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**Title:** Cedar Trail Connection 30% Design Update

**Prepared by:** Name: Gabriel Sherman, Planner-Project Manager  
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**Purpose:**

At the May 8, 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 30% design package (attached), early permitting considerations, and the status of several project agreements.

**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 streambanks 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 then, Stantec and MCWD staff have worked closely to advance designs to 30%, complete a draft Phase I Environmental Site Assessment, and conduct a preliminary permitting screening. 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.

- **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):** Throughout 2015 and 2016, MCWD also coordinated with PIC, a commercial property adjacent to Minnehaha Creek which will be impacted by a small portion of the trail connection. PIC is supportive of the project and is reviewing a project agreement with MCWD to memorialize coordination efforts during design and construction and reflect a sale or transfer of land rights allowing MCWD to construct its trail over a small portion of PIC’s property.
- **Private residences:** MCWD staff have had productive conversations with several private residential property owners immediately upstream of the rail and regional trail bridges. While the preferred trail alignment likely only indirectly impacts one of these properties, there is the potential to collaborate on additional streambank restoration.

#### *Next Steps*

Following the May 8, 2025, Board of Managers meeting, all feedback from the Board and agency partners will be memorialized and addressed as the designs progress to 60%. At the 60% design milestone, a community meeting will be held in accordance with statute and the project’s Outreach Plan. All project agreements will continue to be refined so they can be executed by the time the project reaches its 90% design milestone. Pre-permitting discussions with relevant agencies will also be initiated as the project gets closer to completion of 60% design.

#### *May 8, 2025, MCWD Board of Managers Meeting*

At the May 8, 2025, Board of Managers meeting, staff will provide an update on all aspects of the project, solicit Board feedback on the 30% design direction, detail next steps, and present an updated project timeline.

#### **Supporting documents:**

- Attachment A: 30% design package

CONSTRUCTION PLANS

FOR

MCWD CEDAR-GREENWAY TRAIL  
CONNECTION PROJECT

CITY PROJECT NUMBER:  
SAINT LOUIS PARK, MINNESOTA  
AUGUST 2025

ENGINEER



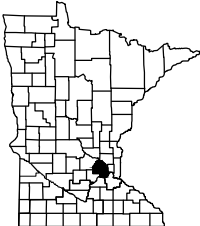
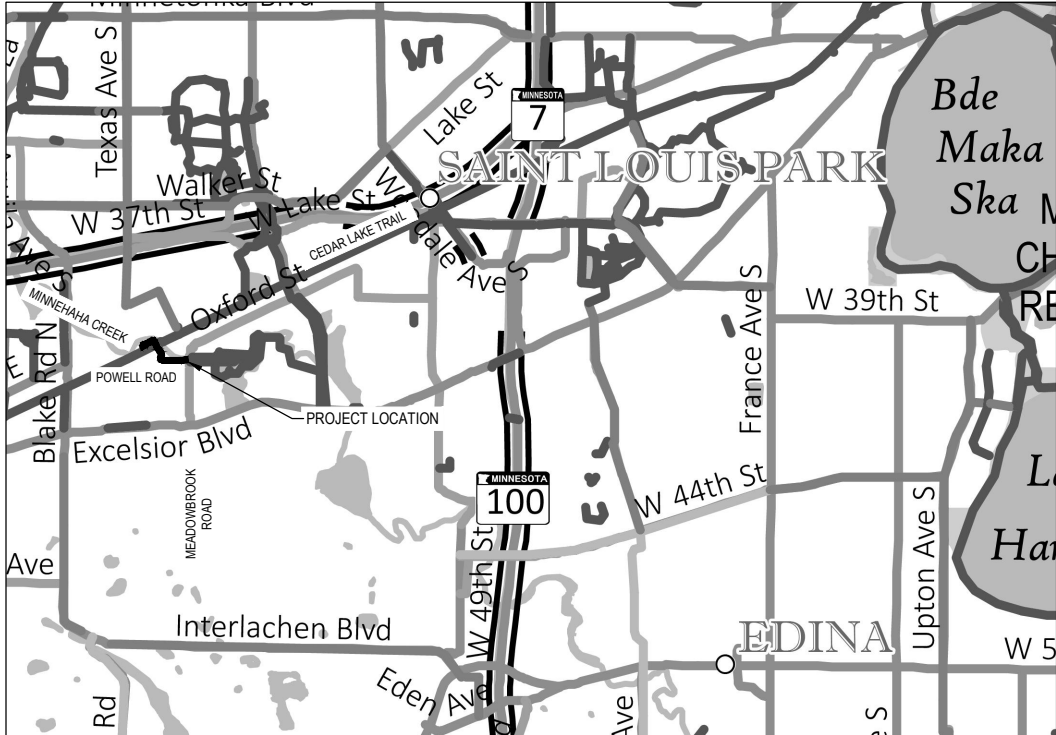
STANTEC CONSULTING SERVICES INC.  
ONE CARLSON PARKWAY  
SUITE 100  
PLYMOUTH, MN 55447

(P) - 763-252-6844  
CONTACT: CHRIS MEEHAN

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 11 SHEETS

| SHEET INDEX  |                                     |
|--------------|-------------------------------------|
| Sheet Number | Sheet Title                         |
| G0.01        | TITLE SHEET                         |
| G0.02        | LEGENDS                             |
| C0.01        | EXISTING CONDITIONS & REMOVALS PLAN |
| C6.01        | CONSTRUCTION PLAN AND PROFILE       |
| C6.02        | CONSTRUCTION PLAN AND PROFILE       |
| 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 HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

1

DESCRIPTION:

FEASIBILITY STUDY  
30% PLANS

DATE:

11/04/2023  
XX/XX/2025

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.

ISSUE NO.:

DATE:

PROJECT NO.: 227707443

DWN BY: ADG CHKD BY: NW APPD BY: CM

ISSUE DATE: XX/XX/2025

ISSUE NO.: 0

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

|  |       |  |       |  |       |                               |
|--|-------|--|-------|--|-------|-------------------------------|
|  | CTV-D |  | CTV-D |  | CTV-D | CABLE TV QUALITY LEVEL D      |
|  | CTV-C |  | CTV-C |  | CTV-C | CABLE TV QUALITY LEVEL C      |
|  | CTV-B |  | CTV-B |  | CTV-B | CABLE TV QUALITY LEVEL B      |
|  | CTV-A |  | CTV-A |  | CTV-A | CABLE TV QUALITY LEVEL A      |
|  | FO-D  |  | FO-D  |  | FO-D  | FIBER OPTIC QUALITY LEVEL D   |
|  | FO-C  |  | FO-C  |  | FO-C  | FIBER OPTIC QUALITY LEVEL C   |
|  | FO-B  |  | FO-B  |  | FO-B  | FIBER OPTIC QUALITY LEVEL B   |
|  | FO-A  |  | FO-A  |  | FO-A  | FIBER OPTIC QUALITY LEVEL A   |
|  | E-D   |  | E-D   |  | E-D   | POWER QUALITY LEVEL D         |
|  | E-C   |  | E-C   |  | E-C   | POWER QUALITY LEVEL C         |
|  | E-B   |  | E-B   |  | E-B   | POWER QUALITY LEVEL B         |
|  | E-A   |  | E-A   |  | E-A   | POWER QUALITY LEVEL A         |
|  | G-D   |  | G-D   |  | G-D   | GAS QUALITY LEVEL D           |
|  | G-C   |  | G-C   |  | G-C   | GAS QUALITY LEVEL C           |
|  | G-B   |  | G-B   |  | G-B   | GAS QUALITY LEVEL B           |
|  | G-A   |  | G-A   |  | G-A   | GAS QUALITY LEVEL A           |
|  | C-D   |  | C-D   |  | C-D   | COMMUNICATION QUALITY LEVEL D |
|  | C-C   |  | C-C   |  | C-C   | COMMUNICATION QUALITY LEVEL C |
|  | C-B   |  | C-B   |  | C-B   | COMMUNICATION QUALITY LEVEL B |
|  | C-A   |  | C-A   |  | C-A   | COMMUNICATION QUALITY LEVEL A |
|  | OHP   |  | OHP   |  | OHP   | OVERHEAD POWER                |
|  | OHC   |  | OHC   |  | OHC   | OVERHEAD COMMUNICATION        |
|  | OHU   |  | OHU   |  | OHU   | 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

|  |     |  |     |  |     |                  |
|--|-----|--|-----|--|-----|------------------|
|  | FM  |  | FM  |  | FM  | FORCE MAIN       |
|  | >   |  | >   |  | >   | SANITARY SEWER   |
|  | ->  |  | ->  |  | ->  | SANITARY SERVICE |
|  | ->> |  | ->> |  | ->> | STORM SEWER      |
|  |     |  |     |  |     | WATER MAIN       |
|  | -   |  | -   |  | -   | WATER SERVICE    |

PROPOSED UTILITY LINES

|  |             |  |             |  |             |                       |
|--|-------------|--|-------------|--|-------------|-----------------------|
|  | FM          |  | FM          |  | FM          | FORCE MAIN            |
|  | >           |  | >           |  | >           | SANITARY SEWER        |
|  | ->          |  | ->          |  | ->          | SANITARY SERVICE      |
|  | ->>         |  | ->>         |  | ->>         | STORM SEWER DRAINTILE |
|  |             |  |             |  |             | STORM SEWER           |
|  | -           |  | -           |  | -           | WATER MAIN            |
|  | -           |  | -           |  | -           | WATER SERVICE         |
|  | >[hatched]> |  | >[hatched]> |  | >[hatched]> | PIPE CASING           |

FUTURE UTILITY LINES

|  |             |  |             |  |             |                       |
|--|-------------|--|-------------|--|-------------|-----------------------|
|  | FM          |  | FM          |  | FM          | FORCE MAIN            |
|  | >           |  | >           |  | >           | SANITARY SEWER        |
|  | ->          |  | ->          |  | ->          | SANITARY SERVICE      |
|  | ->>         |  | ->>         |  | ->>         | STORM SEWER DRAINTILE |
|  |             |  |             |  |             | STORM SEWER           |
|  | -           |  | -           |  | -           | WATER MAIN            |
|  | -           |  | -           |  | -           | WATER SERVICE         |
|  | >[hatched]> |  | >[hatched]> |  | >[hatched]> | 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                |
|  | 1:4 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              |
| PL      | 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                |  |         |



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

CLIENT:



MCWD CEDAR-GREENWAY  
TRAIL CONNECTION  
CITY OF HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

1

1

CERTIFICATION:  
I HEREBY CERTIFY THAT THIS PLAN  
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ADG

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SHEET TITLE:

G000 - TITLE SHT -

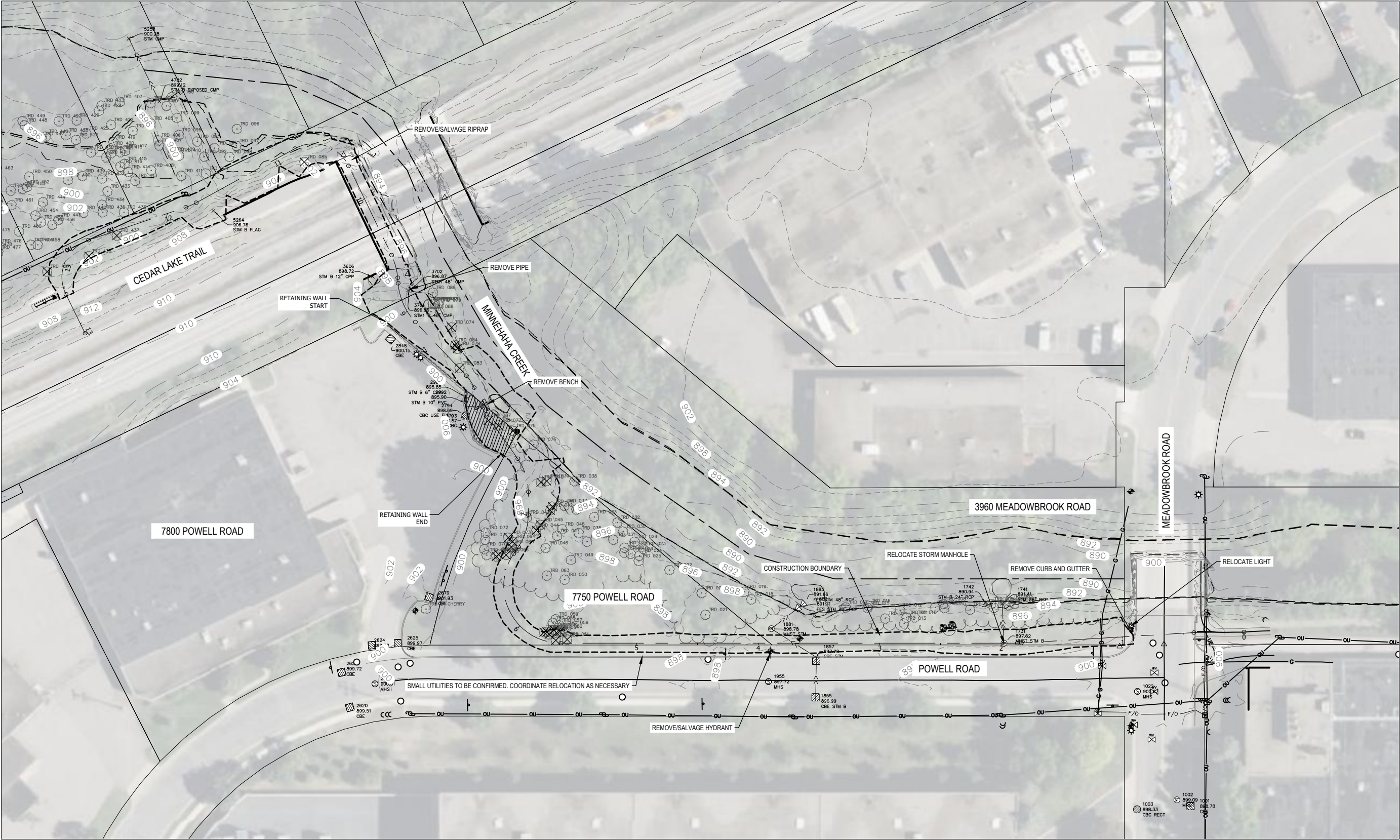
LEGEND SHT

-GENERAL NOTES

SHEET NO.:

G0.02





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

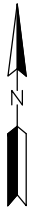
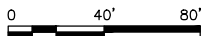
EXISTING FLARED END SECTION

PROPOSED LEGEND

- TRAIL CENTERLINE

CONSTRUCTION BOUNDARY

REMOVE TREE



ONE CARLSON PARKWAY  
SUITE 100  
PLYMOUTH, MN 55447  
PHONE: 763-252-8800  
WWW.STANTEC.COM

CLIENT:



MCWD CEDAR-GREENWAY  
TRAIL CONNECTION  
CITY OF HOPKINS  
DAKOTA COUNTY, MINNESOTA

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FEASIBILITY STUDY

30% PLANS

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XXXX/2025

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FOR CONSTRUCTION

DATE:

