



Title: Greenway to Cedar Trail Connection & Streambank Restoration 60% Briefing

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Purpose:

At the September 25, 2025, Minnehaha Creek Watershed District (MCWD) Board of Managers meeting, staff will provide an update on the progress of the Greenway to Cedar Trail Connection & Streambank Restoration project, including a review of the 60% design and cost estimate (attached), permitting considerations, and the status of several project agreements.

Summary:

Background

Since 2009, MCWD has worked with municipal and private partners on a series of projects in the highly urbanized corridor between West 34th Street and Meadowbrook Lake (Hopkins and St. Louis Park) to address downstream water quality and quantity issues, impaired ecological integrity within the creek and riparian corridor, lack of recreational access to Minnehaha Creek and to catalyze economic development. A conceptual design for the Minnehaha Creek Greenway encompassing these projects and identifying future projects in the corridor was developed in 2012, and once the 325 Blake Road Restoration and Redevelopment is complete, the Greenway to Cedar Trail Connection and Streambank Restoration project will fill the remaining gap in the network of trails and greenspace.

The trail connection will bring the Greenway trail under the newly constructed SWLRT corridor, creating the final trail connection between the Minnehaha Creek Preserve and the Cedar Lake LRT Regional Trail near 325 Blake Road, providing uninterrupted pedestrian infrastructure along Minnehaha Creek between Methodist Hospital in St. Louis Park and Cottageville Park in Hopkins. This project also provides an opportunity to stabilize the streambank and enhance the riparian zone of the stretch of Minnehaha Creek between 325 Blake Road and the Minnehaha Creek Preserve.

Feasibility, Project Ordering, and Design

Initial feasibility work was conducted in 2015/2016 by Wenck (now Stantec). MCWD contracted with Stantec and Inter-Fluve in 2022 to conduct a more detailed feasibility study to reflect current conditions in the creek and rail corridors, model the floodplain, and advance two potential trail alignments to assess constructability and land rights. During feasibility, MCWD staff worked closely with the City of St. Louis Park to understand the city's trail design requirements, maintenance preferences, and potential funding sources. The updated feasibility study resulted in two modified trail alignment options.

At the September 26, 2024, Board of Managers meeting a public hearing was held and the Board formally ordered the project. At the following Board of Managers meeting on October 10, 2024, the Board authorized contracting with Stantec Consulting Services, Inc. and subconsultant Inter-Fluve, Inc. to lead project design and engineering. A kickoff meeting with Stantec, MCWD, and agency partners was held on January 7, 2025, to gather information, share ideas, and identify any potential project hurdles.

Since 30% design was reviewed and a preferred trail alignment was confirmed at the May 8, 2025, Board of Managers meeting, staff and the design team have been working to advance designs to 60%, finalize the Phase I Environmental Site Assessment, update draft project agreements, and prepare for a community open house to be held September 30, 2025. Staff have also continued discussions with all project partners as designs have advanced, as detailed below.

Partnerships

Since 2012, MCWD has worked closely with St. Louis Park, the Metropolitan Council, Hennepin County, Three Rivers Park District, and several private property owners to ensure support for the trail project. All project partners were re-engaged in 2022 as the updated feasibility study was scoped and conducted, with engagement continuing throughout the current design process.

- **City of St. Louis Park:** St. Louis Park has identified the trail connection in its long-term non-motorized transportation planning document “Connect the Park” and has programmed the project in its active CIP. The City Council also passed a resolution of support for the project on September 9, 2024, expressing its intention to fund half the trail cost (exclusive of ecological restoration). MCWD and the City are currently drafting a project agreement to guide construction activities and cost share commitments.
- **Hennepin County:** Hennepin County awarded MCWD a \$200,000 grant through its Southwest Community Works Program to offset a portion of the trail construction cost.
- **Metropolitan Council:** During the planning of the Southwest LRT, MCWD and St. Louis Park worked with the Green Line Extension Project Office to design the new rail and regional trail bridges over Minnehaha Creek to allow for a future trail connection underneath the bridges. As the current overseer of the entire SWLRT corridor while it is under construction, Met Council is coordinating with MCWD on the required permits and access agreements necessary to construct and maintain the trail connection through the rail corridor and tie into the Cedar Lake LRT Regional Trail.
- **Three Rivers Park District (TRPD):** Once construction of the SWLRT is complete, TRPD will own and operate the Cedar Lake LRT Regional Trail and is coordinating the design and construction of the connector trail tie-in with MCWD.
- **Professional Instruments Company (PIC):** A corner of PIC’s commercial property adjacent to Minnehaha Creek will be impacted by a short segment of the trail connection. PIC is supportive of the project and has been actively working with MCWD to draft an agreement with MCWD and the City to memorialize coordination efforts during construction and reflect a sale of land rights allowing MCWD to construct its trail over a small portion of PIC’s property.
- **Private residences:** MCWD staff continued conversations with several private residential property owners immediately upstream of the rail and regional trail bridges to explore the potential to collaborate on additional streambank restoration.

September 25, 2025, MCWD Board of Managers Meeting

At the September 25, 2025, Board of Managers meeting, staff will provide an update on all aspects of the project, solicit Board feedback on the 60% design direction, detail next steps, and present an updated project timeline.

Supporting documents:

- Attachment A: 60% design
- Attachment B: 60% cost estimate

CONSTRUCTION PLANS

FOR

MCWD CEDAR-GREENWAY TRAIL
CONNECTION PROJECT

CITY PROJECT NUMBER:

SAINT LOUIS PARK, MINNESOTA

AUGUST 2025

ENGINEER



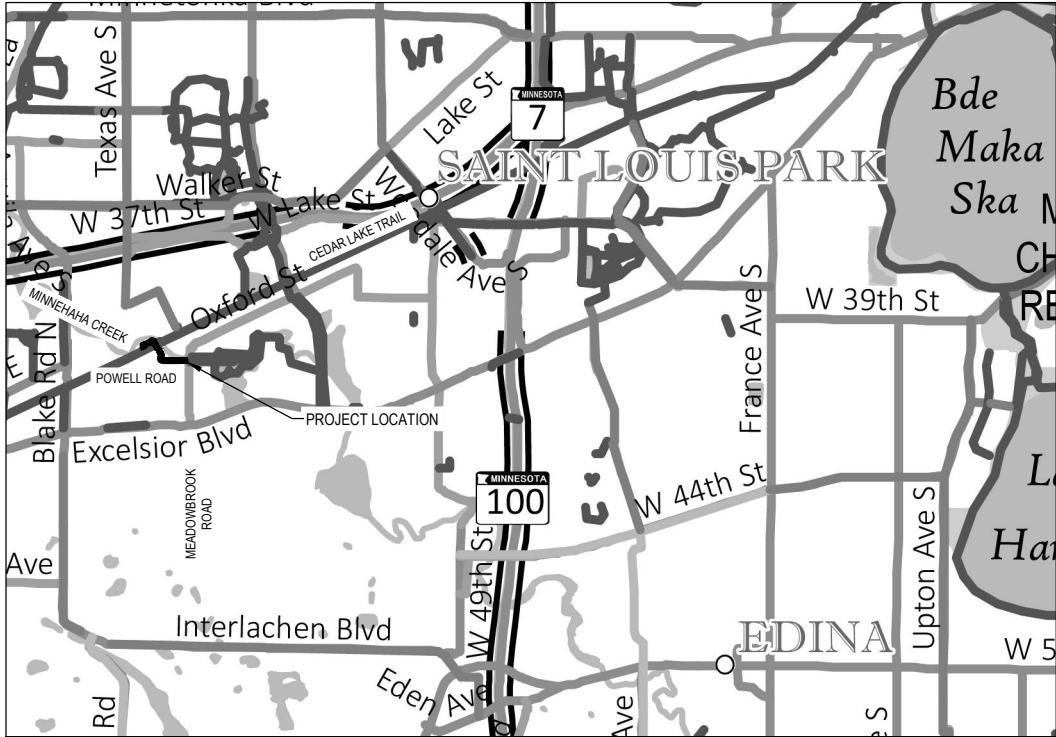
STANTEC CONSULTING SERVICES INC.
ONE CARLSON PARKWAY
SUITE 100
PLYMOUTH, MN 55447

(P) - 763-479-5174
CONTACT: NICK WYERS

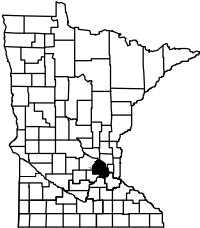
CLIENT



MINNEHAHA CREEK WATERSHED DISTRICT (MCWD)
15320 MINNETONKA BLVD
MINNETONKA, MINNESOTA 55345
(P) - 952-471-0590
CONTACT: GABRIEL SHERMAN



VICINITY MAP
NOT TO SCALE



PROJECT LOCATION
CITY: SAINT LOUIS PARK
COUNTY: HENNEPIN

THIS SHEET SET CONTAINS 15 SHEETS

SHEET INDEX	
Sheet Number	Sheet Title
G0.01	TITLE SHEET
G0.02	LEGENDS
C0.01	EXISTING CONDITIONS & REMOVALS PLAN
C5.01	STORM SEWER PLAN AND PROFILE
C6.01	OVERALL CONSTRUCTION PLAN
C6.02	CONSTRUCTION PLAN AND PROFILE
C6.03	CONSTRUCTION PLAN AND PROFILE
C6.04	CONSTRUCTION PLAN AND PROFILE
C6.05	PEDESTRAIN RAMP DESIGN
C7.01	CROSS SECTIONS
C7.02	CROSS SECTIONS
C7.03	CROSS SECTIONS
C7.04	CROSS SECTIONS
C7.05	CROSS SECTIONS
C7.06	CROSS SECTIONS



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MCWD CEDAR-GREENWAY
TRAIL CONNECTION
CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

0

1

2

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ISSUE NO.:

DATE:

PROJECT NO.: 227707443

DWN BY: JE CHKD BY: NW APPD BY: NW

ISSUE DATE: 09/22/2025

ISSUE NO.: 2

SHEET TITLE:

TITLE SHEET

SHEET NO.:

G0.01

EXISTING TOPOGRAPHIC SYMBOLS

	STORM SEWER APRON		POLE-COMMUNICATIONS
	BASKETBALL POST		POLE-GUY
	BARRICADE PERMANENT		POLE-LIGHT
	BENCH		POLE-POWER
	BOOSTER STATION		POLE-UTILITY
	BUILDING LOWEST OPENING		POLE-UTILITY SERVICE
	BURIAL CONTROL MONUMENT		POST
	BUSH DECIDUOUS		PROPANE TANK
	CATCH BASIN BEEHIVE		PICNIC TABLE
	CURB BOX		SAMPLING WELL
	CATCH BASIN		ROCK
	COLUMN		RR SIGNAL CONTROL BOX
	CONTROL BOX SIGNAL		RR CROSSING GATE
	CLEAN OUT (SEWER)		RR SIGNAL
	CULVERT END		REGULATION STATION GAS
	DRINKING FOUNTAIN		SATELLITE DISH
	ENERGY DISSIPATER		SEPTIC TANK
	FLAG POLE		SEPTIC VENT
	FUEL PUMP		SEPTIC DRAIN FIELD
	GUY WIRE		SIGN
	GRILL		SOIL BORING
	HANDICAP SPACE		STAND PIPE GAS
	HANDHOLE		SPIGOT WATER
	FIRE HYDRANT		SPRINKLER HEAD
	HYDRANT PVMNT MARKER (REFLECTOR)		SPRINKLER VALVE BOX
	HYDRANT VALVE		STUMP
	INLET (SMALL DIA.)		SERVICE-GAS POINT ON LINE
	LIFT STATION CONTROL PANEL		SERVICE-SANITARY SEWER POINT ON LINE
	LIFT STATION DRY WELL		SERVICE-STORM SEWER POINT ON LINE
	LIFT STATION WET WELL		SERVICE-WATER POINT ON LINE
	LIGHT YARD		TELEPHONE BOOTH
	LOOP DETECTOR		TRANSMISSION TOWER ELECTRIC
	MAIL BOX		TEST PIT LOC
	MAIL RELAY BOX		TRACER WIRE BOX
	MANHOLE-AIR RELEASE		TRANSFORMER POWER
	MANHOLE-HEAT		TREE DEAD
	MANHOLE-GAS		TREE-CONIFEROUS
	MANHOLE-POWER		TREE-DECIDUOUS
	MANHOLE-SANITARY SEWER		TREE-FRUIT
	MANHOLE-STORM SEWER		TRASH CAN
	MANHOLE-COMMUNICATIONS		TRAFFIC SIGNAL
	MANHOLE-UNKNOWN		VALVE GAS
	MANHOLE-WATER		VALVE
	METER POWER		VENT GAS
	METER GAS		WATER REDUCER
	ORDINARY HIGH WATER MARK		WETLAND
	OUTLET CONTROL STRUCTURE		WELL-MONITORING
	PARKING METER		WELL-WATER
	PEDESTRIAN PUSH BUTTON		
	PEDESTAL POWER		
	PEDESTAL CATV		
	PEDESTAL COMMUNICATIONS		
	POST INDICATOR VALVE		

SURVEY SYMBOLS

	AERIAL CONTROL POINT
	BACKSIGHT CONTROL POINT
	GPS CONTROL POINT
	JUDICIAL LAND MONUMENT
	MONUMENT COMPUTED
	MONUMENT IRON FOUND
	MONUMENT IRON SET
	RESECTED POINT
	ROW MONUMENT
	ROW MARKER POST
	SECTION CORNER
	TRAVERSE CONTROL POINT
	BENCH MARK LOCATION

PROPOSED TOPOGRAPHIC SYMBOLS

	BOLLARD
	SANITARY CLEANOUT
	MANHOLE
	SANITARY OR STORM LIFT STATION
	STORM SEWER BEEHIVE CATCH BASIN
	STORM SEWER CATCH BASIN
	STORM SEWER FLARED END SECTION
	STORM SEWER OUTLET STRUCTURE
	STORM SEWER OVERFLOW STRUCTURE
	CURB BOX
	FIRE HYDRANT
	WATER REDUCER
	VALVE
	RIP RAP
	DRAINAGE FLOW
	PEDESTRIAN RAMP

EXISTING PRIVATE UTILITY LINES

	CABLE TV QUALITY LEVEL D
	CABLE TV QUALITY LEVEL C
	CABLE TV QUALITY LEVEL B
	CABLE TV QUALITY LEVEL A
	FIBER OPTIC QUALITY LEVEL D
	FIBER OPTIC QUALITY LEVEL C
	FIBER OPTIC QUALITY LEVEL B
	FIBER OPTIC QUALITY LEVEL A
	POWER QUALITY LEVEL D
	POWER QUALITY LEVEL C
	POWER QUALITY LEVEL B
	POWER QUALITY LEVEL A
	COMMUNICATION QUALITY LEVEL D
	COMMUNICATION QUALITY LEVEL C
	COMMUNICATION QUALITY LEVEL B
	COMMUNICATION QUALITY LEVEL A
	OVERHEAD POWER
	OVERHEAD COMMUNICATION
	OVERHEAD UTILITIES

EXISTING TOPOGRAPHIC LINES

	RETAINING WALL
	FENCE - BARBED WIRE
	FENCE - CHAIN LINK
	FENCE - DECORATIVE
	FENCE - STOCKADE
	FENCE - WOOD
	FENCE - ELECTRIC
	GUARD RAIL
	TREE LINE
	WETLAND

SURVEY LINES

	BOUNDARY
	CENTERLINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	FLOOD PLAIN BOUNDARY
	EXISTING LOT LINE
	PROPOSED LOT LINE
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	SETBACK LINE
	SECTION LINE
	QUARTER SECTION LINE
	SIXTEENTH SECTION LINE

EXISTING UTILITY LINES

	FORCE MAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER
	WATER MAIN
	WATER SERVICE

PROPOSED UTILITY LINES

	FORCE MAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER DRAINTILE
	STORM SEWER
	WATER MAIN
	WATER SERVICE
	PIPE CASING

FUTURE UTILITY LINES

	FORCE MAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER DRAINTILE
	STORM SEWER
	WATER MAIN
	WATER SERVICE
	PIPE CASING

CONCRETE CURB AND GUTTER

	EXISTING
	PROPOSED
	FUTURE
	DEMOLITION
	CONSTRUCTION BOUNDARY

GRADING INFORMATION

	EXISTING CONTOUR MINOR EXISTING CONTOUR MAJOR PROPOSED CONTOUR MINOR PROPOSED CONTOUR MAJOR PROPOSED GRADING LIMITS / SLOPE LIMITS PROPOSED SPOT ELEVATION
x 953.53 x STA:5+67.19 980.87	RISE:RUN (SLOPE)

ABBREVIATIONS

AD	ALGEBRAIC DIFFERENCE
BV	BUTTERFLY VALVE
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
CL	CENTER LINE
CL.	CLASS
CMP	CORRUGATED METAL PIPE
C.O.	CHANGE ORDER
DIP	DUCTILE IRON PIPE
EL/ELEV	ELEVATION
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EX	EXISTING
FES	FLARED END SECTION
F/F	FACE TO FACE
FM	FORCE MAIN
F.O.	FIELD ORDER
GV	GATE VALVE
HP	HIGH POINT
HWL	HIGH WATER LEVEL
INV	INVERT
K	CURVE COEFFICIENT
LP	LOW POINT
MH	MANHOLE (SANITARY)
NTS	NOT TO SCALE
NWL	NORMAL WATER LEVEL
PC	POINT OF CURVE
PCC	COMPOUND CURVE
PI	POINT OF INTERSECTION
P	PROPERTY LINE
PPVC	PERFORATED POLYVINYL CHLORIDE PIPE
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT-OF-WAY
SS	STORM SEWER STRUCTURE
STA	STATION
TCE	TEMPORARY CONSTRUCTION EASEMENT
TNH	TOP NUT HYDRANT
TYP	TYPICAL
VC	VERTICAL CURVE
WM	WATER MAIN

HATCH PATTERNS

	HEAVY DUTY BITUMINOUS		SAND
	BITUMINOUS		BEDROCK
	CONCRETE		GROUND
	GRAVEL		

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TRAIL CONNECTION

CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:	0	1	2						
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DESCRIPTION:	FEASIBILITY STUDY	30% PLANS	60% PLANS						
DATE:	11/04/2023	XX/XX/2025	09/22/2025						

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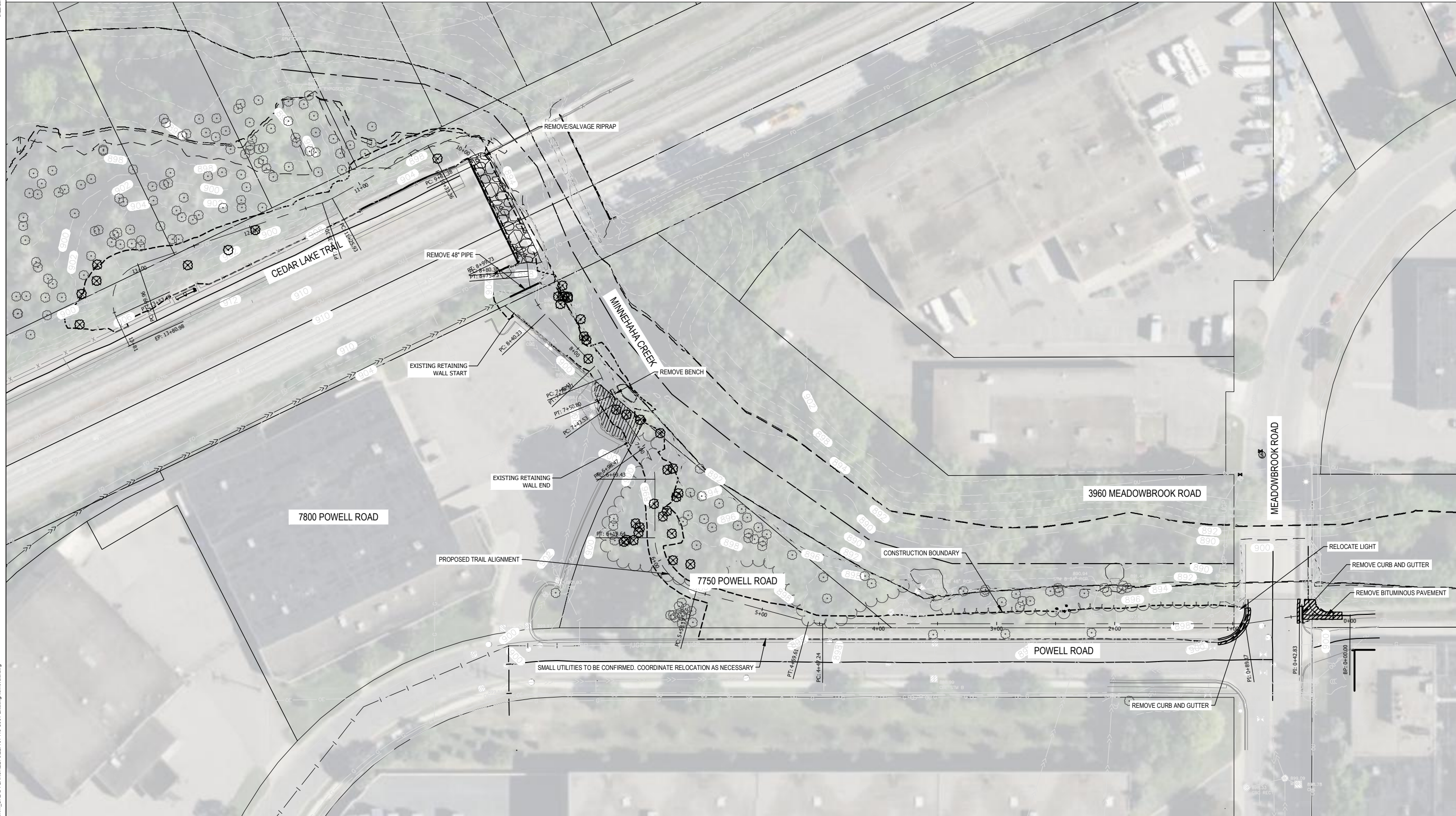
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LEGENDS

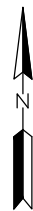
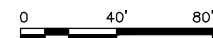
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	EXISTING PROPERTY LINE		EXISTING STORM SEWER MANHOLE
	EXISTING RETAINING WALL		EXISTING STORM SEWER INLET
	EXISTING STORM SEWER		EXISTING STORM SEWER INLET
			EXISTING LIGHT POLE
			EXISTING FLARED END SECTION

	TRAIL CENTERLINE
	CONSTRUCTION BOUNDARY
	REMOVE TREE



CLIENT:



**MCWD CEDAR-GREENWAY
TRAIL CONNECTION**
CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

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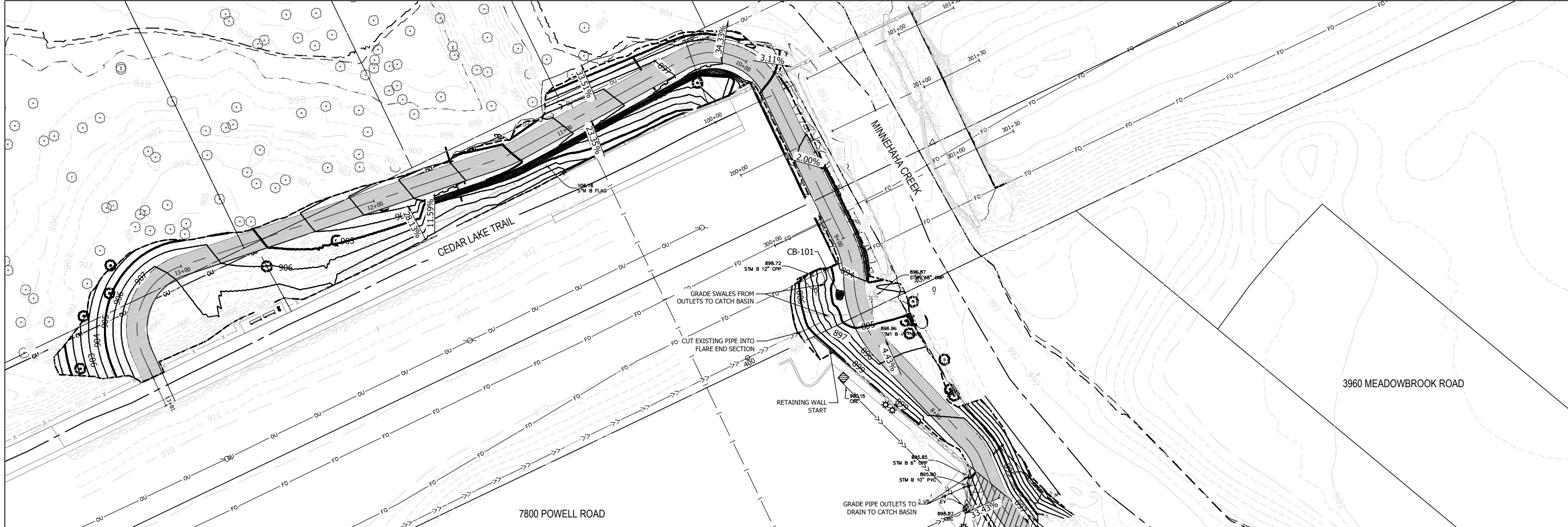
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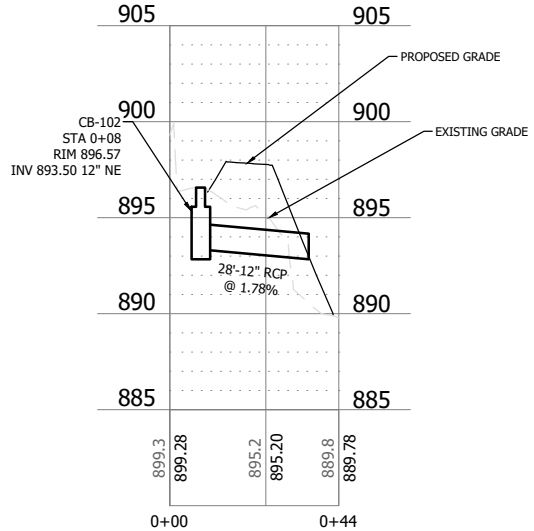
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EXISTING
CONDITIONS &
REMOVALS PLAN

