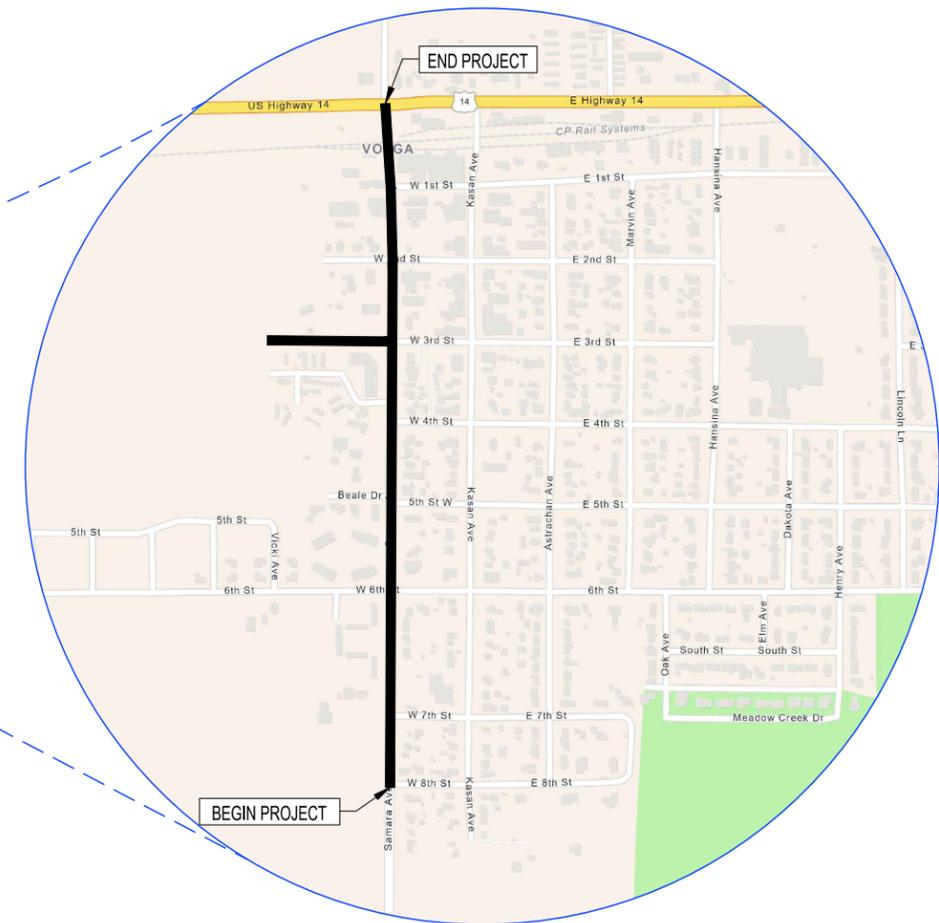
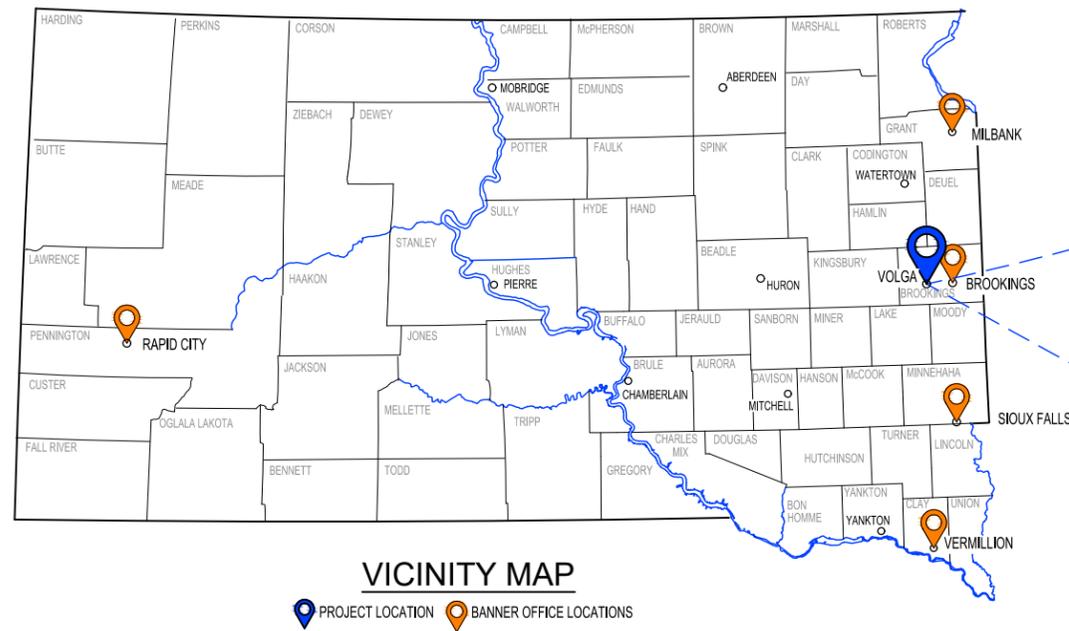


PLANS FOR SAMARA AVENUE RECONSTRUCTION STREET AND UTILITY IMPROVEMENTS JANUARY 2024

CITY OF VOLGA
BROOKINGS COUNTY, SOUTH DAKOTA



LOCATION MAP

SECTION INDEX

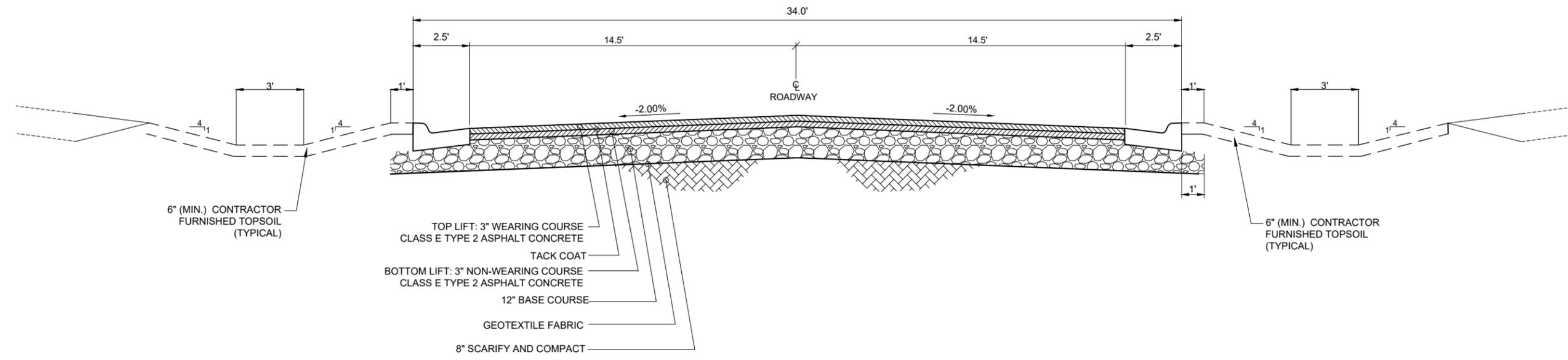
SECTION - A	TITLE SHEET, INDEX OF SHEETS, LEGEND, OVERALL MAP, & CONTROL DATA
SECTION - B	ESTIMATE OF QUANTITIES & TABLES
SECTION - C	TYPICAL SECTIONS
SECTION - D	GENERAL NOTES
SECTION - F	PHASING PLAN & TRAFFIC CONTROL
SECTION - G	EROSION CONTROL & SWPPP
SECTION - H	EXISTING CONDITIONS & REMOVALS
SECTION - I	PLAN AND PROFILE - STORM SEWER
SECTION - J	PLAN AND PROFILE - SURFACING
SECTION - K	PAVEMENT MARKINGS
SECTION - L	LIGHTING
SECTION - M	CROSS SECTIONS
SECTION - N	PROJECT DETAILS & STANDARD PLATES

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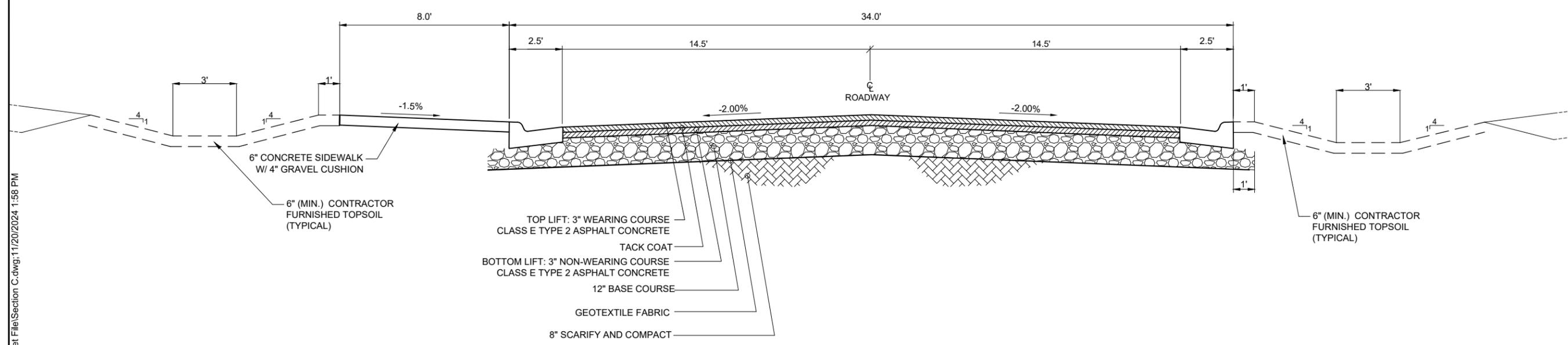
PRIME PROFESSIONAL IN RESPONSIBLE CHARGE

I, PAUL M. KRAFT, HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED UNDER THE LAWS OF THE STATE OF SOUTH DAKOTA.

DIGITAL SIGNATURE AUTHENTICATION



TYPICAL SECTION
SAMARA AVE. - STA 1+09.38 TO 2+17.75
 SCALE: NONE



TYPICAL SECTION
SAMARA AVE. - STA 2+17.75 TO 18+75
 SCALE: NONE

PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS

TYPICAL SECTIONS

VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

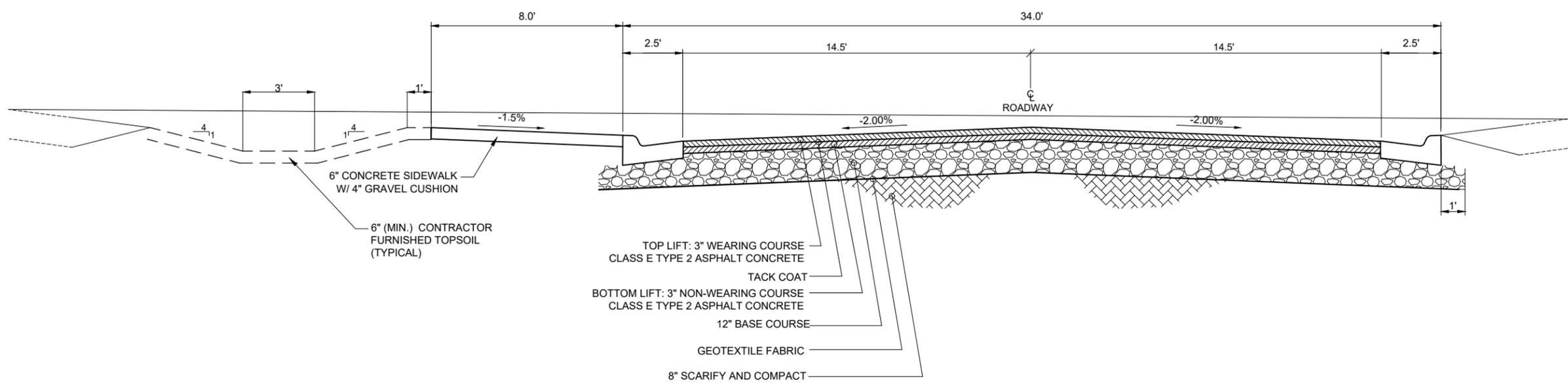
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	WJB
DESIGNER:	WJB
TECHNICIAN:	JLU

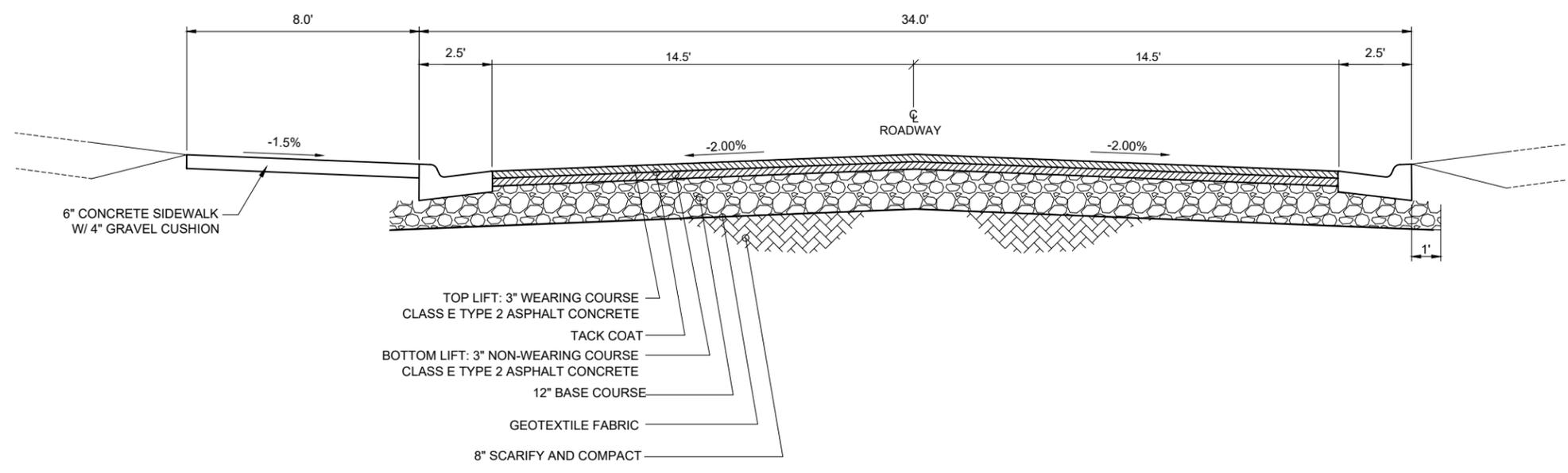
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TYPICAL SECTION
SAMARA AVE. - STA 18+75 TO 20+75
 SCALE: NONE



TYPICAL SECTION
SAMARA AVE. - STA 20+72 TO 29+75
 SCALE: NONE

PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS

TYPICAL SECTIONS

VOLGA, SOUTH DAKOTA

DESCRIPTION

REV. DATE

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JOB No.: 23574-00
 DATE: JANUARY, 2024
 ENG / ARCH: WJB
 DESIGNER: WJB
 TECHNICIAN: JLU

SCALE REDUCTION BAR

SHEET No.: C-2

PHASING HATCHING

-  PHASE 1
-  PHASE 2
-  PHASE 3

NOTE TO CONTRACTOR:
 ORDER OF PHASING IS ALLOWED TO BE ADJUSTED BY THE CONTRACTOR. CONTRACTOR TO SUBMIT IN WRITING PROPOSED NEW PHASING SEQUENCE TO ENGINEER AND OWNER FOR APPROVAL. NO ADDITIONAL COMPENSATION (INCLUDES TRAFFIC CONTROL) SHALL BE PROVIDED IF PHASING ORDER HAS BEEN REQUESTED BY CONTRACTOR AND APPROVED BY THE ENGINEER AND OWNER.



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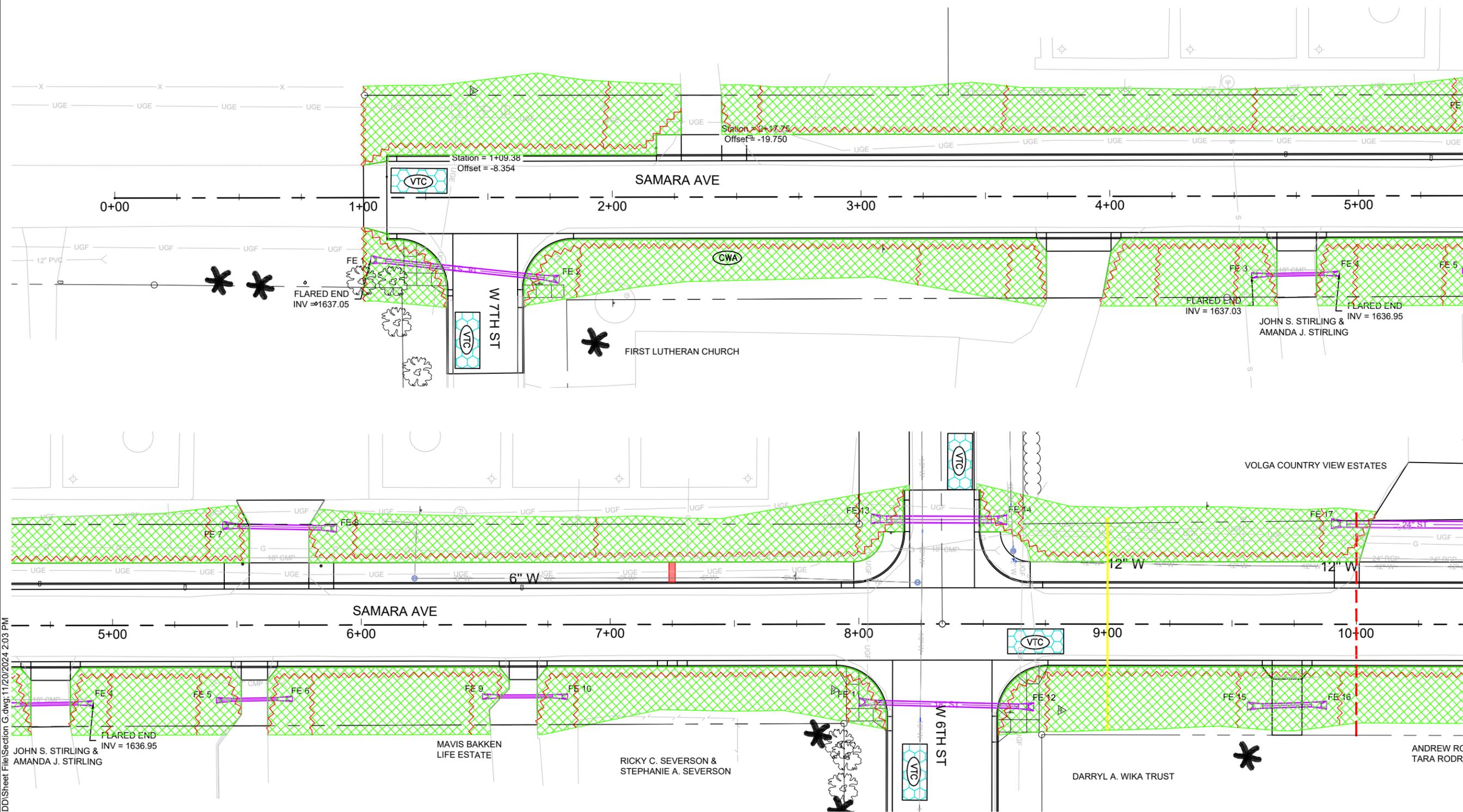
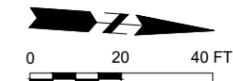
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PROJECT / SHEET TITLE:	
VOLGA - SAMARA AVE IMPROVEMENTS	
TRAFFIC CONTROL PHASES	
REV.	DATE
VOLGA, SOUTH DAKOTA	
DESCRIPTION	

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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	BSN

SCALE REDUCTION BAR
 SHEET No.: **F-2**



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LEGEND	
	6" TOPSOIL, SEED, FERTILIZE & MULCH
	TEMPORARY VEHICLE TRACKING CONTROL
	PHASING SEPARATION LINE
	CONCRETE WASHOUT AREA
	EXISTING INLET SEDIMENT PROTECTION
	PROPOSED INLET SEDIMENT PROTECTION
	MATCH LINE FOR QUANTITIES
	SEDIMENT CONTROL WATTLES

QUANTITIES	
xx	CY - PLACING CONTRACTOR FURNISHED TOPSOIL
0.79	AC - RESIDENTIAL SEEDING
1848	LF - SEDIMENT CONTROL WATTLES
0	EA - INLET SEDIMENT PROTECTION
xx	HR - SWEEPING
xx	EA - MANHOLE CONSTRUCTION PLATE MARKER
3	EA - TEMPORARY VEHICLE TRACKING CONTROL
1	EA - CONCRETE WASHOUT AREA

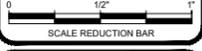
NOTES:
 ALL EXISTING AND PROPOSED INLETS SHALL BE PROTECTED FROM SEDIMENT DURING ALL STAGES OF CONSTRUCTION WITH INLET PROTECTION AND SILT FENCE. SEE NOTES FOR DESCRIPTIONS AND QUANTITIES OF THE ITEMS TO BE INSTALLED



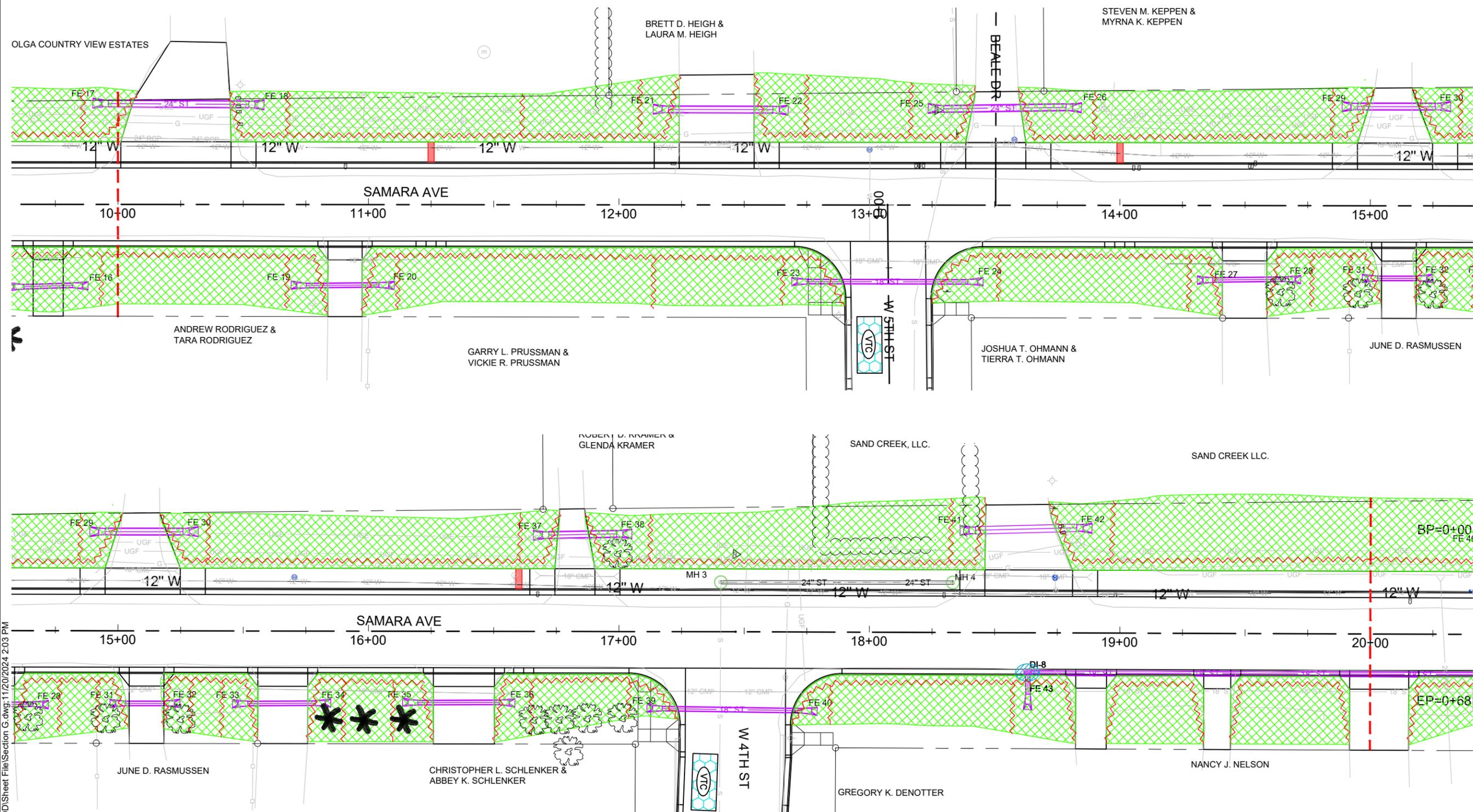
VOLGA - SAMARA AVE IMPROVEMENTS	
EROSION CONTROL STA 0+00 TO 10+00	
PROJECT / SHEET TITLE:	VOLGA, SOUTH DAKOTA
REV.	DATE

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JOB No.:	23574-00
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ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	BSN



SHEET No. : **G-9**



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LEGEND	
	6" TOPSOIL, SEED, FERTILIZE & MULCH
	TEMPORARY VEHICLE TRACKING CONTROL
	CONCRETE WASHOUT AREA
	MATCH LINE FOR QUANTITIES
	SEDIMENT CONTROL WATTLES
	EXISTING INLET SEDIMENT PROTECTION
	PROPOSED INLET SEDIMENT PROTECTION

QUANTITIES	
xx	CY - PLACING CONTRACTOR FURNISHED TOPSOIL
0.87	AC - RESIDENTIAL SEEDING
2167	LF - SEDIMENT CONTROL WATTLES
2	EA - INLET SEDIMENT PROTECTION
xx	HR - SWEEPING
xx	EA - MANHOLE CONSTRUCTION PLATE MARKER
3	EA - TEMPORARY VEHICLE TRACKING CONTROL
1	EA - CONCRETE WASHOUT AREA

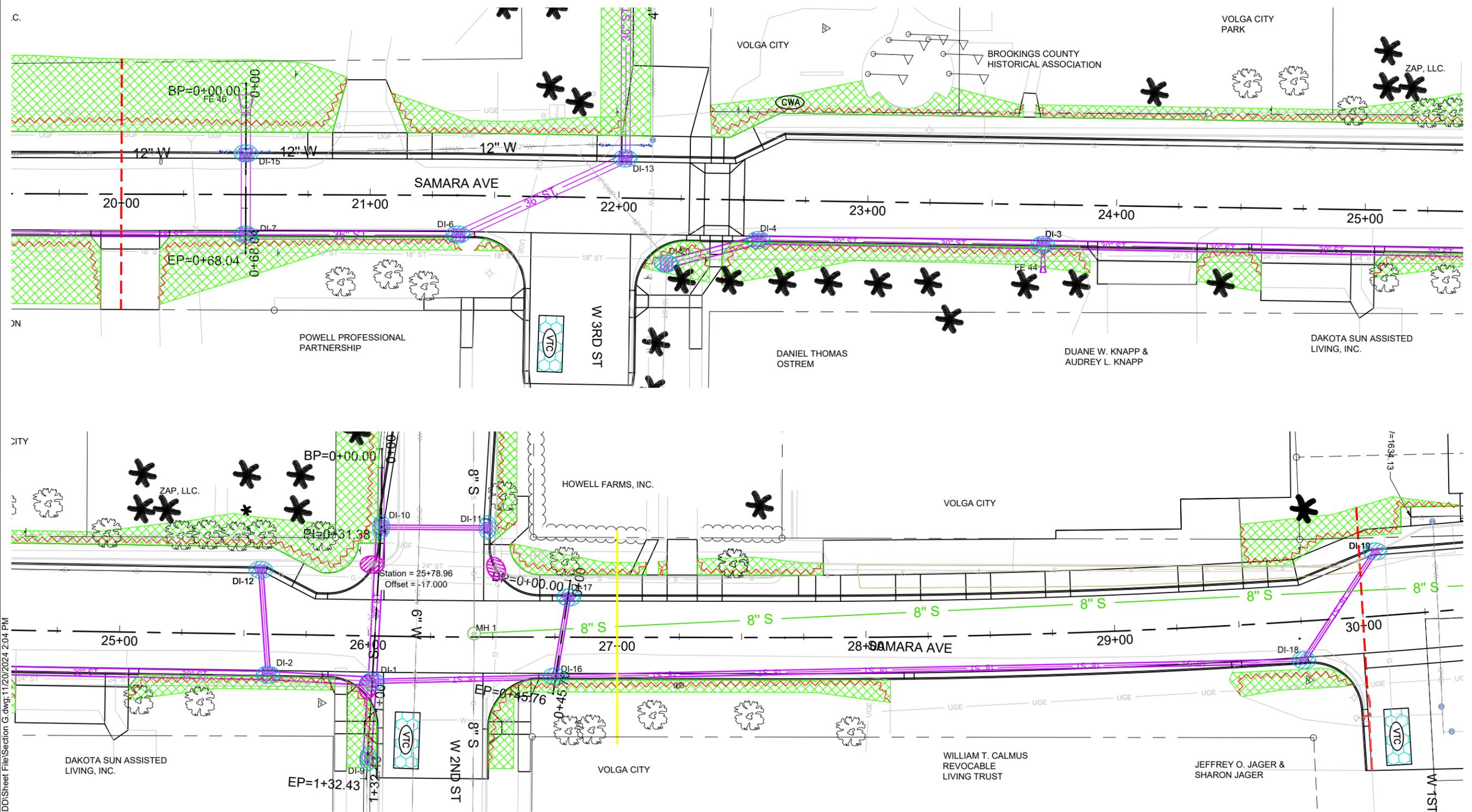
NOTES:
 ALL EXISTING AND PROPOSED INLETS SHALL BE PROTECTED FROM SEDIMENT DURING ALL STAGES OF CONSTRUCTION WITH INLET PROTECTION AND SILT FENCE. SEE NOTES FOR DESCRIPTIONS AND QUANTITIES OF THE ITEMS TO BE INSTALLED



VOLGA - SAMARA AVE IMPROVEMENTS	
EROSION CONTROL STA 10+00 TO 20+00	
PROJECT / SHEET TITLE:	VOLGA, SOUTH DAKOTA
REV.	DATE

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DATE:	JANUARY, 2024
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DESIGNER:	PMK
TECHNICIAN:	BSN
SCALE REDUCTION BAR	
SHEET No. : G-10	



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LEGEND

	6" TOPSOIL, SEED, FERTILIZE & MULCH		EXISTING INLET SEDIMENT PROTECTION
	TEMPORARY VEHICLE TRACKING CONTROL		PROPOSED INLET SEDIMENT PROTECTION
	PHASING SEPARATION LINE		MATCH LINE FOR QUANTITIES
	CONCRETE WASHOUT AREA		SEDIMENT CONTROL WATTLES

QUANTITIES

xx CY - PLACING CONTRACTOR FURNISHED TOPSOIL
 0.32 AC - RESIDENTIAL SEEDING
 1606 LF - SEDIMENT CONTROL WATTLES
 16 EA - INLET SEDIMENT PROTECTION
 xx HR - SWEEPING
 xx EA - MANHOLE CONSTRUCTION PLATE MARKER
 2 EA - TEMPORARY VEHICLE TRACKING CONTROL
 1 EA - CONCRETE WASHOUT AREA

NOTES:
 ALL EXISTING AND PROPOSED INLETS SHALL BE PROTECTED FROM SEDIMENT DURING ALL STAGES OF CONSTRUCTION WITH INLET PROTECTION AND SILT FENCE. SEE NOTES FOR DESCRIPTIONS AND QUANTITIES OF THE ITEMS TO BE INSTALLED



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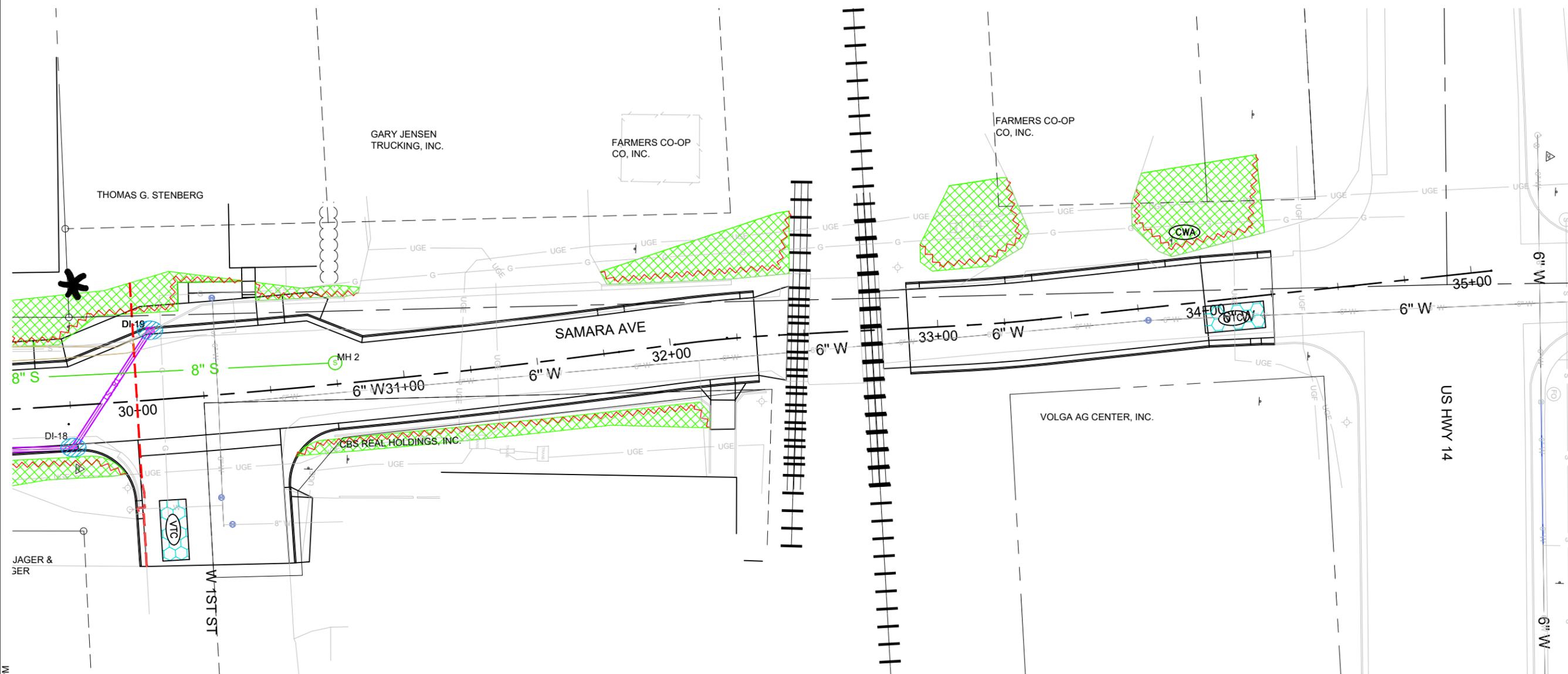
VOLGA - SAMARA AVE IMPROVEMENTS	
EROSION CONTROL STA 20+00 TO 30+00	
REV	DATE
VOLGA, SOUTH DAKOTA	
DESCRIPTION	

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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR

SHEET No. : **G-11**



PROJECT / SHEET TITLE:

VOLGA - SAMARA AVE IMPROVEMENTS

EROSION CONTROL STA 30+00 TO 35+00

VOLGA, SOUTH DAKOTA

REV	DATE	DESCRIPTION

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LEGEND

	6" TOPSOIL, SEED, FERTILIZE & MULCH		EXISTING INLET SEDIMENT PROTECTION
	TEMPORARY VEHICLE TRACKING CONTROL		PROPOSED INLET SEDIMENT PROTECTION
	PHASING SEPARATION LINE		MATCH LINE FOR QUANTITIES
	CONCRETE WASHOUT AREA		SEDIMENT CONTROL WATTLES

QUANTITIES

xx CY - PLACING CONTRACTOR FURNISHED TOPSOIL
 0.11 AC - RESIDENTIAL SEEDING
 494 LF - SEDIMENT CONTROL WATTLES
 xx EA - INLET SEDIMENT PROTECTION
 xx HR - SWEEPING
 xx EA - MANHOLE CONSTRUCTION PLATE MARKER
 2 EA - TEMPORARY VEHICLE TRACKING CONTROL
 1 EA - CONCRETE WASHOUT AREA

NOTES:
 ALL EXISTING AND PROPOSED INLETS SHALL BE PROTECTED FROM SEDIMENT DURING ALL STAGES OF CONSTRUCTION WITH INLET PROTECTION AND SILT FENCE. SEE NOTES FOR DESCRIPTIONS AND QUANTITIES OF THE ITEMS TO BE INSTALLED

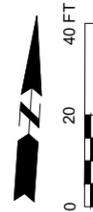
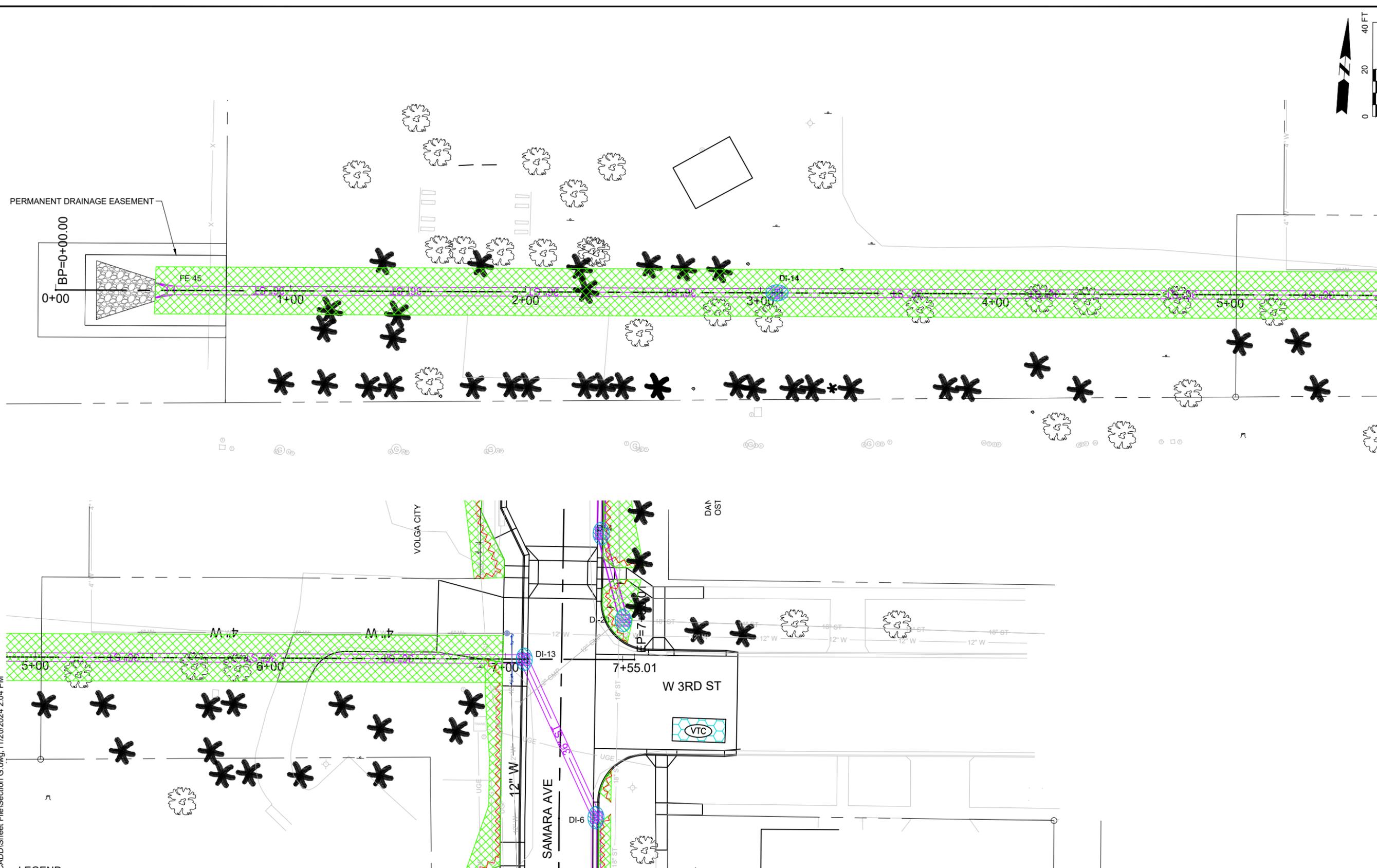
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DESIGNER:	PMK
TECHNICIAN:	BSN

SCALE REDUCTION BAR

SHEET No. : **G-12**

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LEGEND	
	6" TOPSOIL, SEED, FERTILIZE & MULCH
	EXISTING INLET SEDIMENT PROTECTION
	TEMPORARY VEHICLE TRACKING CONTROL
	PROPOSED INLET SEDIMENT PROTECTION
	PHASING SEPARATION LINE
	MATCH LINE FOR QUANTITIES
	CONCRETE WASHOUT AREA
	SEDIMENT CONTROL WATTLES

QUANTITIES	
XX	CY - PLACING CONTRACTOR FURNISHED TOPSOIL
0.15	AC - RESIDENTIAL SEEDING
851	LF - SEDIMENT CONTROL WATTLES
13	EA - INLET SEDIMENT PROTECTION
xx	HR - SWEEPING
xx	EA - MANHOLE CONSTRUCTION PLATE MARKER
2	EA - TEMPORARY VEHICLE TRACKING CONTROL
1	EA - CONCRETE WASHOUT AREA

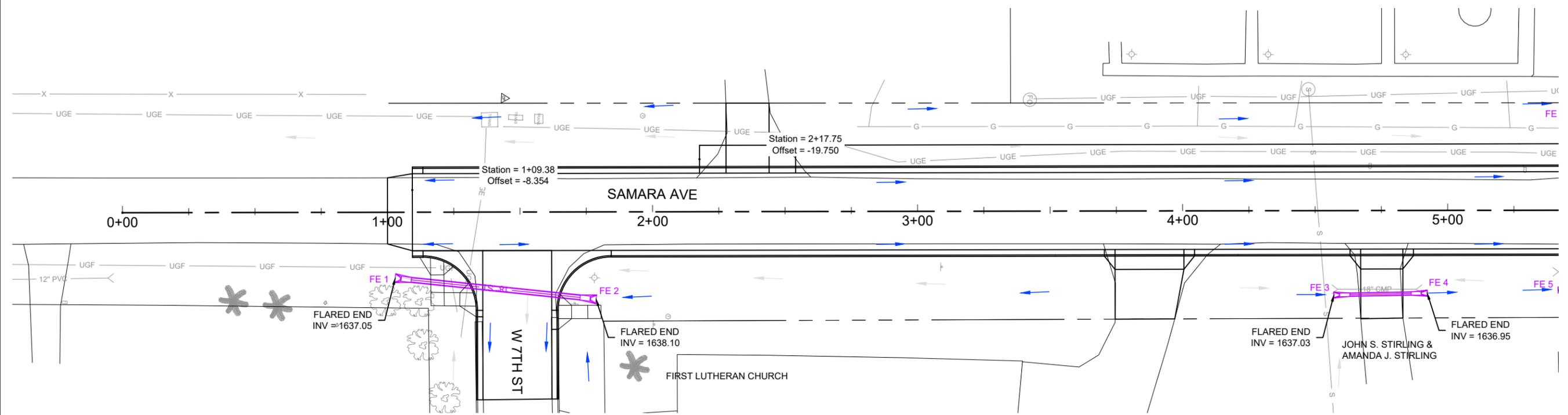
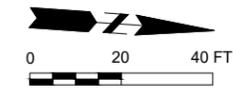
NOTES:
 ALL EXISTING AND PROPOSED INLETS SHALL BE PROTECTED FROM SEDIMENT DURING ALL STAGES OF CONSTRUCTION WITH INLET PROTECTION AND SILT FENCE. SEE NOTES FOR DESCRIPTIONS AND QUANTITIES OF THE ITEMS TO BE INSTALLED



PROJECT / SHEET TITLE:	
VOLGA - SAMARA AVE IMPROVEMENTS	
3RD ST EROSION CONTROL STA 0+00 TO 7+55	
REV	DATE
VOLGA, SOUTH DAKOTA	
DESCRIPTION	

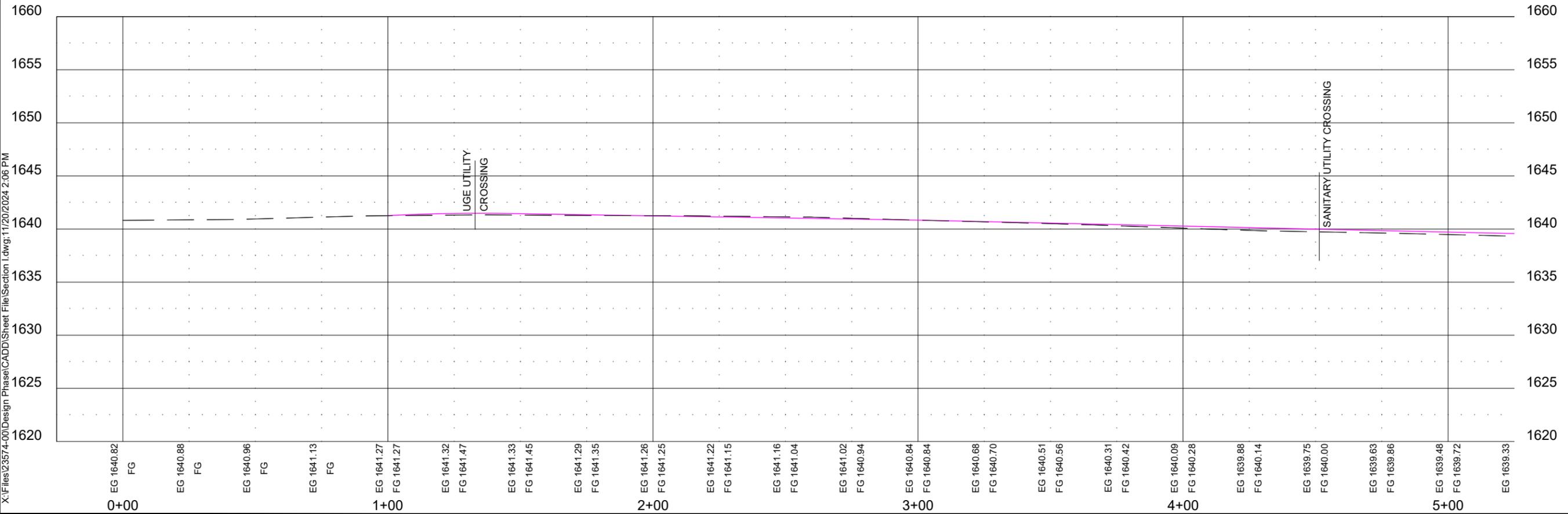
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DATE:	JANUARY, 2024
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DESIGNER:	PMK
TECHNICIAN:	BSN
SCALE REDUCTION BAR	
SHEET No. : G-13	



1+09 25' RT TO 1+73 32' RT
 64 LF - 18" ARCH PIPE, CLASS IV
 2 EA. - 18" ARCH FLARED END

4+63 32' RT TO 4+86 31' RT
 23 LF - 12" RCP PIPE, CLASS IV
 2 EA. - 12" RCP FLARED END



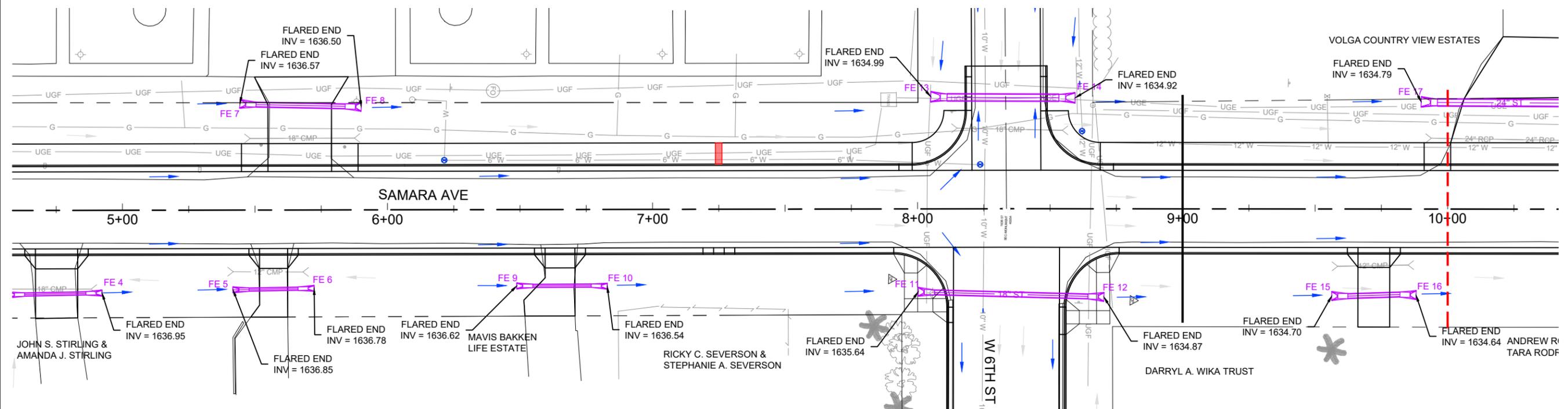
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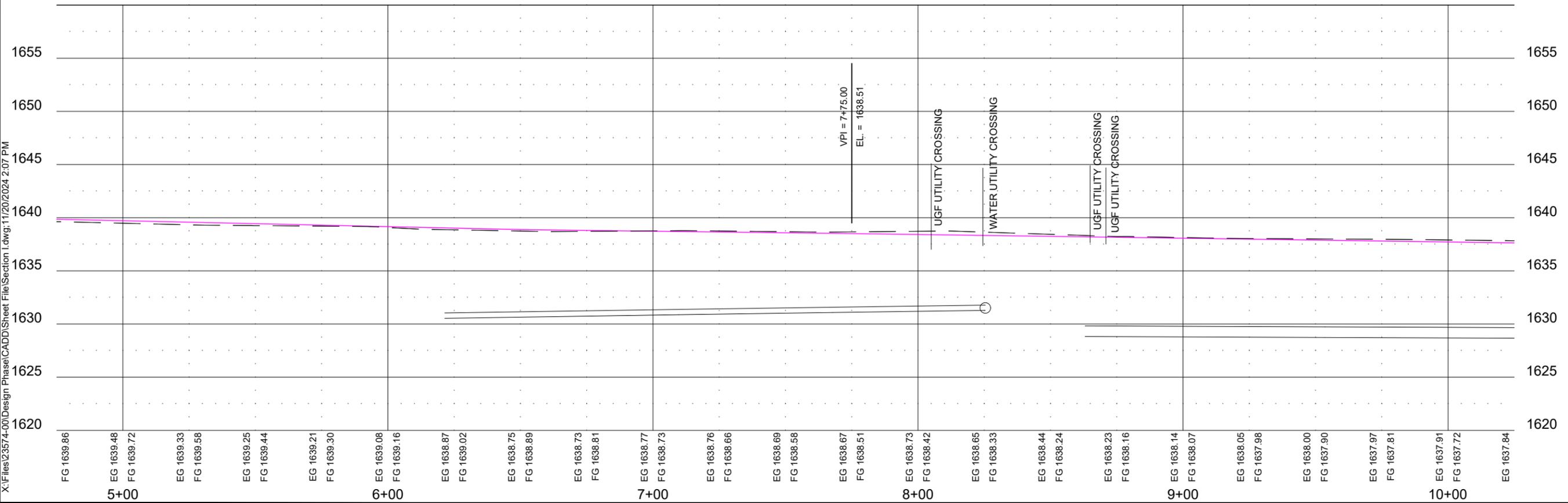
VOLGA - SAMARA AVE IMPROVEMENTS	
SAMARA AVE STA 0+00 TO STA 5+00	
PROJECT/SHEET TITLE:	VOLGA, SOUTH DAKOTA
DESCRIPTION:	
REV.	DATE

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DATE:	JANUARY, 2024
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DESIGNER:	PMK
TECHNICIAN:	BSN



- 5+46 -40' LT TO 5+87 -39' LT
41 LF - 18" ARCH PIPE, CLASS IV
2 EA. - 18" ARCH FLARED END
- 8+09 -42' LT TO 8+56 -42' LT
47 LF - 24" ARCH PIPE, CLASS IV
2 EA. - 24" ARCH FLARED END
- 9+93 -40' LT TO 10+55 -40' LT
61 LF - 18" ARCH PIPE, CLASS IV
2 EA. - 18" ARCH FLARED END
- STA 6+21 - 18.5' LT
1 EA - VALVE BOX ADJUSTMENT
- STA 8+23 - 16.5' LT
1 EA - VALVE BOX ADJUSTMENT
- STA 8+61 - 29.5' LT
1 EA - VALVE BOX ADJUSTMENT
- 5+48 30' RT TO 5+66 30' RT
18 LF - 12" RCP PIPE, CLASS IV
2 EA. - 12" RCP FLARED END
- 6+52 29' RT TO 6+79 29' RT
27 LF - 12" RCP PIPE, CLASS IV
2 EA. - 12" RCP FLARED END
- 8+04 31' RT TO 8+67 33' RT
63 LF - 18" ARCH PIPE, CLASS IV
2 EA. - 18" ARCH FLARED END
- 9+60 33' RT TO 9+85 32' RT
25 LF - 18" ARCH PIPE, CLASS IV
2 EA. - 18" ARCH FLARED END



PROJECT/SHEET TITLE:

VOLGA - SAMARA AVE IMPROVEMENTS

SAMARA AVE STA 5+00 TO STA 10+00

VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

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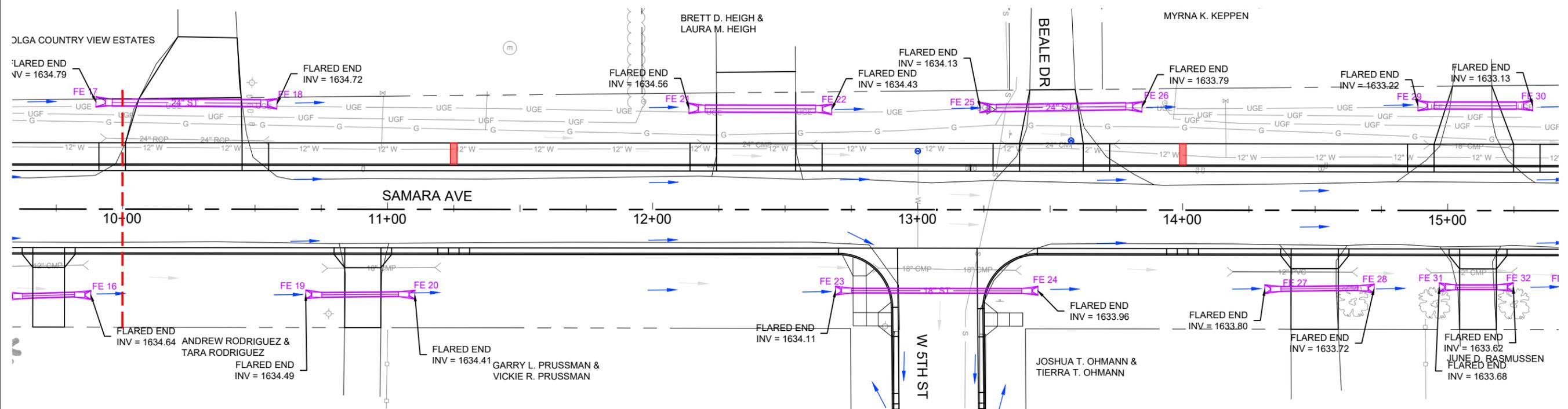
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TECHNICIAN:	BSN

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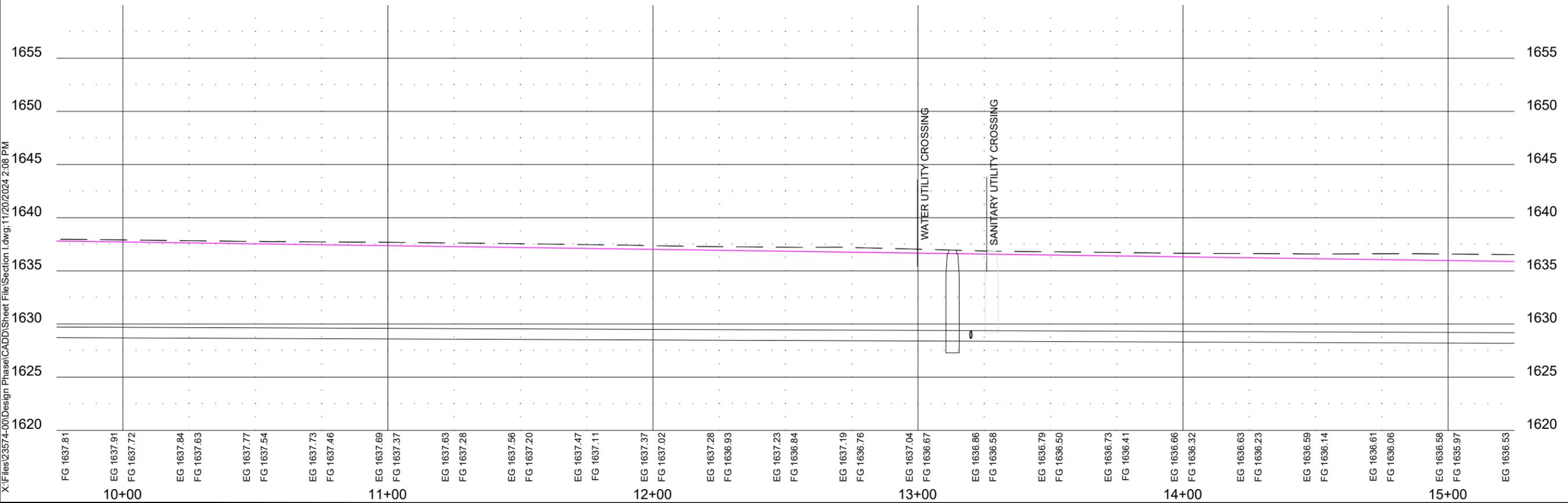
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I-2

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- 9+93 -40' LT TO 10+55 -40' LT
61 LF - 24" ARCH PIPE, CLASS IV
2 EA - 24" ARCH FLARED END
- 12+17 -38' LT TO 12+64 -38' LT
47 LF - 24" ARCH PIPE, CLASS IV
2 EA - 24" ARCH FLARED END
- 13+27 -38' LT TO 13+81 -39' LT
54 LF - 24" ARCH PIPE, CLASS IV
2 EA - 24" ARCH FLARED END
- STA 13+00 - 23.0' LT
1 EA - VALVE BOX ADJUSTMENT
- STA 13+58 - 26.0' LT
1 EA - VALVE BOX ADJUSTMENT
- 12+73 31' RT TO 13+42 30' RT
69 LF - 18" ARCH PIPE, CLASS IV
2 EA - 18" ARCH FLARED END
- 14+35 30' RT TO 14+69 29' RT
34 LF - 18" ARCH PIPE, CLASS IV
2 EA - 18" ARCH FLARED END