PROJECT NO.: 227707443

DWN BY: ADG CHKD BY: NW APPD BY: CM

ISSUE DATE: XX/XX/2025

ISSUE NO.: 0

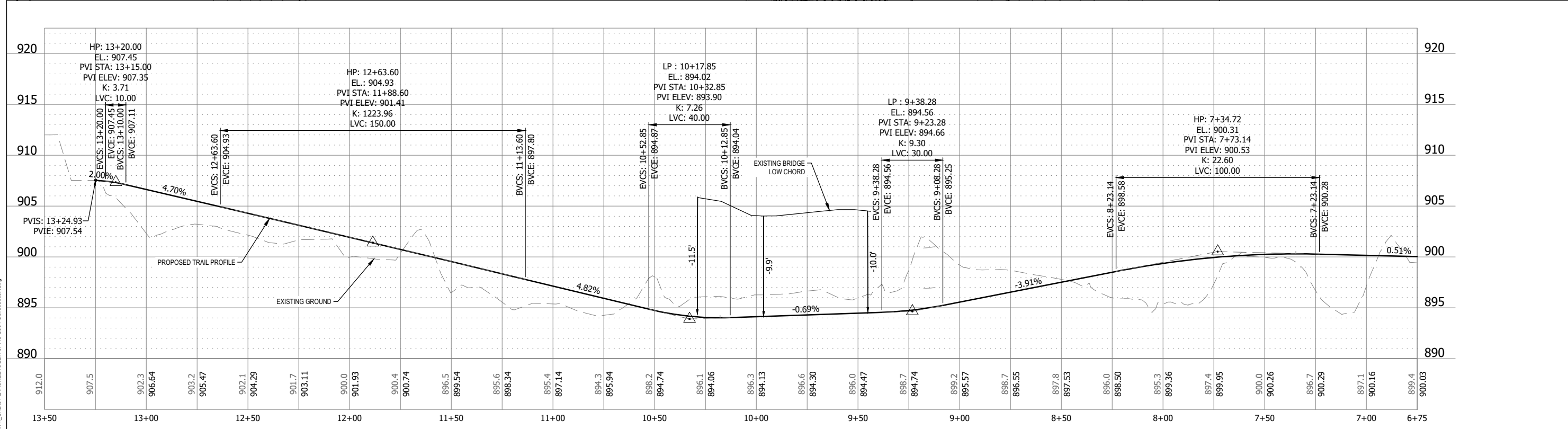
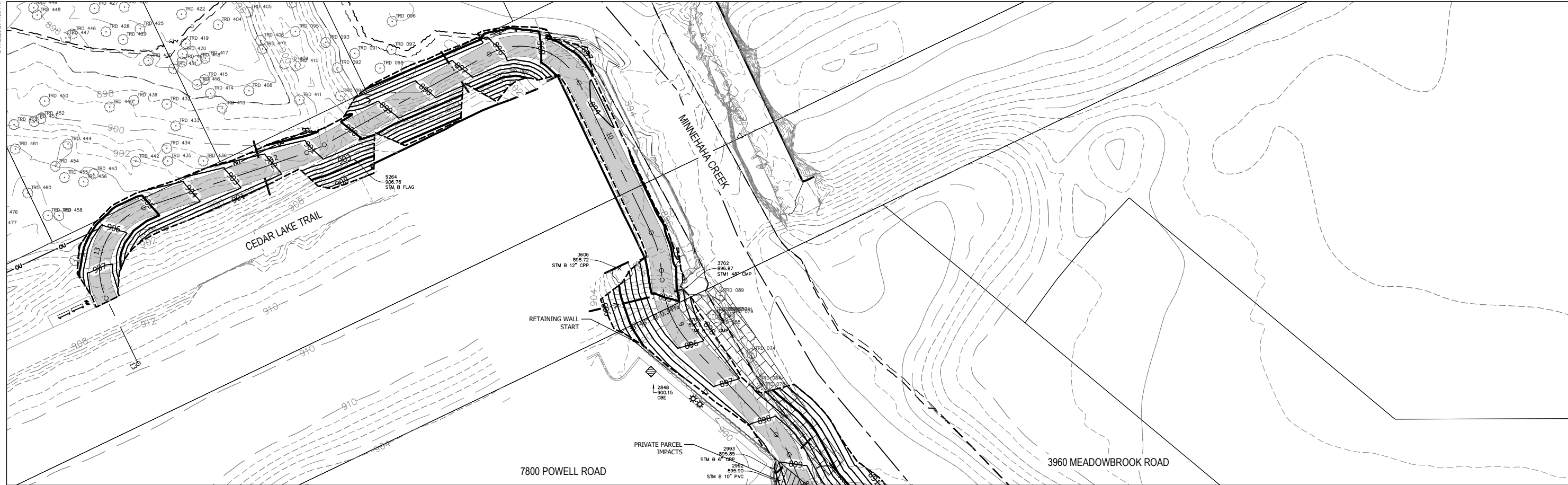
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EXISTING  
CONDITIONS &  
REMOVALS PLAN

SHEET NO.:

C0.01



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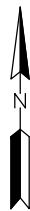
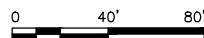


EXISTING LEGEND

- 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 HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

| DATE       | DESCRIPTION       | ISSUE NO. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------|-------------------|-----------|---|---|---|---|---|---|---|---|---|----|
| 11/04/2022 | FEASIBILITY STUDY | 1         |   |   |   |   |   |   |   |   |   |    |
| XXXX/XX/XX | 30% 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.

PROJECT NO.: 227707443  
DWN BY: ADG  
CHK'D BY: NW  
APP'D BY: CM  
ISSUE DATE: XX/XX/2025  
ISSUE NO.: 0

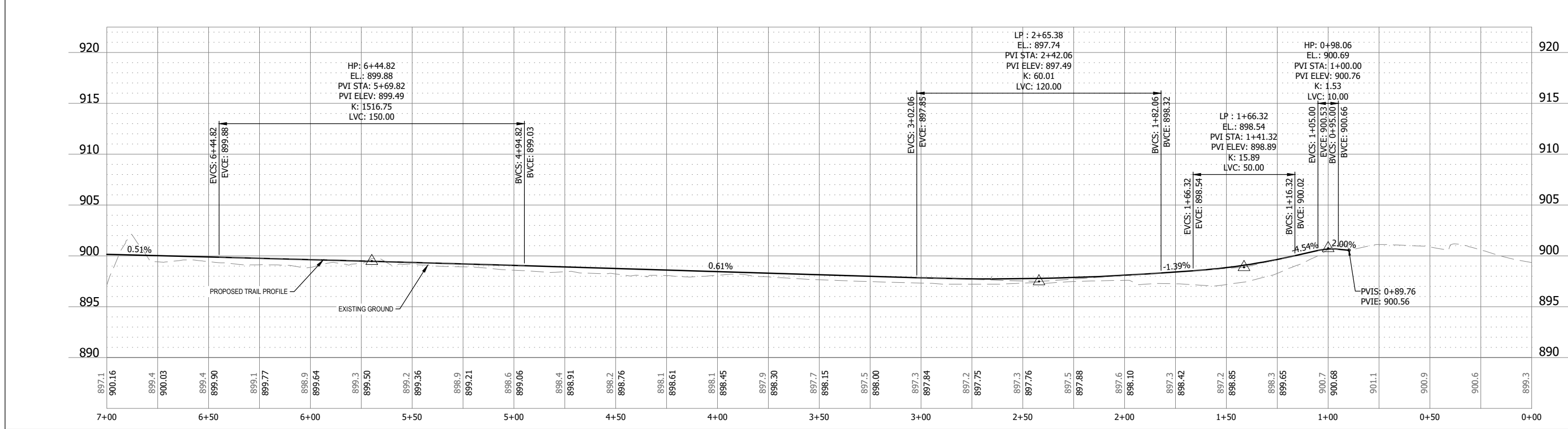
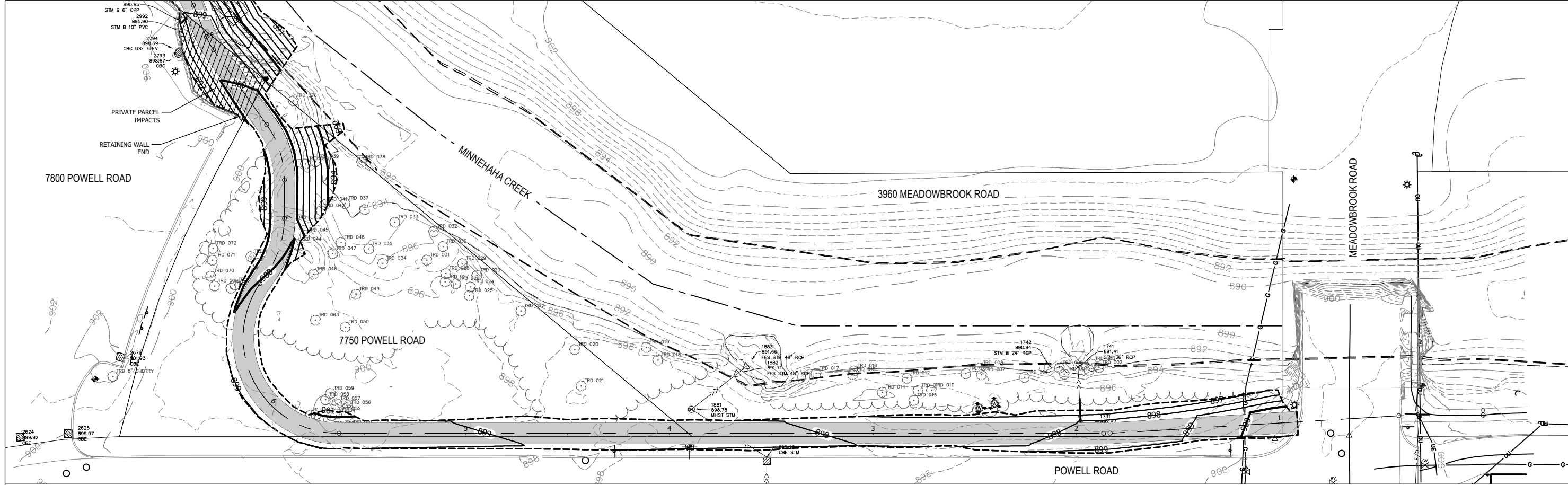
SHEET TITLE:

C600 - STREET

SHEET NO.:

C6.01

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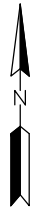
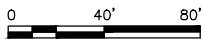


EXISTING LEGEND

- EXISTING PROPERTY LINE
- EXISTING RETAINING WALL
- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
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ONE CARLSON PARKWAY  
SUITE 100  
PLYMOUTH, MN 55447  
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CLIENT:



MCWD CEDAR-GREENWAY  
TRAIL CONNECTION

CITY OF HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

1

DESCRIPTION:

FEASIBILITY STUDY

30% PLANS

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DATE:

11/04/2023

XXXX/XX/XX

PROJECT NO.:

227707443

DWN BY:

ADG

CHKD BY:

NW

APPD BY:

CM

ISSUE DATE:

XX/XX/2025

ISSUE NO.:

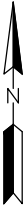
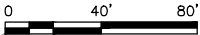
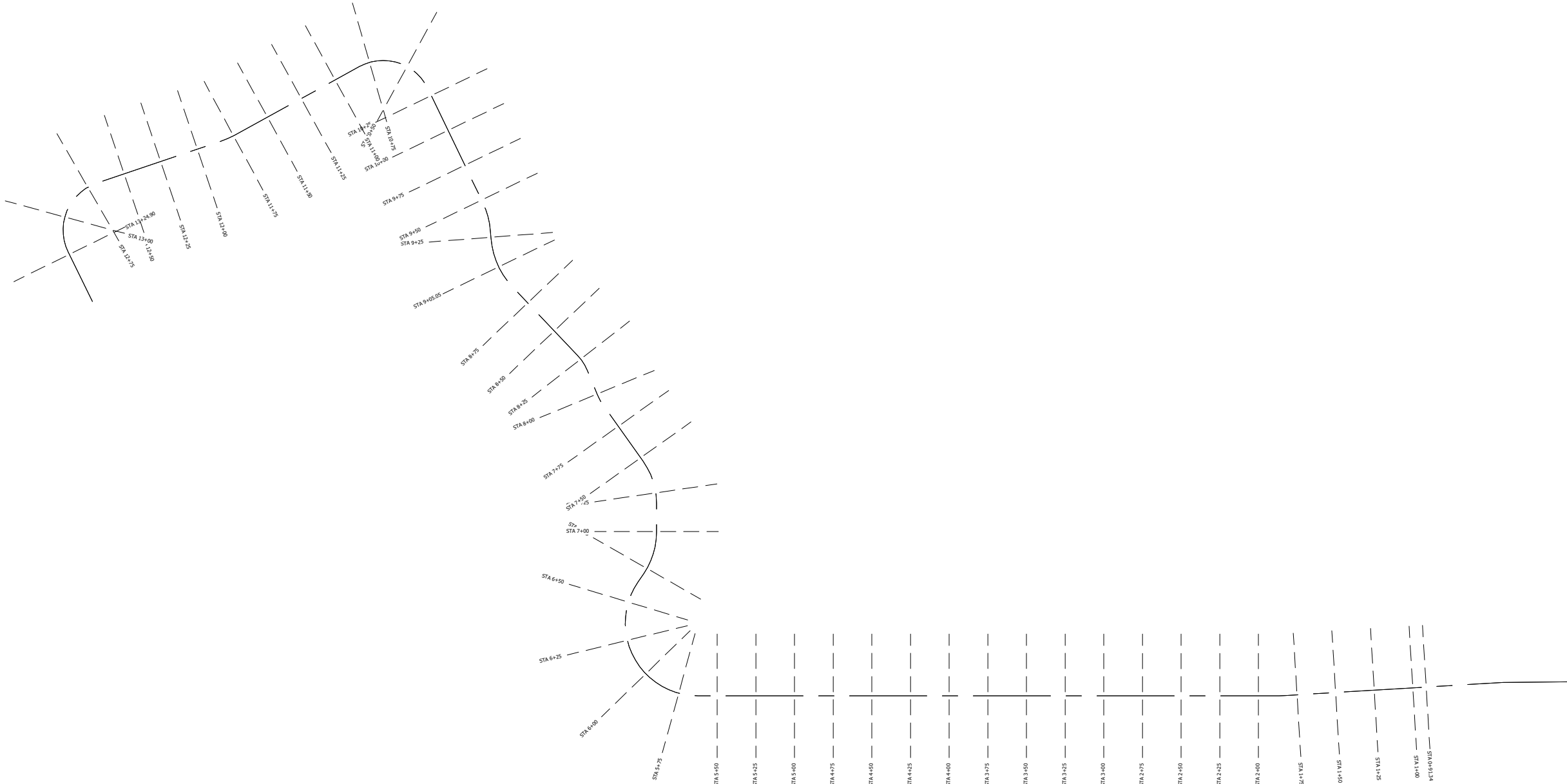
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SHEET TITLE:

C600 - STREET

SHEET NO.:

C6.02



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

CLIENT:



MCWD CEDAR-GREENWAY  
TRAIL CONNECTION  
CITY OF HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

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| DATE       | DESCRIPTION:      |
|------------|-------------------|
| 11/02/2022 | FEASIBILITY STUDY |
| XX/XX/2025 | 30% PLANS         |
|            |                   |
|            |                   |
|            |                   |
|            |                   |
|            |                   |
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|            |                   |
|            |                   |

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DATE: \_\_\_\_\_  
PROJECT NO.: 227707443

DWN BY: ADG  
CHKD BY: NW  
APPD BY: CM

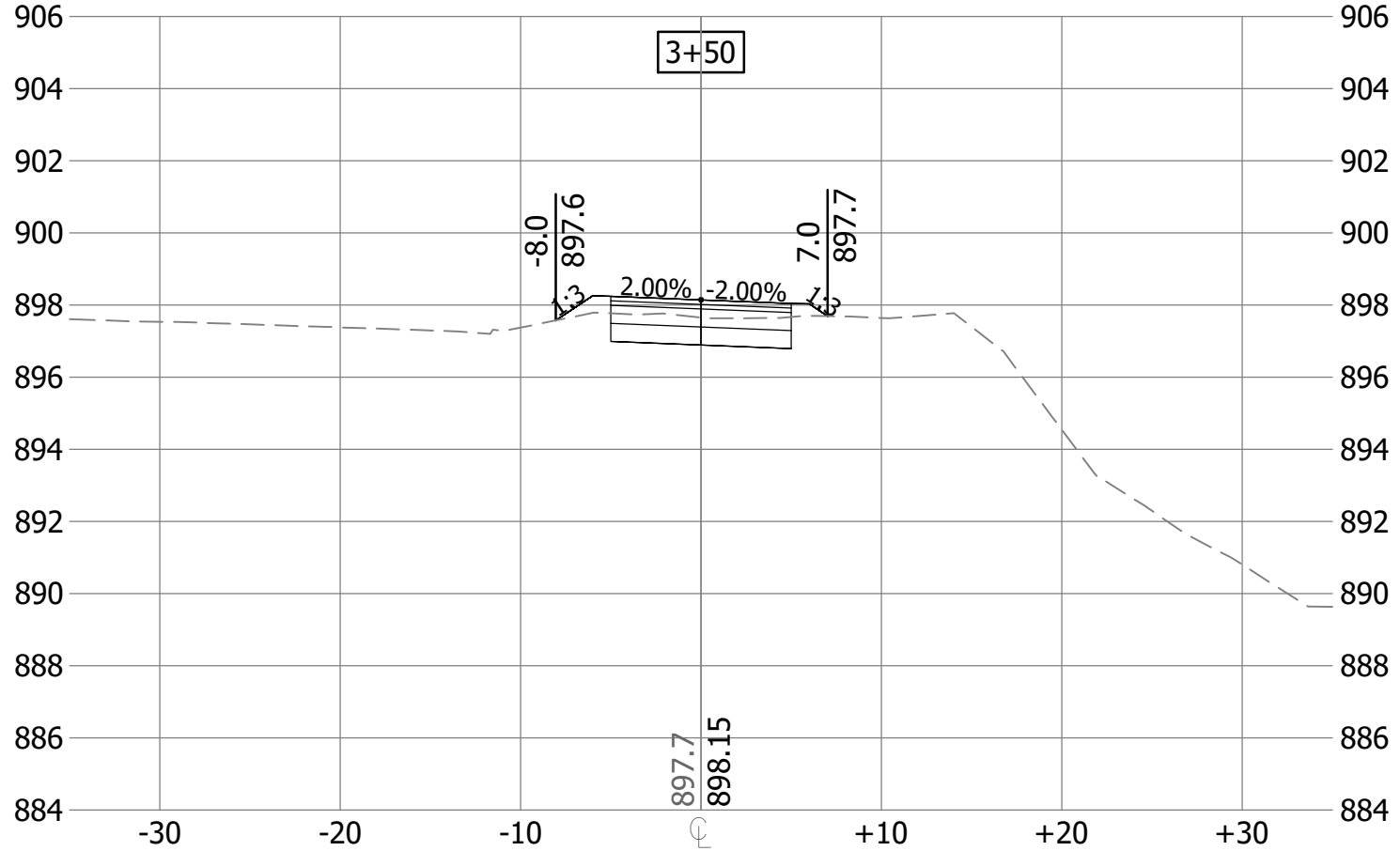
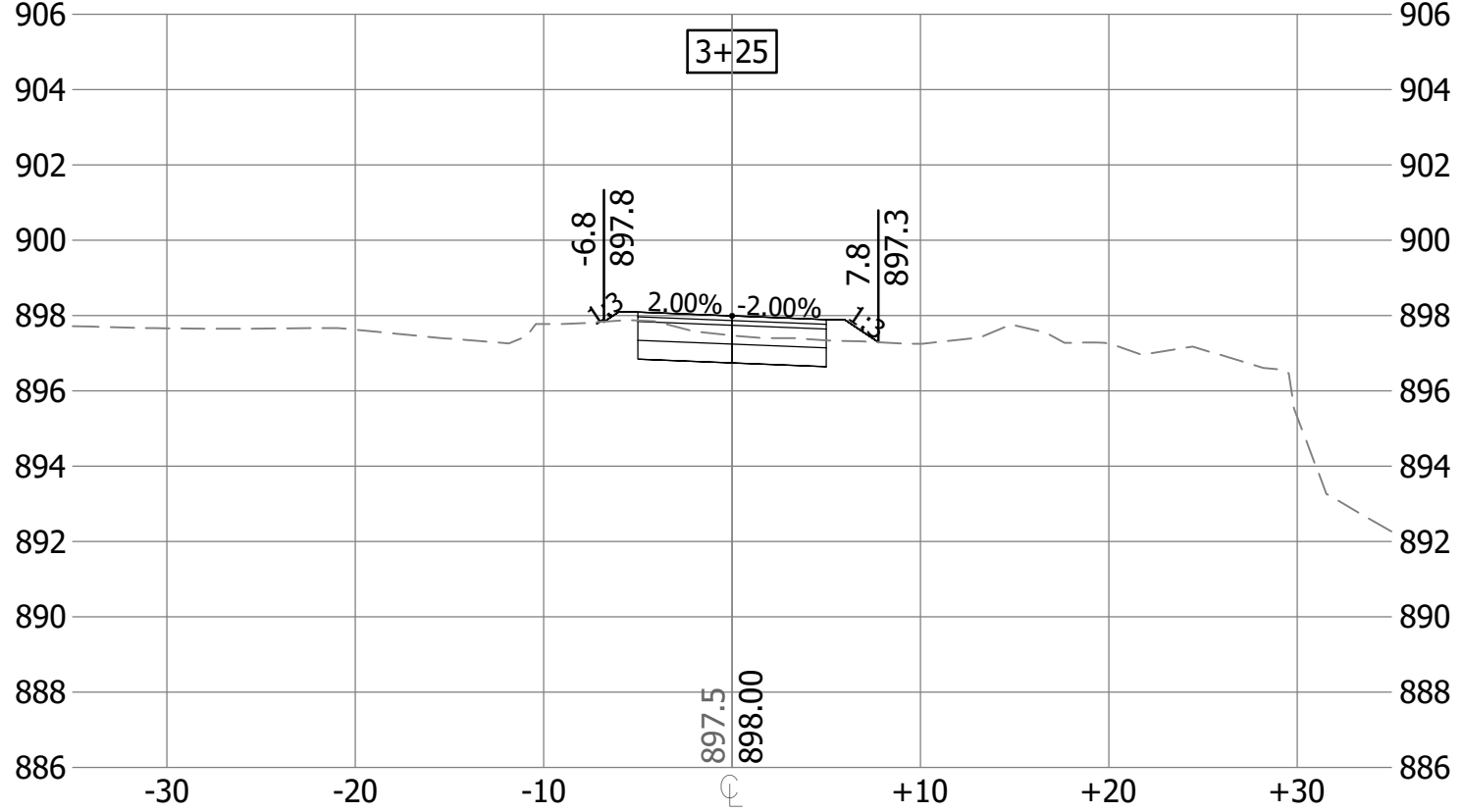