SHEET NO.:
C0.01

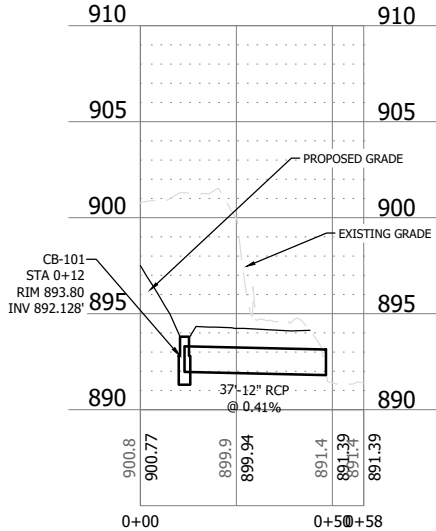
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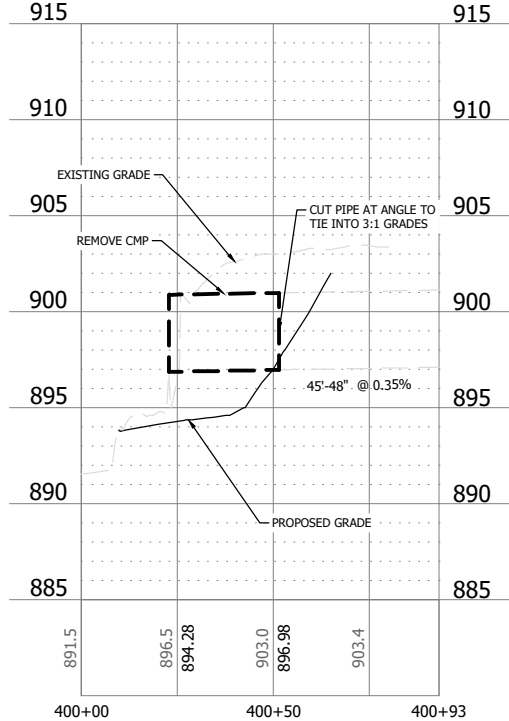
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ALIGNMENT: STRM-CROSSING-TRL-STA8+50



ALIGNMENT: STRM-CROSSING-TRL-STA8

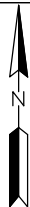
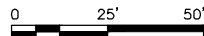


EXISTING LEGEND

- EXISTING PROPERTY LINE
- EXISTING RETAINING WALL
- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EXISTING STORM SEWER INLET
- EXISTING LIGHT POLE
- EXISTING FLARED END SECTION

PROPOSED LEGEND

- TRAIL CENTERLINE
- CONSTRUCTION BOUNDARY
- BITUMINOUS PAVEMENT



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MCWD CEDAR-GREENWAY
TRAIL CONNECTION
CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

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1

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30% PLANS

60% PLANS

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STORM SEWER

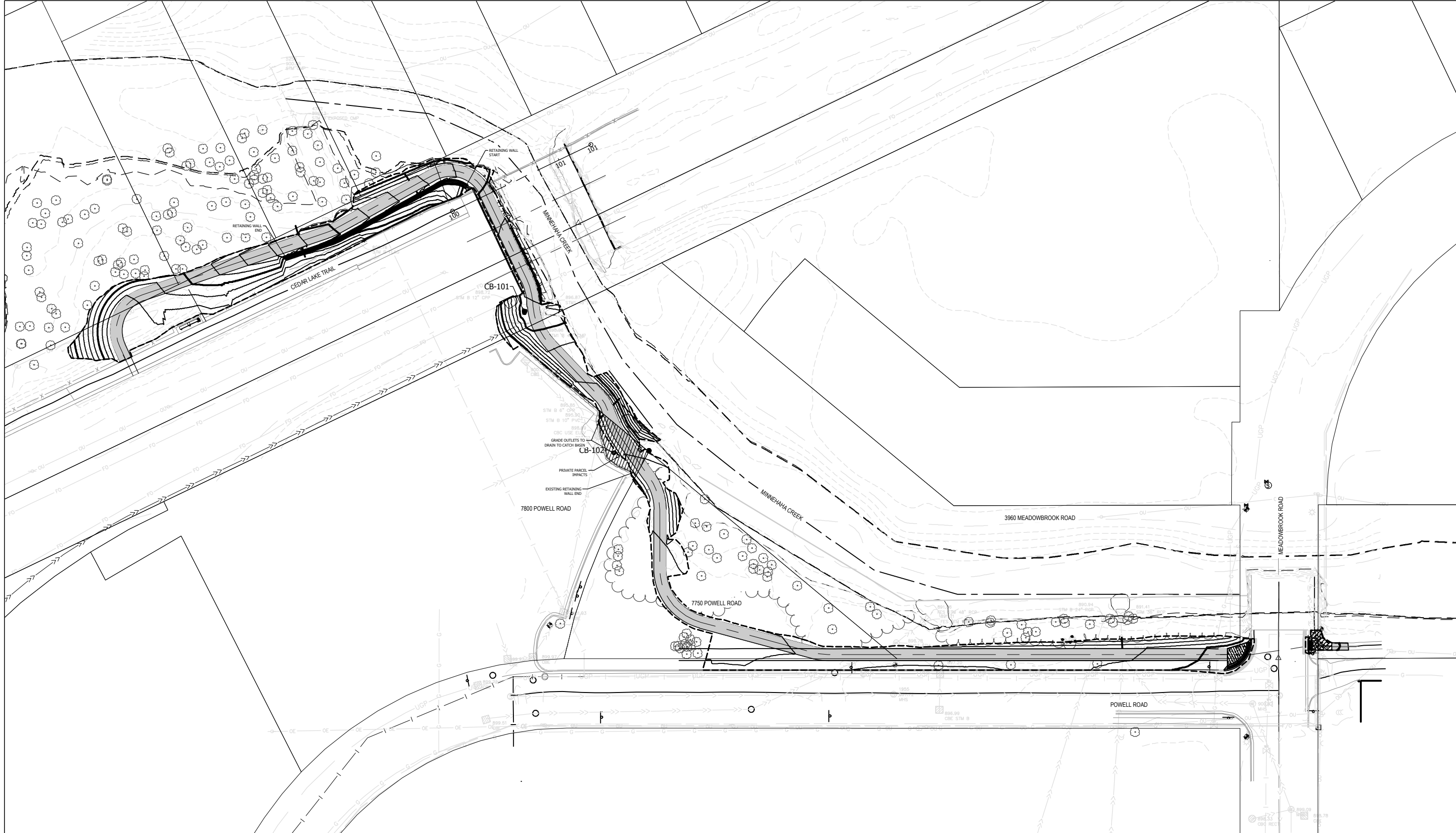
PLAN AND PROFILE

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PEDESTRIAN RAMP CONSTRUCTION LEGEND

XXXX CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLANT 7038)

CONSTRUCT CONCRETE CURB & GUTTER

BITUMINOUS TRAIL

X' CURB HEIGHT

LANDING AREA - 4' X 4' MIN. DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS

INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

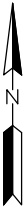
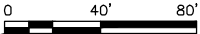
DRAINAGE FLOW ARROW

EXISTING LEGEND

	EXISTING PROPERTY LINE		EXISTING STORM SEWER MANHOLE
	EXISTING RETAINING WALL		EXISTING STORM SEWER INLET
	EXISTING STORM SEWER		EXISTING STORM SEWER INLET
			EXISTING LIGHT POLE
			EXISTING FLARED END SECTION

NOTES

- SAWCUT AT REMOVAL LIMIT OR NEAREST JOINT. ALL SAWCUTS SHALL BE INCIDENTAL.
- CONTRACTOR SHALL VERIFY RADIUS AND ARC LENGTHS NEED AT RADIAL DOME CORNER PRIOR TO ORDERING AND INSTALLING DOMES.
- RIGHT OF WAY LINES ARE NOT FROM A SURVEY AND ARE FOR REFERENCE INFORMATION ONLY.
- CONSTRUCT PEDESTRIAN CURB RAMP PER STANDARD PLAN



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CLIENT:

MINNEHAHA CREEK
WATERSHED DISTRICT

**MCWD CEDAR-GREENWAY
TRAIL CONNECTION**

CITY OF SAINT LOUIS PARK
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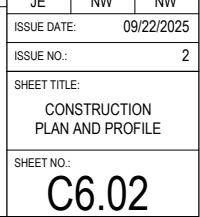
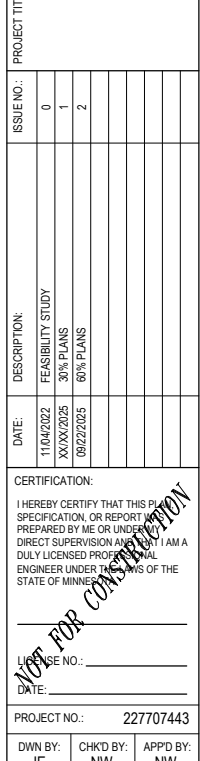
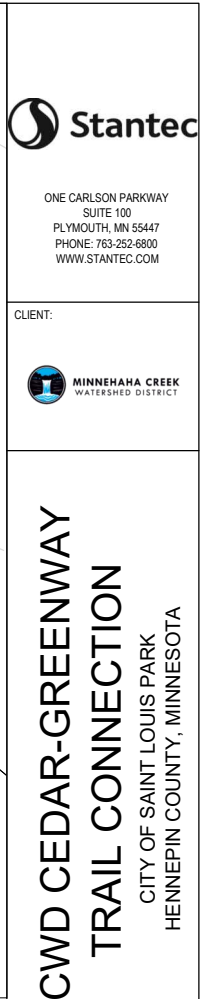
ISSUE DATE: 09/22/2025

ISSUE NO.: 2

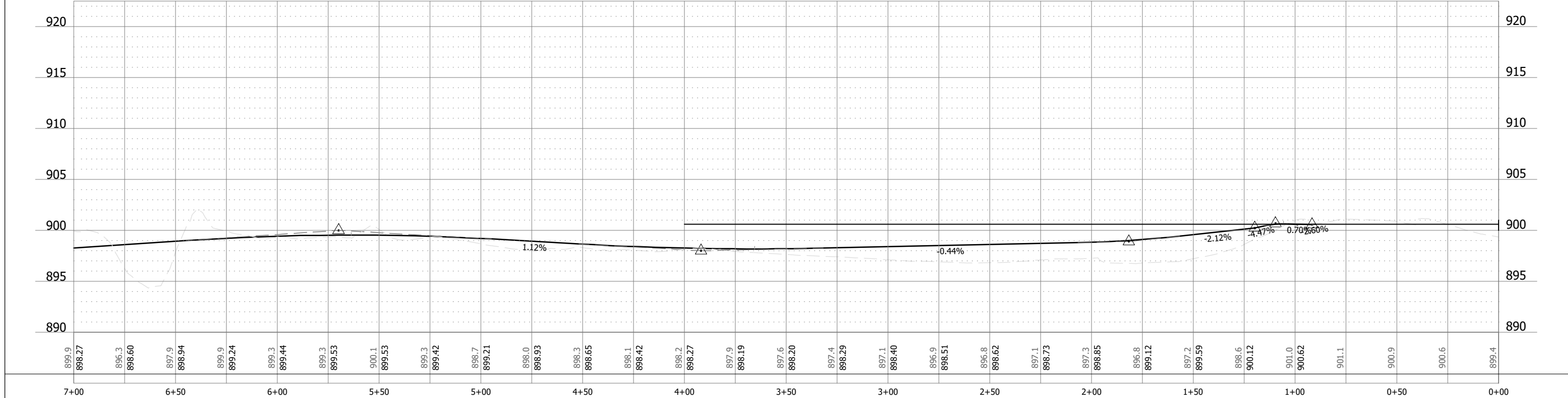
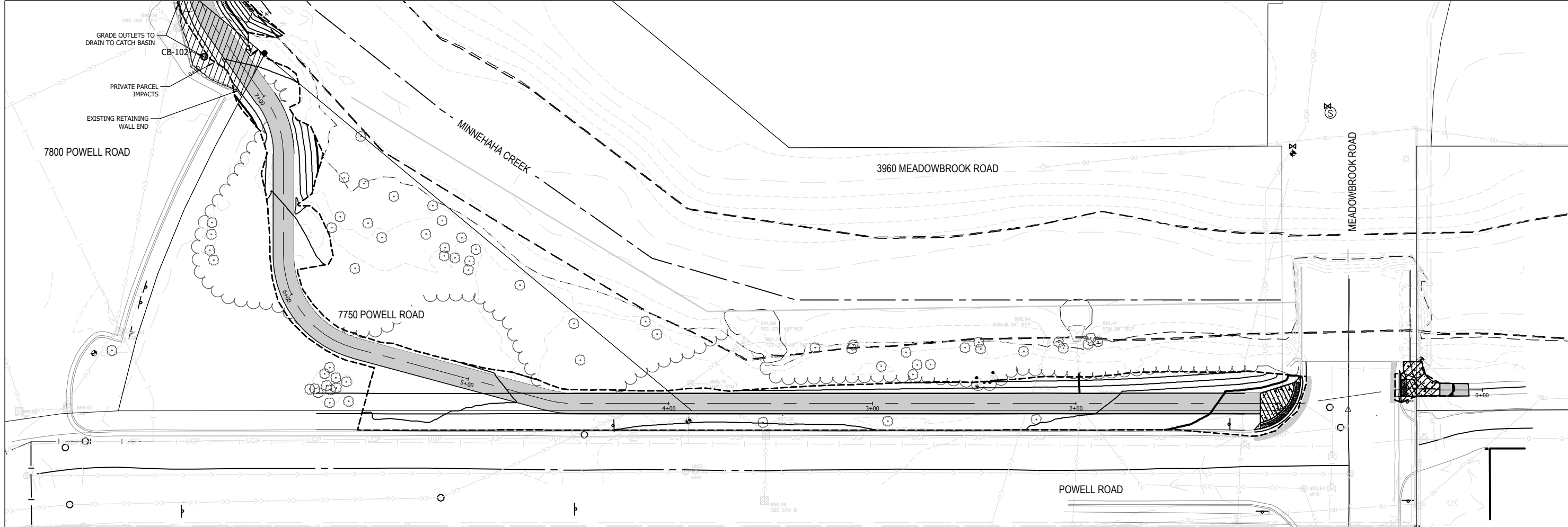
SHEET TITLE: OVERALL CONSTRUCTION PLAN

SHEET NO.: **C6.01**

FOR CONSTRUCTION



9/22/2025 2:03:34 PM

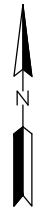
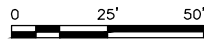


EXISTING LEGEND

- EXISTING PROPERTY LINE
- EXISTING RETAINING WALL
- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EXISTING STORM SEWER INLET
- EXISTING LIGHT POLE
- EXISTING FLARED END SECTION

PROPOSED LEGEND

- TRAIL CENTERLINE
- CONSTRUCTION BOUNDARY
- BITUMINOUS PAVEMENT



ONE CARLSON PARKWAY
SUITE 100
PLYMOUTH, MN 55447
PHONE: 763-252-6800
WWW.STANTEC.COM

CLIENT:



MCWD CEDAR-GREENWAY TRAIL CONNECTION

CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

0	1	2							
11/04/2023	XX/XX/2025	09/22/2025							
FEASIBILITY STUDY	30% PLANS	60% PLANS							

CERTIFICATION:

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 09/22/2025

PROJECT NO.: 227707443

DWN BY: JE

CHKD BY: NW

APPD BY: NW

ISSUE DATE: 09/22/2025

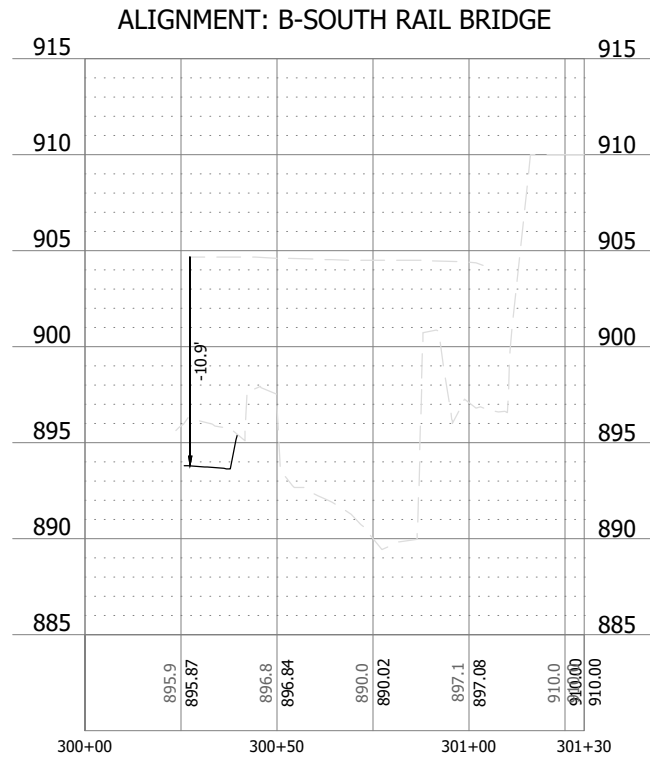
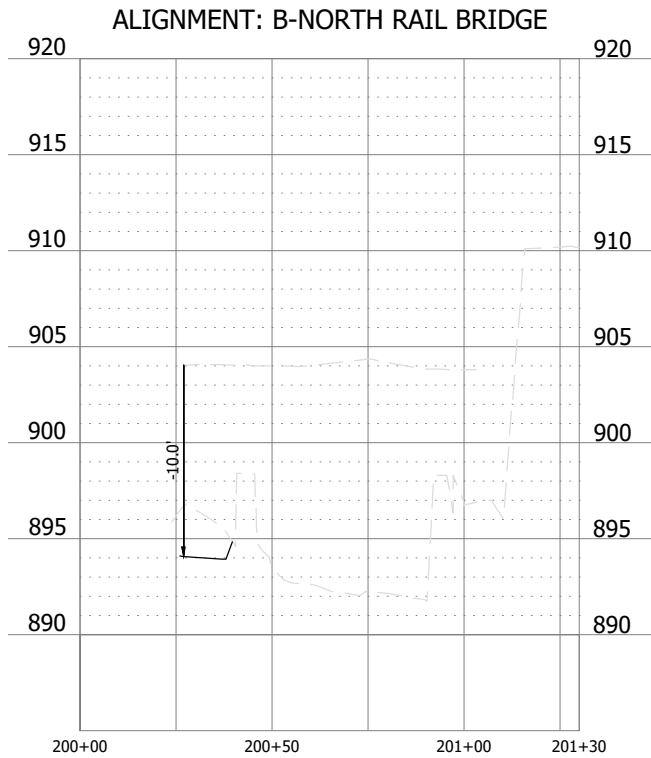
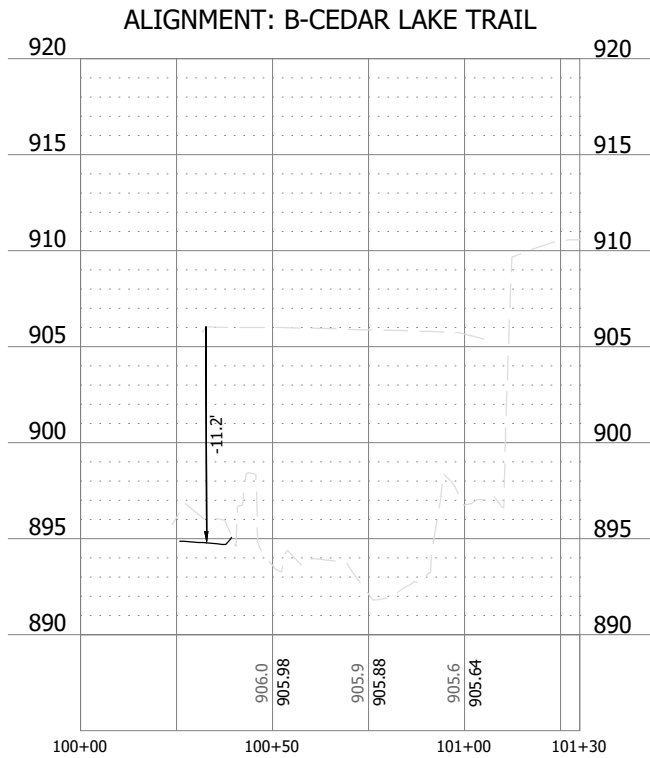
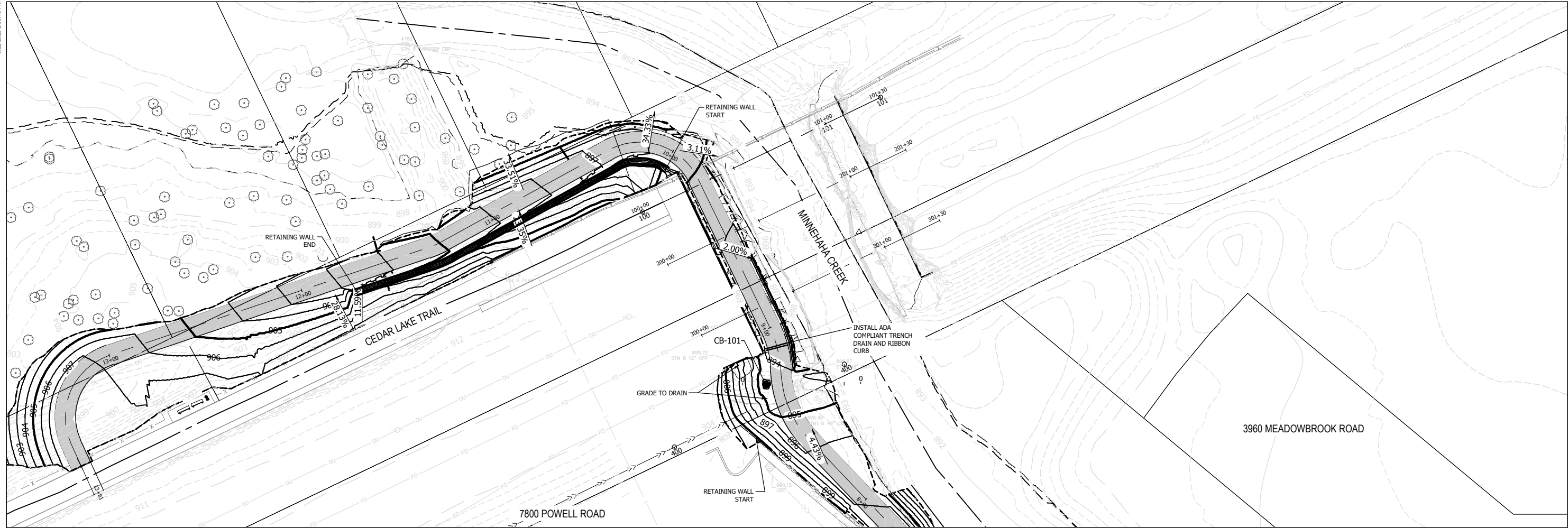
ISSUE NO.: 2

SHEET TITLE:

CONSTRUCTION
PLAN AND PROFILE

SHEET NO.:

C6.03

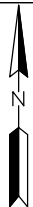
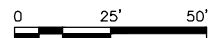


EXISTING LEGEND

- | | | | |
|---|-------------------------|---|------------------------------|
|  | EXISTING PROPERTY LINE |  | EXISTING STORM SEWER MANHOLE |
|  | EXISTING RETAINING WALL |  | EXISTING STORM SEWER INLET |
|  | EXISTING STORM SEWER |  | EXISTING STORM SEWER INLET |
| | |  | EXISTING LIGHT POLE |
| | |  | EXISTING FLARED END SECTION |

PROPOSED LEGEND

-  TRAIL CENTERLINE
 CONSTRUCTION BOUNDARY
 BITUMINOUS PAVEMENT



ONE CARLSON PARKWAY
SUITE 100
PLYMOUTH, MN 55447
PHONE: 763-252-6800
WWW.STANTEC.COM

CLIENT:



**MCWD CEDAR-GREENWAY
TRAIL CONNECTION**
CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE:	ISSUE NO.:
DATE:	0
DESCRIPTION:	1
FEASIBILITY STUDY	2
30% PLANS	
60% PLANS	
CERTIFICATION:	
I HEREBY CERTIFY THAT THIS PROJECT HAS BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	
SIGNATURE NO. _____	
DATE: _____	

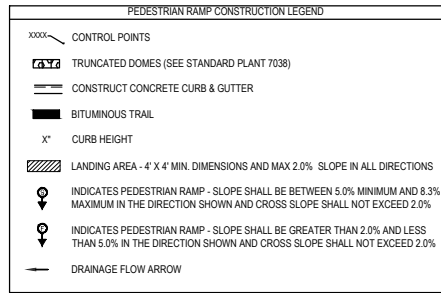
PROJECT NO.: 227707443

DWN BY: JE	CHK'D BY: NW	APP'D BY: NW
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ISSUE DATE: 09/22/2025

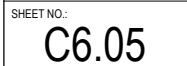
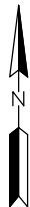
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CONSTRUCTION PLAN
AND PROFILE

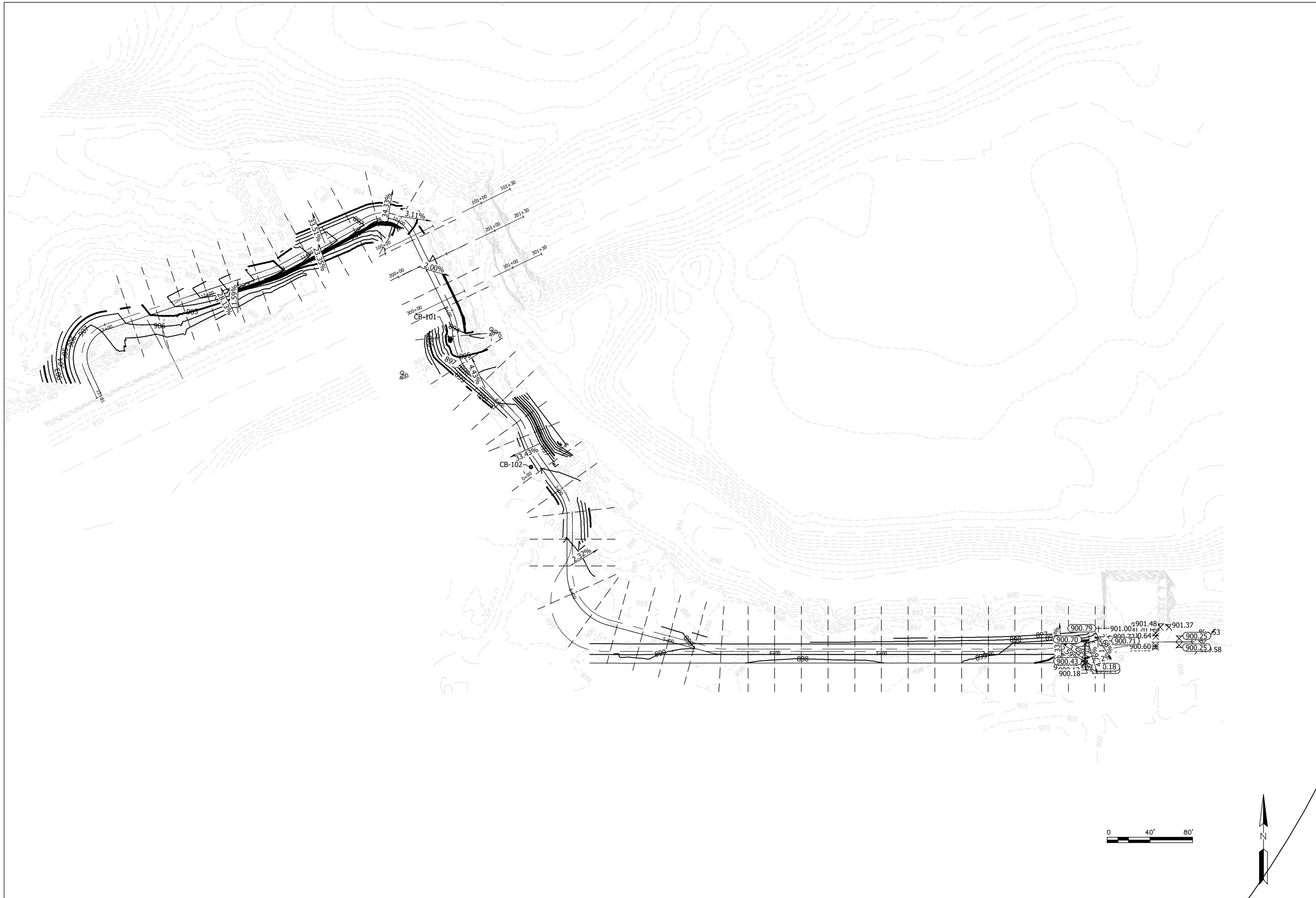
SHEET NO.:
C6.04



EXISTING PROPERTY LINE
EXISTING RETAINING WALL
EXISTING STORM SEWER

1. SAWCUT AT REMOVAL LIMIT OR NEAREST JOINT. ALL SAWCUTS SHALL BE INCIDENTAL.
2. CONTRACTOR SHALL VERIFY RADIUS AND ARC LENGTHS NEED AT RADIAL DOME CORNER PRIOR TO ORDERING AND INSTALLING DOMES.
3. RIGHT OF WAY LINES ARE NOT FROM A SURVEY AND ARE FOR REFERENCE INFORMATION ONLY.
4. CONSTRUCT PEDESTRIAN CURB RAMP PER STANDARD PLAN





