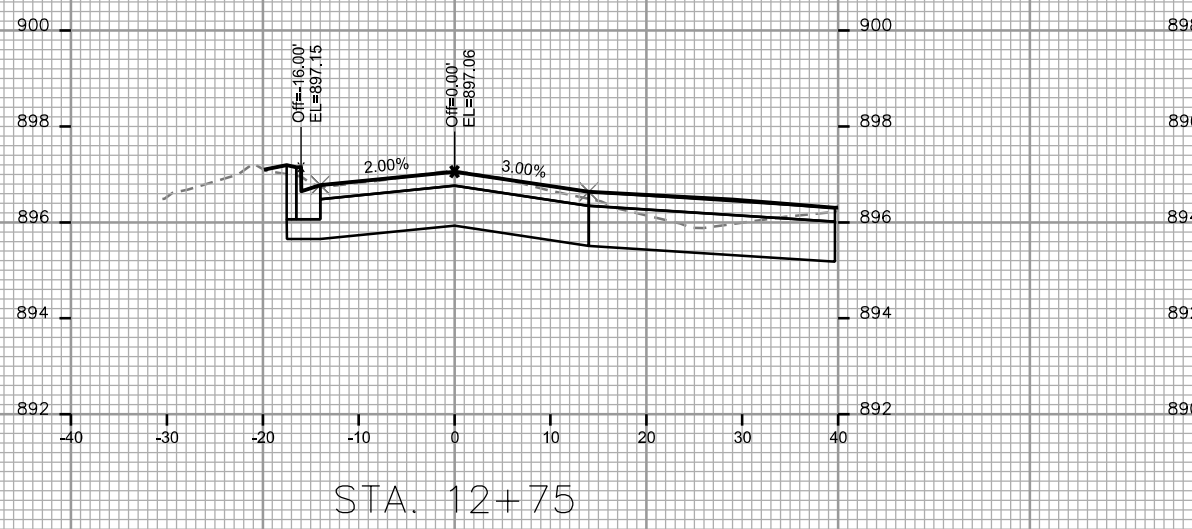
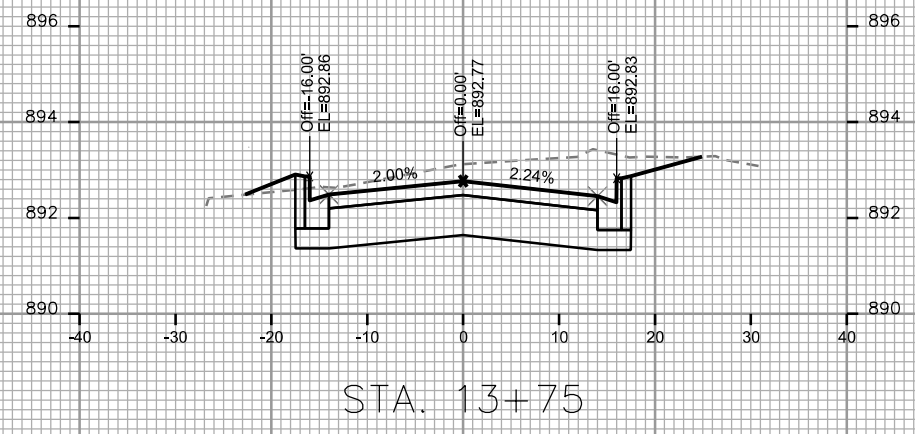
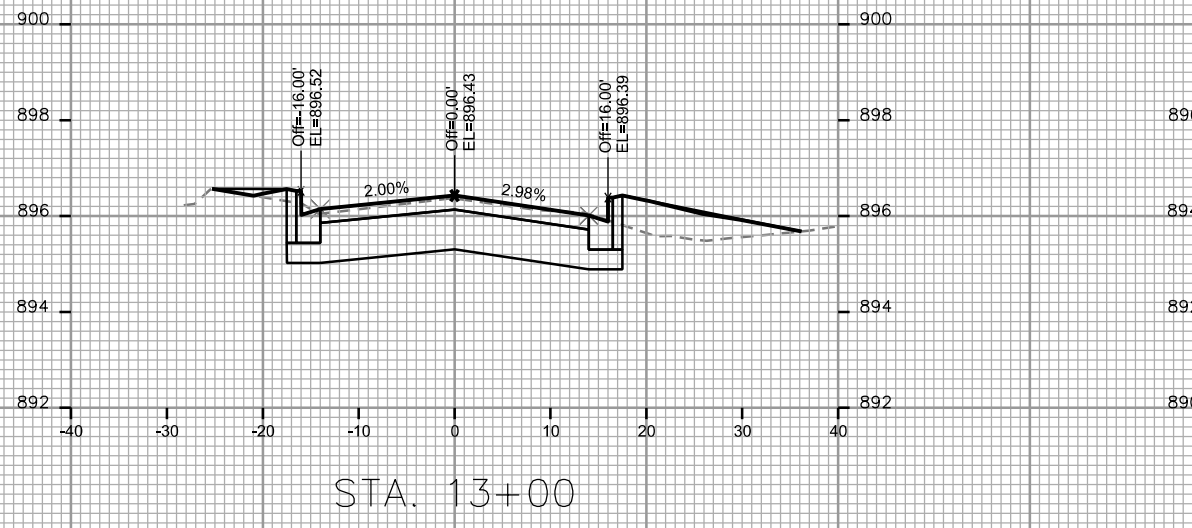