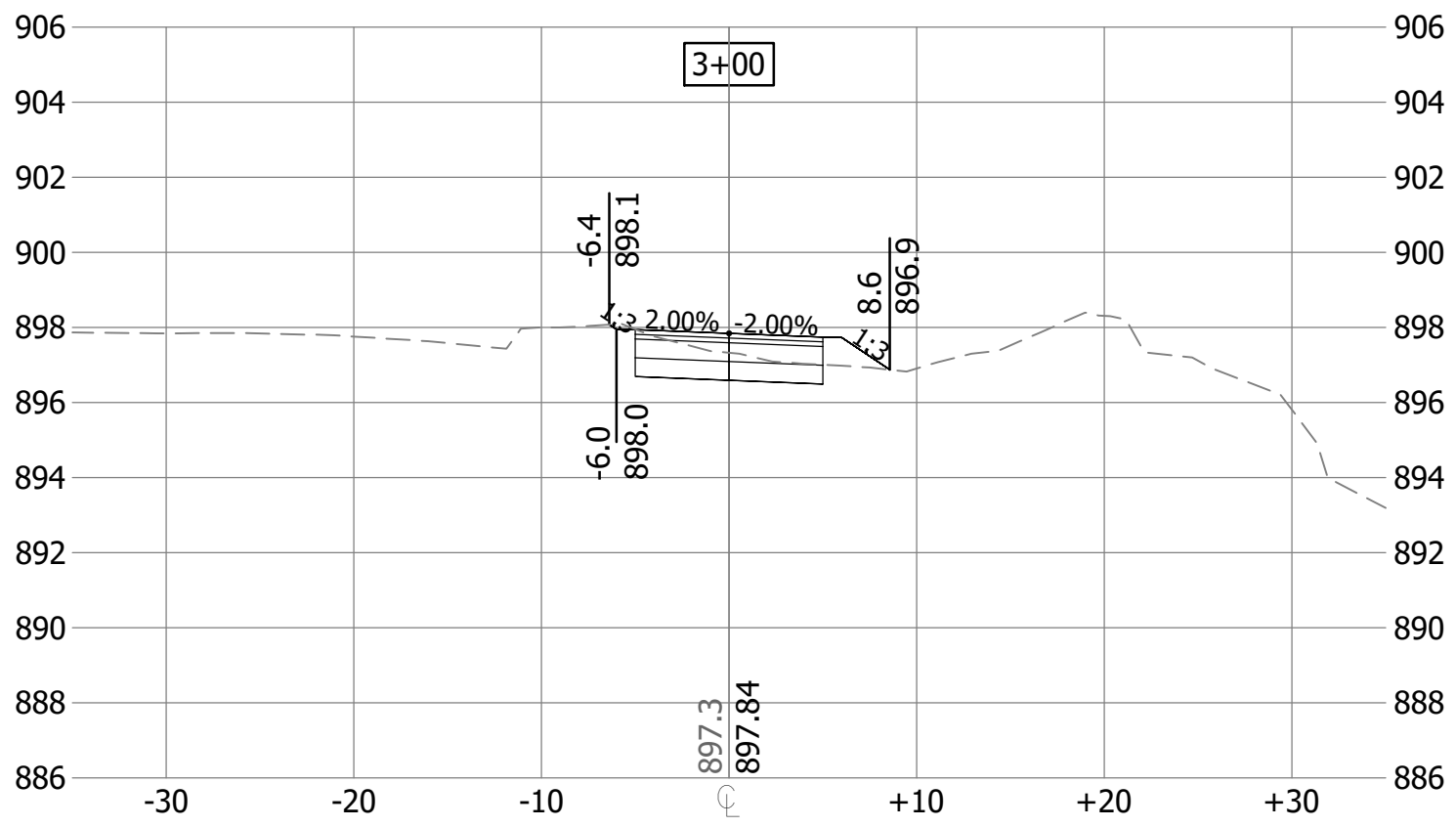
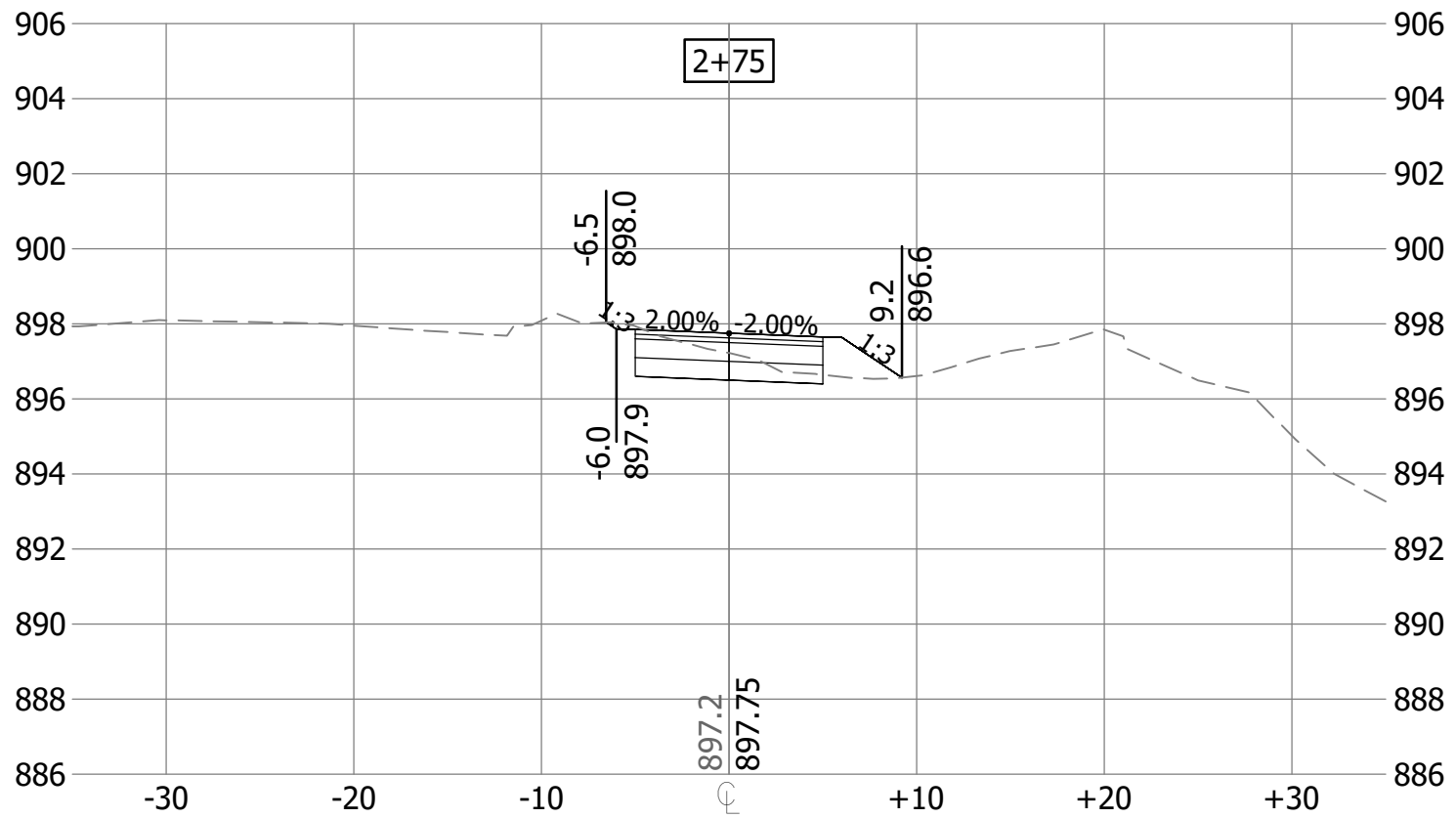
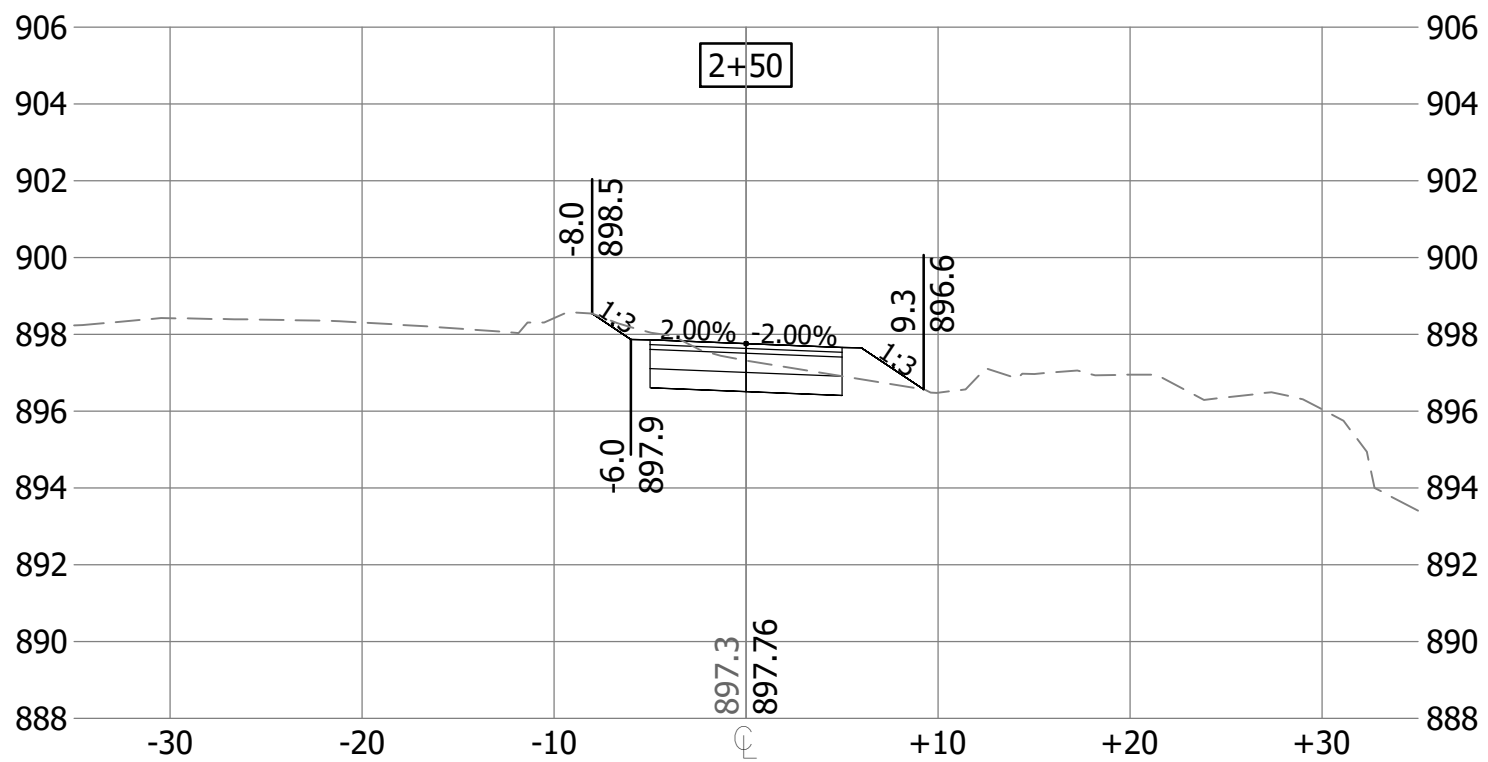
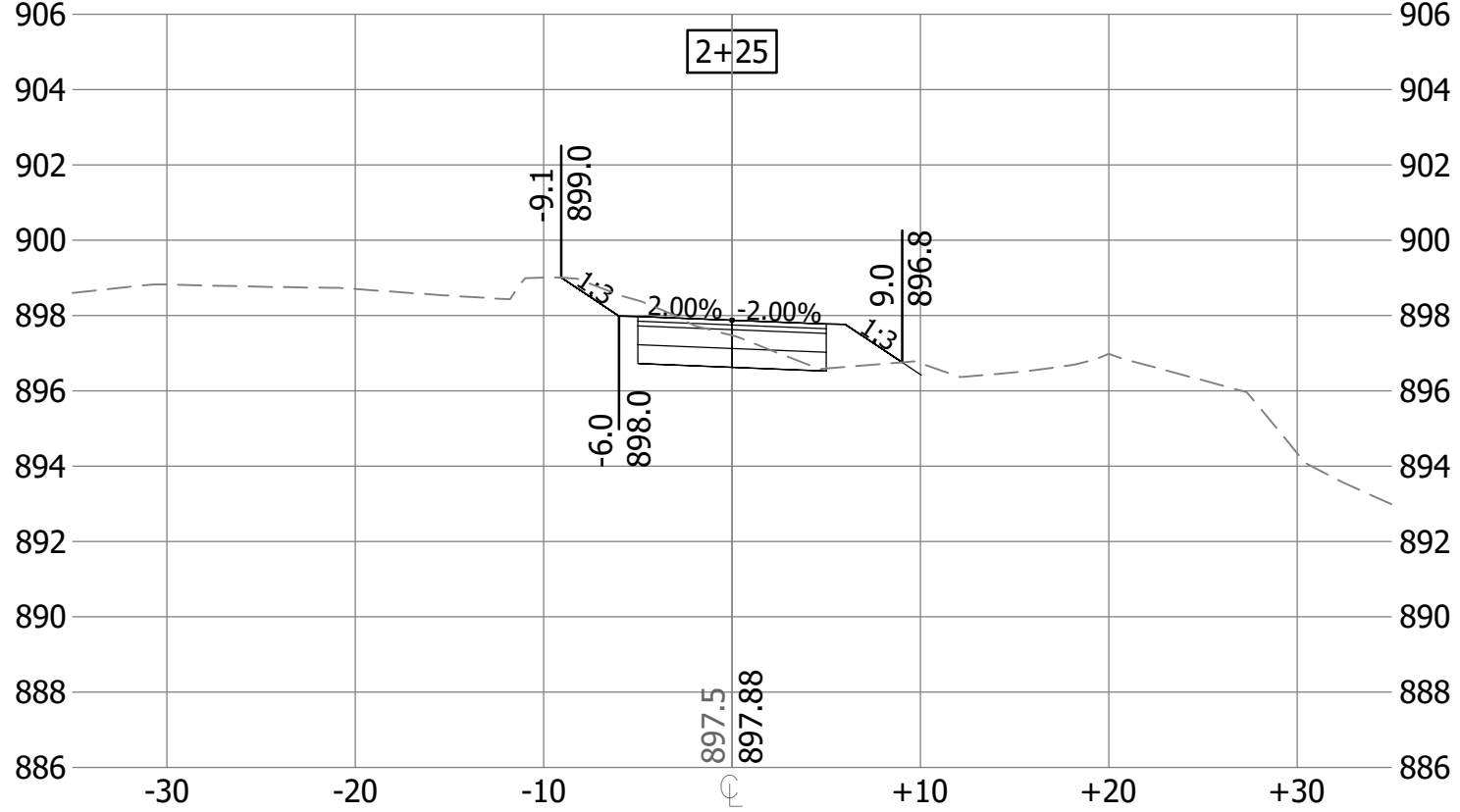
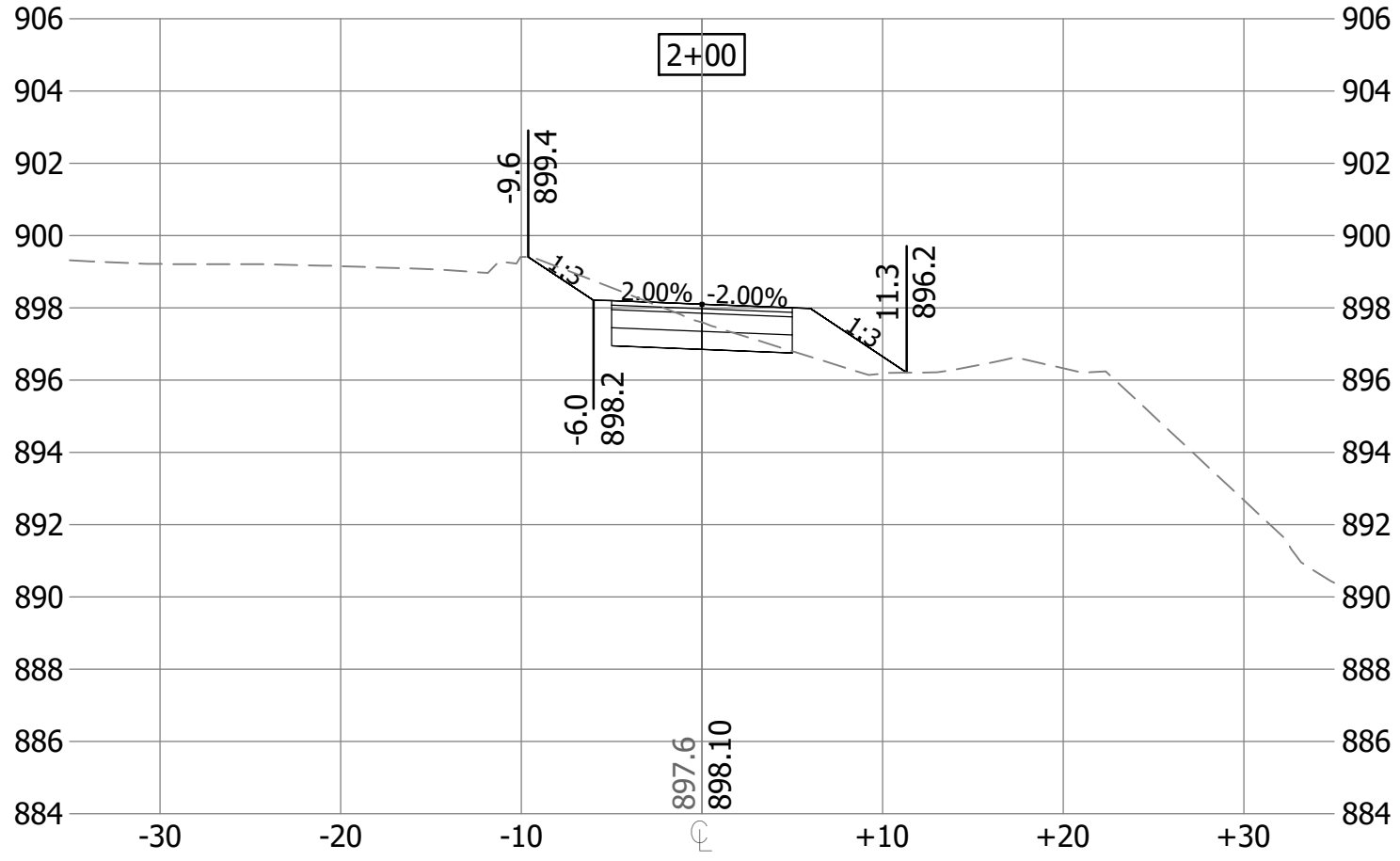
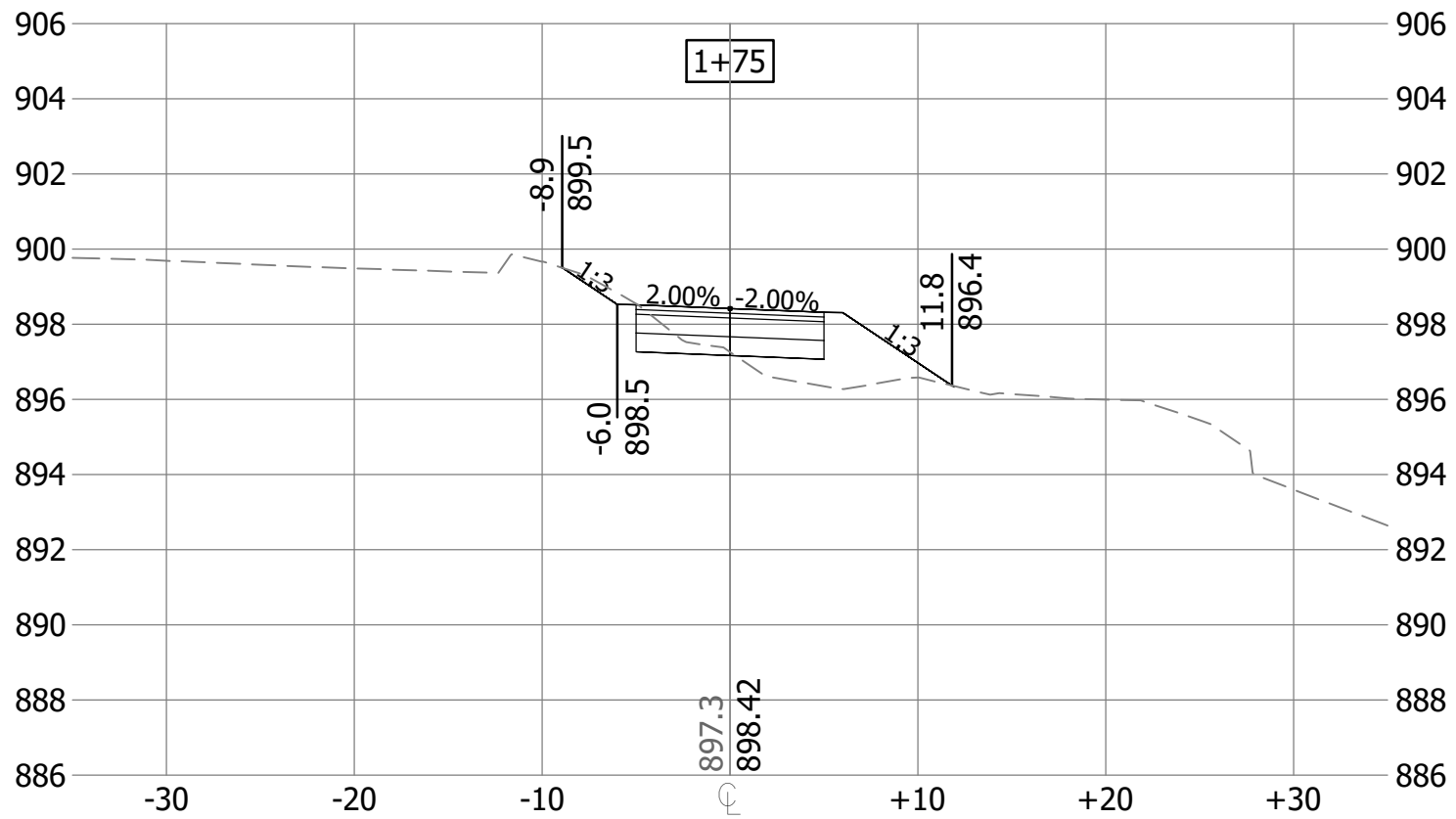
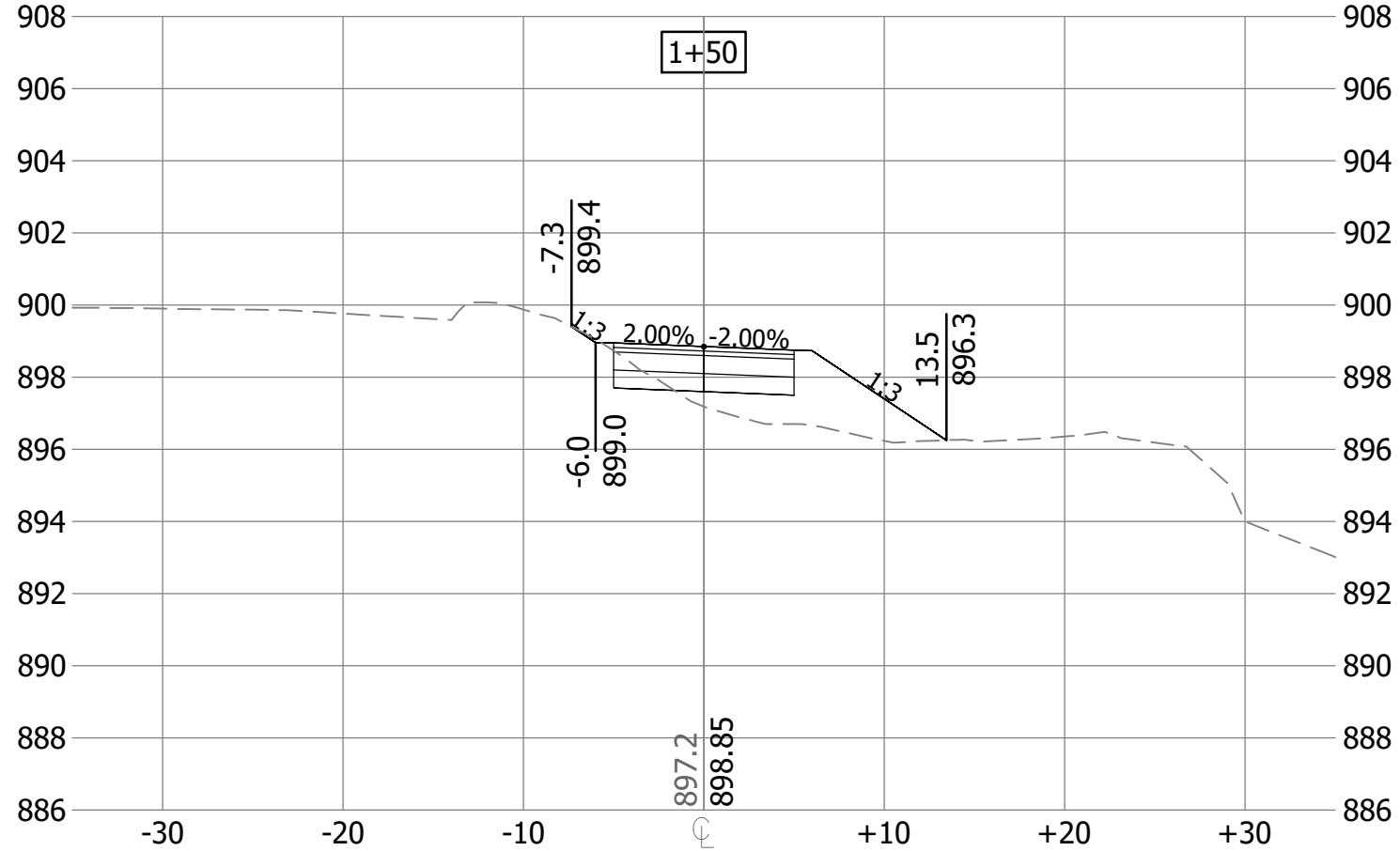
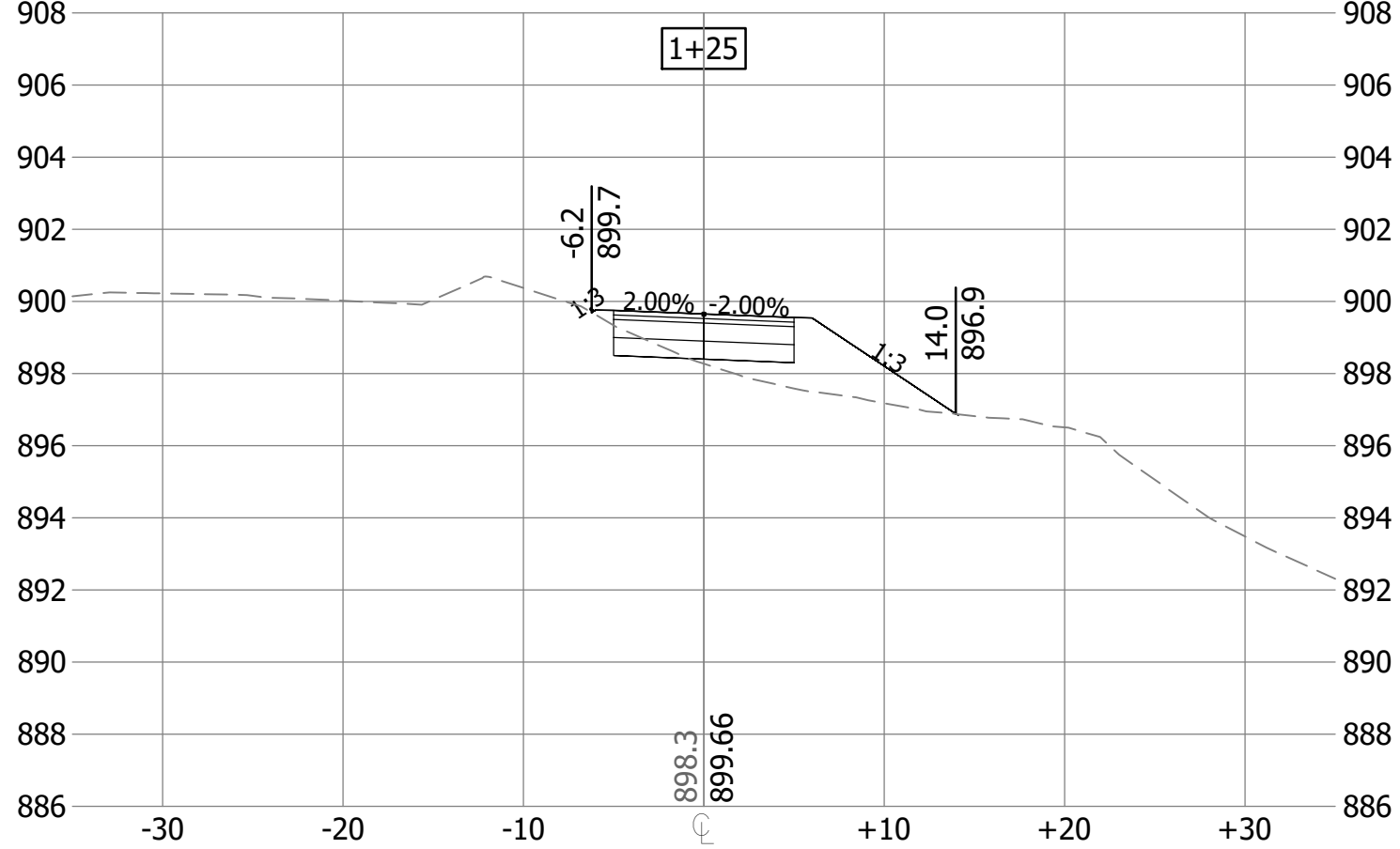
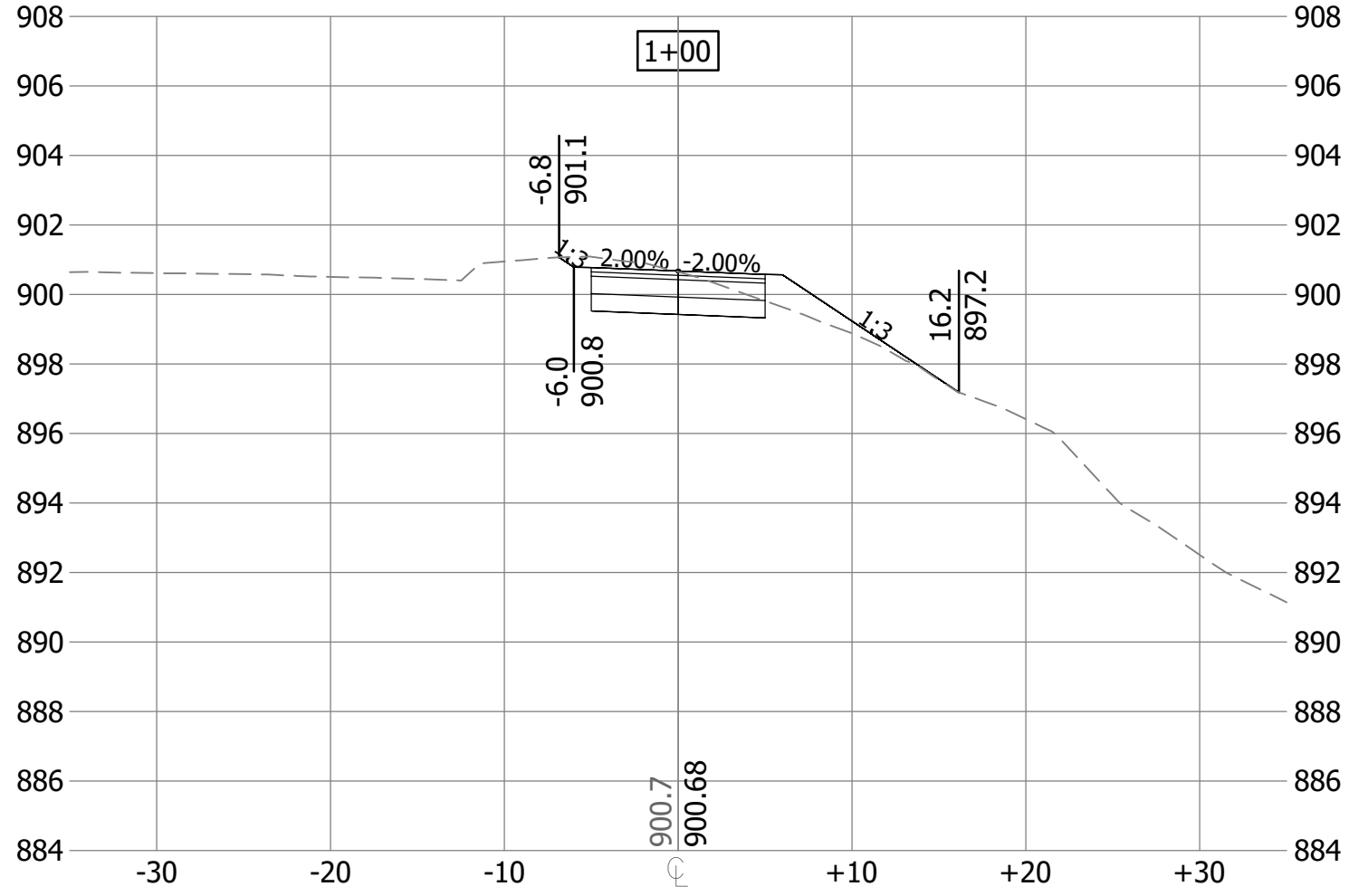
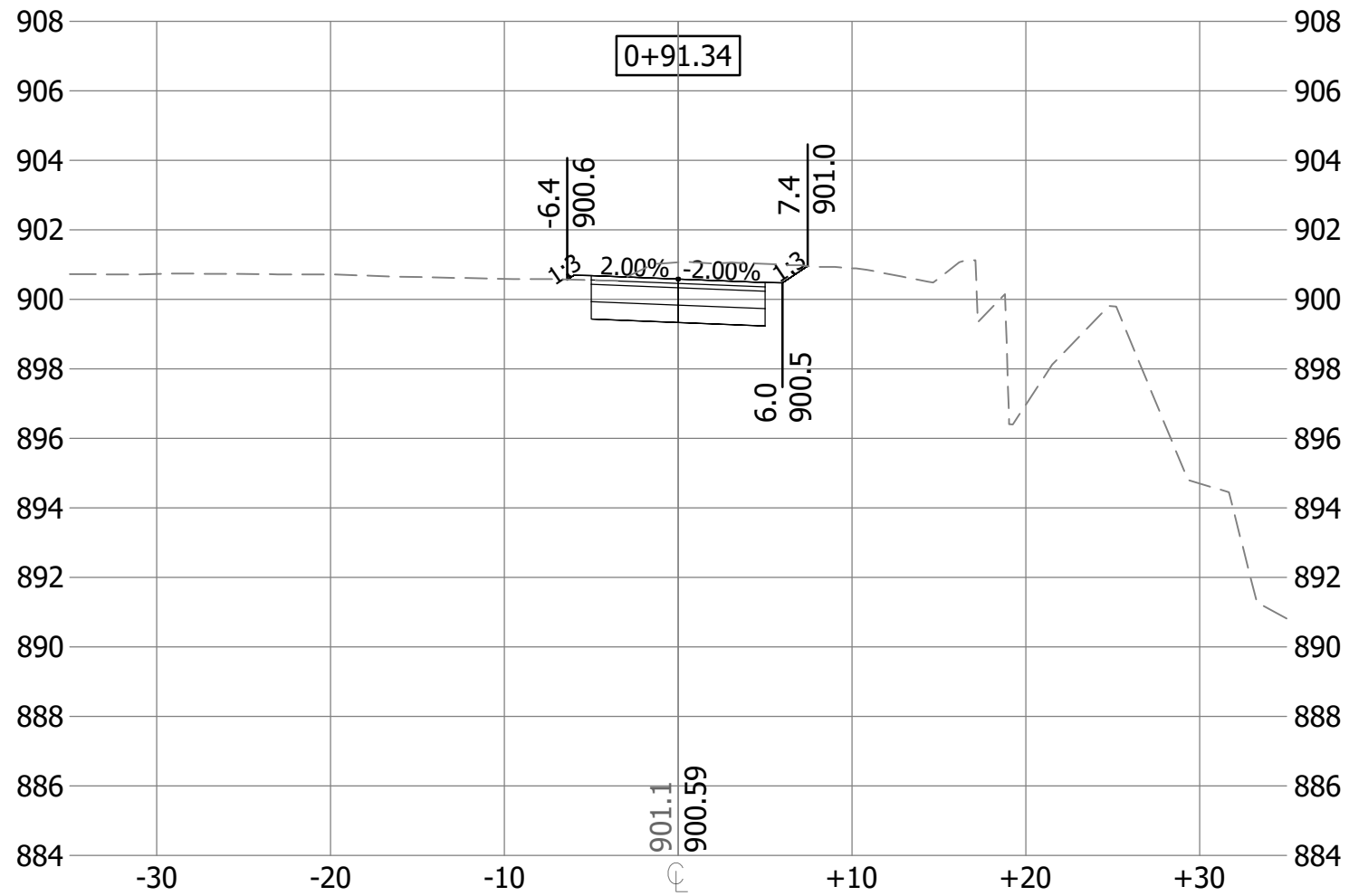
ISSUE DATE: XX/XX/2025