CLIENT:



**MCWD CEDAR-GREENWAY
TRAIL CONNECTION**
CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE	ISSUE NO.	DESCRIPTION
	0	FEASIBILITY STUDY
	1	3% PLANS
	2	6% PLANS

CERTIFICATION:

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 LICENSE NO.: _____
 DATE: _____

PROJECT NO.: 227707443

DWN BY: JE CHKD BY: NW APP'D BY: NW

ISSUE DATE: 09/22/2025

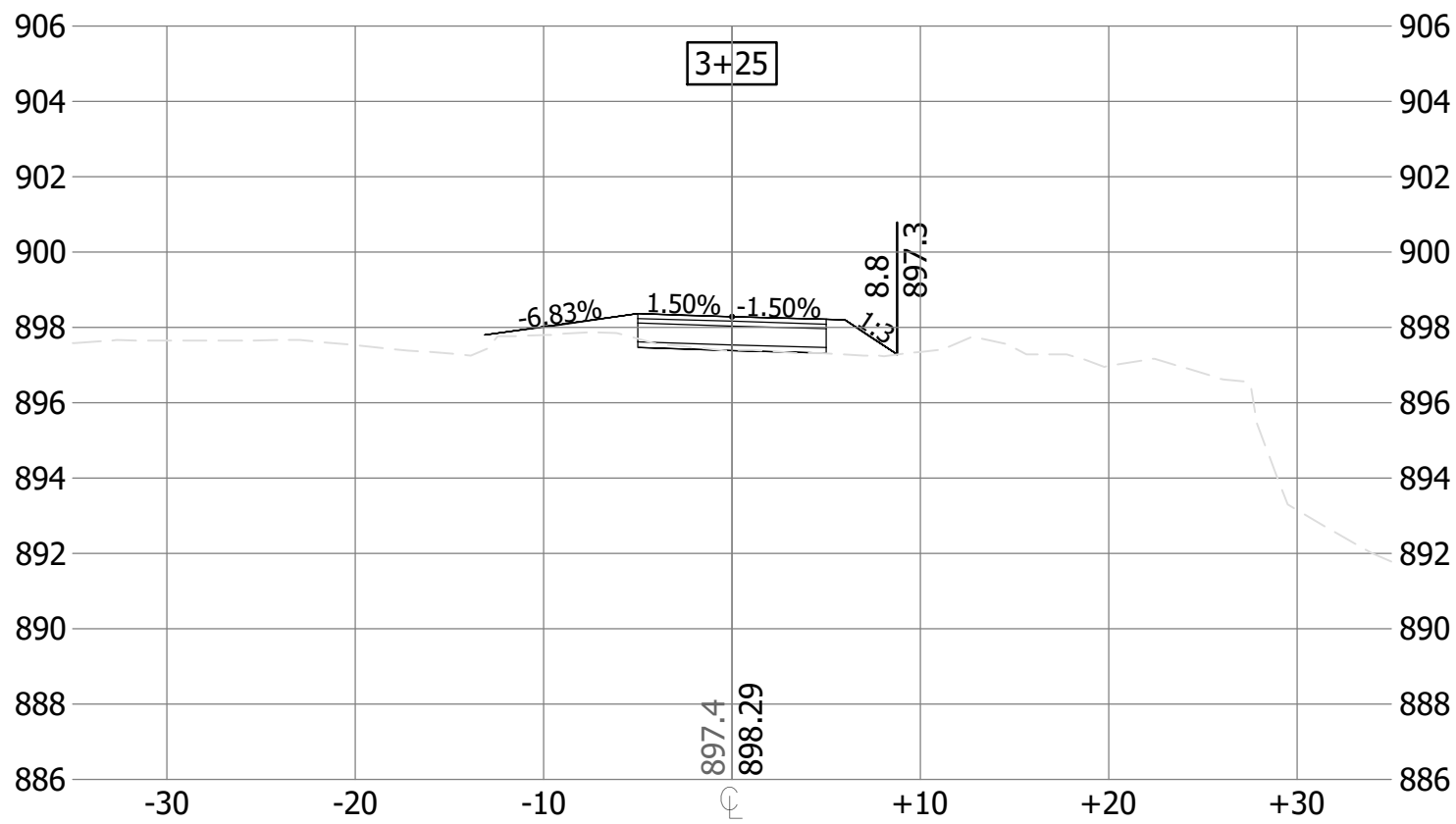
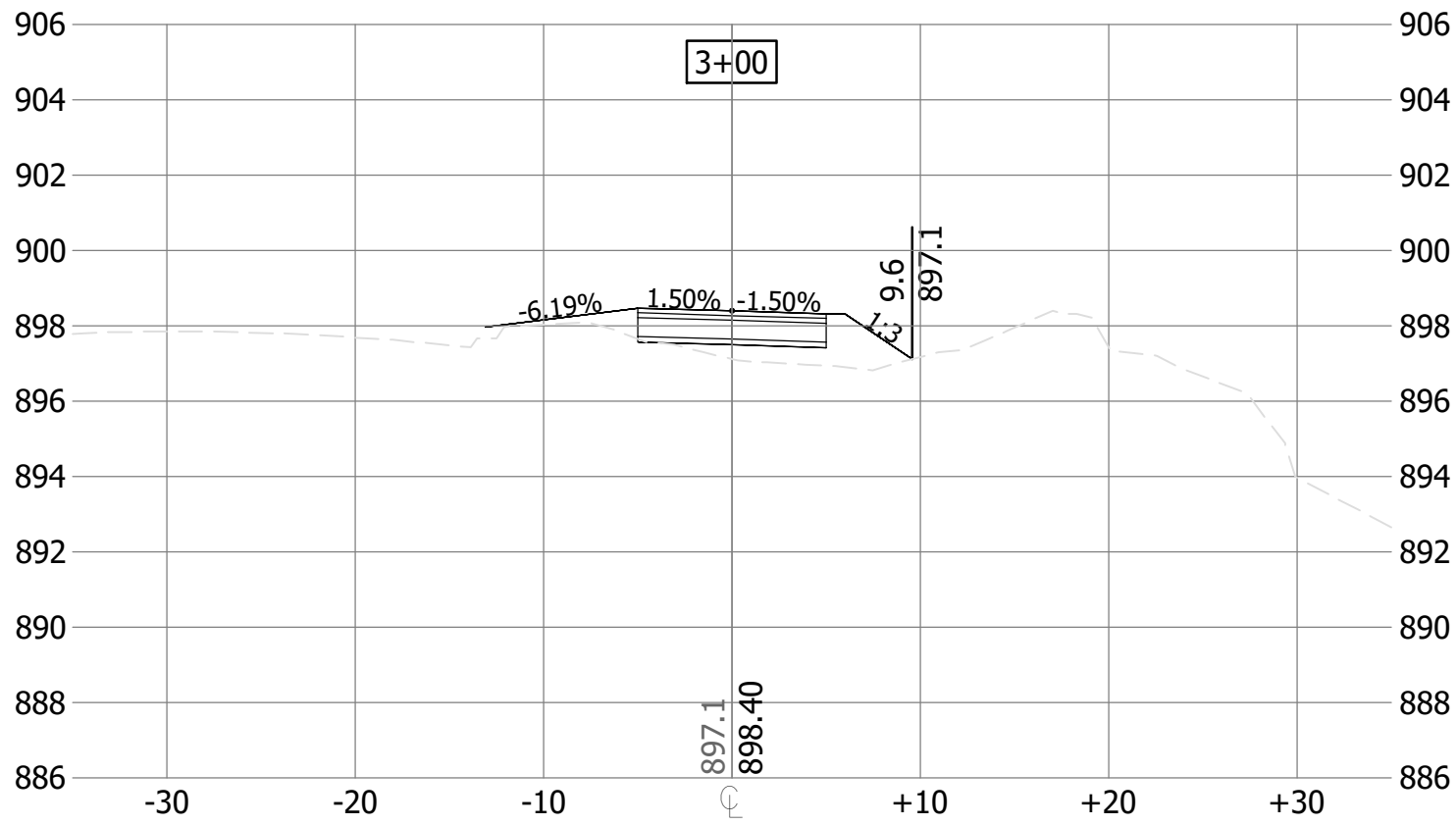