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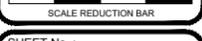


PROJECT/SHEET TITLE:
VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE STA 10+00 TO STA 15+00

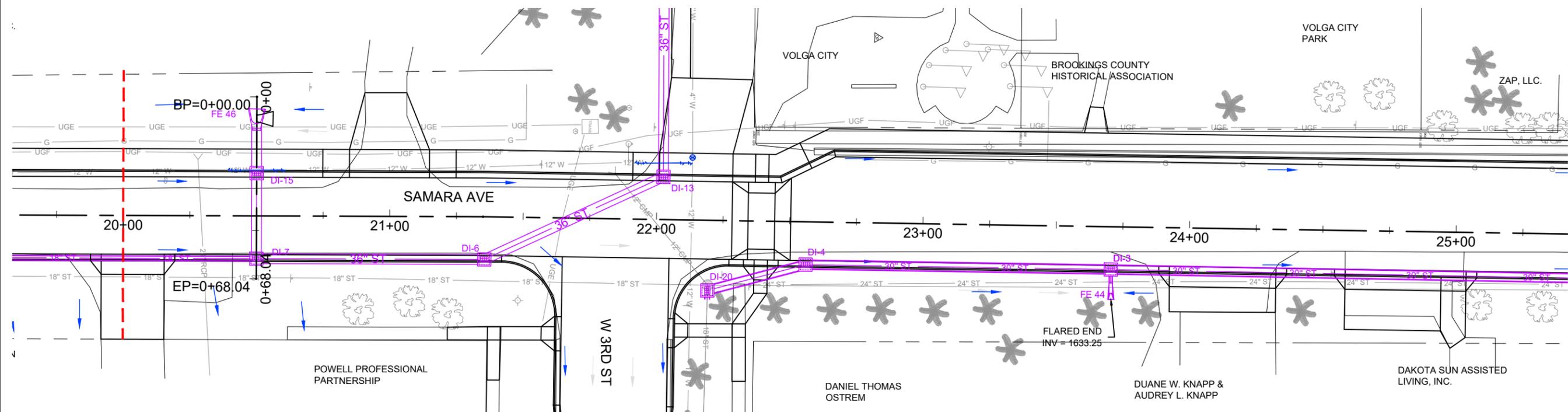
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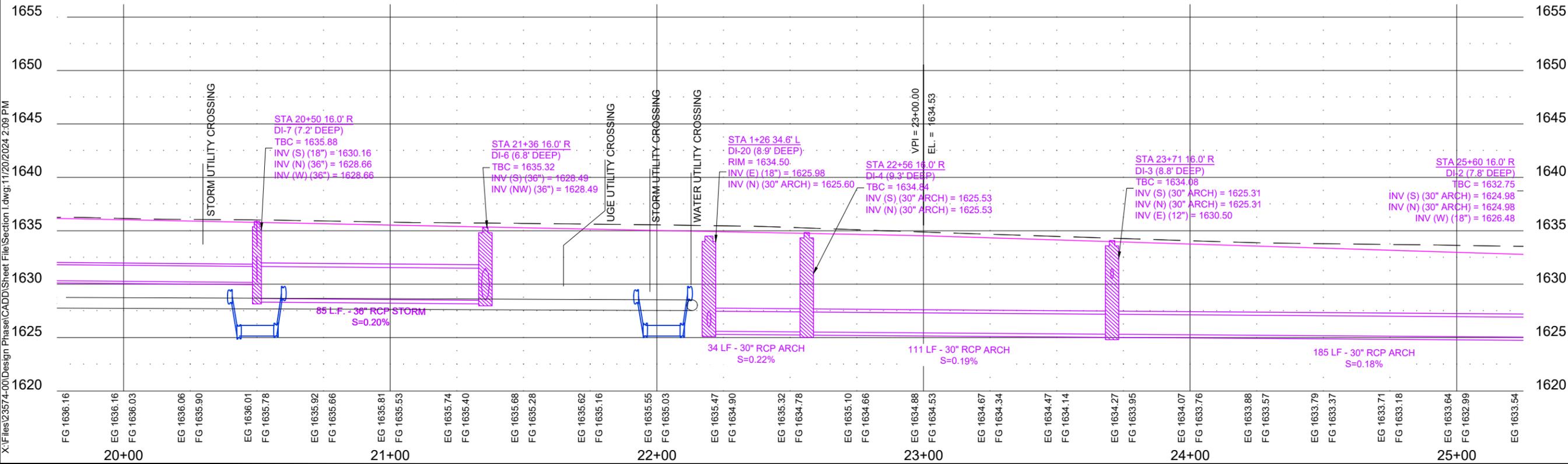
JOB No.:	23574-00
DATE:	JANUARY, 2024
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DESIGNER:	PMK
TECHNICIAN:	BSN



SHEET No.: I-3



- STA 22+02 - 16 LT
1 EA - SPECIAL TYPE B INLET (3' x 4') (DI-13)
1 EA - TYPE B SPECIAL FRAME AND GRATE ASSEMBLY
NEENAH R-3067-C OR APPROVED EQUAL
- STA 20+40 - 17.0' LT TO 20+60 - 17.0' LT
4 EA - 12" x 45 DEG. M.J. BEND
20 LF - 12" C900 DR18 PVC WATERMAIN
2 EA - CUT AND TIE TO EXISTING WATERMAIN (EXISTING 12" - 12" SLEEVE INCIDENTAL)
- STA 21+92 - 21.0' LT TO 22+12 - 21.0' LT
4 EA - 12" x 45 DEG. M.J. BEND
20 LF - 12" C900 DR18 PVC WATERMAIN
2 EA - CUT AND TIE TO EXISTING WATERMAIN (EXISTING 12" - 12" SLEEVE INCIDENTAL)
- STA 23+13 - 24.0' LT
1 EA - VALVE BOX ADJUSTMENT
- 20+00 16' RT TO 20+50 16' RT
50 LF - 18" RCP STORM PIPE, CLASS IV
- STA 20+50 - 16 RT
1 EA - SPECIAL TYPE B INLET (3' x 4') (DI-7)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY
- 20+50 16' RT TO 21+36 16' RT
85 LF - 36" RCP PIPE
- STA 21+36 - 16 RT
1 EA - SPECIAL TYPE B INLET (3' x 4') (DI-6)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY
- 21+36 16' RT TO 22+02 - 16' RT
74 LF - 36" RCP PIPE
- STA 22+02 - 24 RT
1 EA - SPECIAL TYPE B INLET (3' x 4') (DI-20)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY
- 22+19 30' RT TO 22+20 26' RT
3 LF - 18" RCP PIPE
- STA 22+56 - 16 RT
1 EA - TYPE B INLET (3' x 4') (DI-4)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY
- 22+20 26' RT TO 22+50 16' RT
32 LF - 30" ARCH PIPE, CLASS IV
- 22+50 16' RT TO 23+71 16' RT
121 LF - 30" ARCH PIPE, CLASS IV
- 23+71 16' RT TO 25+00 16' RT
129 LF - 30" ARCH PIPE, CLASS IV
- STA 22+71 - 14 RT
1 EA - TYPE B INLET (3' x 4') (DI-3)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY
- 23+71 16' RT TO 23+71 24' RT
8 LF - 12" RCP PIPE
1 EA - 24" ARCH FLARED END

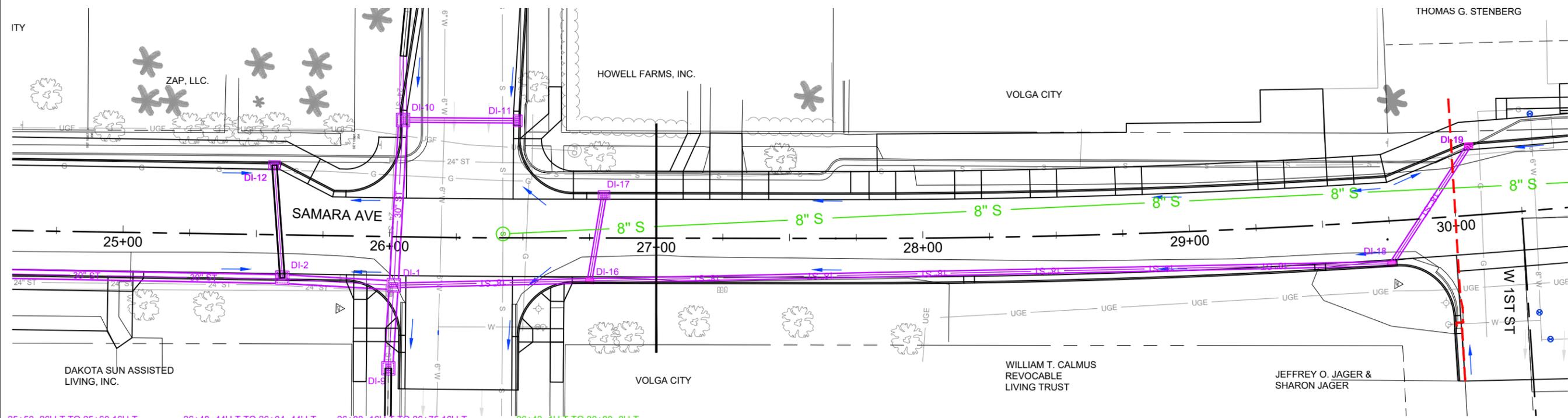


PROJECT / SHEET TITLE:
VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE STA 20+00 TO STA 25+00

REV	DATE	DESCRIPTION

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25+50 -26' LT TO 25+60 16' LT
110 LF - 30" ARCH PIPE, CLASS IV

26+48 -44' LT TO 26+04 -44' LT
43 LF - 18" RCP PIPE, CLASS IV

26+80 -16' LT TO 26+75 16' LT
32 LF - 18" RCP PIPE, CLASS IV

26+43 -1' LT TO 30+00 -8' LT
432 LF - 8" PVC SDR35 PVC GRAVITY SEWER PIPE
1 EA - 48" SANITARY SEWER MANHOLE (MH-1)

25+60 16' RT TO 26+02 18' RT
42 LF - 30" ARCH PIPE, CLASS IV

26+00 49' RT TO 26+02 18' RT
31 LF - 30" ARCH PIPE, CLASS IV

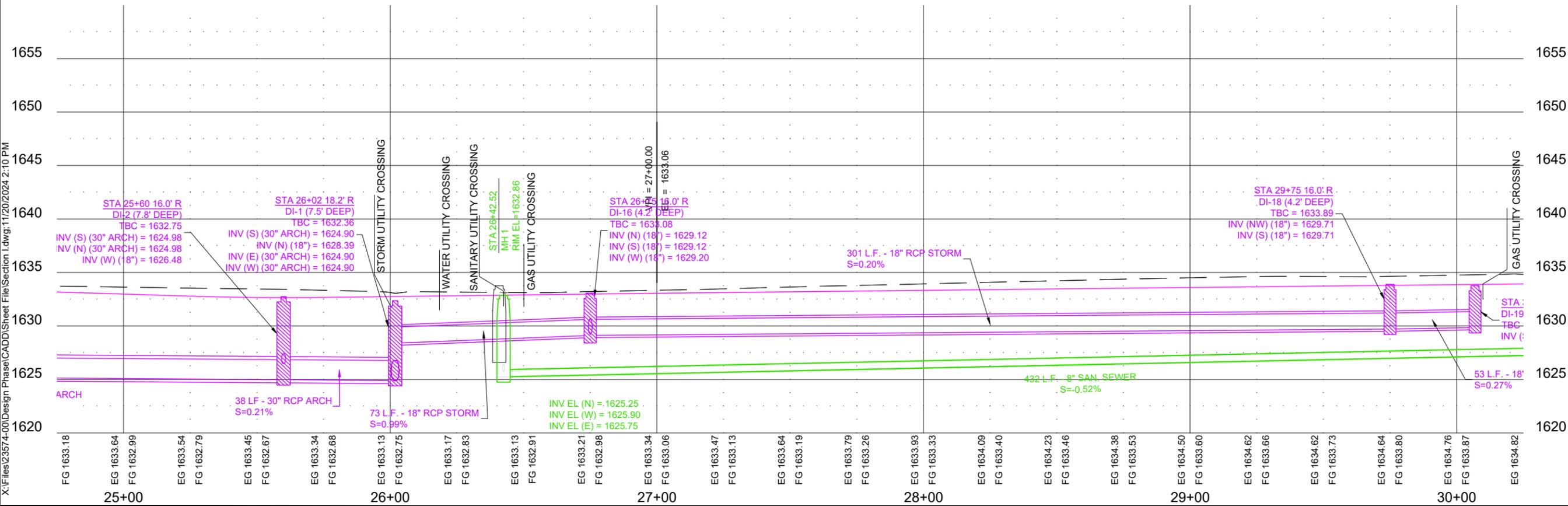
26+02 18' RT TO 26+04 -44' RT
62 LF - 30" ARCH PIPE, CLASS IV

26+75 16' RT TO 26+02 18' RT
73 LF - 18" RCP PIPE, CLASS IV

STA 25+60 - 16 RT
1 EA - TYPE B INLET (3' x 4') (DI-2)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY

STA 26+02 - 18 RT
1 EA - TYPE B INLET (4' x 4') (DI-1)
1 EA - TYPE B SPECIAL FRAME AND GRATE ASSEMBLY
NEENAH R-3067-C OR APPROVED EQUAL

STA 26+75 - 16 RT
1 EA - TYPE B INLET (2' x 3') (DI-16)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY



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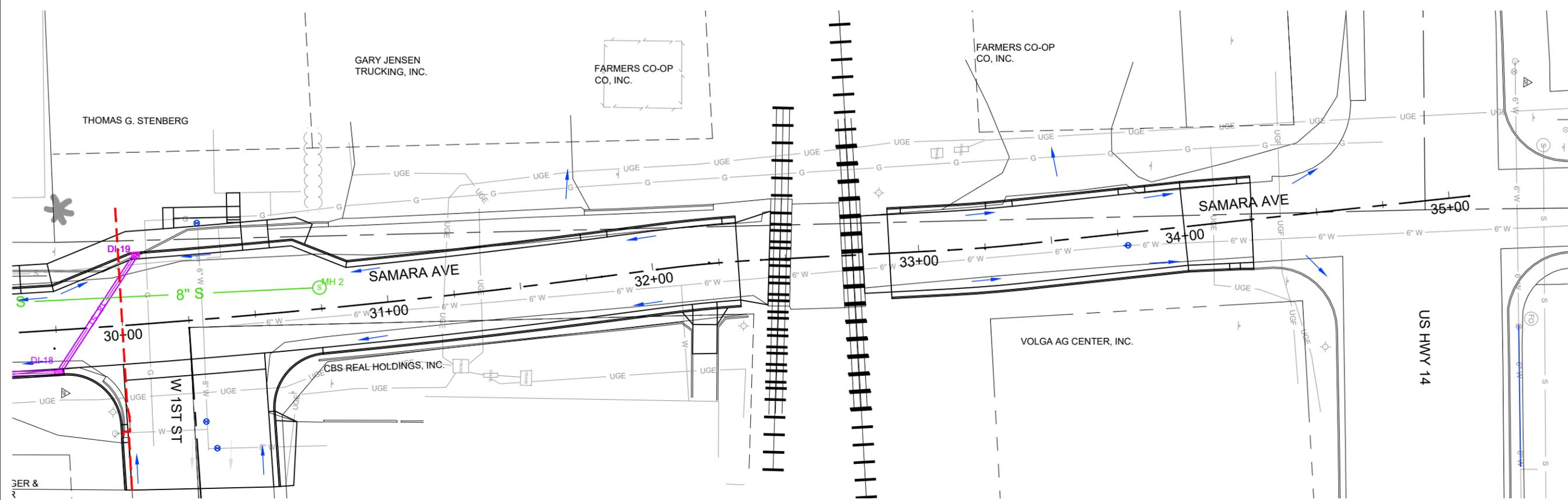
VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE STA 25+00 TO STA 30+00

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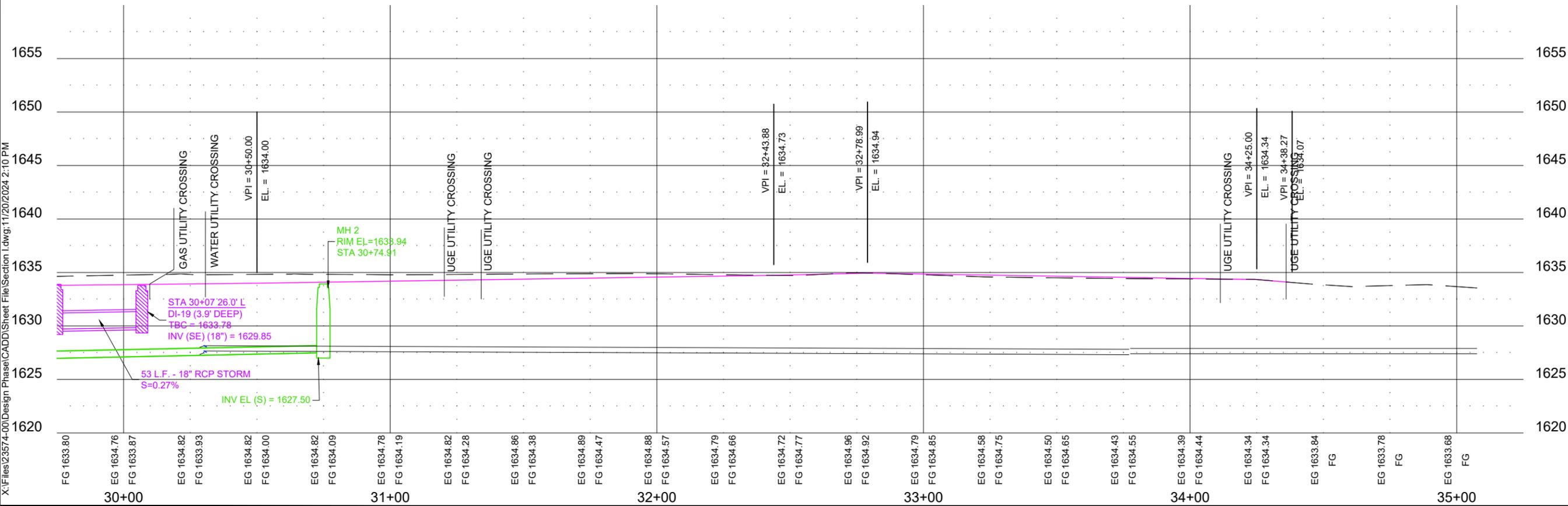
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DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	BSN

SCALE REDUCTION BAR



- 29+75 16' RT TO 30+07 -26' LT
53 LF - 18" RCP PIPE, CLASS IV
- STA 30+07 - -26' LT
1 EA - TYPE B INLET (2' x 3') (DI-19)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY
- 30+00 -10' LT TO 30+75 -8' LT
75 LF - 8" PVC SDR35 PVC GRAVITY SEWER PIPE
1 EA - 48" SANITARY SEWER MANHOLE (MH-2)
- STA 29+75 - 16 RT
1 EA - TYPE B INLET (2' x 3') (DI-18)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY
- STA 30+28 TO 33+78
4 EA - VALVE BOX ADJUSTMENT



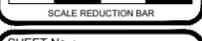
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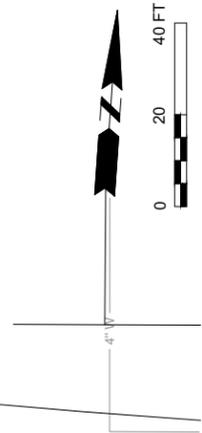
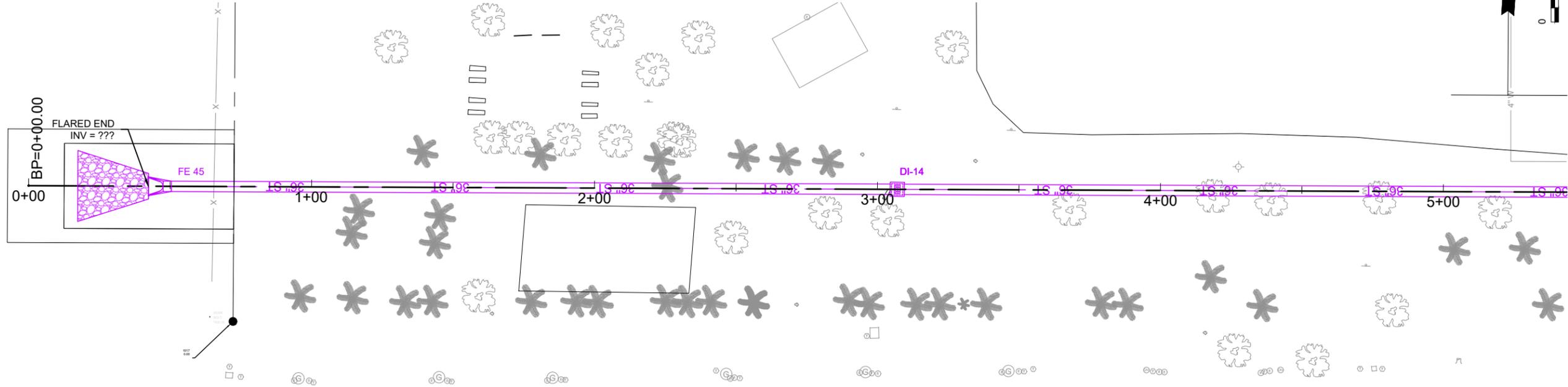
VOLGA - SAMARA AVE IMPROVEMENTS	
SAMARA AVE STA 30+00 TO STA 35+00	
VOLGA, SOUTH DAKOTA	DESCRIPTION
PROJECT/SHEET TITLE:	REV. DATE

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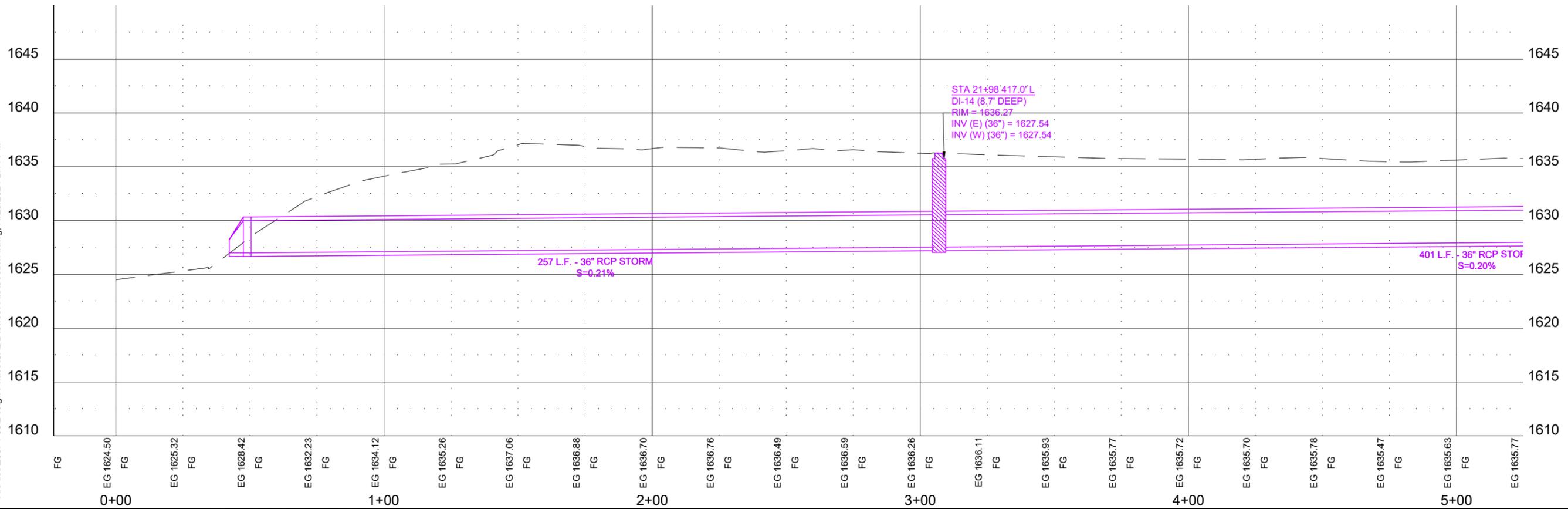
JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
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TECHNICIAN:	BSN



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- 0+42 -CL
1 EA. - 36" RCP FLARED END, CLASS IV
- 0+42 -CL TO 3+07 -CL
265 LF - 36" RCP PIPE, CLASS IV
- 3+07 -CL TO 7+08 -CL
401 LF - 36" RCP PIPE, CLASS IV
- STA 3+07 - CL
1 EA - TYPE B INLET (4' X 4') (DI14)
1 EA - SPECIAL FRAME AND GRATE ASSEMBLY
NEENAH R-3067-C OR APPROVED EQUAL



PROJECT / SHEET TITLE:

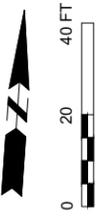
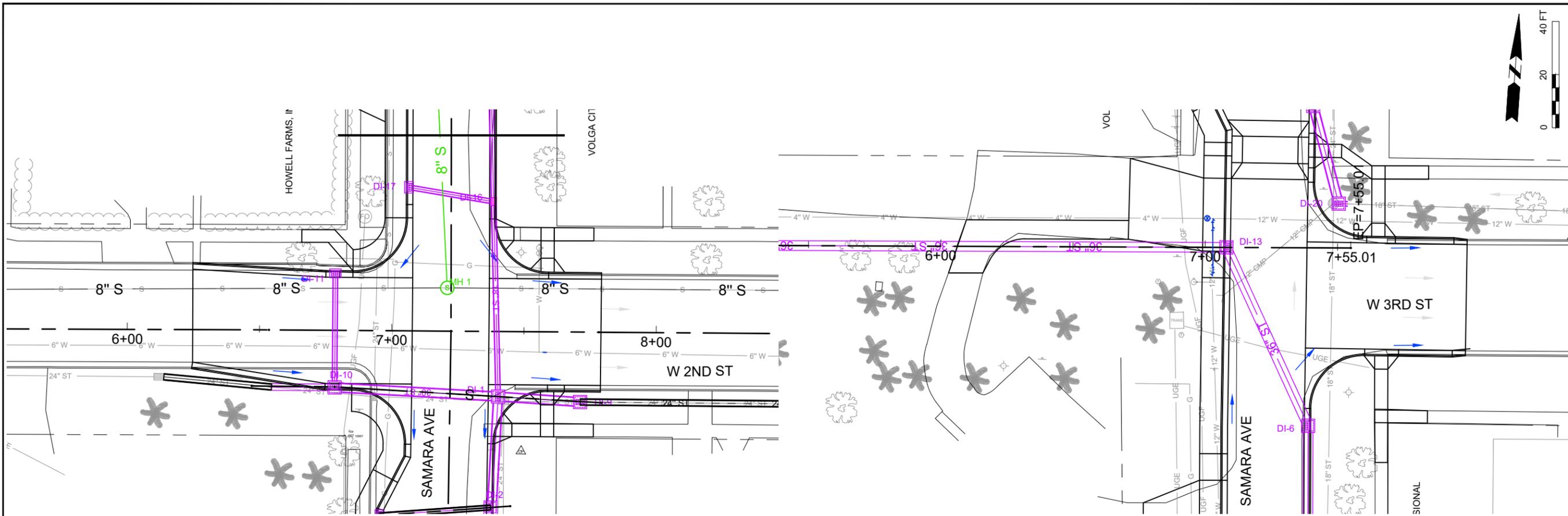
VOLGA - SAMARA AVE IMPROVEMENTS

THIRD ST STORM SEWER STA 0+00 TO STA 5+00

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TECHNICIAN:	BSN



6+50 - CL TO 7+74 65' RT
120LF - 30" ARCH PIPE, CLASS IV

STA 7+71 - 26 RT
1 EA - TYPE B INLET (4' X 4') (DI-9)
1 EA - SPECIAL TYPE B FRAME AND GRATE ASSEMBLY

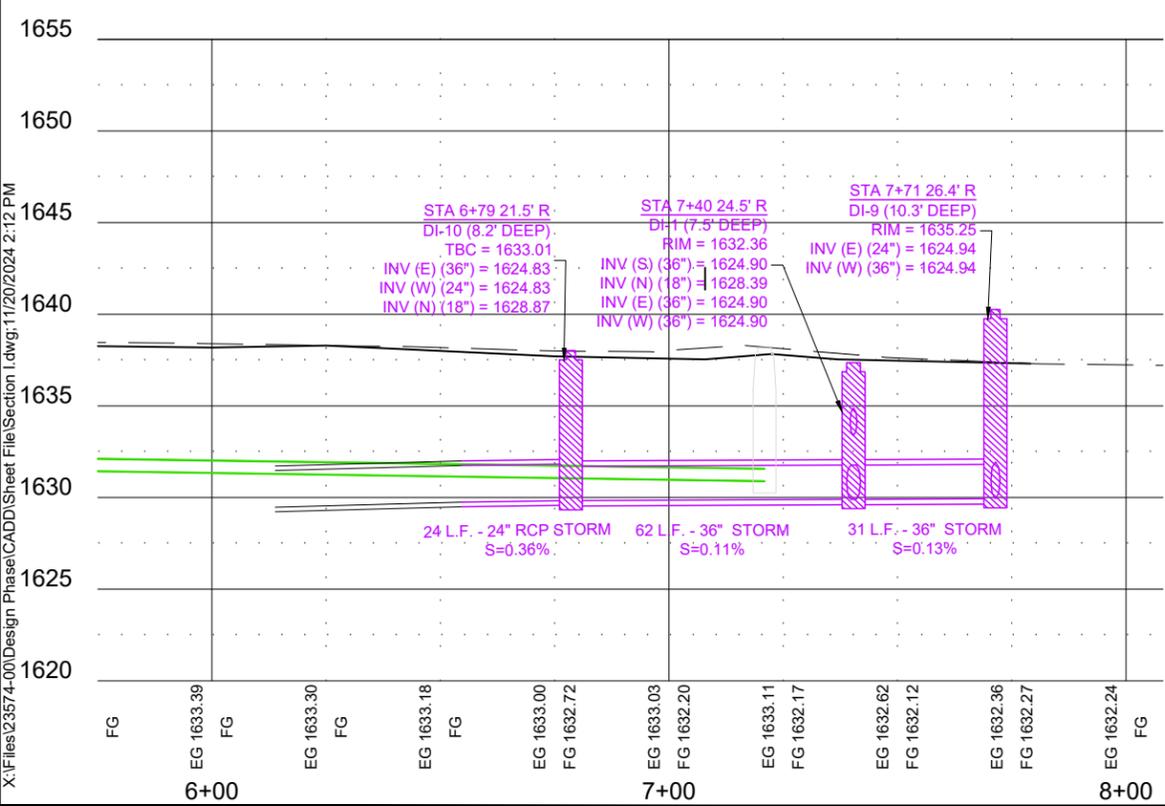
STA 6+79 - 21 RT
1 EA - TYPE B INLET (4' X 4') (DI-10)
1 EA - SPECIAL TYPE B FRAME AND GRATE ASSEMBLY

STA 7+07 - CL
1 EA - SPECIAL TYPE B INLET (4' X 4') (DI-3)
1 EA - TYPE B SPECIAL FRAME AND GRATE ASSEMBLY
NEENAH R-3290-C OR APPROVED EQUAL

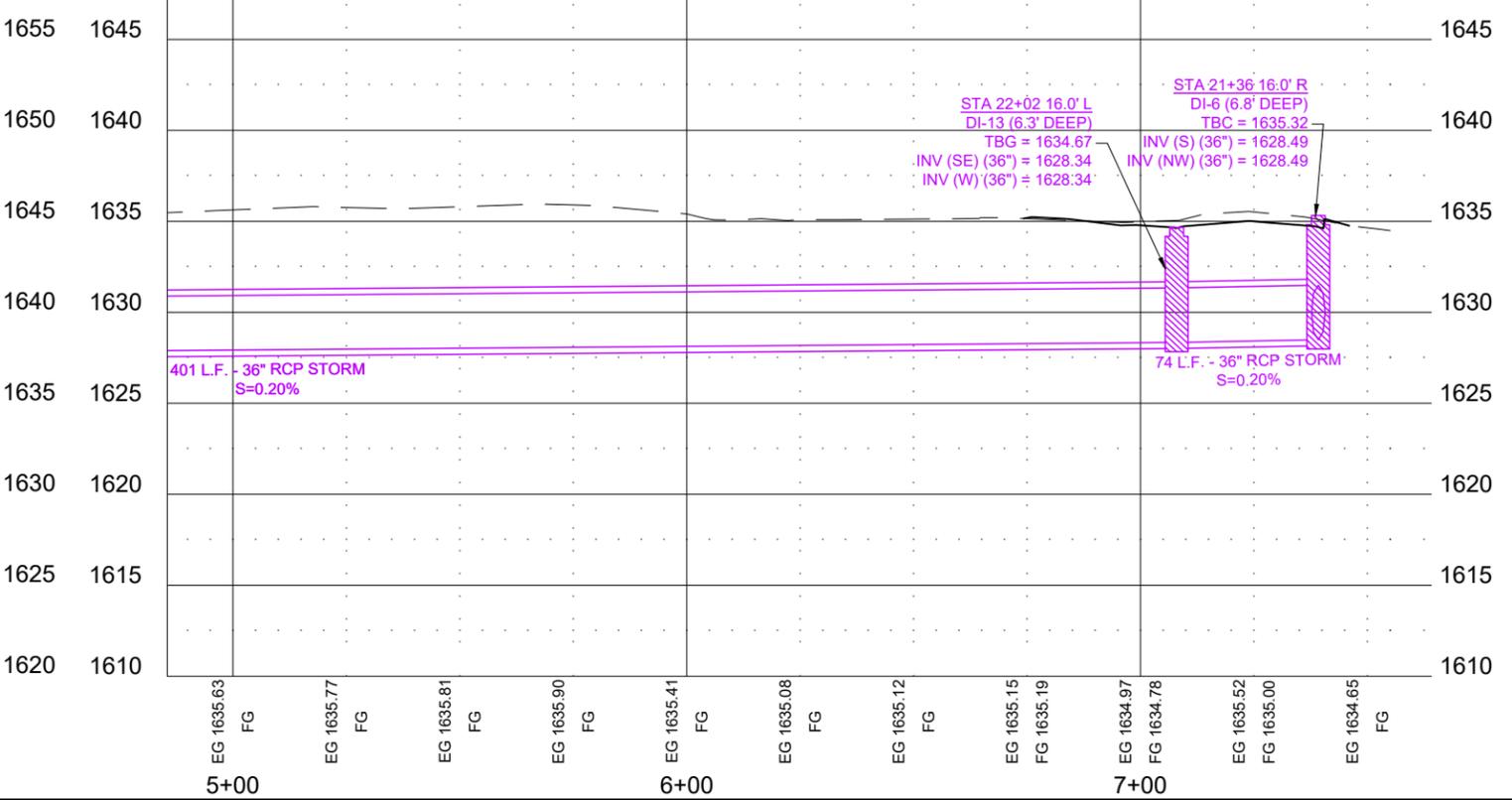
6+00 - CL TO 7+40 65' RT
140LF - 36" RCP PIPE, CLASS IV

STA 1+26 - 35 LT
1 EA - SPECIAL TYPE B INLET (4' X 4') (DI-5)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY

DI 9 TO DI 10



DI 16 TO DI 13



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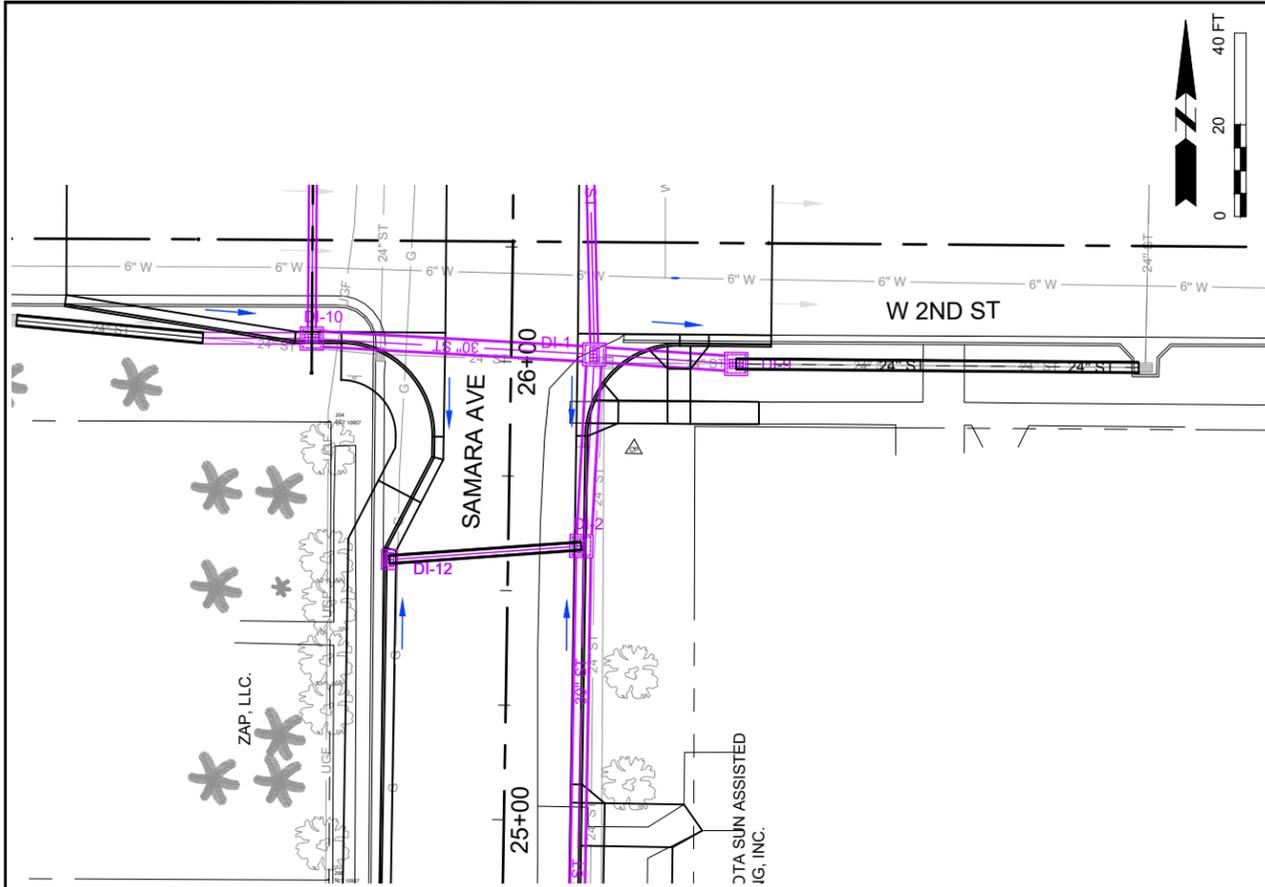


PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
W 2NS ST & 3RD ST STA 5+00 TO STA 8+00

REV	DATE	DESCRIPTION

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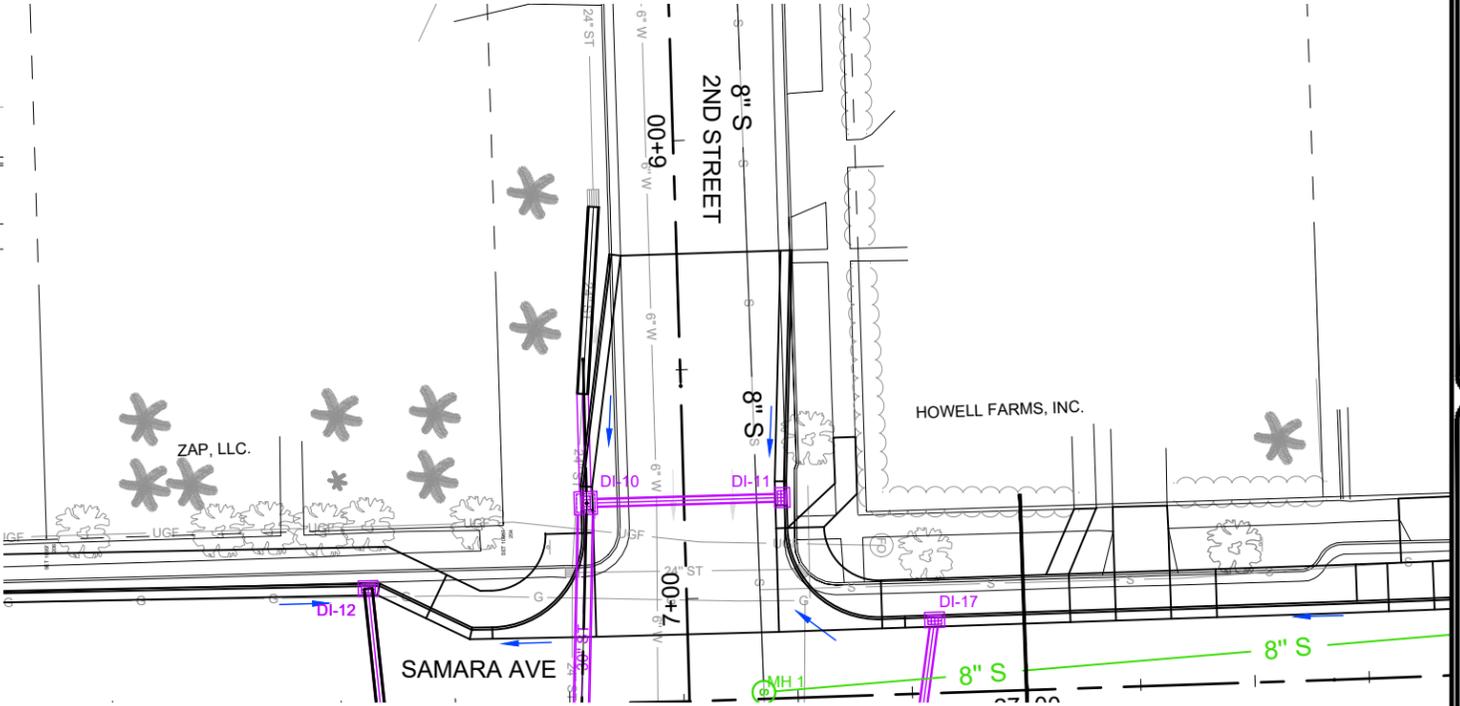
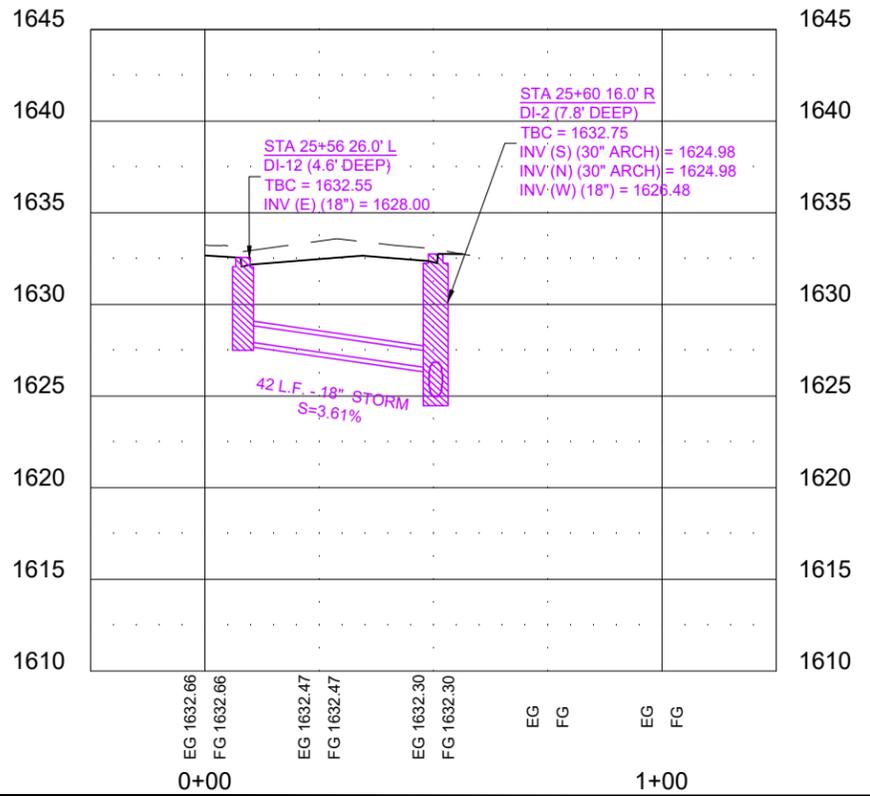
JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	BSN



STA 25+56 - -26 LT
 1 EA - TYPE B INLET (2' X 3') (DI12)
 1 EA - TYPE B FRAME AND GRATE ASSEMBLY

25+60 16' RT TO 26+02 18' RT
 42 LF - 36" RCP PIPE, CLASS IV

DI 2 TO DI 12

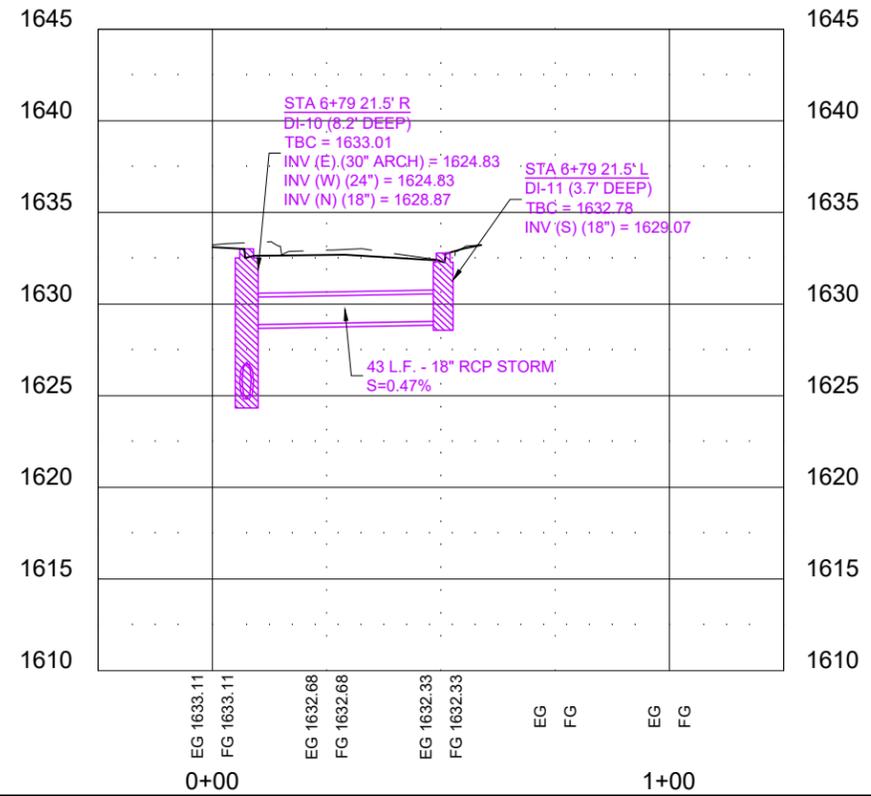


STA 6+79 - 21 LT
 1 EA - TYPE B INLET (3' X 4') (DI-10)
 1 EA - TYPE B FRAME AND GRATE ASSEMBLY

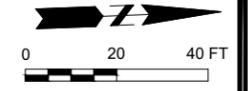
STA 6+79 - -22 RT
 1 EA - TYPE B INLET (3' X 4') (DI-11)
 1 EA - TYPE B FRAME AND GRATE ASSEMBLY

6+79 0' LT TO 6+79 0' LT
 43 LF - 18" RCP PIPE, CLASS IV

DI 10 TO DI 11



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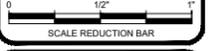
SAMARA AVE STA CROSSINGS

VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

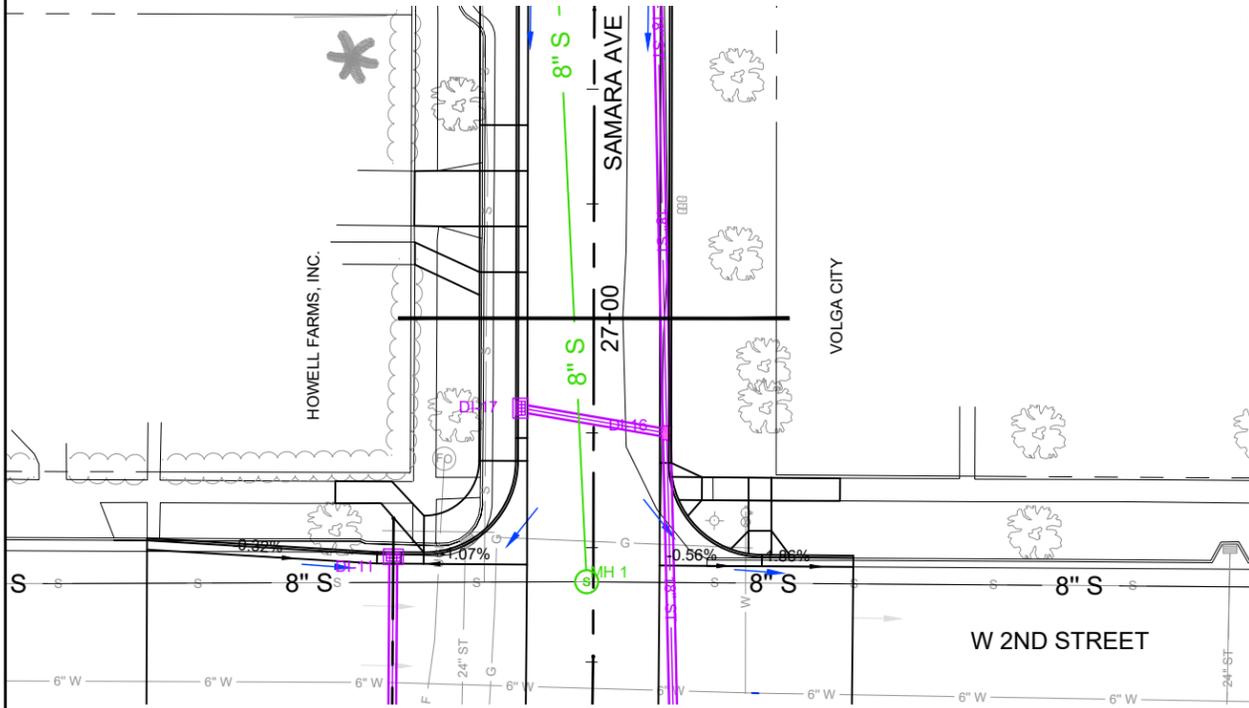
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DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	BSN



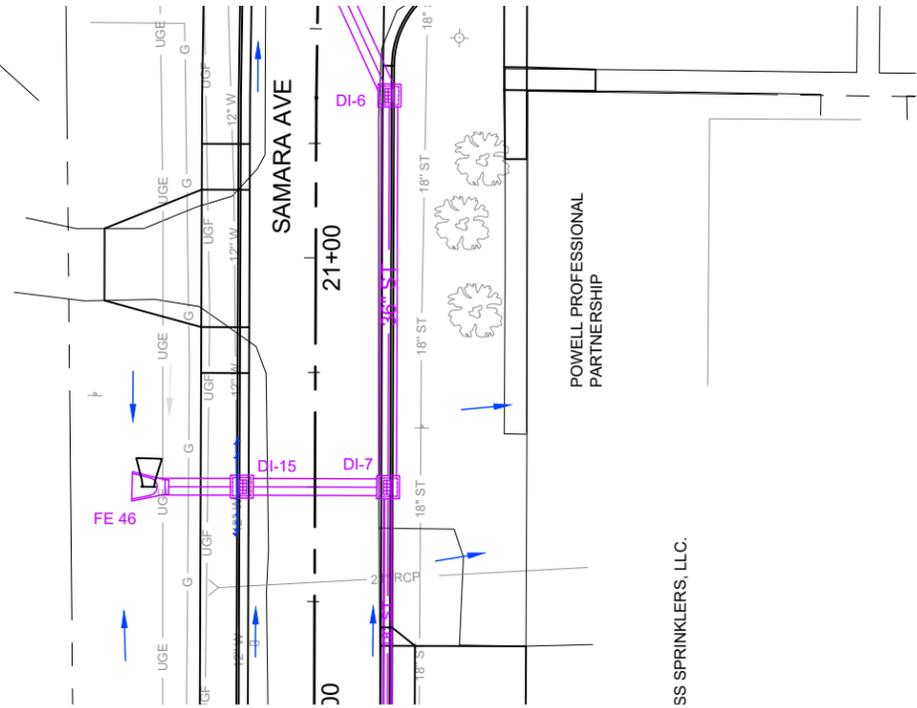
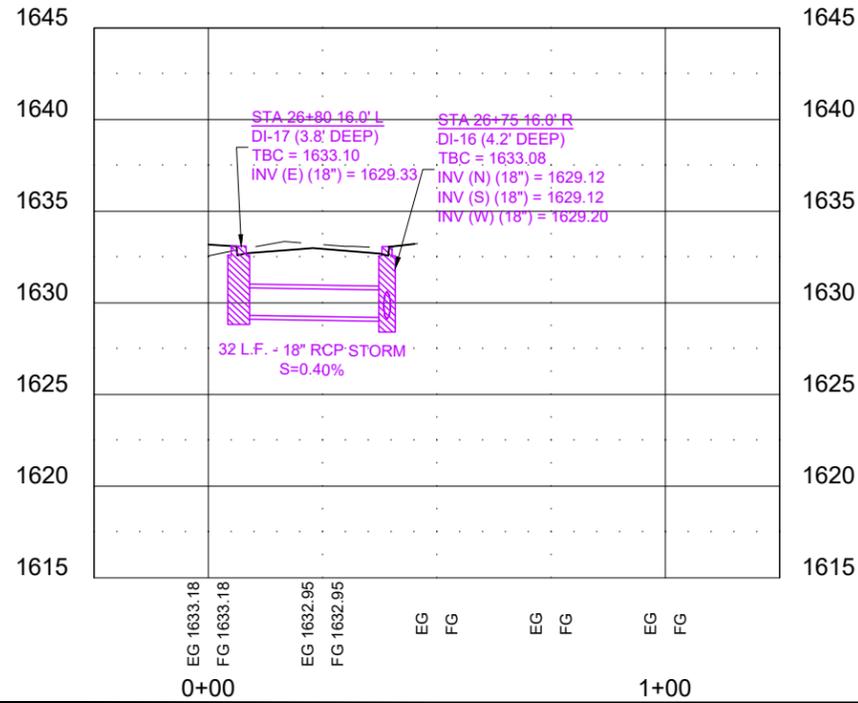
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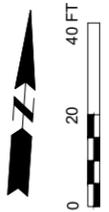
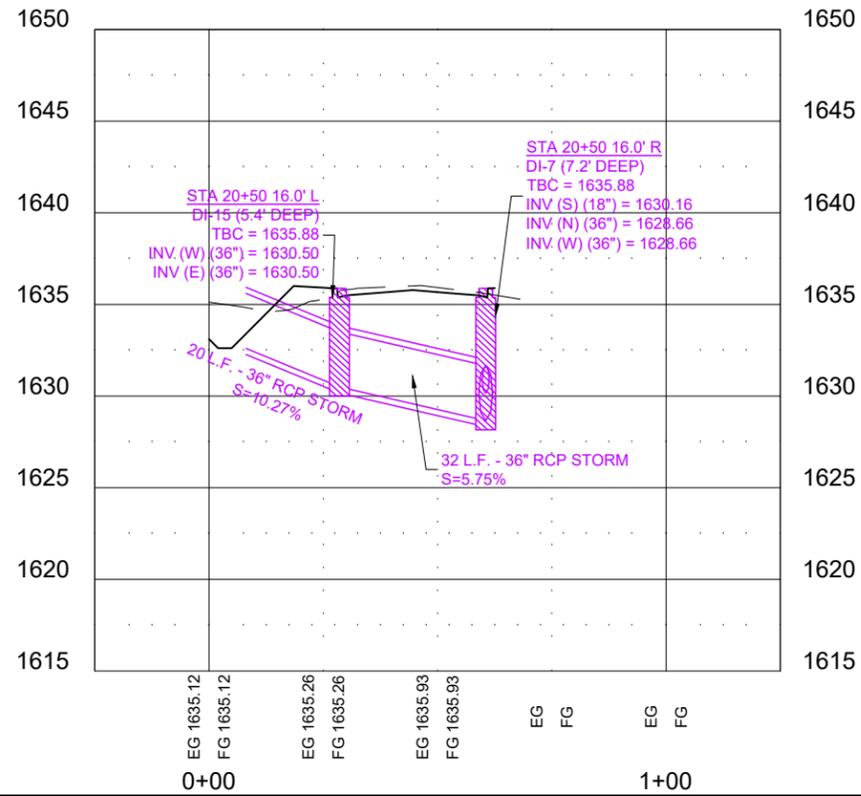
- 26+04 -16' LT TO 26+04 -16' RT
32 LF - 24" RCP PIPE, CLASS IV
- STA 26+80 - 16 LT
1 EA - TYPE B INLET (3' X 4') (DI-17)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY

DI 17 TO DI 16



- 20+50 -16' LT TO 20+50 16' LT
32 LF - 36" RCP PIPE
- 20+50 -40' LT TO 20+50 -16' LT
24 LF - 36" RCP PIPE
- STA 20+50 - -16 LT
1 EA - TYPE B INLET (3' x 4') (DI-15)
1 EA - TYPE B FRAME AND GRATE ASSEMBLY

DI 17 TO DI 16



PROJECT / SHEET TITLE:

VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE STA CROSSINGS

VOLGA, SOUTH DAKOTA

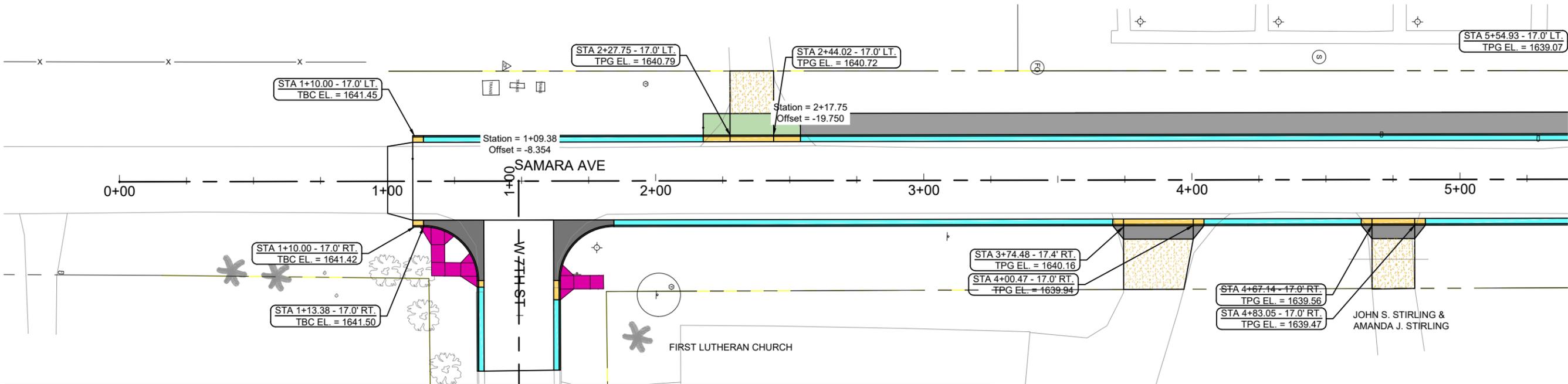
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DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	BSN