ISSUE NO.: 0

SHEET TITLE:  
CROSS SECTIONS

SHEET NO.:  
C7.01





ONE CARLSON PARKWAY  
SUITE 100  
PLYMOUTH, MN 55447  
PHONE: 763-262-8800  
WWW.STANTEC.COM

CLIENT:



MCWD CEDAR-GREENWAY  
TRAIL CONNECTION  
CITY OF HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

1

1

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ISSUE NO.:

DATE:

PROJECT NO.:

227707443

DWN BY: ADG

CHK'D BY: NW

APP'D BY: CM

ISSUE DATE: XX/XX/2025

ISSUE NO.:

0

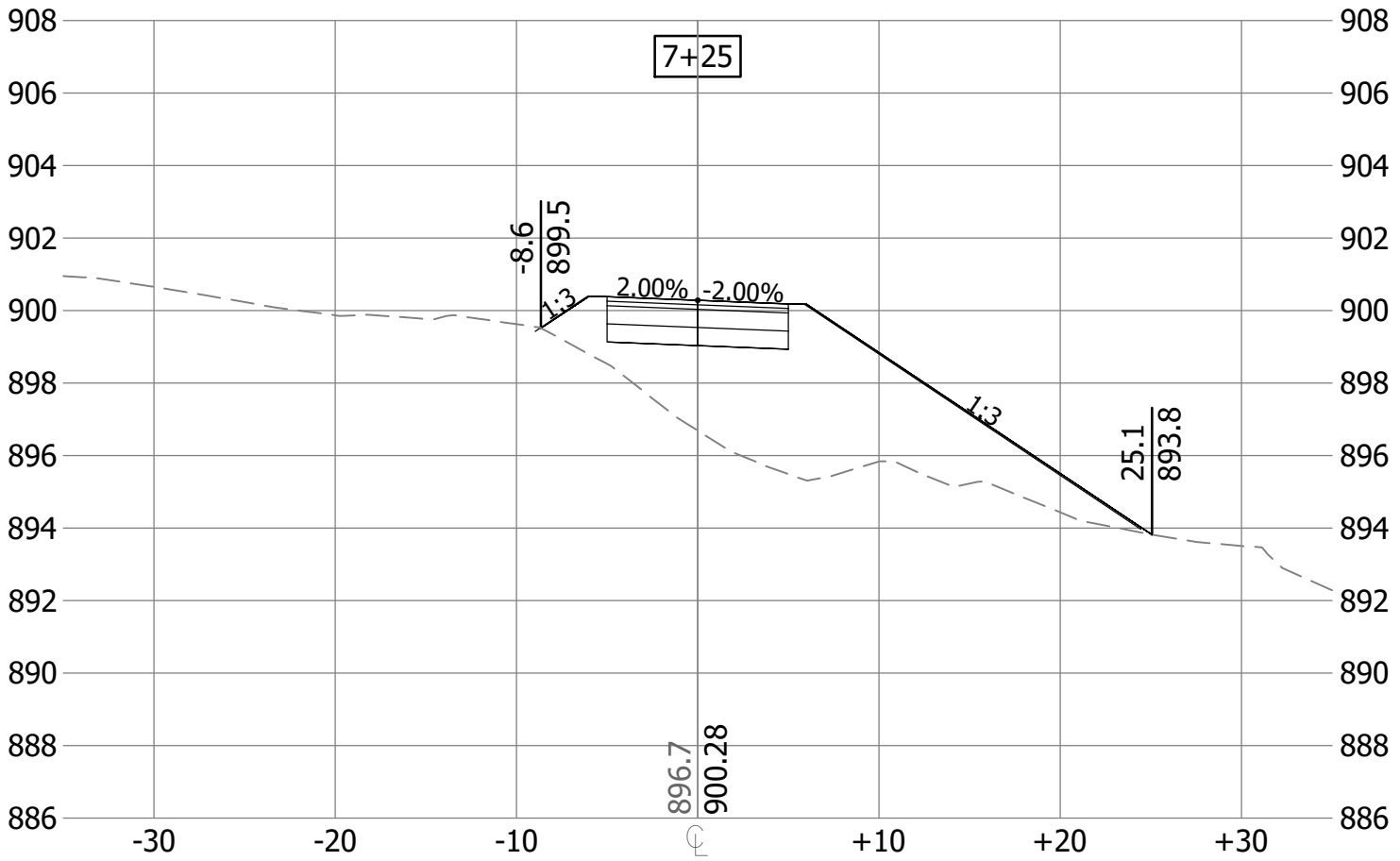
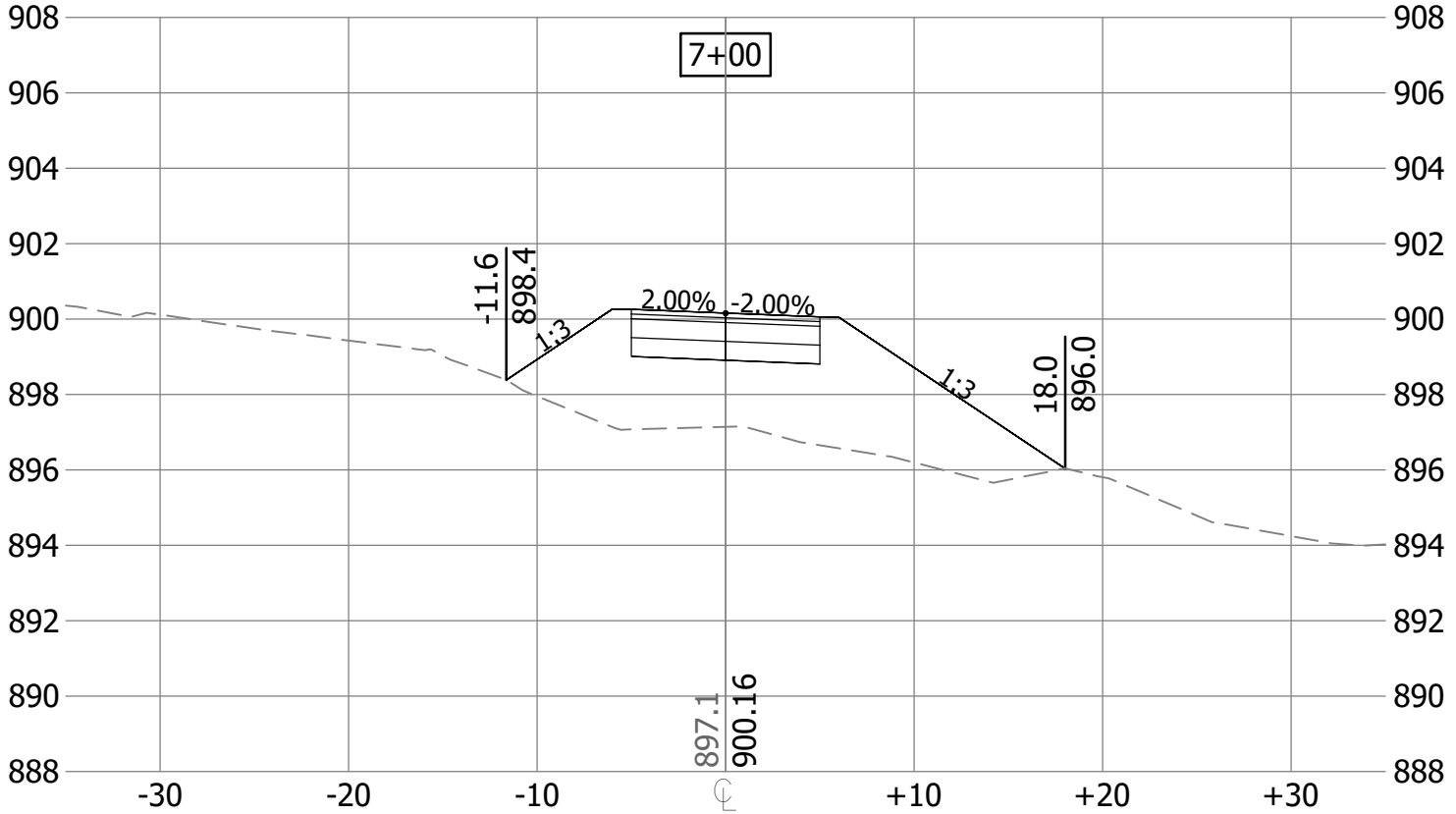
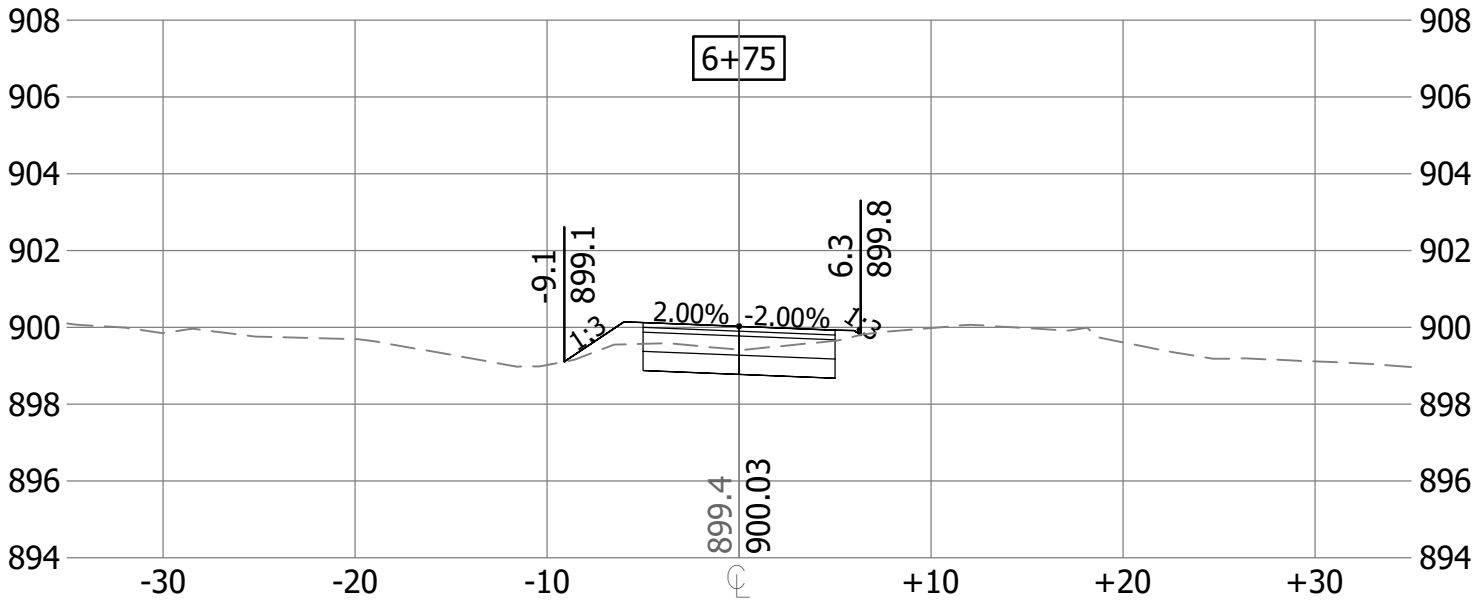
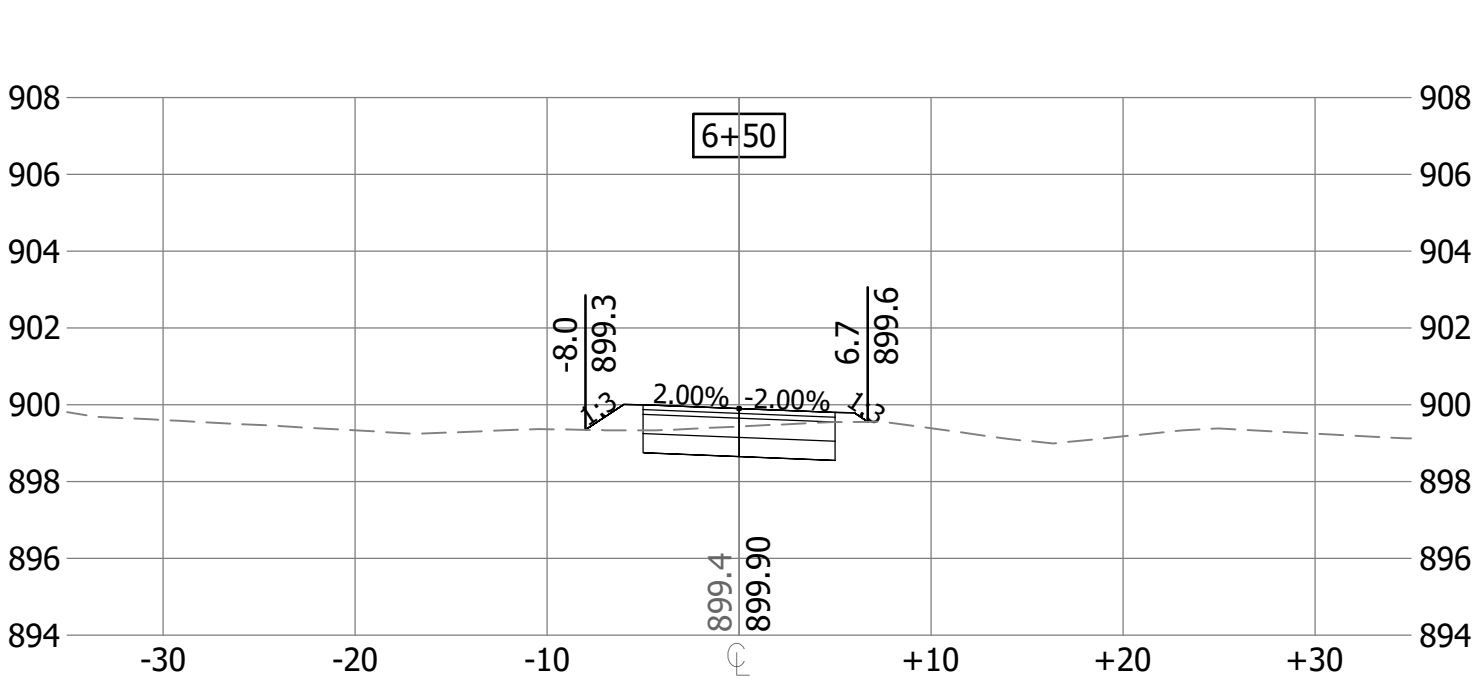
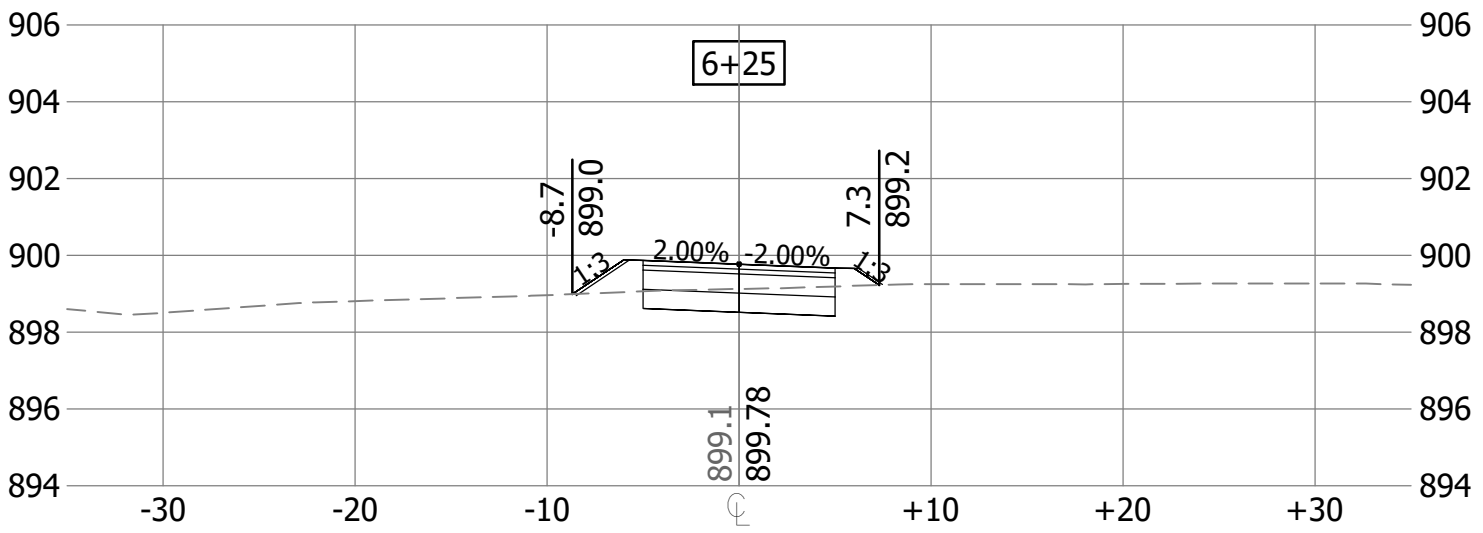