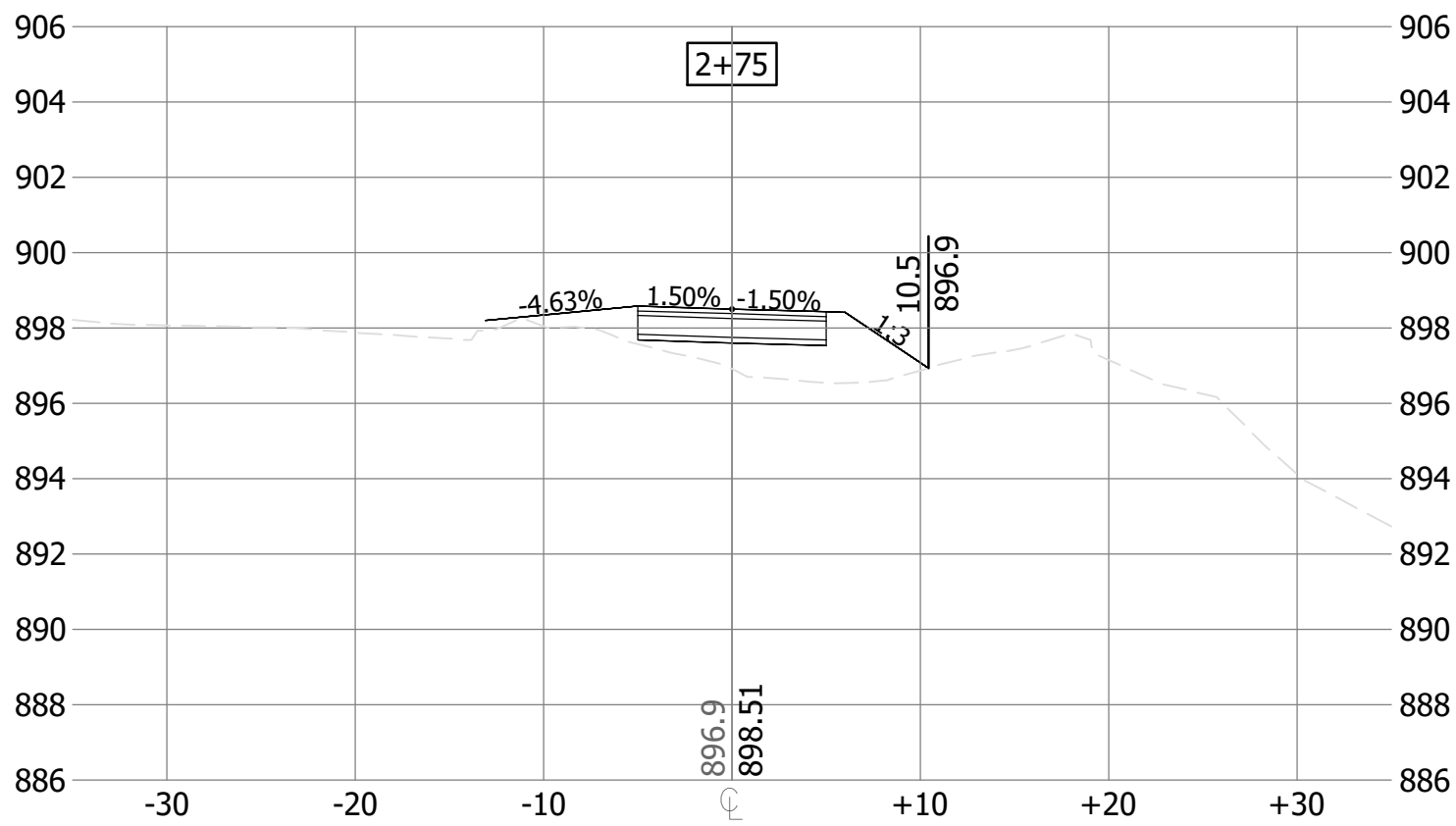
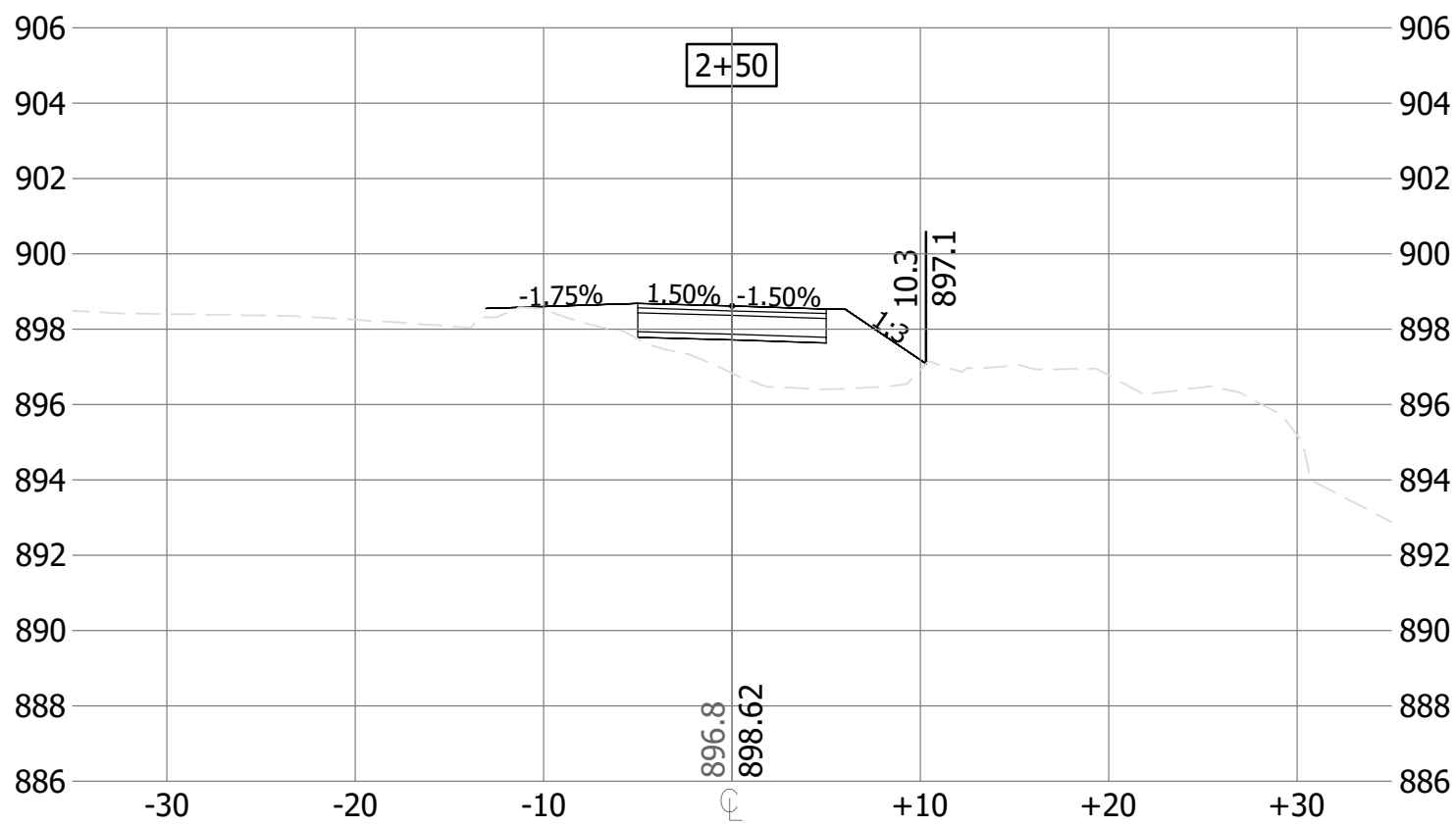
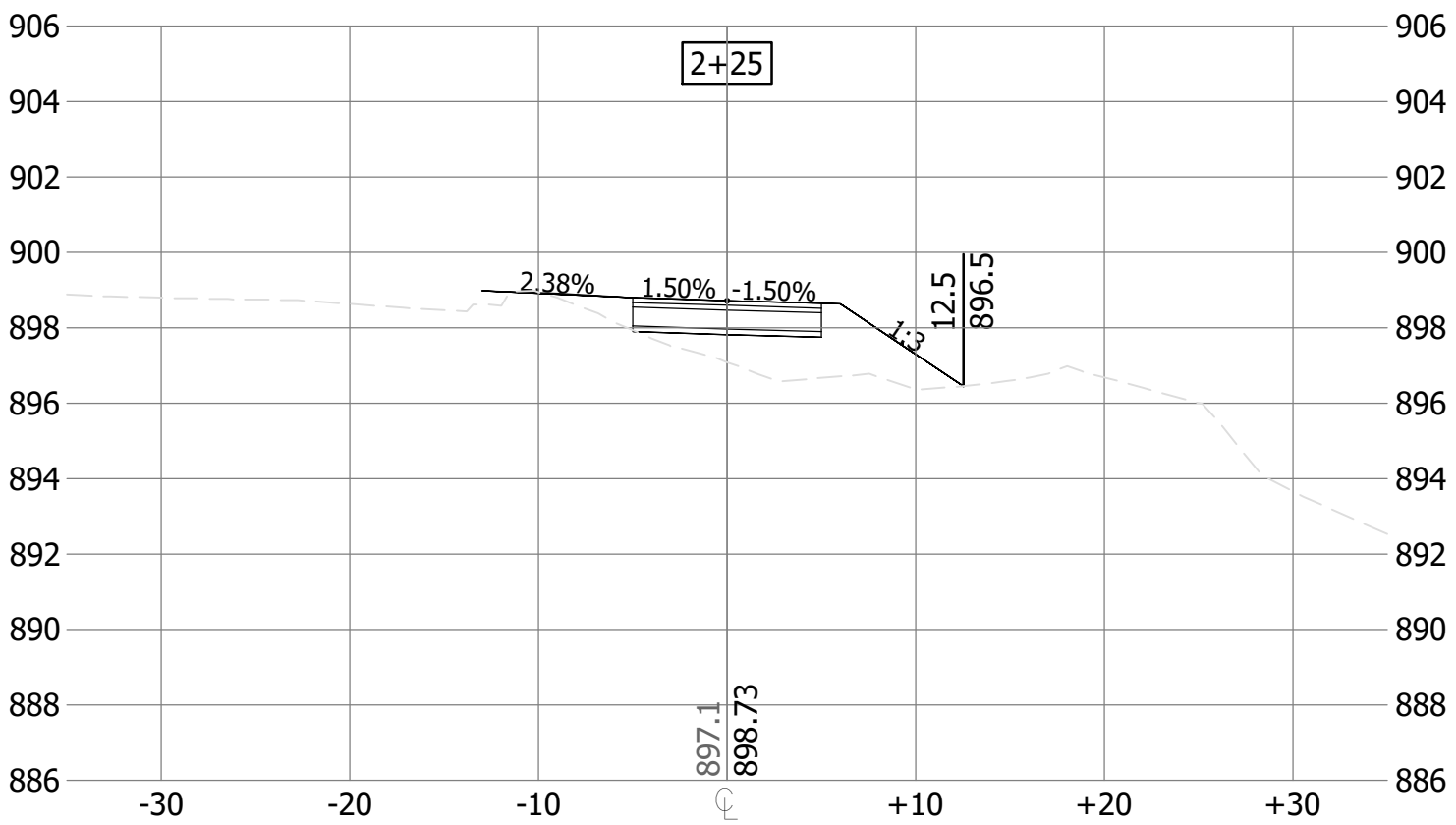
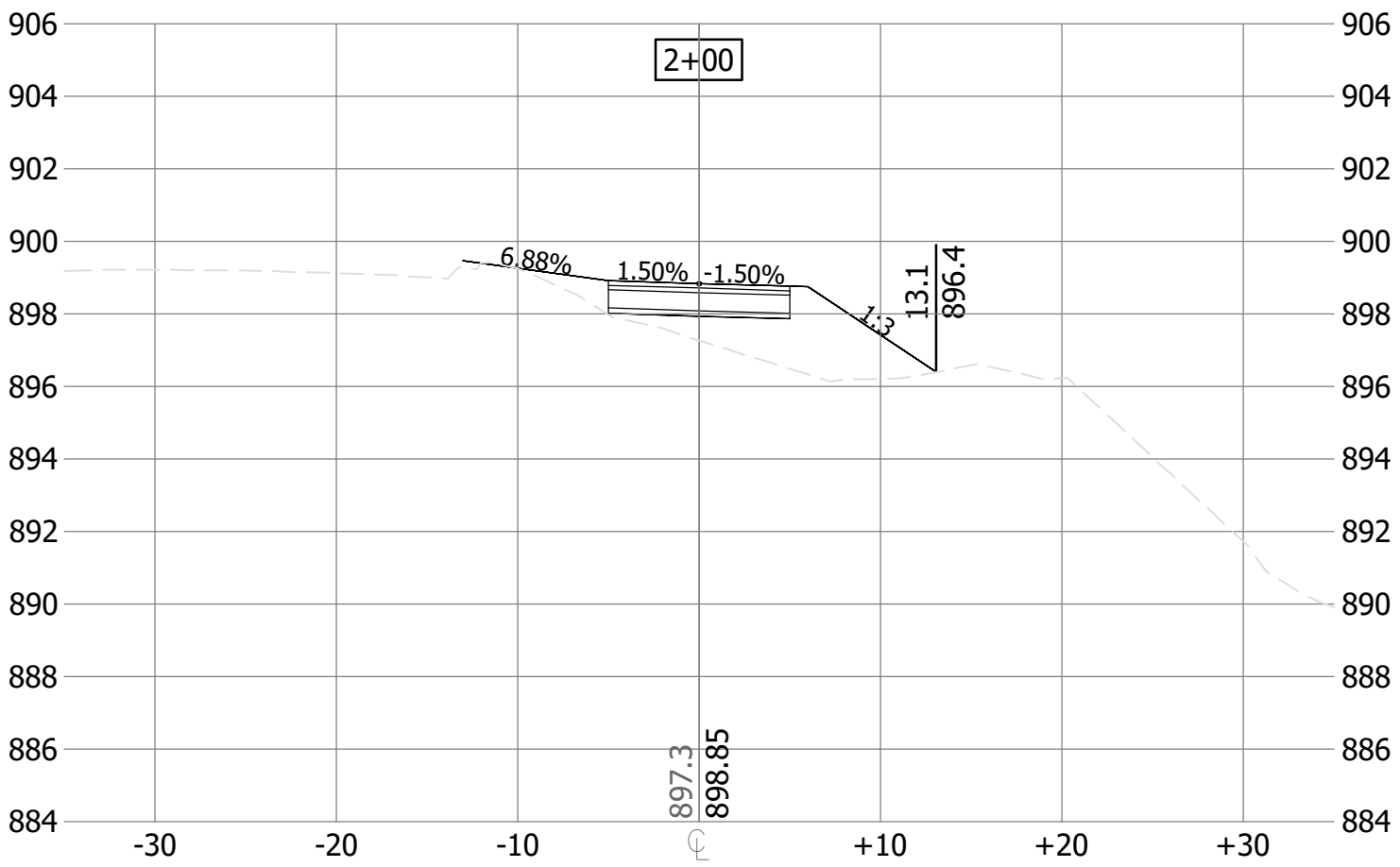
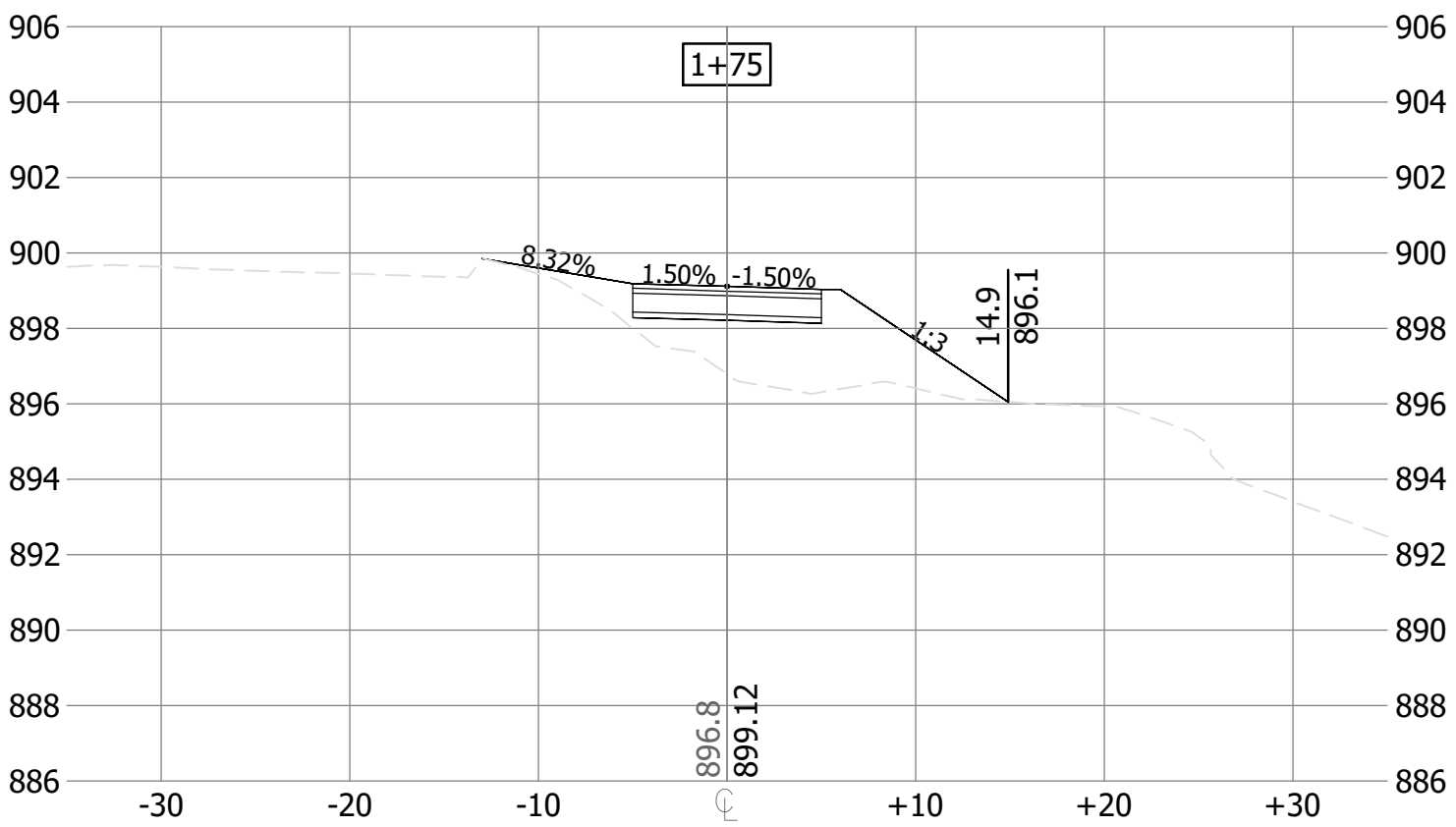
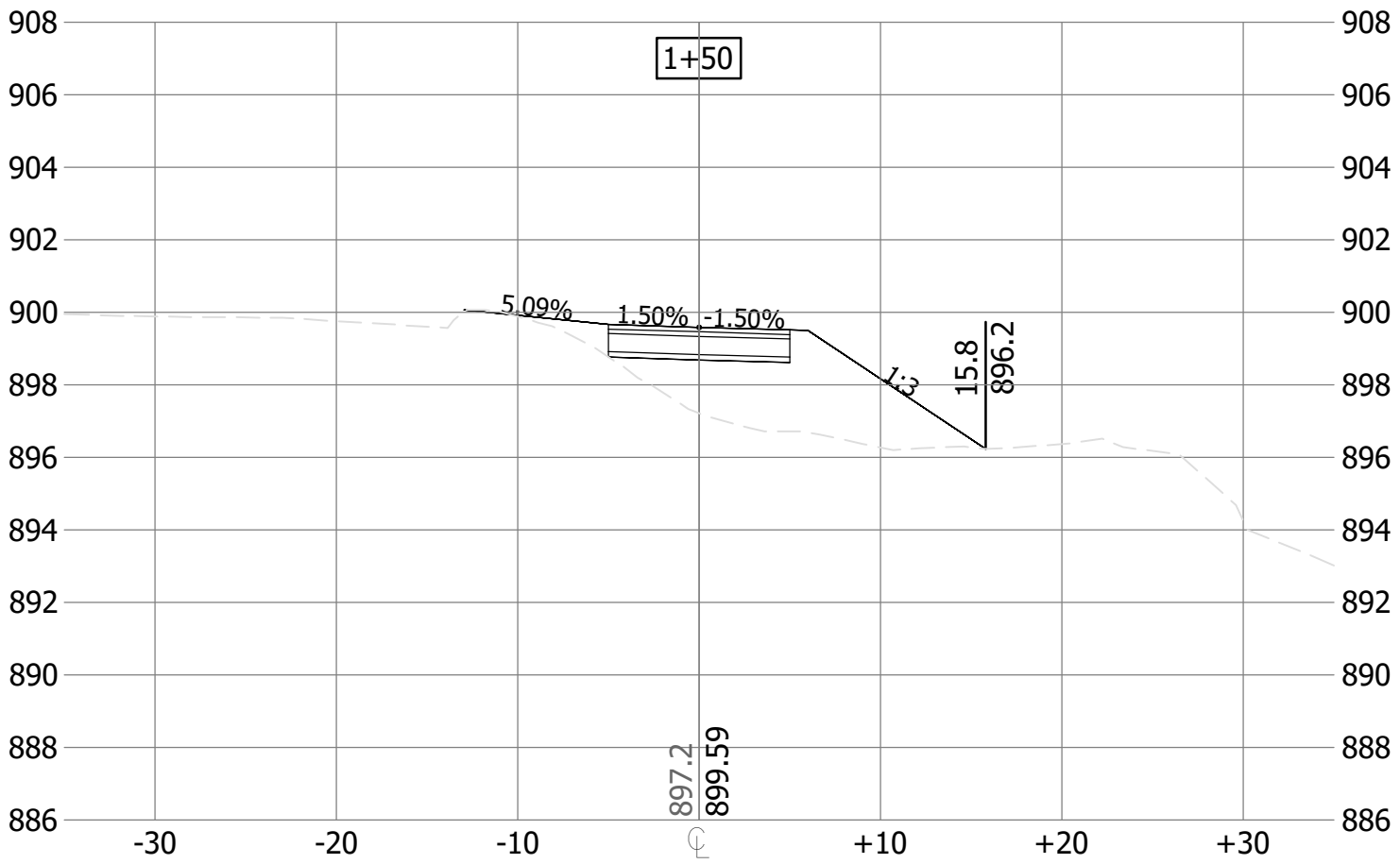
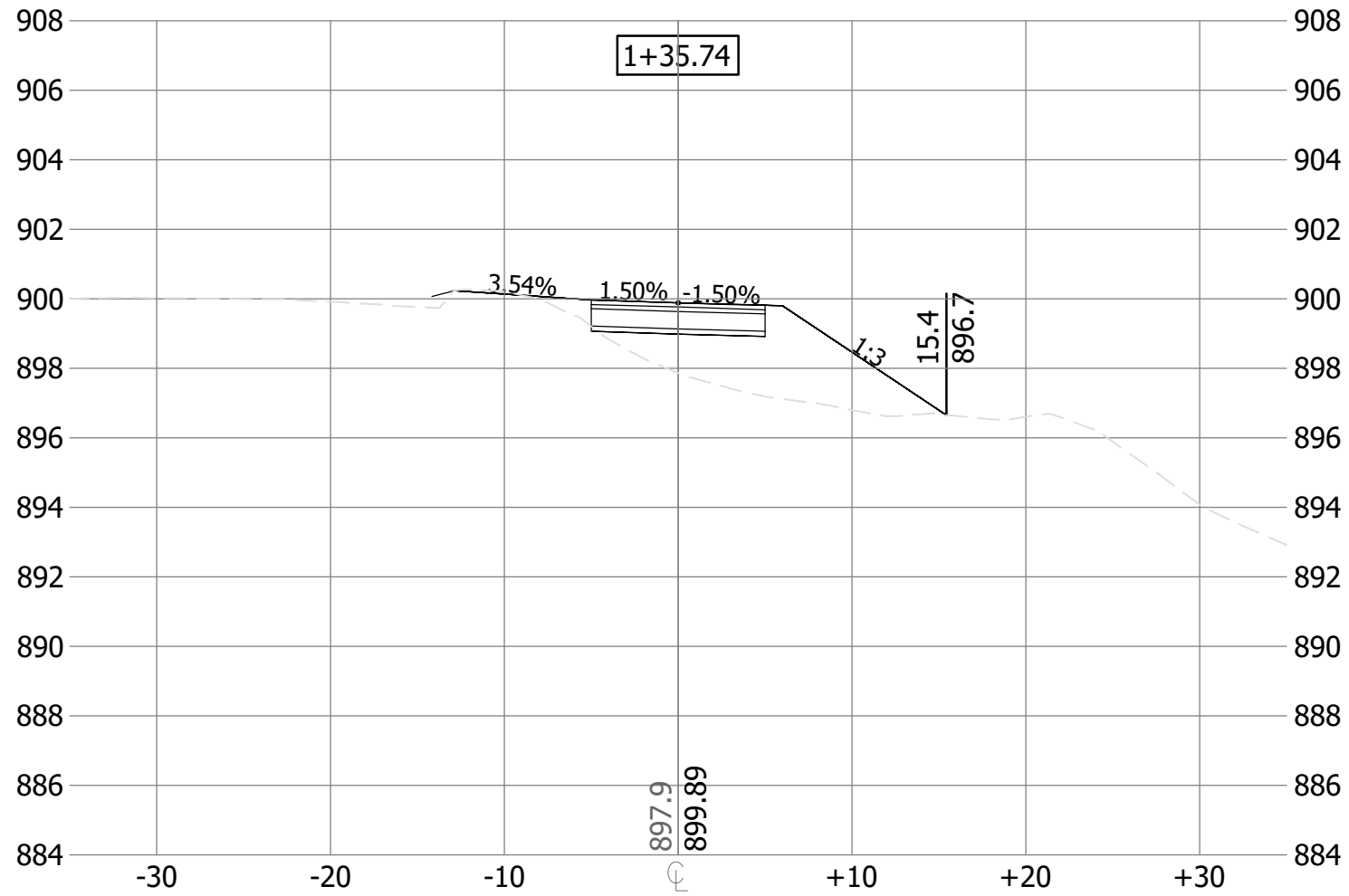
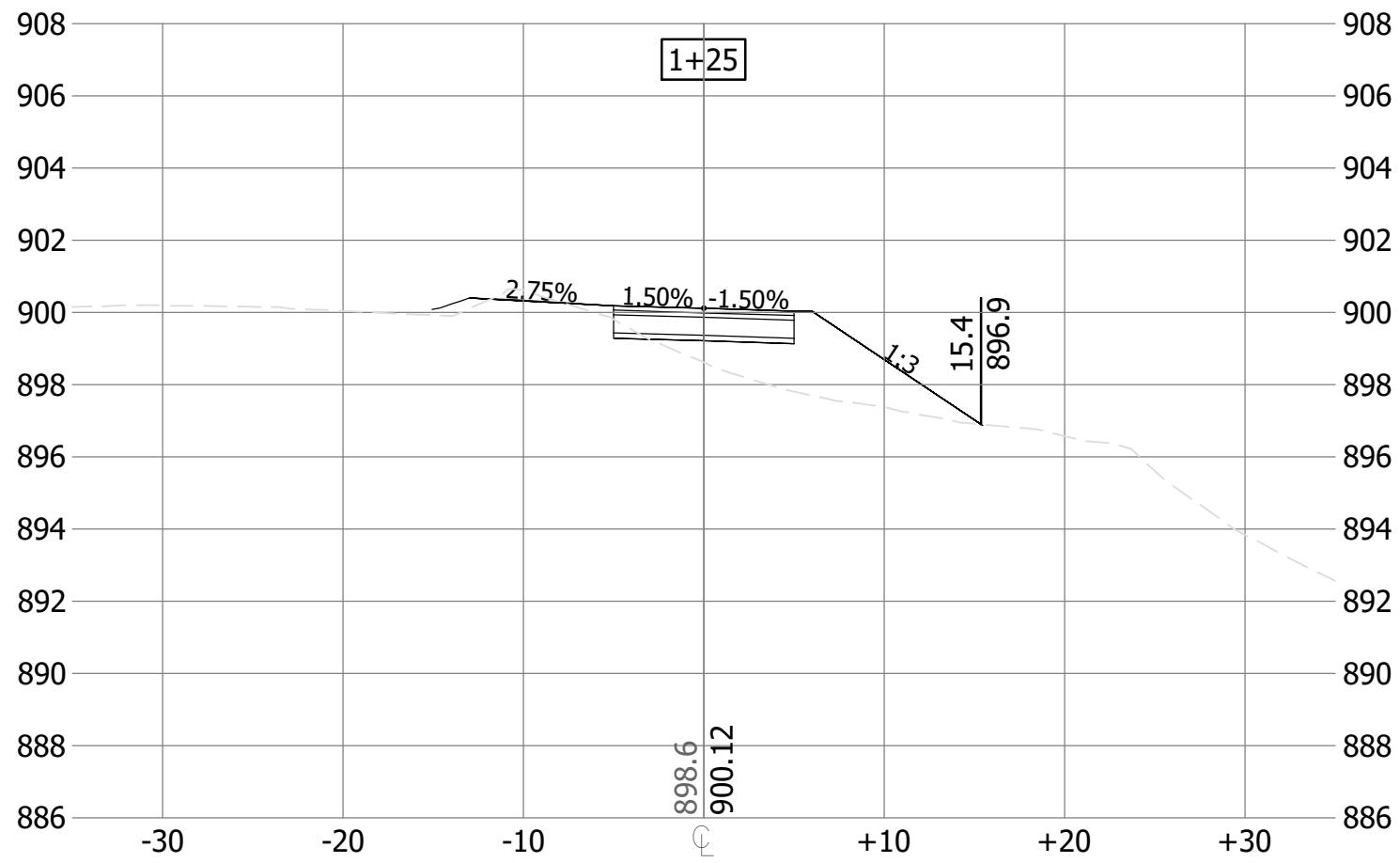
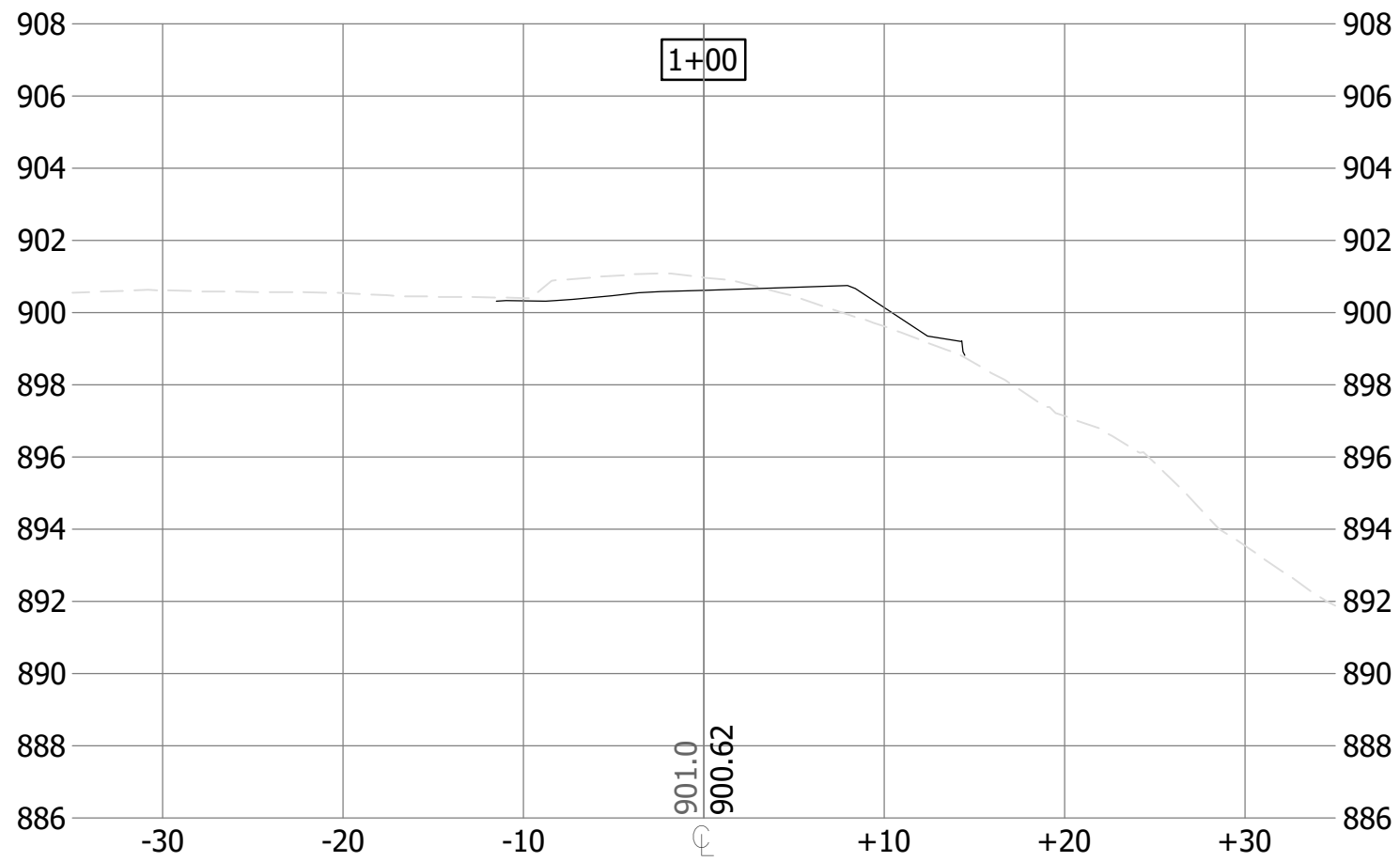
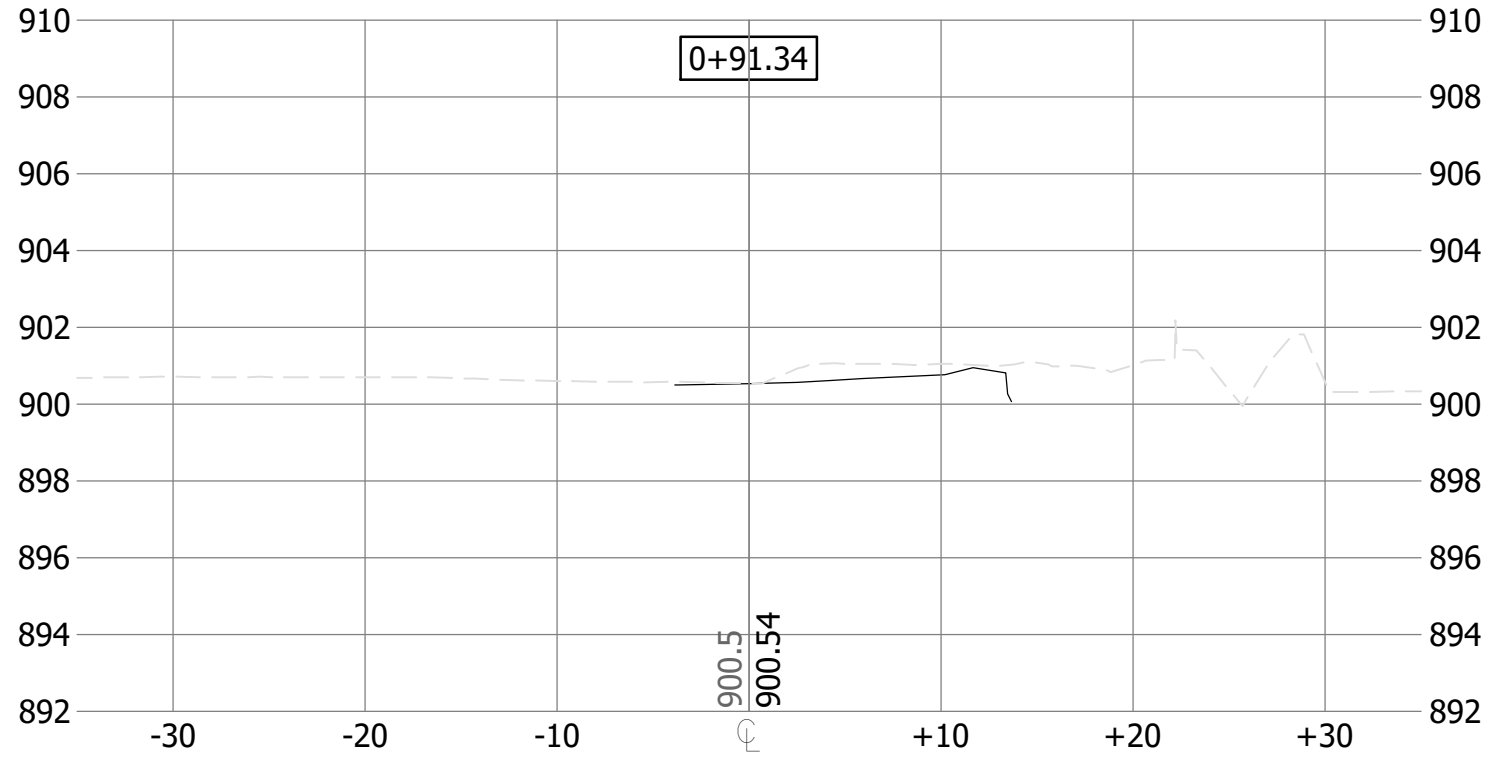
ISSUE NO.: 2