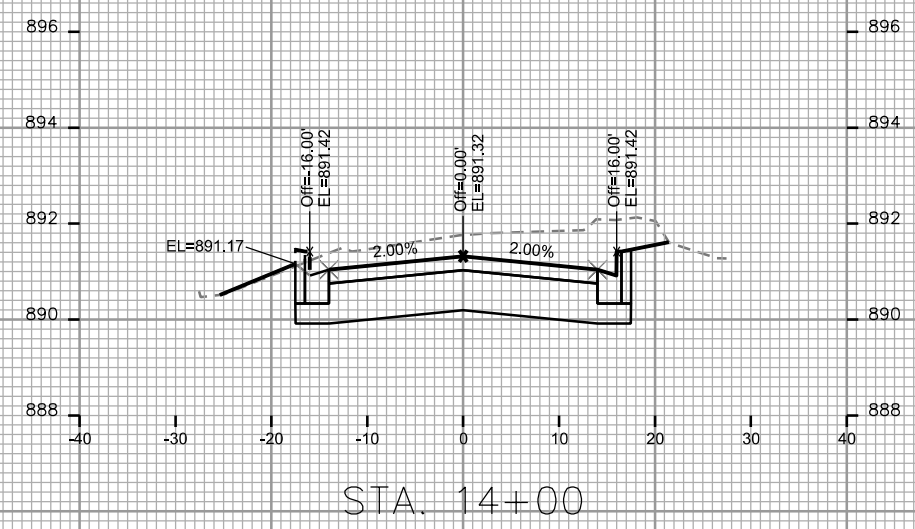
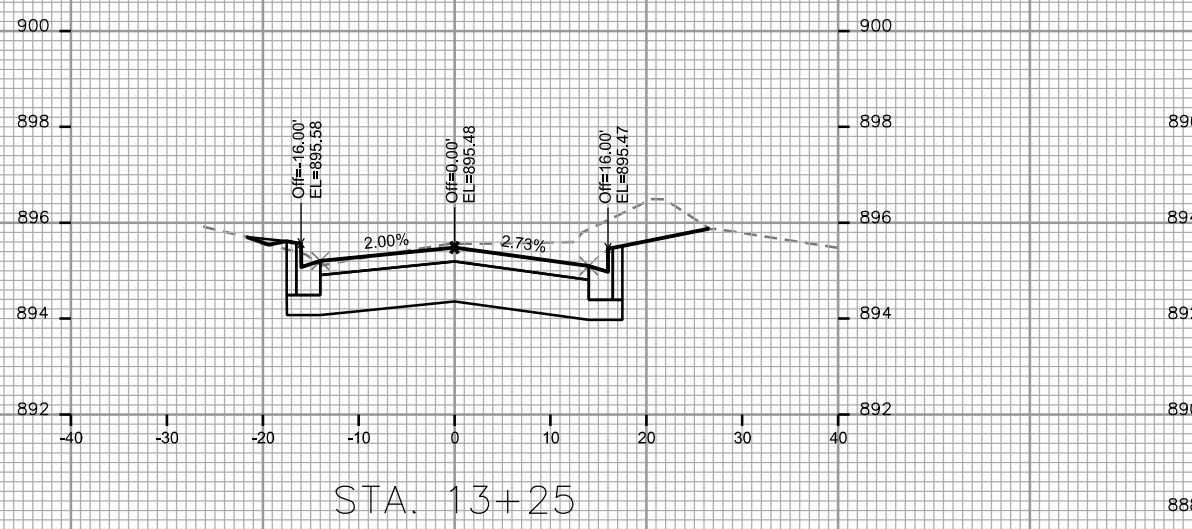