SCALE REDUCTION BAR

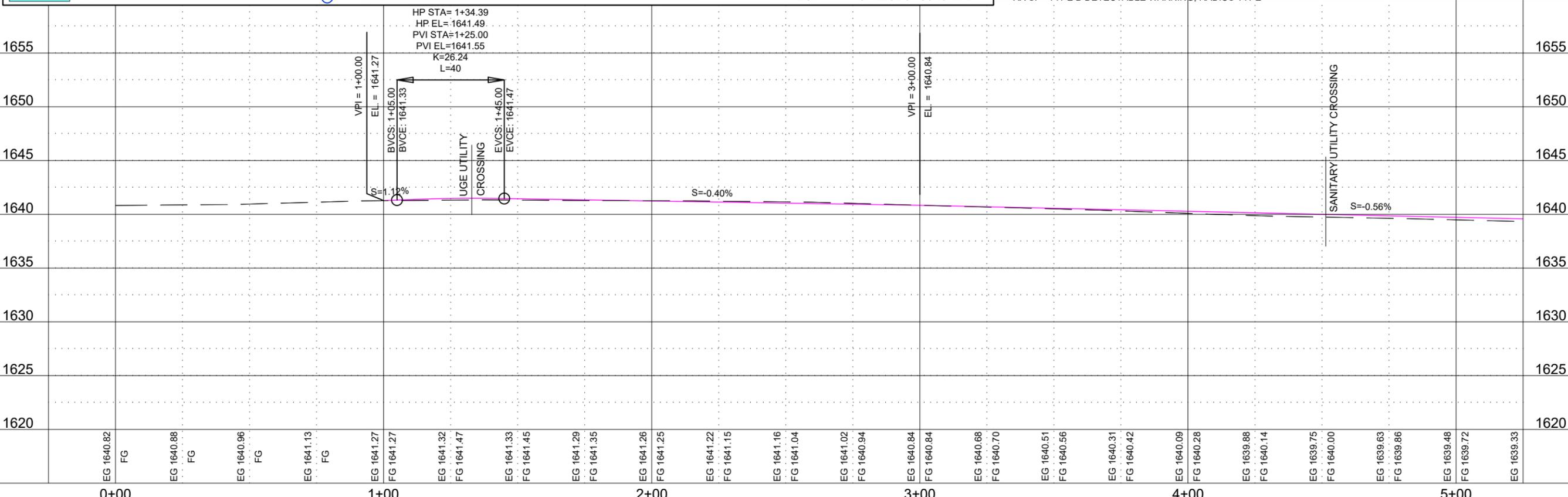
SHEET No.: 1-11



LEGEND	
	BITUMINOUS SURFACING
	4" CONCRETE SIDEWALK
	FUTURE SIDEWALK
	6" CONCRETE (NON-REINFORCED) DRIVEWAY
	6" CONCRETE (REINFORCED) DRIVEWAY
	8" CONCRETE PAVEMENT (REINFORCED)
	CONCRETE CURB & GUTTER
	P-GUTTER
	GRAVEL (6" THICKNESS)
	RESET TRAFFIC SIGN
	STORM SEWER JUNCTION BOX
	DROP INLET
	FIRE HYDRANT
	LIGHT POLE RELOCATION
	WATER VALVE
	CURB STOPS
	STORM MANHOLE
	SANITARY MANHOLE
	SURFACE DRAINAGE ARROW
	MATCH LINE FOR QUANTITIES
	PHASING SEPARATION LINE

TBC: TOP OF CURB AND GUTTER
 ME: MATCH EXISTING
 TPG: BACK OF P-GUTTER
 PC: POINT OF CURVATURE
 RAD: RADIUS
 SW: TOP OF SIDEWALK
 THEO: THEORETICAL
 TW: TOP OF WALL
 BW: BOTTOM OF WALL
 T: TRANSITION
 EC: TOP EDGE OF CONCRETE

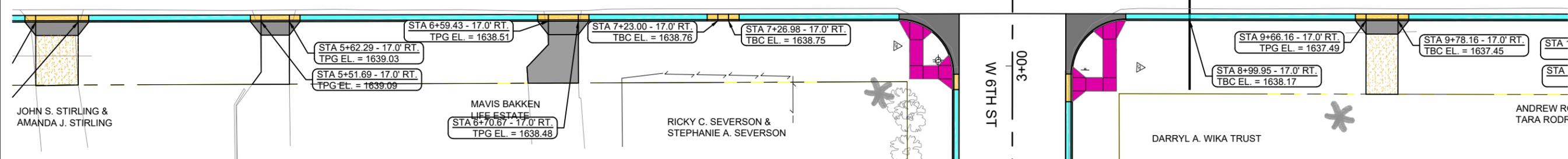
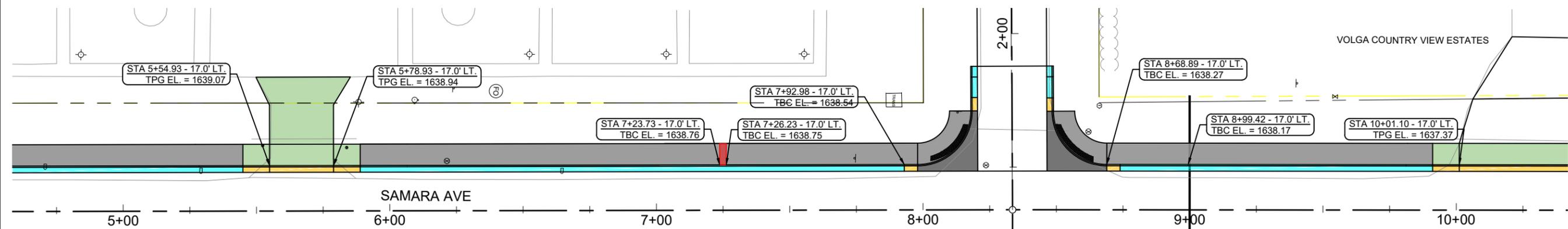
XX SY - CONCRETE FILLET SECTION, 8" THICK
 XX SY - 6" WIDE CONCRETE VALLEY GUTTER, 8" THICK
 XX LF - CONCRETE CURB AND GUTTER AND P-GUTTER
 XX SY - PCC DRIVEWAY PAVEMENT, 6" THICK
 XX SY - PCC DRIVEWAY APPROACH PAVEMENT, 6" THICK
 XX SY - REINFORCED PCC DRIVEWAY PAVEMENT, 6" THICK
 XX SY - REINFORCED PCC DRIVEWAY APPROACH PAVEMENT, 6" THICK
 XX SF - 4" CONCRETE SIDEWALK
 XX SF - TYPE B DETECTABLE WARNING
 XX SF - TYPE B DETECTABLE WARNING, RADIUS TYPE



PROJECT / SHEET TITLE:	
VOLGA - SAMARA AVE IMPROVEMENTS	
SAMARA AVENUE GRADING STA. 0+00 TO 5+00	
REV.	DATE
DESCRIPTION	
	VOLGA, SOUTH DAKOTA

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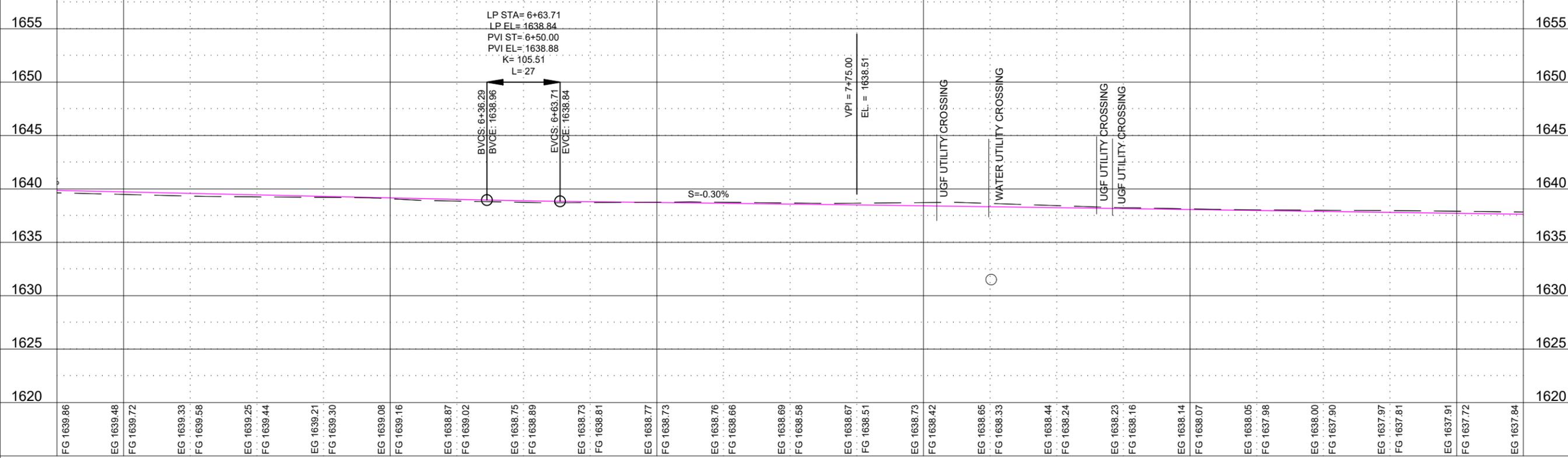
JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS
SCALE REDUCTION BAR	
SHEET No.:	
J-1	



LEGEND

BITUMINOUS SURFACING	P-GUTTER	LIGHT POLE RELOCATION	PHASING SEPARATION LINE
4" CONCRETE SIDEWALK	GRAVEL (6" THICKNESS)	WATER VALVE	TBC: TOP OF CURB AND GUTTER
FUTURE SIDEWALK	RESET TRAFFIC SIGN	CURB STOPS	ME: MATCH EXISTING
6" CONCRETE (NON-REINFORCED) DRIVEWAY	STORM SEWER JUNCTION BOX	STORM MANHOLE	TPG: BACK OF P-GUTTER
6" CONCRETE (REINFORCED) DRIVEWAY	DROP INLET	SANITARY MANHOLE	PC: POINT OF CURVATURE
8" CONCRETE PAVEMENT (REINFORCED)	FIRE HYDRANT	SURFACE DRAINAGE ARROW	RAD: RADIUS
CONCRETE CURB & GUTTER		MATCH LINE FOR QUANTITIES	SW: TOP OF SIDEWALK
			THEO: THEORETICAL
			TW: TOP OF WALL
			BW: BOTTOM OF WALL
			T: TRANSITION
			EC: TOP EDGE OF CONCRETE

XX SY - CONCRETE FILLET SECTION, 8" THICK
 XX SY - 6" WIDE CONCRETE VALLEY GUTTER, 8" THICK
 XX LF - CONCRETE CURB AND GUTTER AND P-GUTTER
 XX SY - PCC DRIVEWAY PAVEMENT, 6" THICK
 XX SY - PCC DRIVEWAY APPROACH PAVEMENT, 6" THICK
 XX SY - REINFORCED PCC DRIVEWAY PAVEMENT, 6" THICK
 XX SY - REINFORCED PCC DRIVEWAY APPROACH PAVEMENT, 6" THICK
 XX SF - 4" CONCRETE SIDEWALK
 XX SF - TYPE B DETECTABLE WARNING
 XX SF - TYPE B DETECTABLE WARNING, RADIUS TYPE



FG 1639.86	EG 1639.48	FG 1639.72	EG 1639.33	FG 1639.56	EG 1639.25	FG 1639.44	EG 1639.21	FG 1639.30	EG 1639.08	FG 1639.16	EG 1638.87	FG 1639.02	EG 1638.75	FG 1638.89	EG 1638.73	FG 1638.81	EG 1638.77	FG 1638.73	EG 1638.76	FG 1638.66	EG 1638.69	FG 1638.58	EG 1638.67	FG 1638.51	EG 1638.73	FG 1638.42	EG 1638.65	FG 1638.33	EG 1638.44	FG 1638.24	EG 1638.23	FG 1638.16	EG 1638.14	FG 1638.07	EG 1638.05	FG 1637.98	EG 1638.00	FG 1637.90	EG 1637.97	FG 1637.81	EG 1637.91	FG 1637.72	EG 1637.84
5+00					6+00					7+00					8+00					9+00					10+00																		



PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS

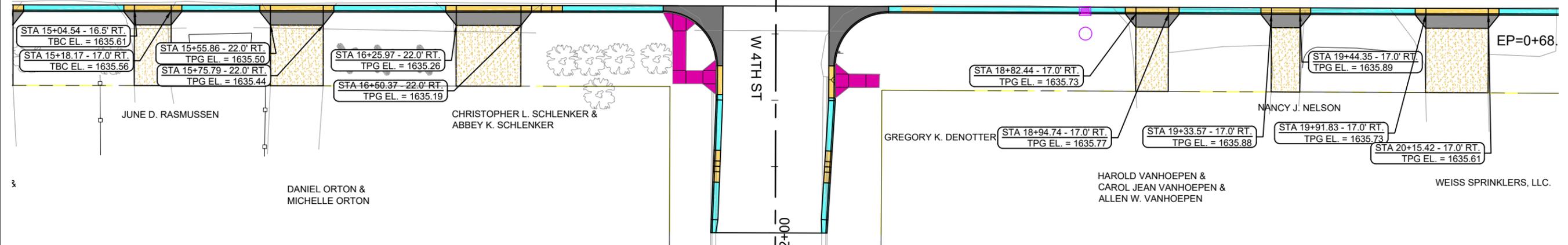
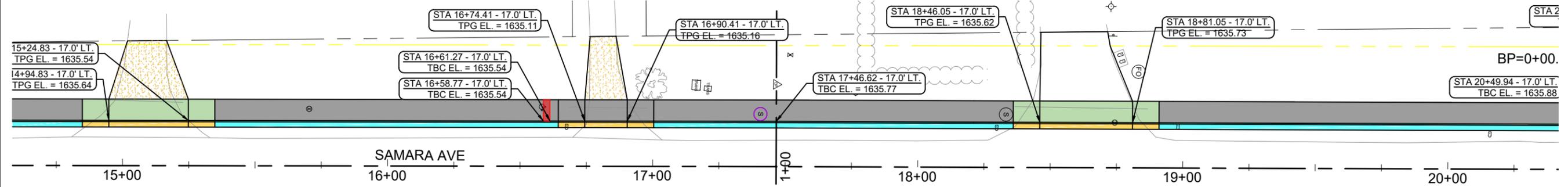
SAMARA AVENUE GRADING STA. 5+00 TO 10+00

VOLGA, SOUTH DAKOTA

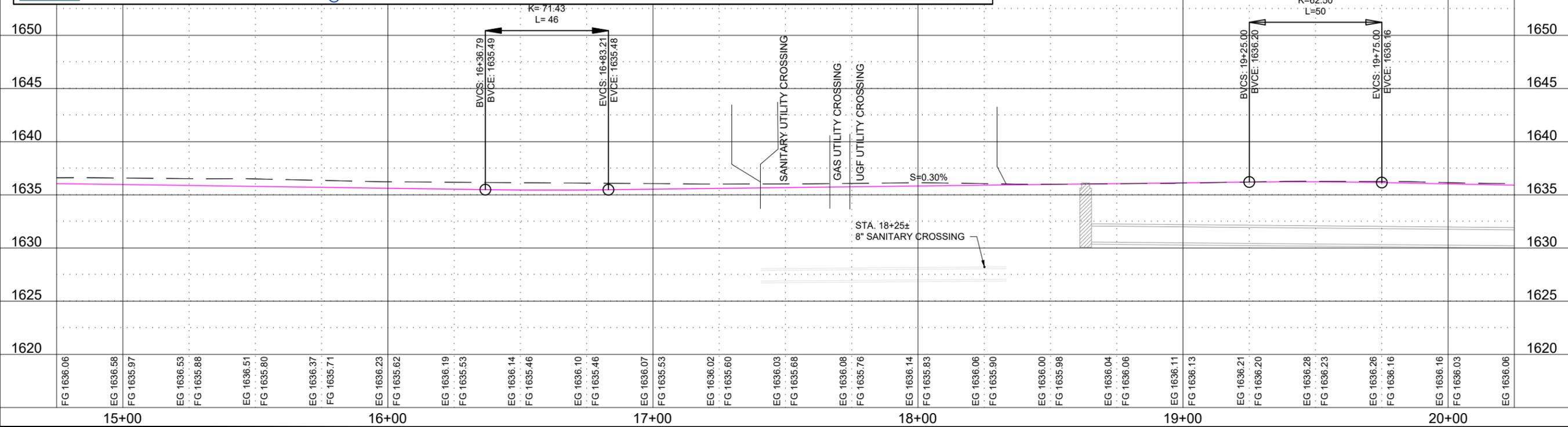
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JOB No.:	23574-00
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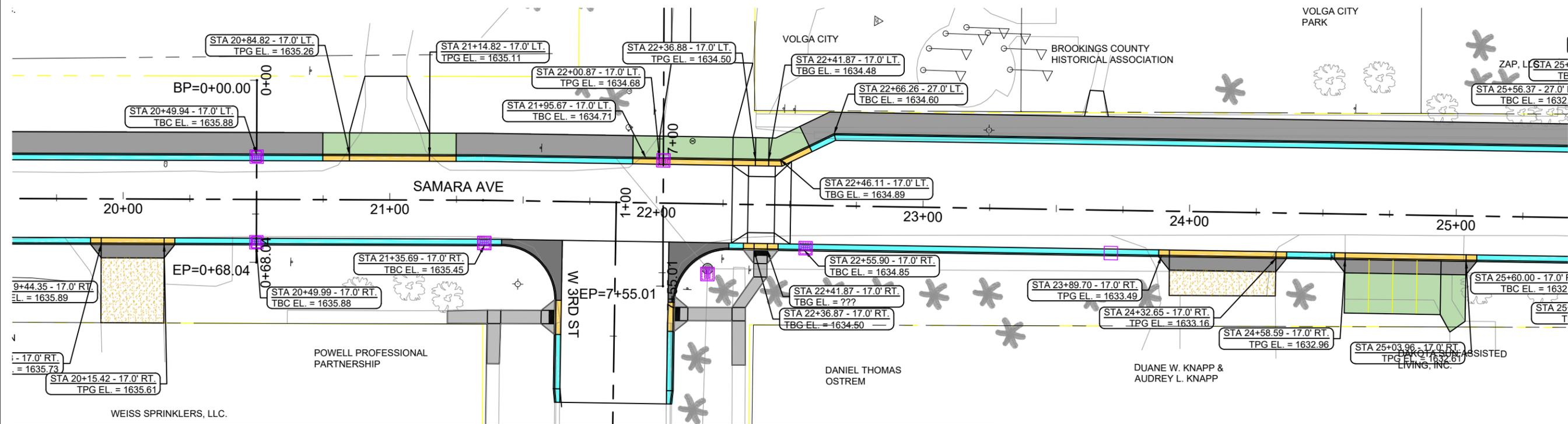
LEGEND					
	BITUMINOUS SURFACING		P-GUTTER		LIGHT POLE RELOCATION
	4" CONCRETE SIDEWALK		GRAVEL (6" THICKNESS)		WATER VALVE
	FUTURE SIDEWALK		RESET TRAFFIC SIGN		CURB STOPS
	6" CONCRETE (NON-REINFORCED) DRIVEWAY		STORM SEWER JUNCTION BOX		STORM MANHOLE
	6" CONCRETE (REINFORCED) DRIVEWAY		DROP INLET		SANITARY MANHOLE
	8" CONCRETE PAVEMENT (REINFORCED)		FIRE HYDRANT		SURFACE DRAINAGE ARROW
	CONCRETE CURB & GUTTER		MATCH LINE FOR QUANTITIES		PHASING SEPARATION LINE



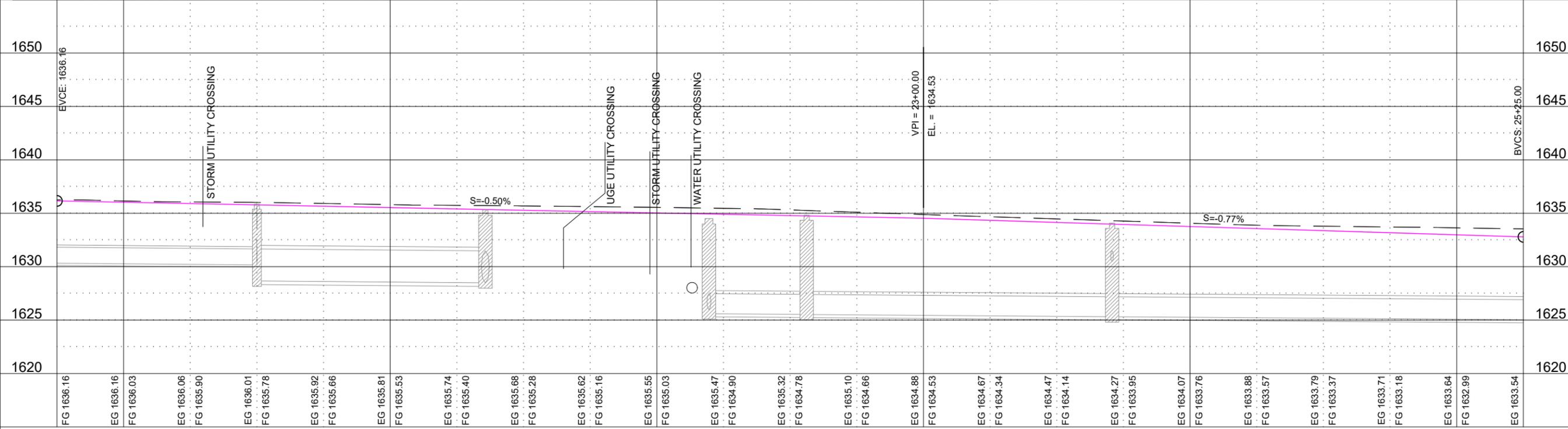
PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVENUE GRADING STA. 15+00 TO 20+00
 VOLGA, SOUTH DAKOTA
 DESCRIPTION

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JOB No.: 23574-00
 DATE: JANUARY, 2024
 ENG / ARCH: PMK
 DESIGNER: PMK
 TECHNICIAN: MRS
 SCALE REDUCTION BAR
 SHEET No.: J-4



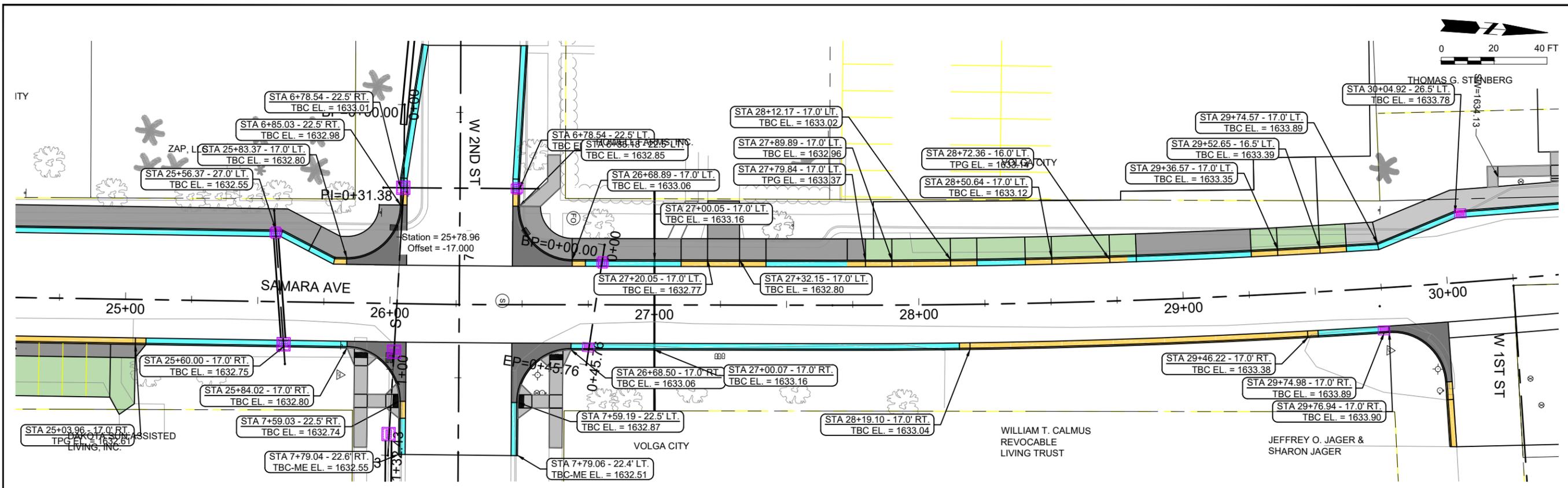
LEGEND			
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[Pattern]	4" CONCRETE SIDEWALK	[Symbol]	WATER VALVE
[Pattern]	FUTURE SIDEWALK	[Symbol]	CURB STOPS
[Pattern]	6" CONCRETE (NON-REINFORCED) DRIVEWAY	[Symbol]	STORM MANHOLE
[Pattern]	6" CONCRETE (REINFORCED) DRIVEWAY	[Symbol]	SANITARY MANHOLE
[Pattern]	8" CONCRETE PAVEMENT (REINFORCED)	[Symbol]	SURFACE DRAINAGE ARROW
[Pattern]	CONCRETE CURB & GUTTER	[Symbol]	MATCH LINE FOR QUANTITIES
[Pattern]	P-GUTTER	[Symbol]	PHASING SEPARATION LINE
[Pattern]	GRAVEL (6" THICKNESS)	[Symbol]	TBC: TOP OF CURB AND GUTTER
[Symbol]	RESET TRAFFIC SIGN	[Symbol]	ME: MATCH EXISTING
[Symbol]	STORM SEWER JUNCTION BOX	[Symbol]	TPG: BACK OF P-GUTTER
[Symbol]	DROP INLET	[Symbol]	PC: POINT OF CURVATURE
[Symbol]	FIRE HYDRANT	[Symbol]	RAD: RADIUS
		[Symbol]	SW: TOP OF SIDEWALK
		[Symbol]	THEO: THEORETICAL
		[Symbol]	TW: TOP OF WALL
		[Symbol]	BW: BOTTOM OF WALL
		[Symbol]	T: TRANSITION
		[Symbol]	EC: TOP EDGE OF CONCRETE



VOLGA - SAMARA AVE IMPROVEMENTS	
SAMARA AVENUE GRADING STA. 20+00 TO 25+00	
PROJECT / SHEET TITLE:	VOLGA, SOUTH DAKOTA
DESCRIPTION:	
REV:	DATE:

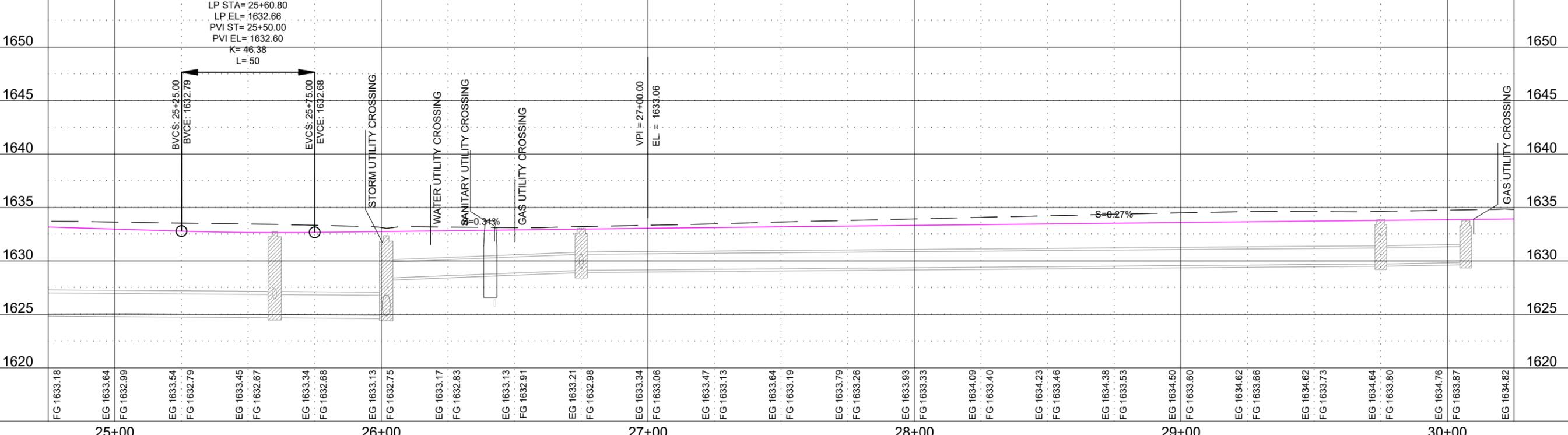
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DESIGNER:	PMK
TECHNICIAN:	MRS
SCALE REDUCTION BAR	
SHEET No.:	



LEGEND

	BITUMINOUS SURFACING		P-GUTTER		LIGHT POLE RELOCATION		PHASING SEPARATION LINE
	4" CONCRETE SIDEWALK		GRAVEL (6" THICKNESS)		WATER VALVE	TBC:	TOP OF CURB AND GUTTER
	FUTURE SIDEWALK		RESET TRAFFIC SIGN		CURB STOPS	ME:	MATCH EXISTING
	6" CONCRETE (NON-REINFORCED) DRIVEWAY		STORM SEWER JUNCTION BOX		STORM MANHOLE	TPG:	BACK OF P-GUTTER
	6" CONCRETE (REINFORCED) DRIVEWAY		DROP INLET		SANITARY MANHOLE	PC:	POINT OF CURVATURE
	8" CONCRETE PAVEMENT (REINFORCED)		FIRE HYDRANT		SURFACE DRAINAGE ARROW	RAD:	RADIUS
	CONCRETE CURB & GUTTER		MATCH LINE FOR QUANTITIES			SW:	TOP OF SIDEWALK
						THEO:	THEORETICAL
						TW:	TOP OF WALL
						BW:	BOTTOM OF WALL
						T:	TRANSITION
						EC:	TOP EDGE OF CONCRETE



PROJECT / SHEET TITLE:

VOLGA - SAMARA AVE IMPROVEMENTS

SAMARA AVENUE GRADING STA. 25+00 TO 30+00

VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

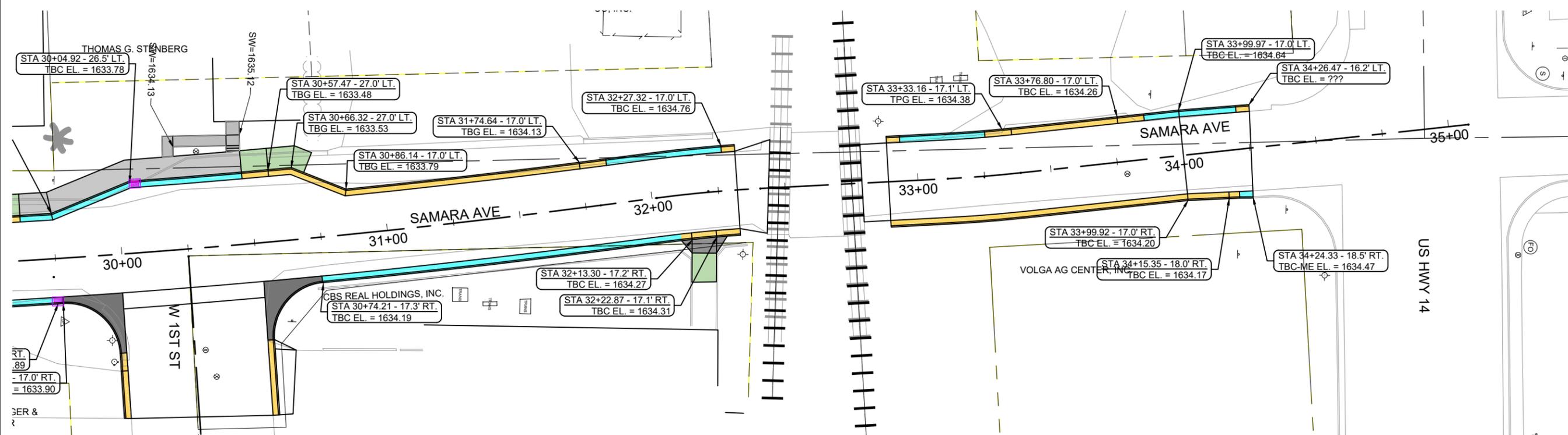
**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

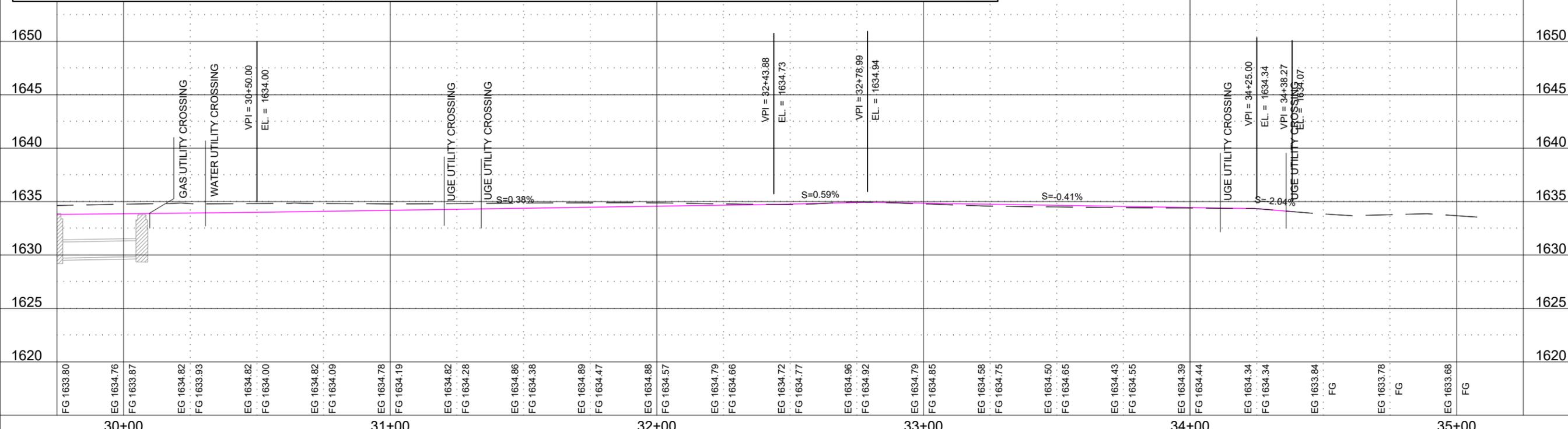
SCALE REDUCTION BAR

SHEET No.:

J-6



LEGEND			
	BITUMINOUS SURFACING		P-GUTTER
	4" CONCRETE SIDEWALK		GRAVEL (6" THICKNESS)
	FUTURE SIDEWALK		RESET TRAFFIC SIGN
	6" CONCRETE (NON-REINFORCED) DRIVEWAY		STORM SEWER JUNCTION BOX
	6" CONCRETE (REINFORCED) DRIVEWAY		DROP INLET
	8" CONCRETE PAVEMENT (REINFORCED)		FIRE HYDRANT
	CONCRETE CURB & GUTTER		SURFACE DRAINAGE ARROW
	LIGHT POLE RELOCATION		MATCH LINE FOR QUANTITIES
	WATER VALVE		
	CURB STOPS		
	STORM MANHOLE		
	SANITARY MANHOLE		
	PHASING SEPARATION LINE		



PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVENUE GRADING STA. 30+00 TO 35+00
 VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

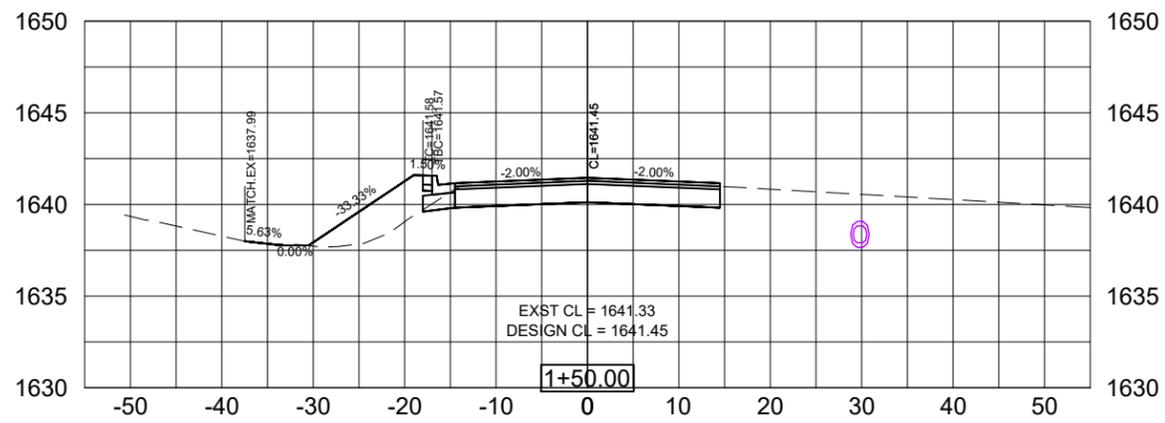
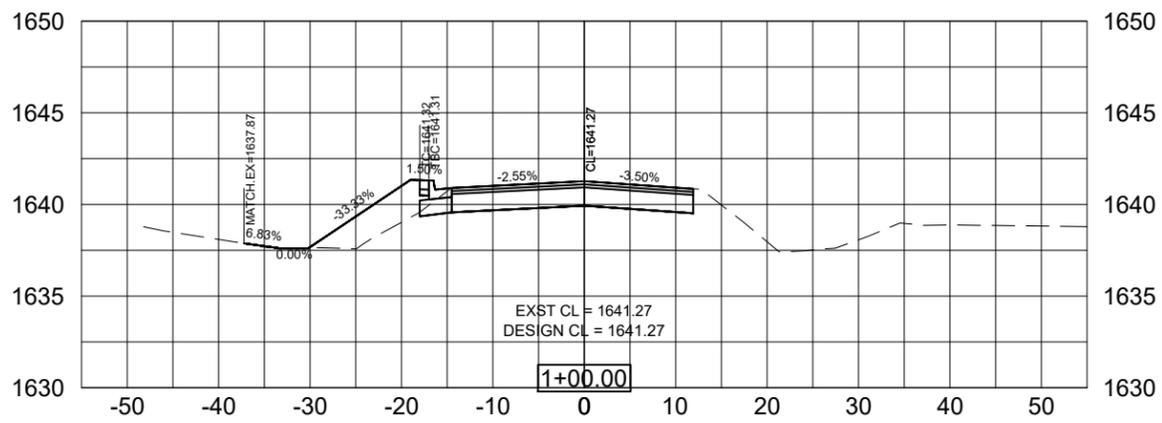
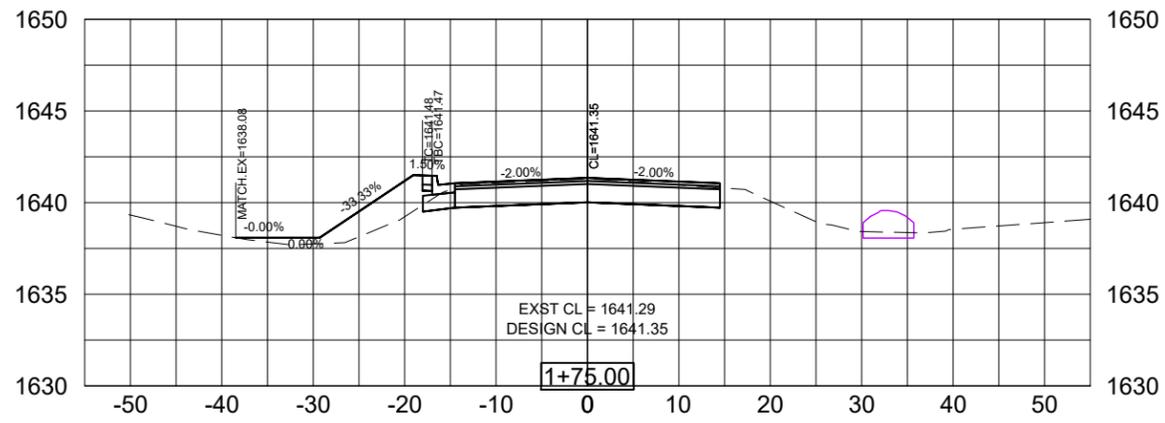
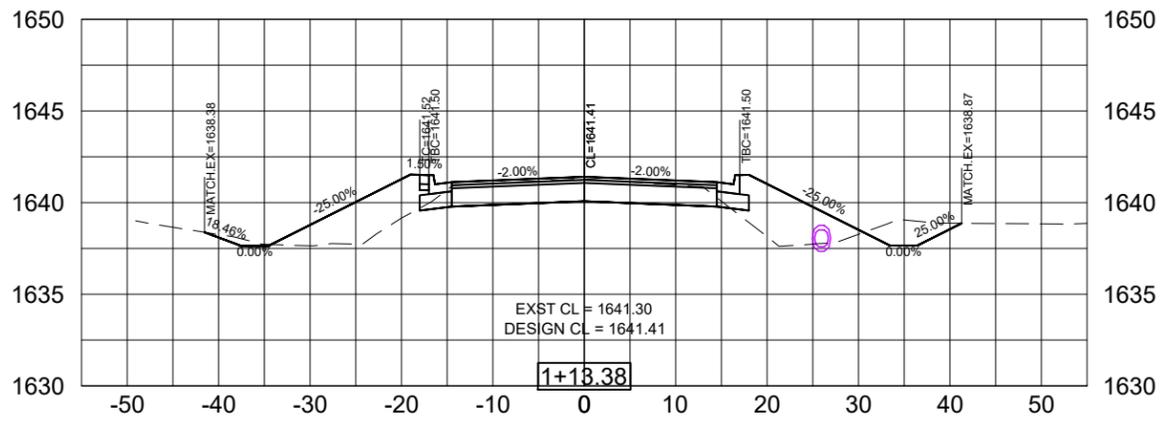
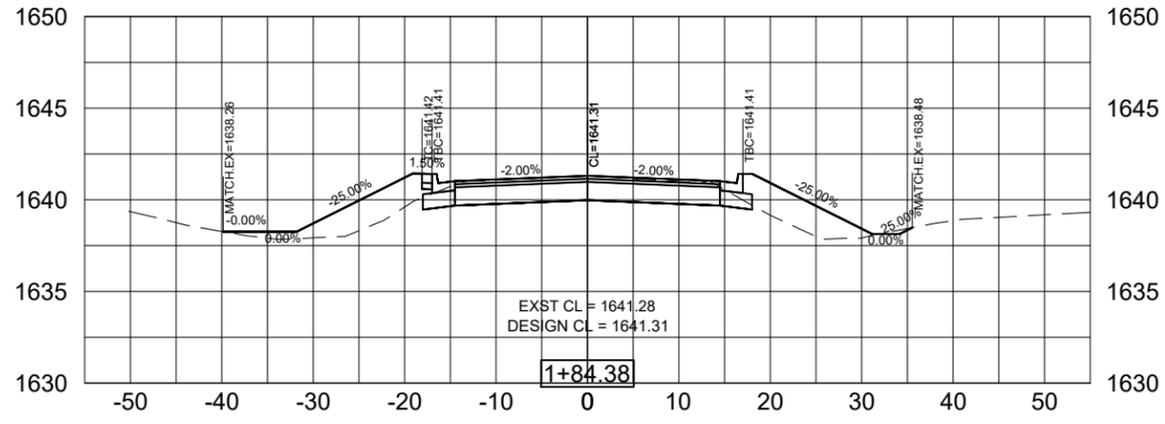
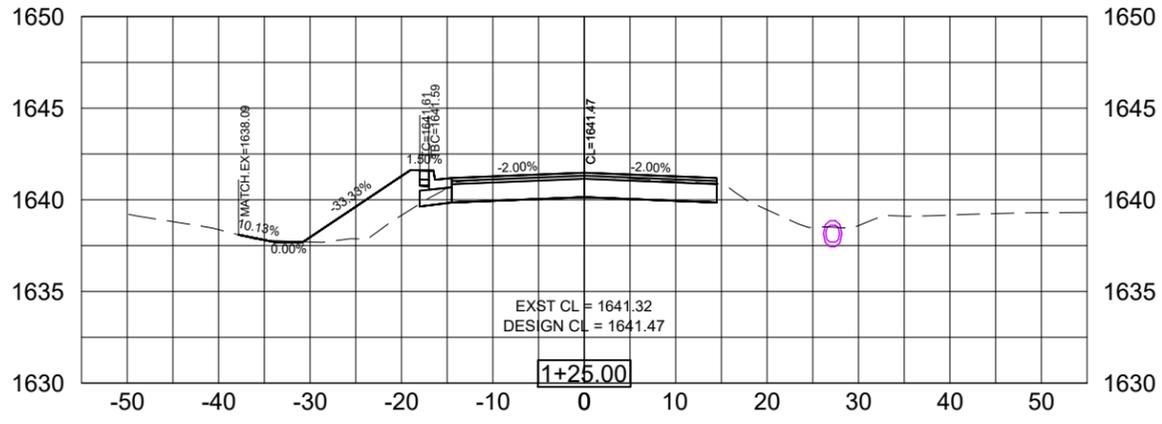
**FOR REVIEW ONLY
 NOT FOR CONSTRUCTION**

JOB No.: 23574-00
 DATE: JANUARY, 2024
 ENG / ARCH: PMK
 DESIGNER: PMK
 TECHNICIAN: MRS

SCALE REDUCTION BAR: 0 1/2" 1"

SHEET No.: J-7

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PROJECT / SHEET TITLE:

VOLGA - SAMARA AVE IMPROVEMENTS

SAMARA AVE CROSS SECTION - STA 0+00 TO STA 1+25

REV.	DATE	DESCRIPTION

VOLGA, SOUTH DAKOTA

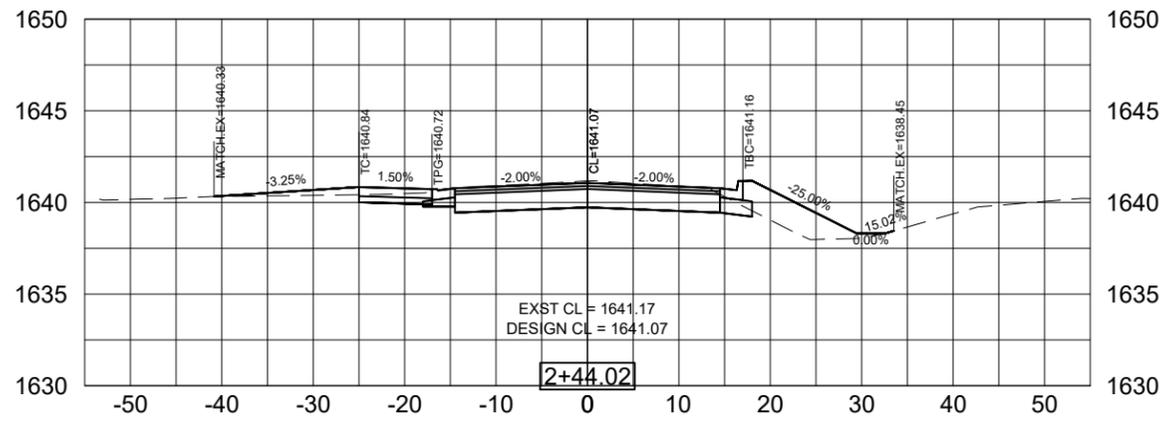
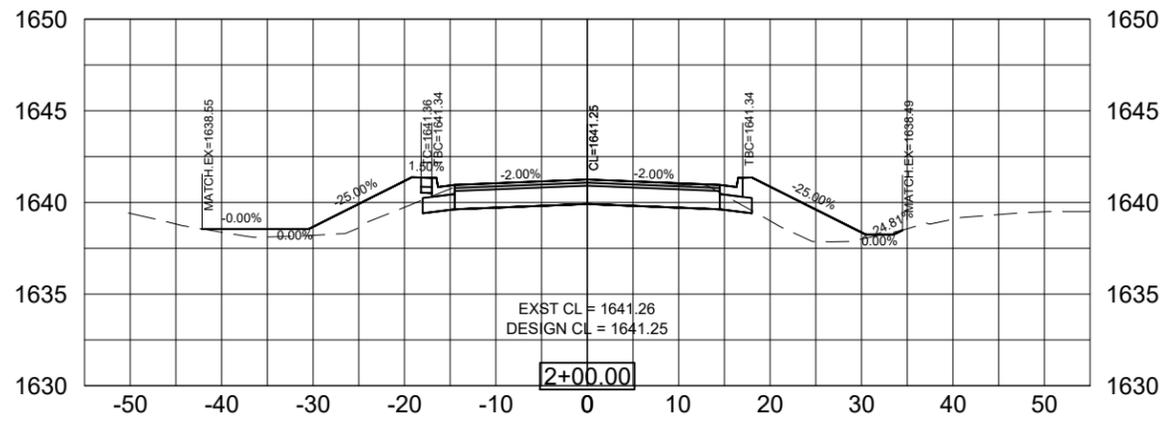
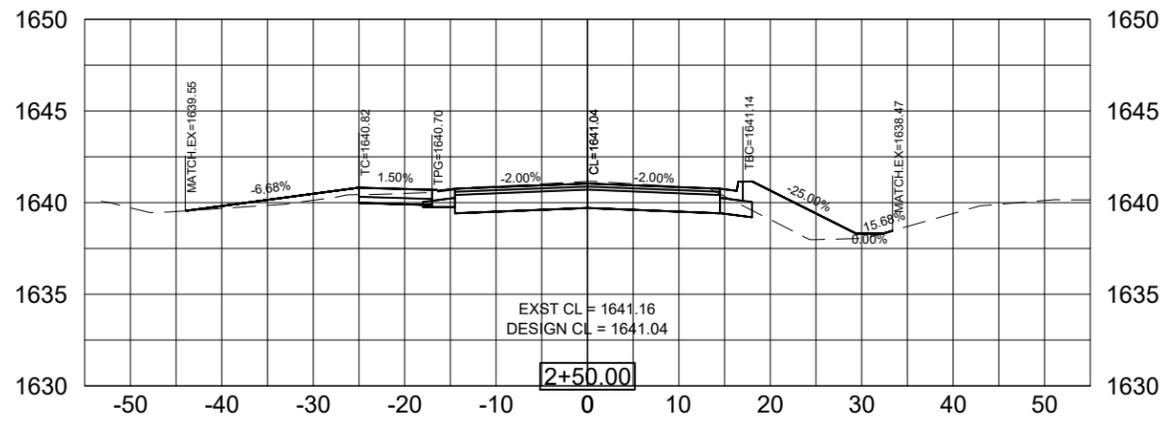
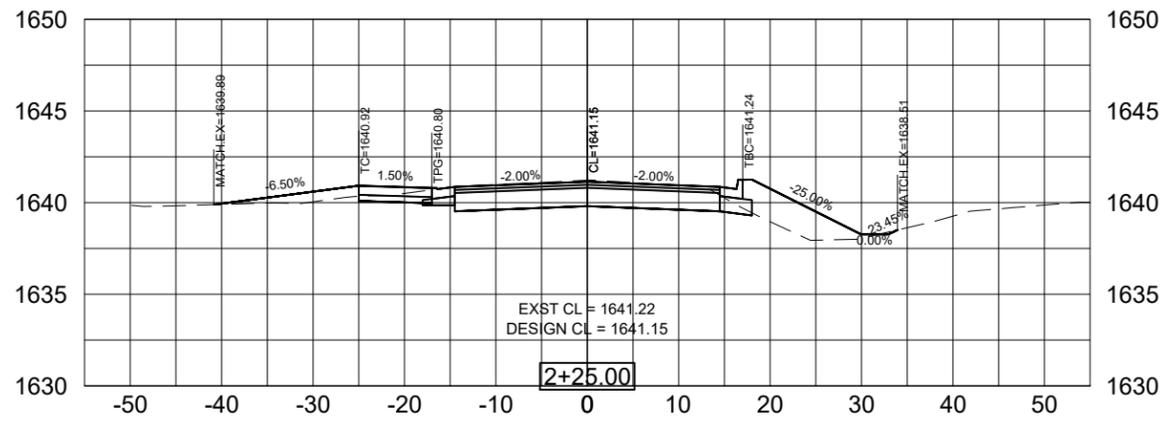
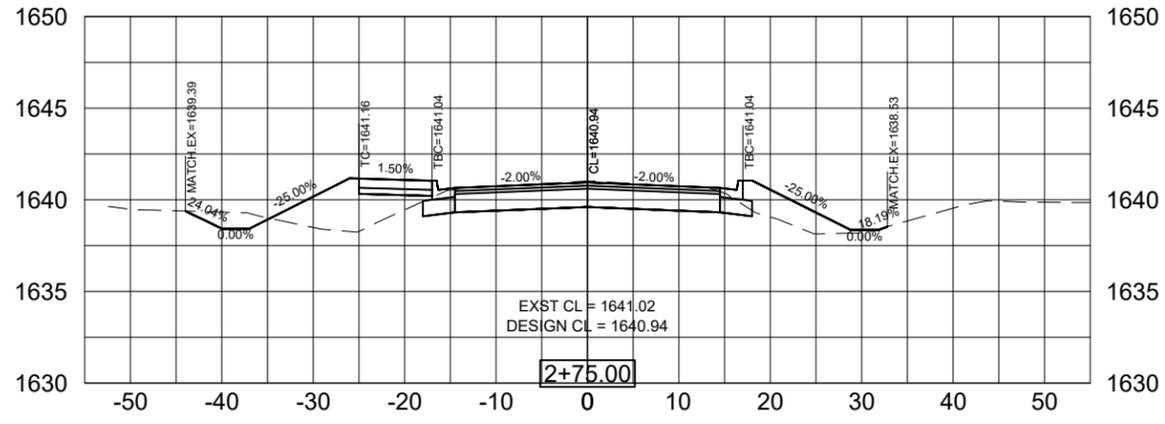
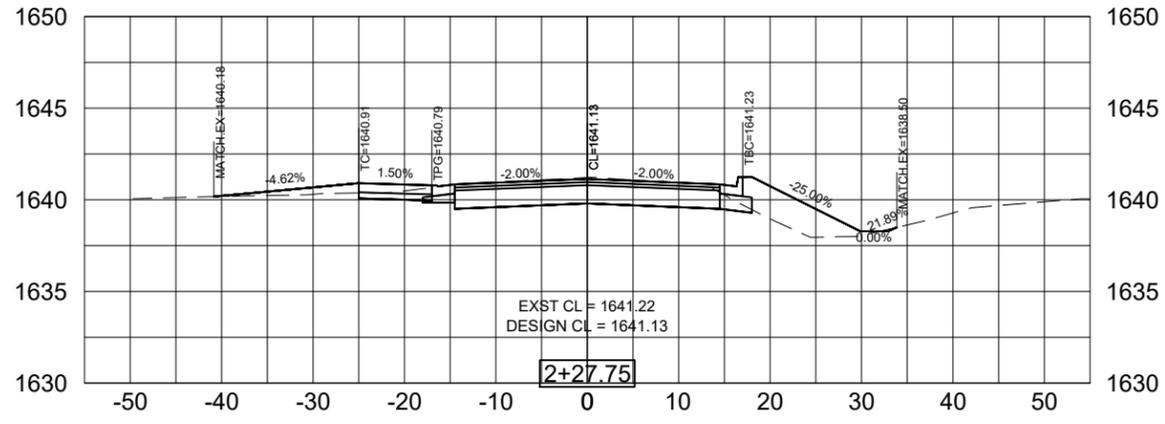
**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR

SHEET No. : **M-1**

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 1+50 TO STA 2+43

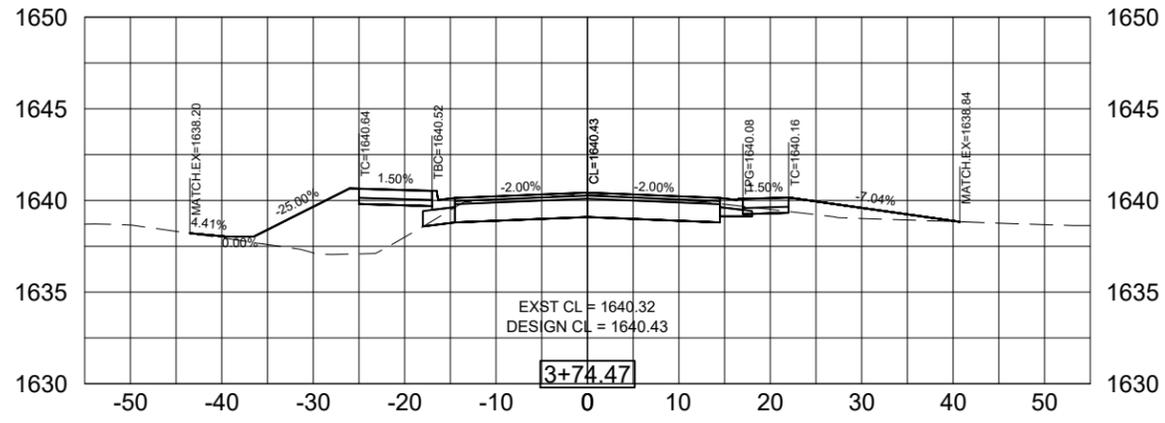
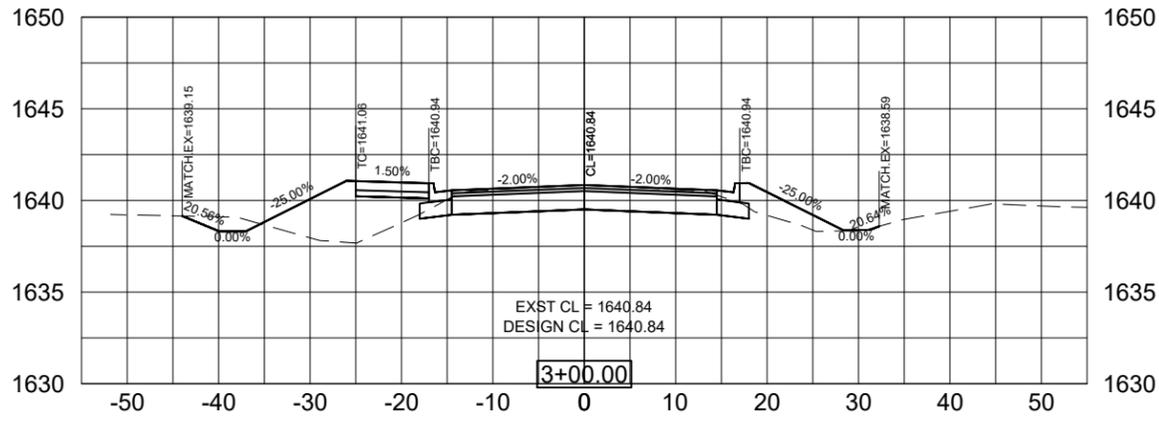
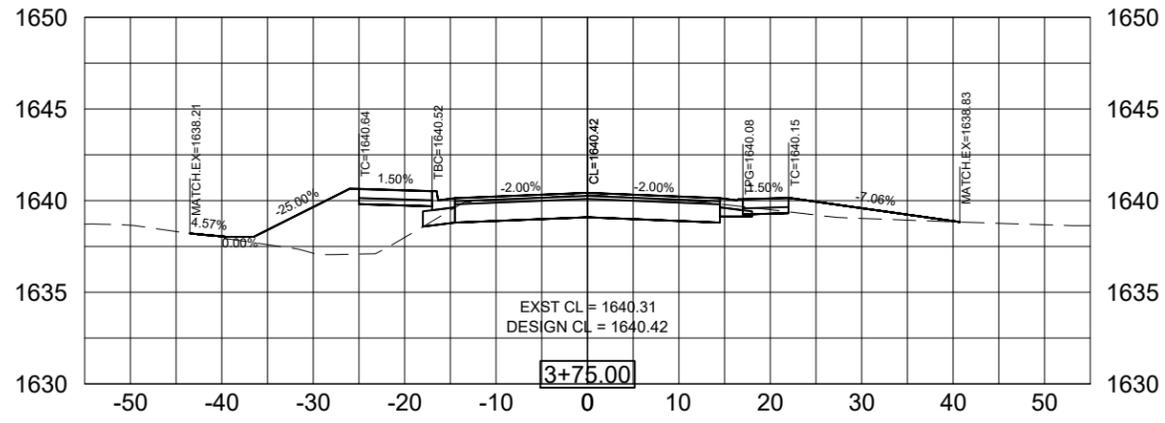
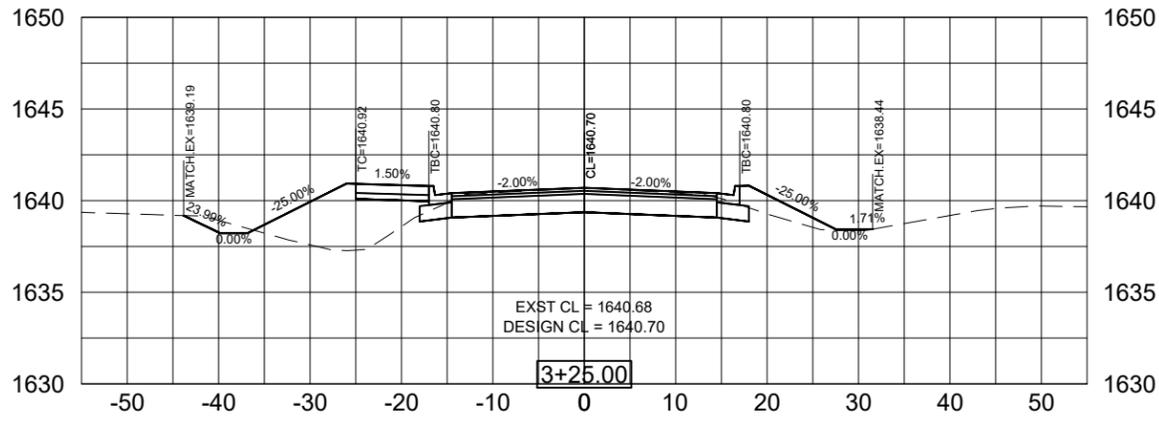
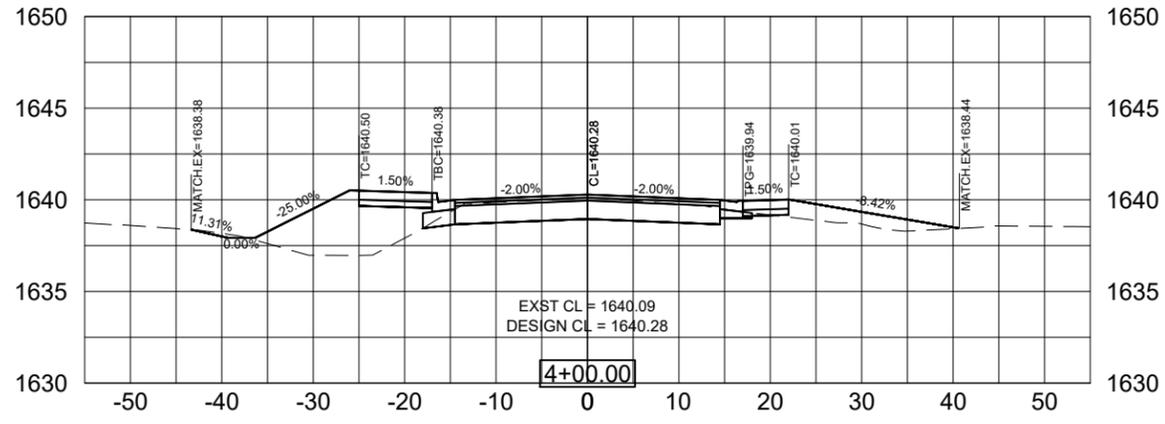
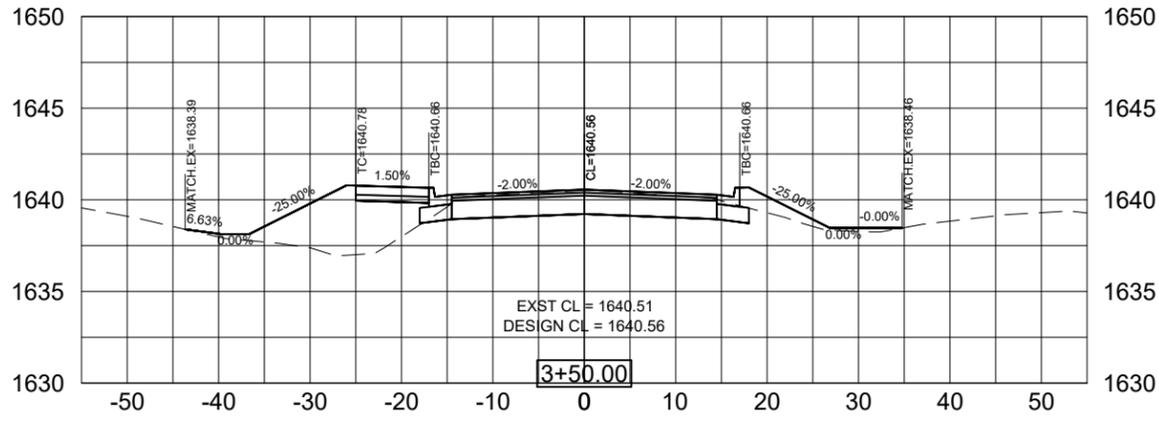
REV.	DATE	DESCRIPTION

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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR
 1" = 10'

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 2+50 TO STA 3+75

REV.	DATE	DESCRIPTION

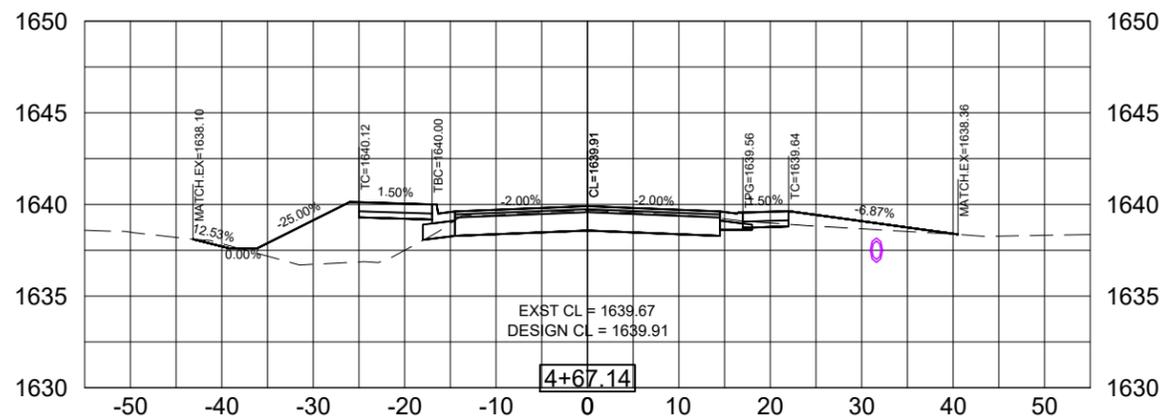
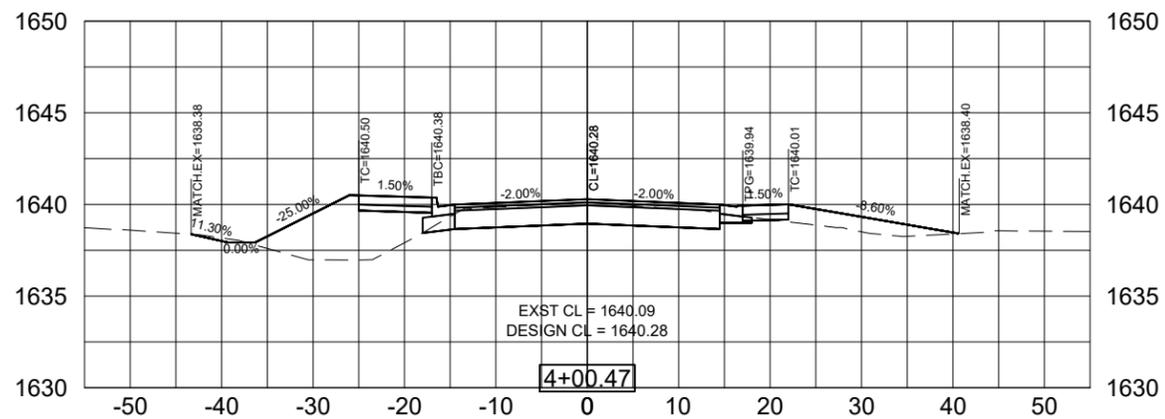
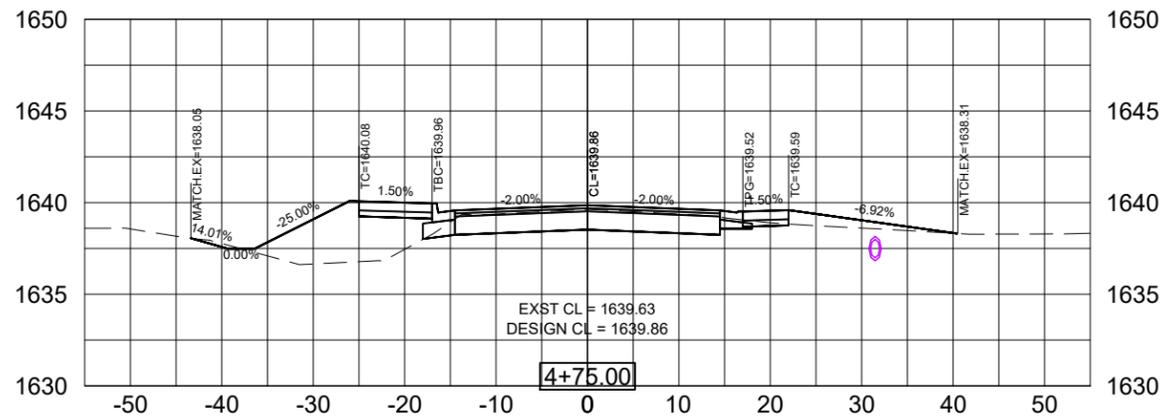
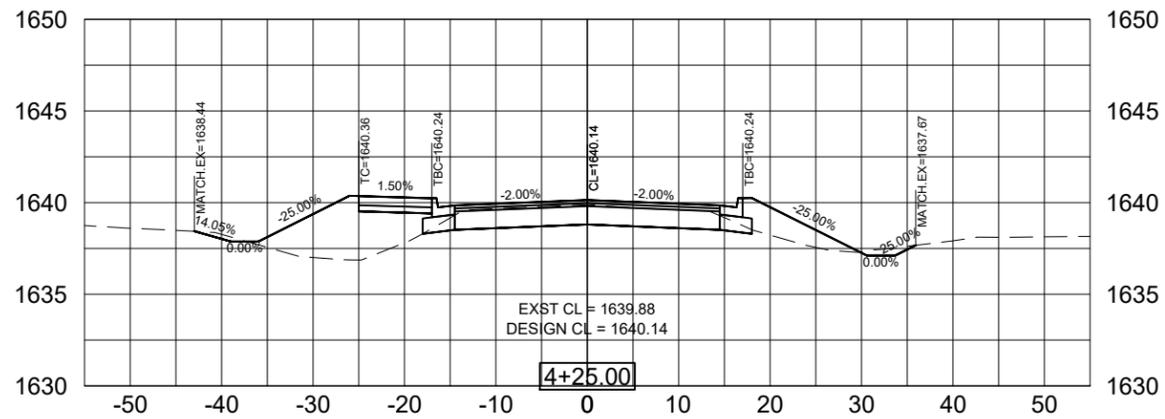
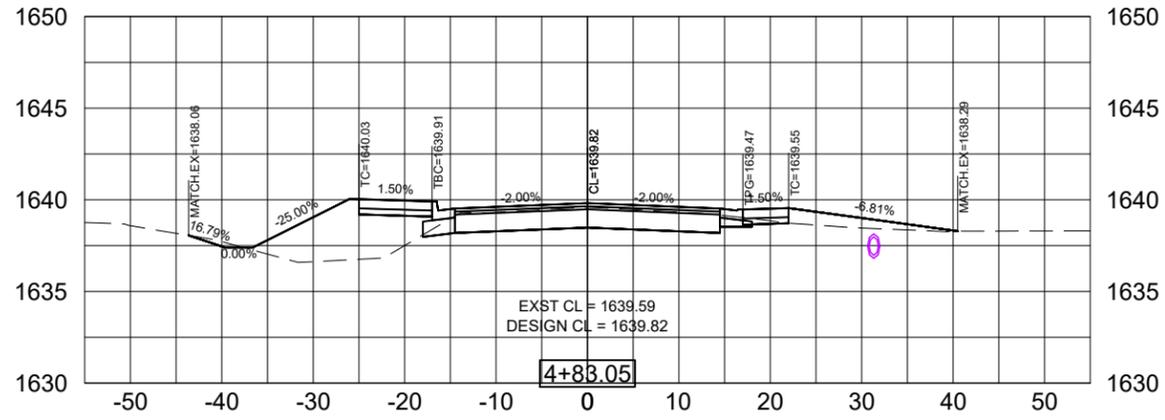
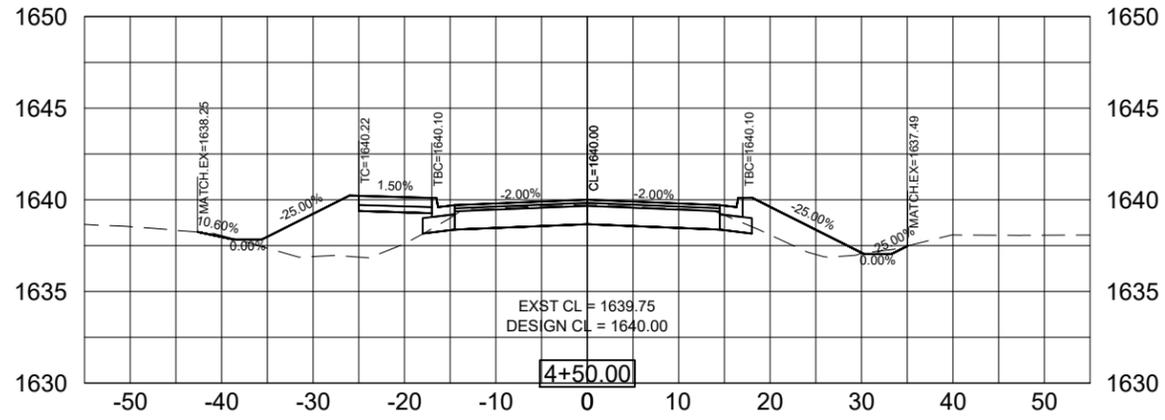
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JOB No.: 23574-00
 DATE: JANUARY, 2024
 ENG / ARCH: PMK
 DESIGNER: PMK
 TECHNICIAN: MRS

SCALE REDUCTION BAR
 1" = 10'

SHEET No.: M-3

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 4+00 TO STA 4+82

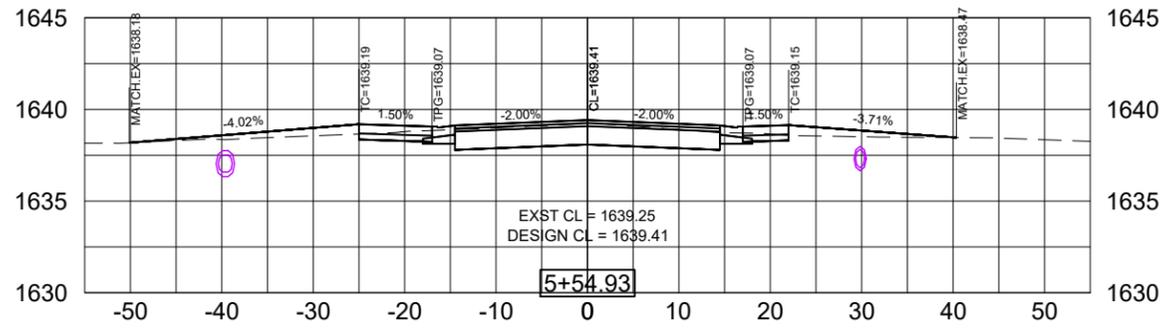
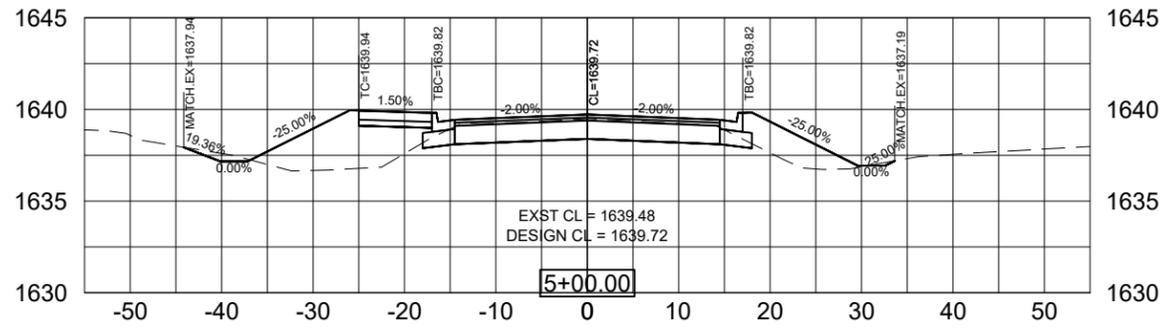
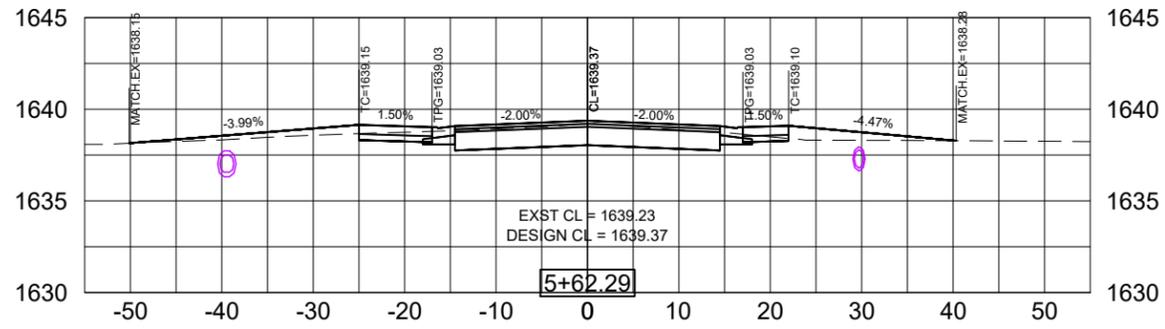
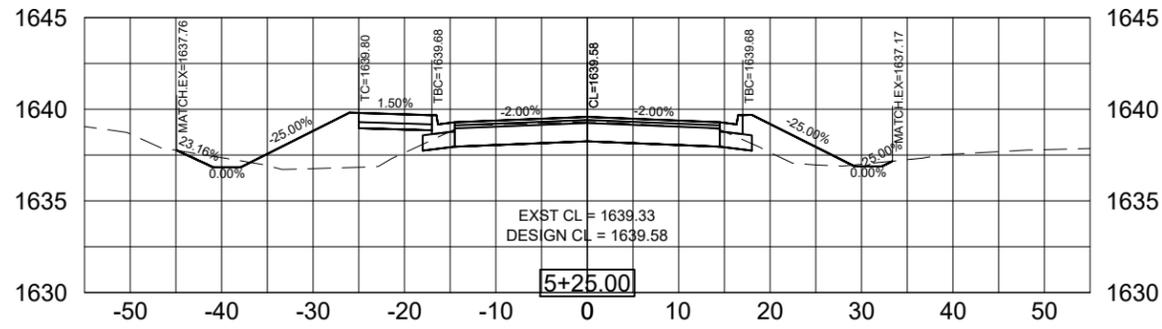
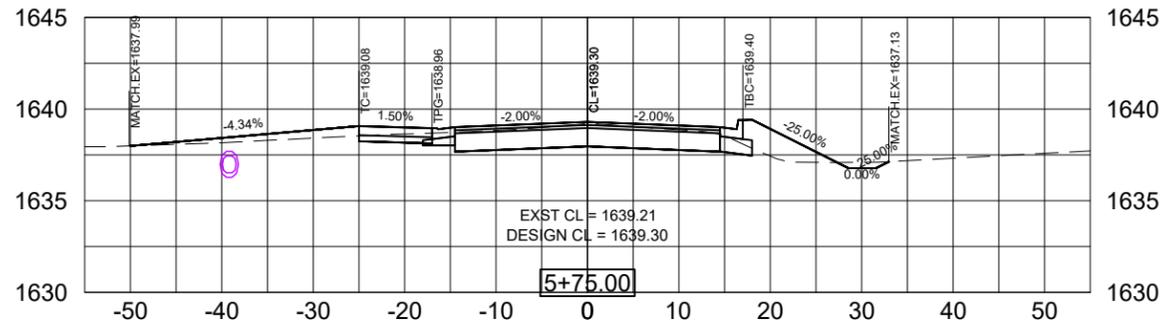
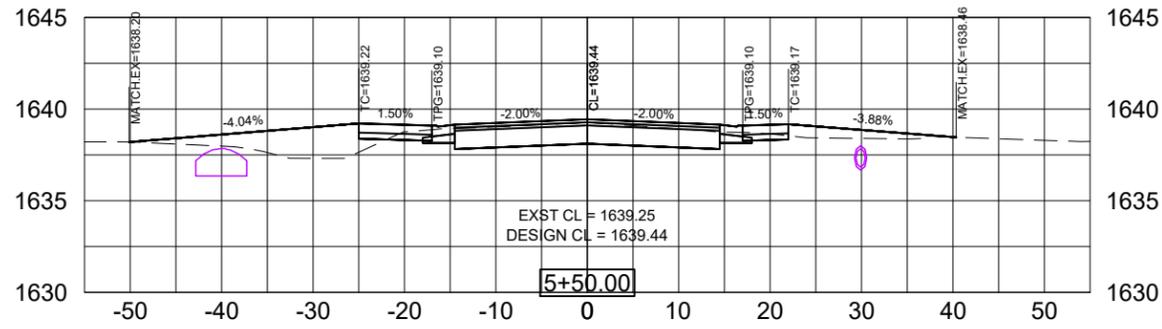
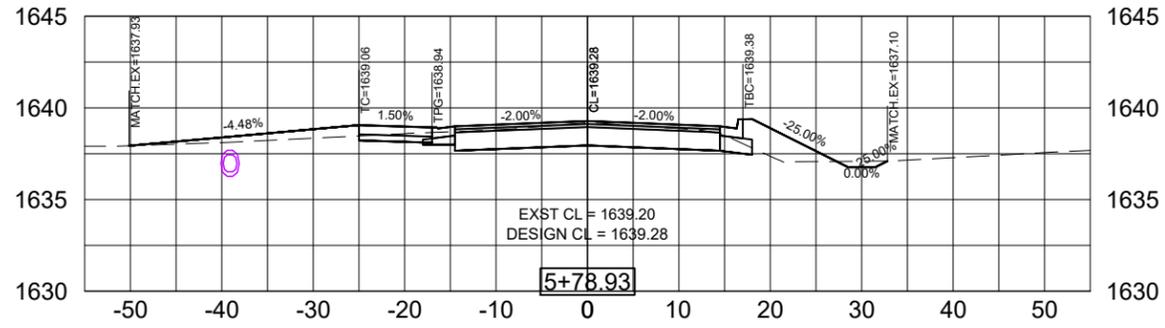
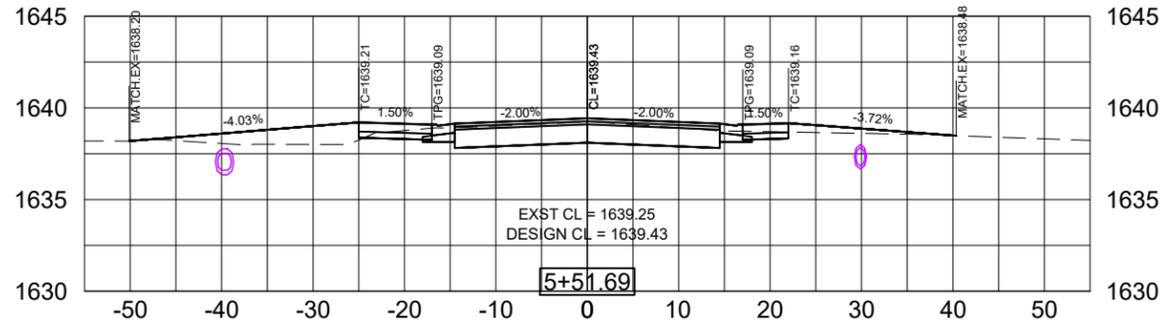
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR
 1" = 12'
 SHEET No. : **M-4**

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PROJECT/SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 5+00 TO STA 5+78
 VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

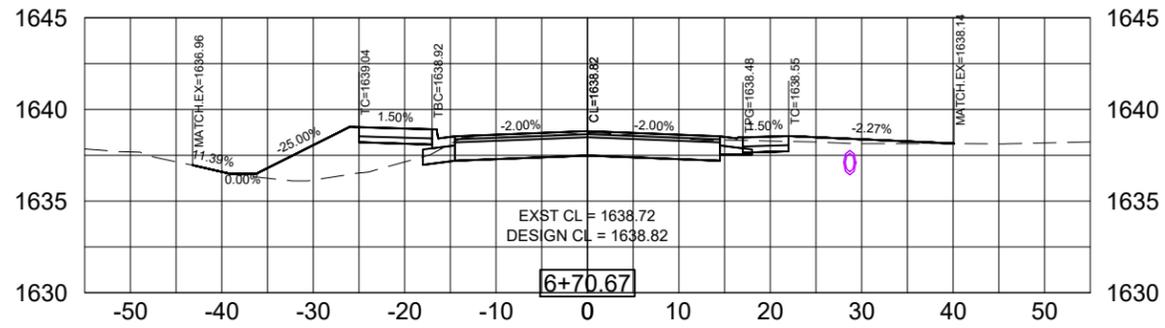
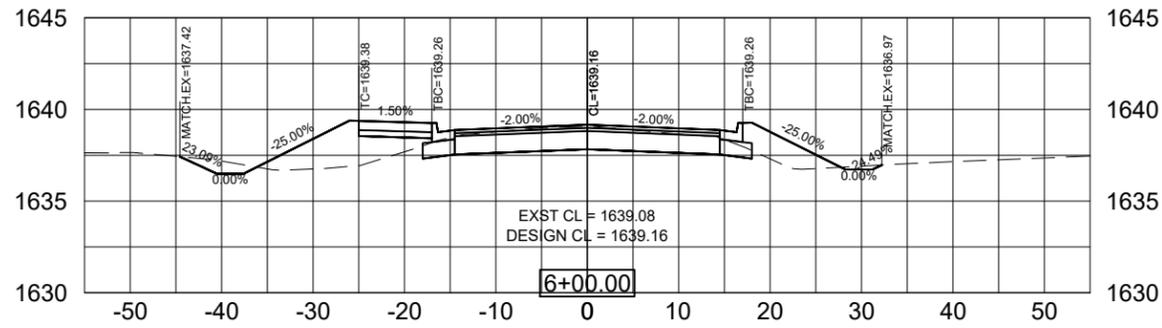
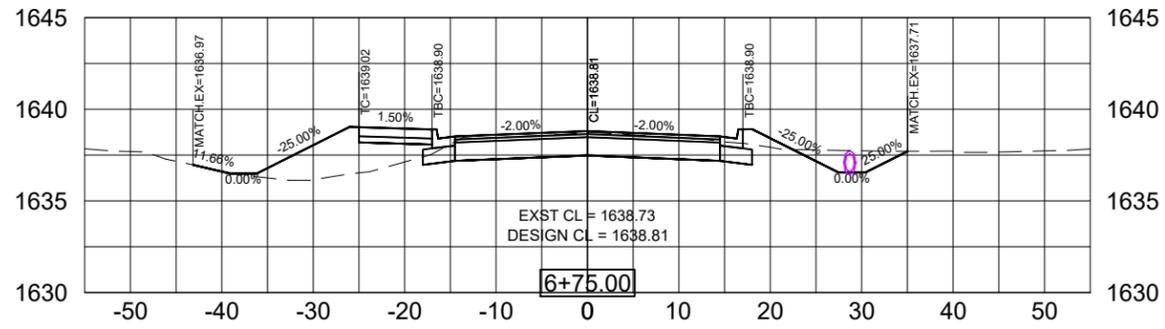
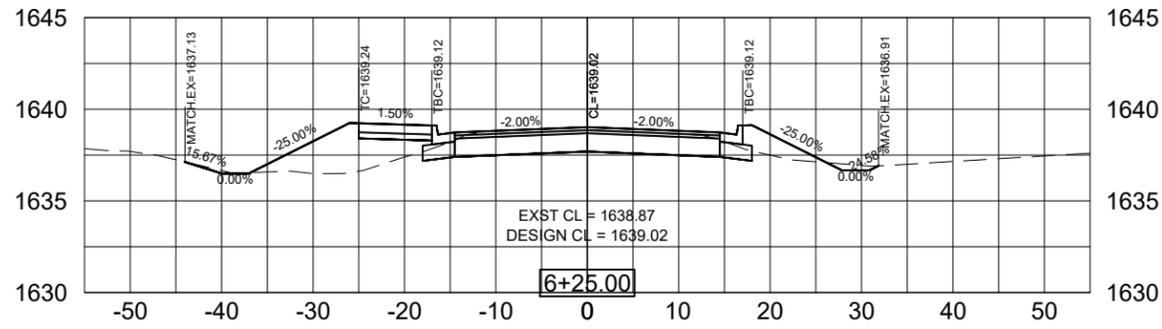
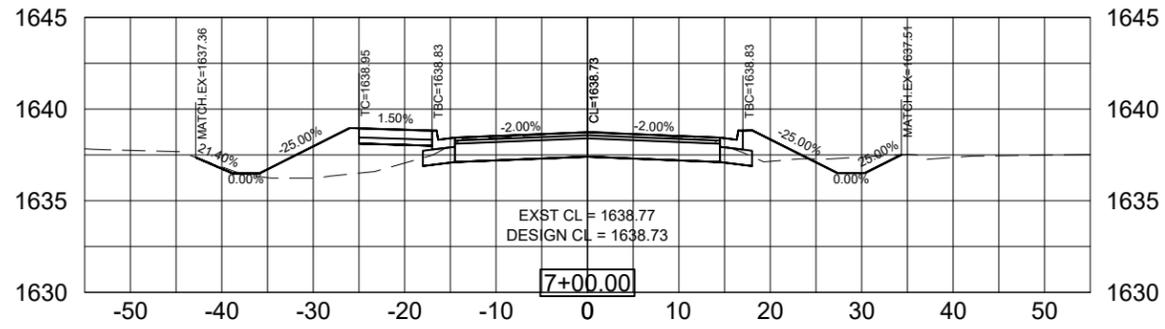
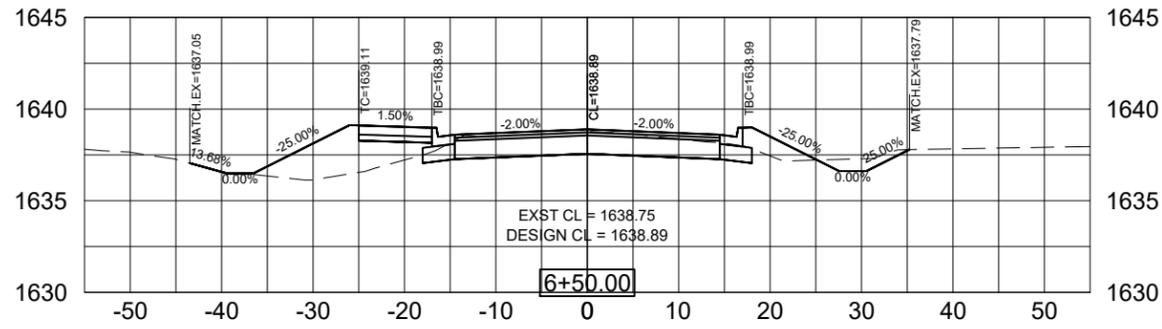
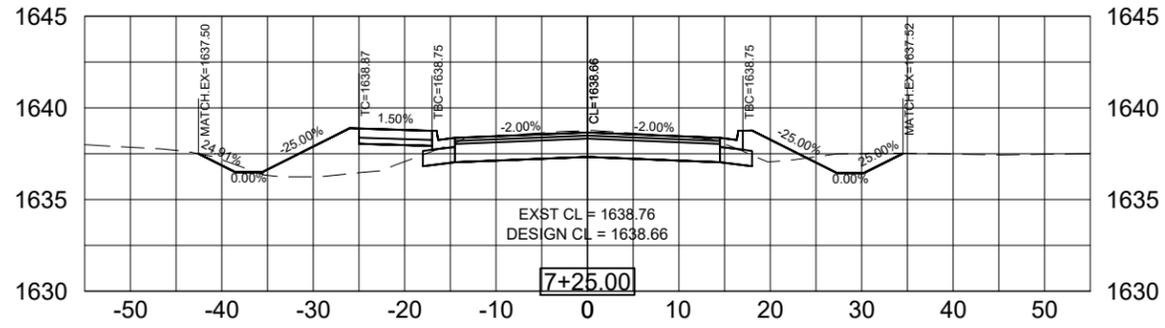
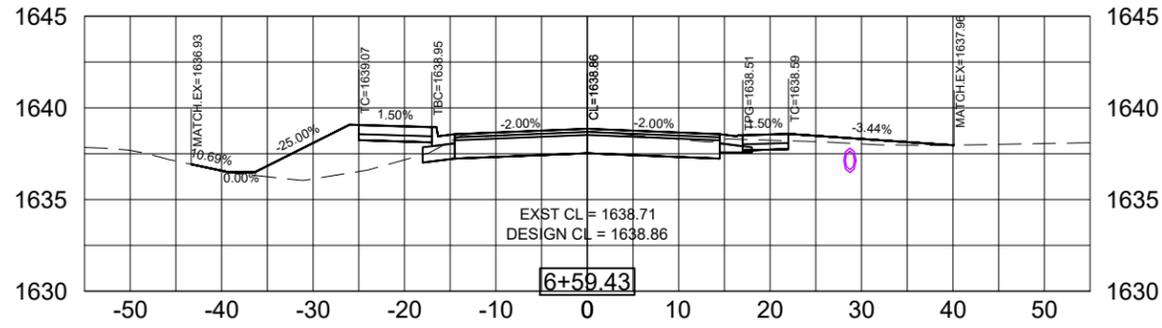
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR: 1" = 12'

SHEET No.: **M-5**

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PROJECT/SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 6+00 TO STA 7+25
 VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

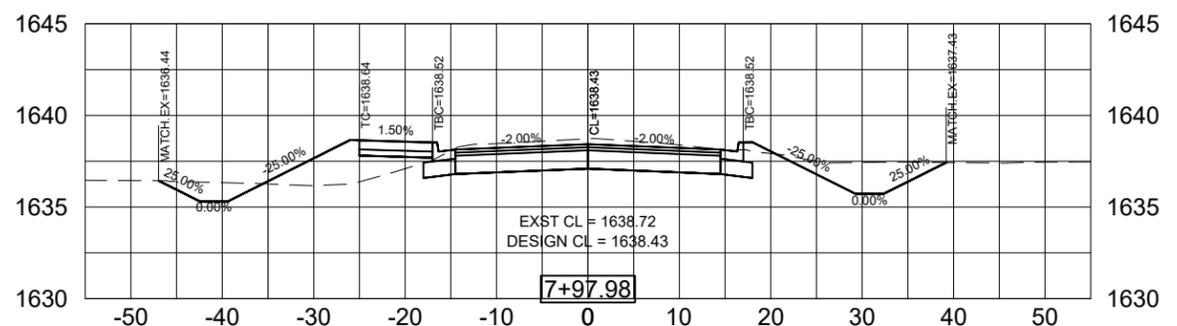
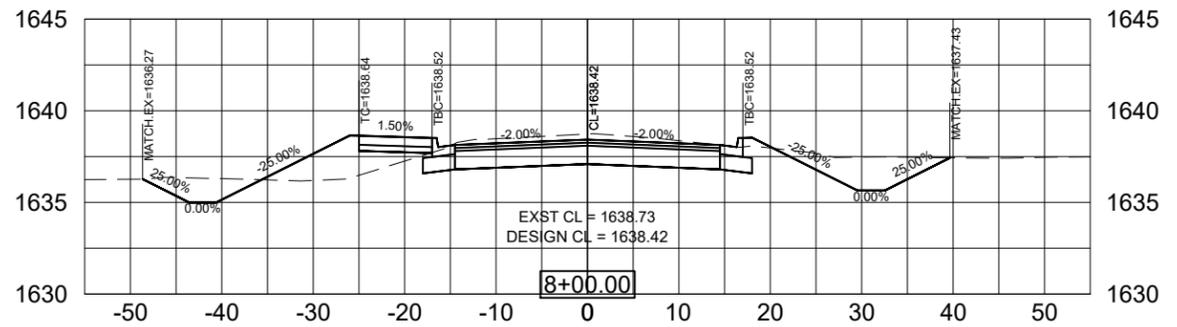
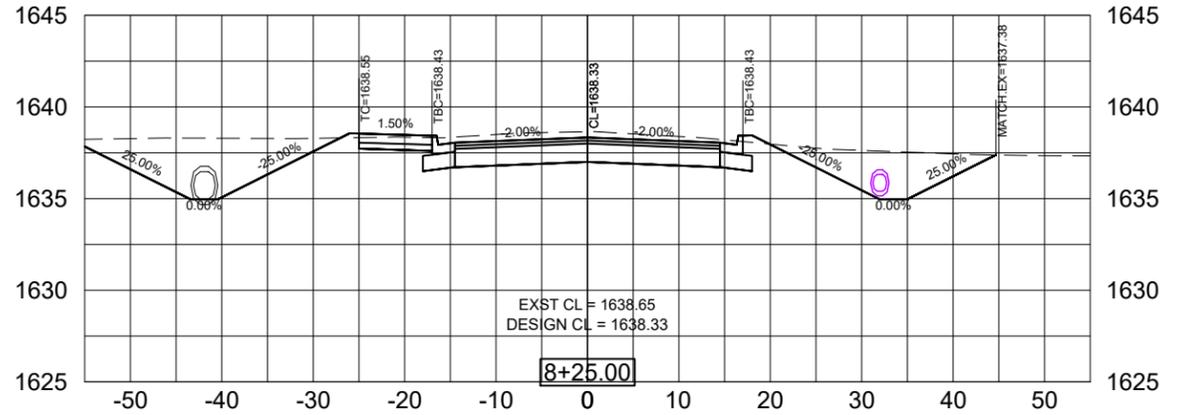
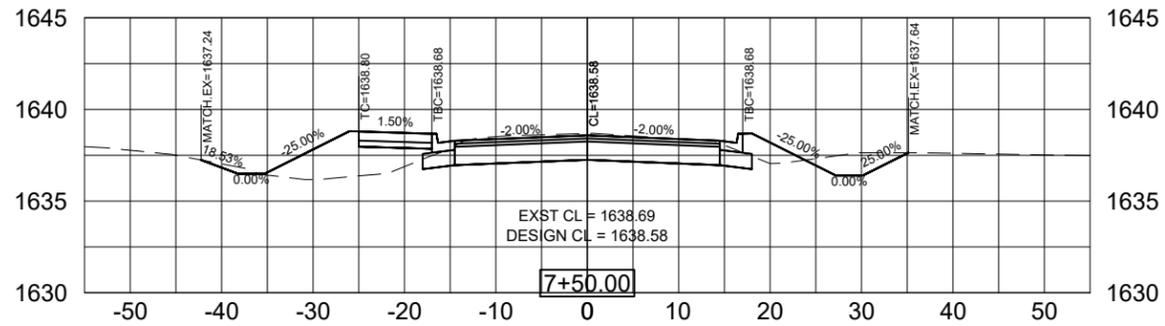
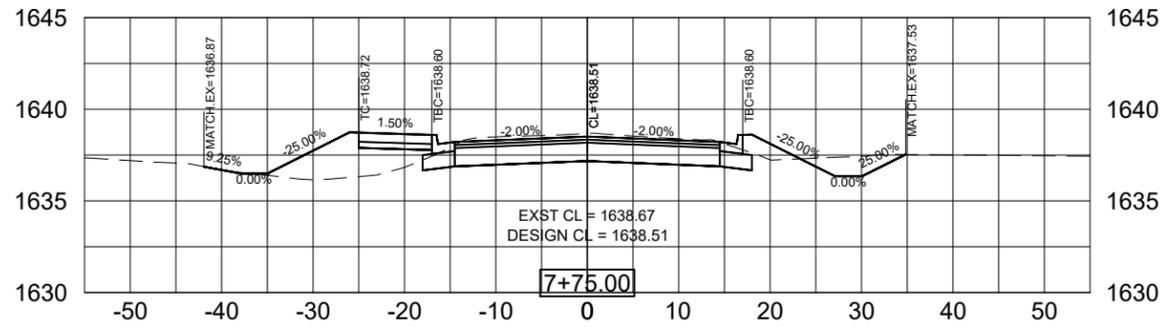
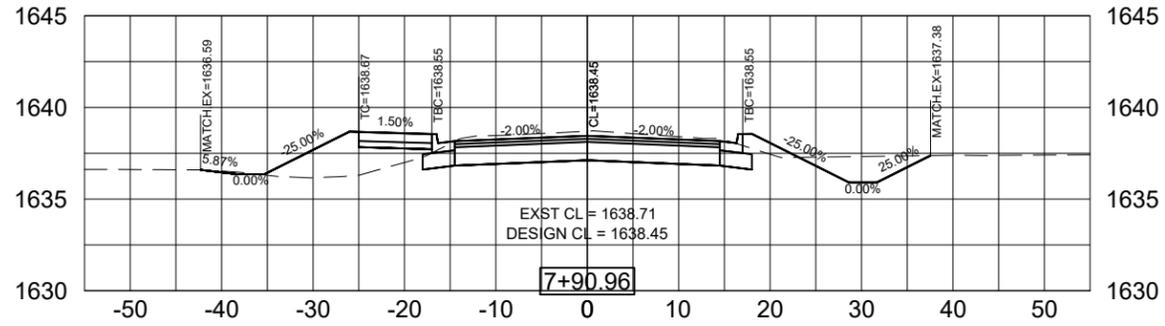
**FOR REVIEW ONLY
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JOB No.: 23574-00
 DATE: JANUARY, 2024
 ENG / ARCH: PMK
 DESIGNER: PMK
 TECHNICIAN: MRS

SCALE REDUCTION BAR
 0 1/2" 1"

SHEET No.: M-6

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 7+50 TO STA 8+50
 VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

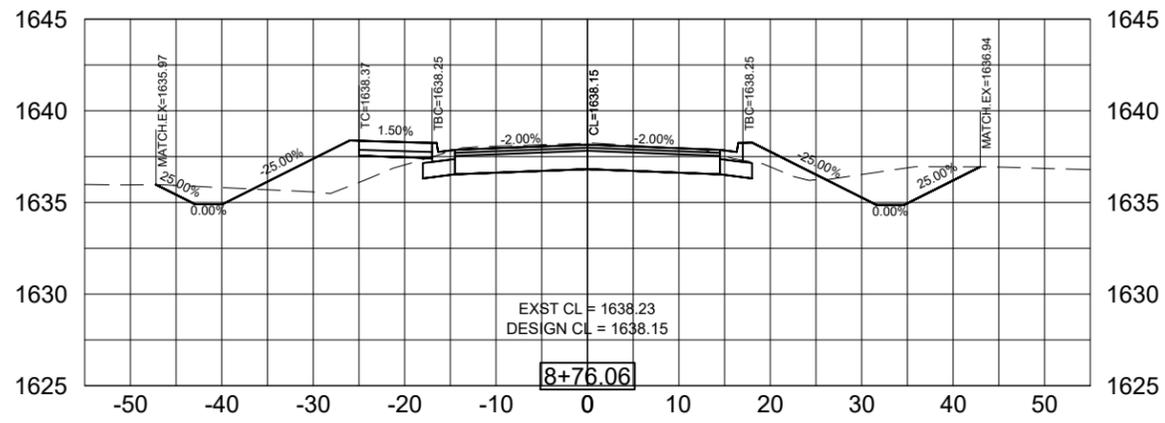
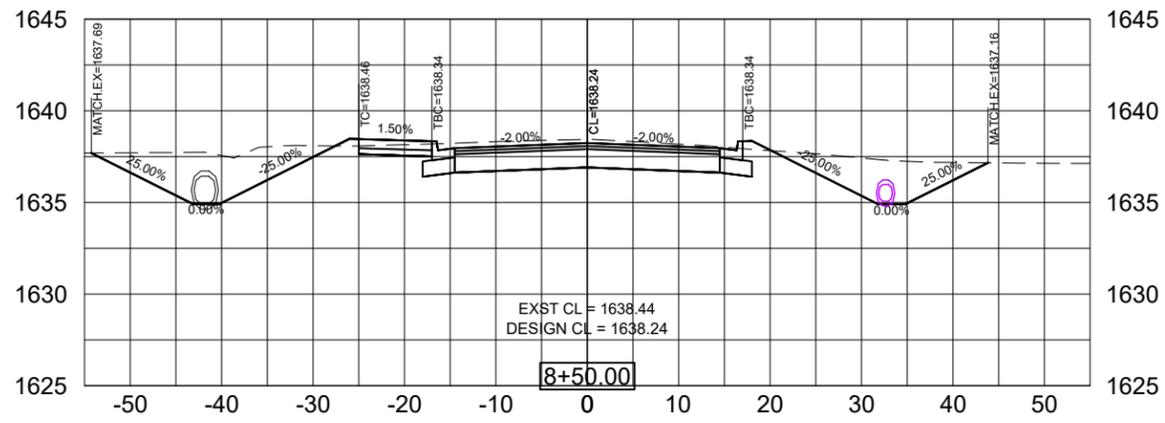
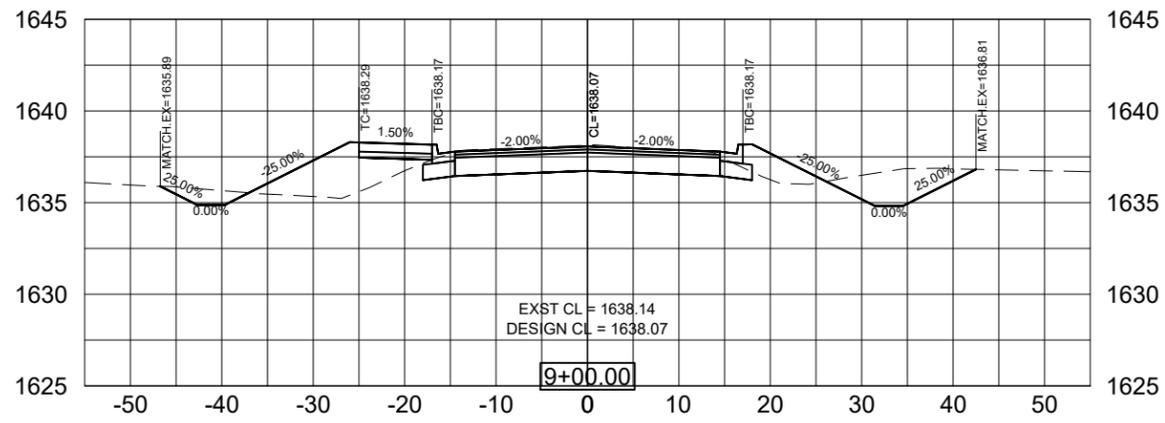
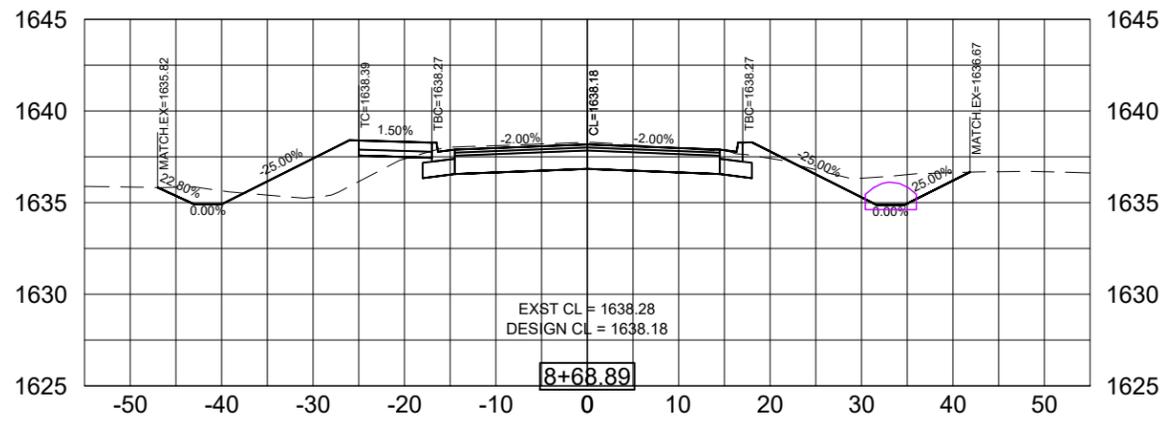
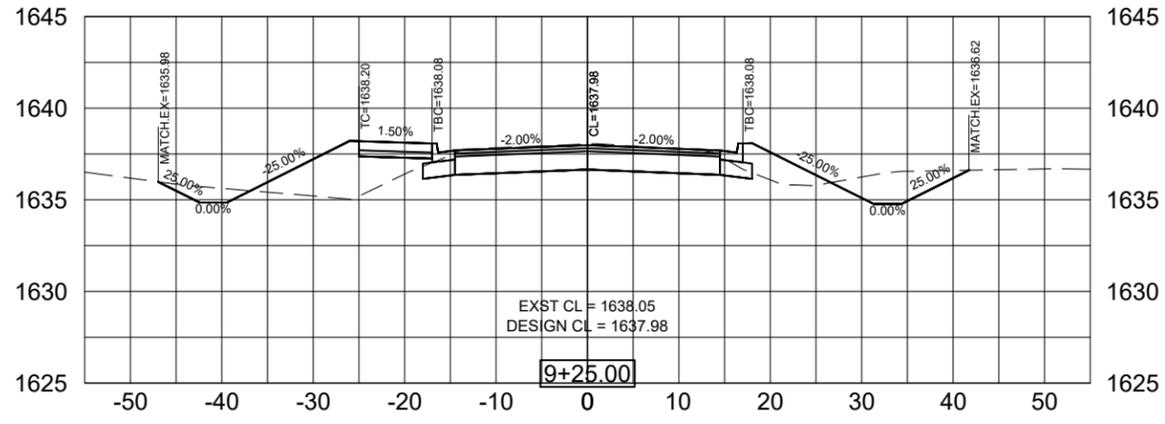
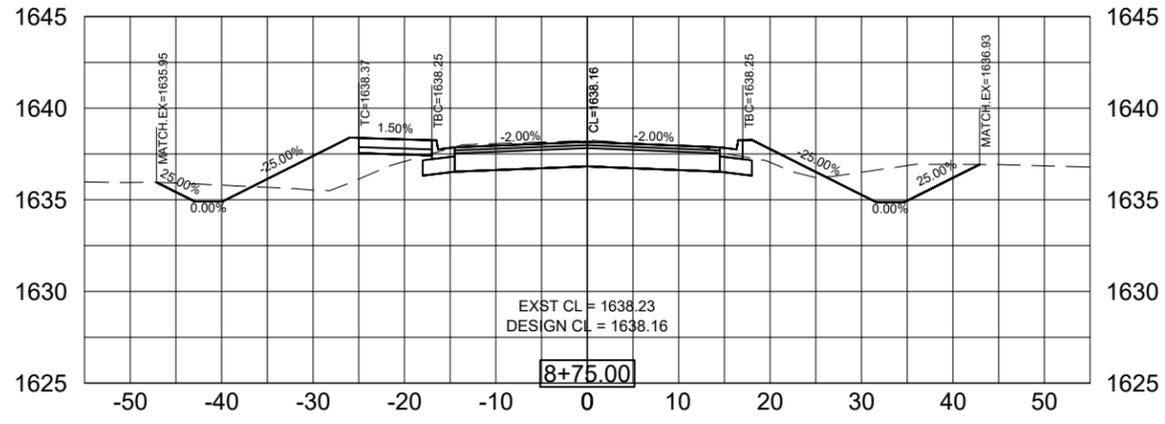
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS



SHEET No.: M-7

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 8+75 TO STA 9+75

REV.	DATE	DESCRIPTION

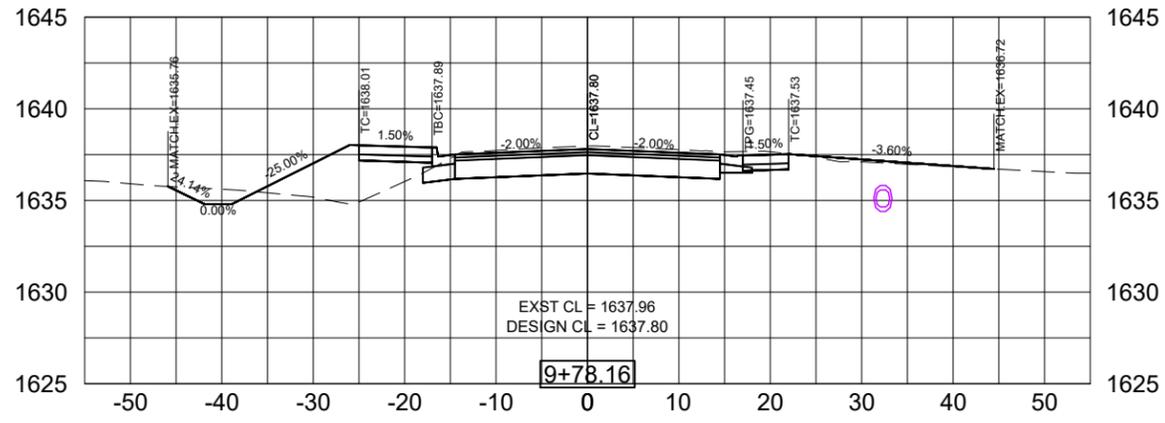
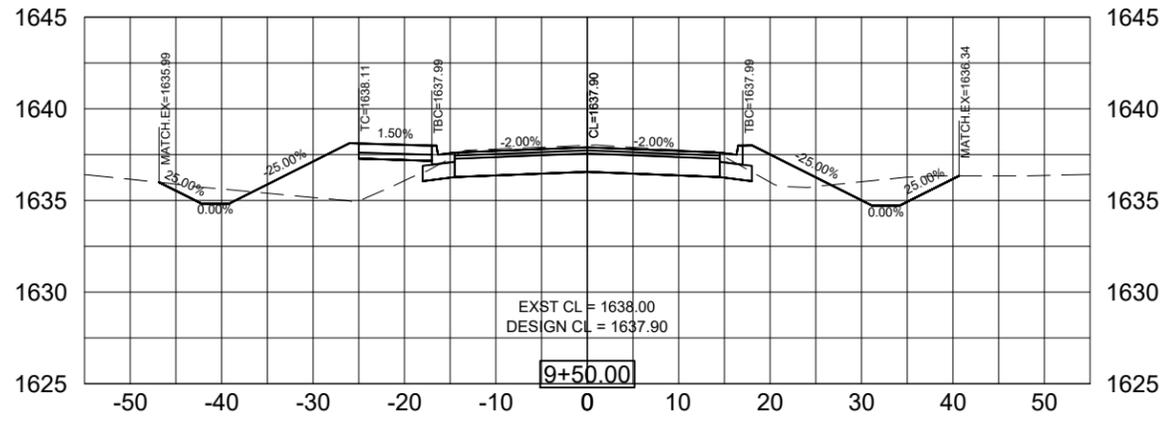
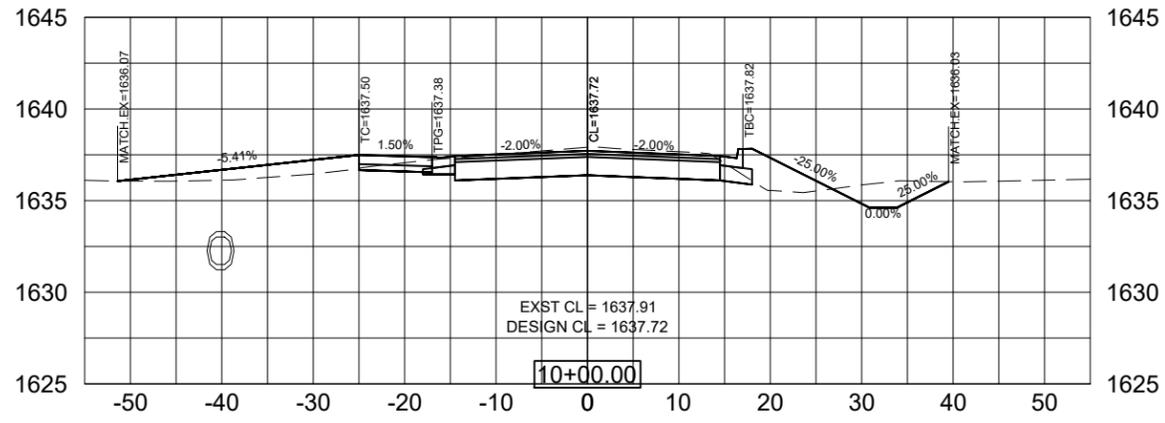
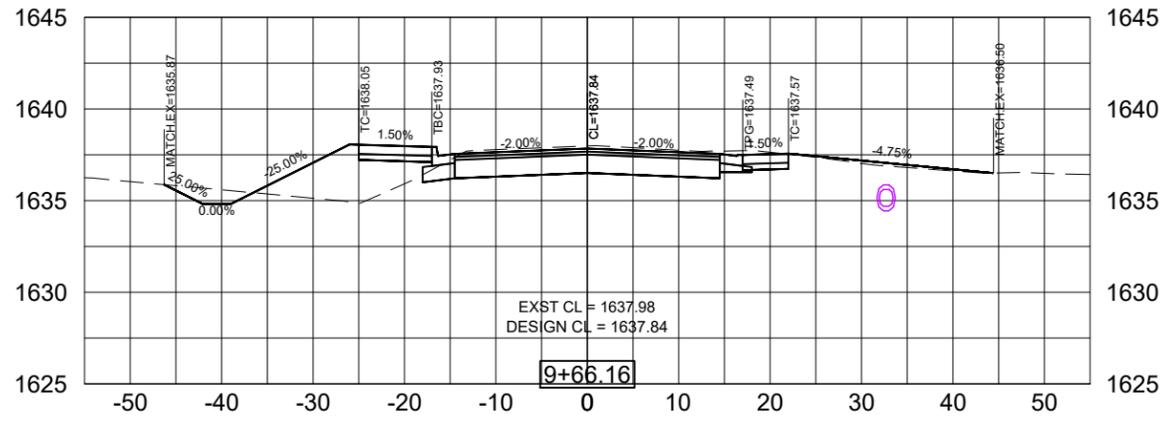
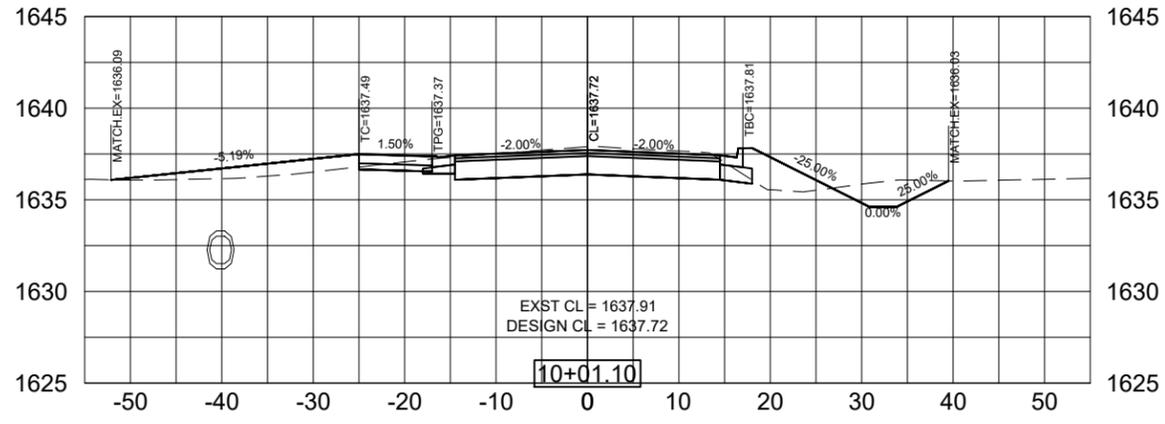
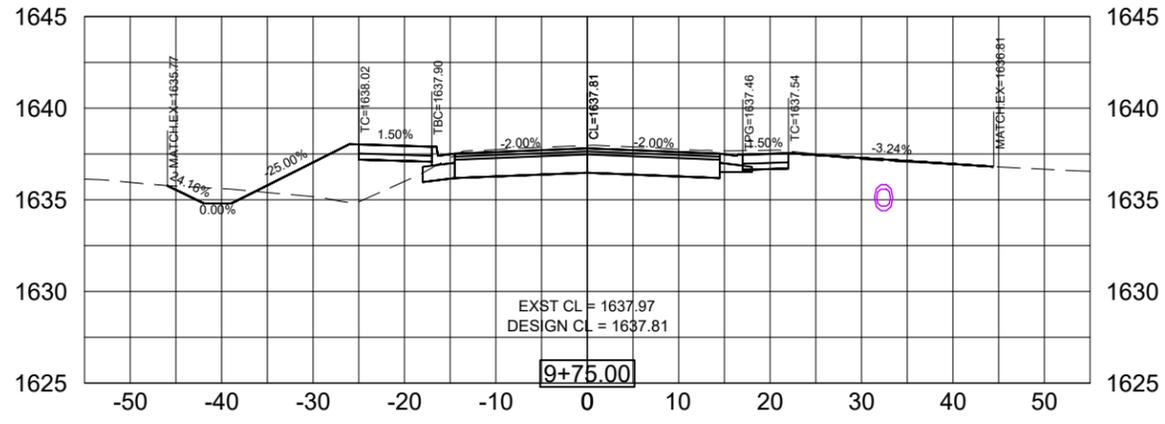
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR: 0 1/2" 1"

SHEET No.: M-8

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PROJECT / SHEET TITLE:

VOLGA - SAMARA AVE IMPROVEMENTS

SAMARA AVE CROSS SECTION - STA 9+76 TO STA 10+50

REV.	DATE	DESCRIPTION

FOR REVIEW ONLY

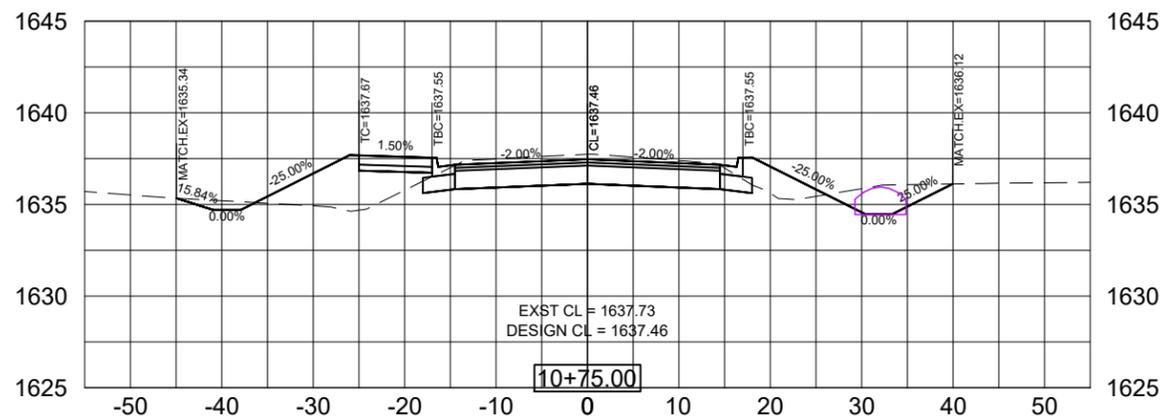
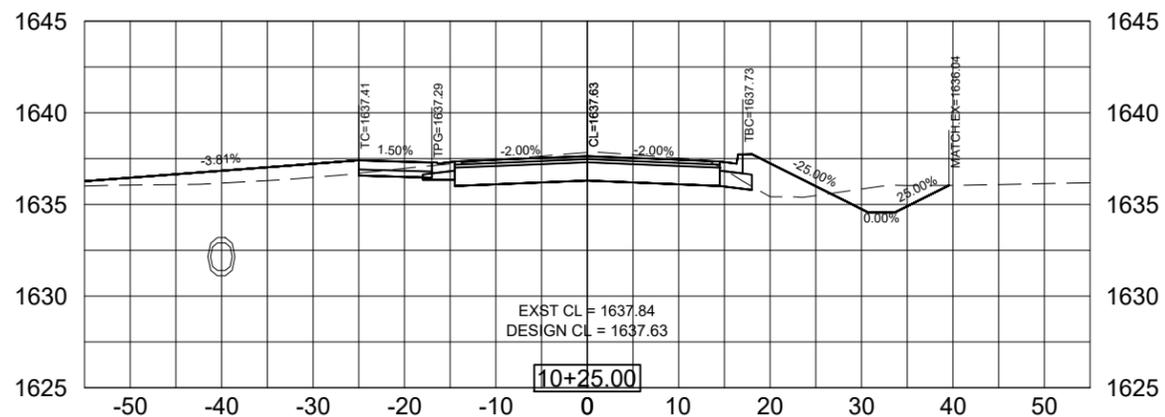
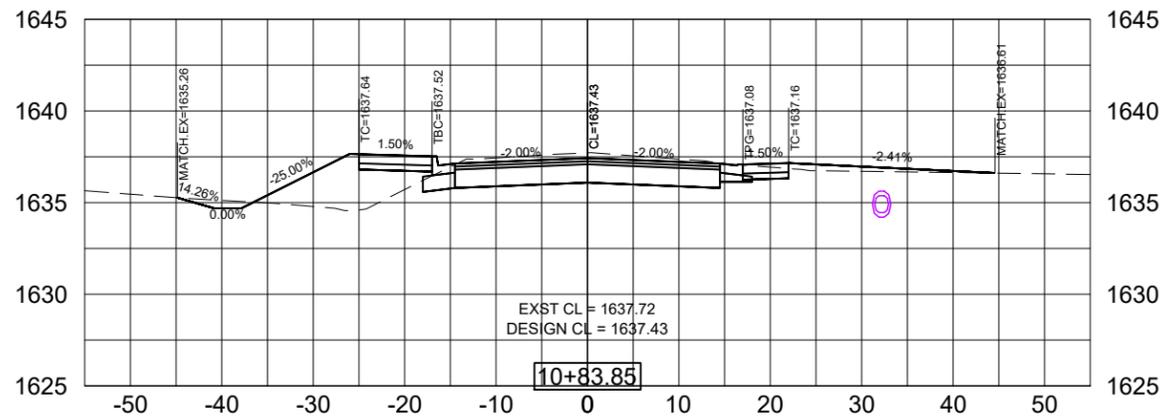
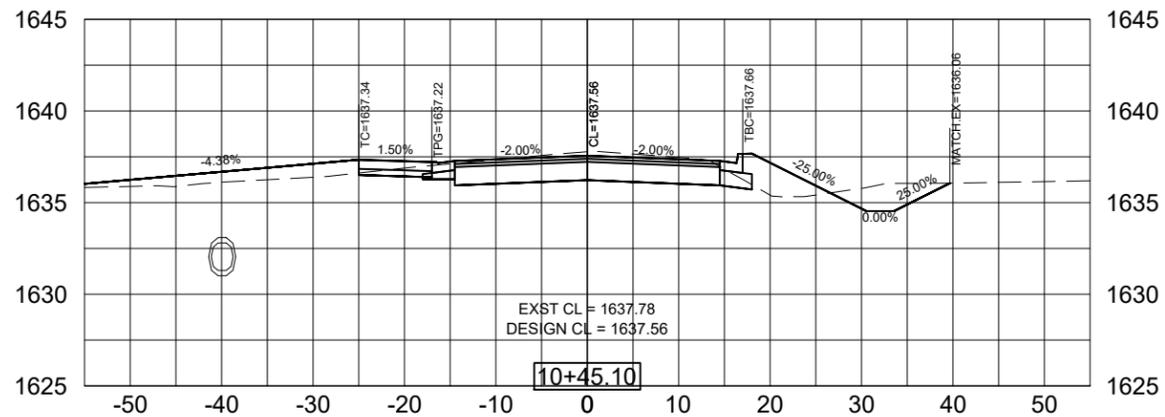
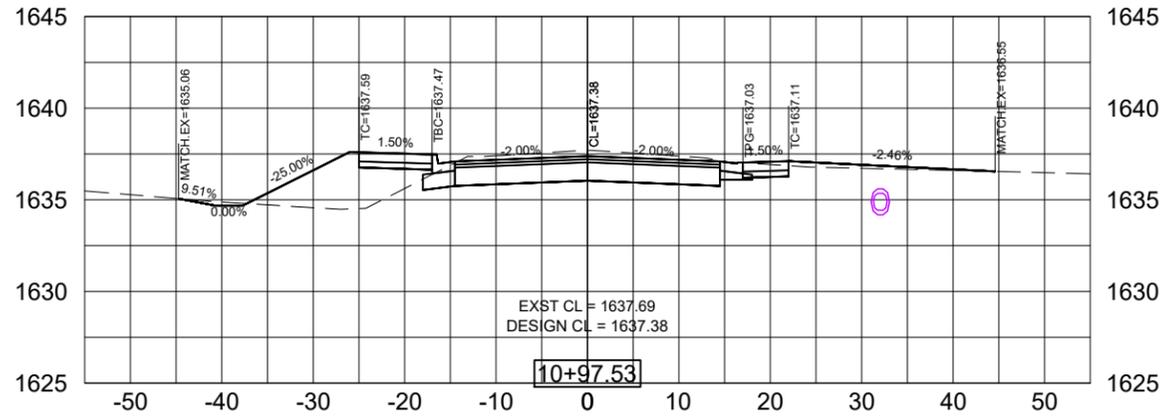
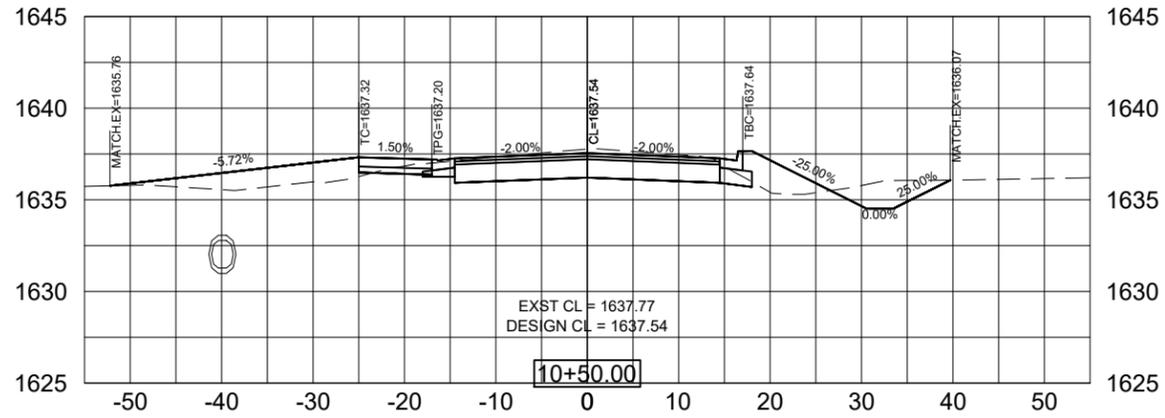
NOT FOR CONSTRUCTION

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR

SHEET No. : **M-9**

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE CROSS SECTION - STA 10+75 TO STA 11+50

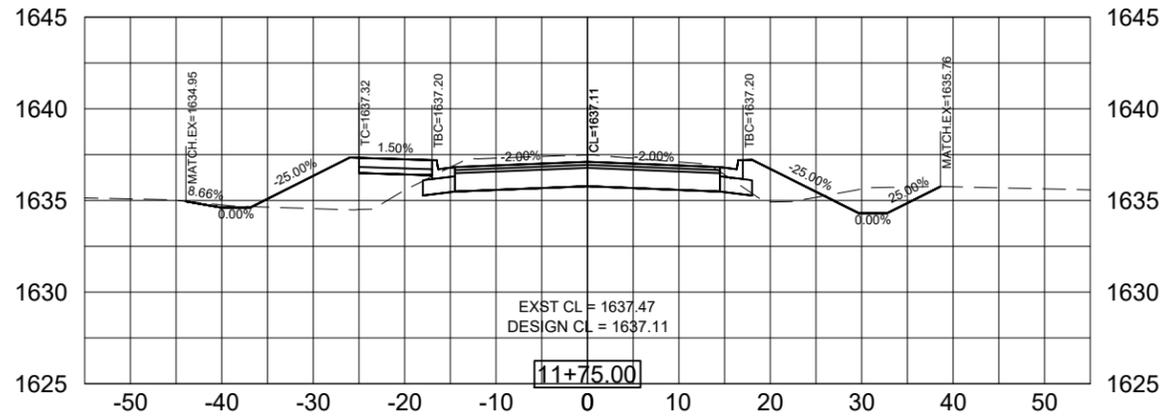
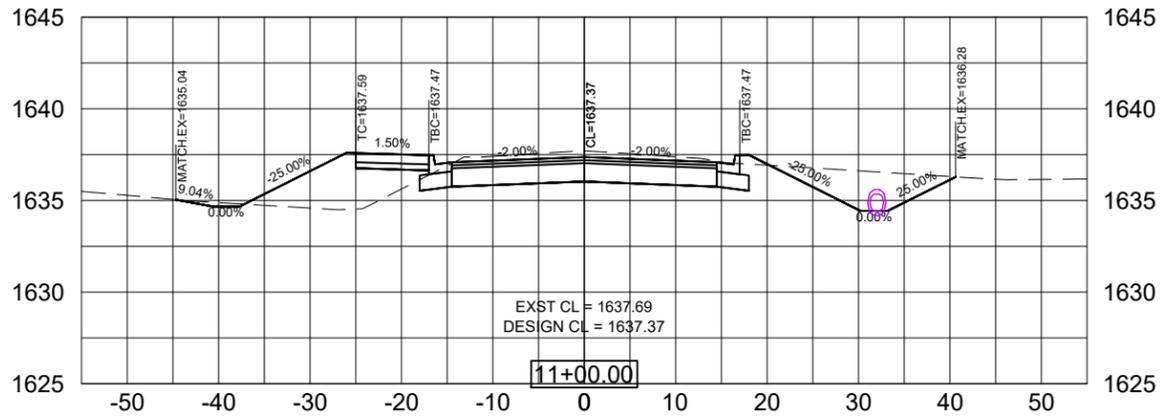
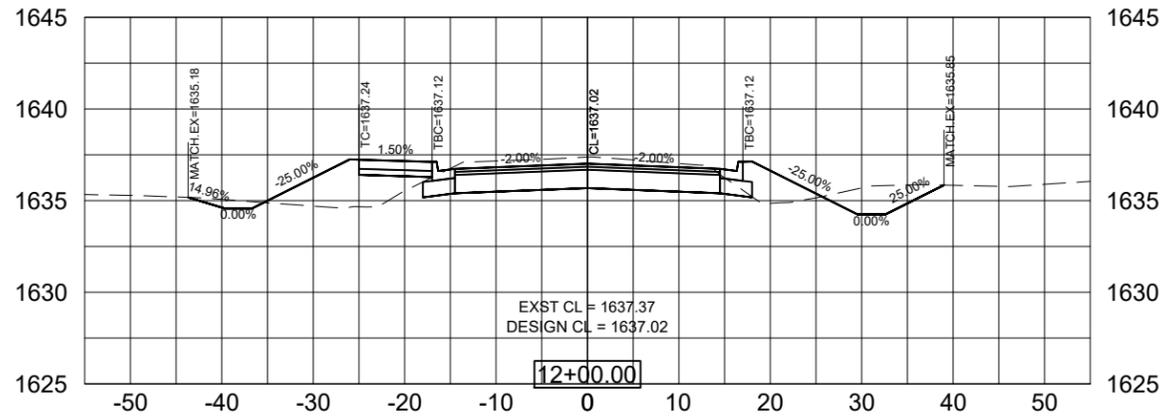
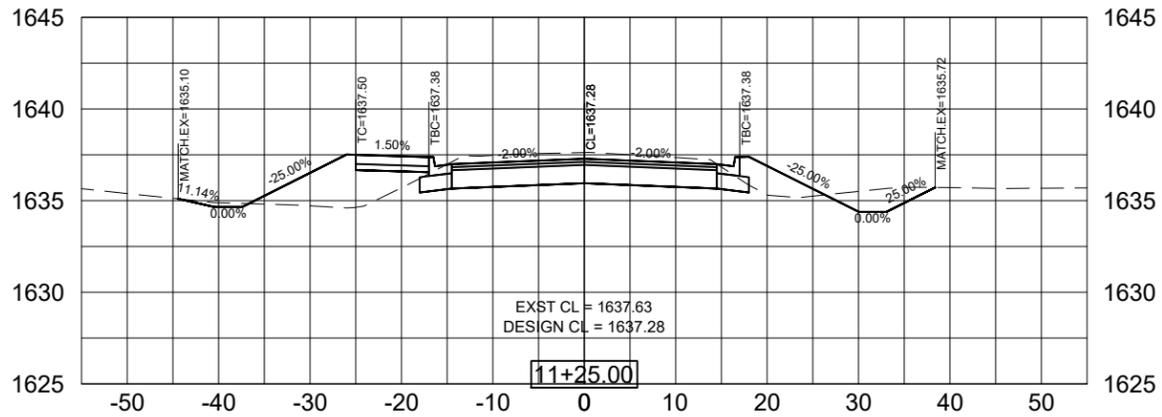
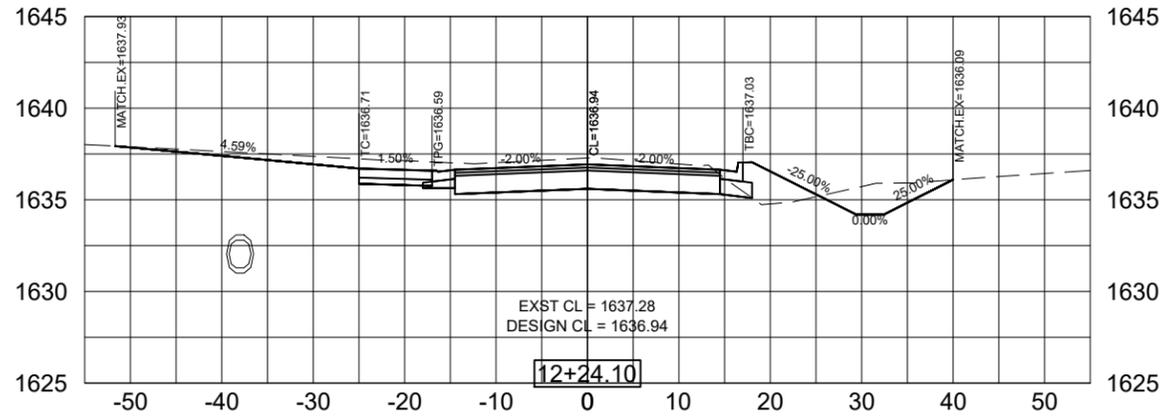
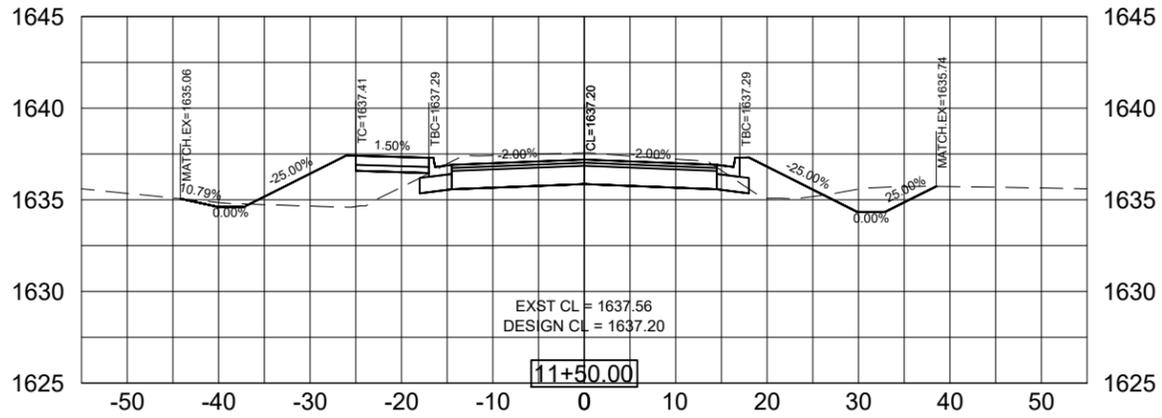
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**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SHEET No.: M-10

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 11+75 TO STA 12+75

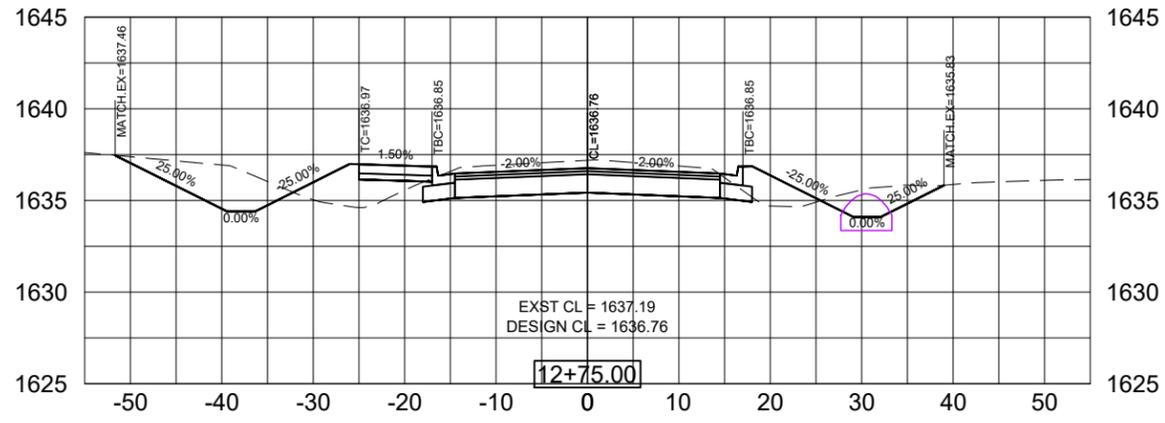
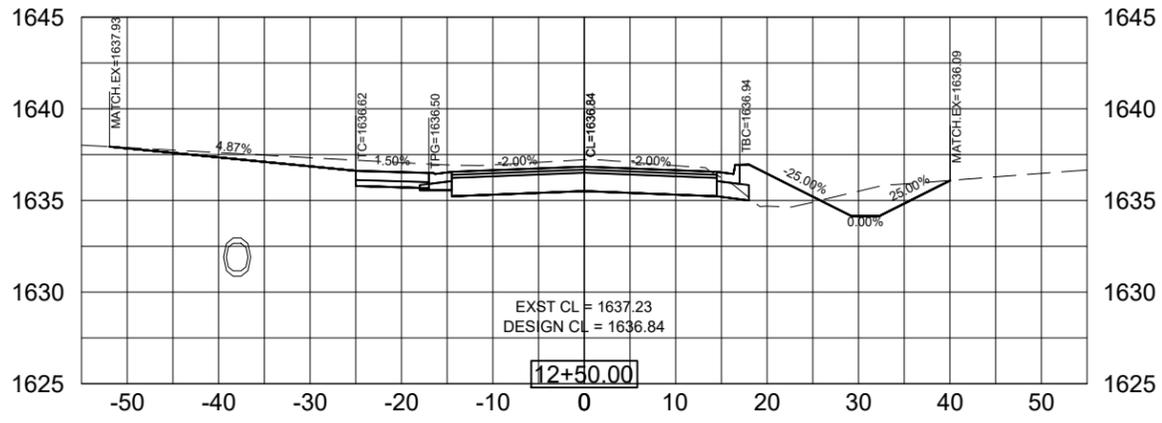
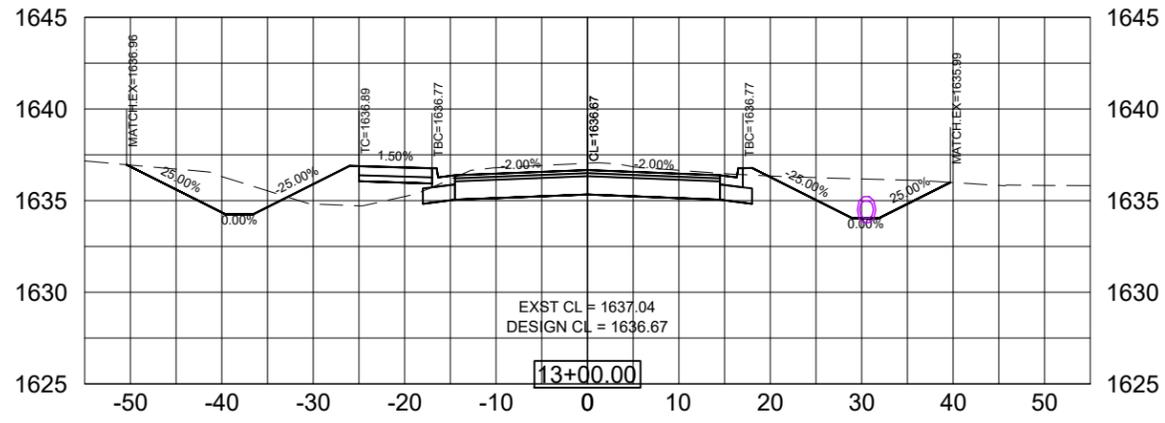
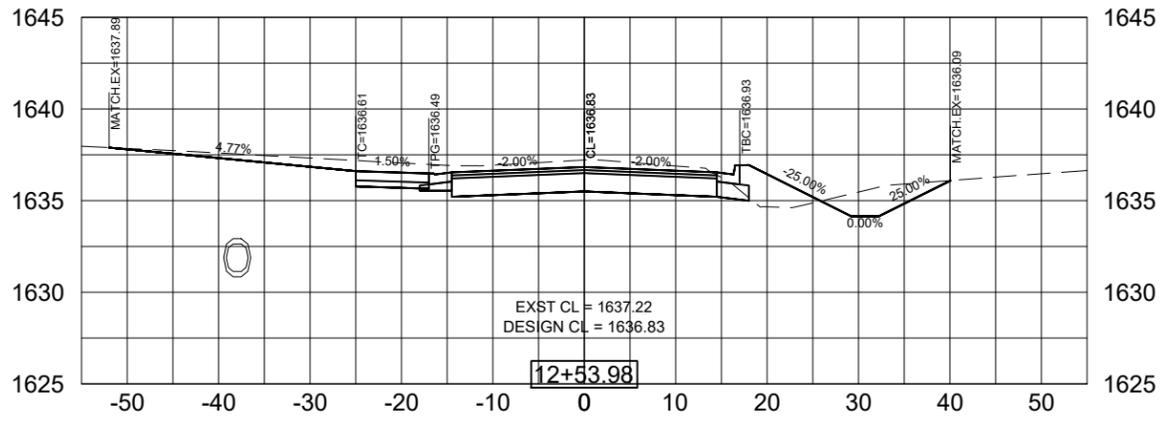
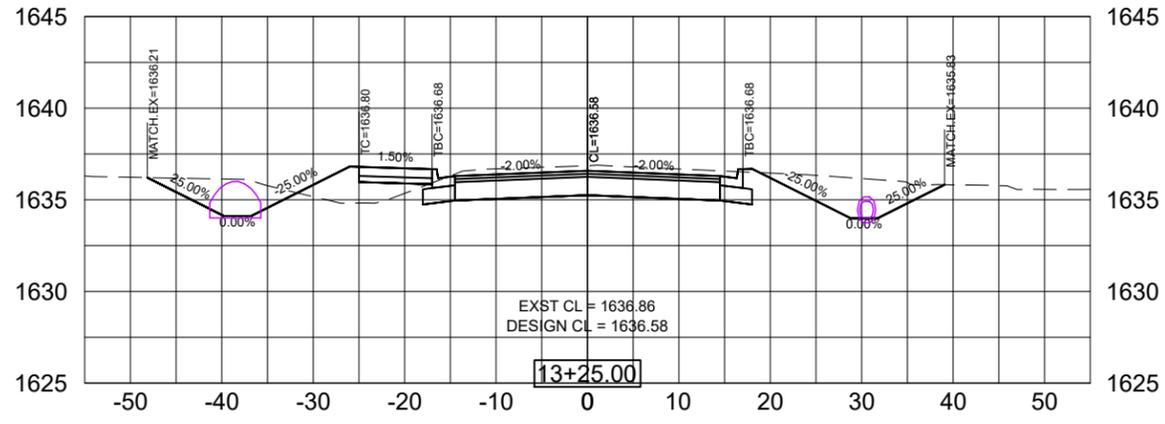
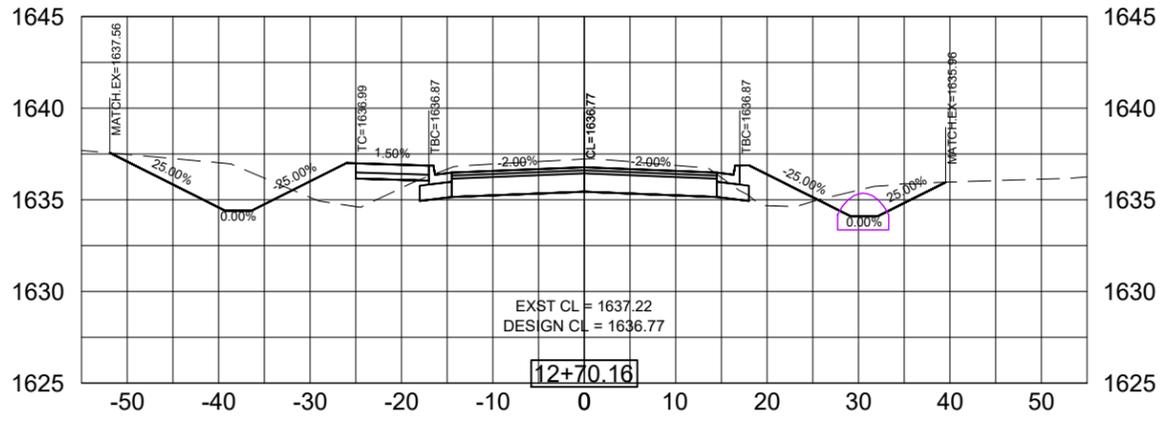
REV.	DATE	DESCRIPTION

**FOR REVIEW ONLY
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR
 1" = 12'
 SHEET No.: **M-11**

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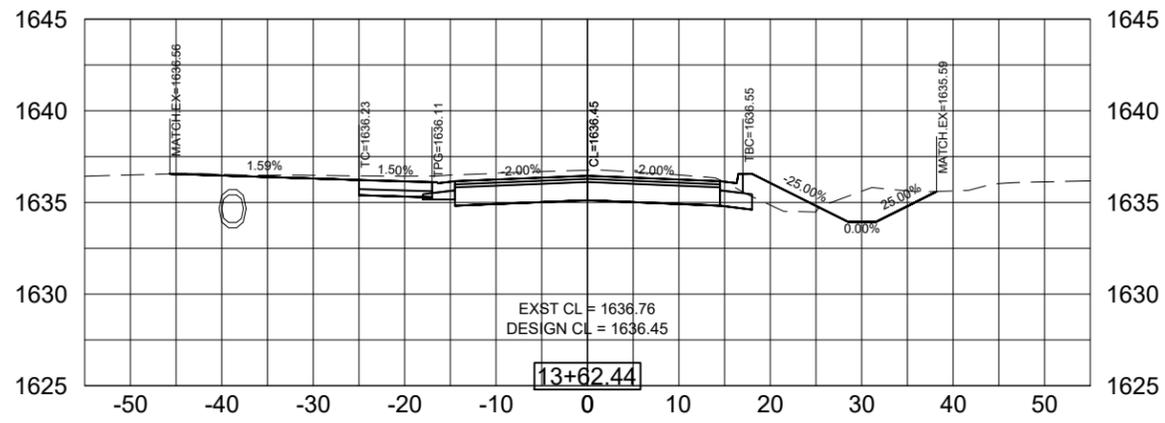
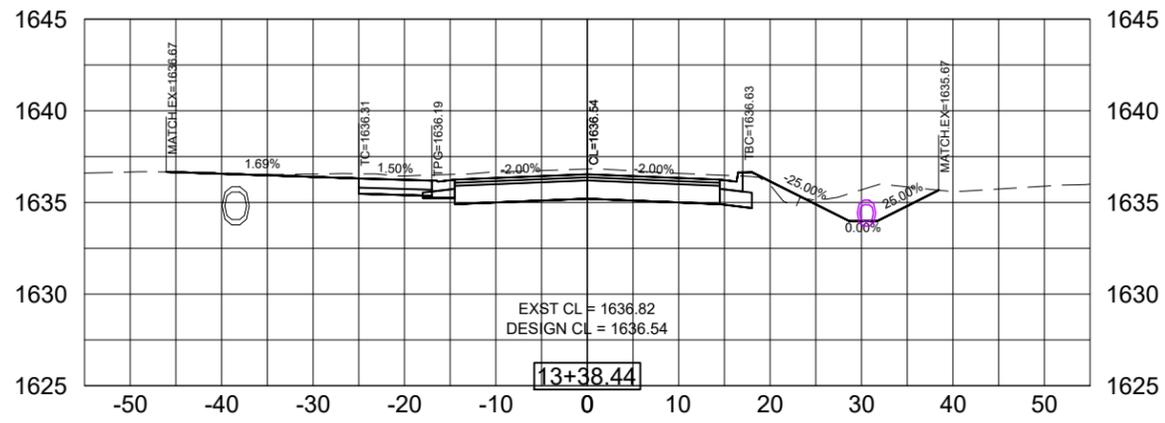
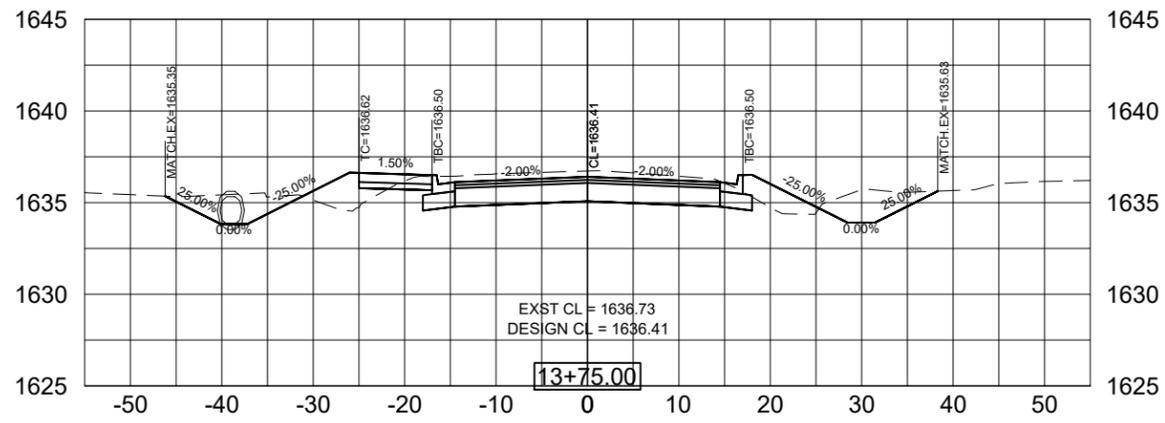
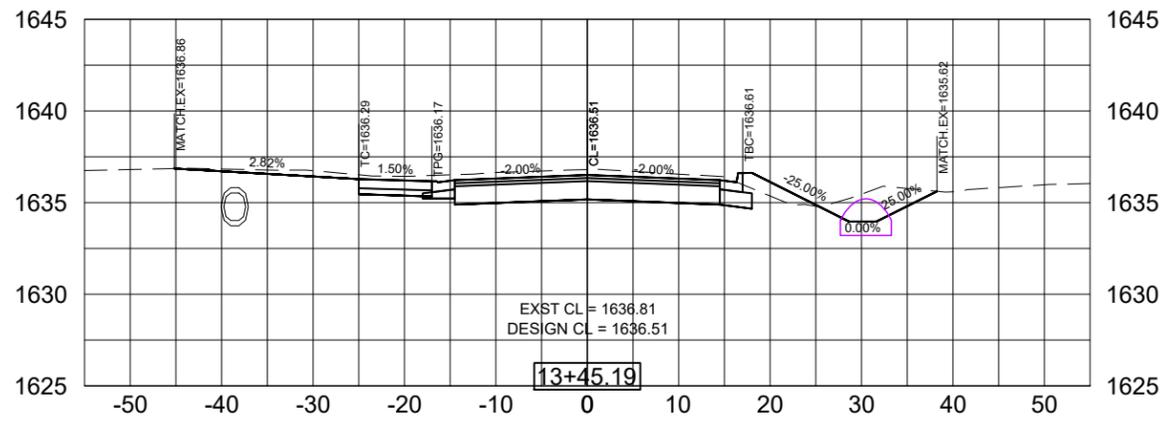
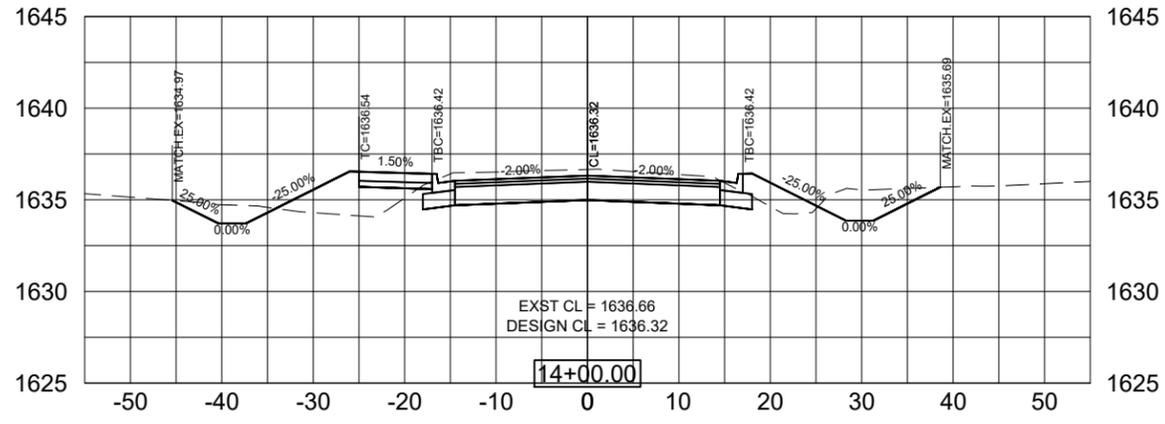
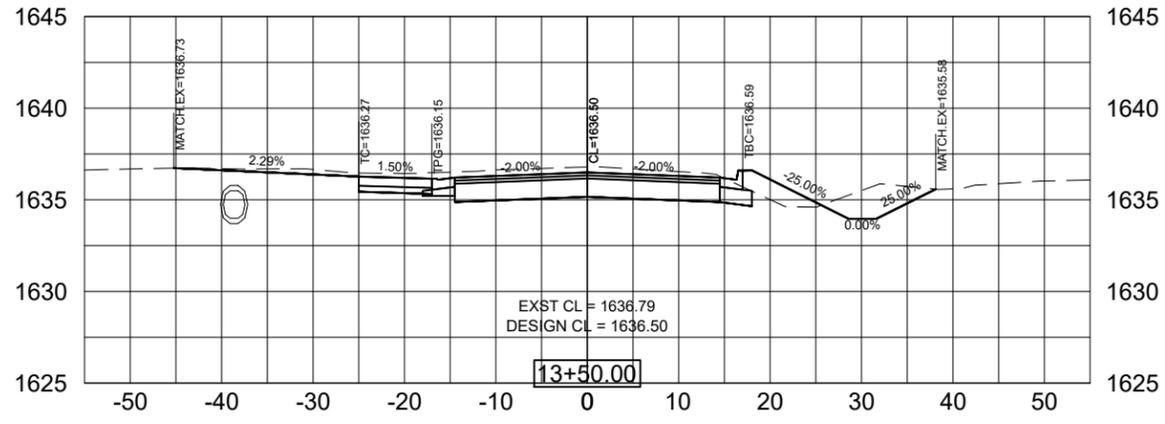
PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 13+00 TO STA 13+58

REV.	DATE	DESCRIPTION

**FOR REVIEW ONLY
 NOT FOR CONSTRUCTION**

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 13+75 TO STA 14+58

REV.	DATE	DESCRIPTION

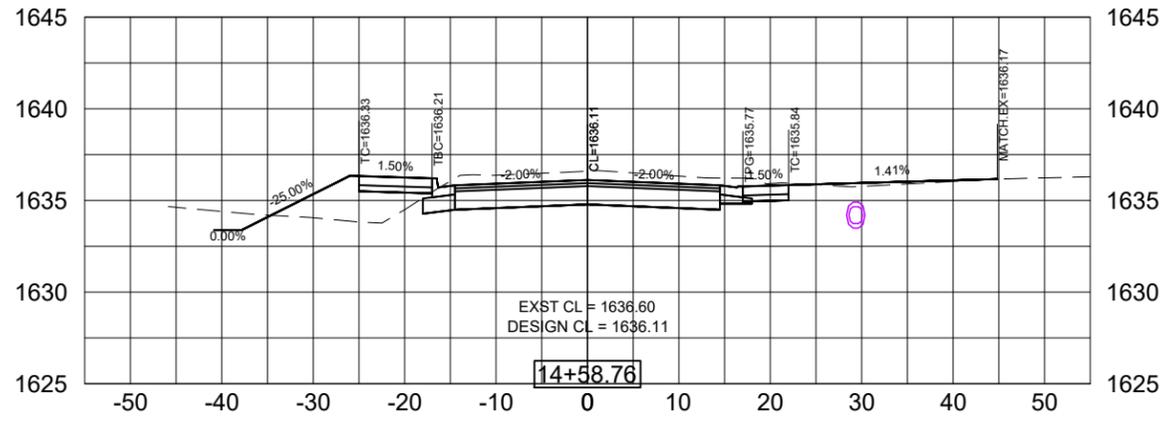
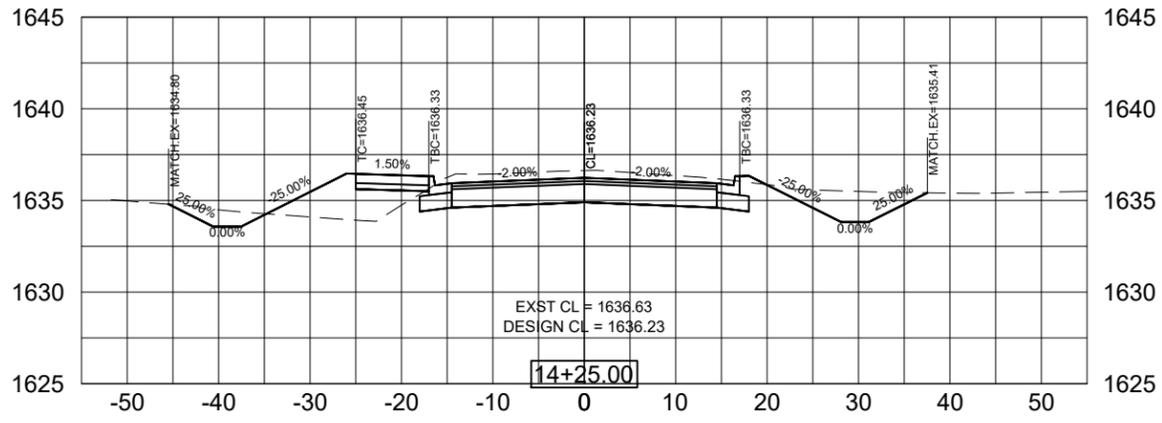
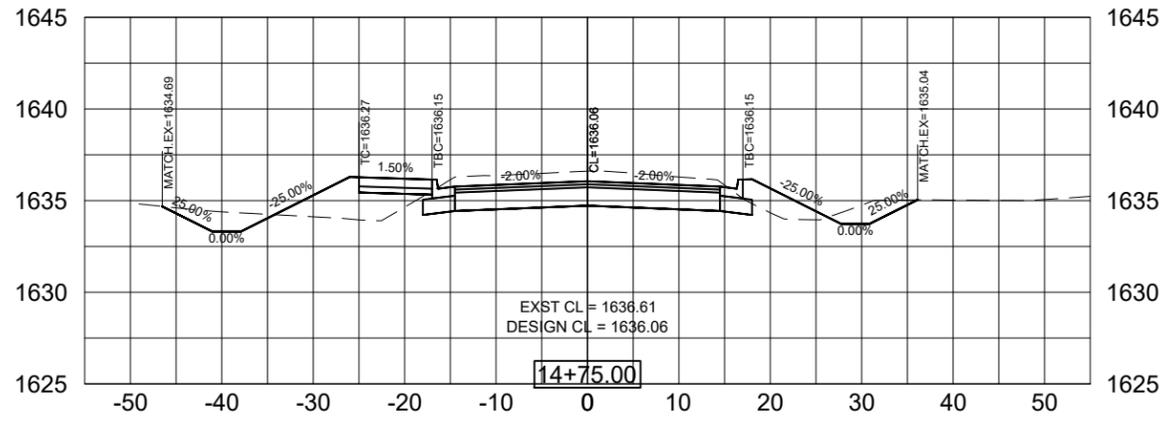
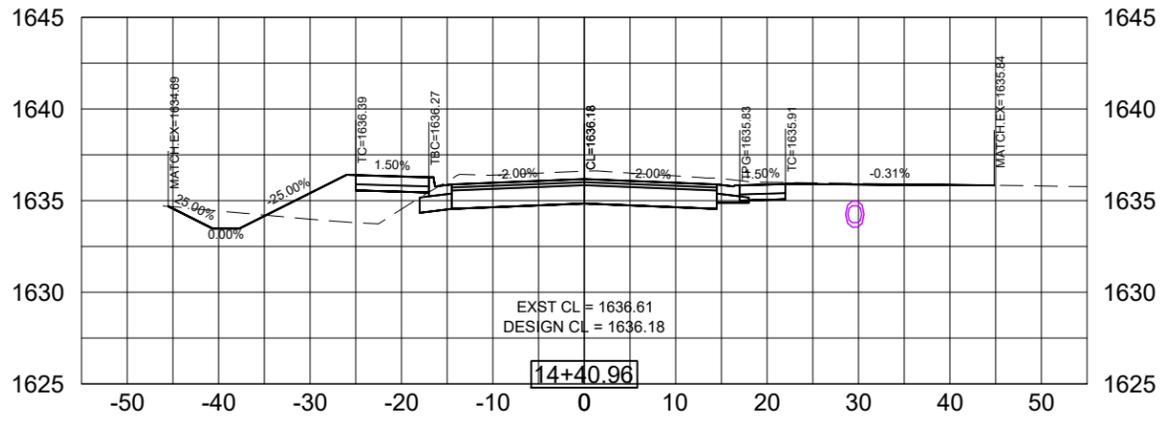
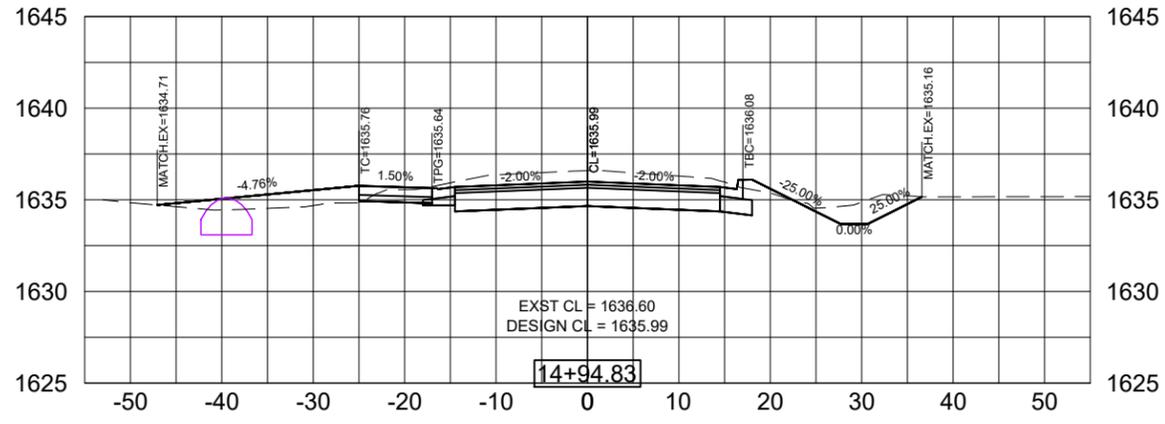
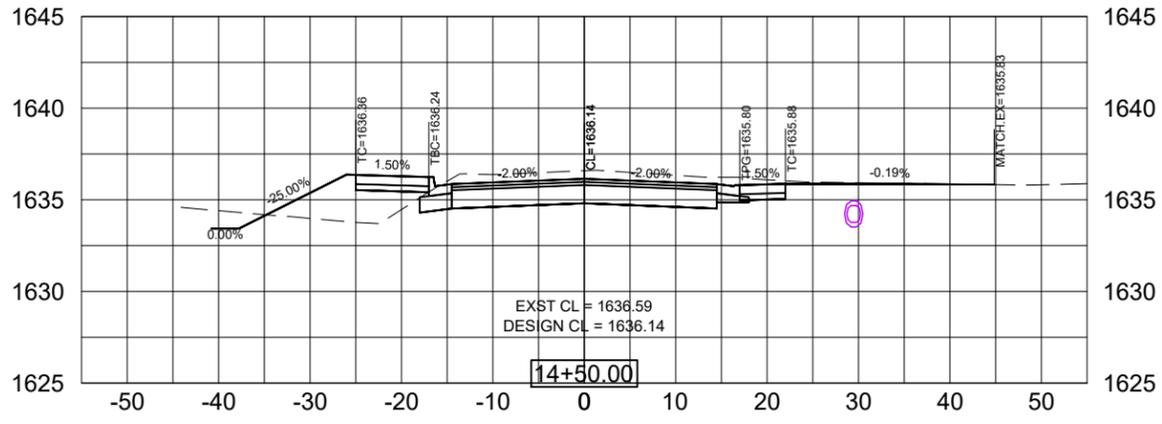
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR: 1" = 10'

SHEET No.: M-13

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE CROSS SECTION - STA 14+75 TO STA 15+19

REV.	DATE	DESCRIPTION

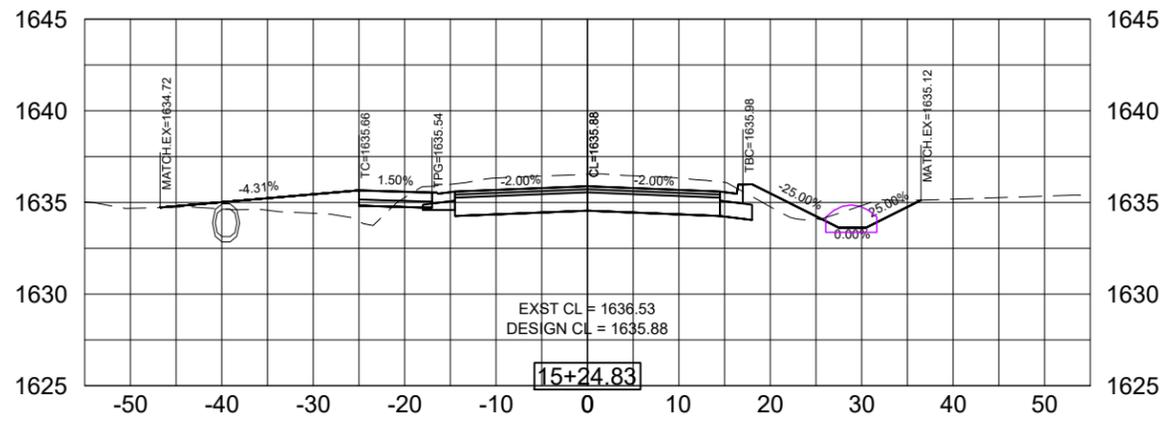
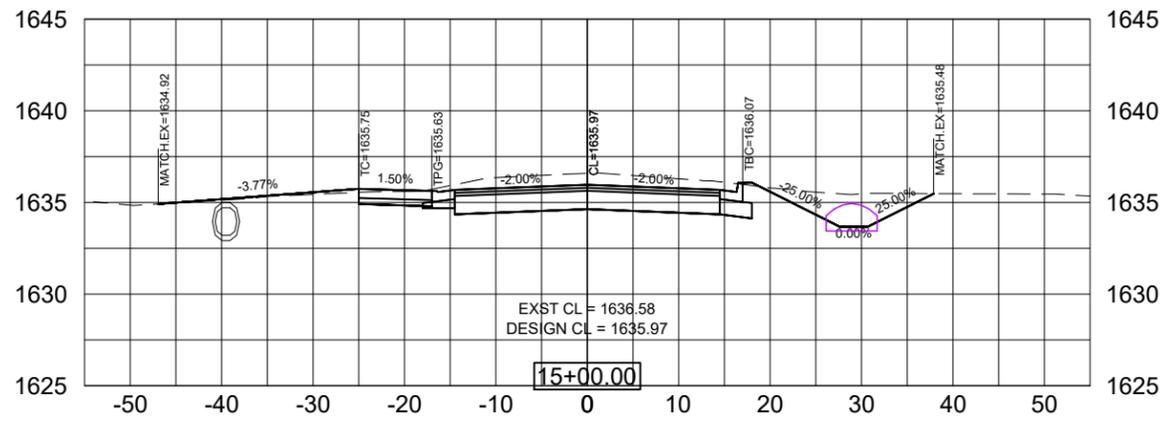
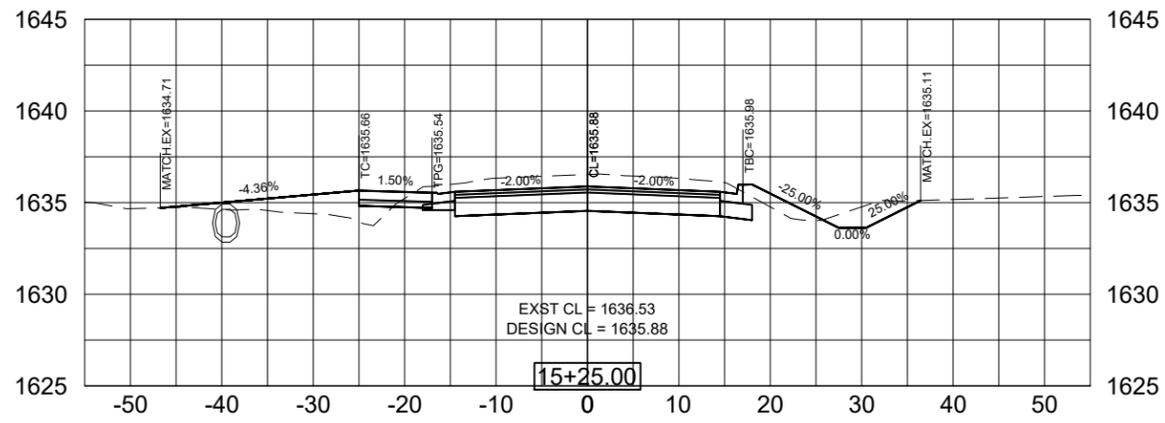
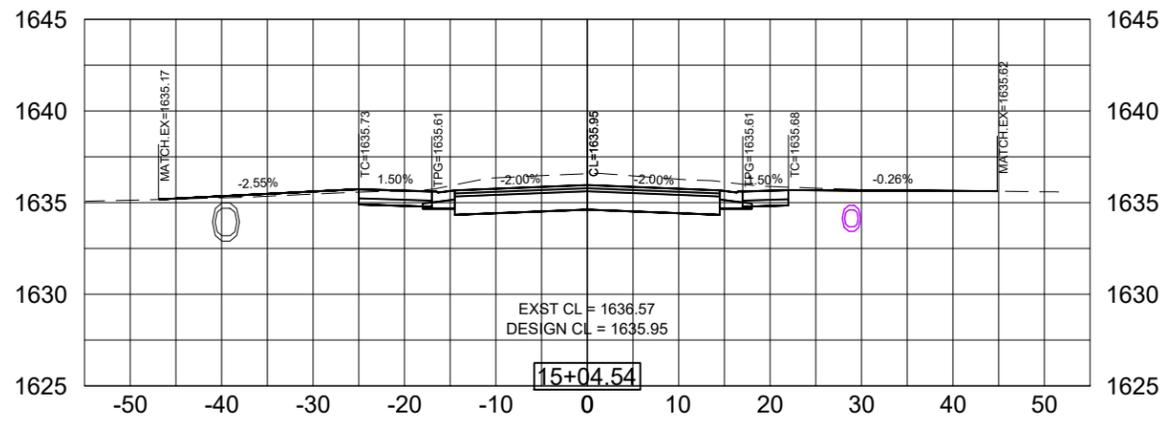
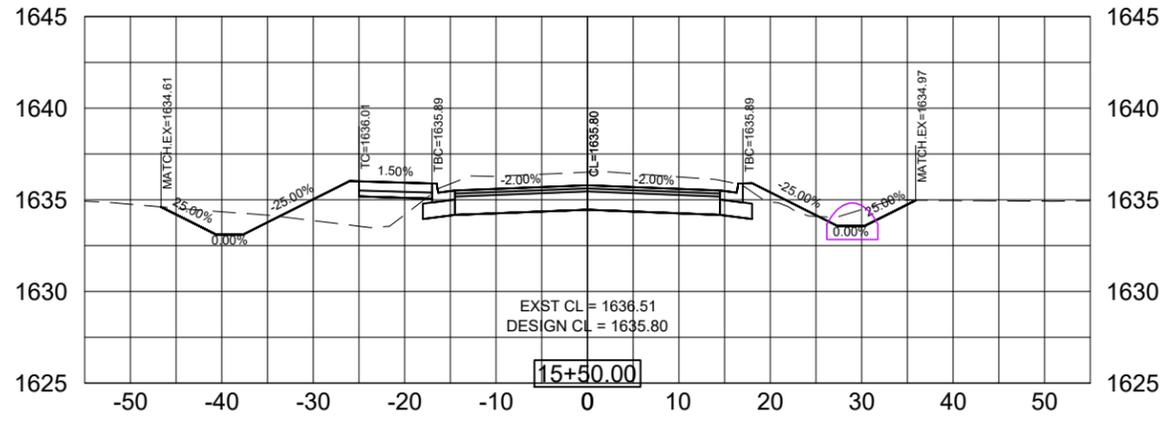
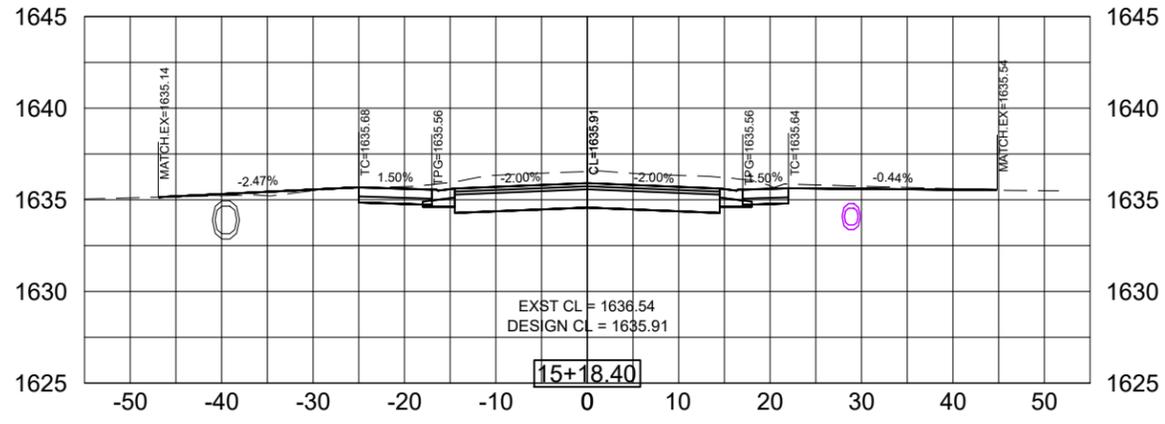
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JOB No.: 23574-00
DATE: JANUARY, 2024
ENG / ARCH: PMK
DESIGNER: PMK
TECHNICIAN: MRS