SHEET TITLE:

CROSS SECTIONS

SHEET NO.:

C7.01



ONE CARLSON PARKWAY
SUITE 100
PLYMOUTH, MN 55447
PHONE: 763-252-6800
WWW.STANTEC.COM

CLIENT:



MCWD CEDAR-GREENWAY
TRAIL CONNECTION
CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE

DATE:	DESCRIPTION:	ISSUE NO.:			
		0	1	2	
11/04/2022	FEASIBILITY STUDY				
XXXX/2025	30% PLANS				
09/22/2025	60% PLANS				

CERTIFICATION:
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ISSUE NO.:
DATE:

PROJECT NO.: 227707443

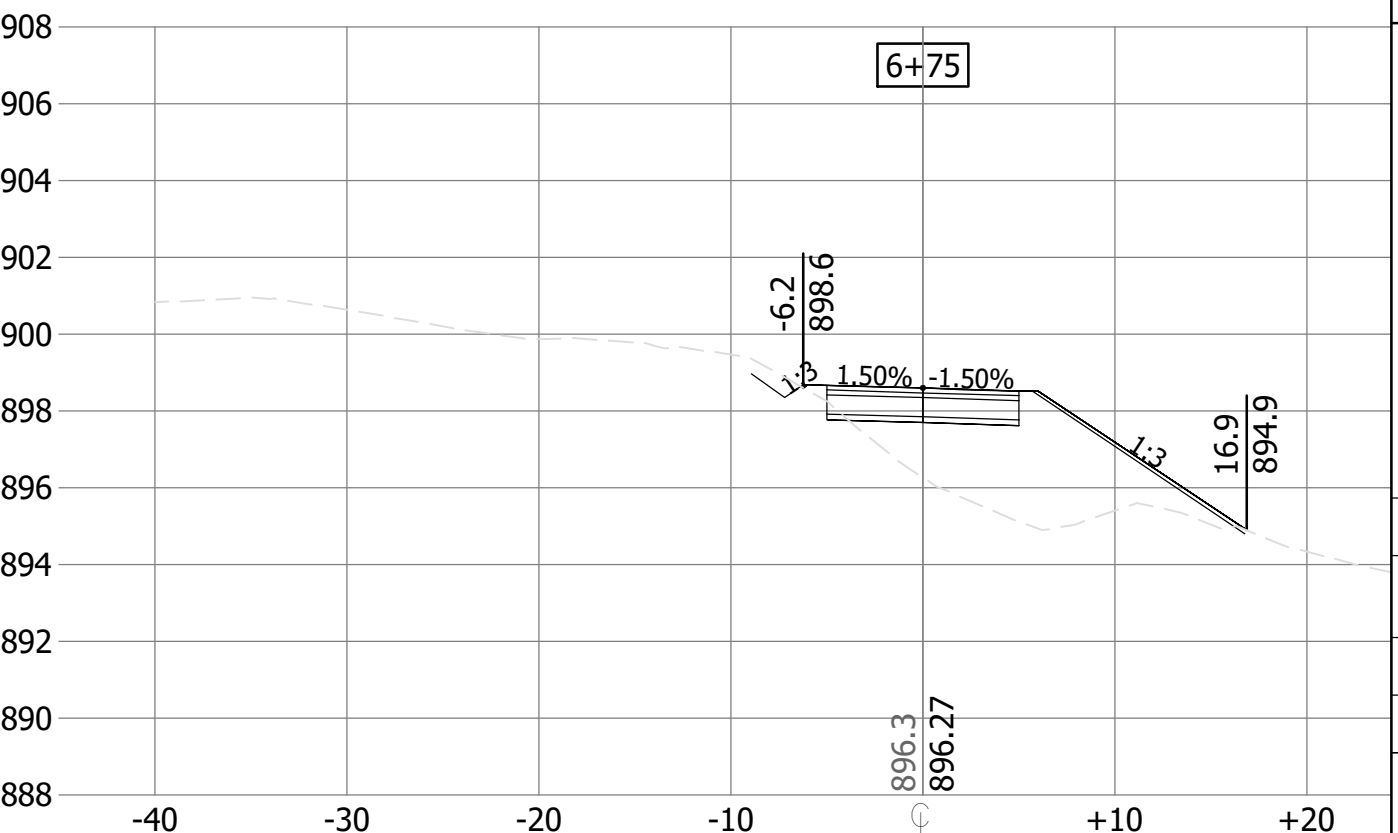
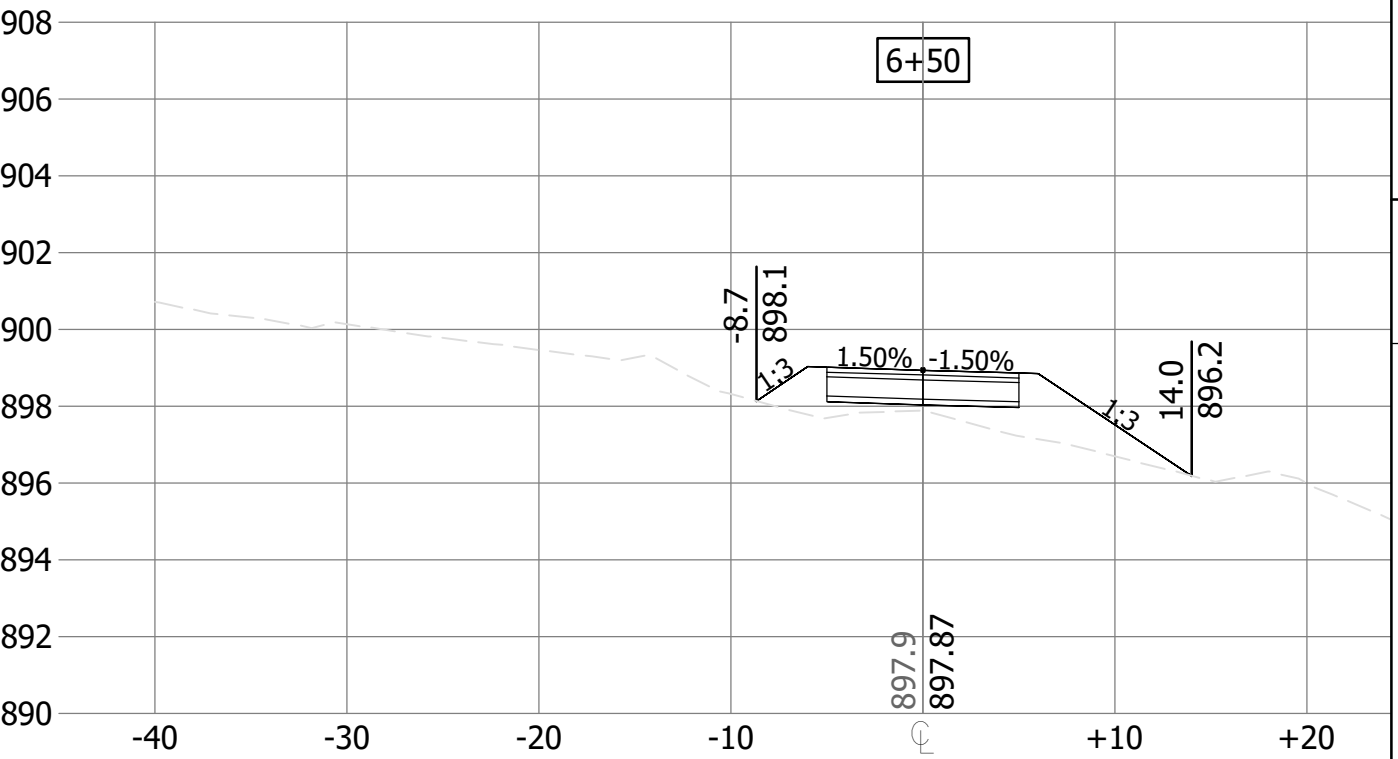
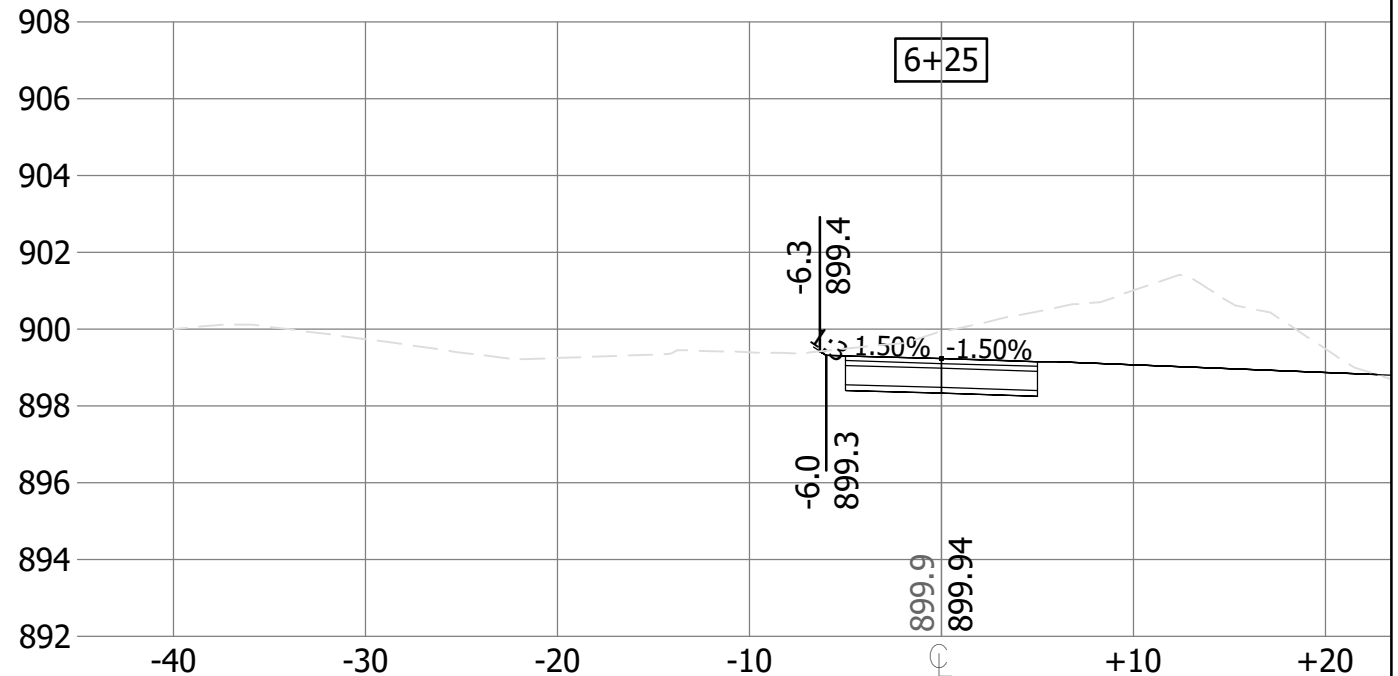
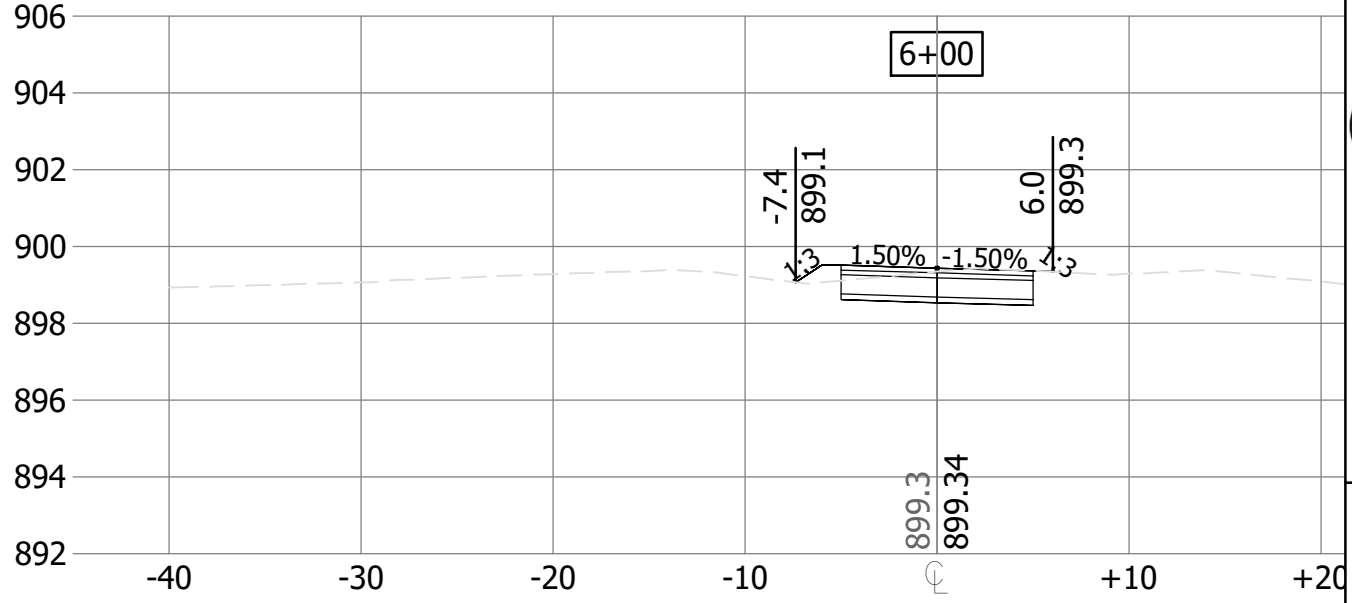
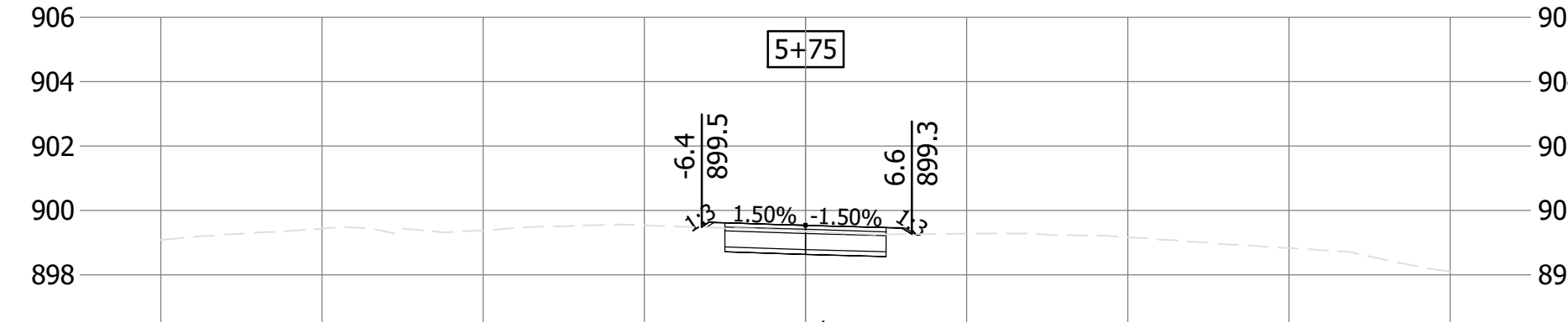
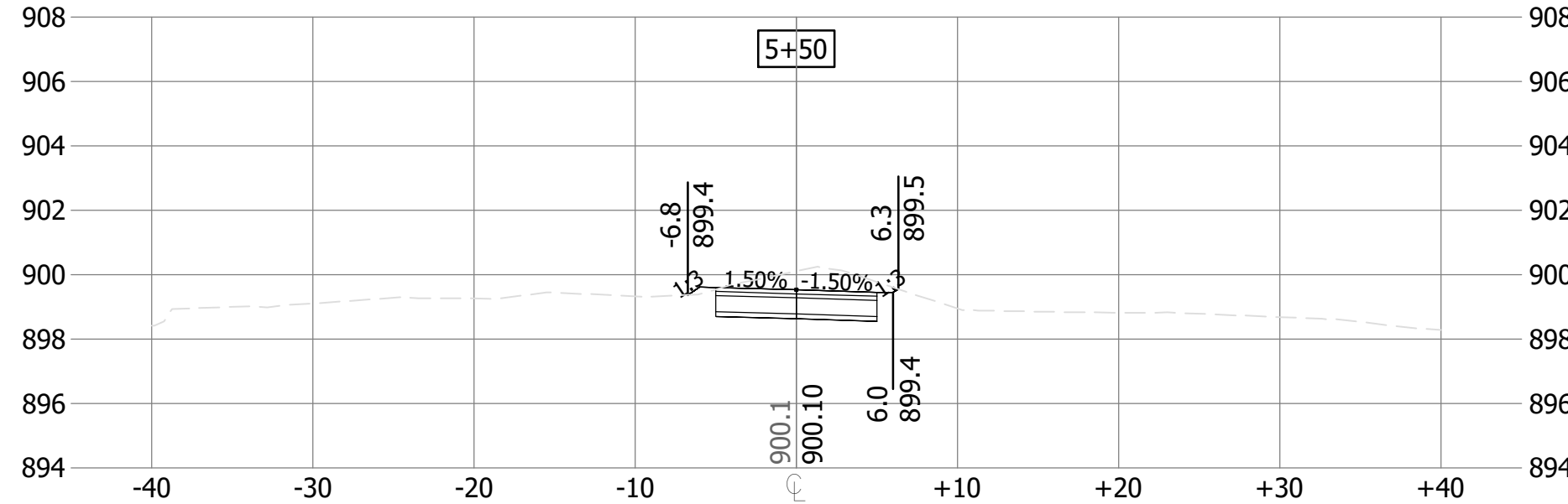
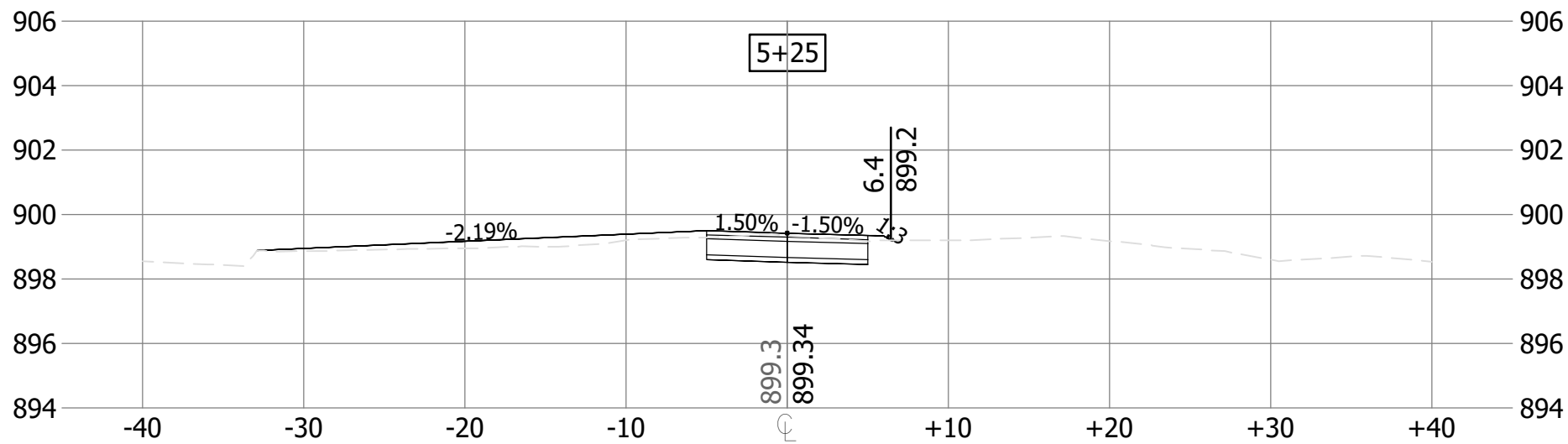
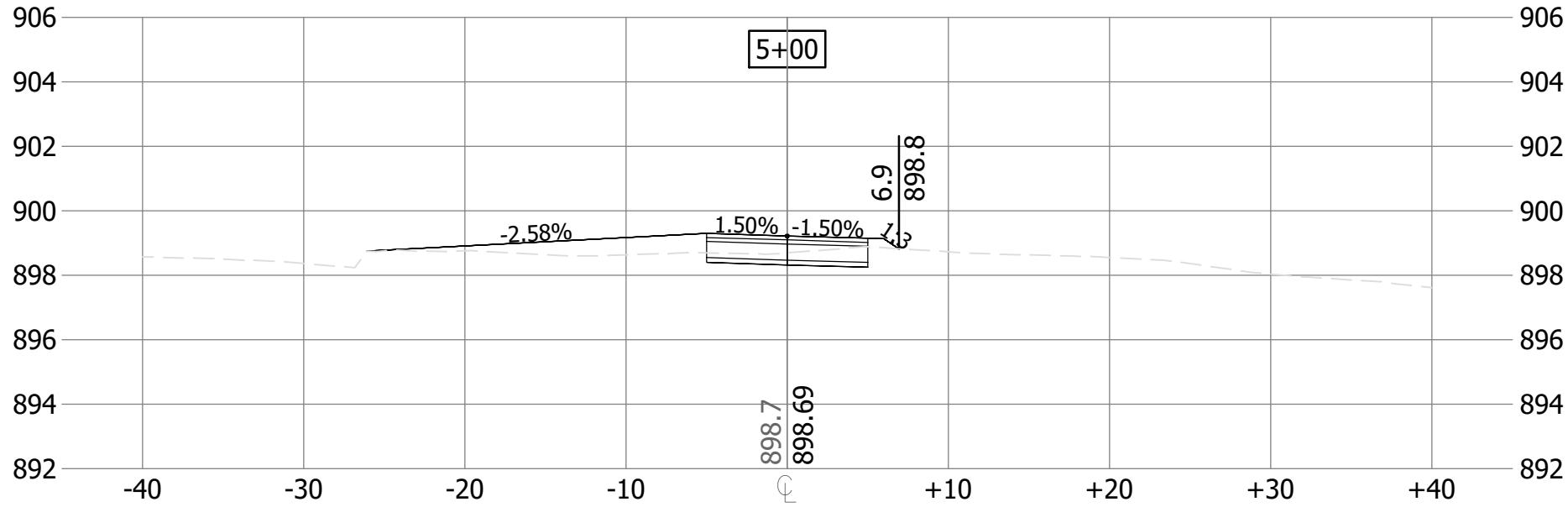
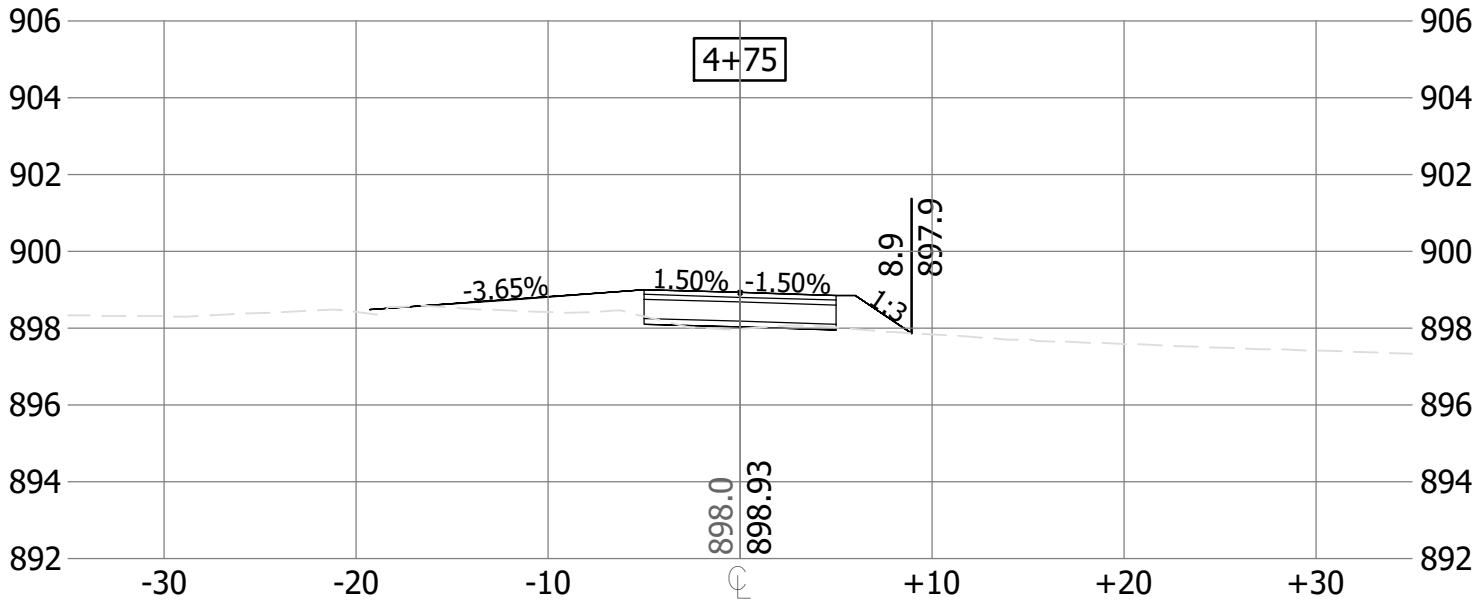
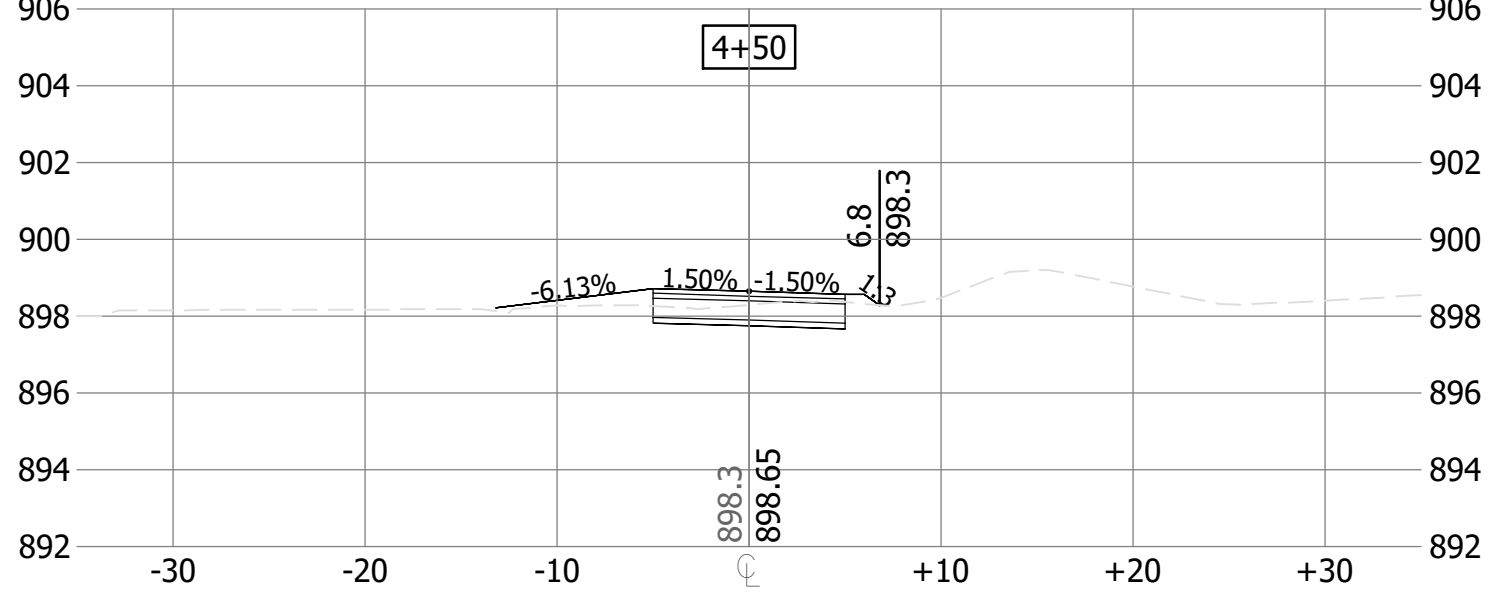
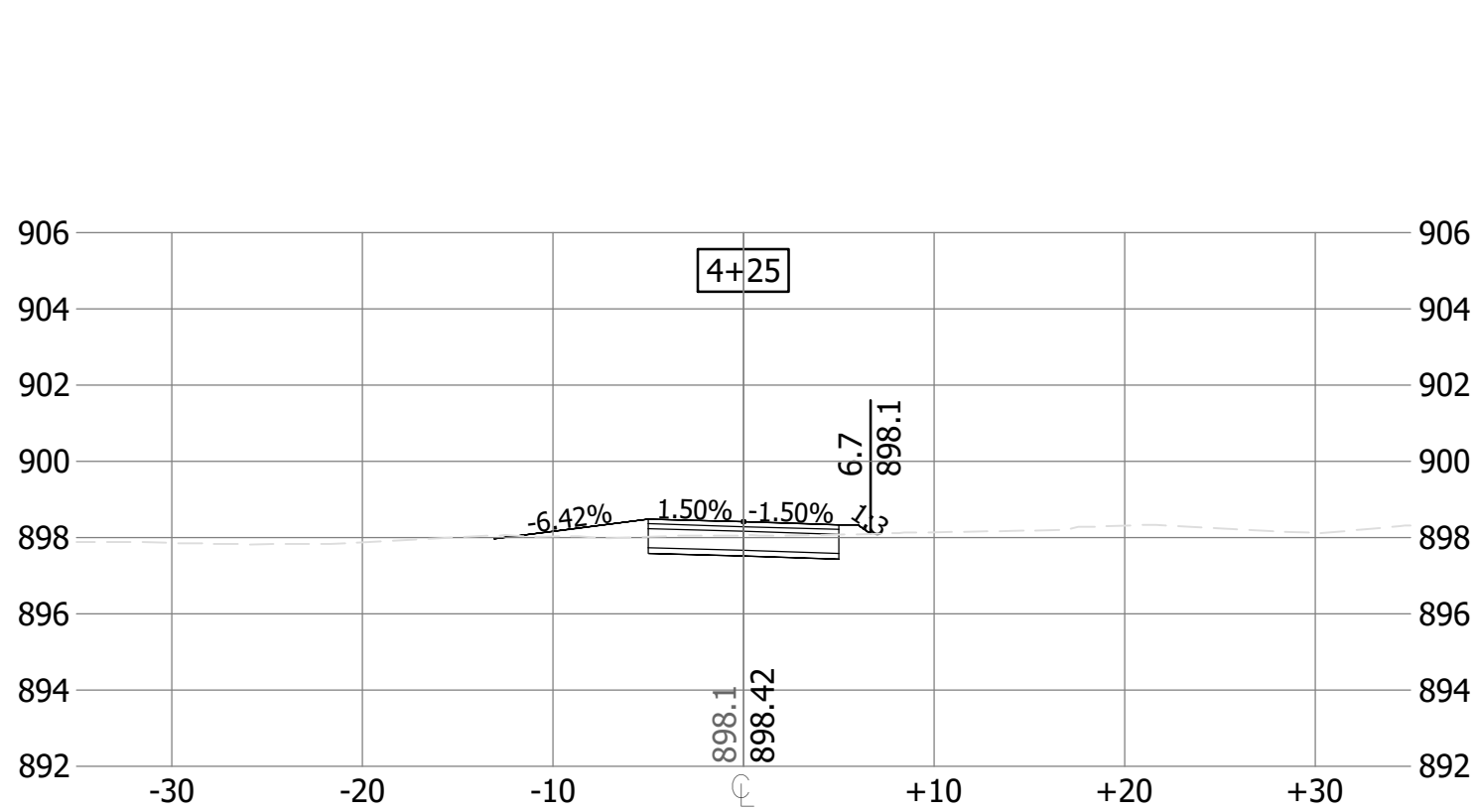
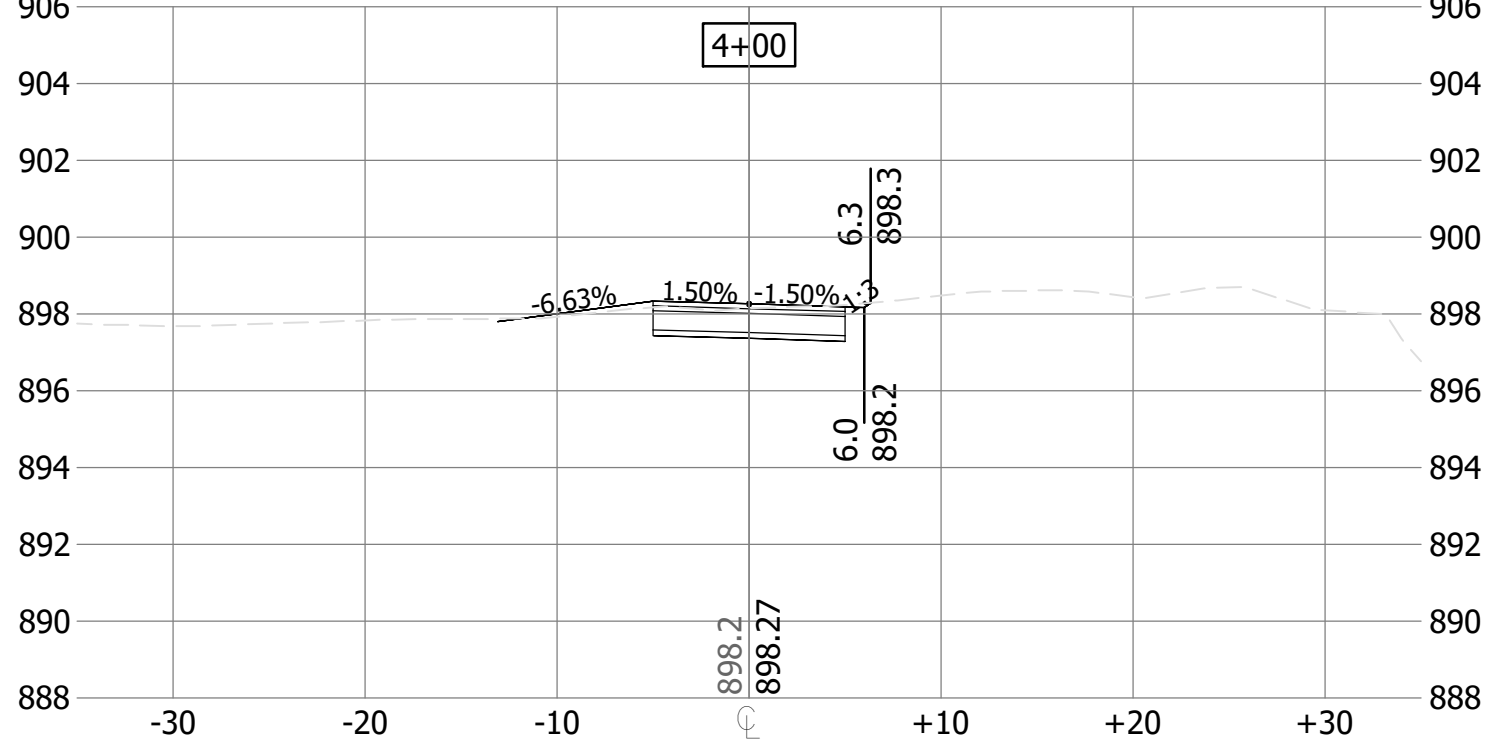
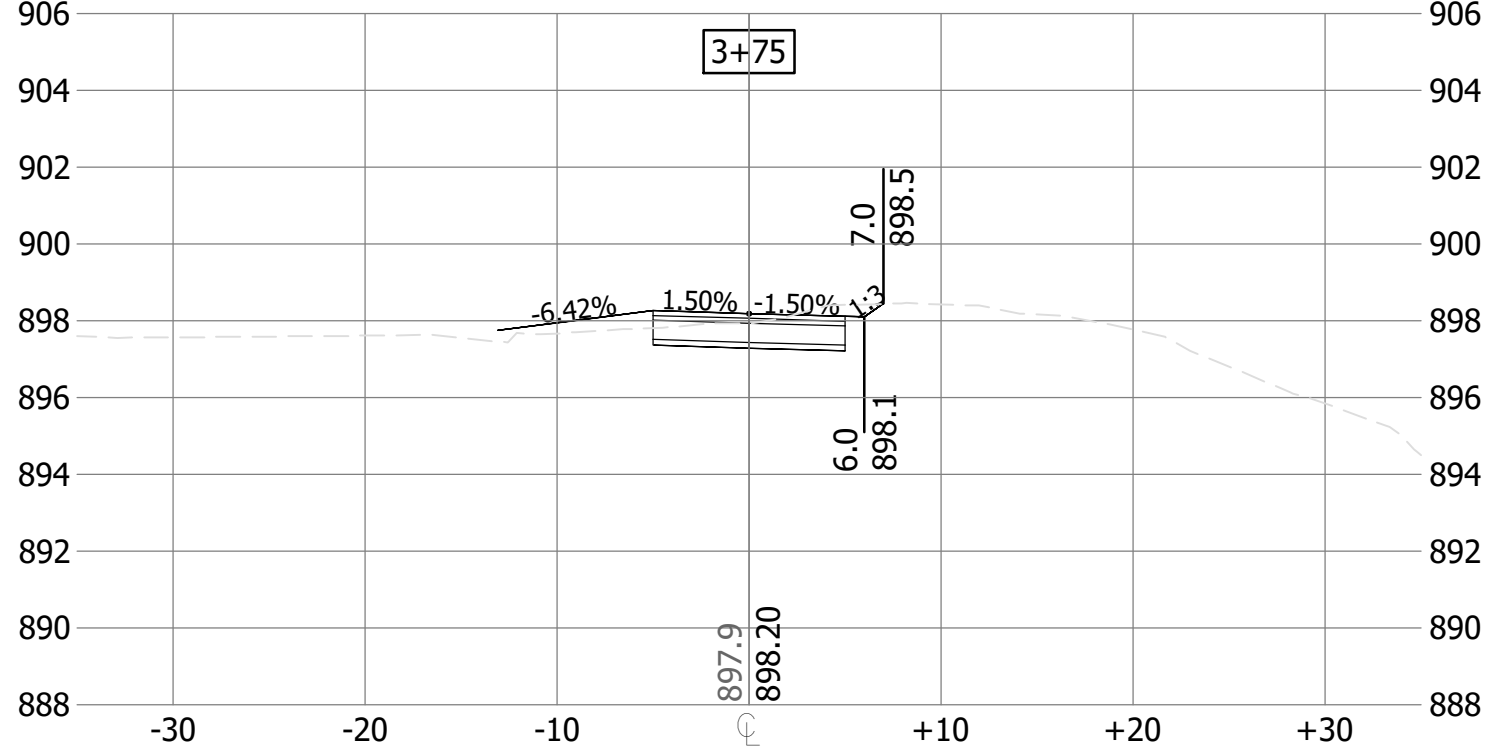
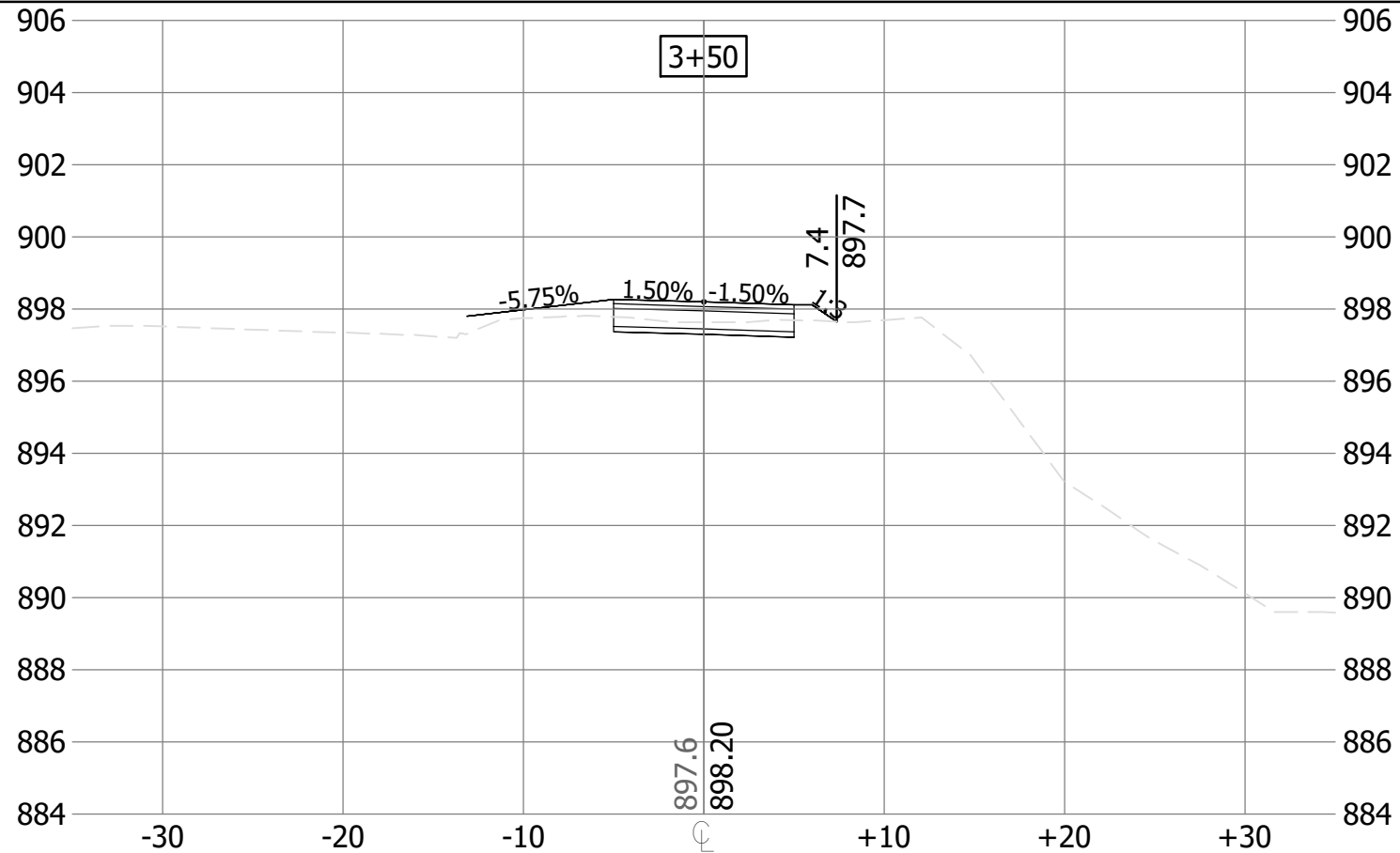
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ISSUE DATE: 09/22/2025