STA. 12+25



STA. 12+00





PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

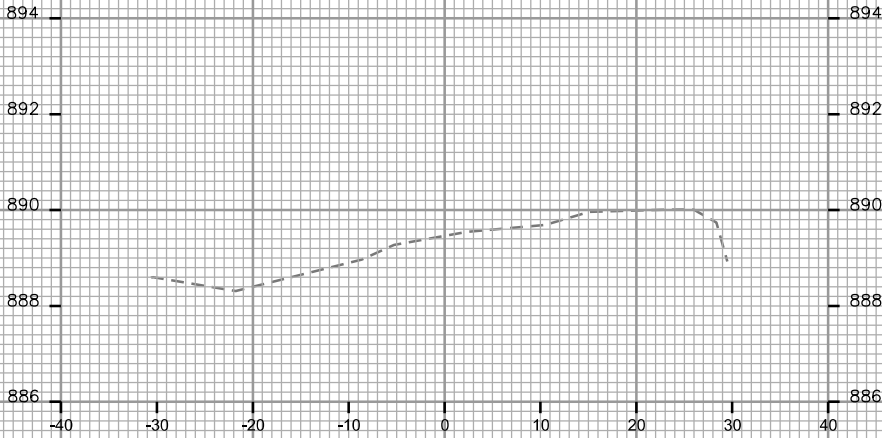
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

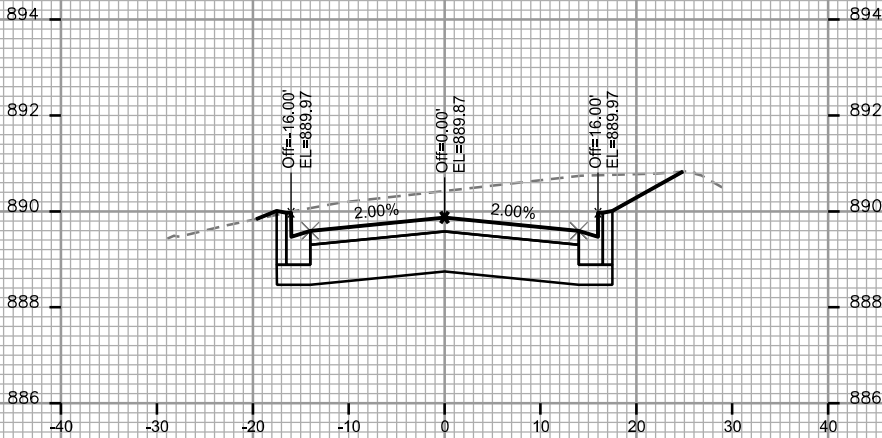
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 14+50



STA. 14+25