SCALE REDUCTION BAR
1" = 10'

SHEET No.: M-14

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 15+25 TO STA 16+25

REV.	DATE	DESCRIPTION

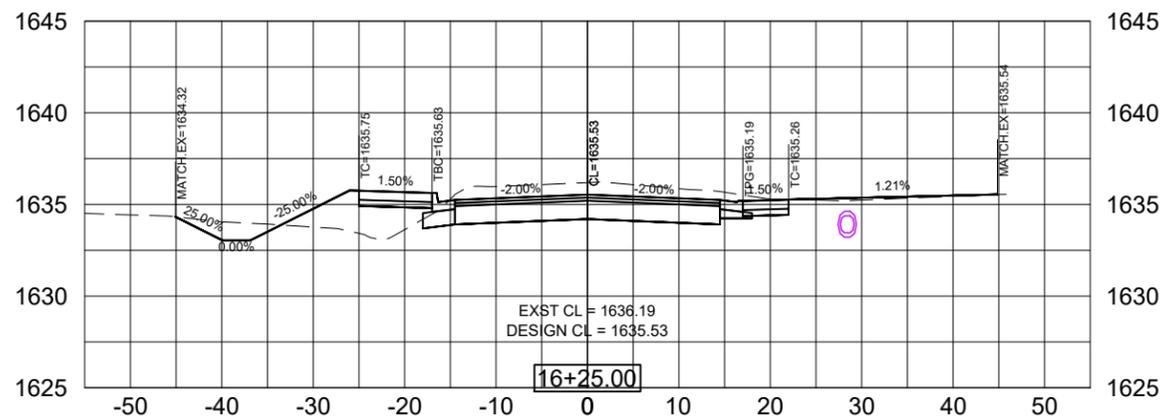
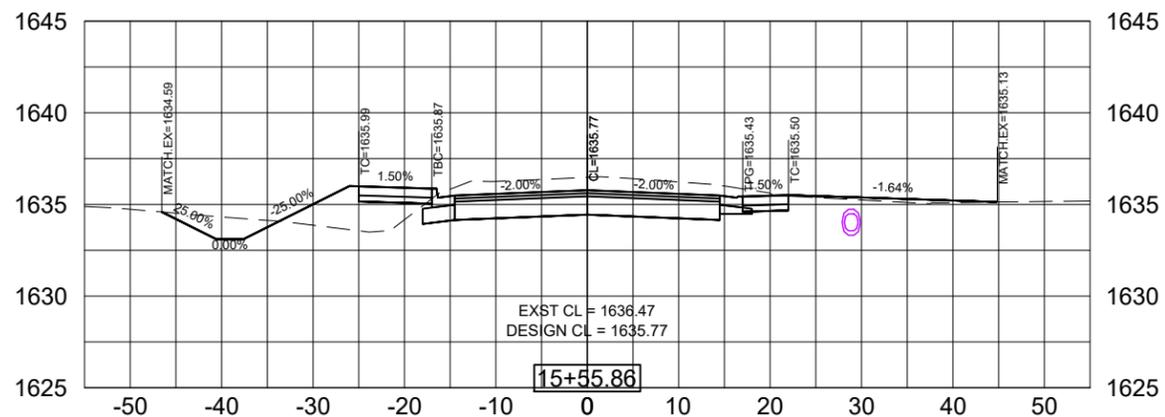
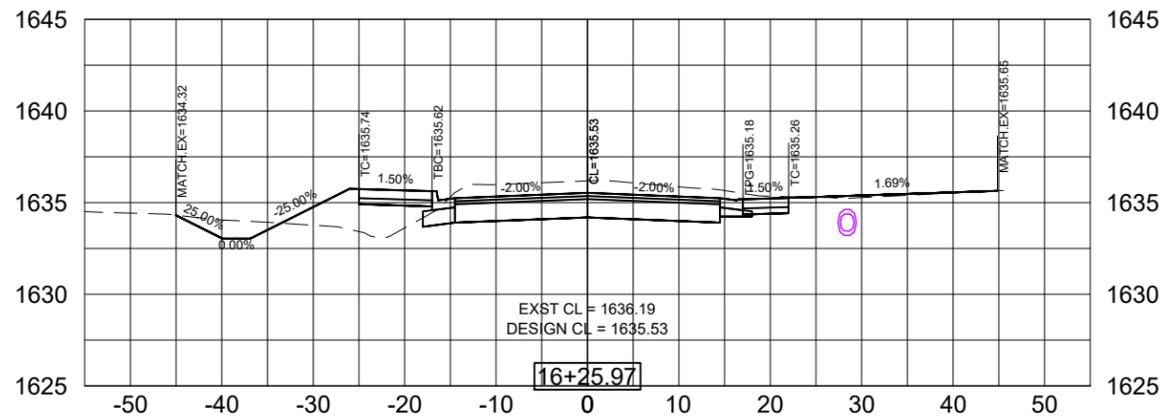
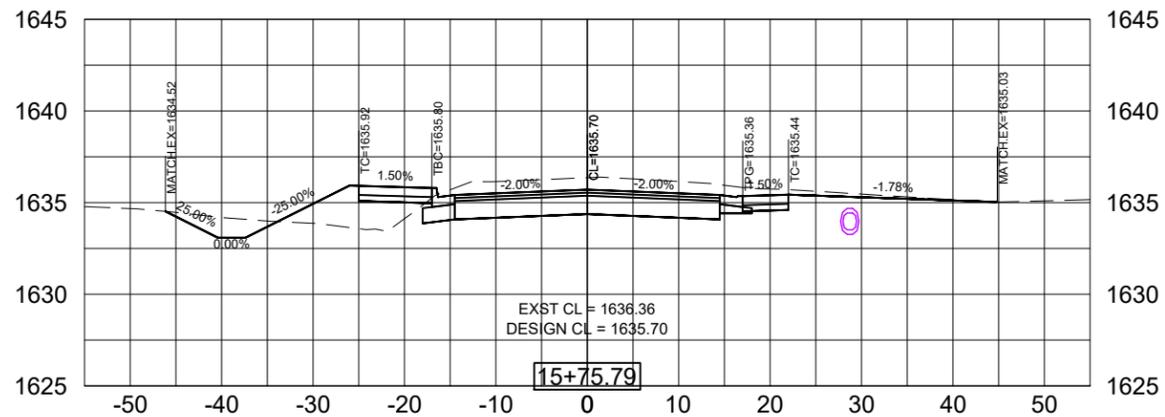
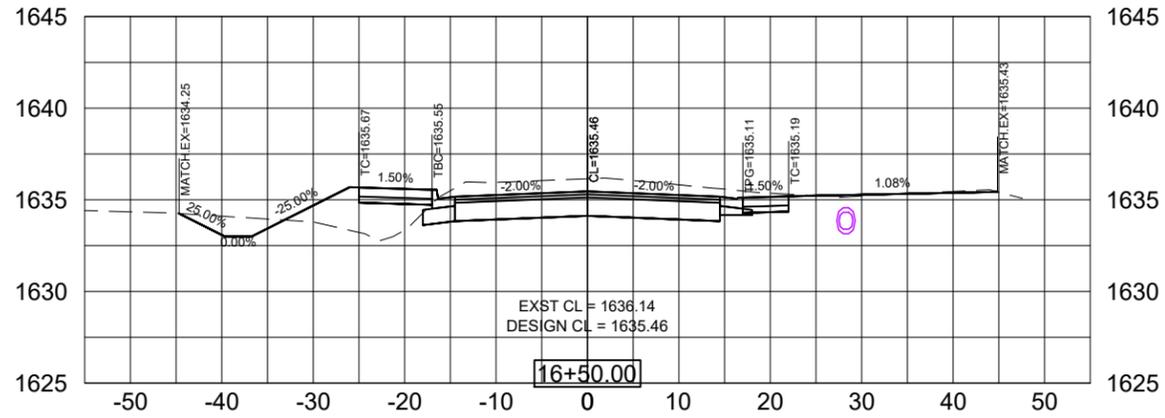
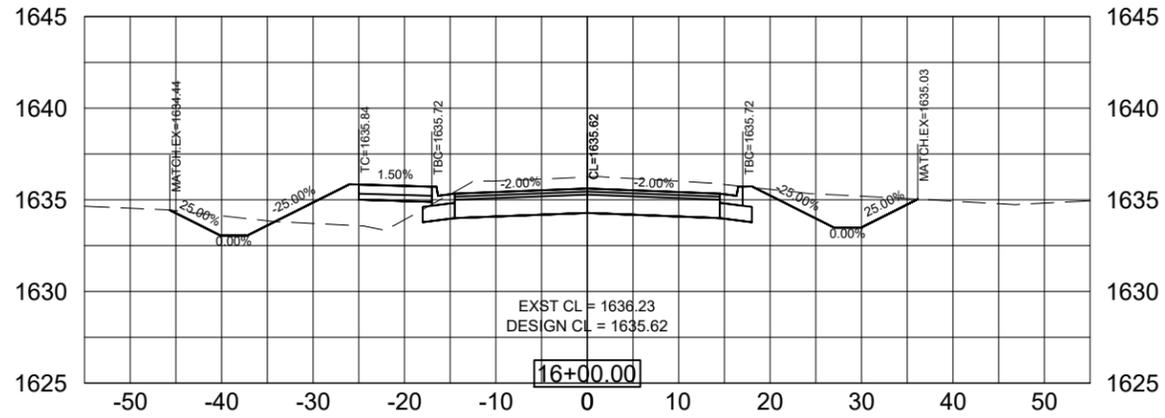
**FOR REVIEW ONLY
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR

SHEET No. : M-15

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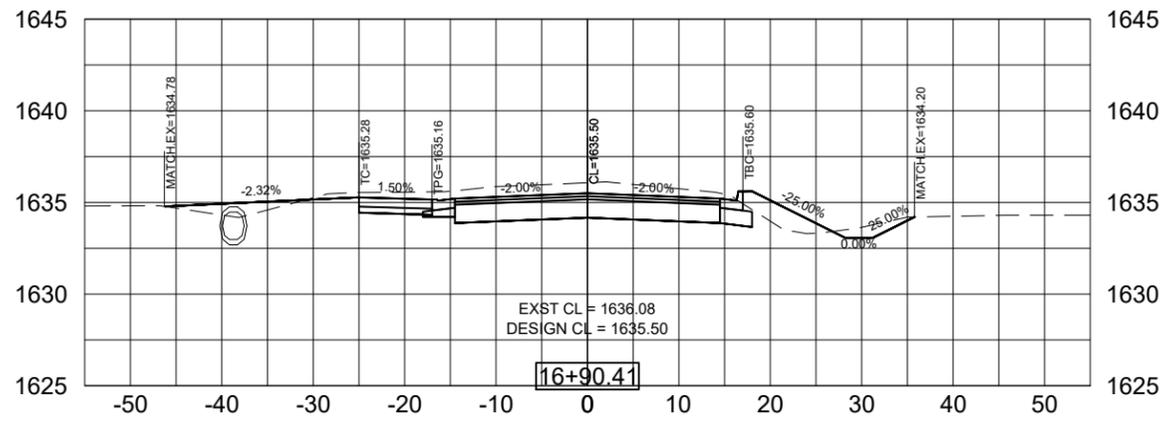
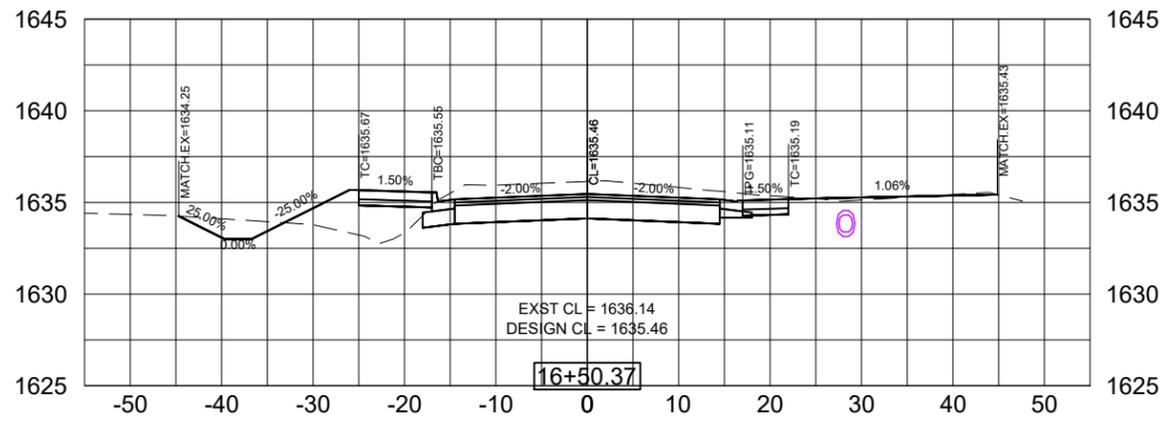
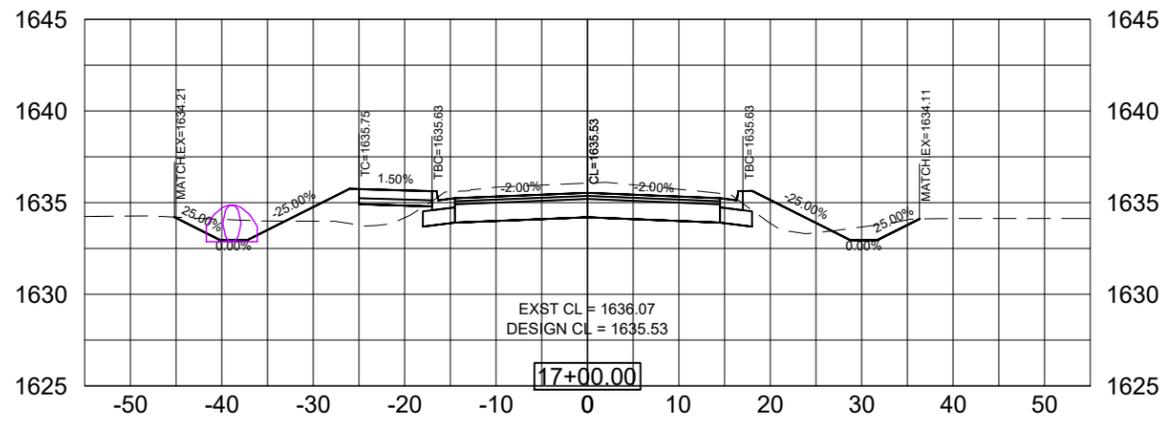
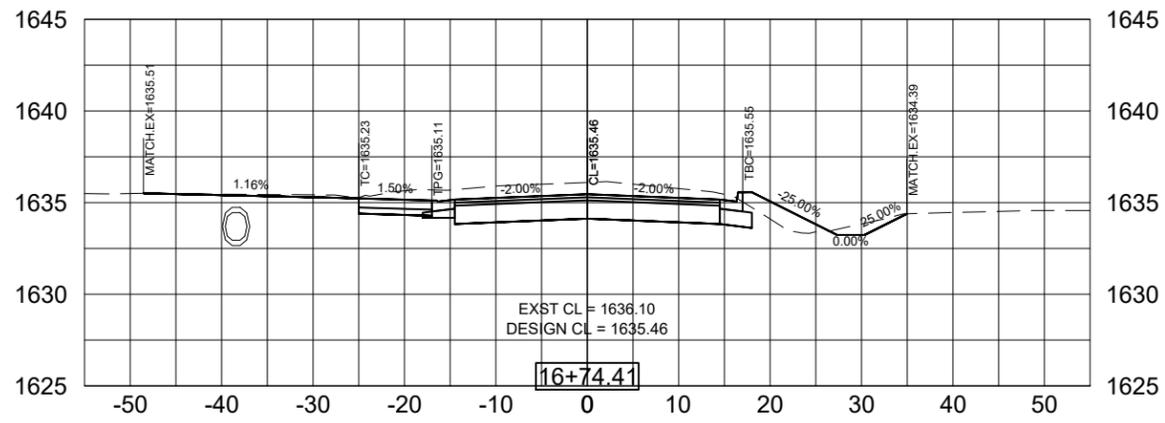
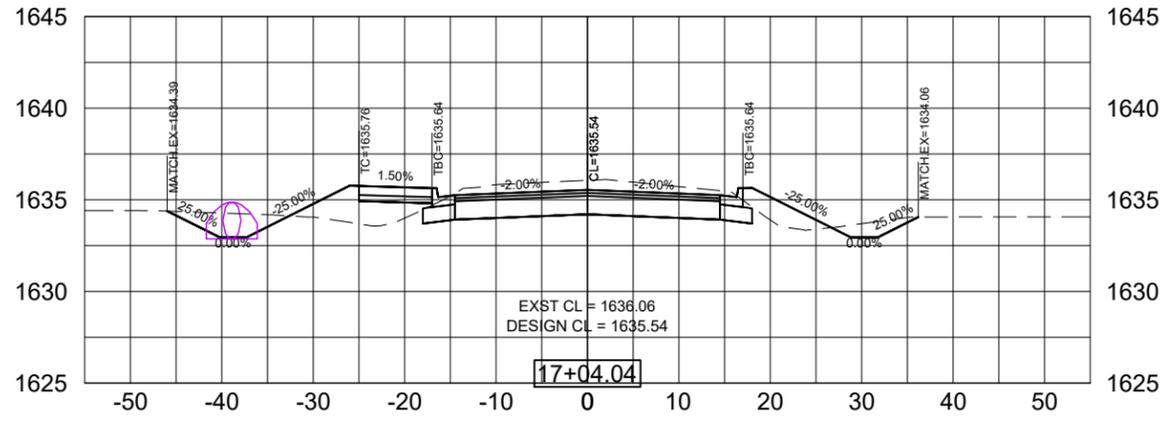
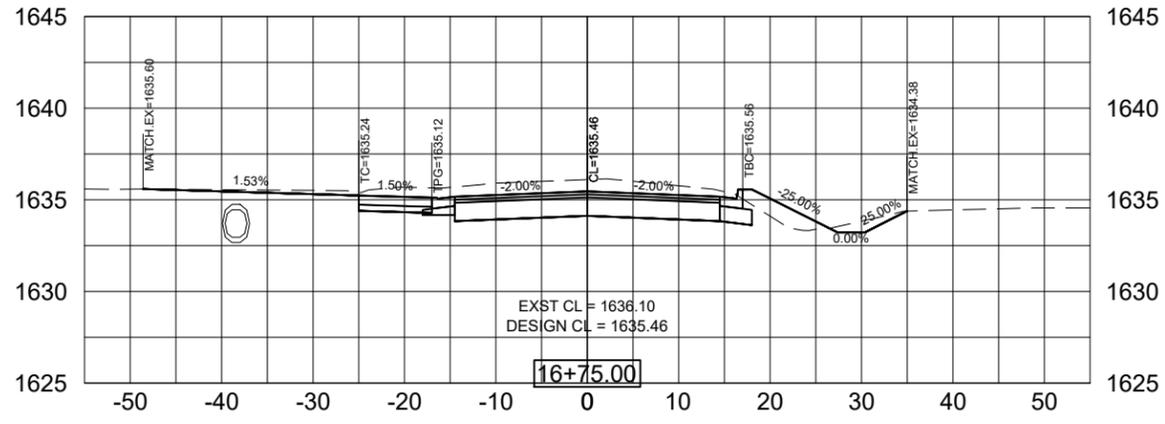
PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 16+26 TO STA 17+00

REV.	DATE	DESCRIPTION

**FOR REVIEW ONLY
 NOT FOR CONSTRUCTION**

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

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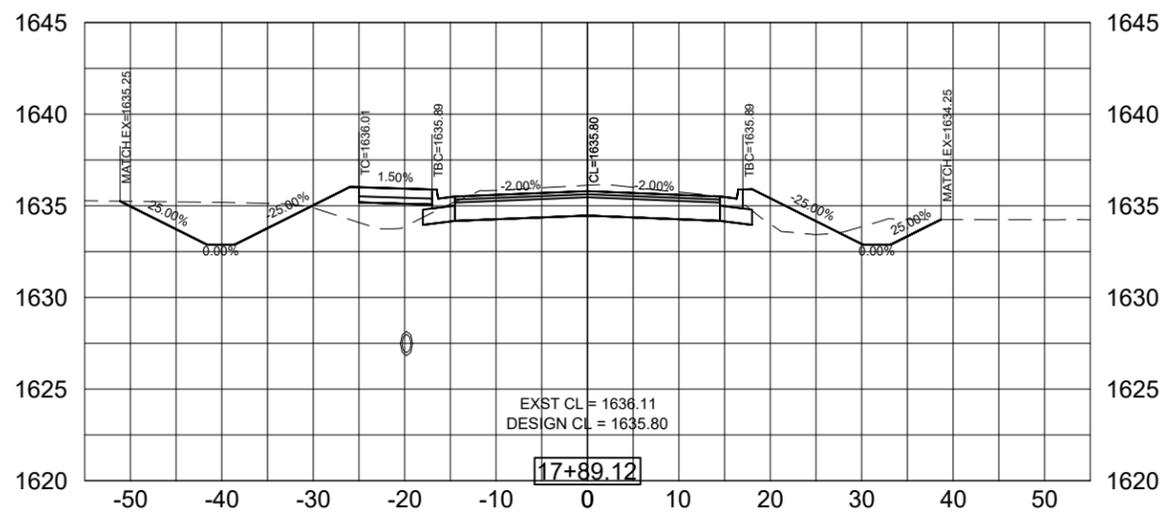
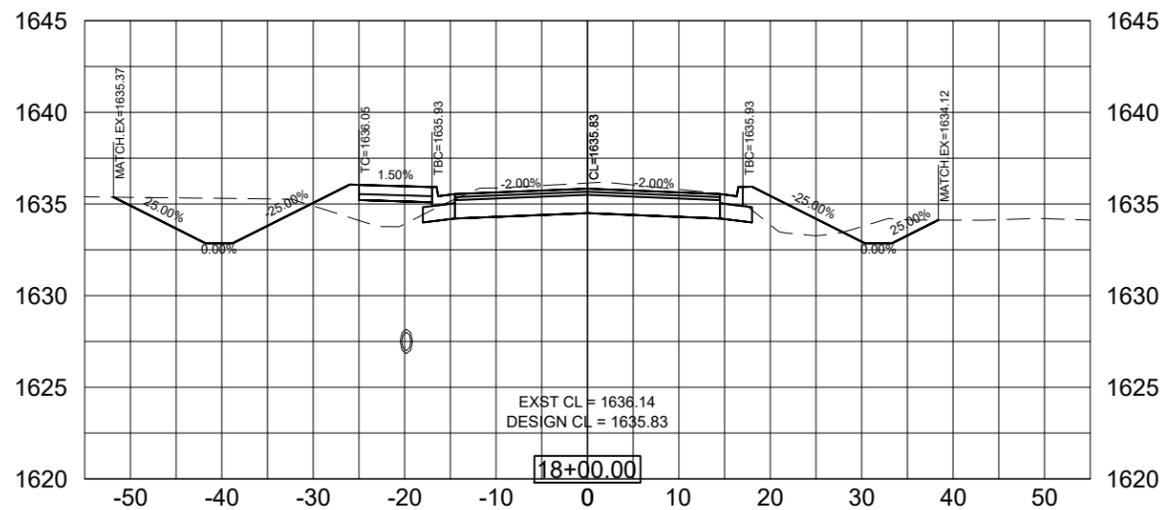
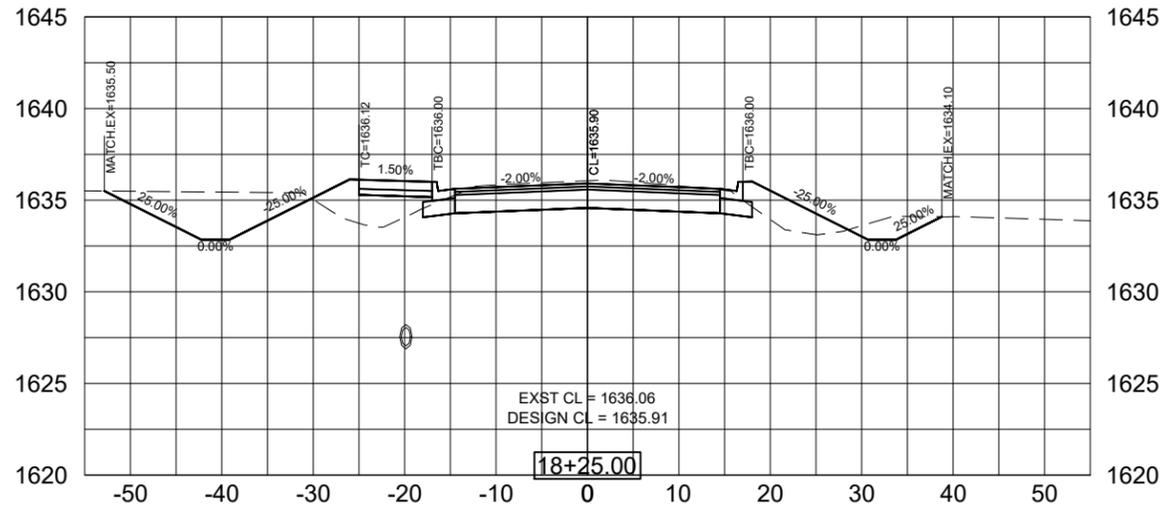
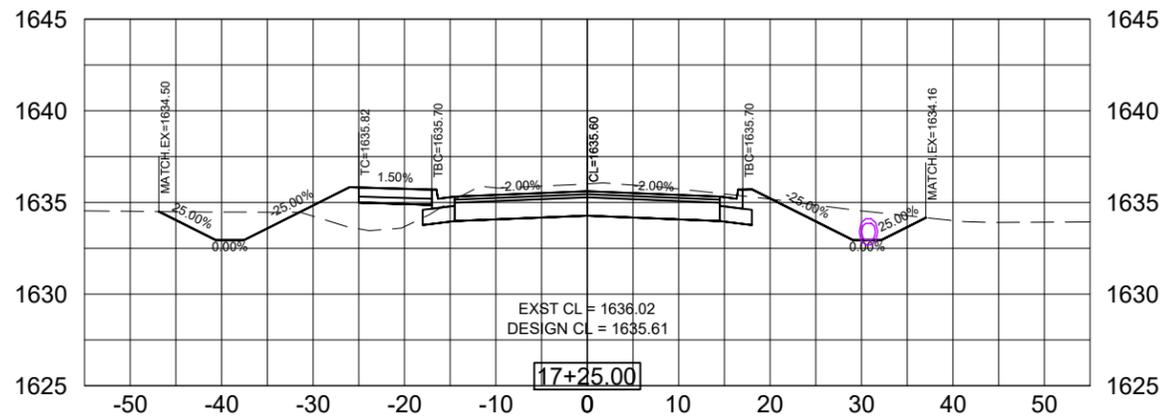
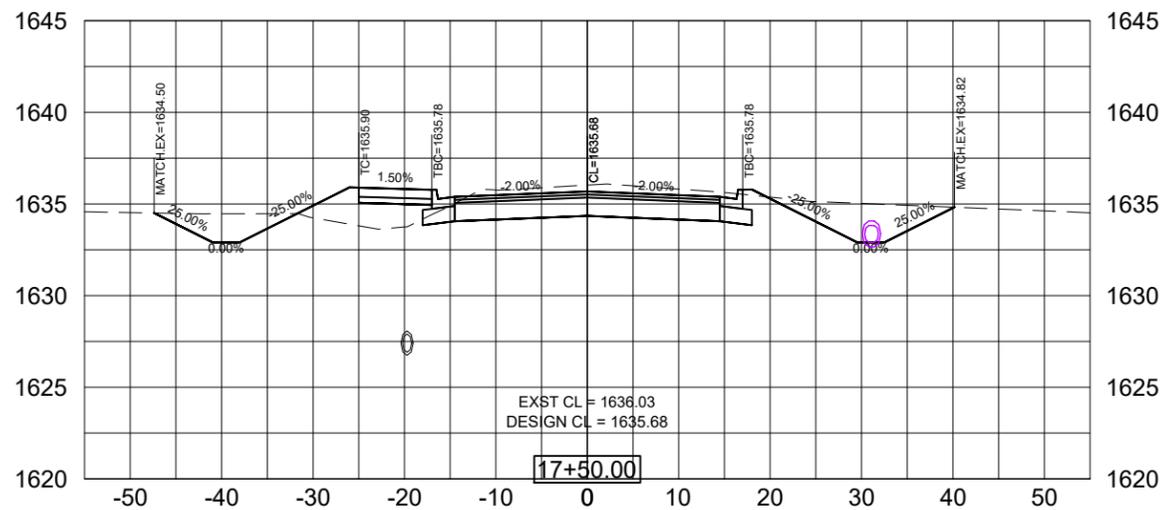
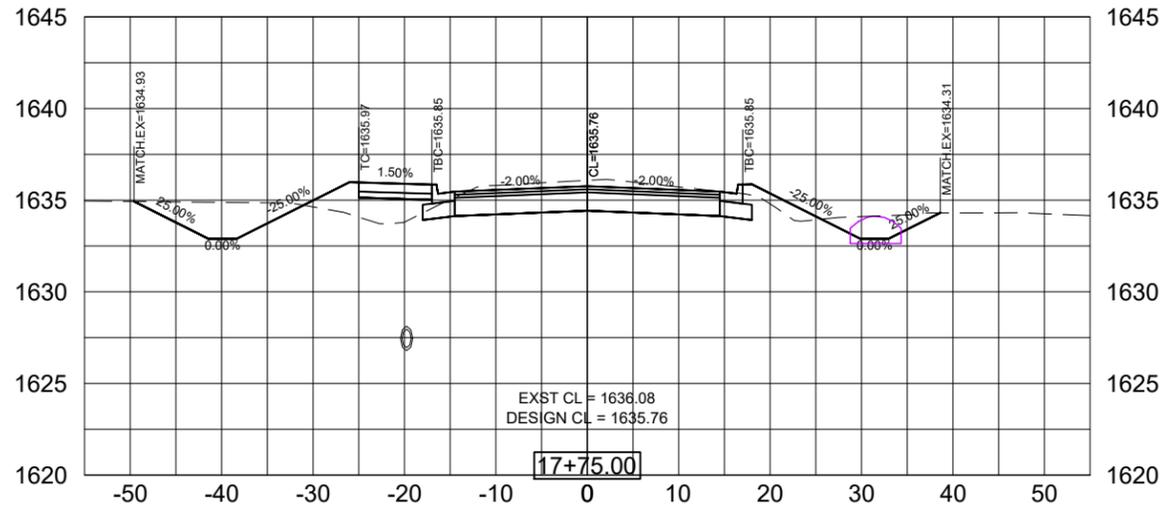
PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 17+25 TO STA 18+25

REV.	DATE	DESCRIPTION

**FOR REVIEW ONLY
 NOT FOR CONSTRUCTION**

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 18+46 TO STA 18+94

REV.	DATE	DESCRIPTION

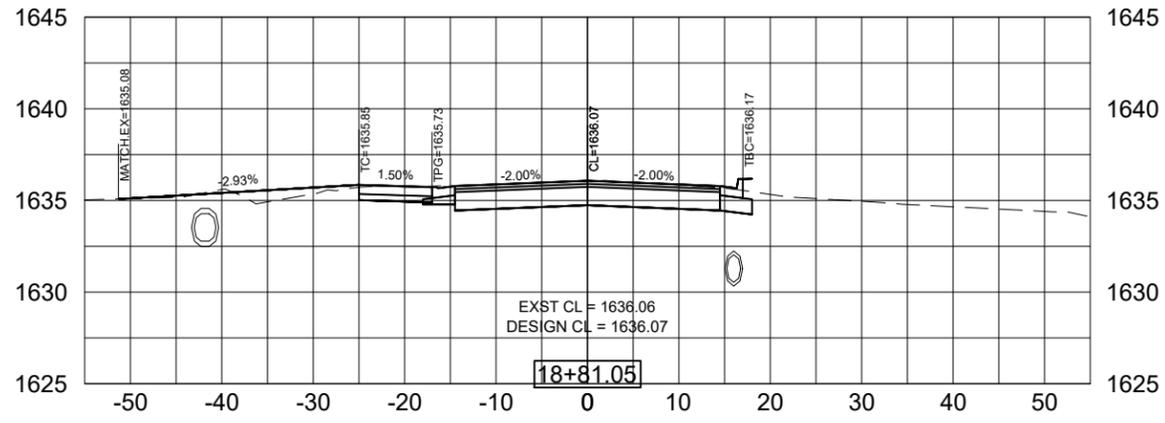
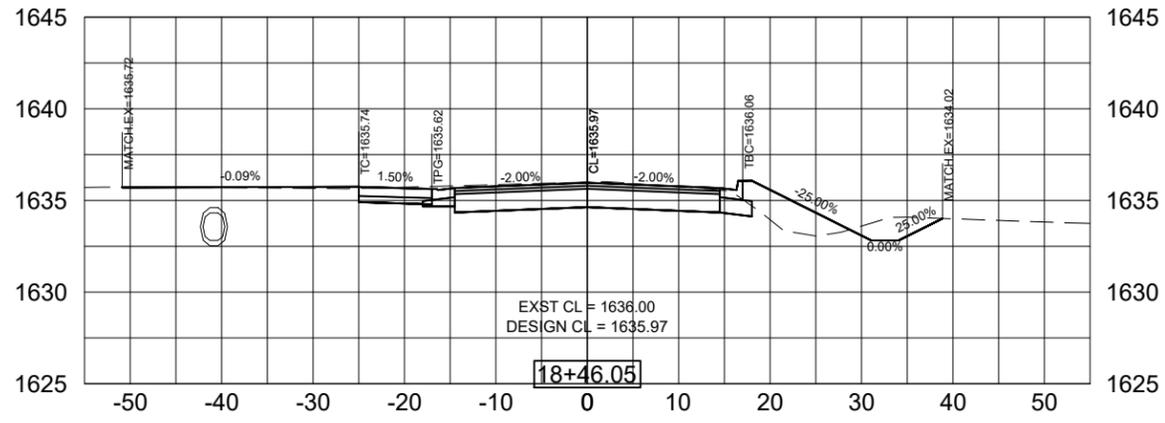
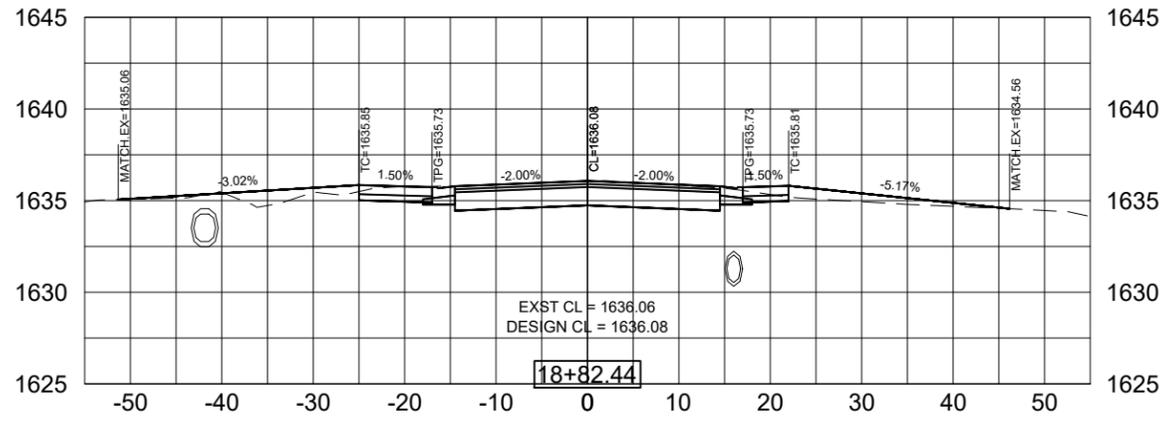
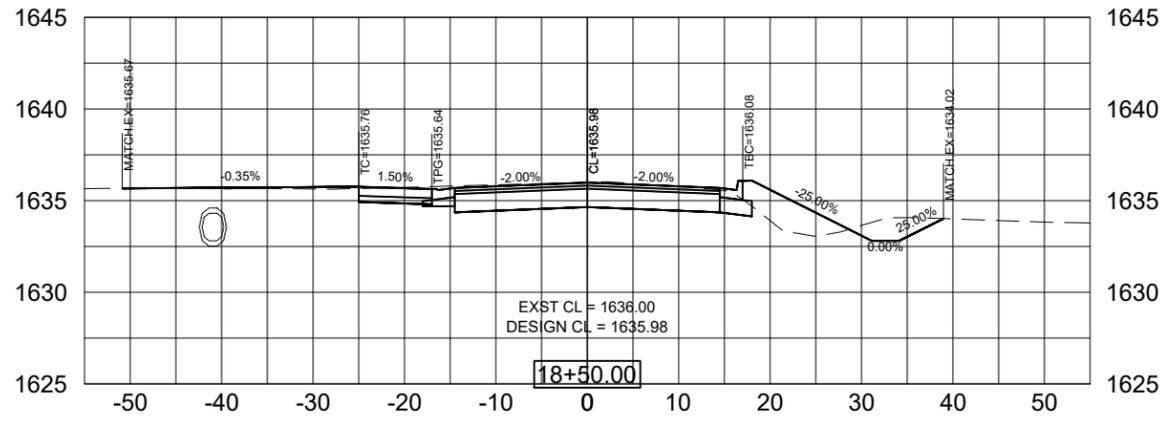
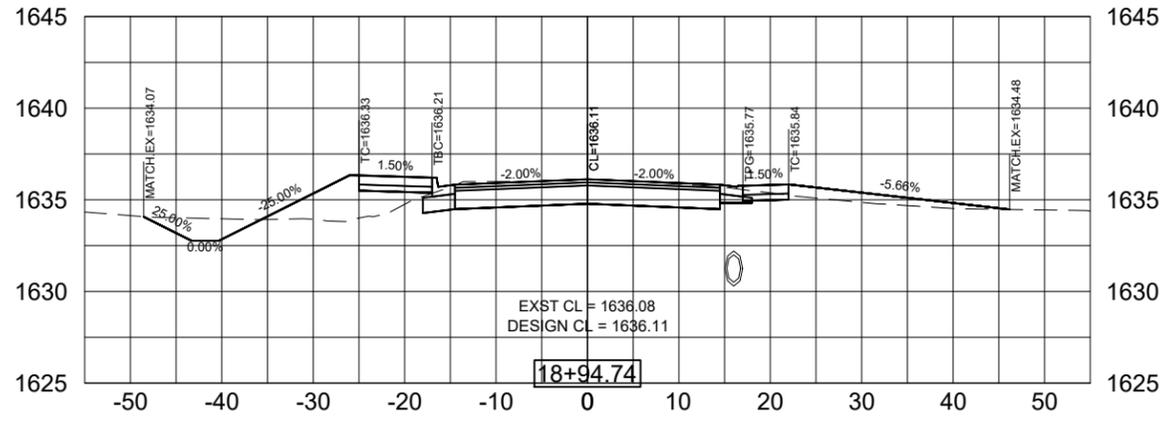
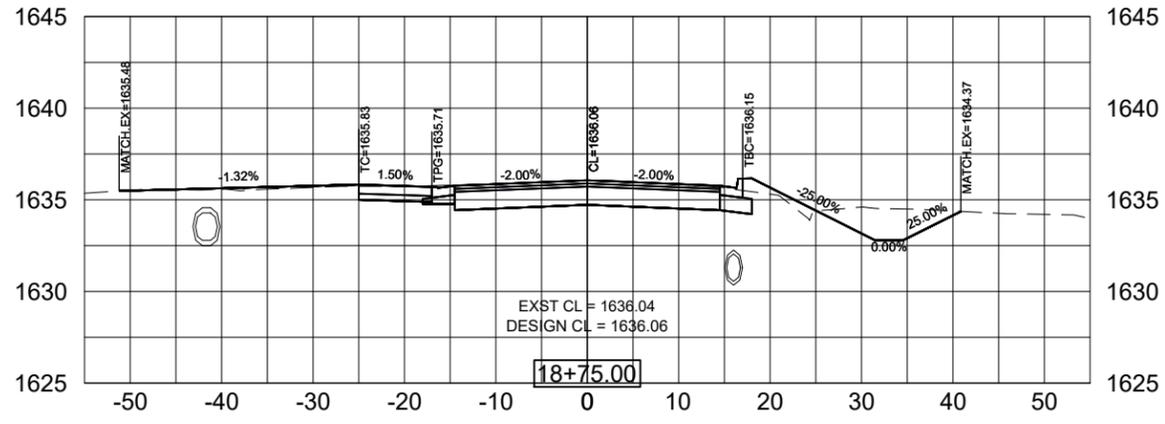
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 NOT FOR CONSTRUCTION**

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR
 1" = 25'

SHEET No. : M-18

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 19+00 TO STA 19+75

REV.	DATE	DESCRIPTION

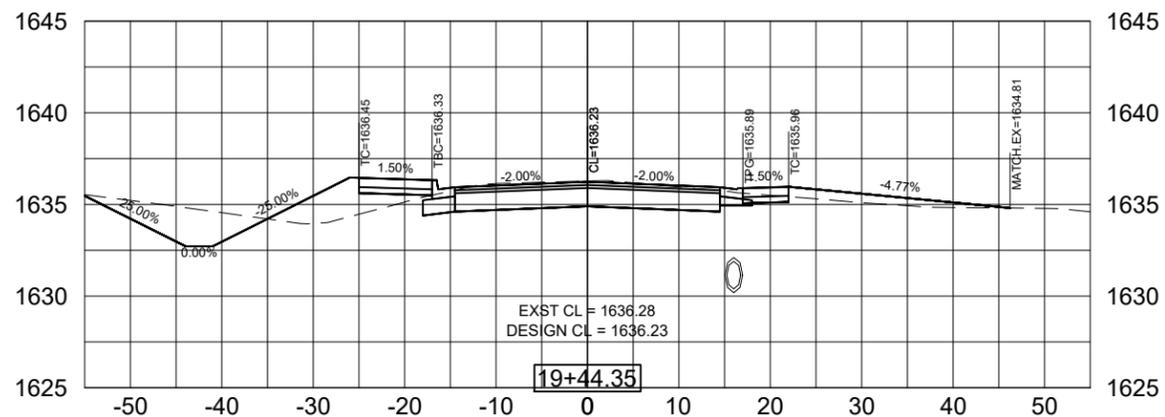
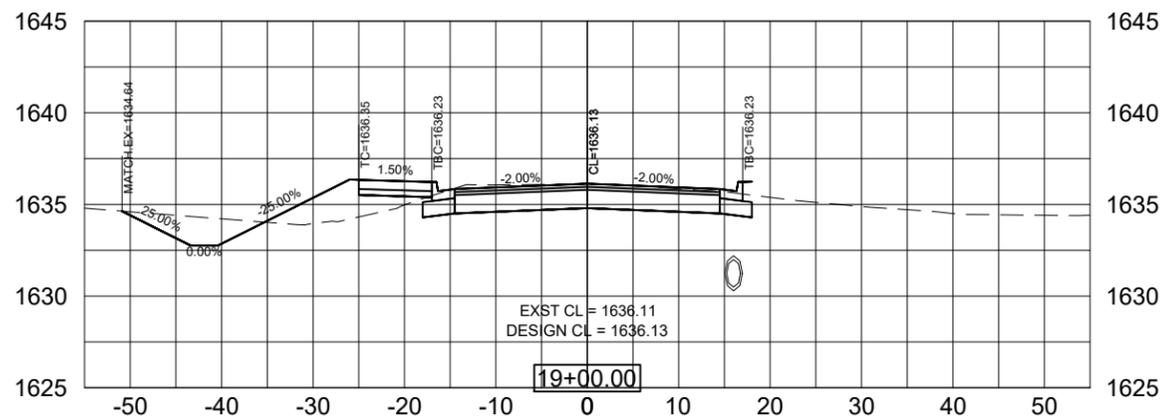
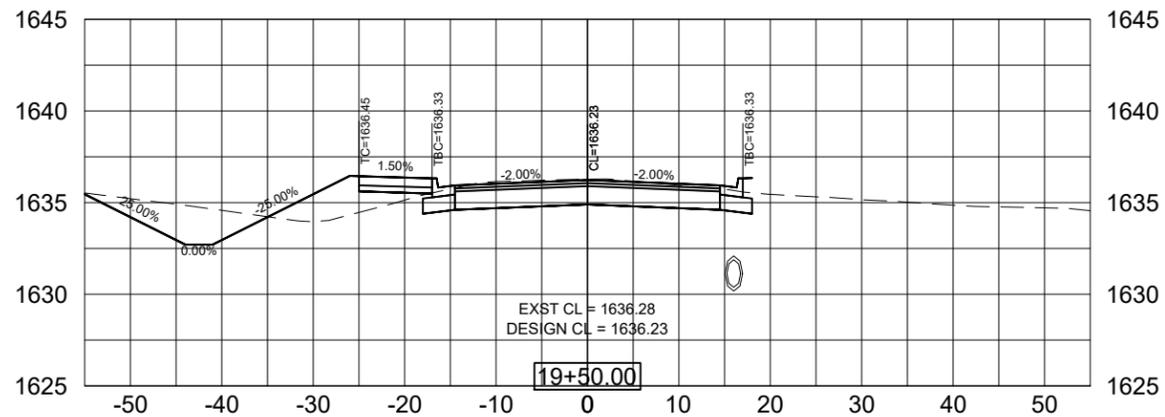
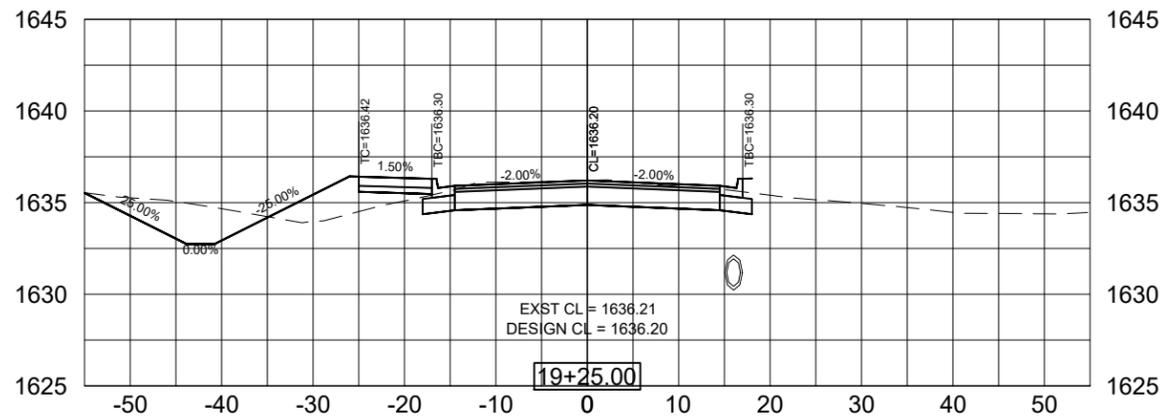
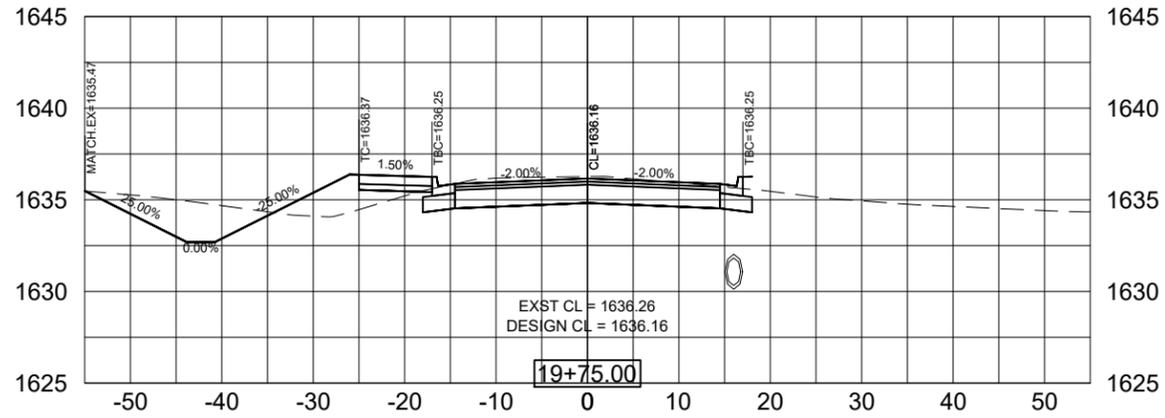
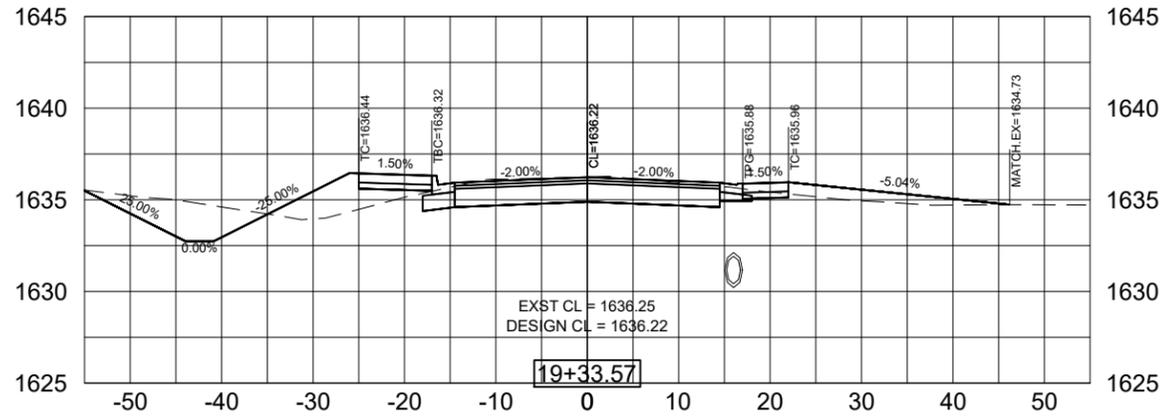
**FOR REVIEW ONLY
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR
 1" = 10'

SHEET No. : **M-19**

X:\Files\23574-00\Design Phase\CADD\Sheet File\Section M - Xsecs Boulevard.dwg;11/20/2024 2:24 PM



PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 19+92 TO STA 20+75

REV.	DATE	DESCRIPTION

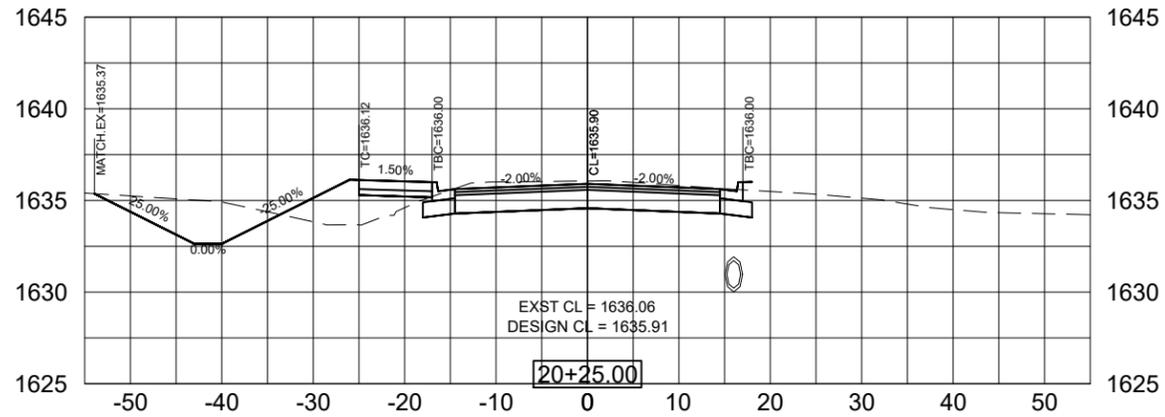
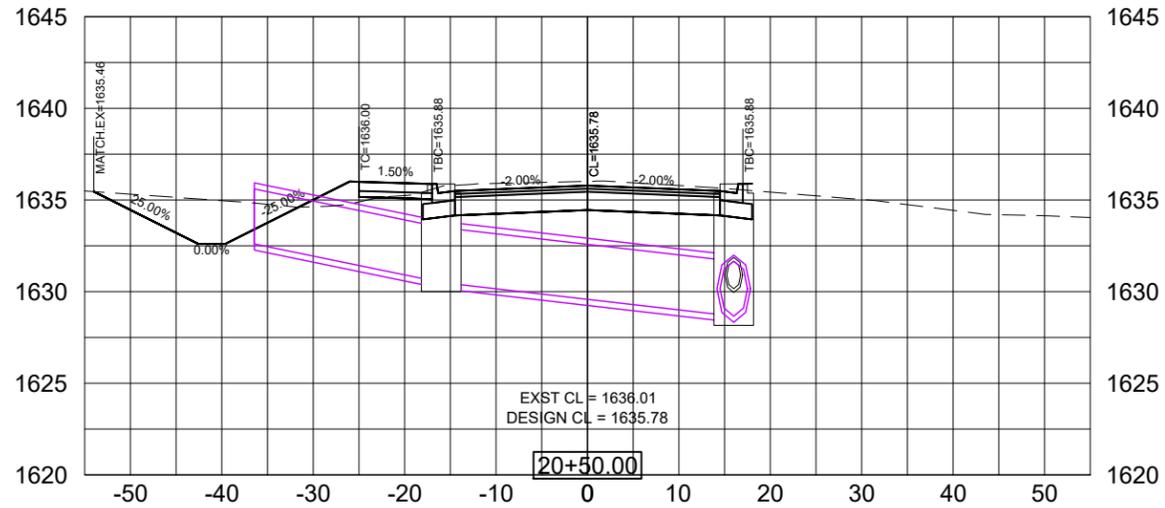
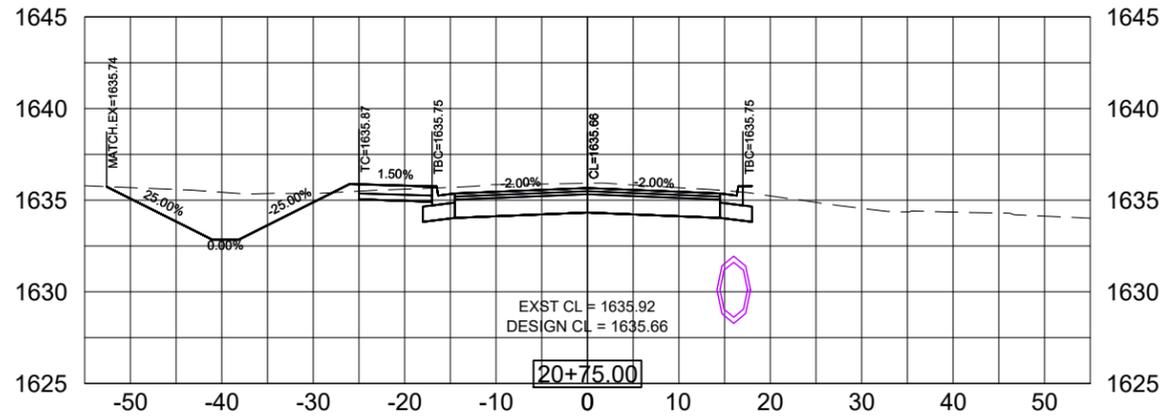
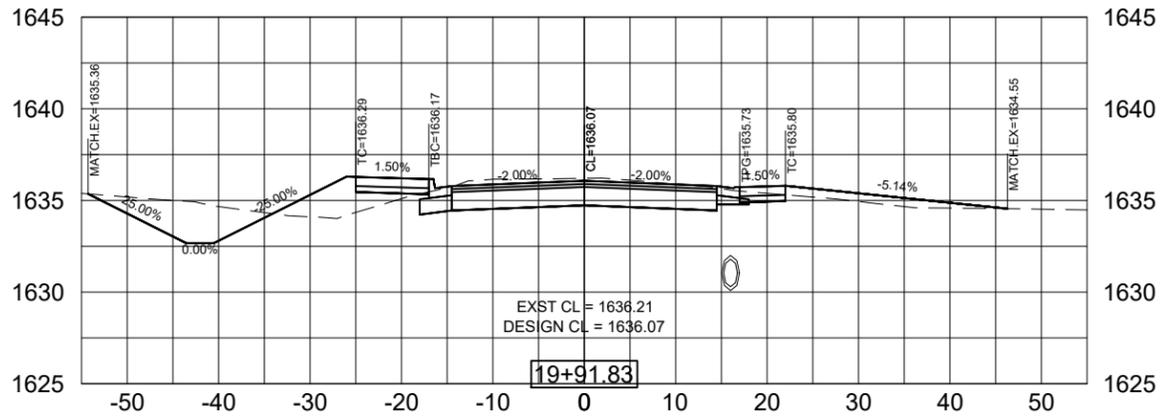
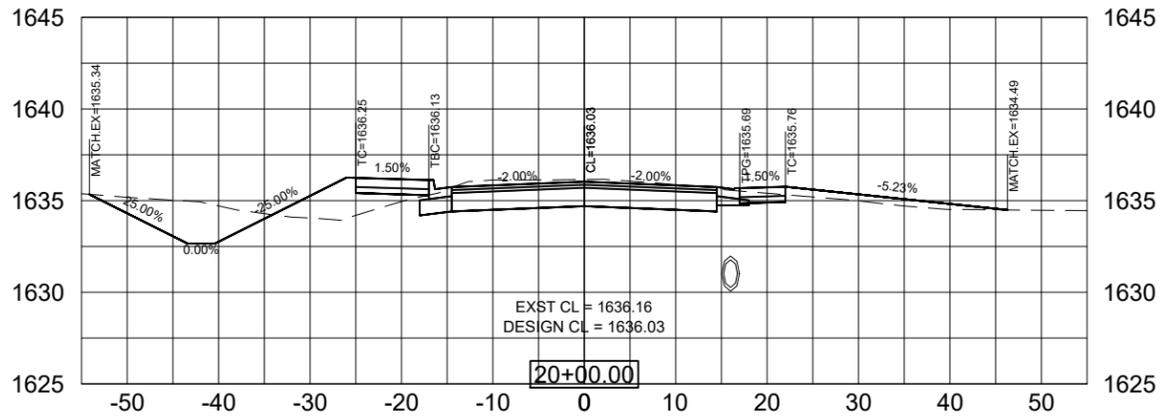
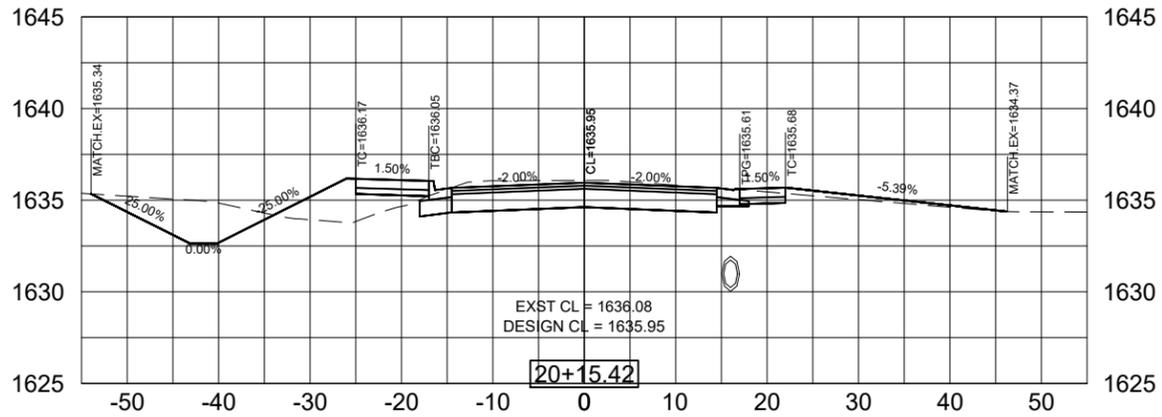
**FOR REVIEW ONLY
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR: 1" = 10'

SHEET No. : M-20

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 20+90 TO STA 21+37

REV.	DATE	DESCRIPTION

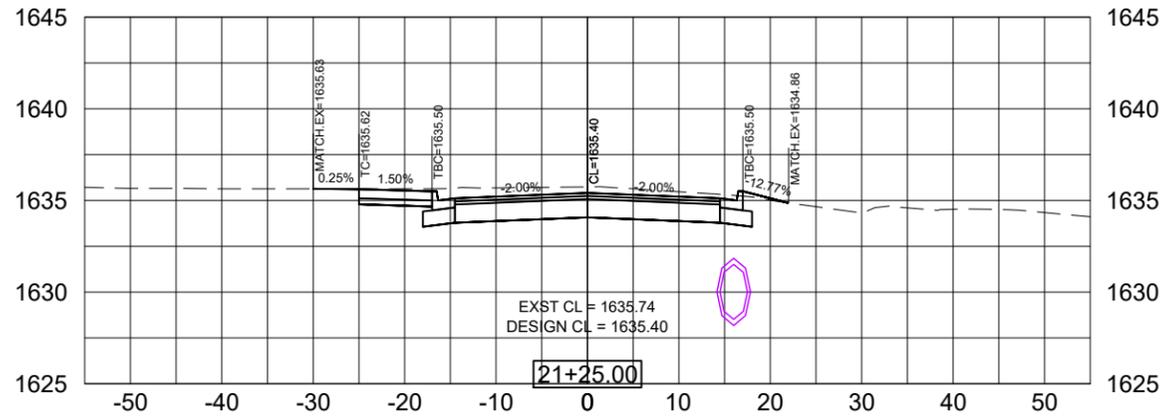
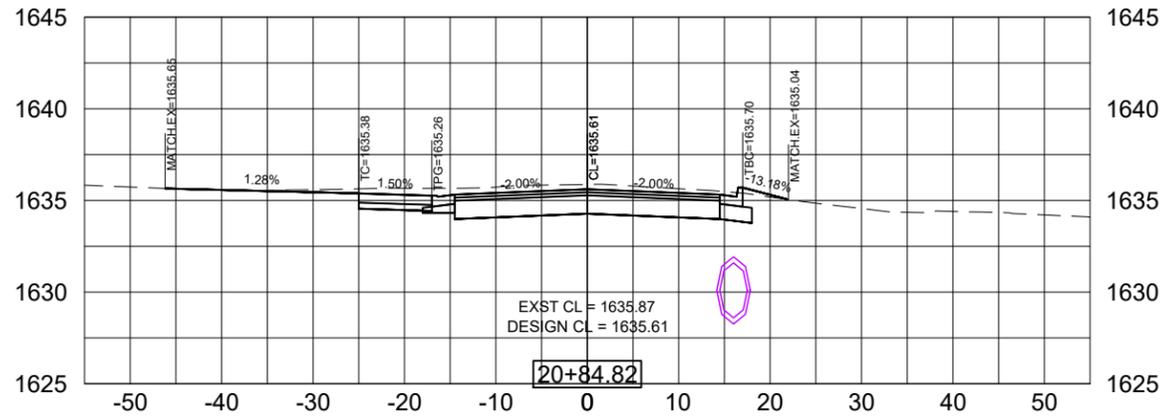
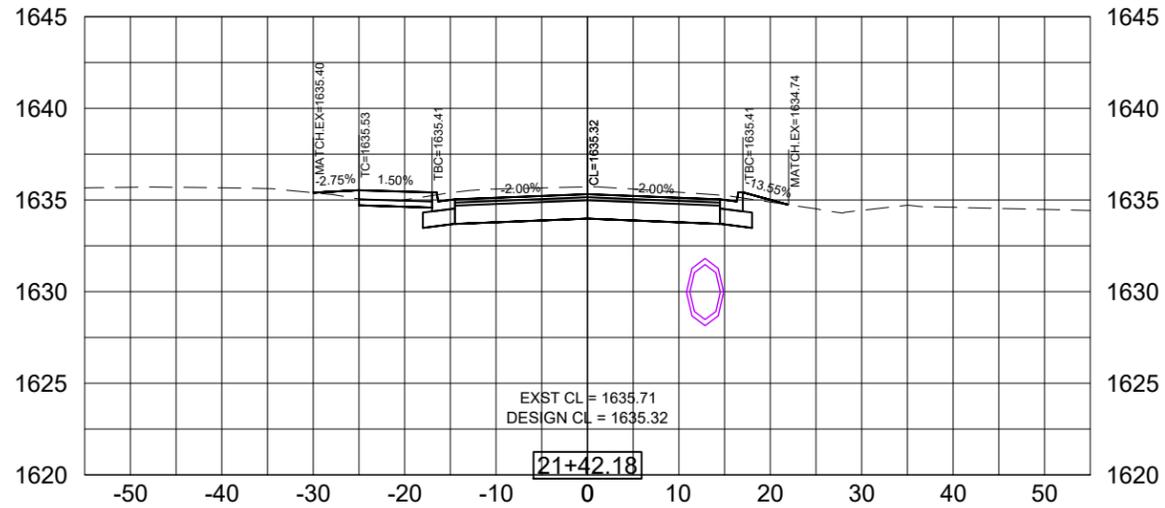
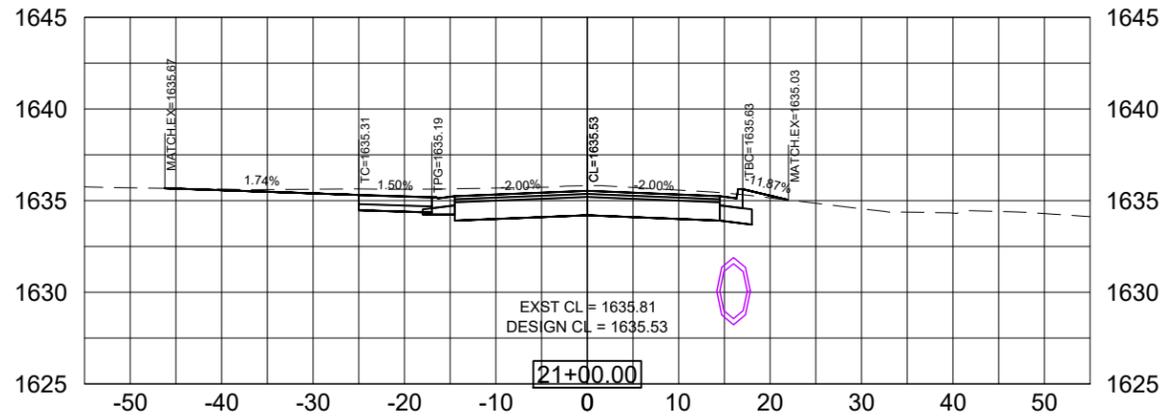
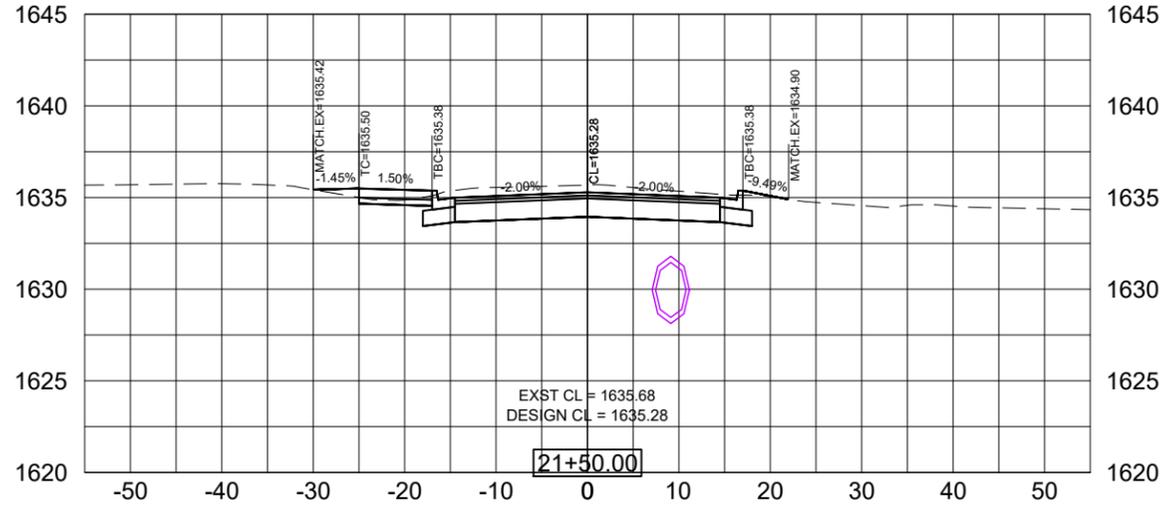
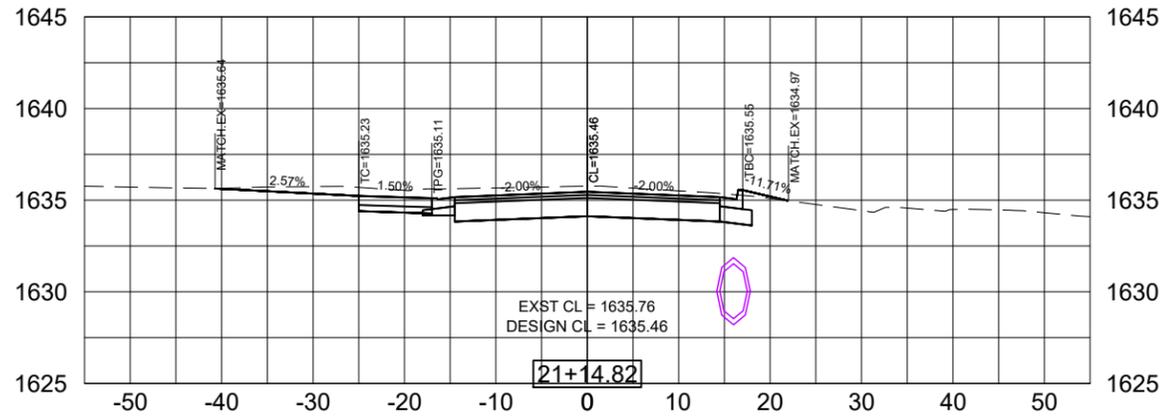
**FOR REVIEW ONLY
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR

SHEET No. : M-21

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 21+41 TO STA 22+25

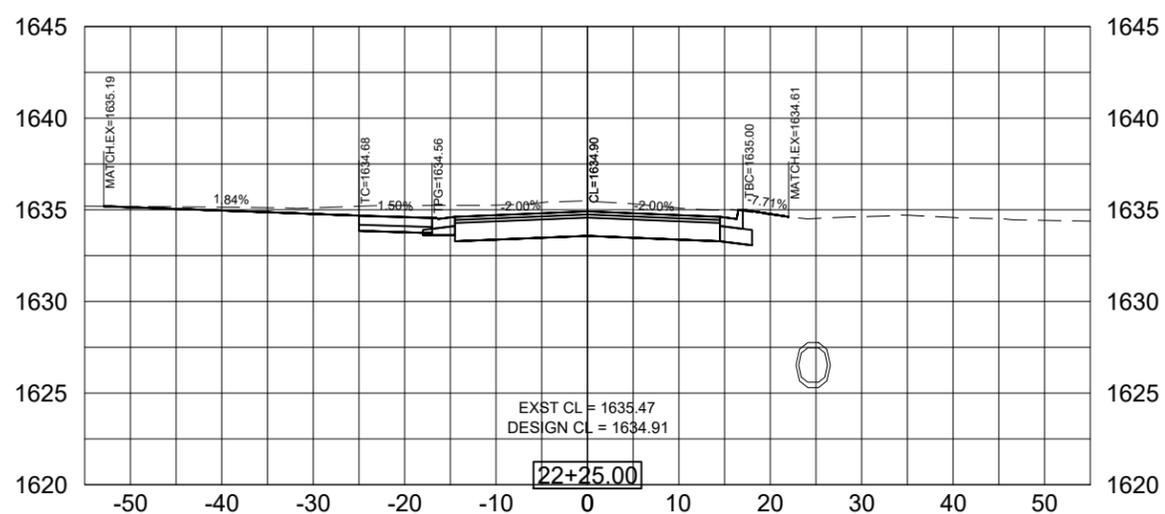
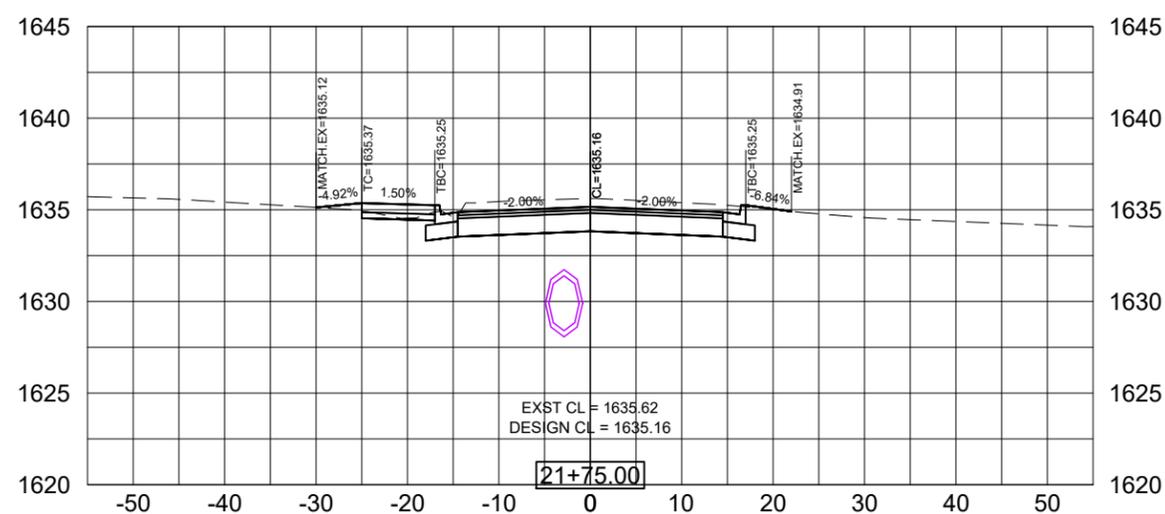
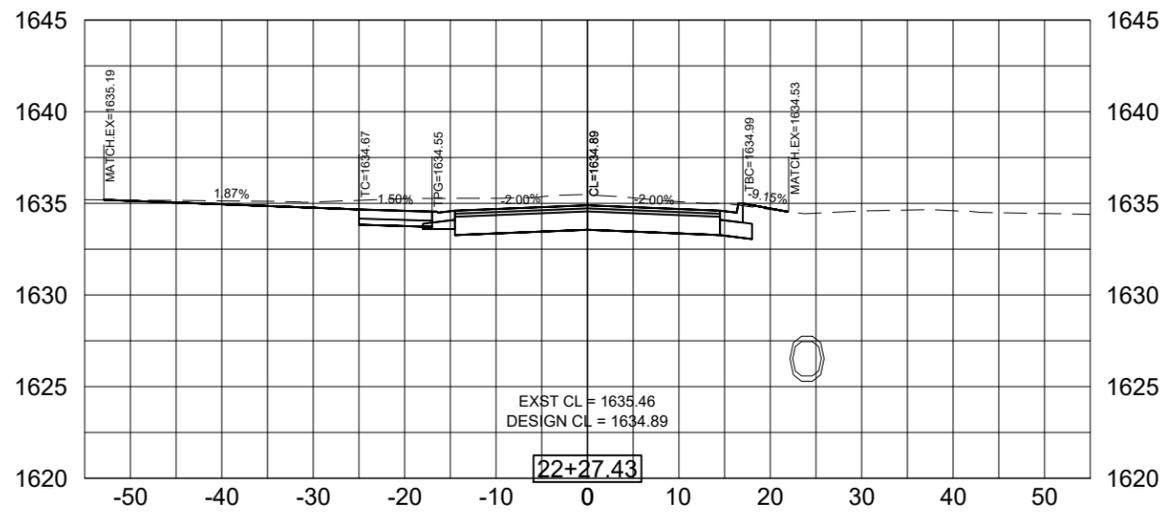
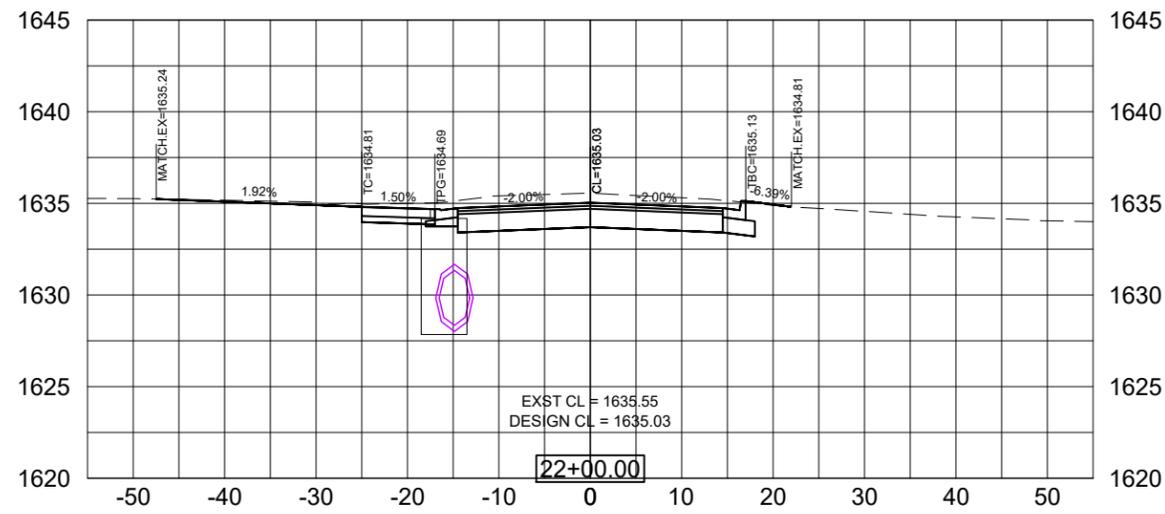
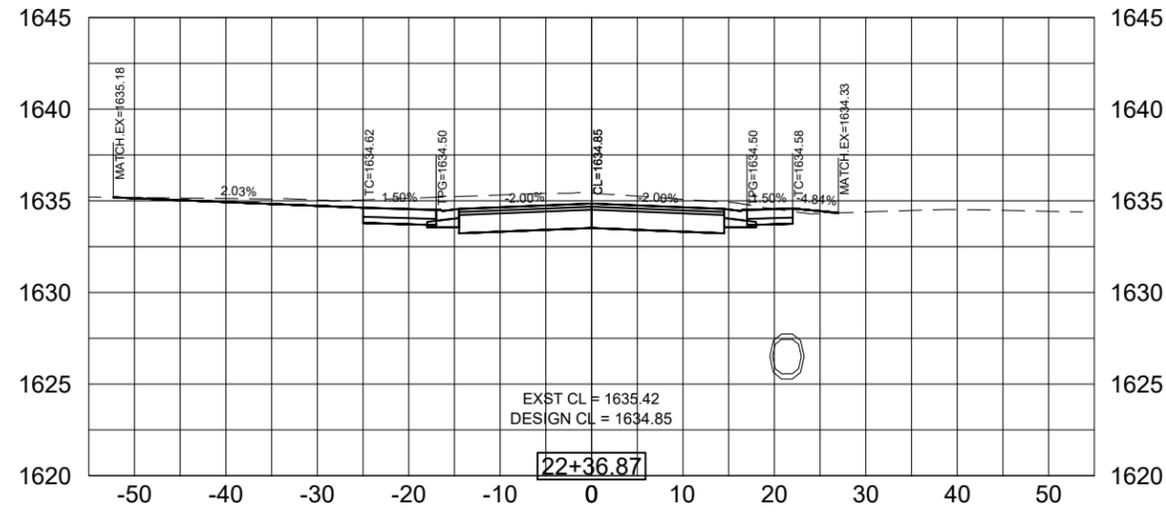
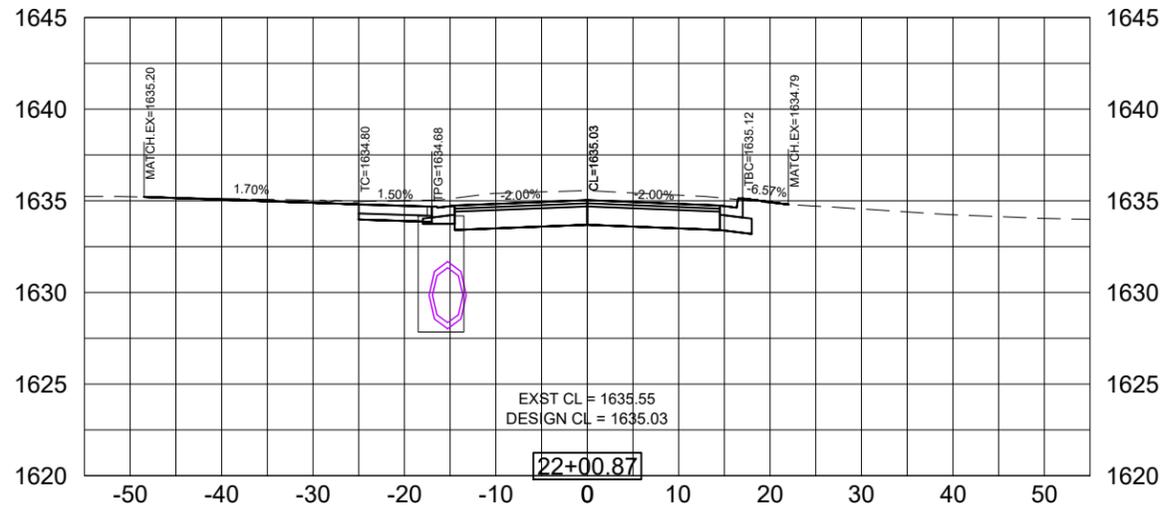
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR
 SHEET No.: M-22

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 22+35 TO STA 23+00
 VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

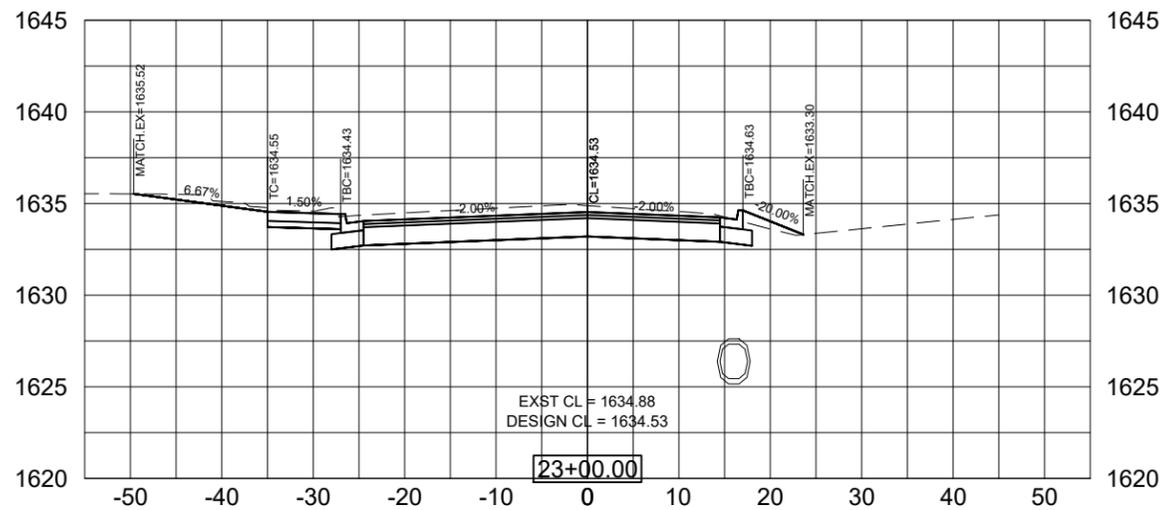
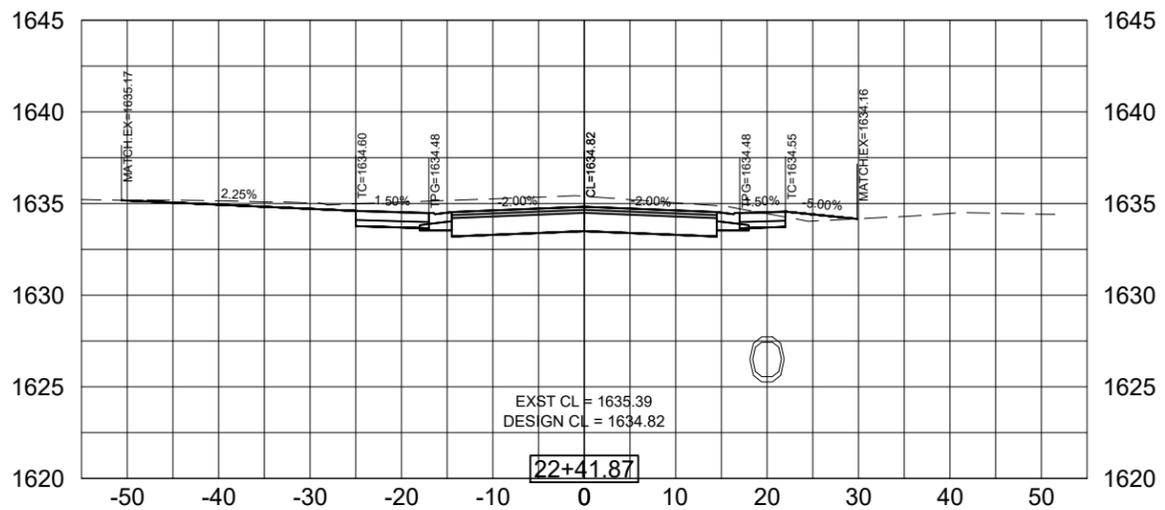
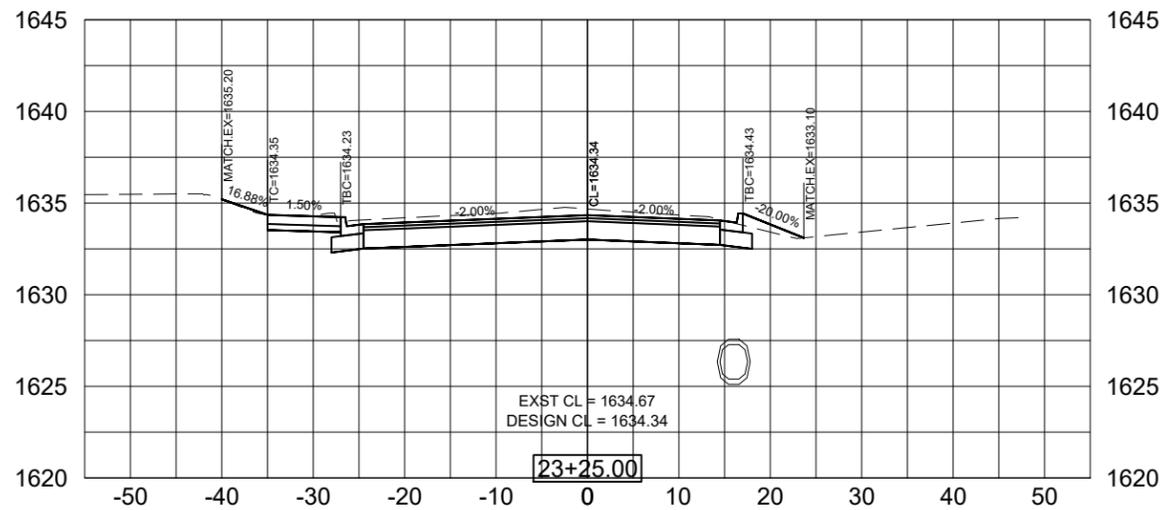
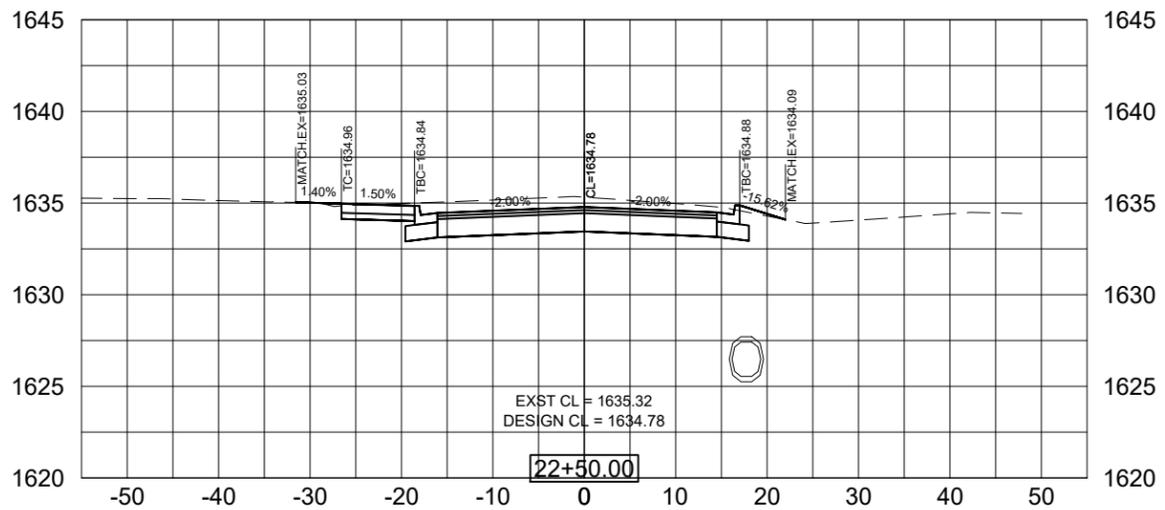
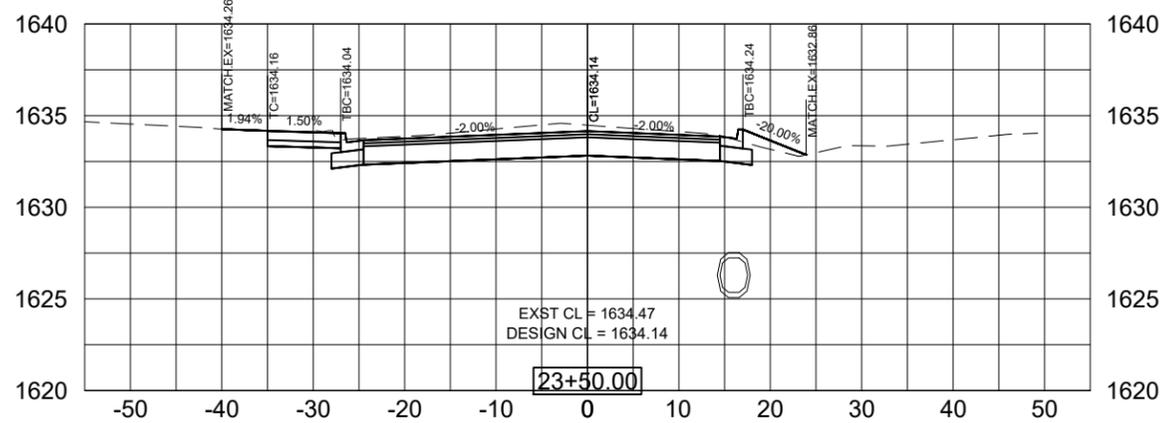
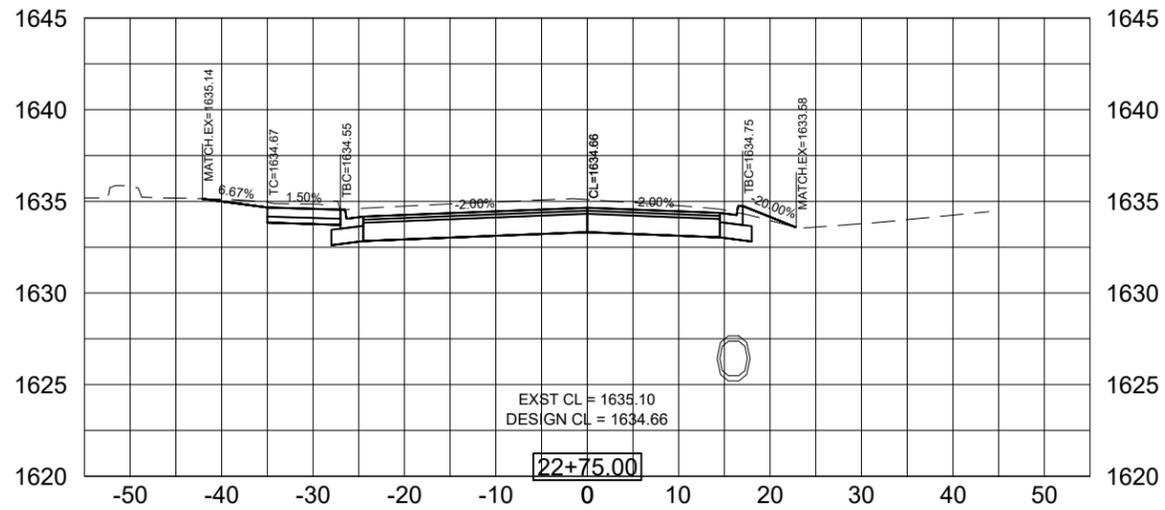
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR
 1" = 10'

SHEET No. : M-23

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE CROSS SECTION - STA 23+25 TO STA 24+25

REV.	DATE	DESCRIPTION

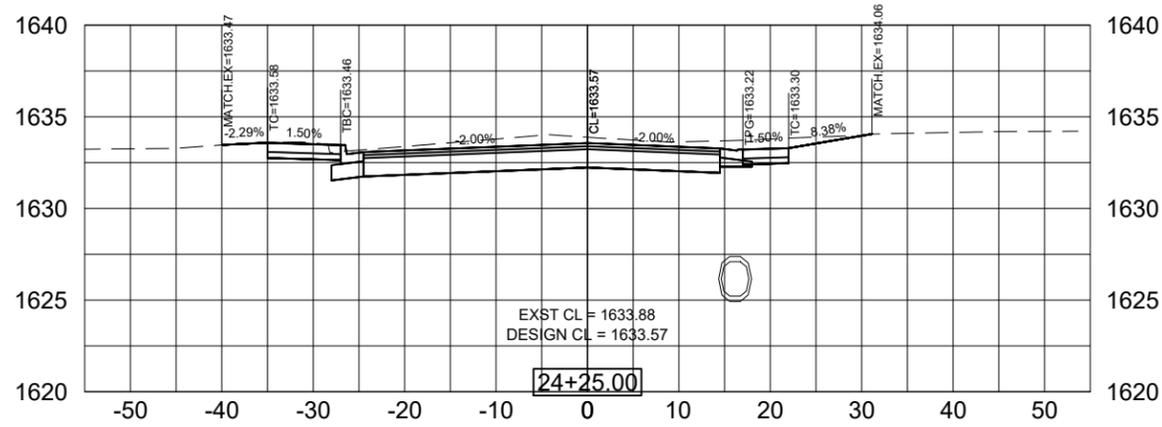
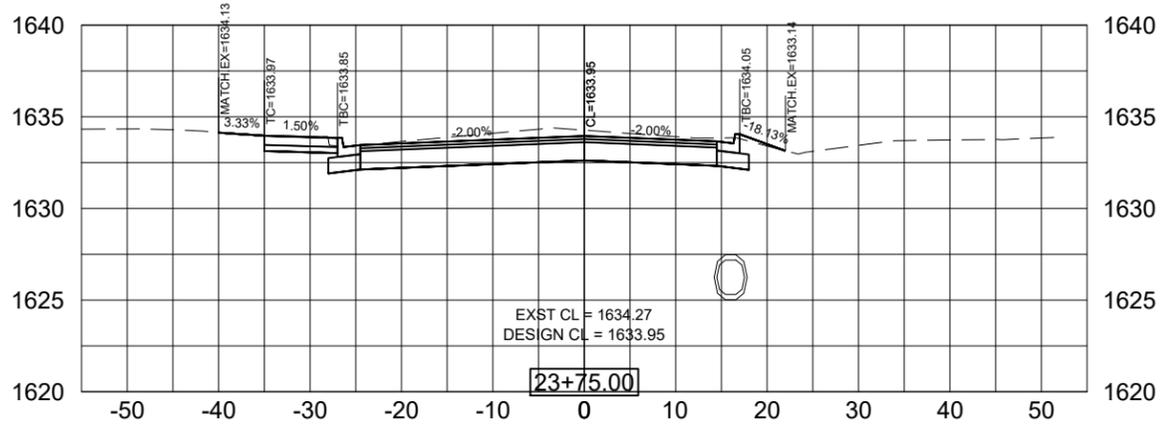
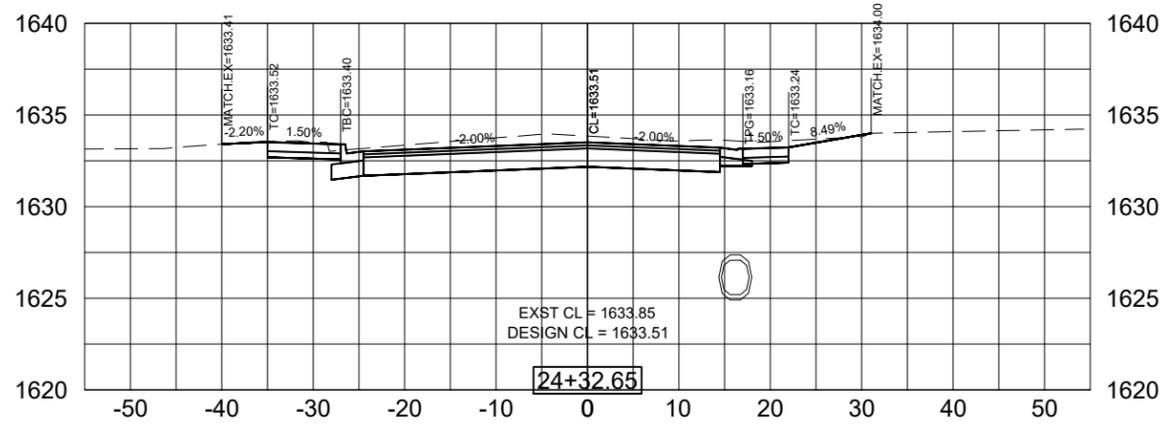
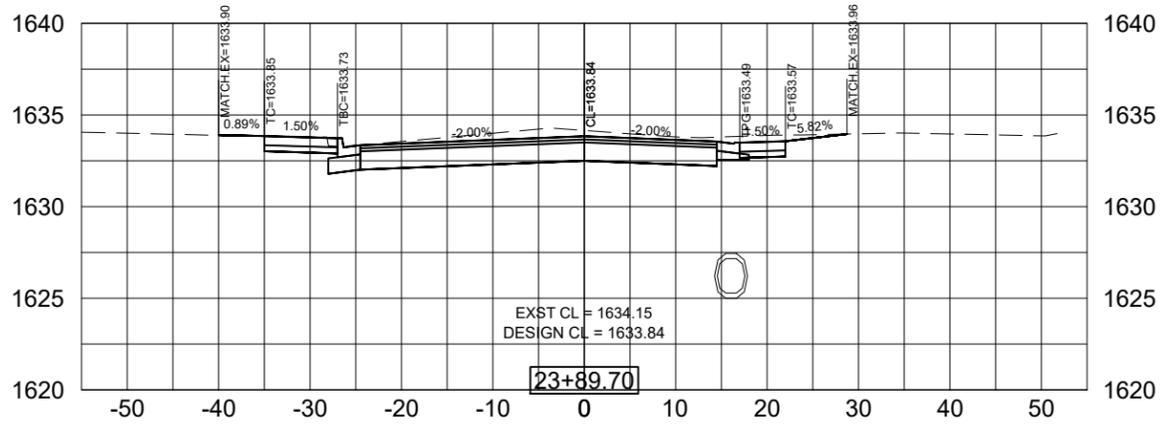
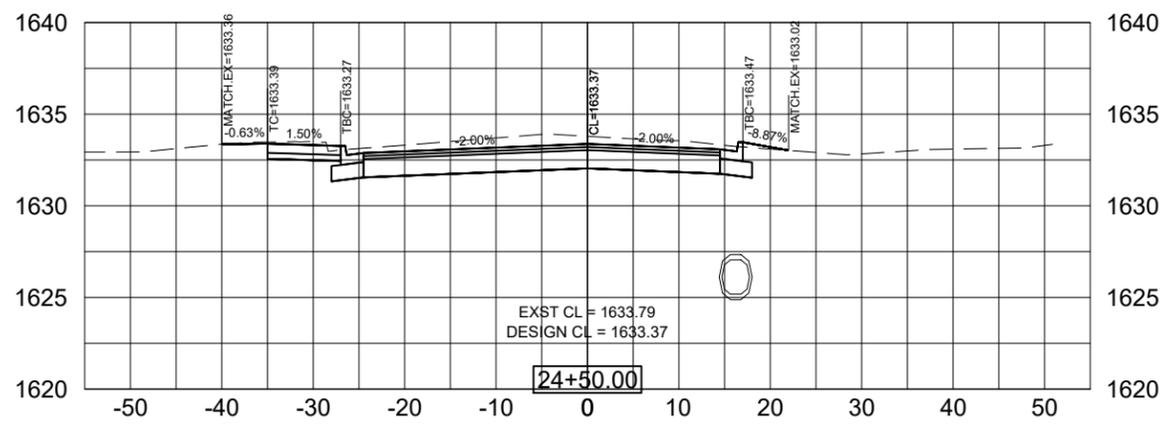
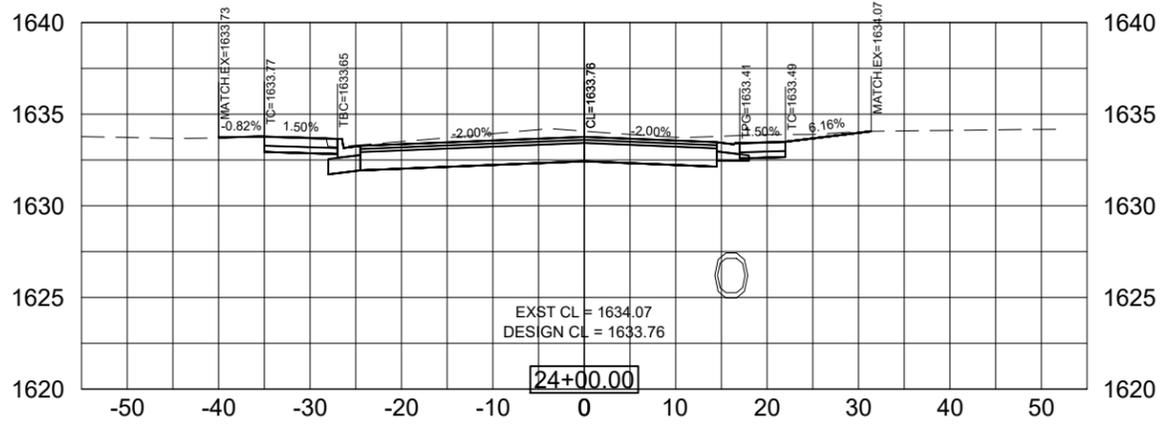
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JOB No.: 23574-00
DATE: JANUARY, 2024
ENG / ARCH: PMK
DESIGNER: PMK
TECHNICIAN: MRS

SCALE REDUCTION BAR
0 1/2" 1"

SHEET No.: M-24

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 24+32 TO STA 25+50
 VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

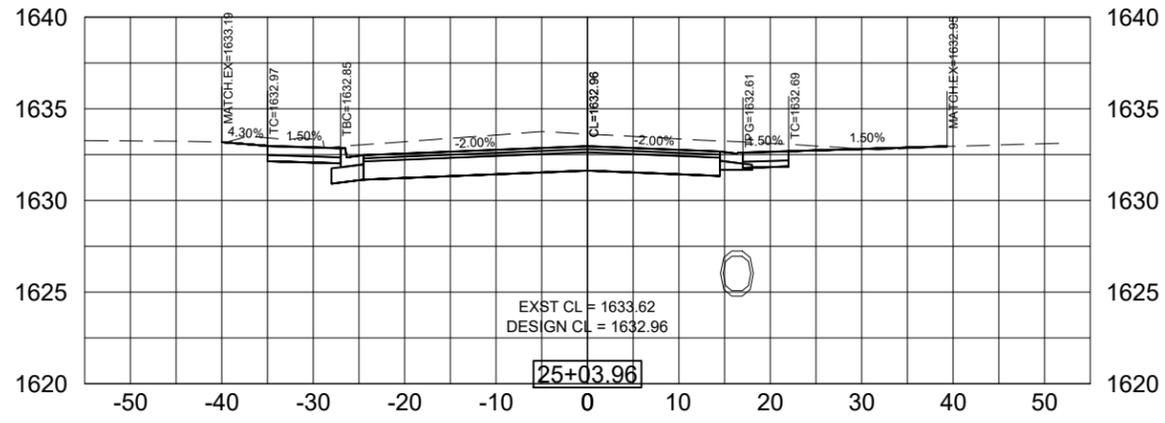
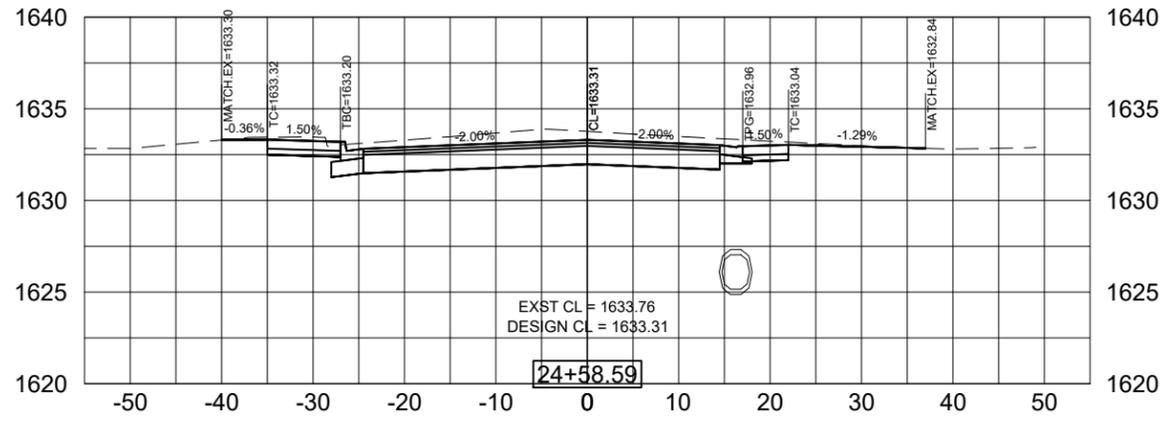
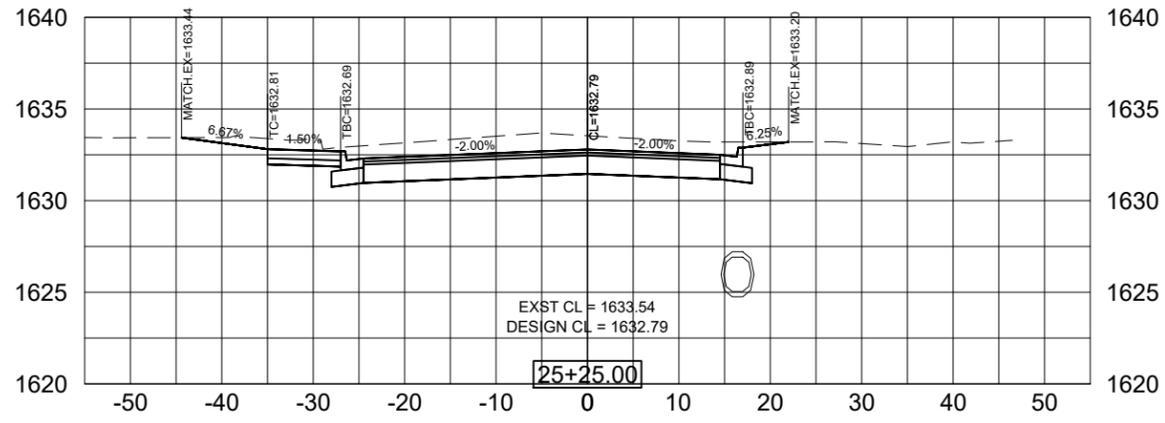
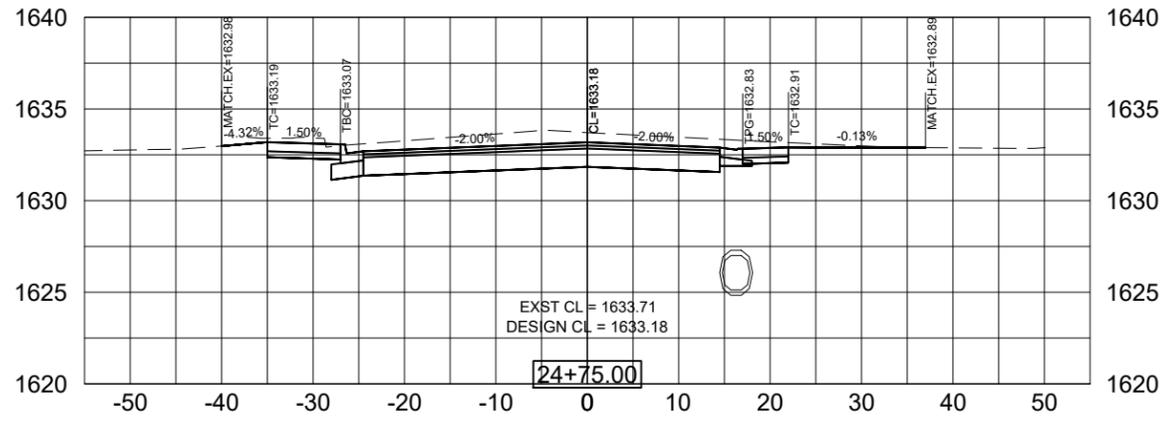
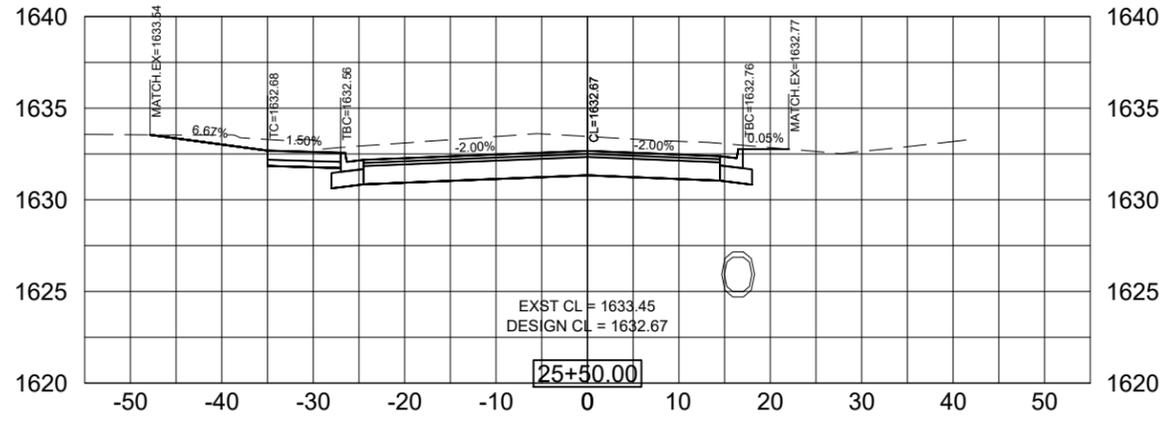
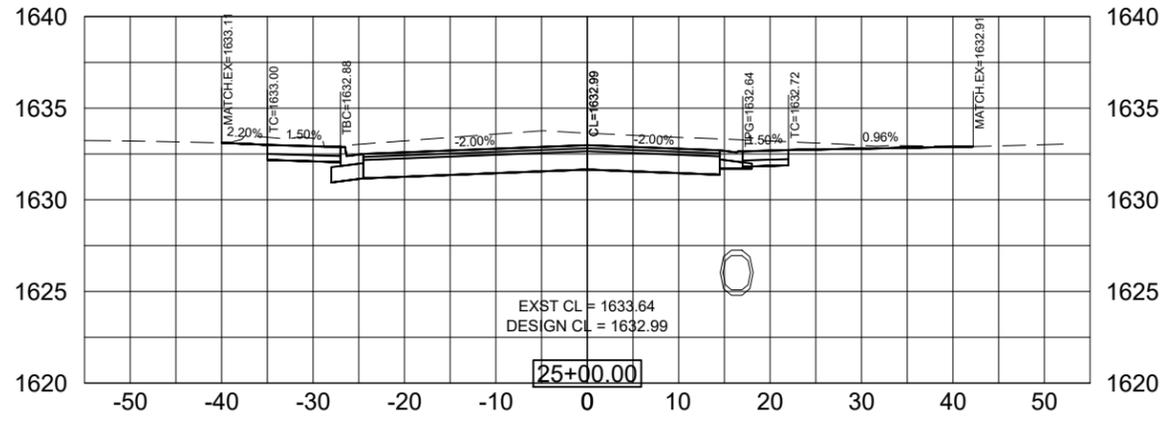
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR: 0 1/2" 1"

SHEET No.: M-25

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PROJECT / SHEET TITLE:

VOLGA - SAMARA AVE IMPROVEMENTS

SAMARA AVE CROSS SECTION - STA 25+75 TO STA 27+20

VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

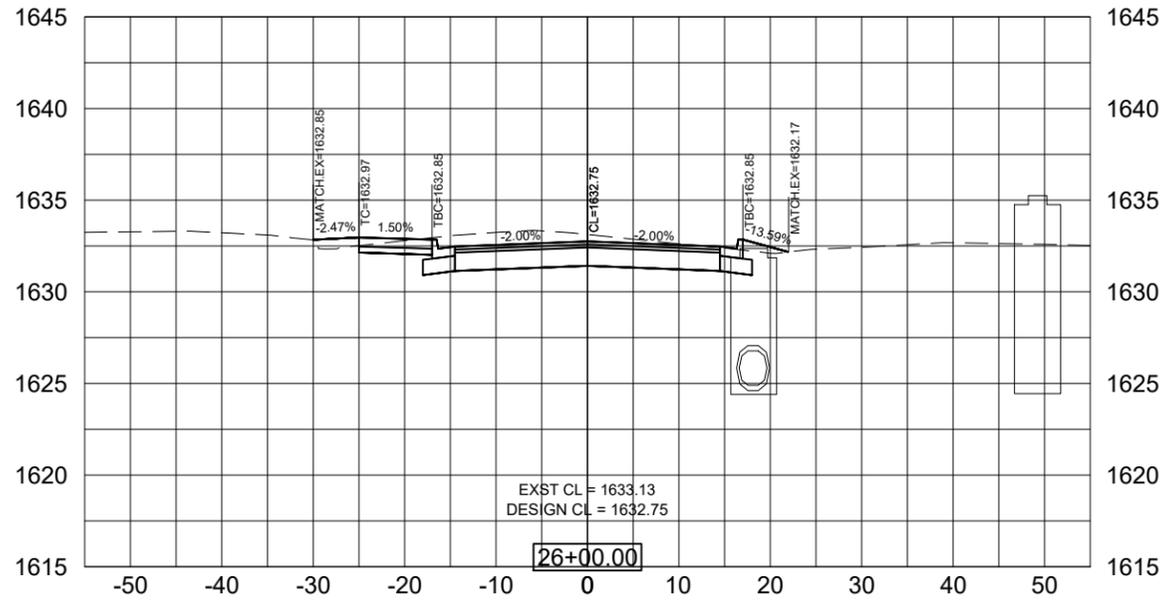
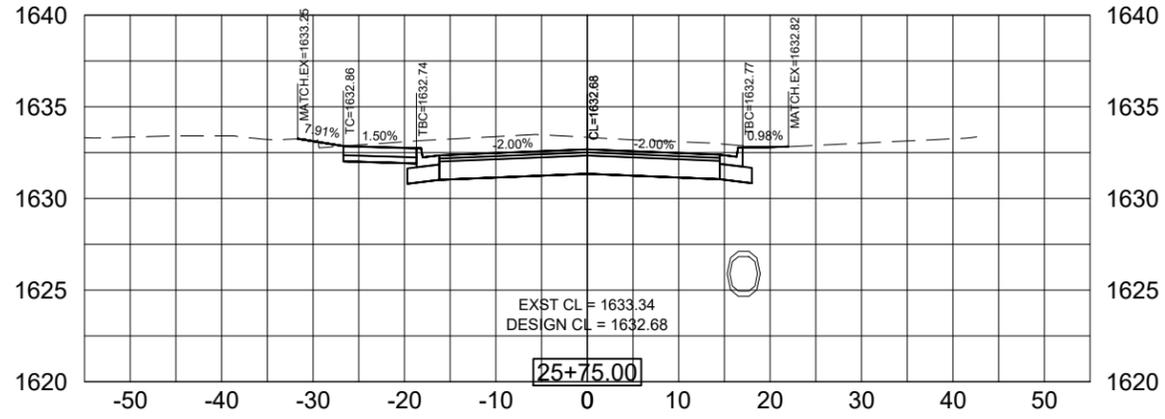
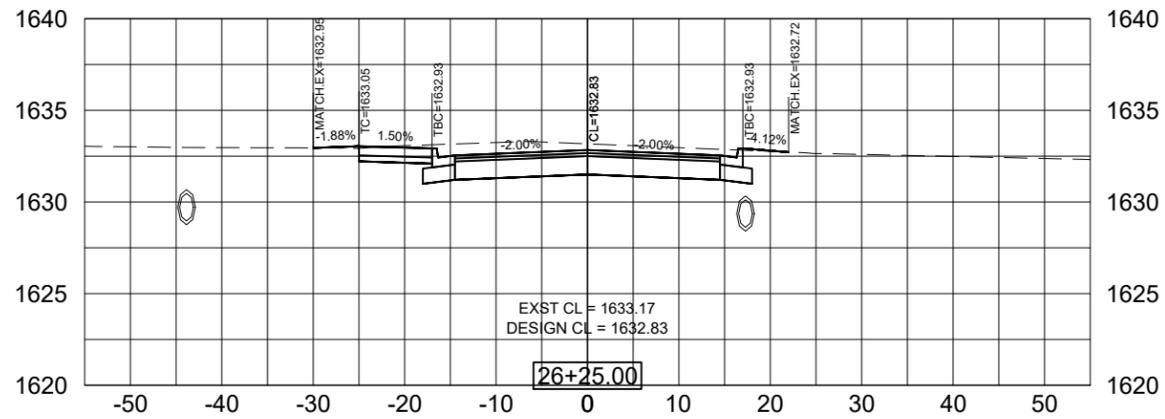
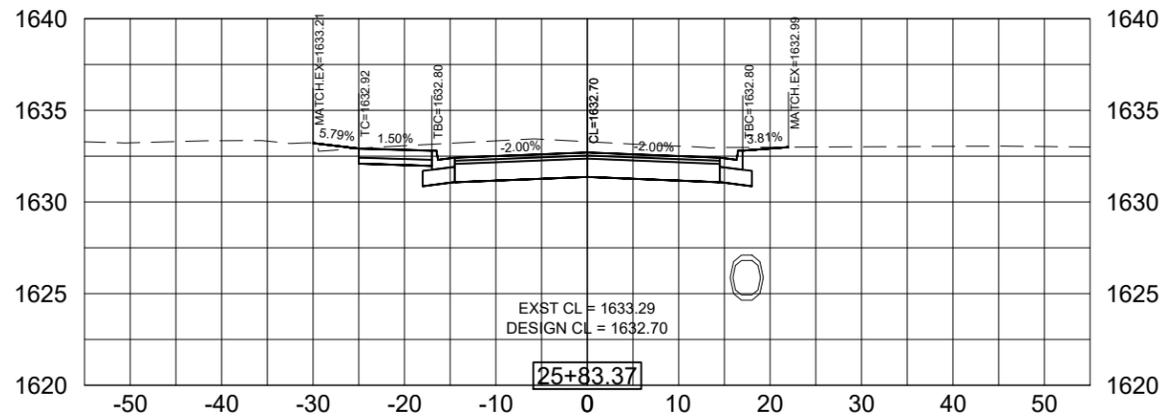
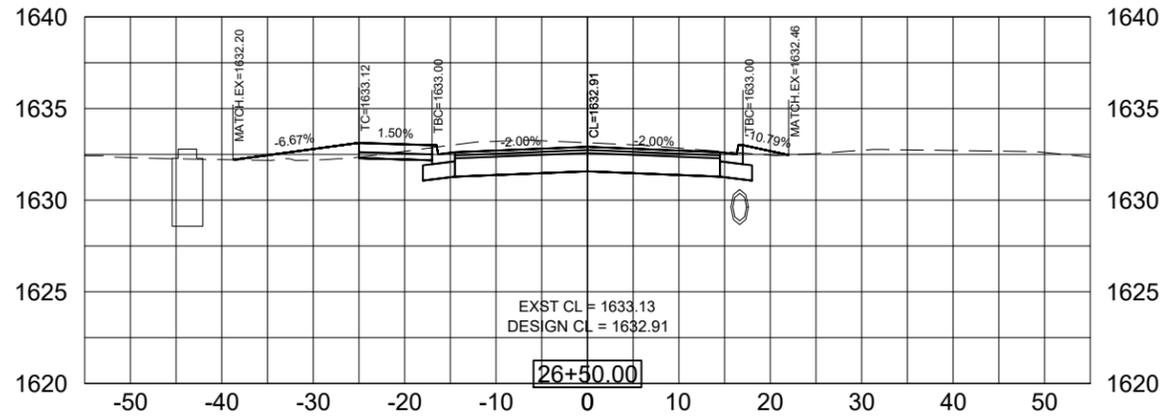
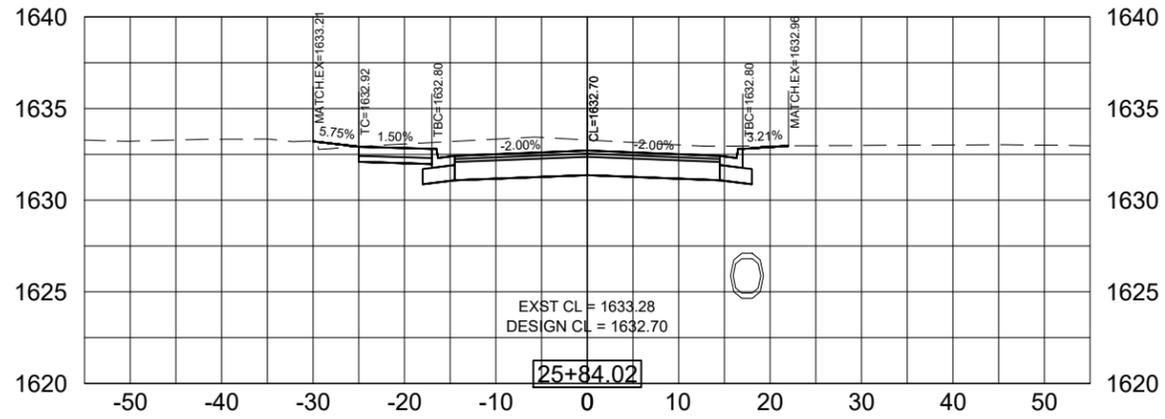
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JOB No.: 23574-00
 DATE: JANUARY, 2024
 ENG / ARCH: PMK
 DESIGNER: PMK
 TECHNICIAN: MRS

SCALE REDUCTION BAR
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SHEET No.: M-26

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PROJECT/SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE CROSS SECTION - STA 27+25 TO STA 28+50

REV.	DATE	DESCRIPTION

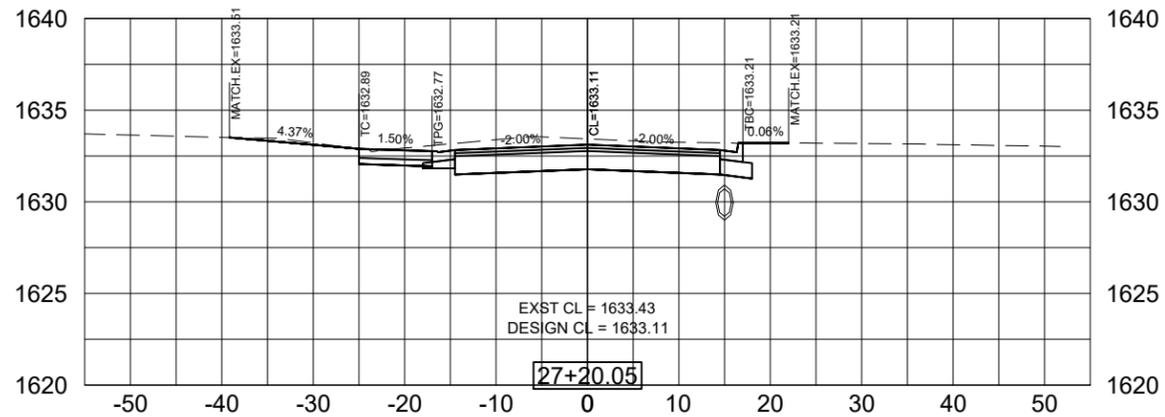
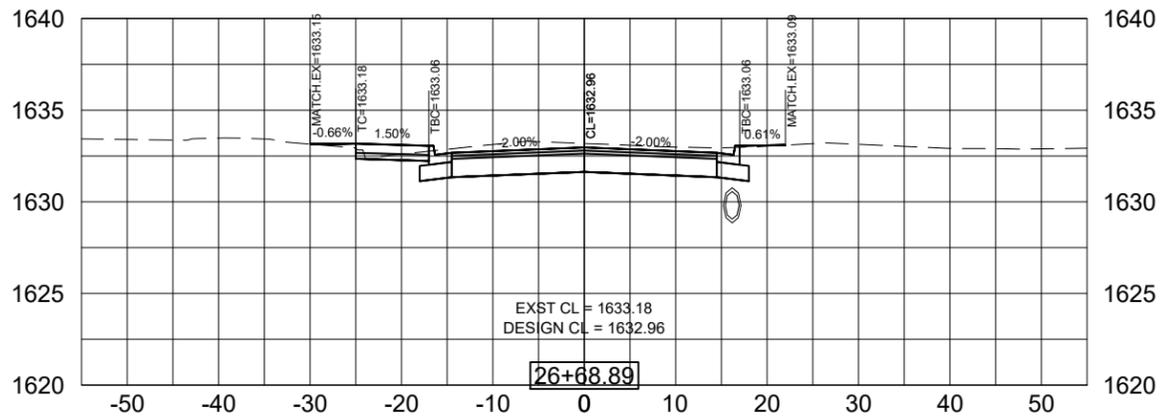
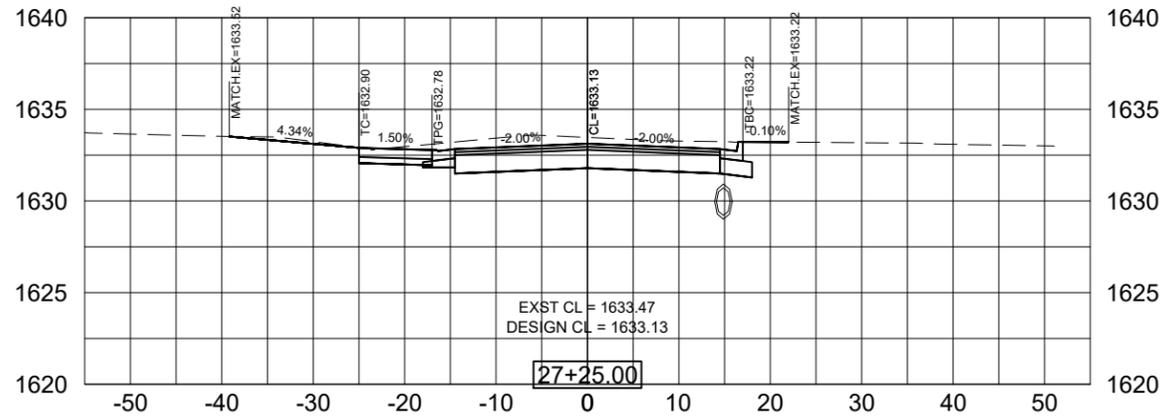
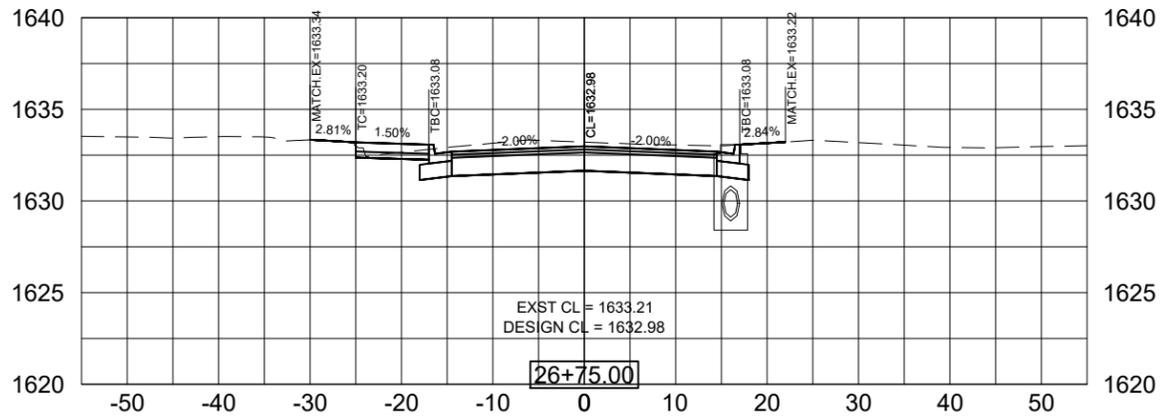
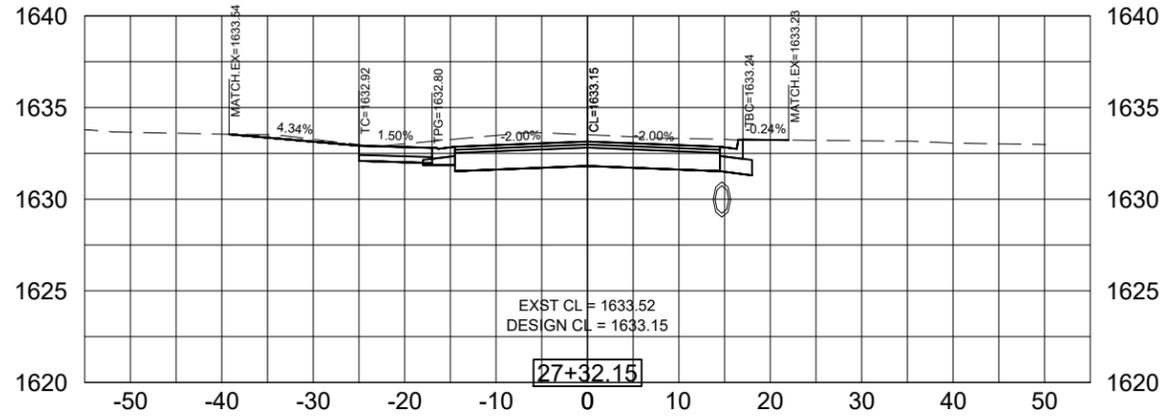
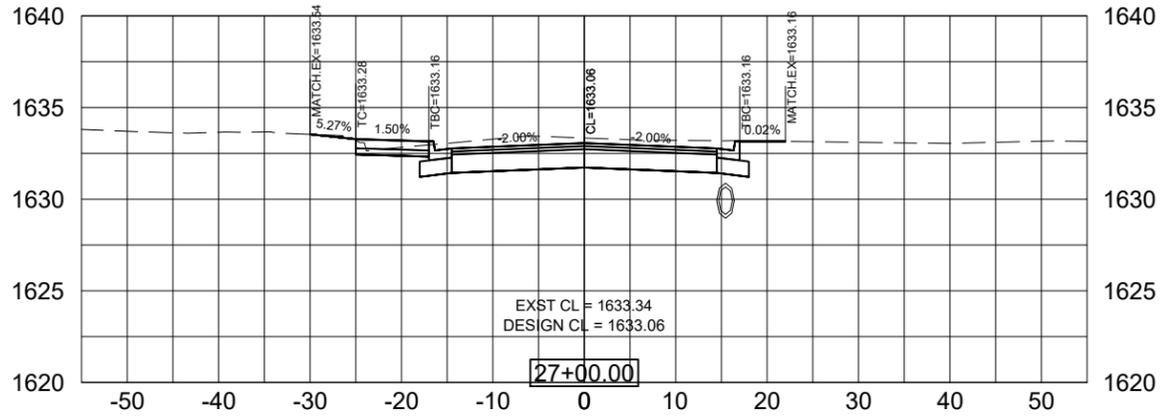
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS



SHEET No. : M-27

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE CROSS SECTION - STA 28+75 TO STA 30+25

REV.	DATE	DESCRIPTION

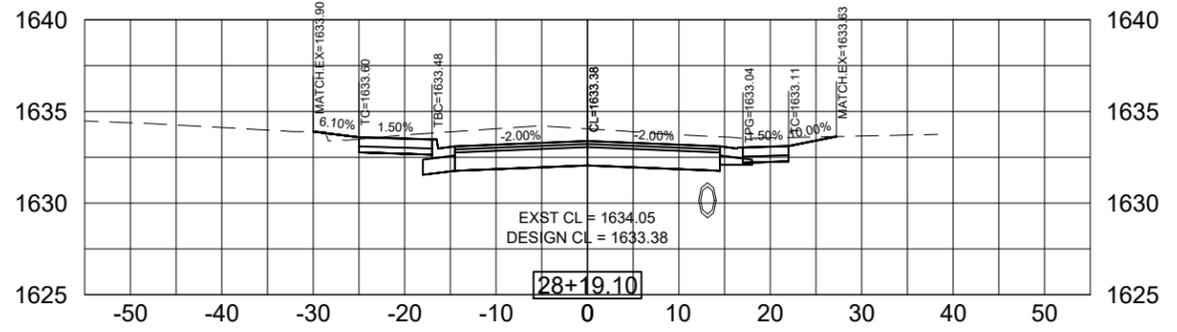
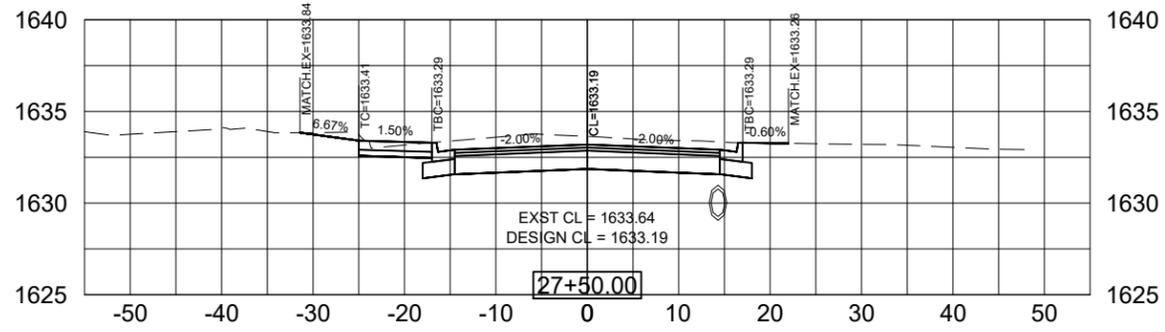
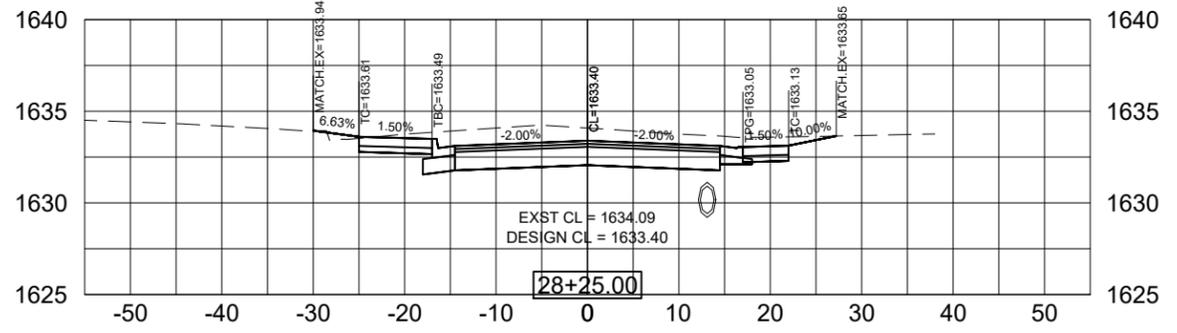
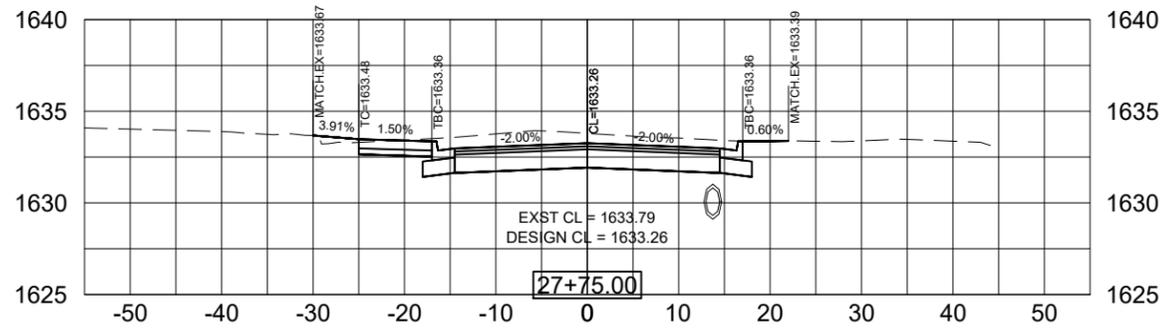
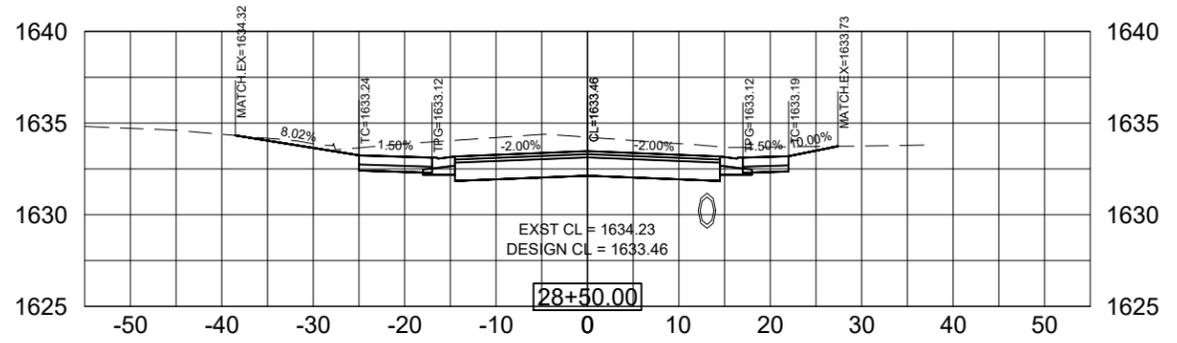
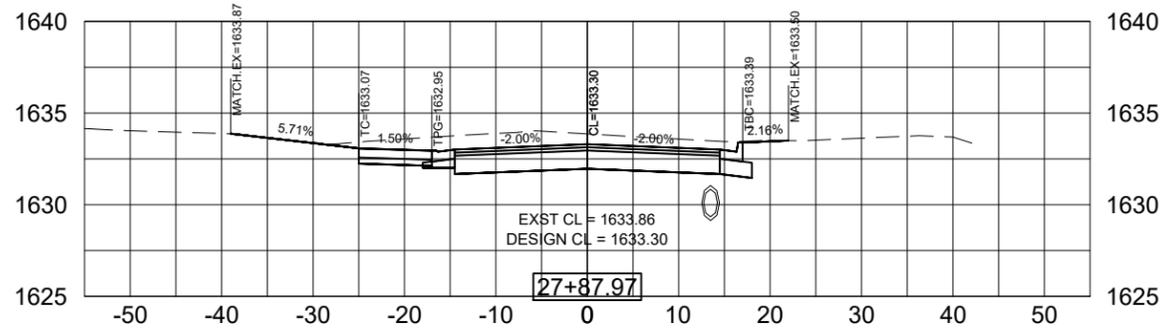
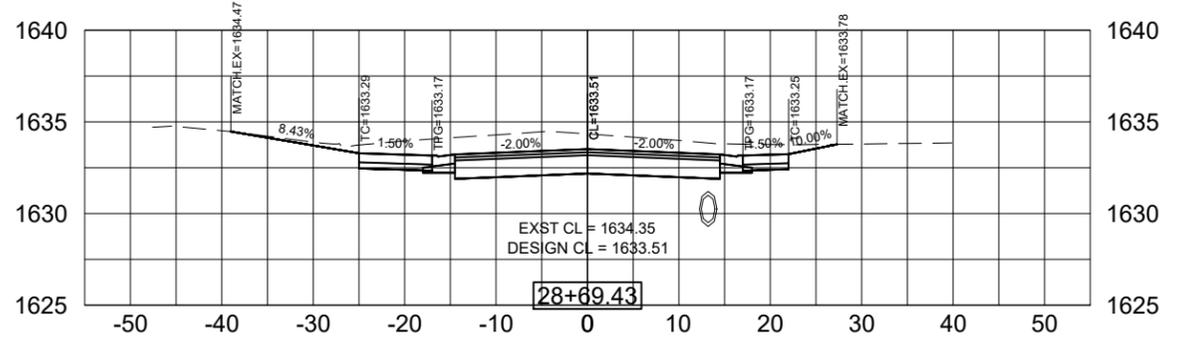
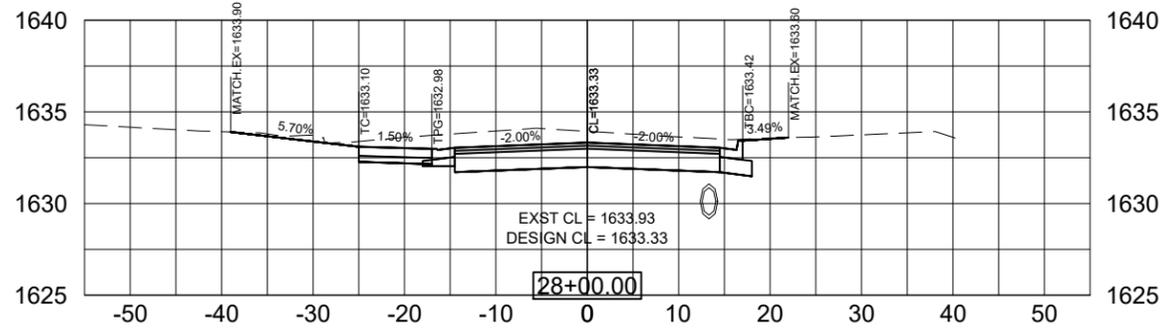
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JOB No.: 23574-00
DATE: JANUARY, 2024
ENG / ARCH: PMK
DESIGNER: PMK
TECHNICIAN: MRS

0 1/2" 1"
SCALE REDUCTION BAR

SHEET No.: M-28

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 30+50 TO STA 31+75
 VOLGA, SOUTH DAKOTA

REV.	DATE	DESCRIPTION

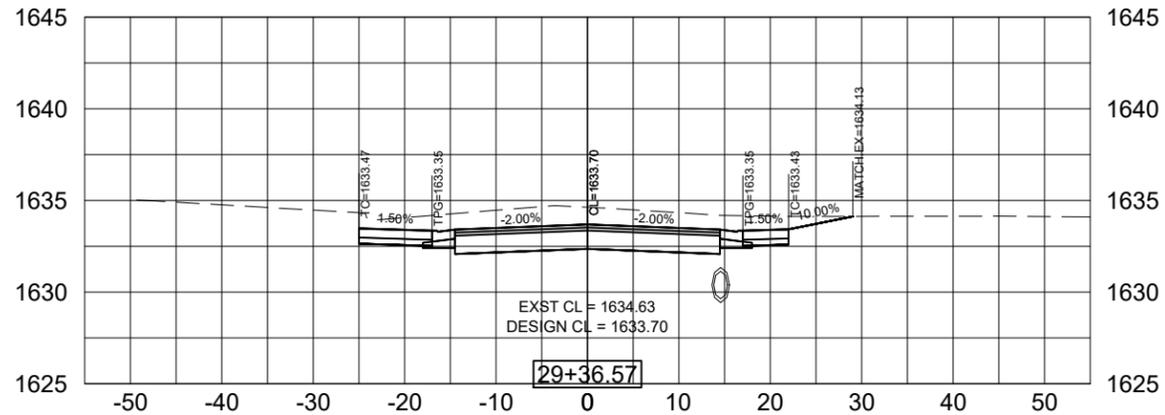
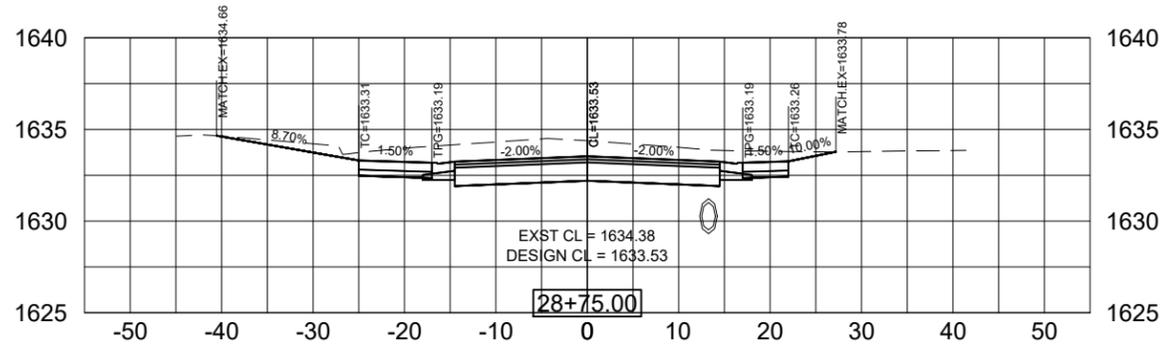
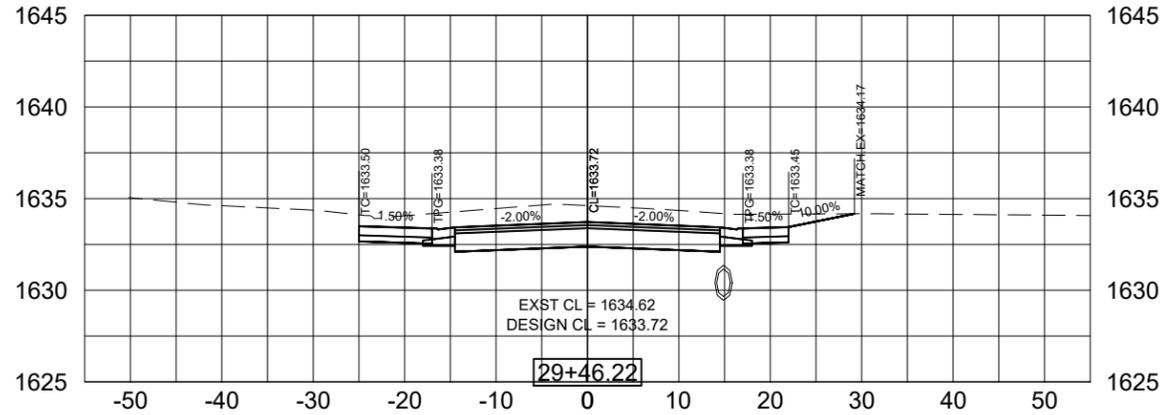
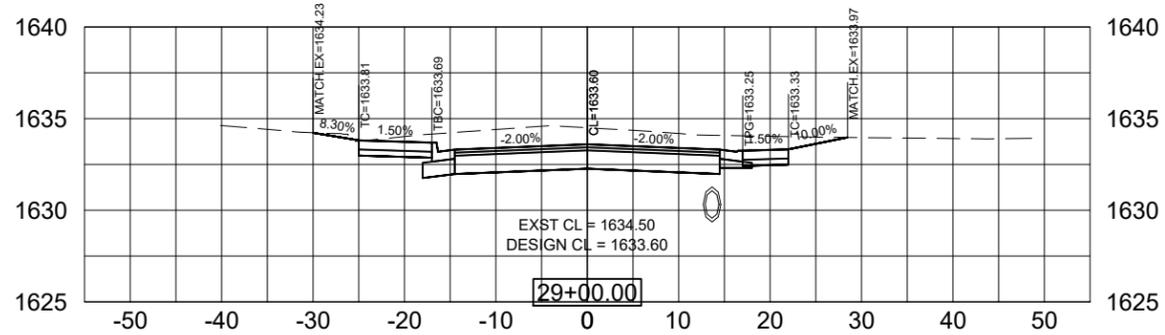
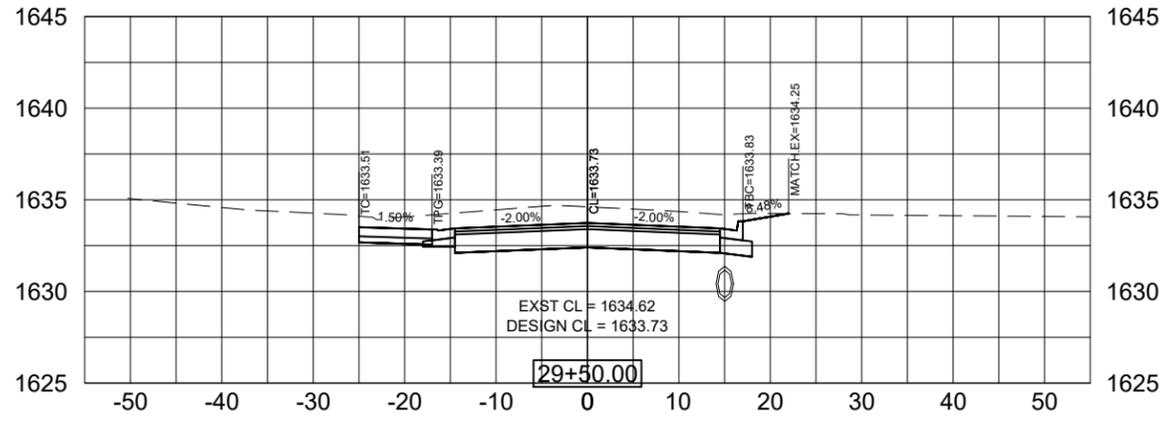
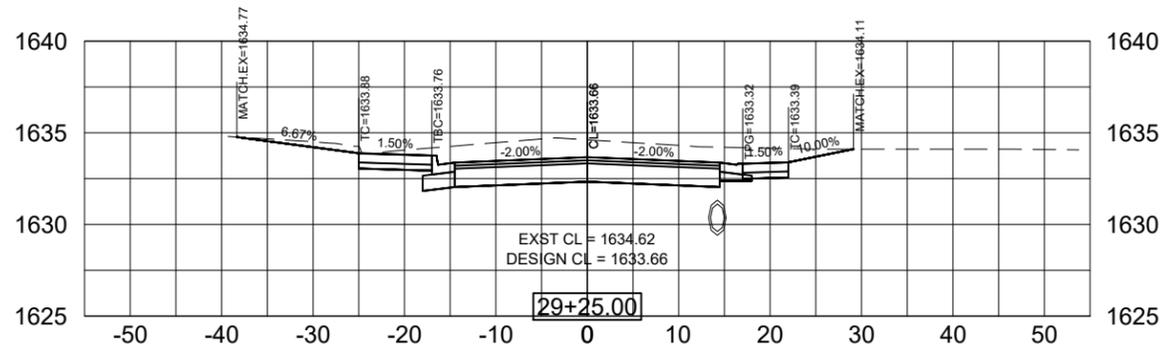
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JOB No.: 23574-00
 DATE: JANUARY, 2024
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 DESIGNER: PMK
 TECHNICIAN: MRS

SCALE REDUCTION BAR
 1" = 10'

SHEET No.: M-29

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
 SAMARA AVE CROSS SECTION - STA 31+80 TO STA 32+50

REV.	DATE	DESCRIPTION

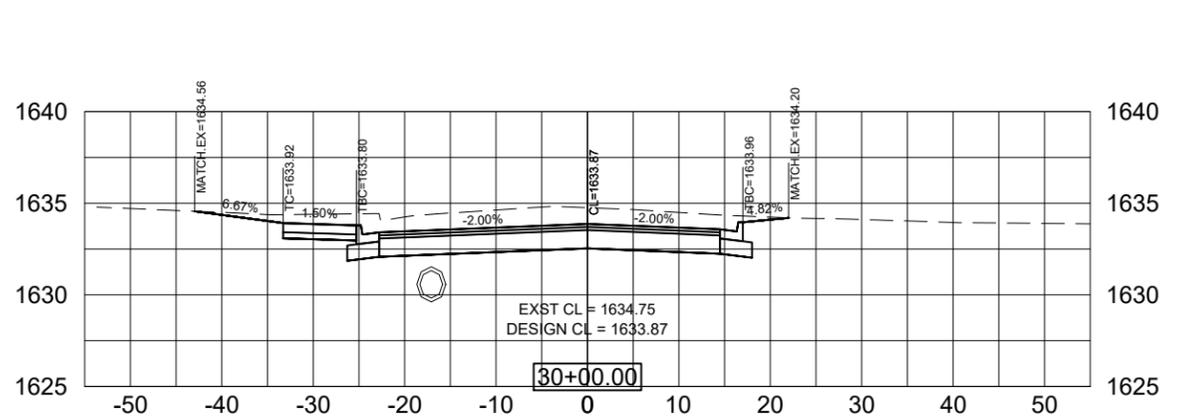
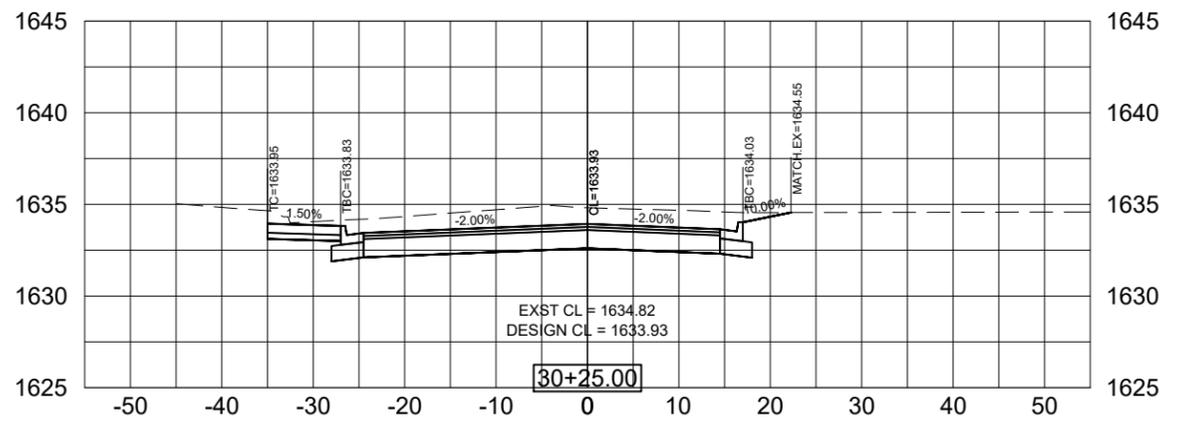
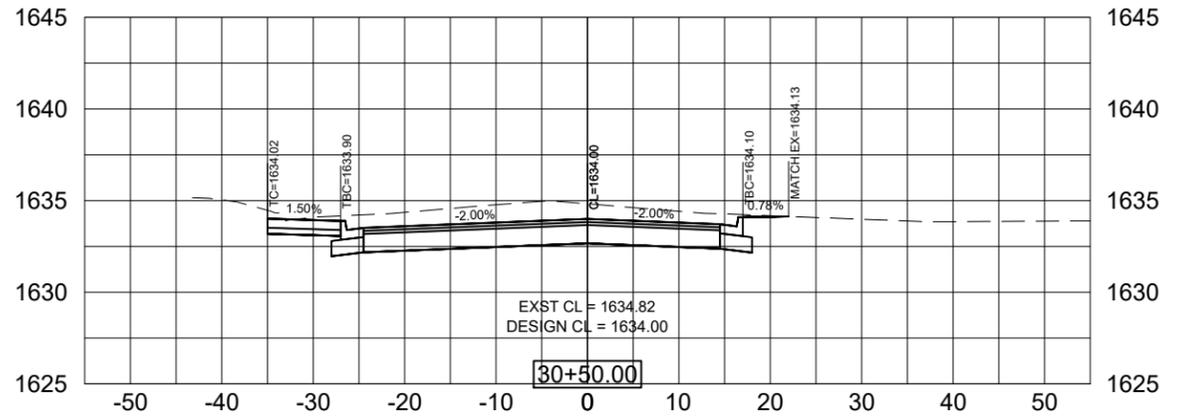
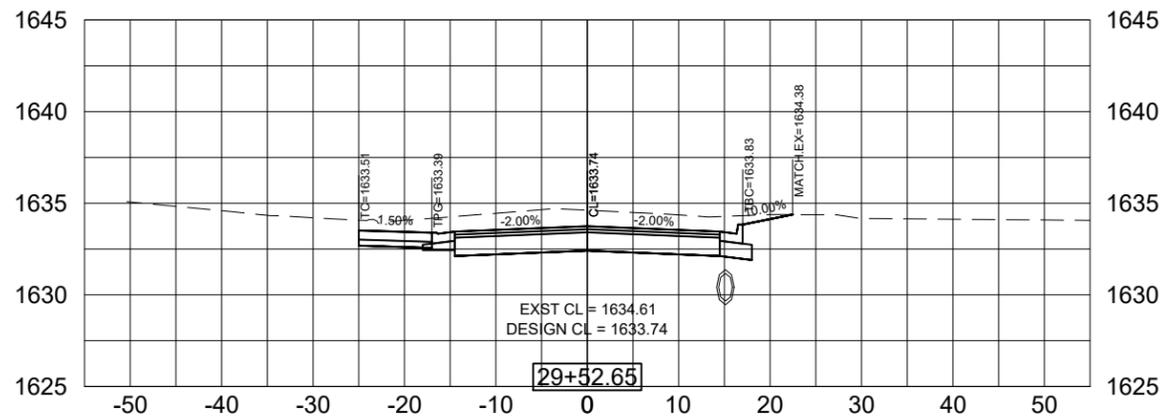
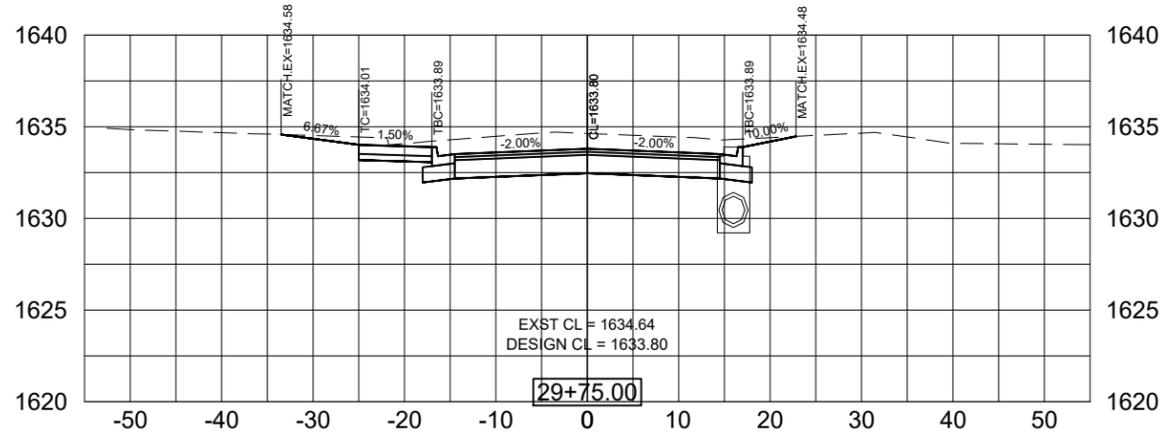
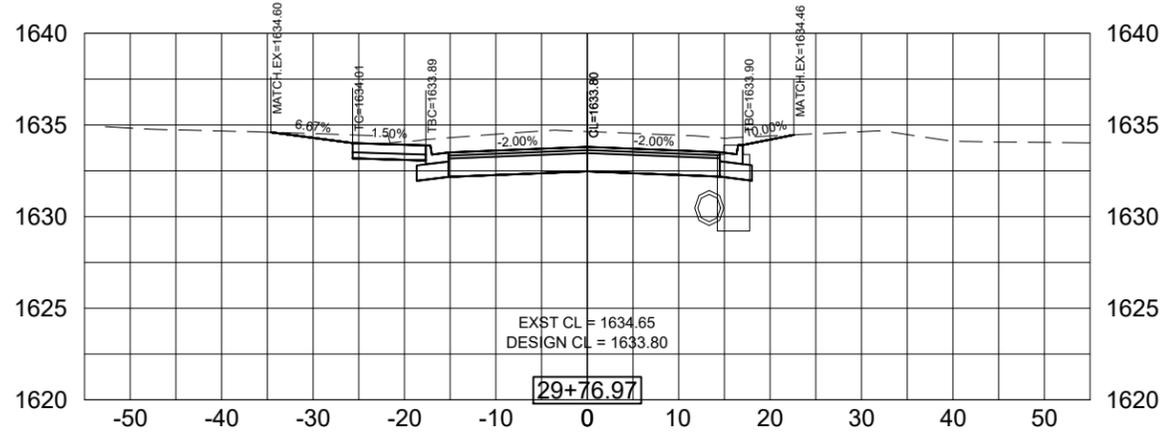
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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS



SHEET No. : M-30

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PROJECT / SHEET TITLE: VOLGA - SAMARA AVE IMPROVEMENTS
SAMARA AVE CROSS SECTION - STA 32+75 TO STA 34+00

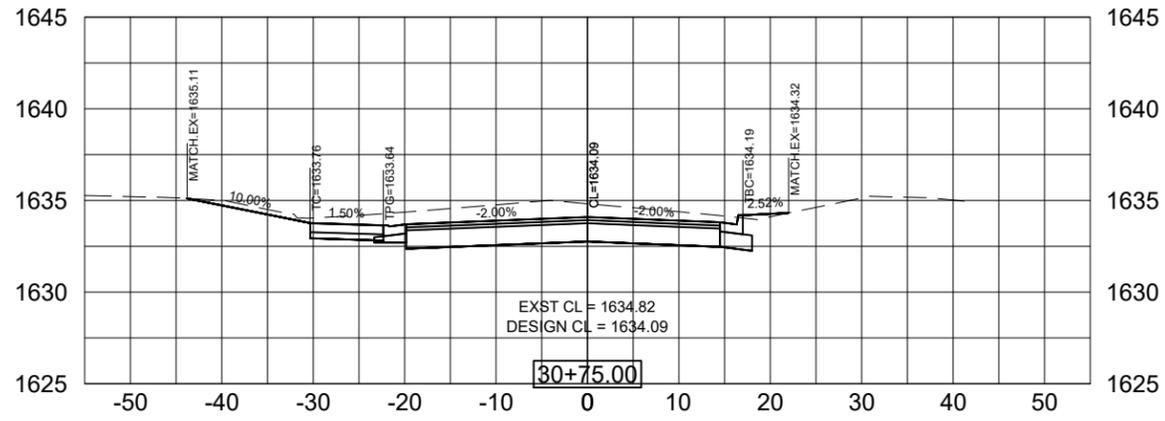
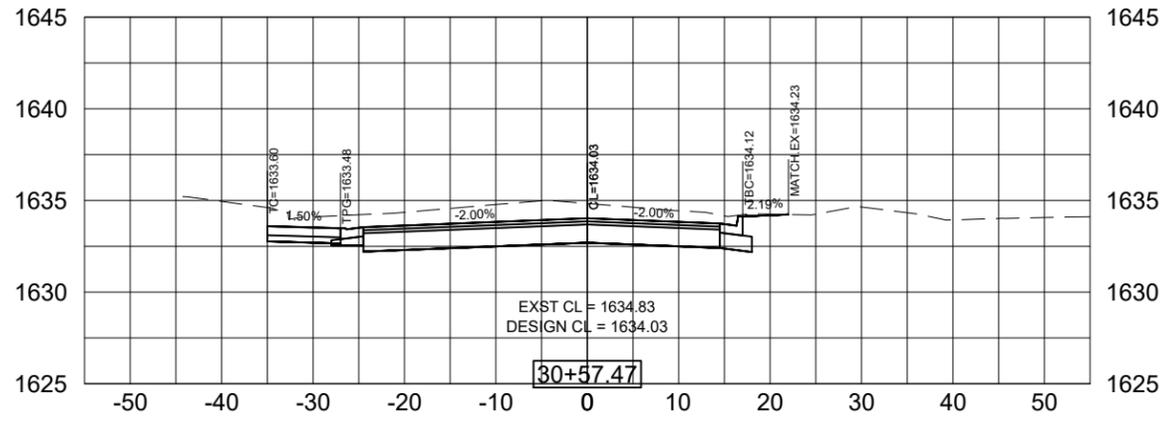
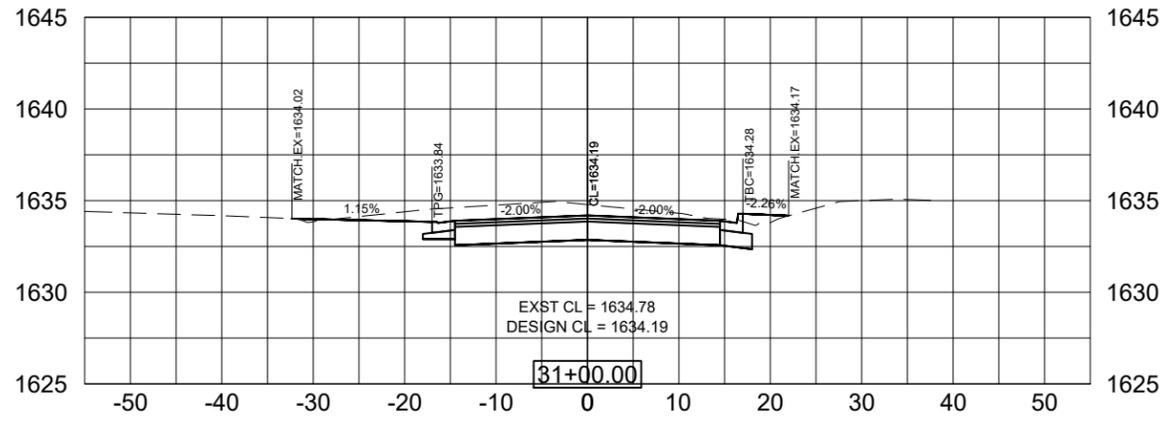
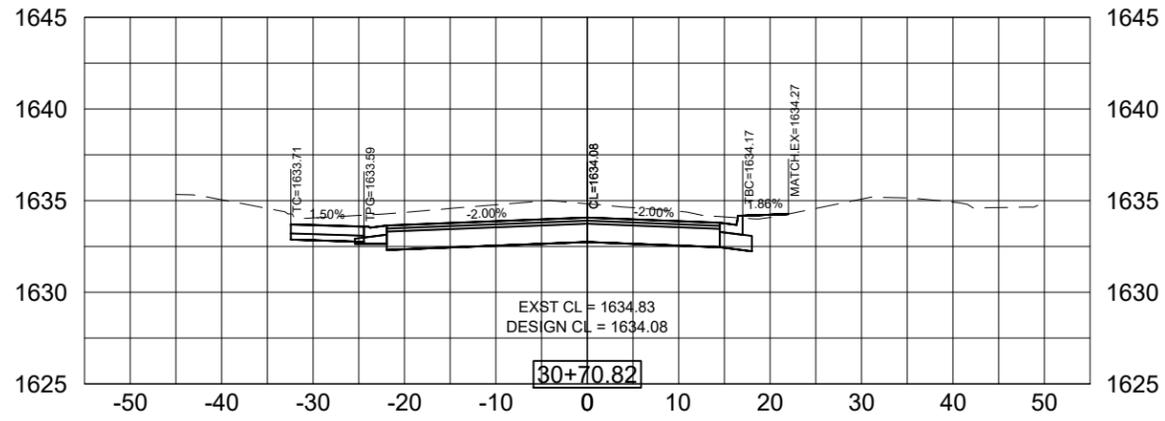
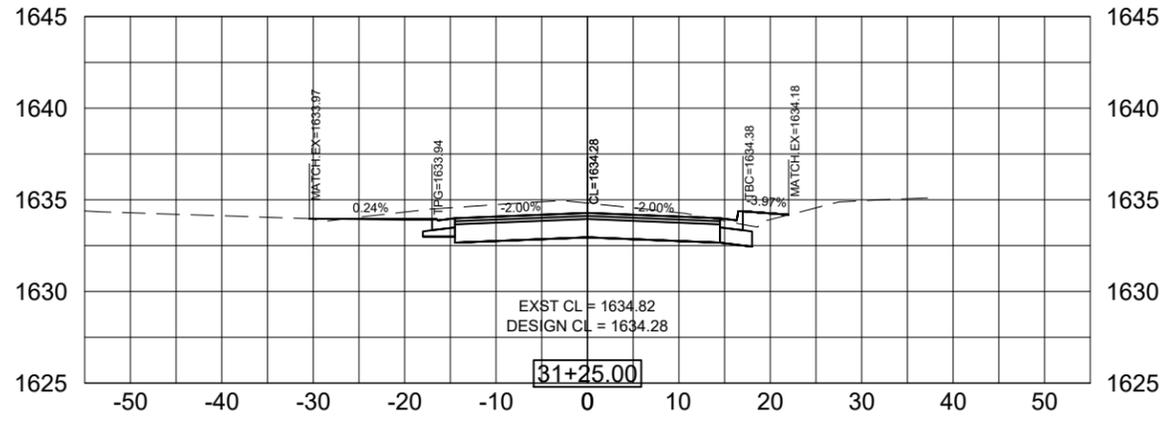
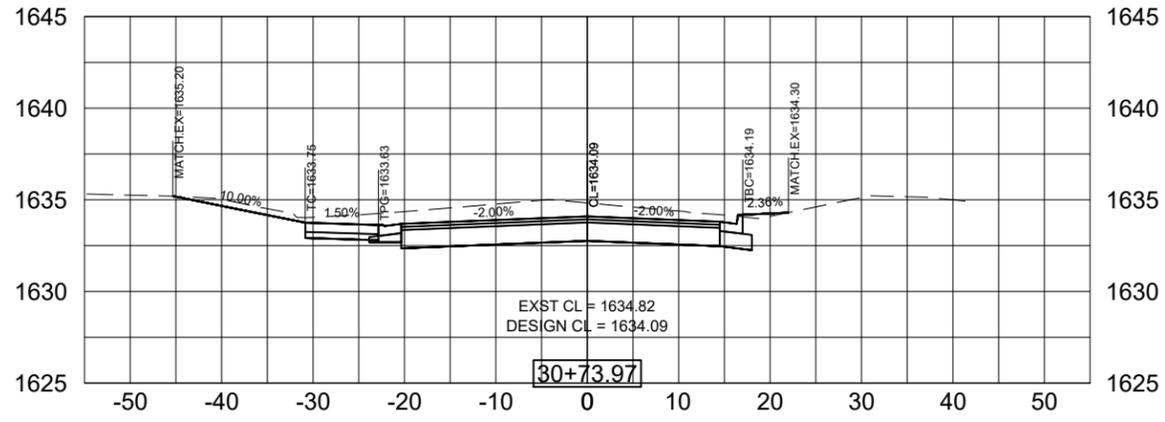
REV.	DATE	DESCRIPTION

**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS



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PROJECT / SHEET TITLE:

VOLGA - SAMARA AVE IMPROVEMENTS

SAMARA AVE CROSS SECTION - STA 34+25 TO STA 35+00

REV.	DATE	DESCRIPTION

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JOB No.:	23574-00
DATE:	JANUARY, 2024
ENG / ARCH:	PMK
DESIGNER:	PMK
TECHNICIAN:	MRS

SCALE REDUCTION BAR

1" = 10'

SHEET No. : M-32