ISSUE NO.: 2

SHEET TITLE:
CROSS SECTIONS

SHEET NO.:
C7.02



ONE CARLSON PARKWAY
SUITE 100
PLYMOUTH, MN 55447
PHONE: 763-252-6800
WWW.STANTEC.COM

CLIENT:



MCWD CEDAR-GREENWAY TRAIL CONNECTION

CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

DATE	DESCRIPTION	ISSUE NO.
11/04/2022	FEASIBILITY STUDY	0
XXXX/2025	30% PLANS	1
09/22/2025	60% PLANS	2

CERTIFICATION:
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ISSUE NO.:
DATE:

PROJECT NO.: 227707443

DWN BY: JE CHK'D BY: NW APP'D BY: NW

ISSUE DATE: 09/22/2025

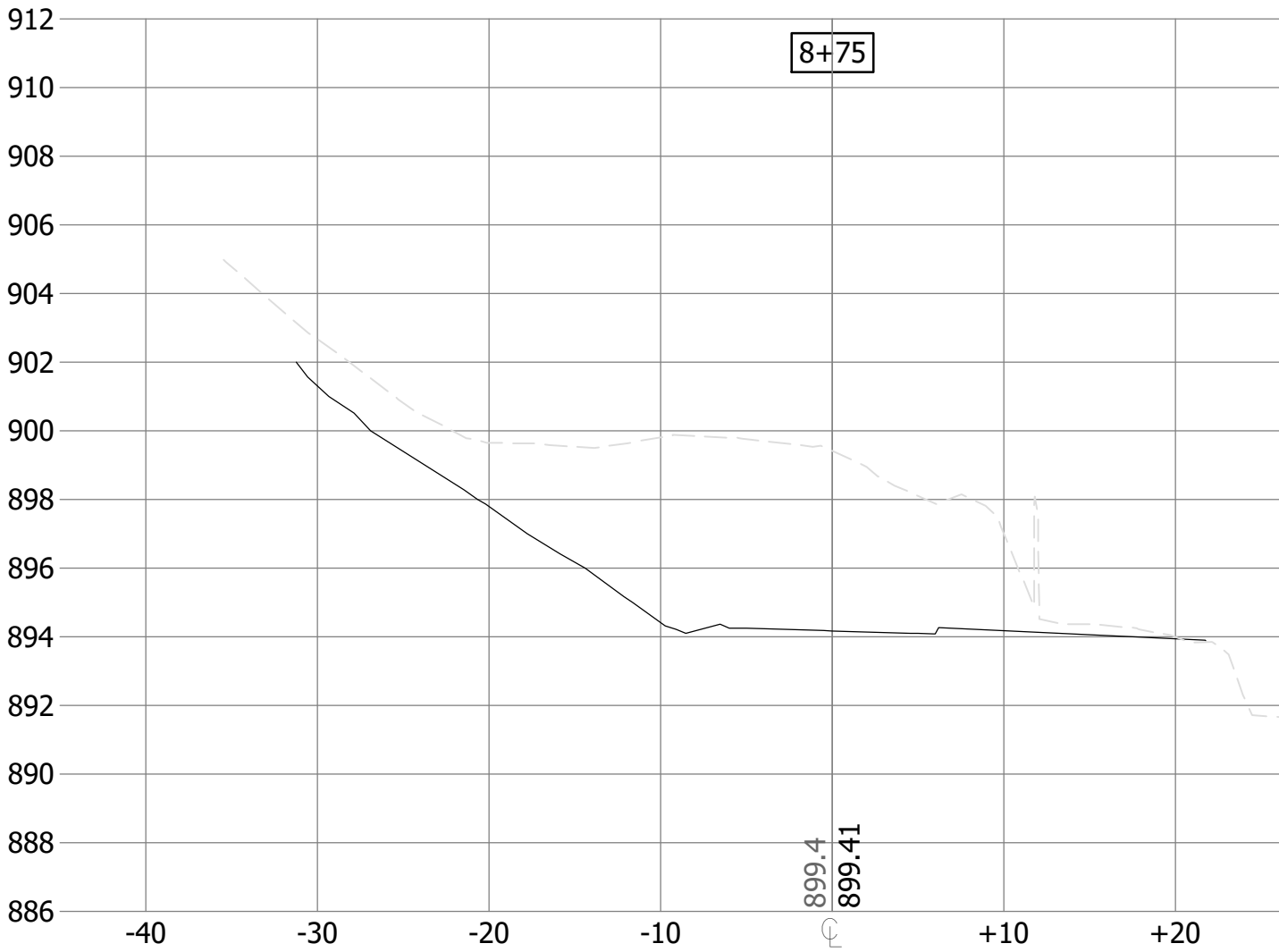
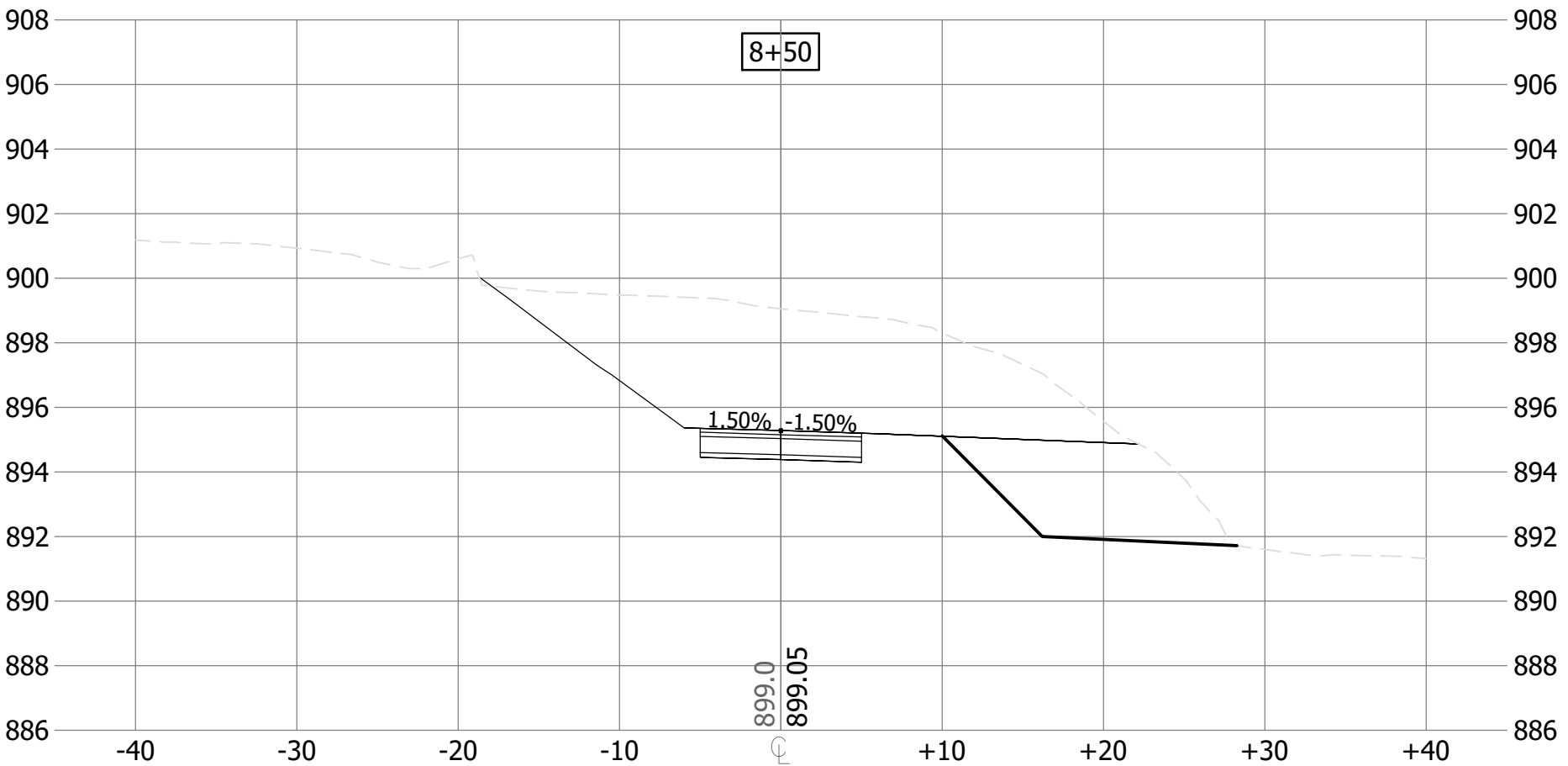
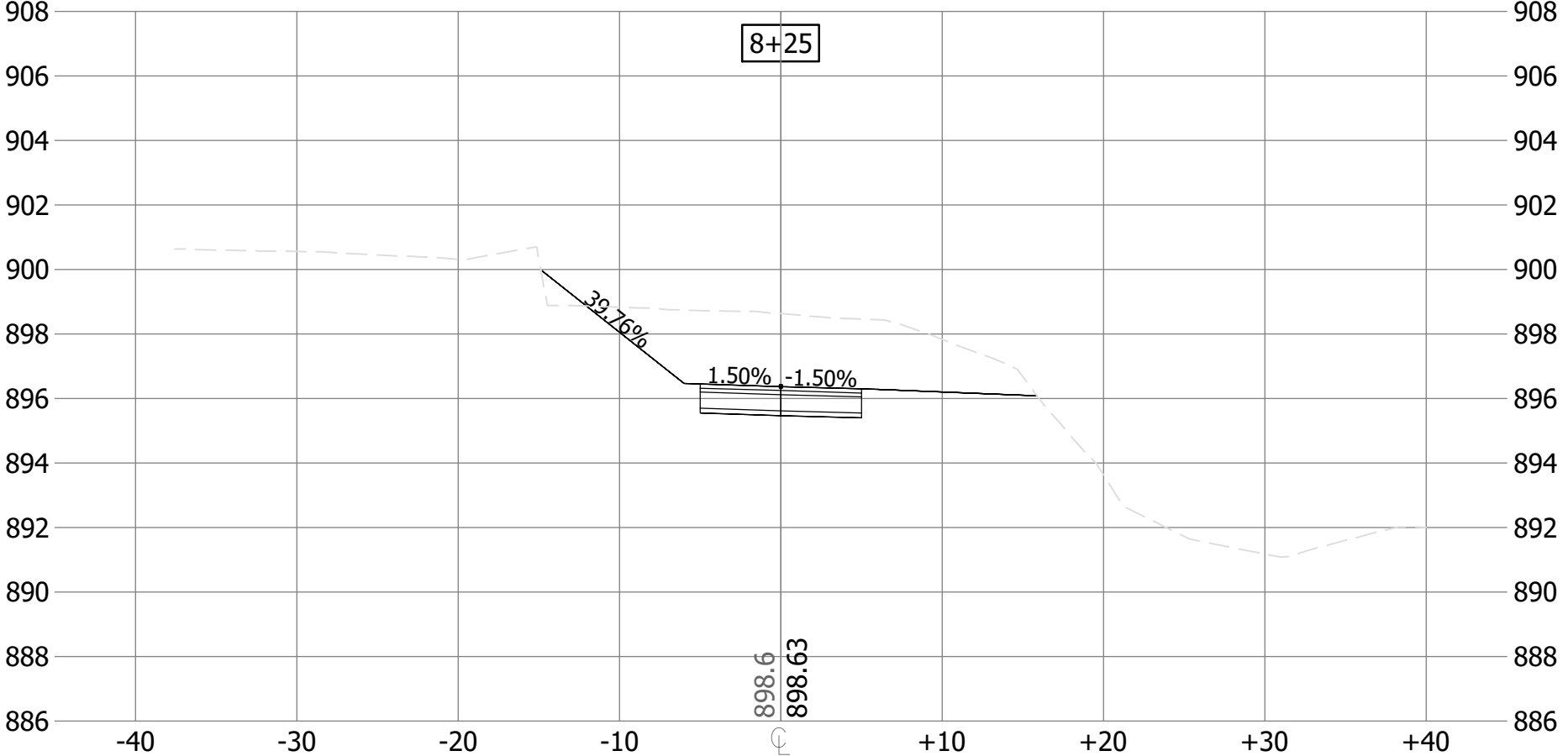
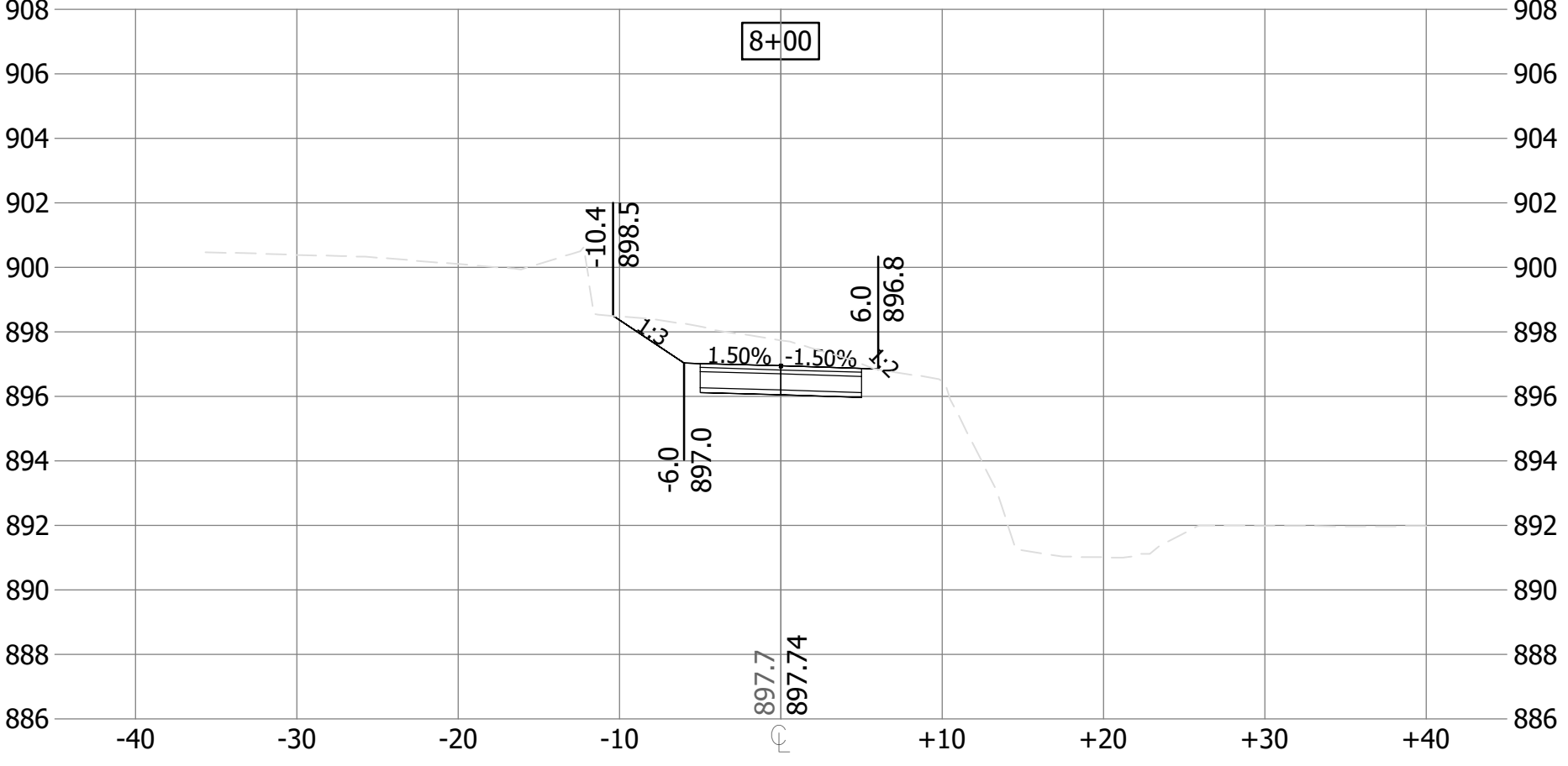
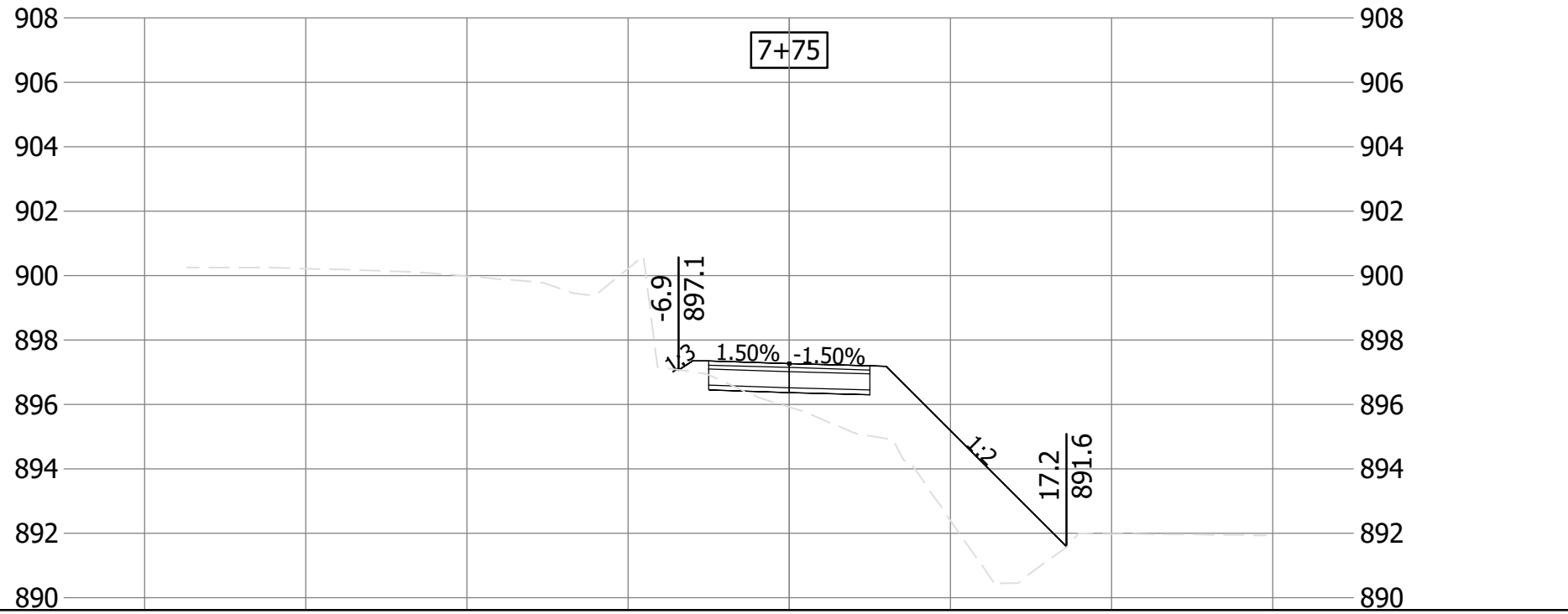
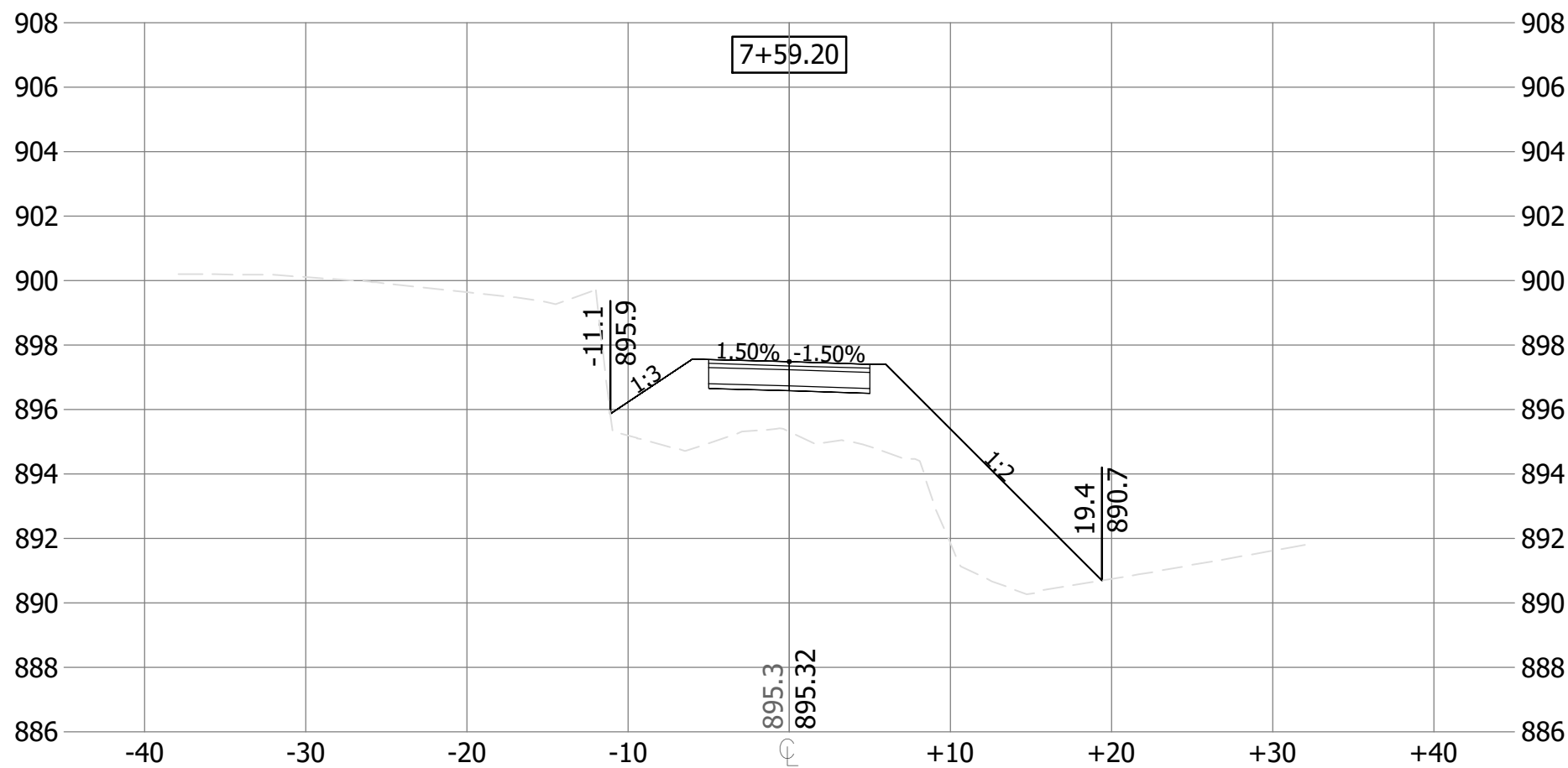
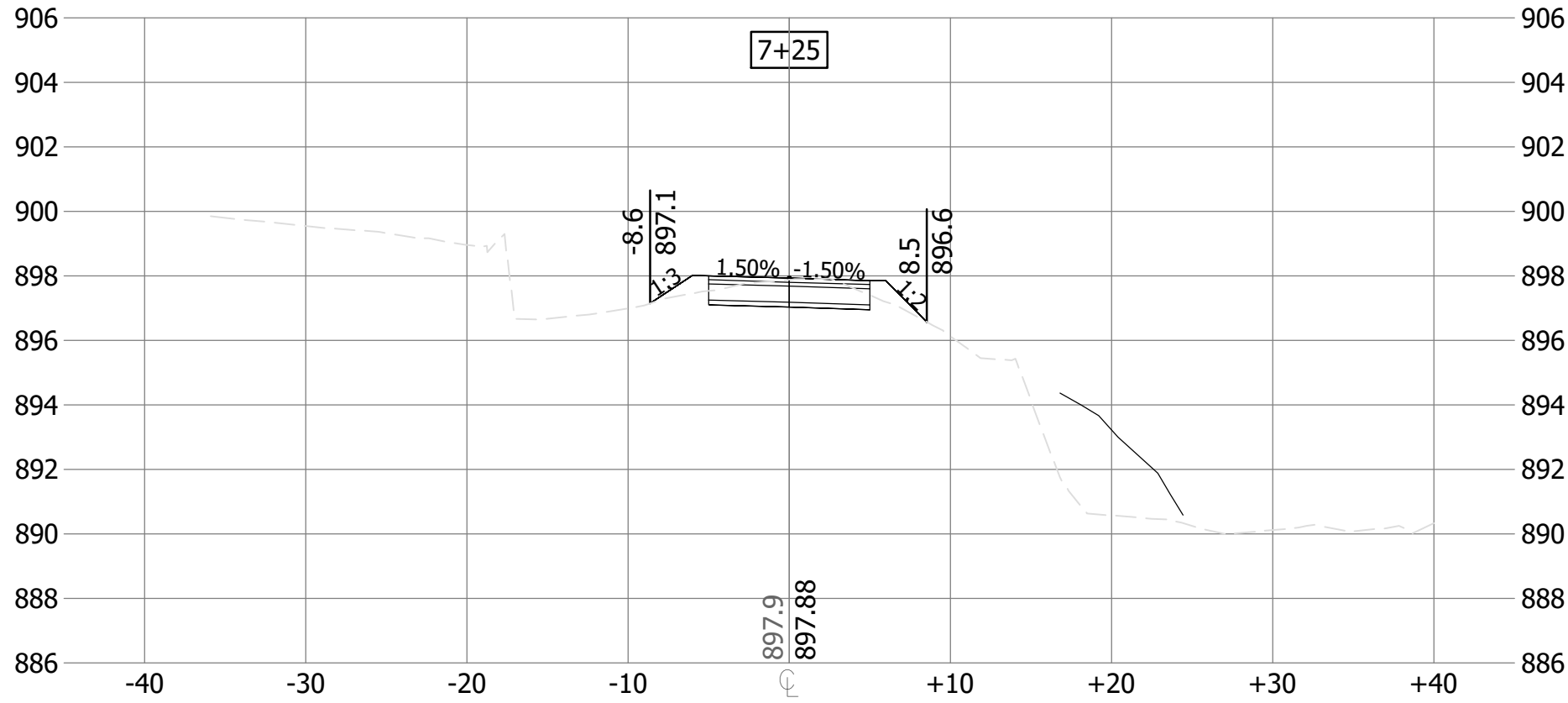
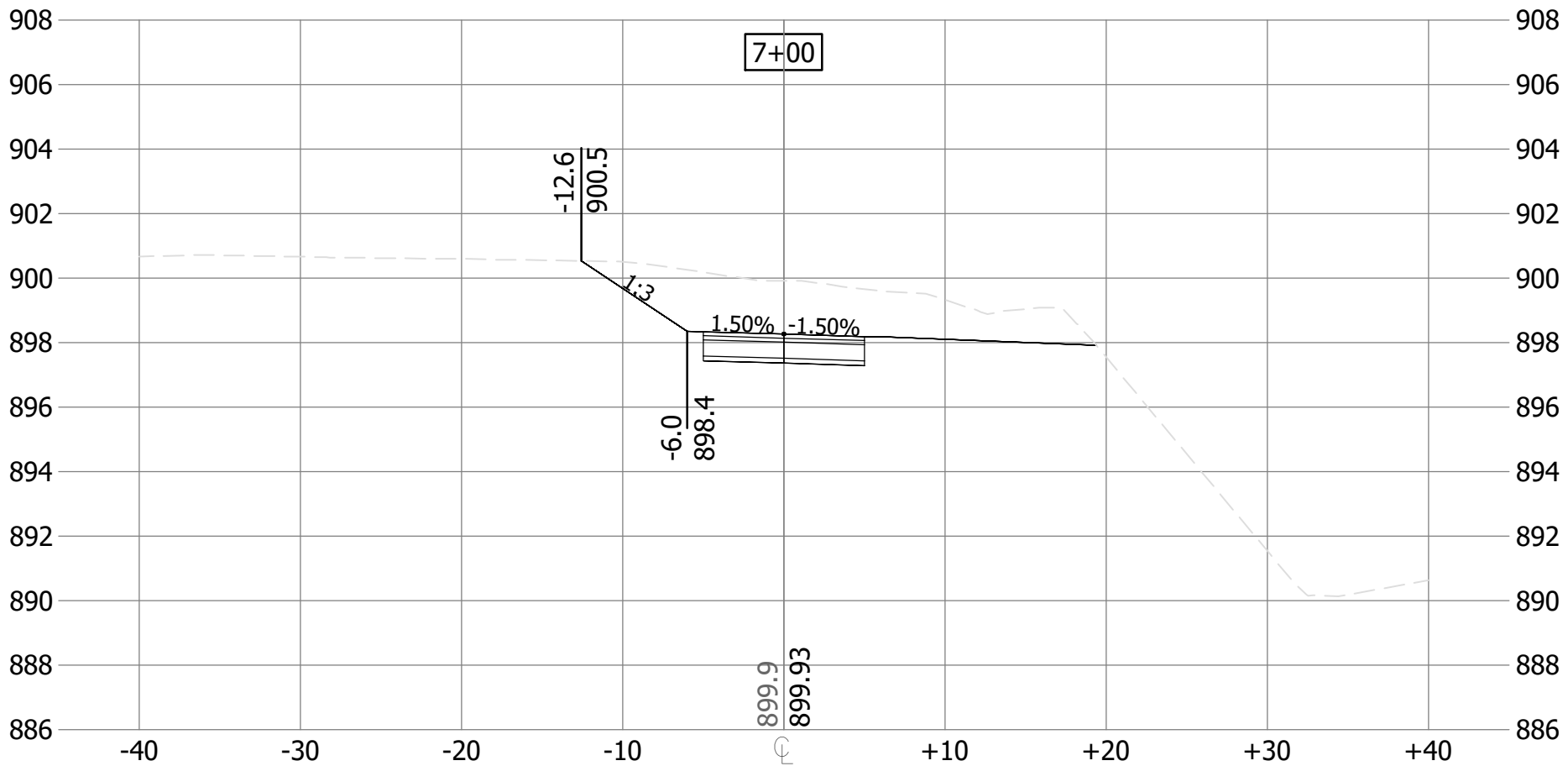
ISSUE NO.: 2

SHEET TITLE:

CROSS SECTIONS

SHEET NO.:

C7.03



ONE CARLSON PARKWAY
SUITE 100
PLYMOUTH, MN 55447
PHONE: 763-252-6800
WWW.STANTEC.COM

CLIENT:



MCWD CEDAR-GREENWAY
TRAIL CONNECTION
CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

0	1	2							
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DATE:

11/04/2023	XX/XX/2025	09/22/2025							
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DESCRIPTION:

FEASIBILITY STUDY	30% PLANS	60% PLANS							
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ISSUE NO.:

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DATE:

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PROJECT NO.: 227707443

DWN BY: JE

CHK'D BY: NW

APP'D BY: NW

ISSUE DATE: 09/22/2025

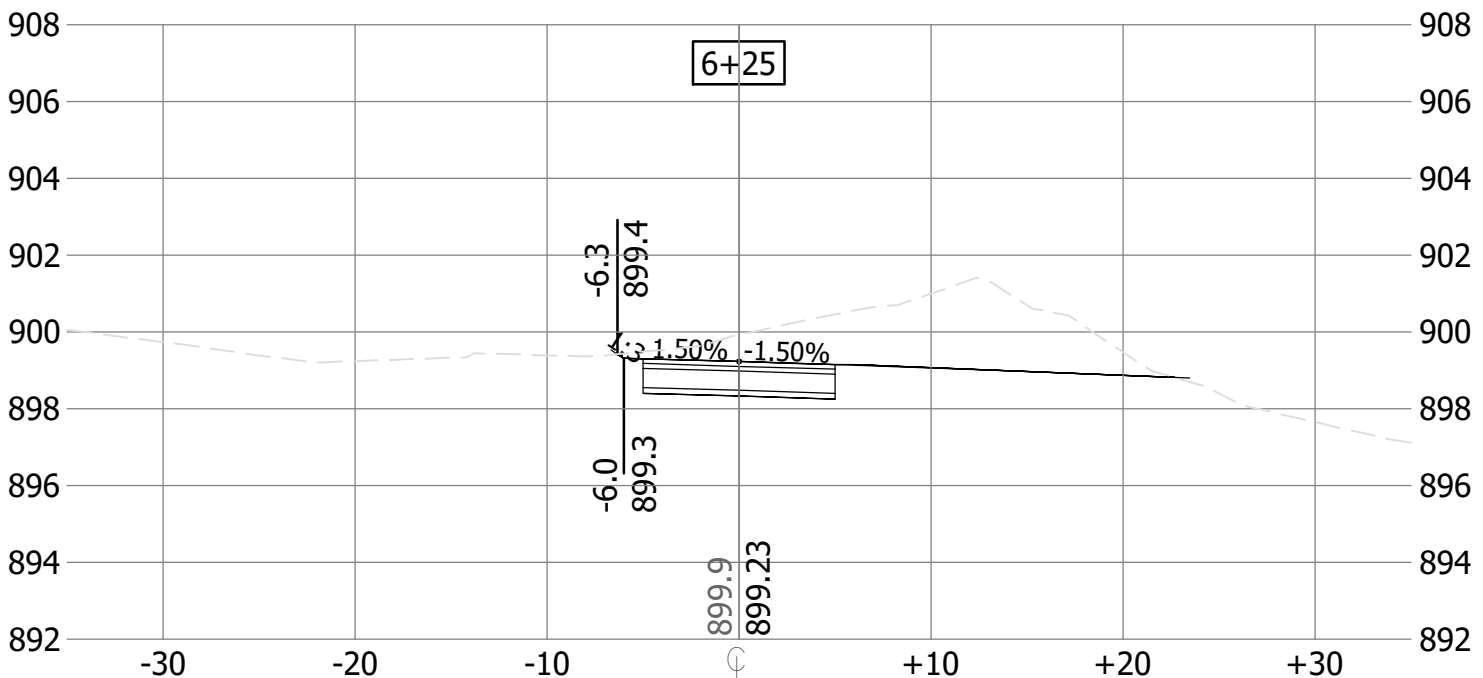
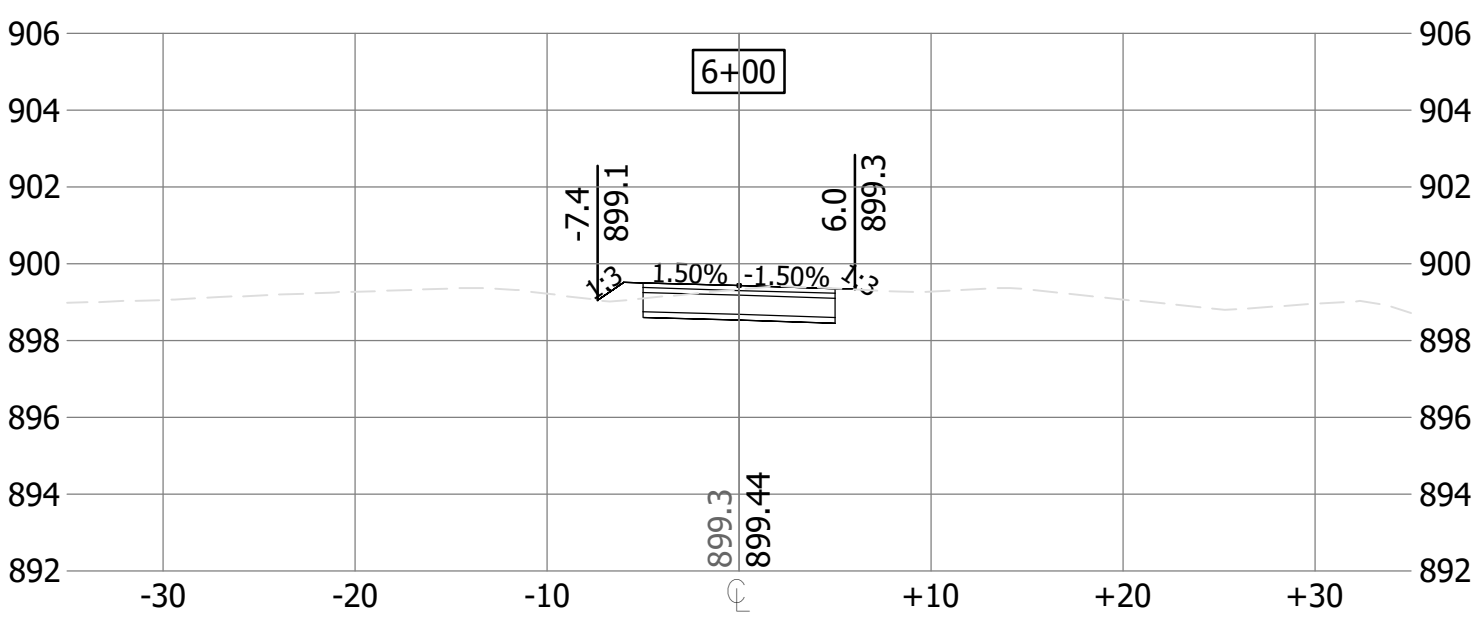
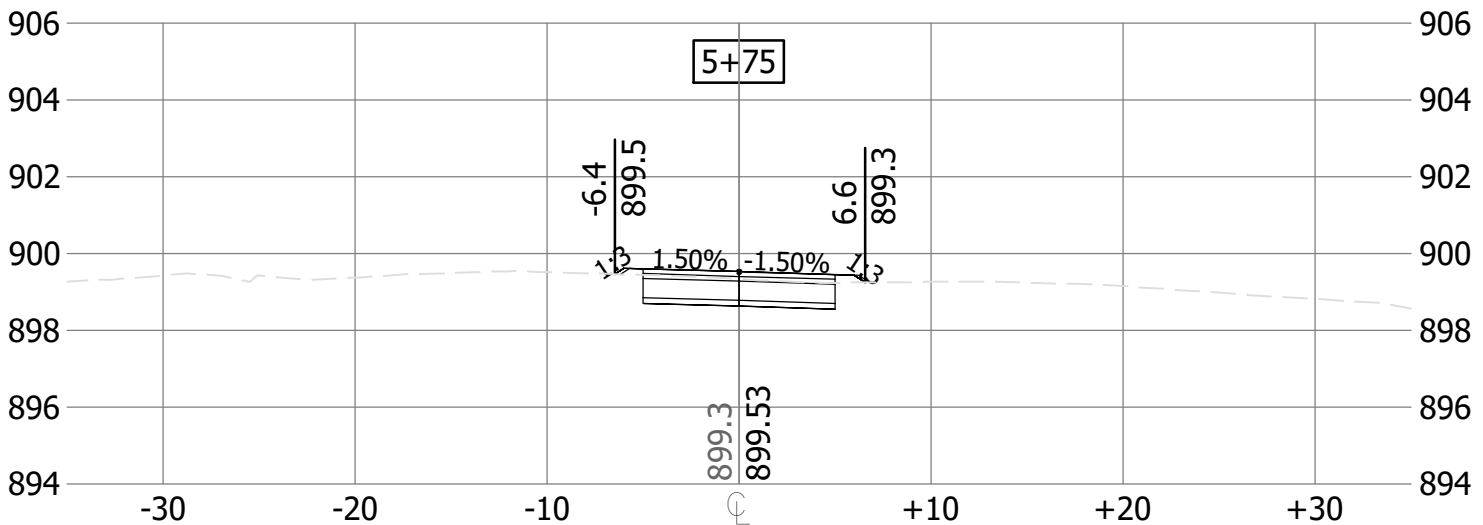
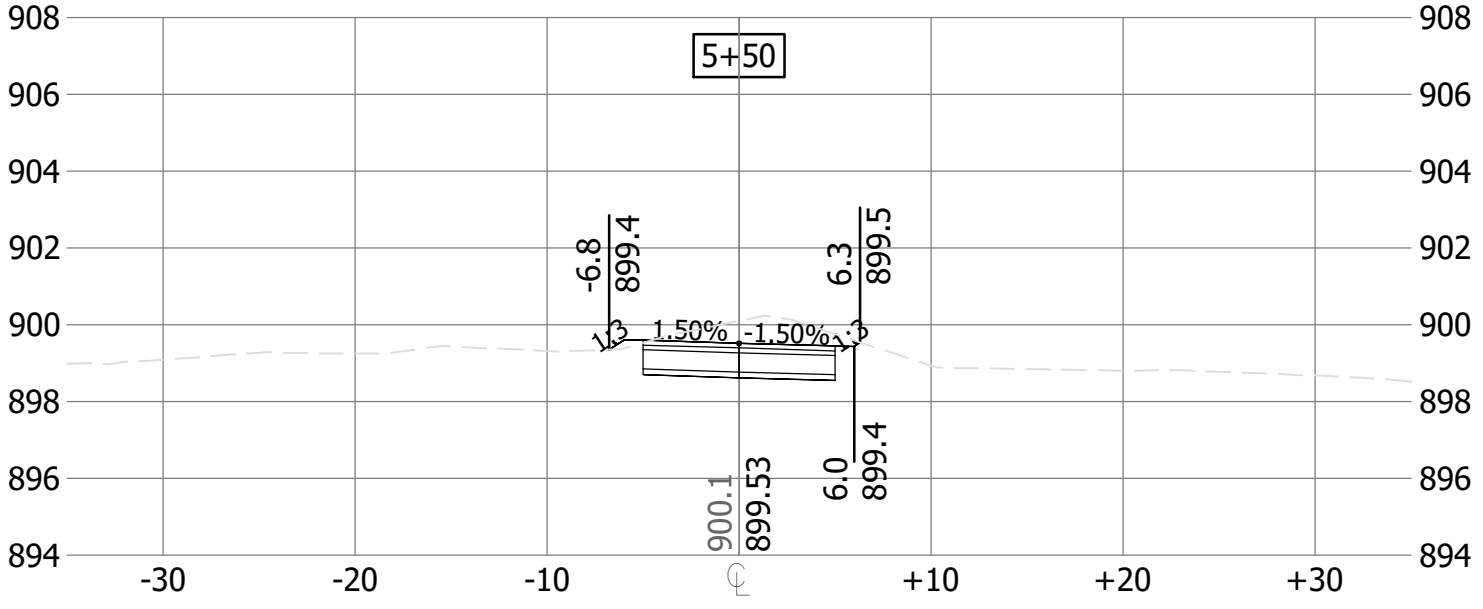
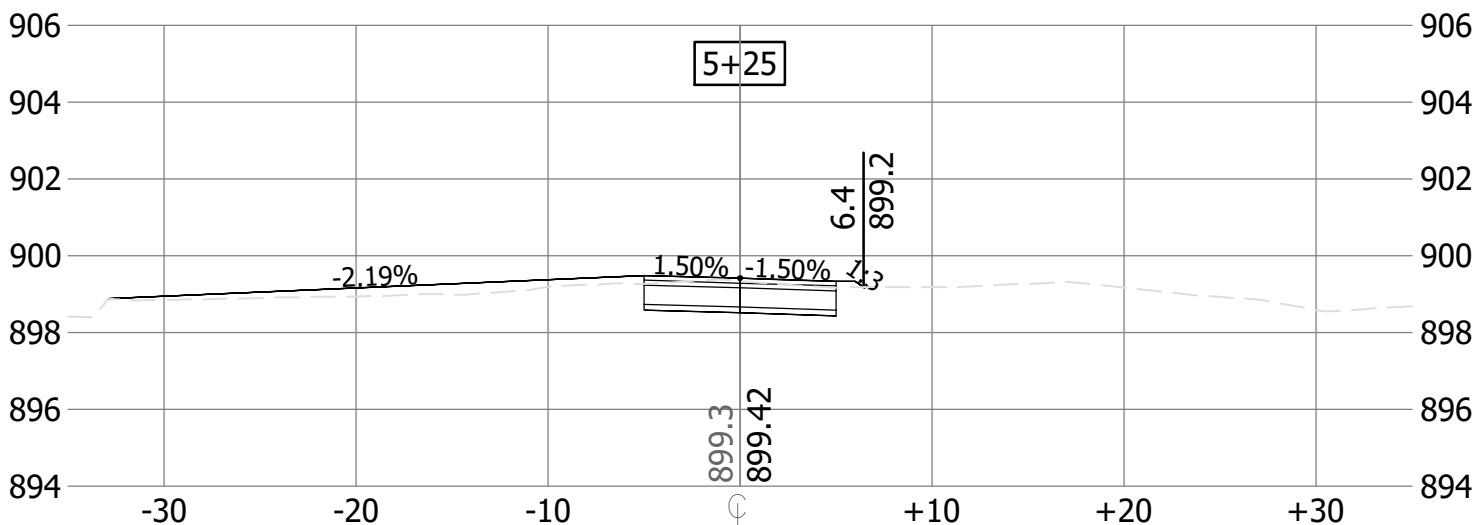
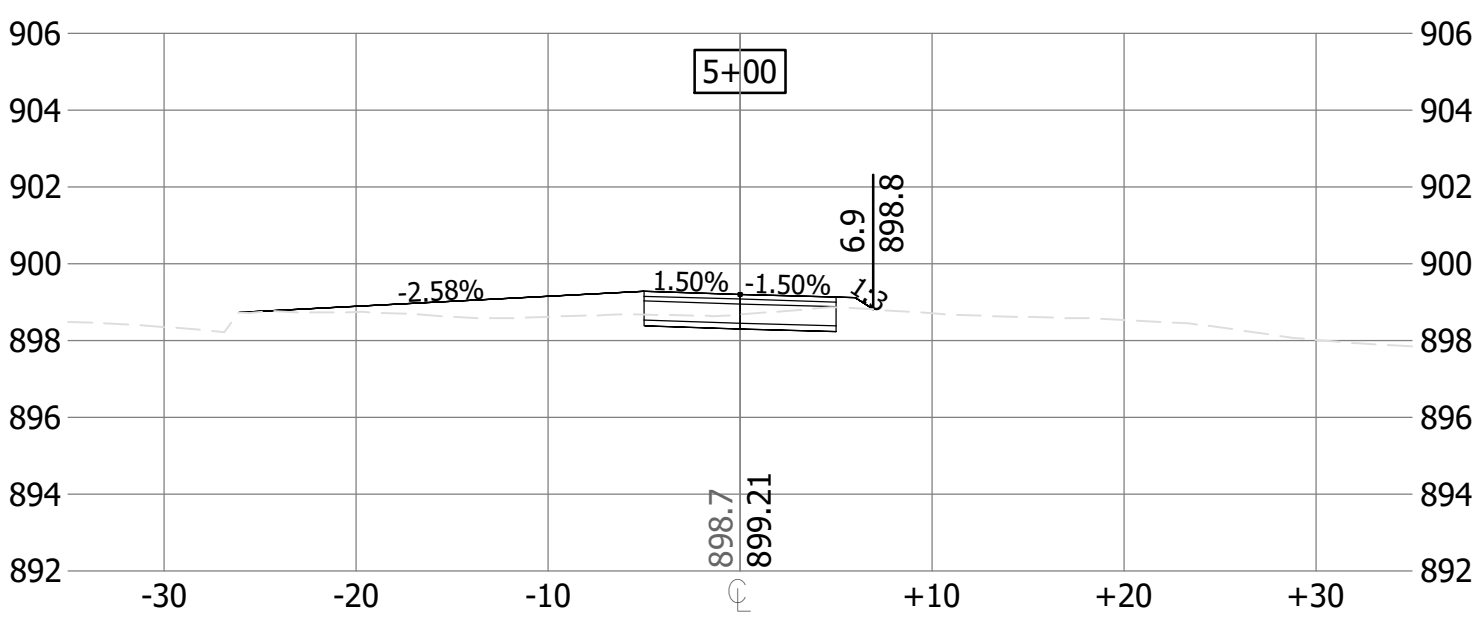
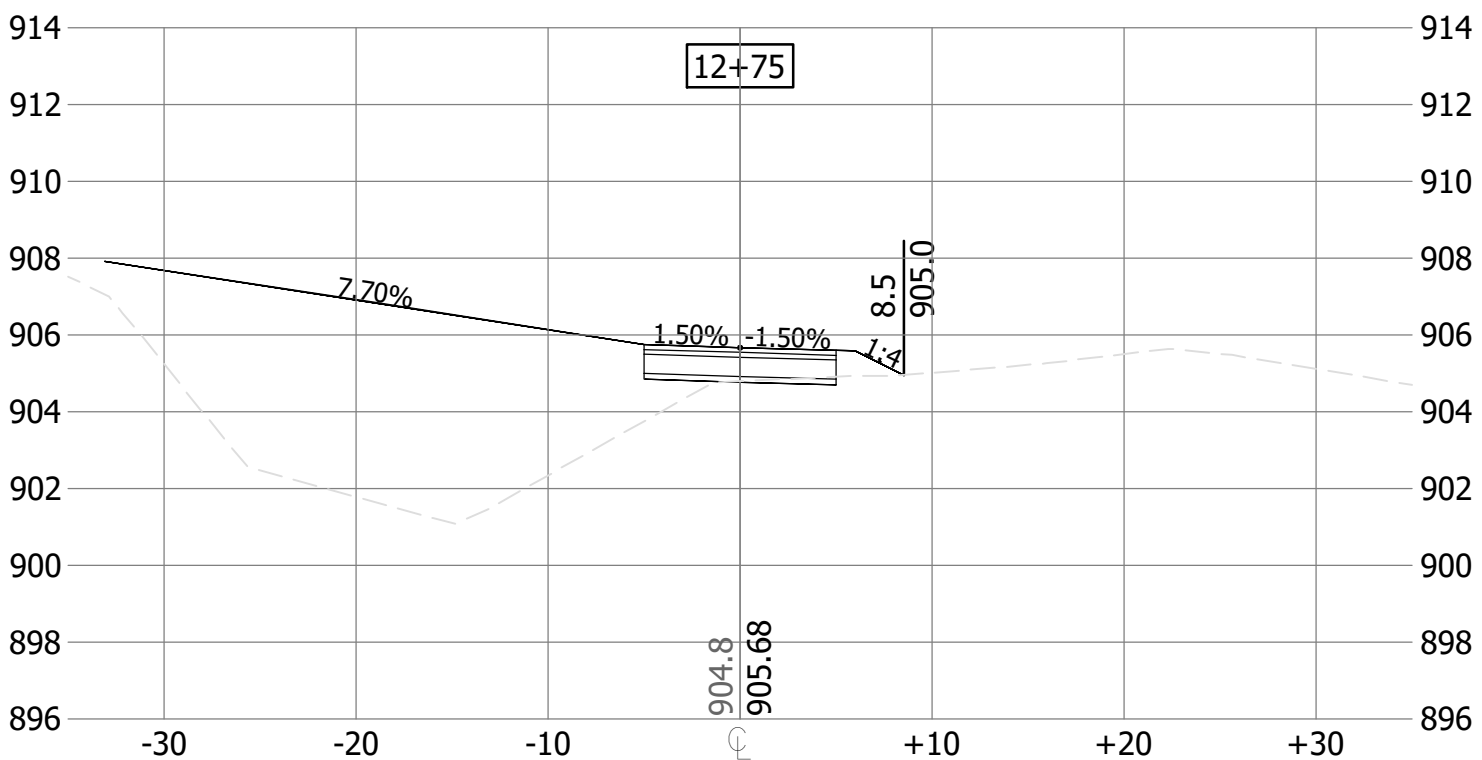
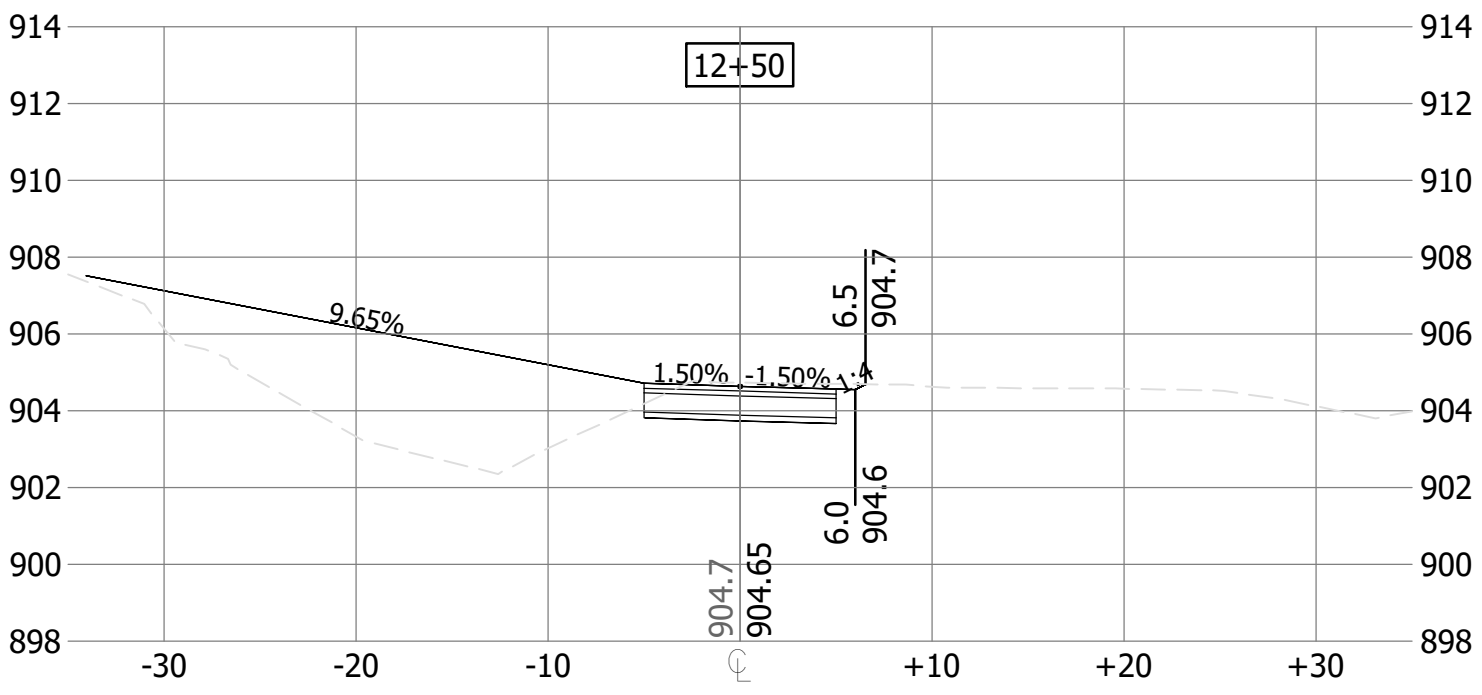
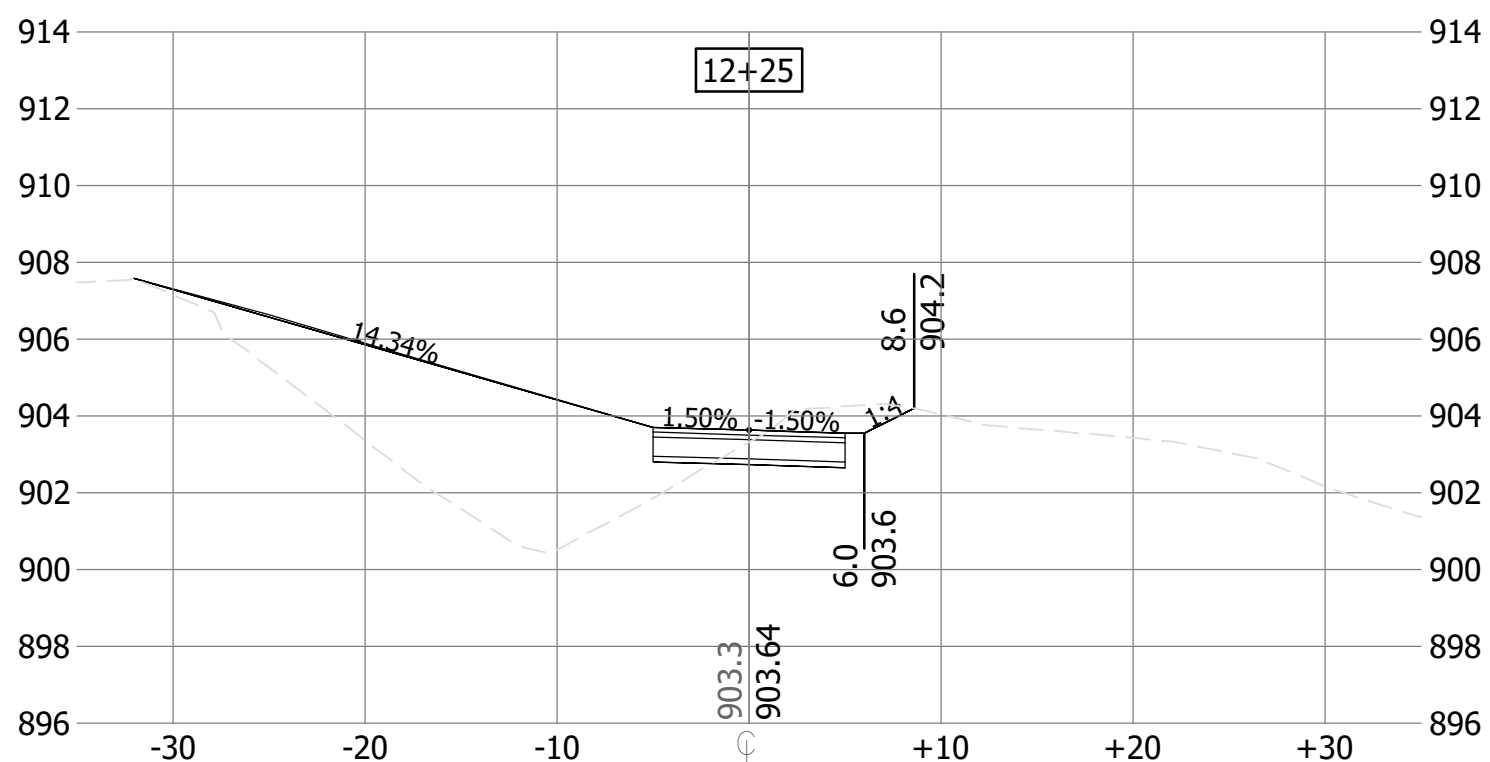
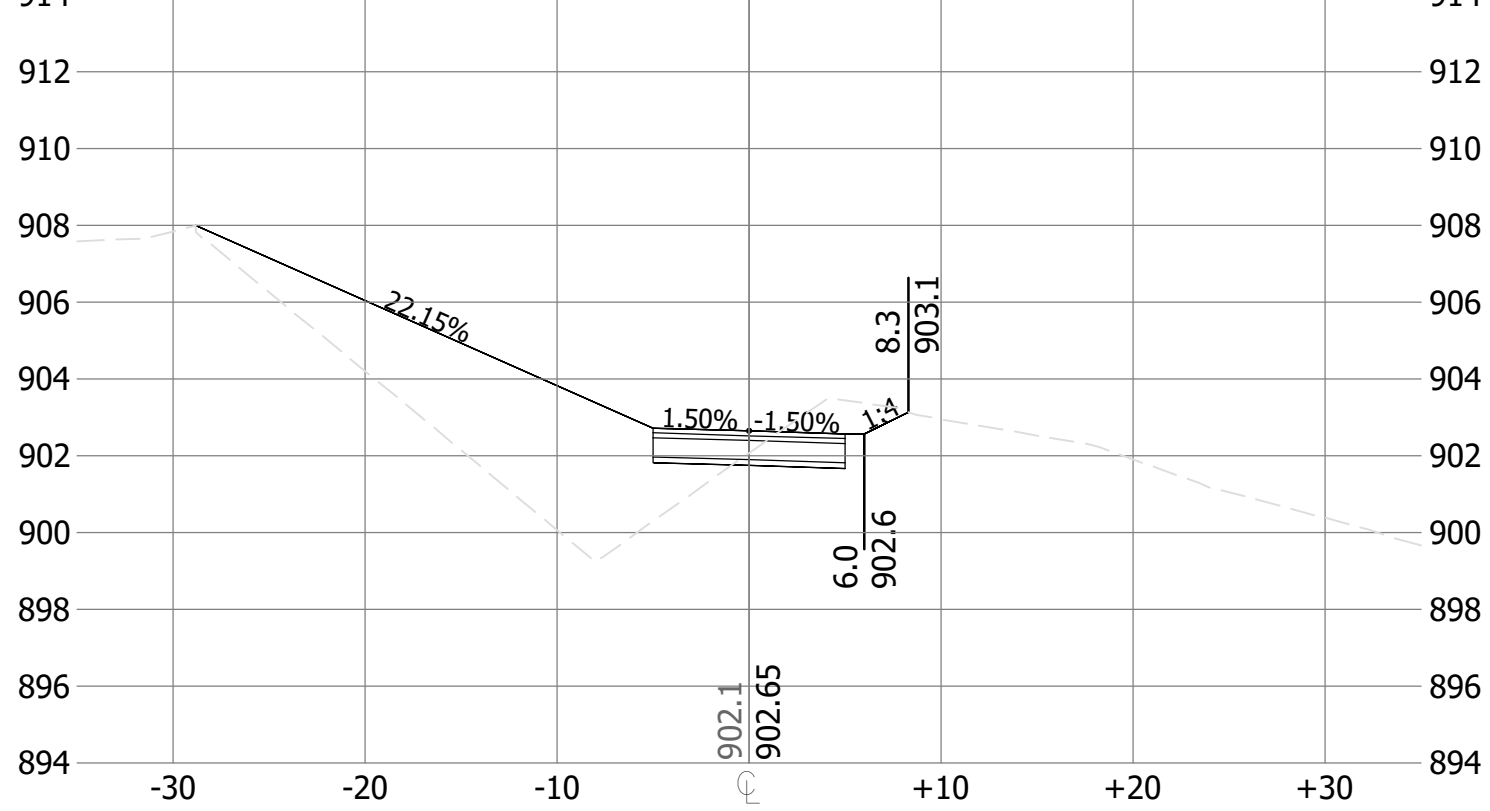
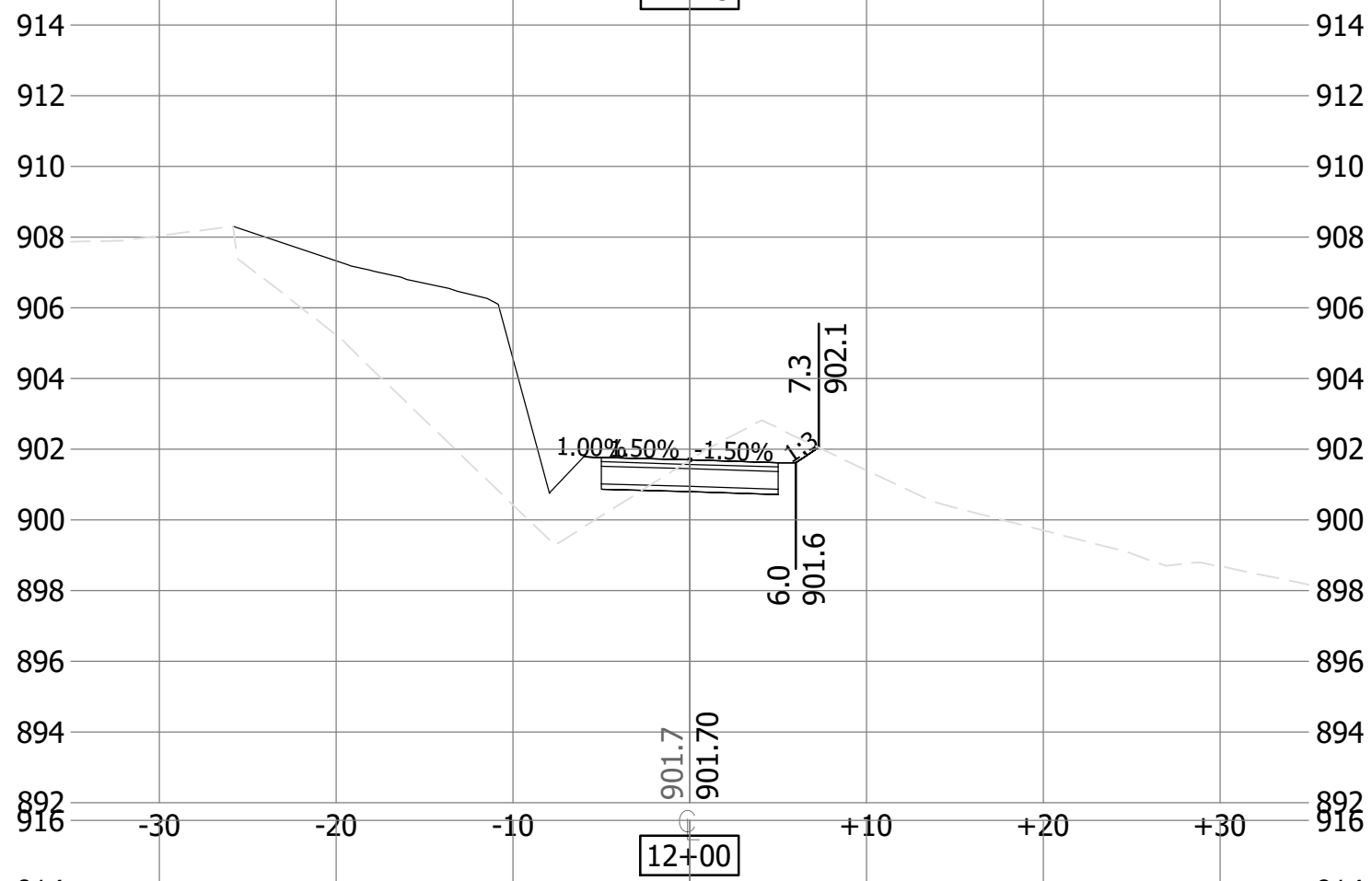
ISSUE NO.: 2

SHEET TITLE:

CROSS SECTIONS

SHEET NO.:

C7.04



ONE CARLSON PARKWAY
SUITE 100
PLYMOUTH, MN 55447
PHONE: 763-252-6800
WWW.STANTEC.COM

CLIENT:



MCWD CEDAR-GREENWAY TRAIL CONNECTION

CITY OF SAINT LOUIS PARK
HENNEPIN COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

0	1	2							
FEASIBILITY STUDY	30% PLANS	60% PLANS							

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PROJECT NO.:

227707443

DWN BY: JE

CHK'D BY: NW

APP'D BY: NW

ISSUE DATE: 09/22/2025

ISSUE NO.:

2

SHEET TITLE:

CROSS SECTIONS

SHEET NO.:

C7.06

OPINION OF PROBABLE COST
 MINNEHAHA CREEK WATERSHED DISTRICT
 CEDAR TO GREENWAY TRAIL CONNECTION
 227707443
 60% DESIGN
 September 22, 2025



NO.	NOTES	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
BASE BID SCHEDULE						
SCHEDULE A - REMOVALS, EARTHWORK, AND RESTORATION						
1		MOBILIZATION	LUMP SUM	1	\$ 56,000.00	\$ 56,000.00
2		TRAFFIC CONTROL	LUMP SUM	1	\$ 2,500.00	\$ 2,500.00
3	(1)	RAILROAD PROTECTIVE SERVICES	LUMP SUM	1	\$ 35,000.00	\$ 35,000.00
3		CLEAR & GRUB TREE	EACH	41	\$ 1,000.00	\$ 41,000.00
	(2)	CLEAR & GRUB BRUSH (BUCKTHORN)	SQ YD	600	\$ 35.00	\$ 21,000.00
4	(3)	REMOVE RIPRAP	LUMP SUM	1	\$ 15,000.00	\$ 15,000.00
5		REMOVE CURB AND GUTTER	LIN FT	56	\$ 20.00	\$ 1,120.00
6		REMOVE ASPHALT PAVEMENT	SQ YD	16	\$ 10.00	\$ 160.00
9		REMOVE STORM PIPE	LIN FT	40	\$ 40.00	\$ 1,600.00
10		REMOVE FENCE	LIN FT	25	\$ 25.00	\$ 625.00
11		COMMON EXCAVATION - ONSITE (EV) (P)	CU YD	634	\$ 20.00	\$ 12,680.00
12		COMMON EXCAVATION (FLOODPLAIN) - ONSITE	CU YD		\$ 25.00	\$ -
13		COMMON EXCAVATION - OFFSITE (EV)	CU YD		\$ 40.00	\$ -
14		COMMON BORROW	CU YD	540	\$ 40.00	\$ 21,600.00
15		AGGREGATE BASE CLASS 5	TON	680	\$ 22.00	\$ 14,960.00
16		3" BITUMINOUS WALK	TON	280	\$ 220.00	\$ 61,600.00
17		CONSTRUCT CONCRETE PEDESTRIAN RAMP W/ TRUNCATED DOMES	EACH	2	\$ 3,500.00	\$ 7,000.00
18		INSTALL GUARDRAIL	LIN FT	85	\$ 100.00	\$ 8,500.00
19		4' CHAIN LINK FENCE	LIN FT	340	\$ 65.00	\$ 22,100.00
20		BOULDER RETAINING WALL	LIN FT	170	\$ 220.00	\$ 37,400.00
21		MODULAR BLOCK RETAINING WALL	SQ FT	300	\$ 100.00	\$ 30,000.00
22		CONNECT TO EXISTING STORM PIPE	EACH	1	\$ 1,500.00	\$ 1,500.00
23		12" PVC SCH 40 - STORM	LIN FT	82	\$ 100.00	\$ 8,200.00
24		12" HEADWALL	EACH	1	\$ 3,000.00	\$ 3,000.00
25		30" PVC STORM SEWER DRAIN BASIN AND GRATE	EACH	2	\$ 5,000.00	\$ 10,000.00
26		48" CMP FLARED END SECTION	EACH	1	\$ 2,000.00	\$ 2,000.00
27		CONCRETE RIBBON CURB	LIN FT	10	\$ 65.00	\$ 650.00
28		TRENCH DRAIN	EACH	1	\$ 5,000.00	\$ 5,000.00
29		RANDOM RIPRAP CL II	TON	10	\$ 200.00	\$ 2,000.00
30		STONE TOE	TON	100.00	\$ 250.00	\$ 25,000.00
31		TOPSOIL BORROW	CU YD	340.00	\$ 35.00	\$ 11,900.00
32		STORM DRAIN INELT PROTECTION - MAINTAINED	EACH	4	\$ 150.00	\$ 600.00
33		SILT FENCE, TYPE MS - MAINTAINED	LIN FT	1456	\$ 3.00	\$ 4,368.00
34		SILT CURTAIN, TYPE MOVING WATER - MAINTAINED	LIN FT	100	\$ 45.00	\$ 4,500.00
35		CULVERT END PROTECTION - MAINTAINED	EACH	1	\$ 200.00	\$ 200.00
36		EROSION CONTROL BLANKET	SY YD	2990	\$ 2.00	\$ 5,980.00
37		MNDOT SEED MIX 25-131	LBS	300	\$ 18.00	\$ 5,400.00
SUBTOTAL SCHEDULE A						\$ 480,143.00

		SUBTOTAL	\$ 480,143.00
		[20%] CONTINGENCY	\$ 96,028.60
		TOTAL CONSTRUCTION COST	\$ 576,171.60
		20% LEGAL, ENGINEERING, ADMIN, FINANCE	\$ 115,234.32
		TOTAL PROJECT COSTS	\$ 691,405.92

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
ALTERNATE #1 FABRIC ENCAPSULATED SOIL LIFTS					
A1.1	MODULAR BLOCK RETAINING WALL	SQ FT	-300	\$ 100.00	\$ (30,000.00)
A1.2	FES LIFTS	LIN FT	300.00	\$ 65.00	\$ 19,500.00
TOTAL ALTERNATE 1 BID					\$ (10,500.00)

		TOTAL BASE + ALTERNAT 1 BID	\$ 469,643.00
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NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
ALTERNATE #2 FABRIC ENCAPSULATED SOIL LIFTS WITH BRUSH LAYERING					

A2.1		FES LIFTS	LIN FT	-300.00	\$ 65.00	\$ (19,500.00)
A2.2		LIVE BRUSH LAYERING LIFTS	LIN FT	300	\$ 150.00	\$ 45,000.00
		TOTAL ALTERNATE 2 BID				\$ 25,500.00

		TOTAL BASE + ALTERNATE 1 + ALTERNATE 2 BID				\$ 495,143.00
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NO.		ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
ALTERNATE #3 NORTH RETAINING WALL						
A3.1		BOULDER RETAINING WALL	LIN FT	-170	220	\$ (37,400.00)
A3.2		MODULAR BLOCK RETAINING WALL	SQ FT	920.00	\$ 100.00	\$ 92,000.00
						\$ -
		TOTAL ALTERNATE 3 BID				\$ 54,600.00

		TOTAL BASE + ALTERNATE 3 BID				\$ 534,743.00
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- (1) EARLY ESTIMATE FOR EXPECTED NEEDS FOR RAILROAD FLAGGING. CONTRACTOR SCHEDULE AND SEQUENCING WILL DETERMINE FINAL FLAGGING NEEDS
- (2) BUCKTHORN REMOVAL AREA IS TO BE DETERMINED IN THE FIELD. QUANTITY SUBJECT TO CHANGE
- (3) EARLY ESTIMATE FOR RIPRAP REMOVAL FROM UNDER BRIDGE