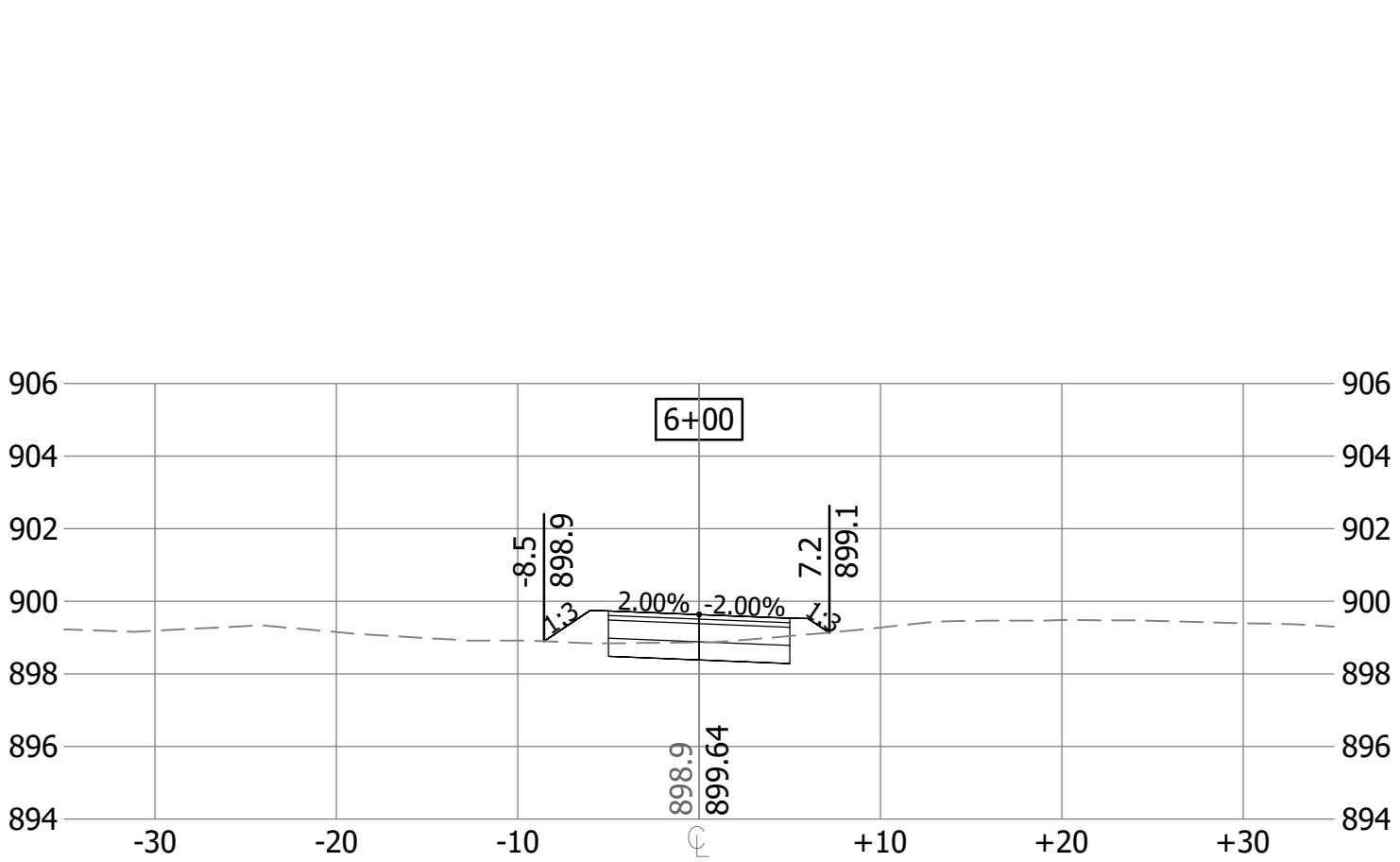
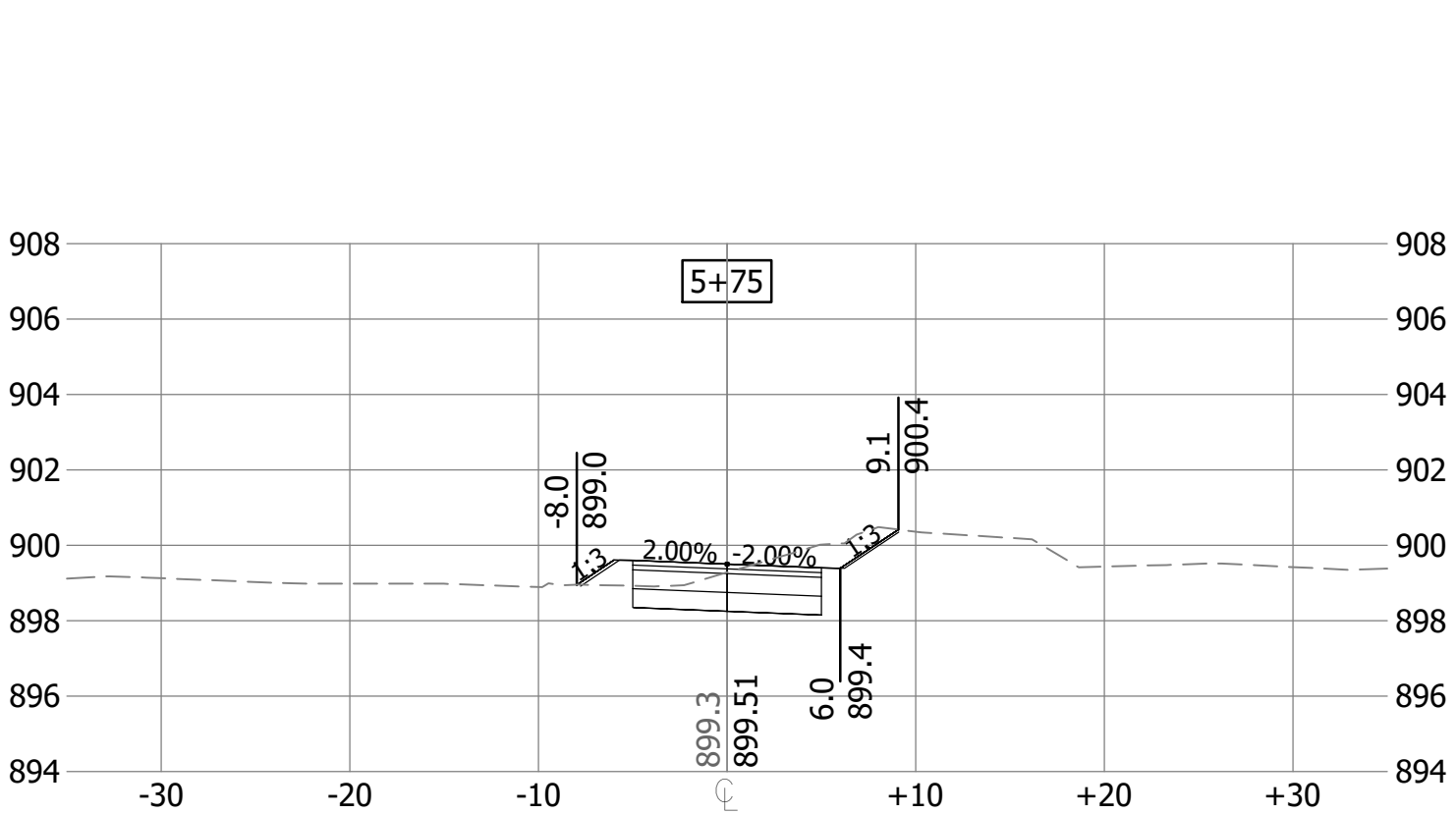
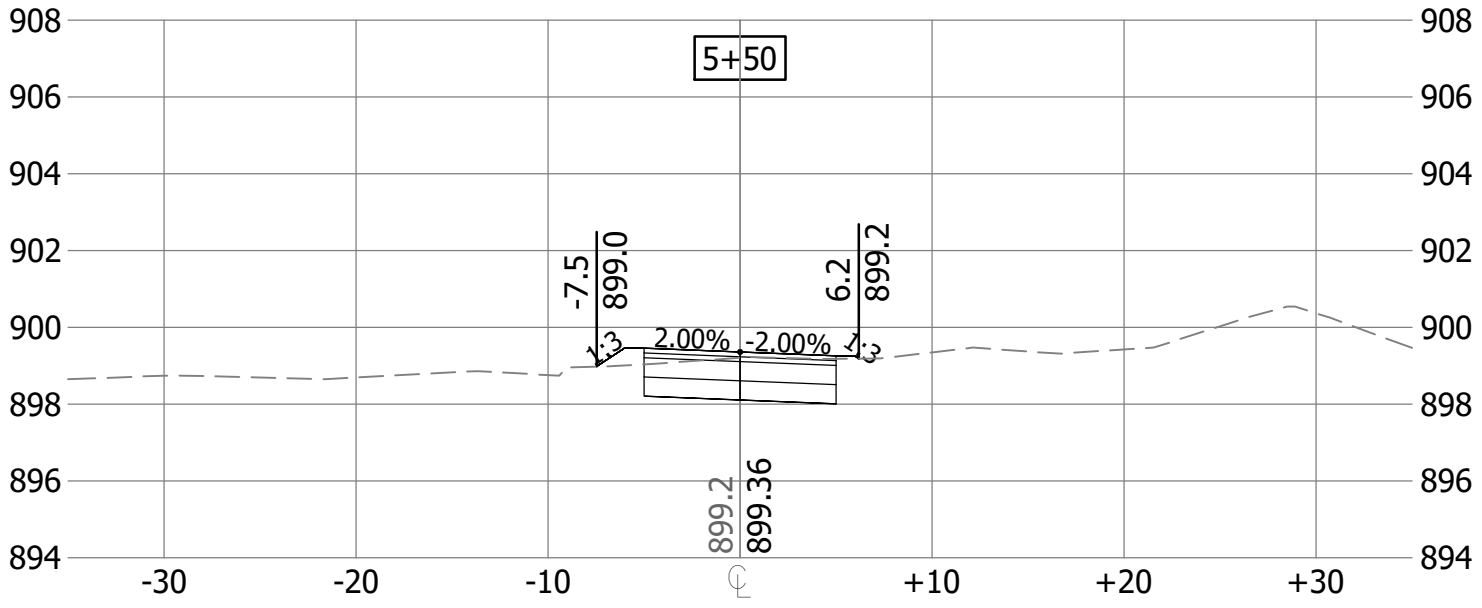
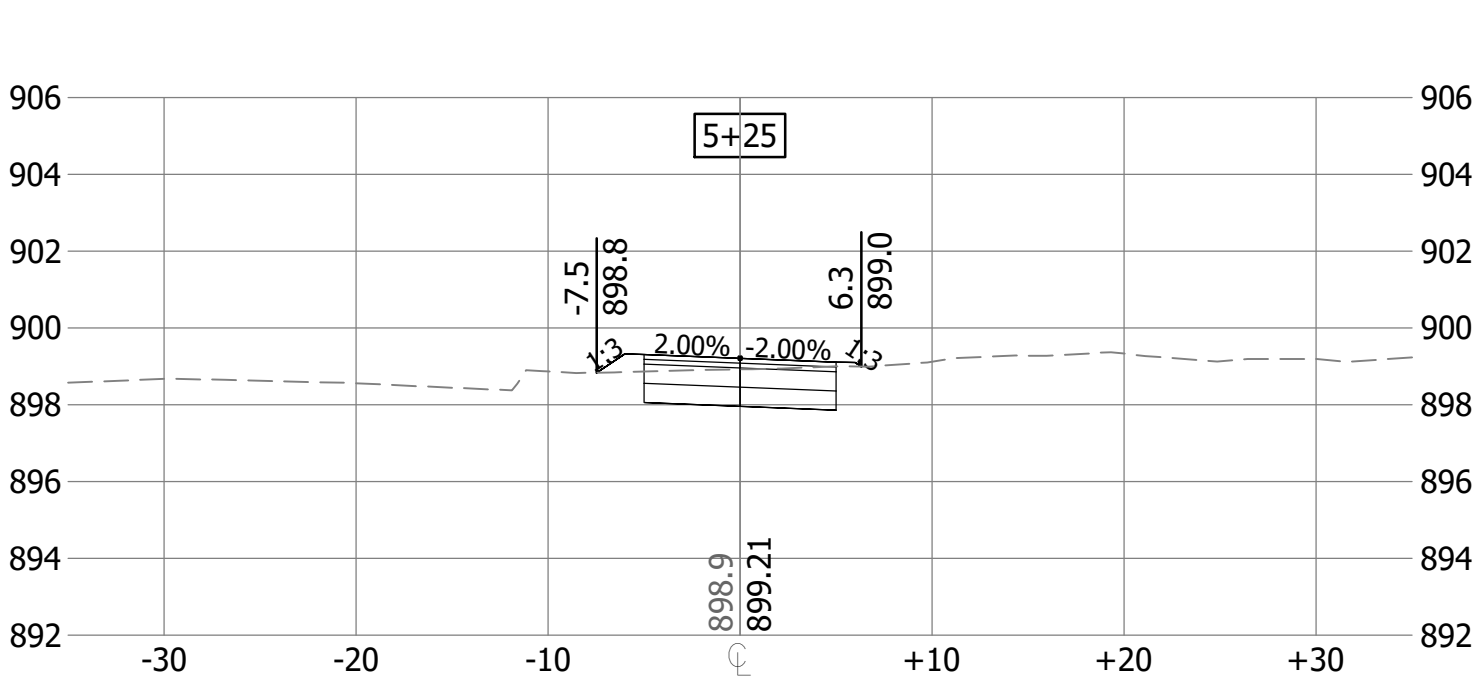
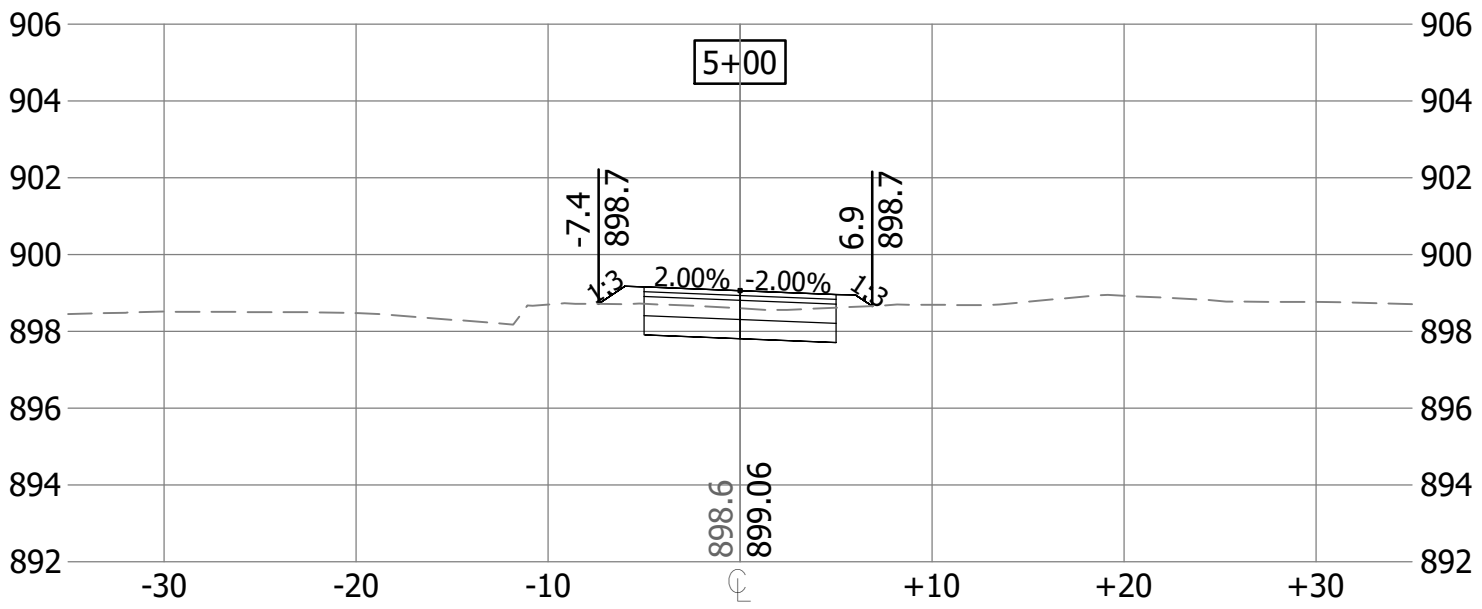
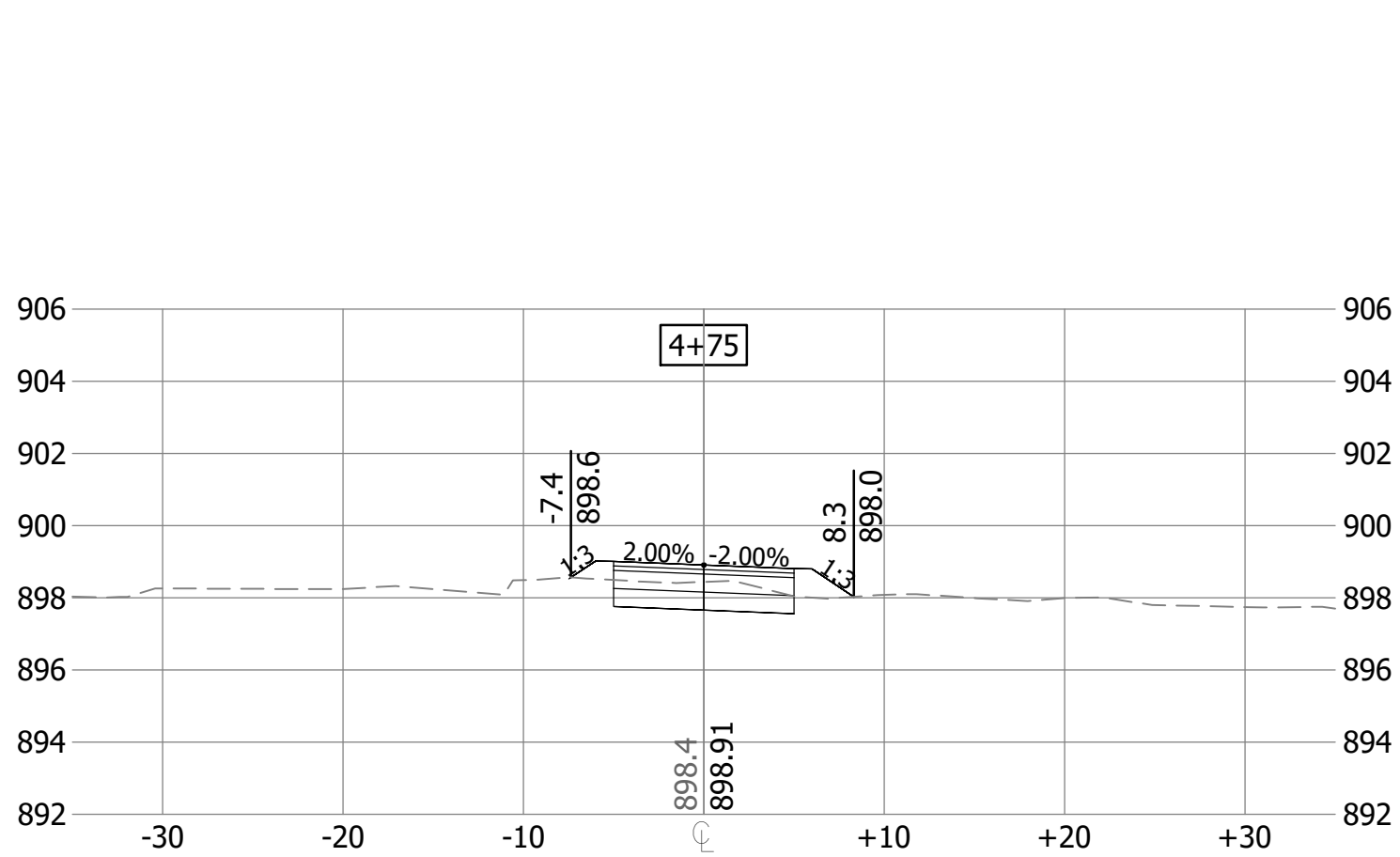
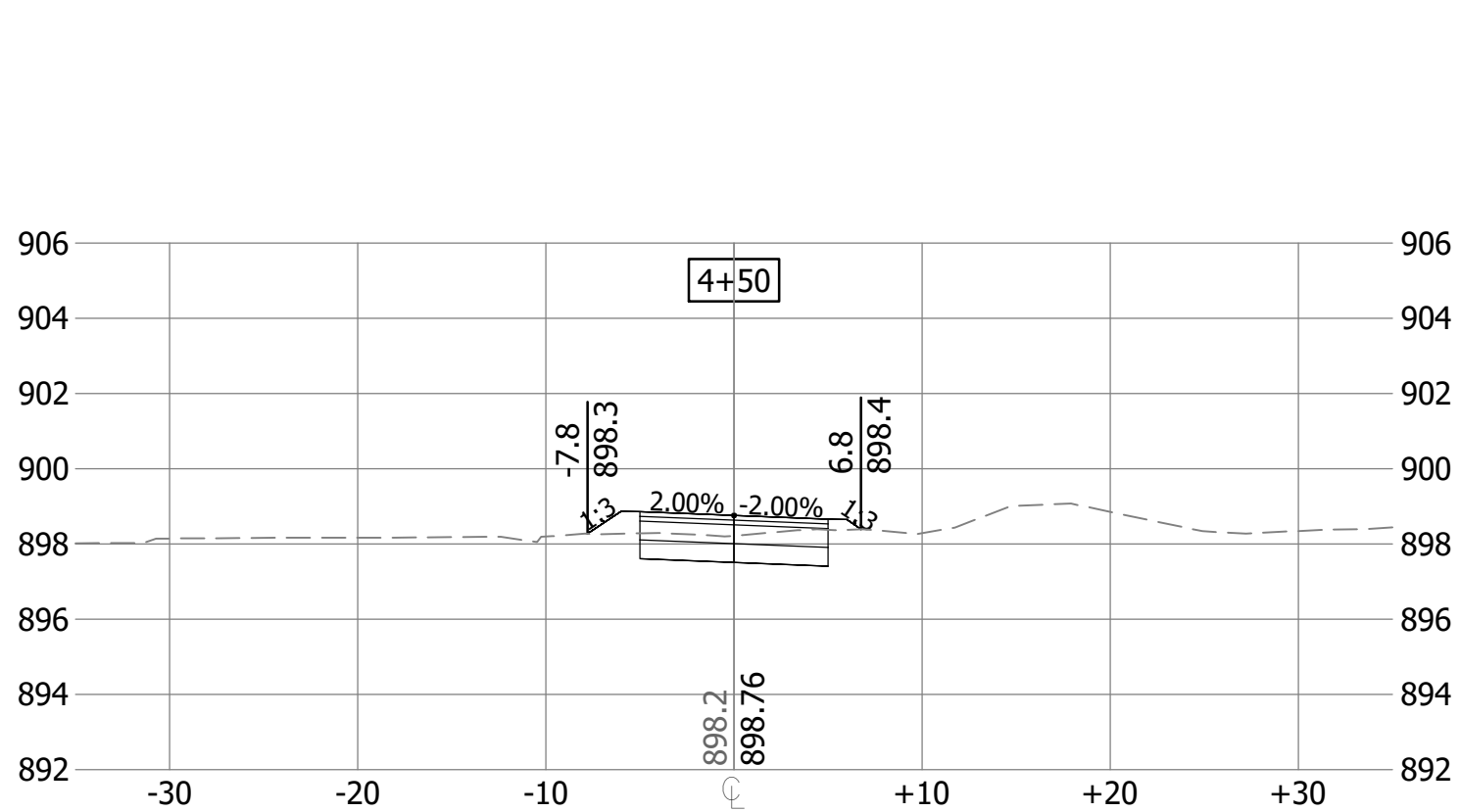
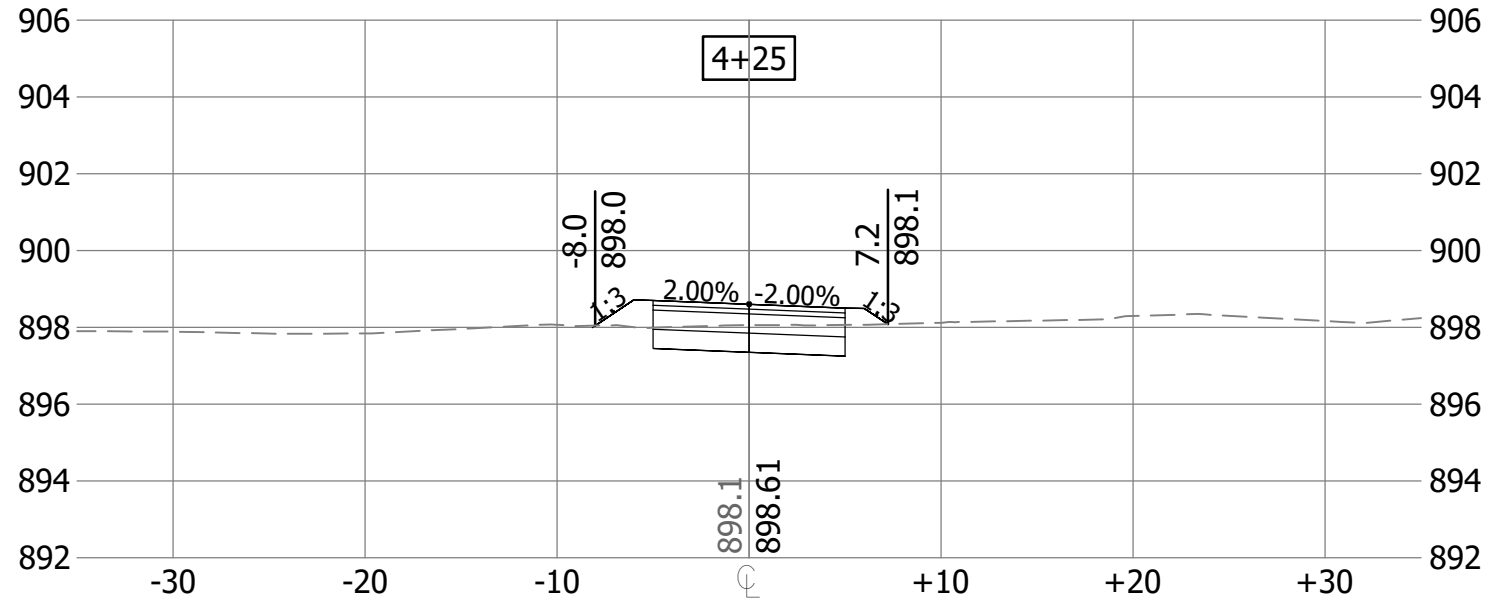
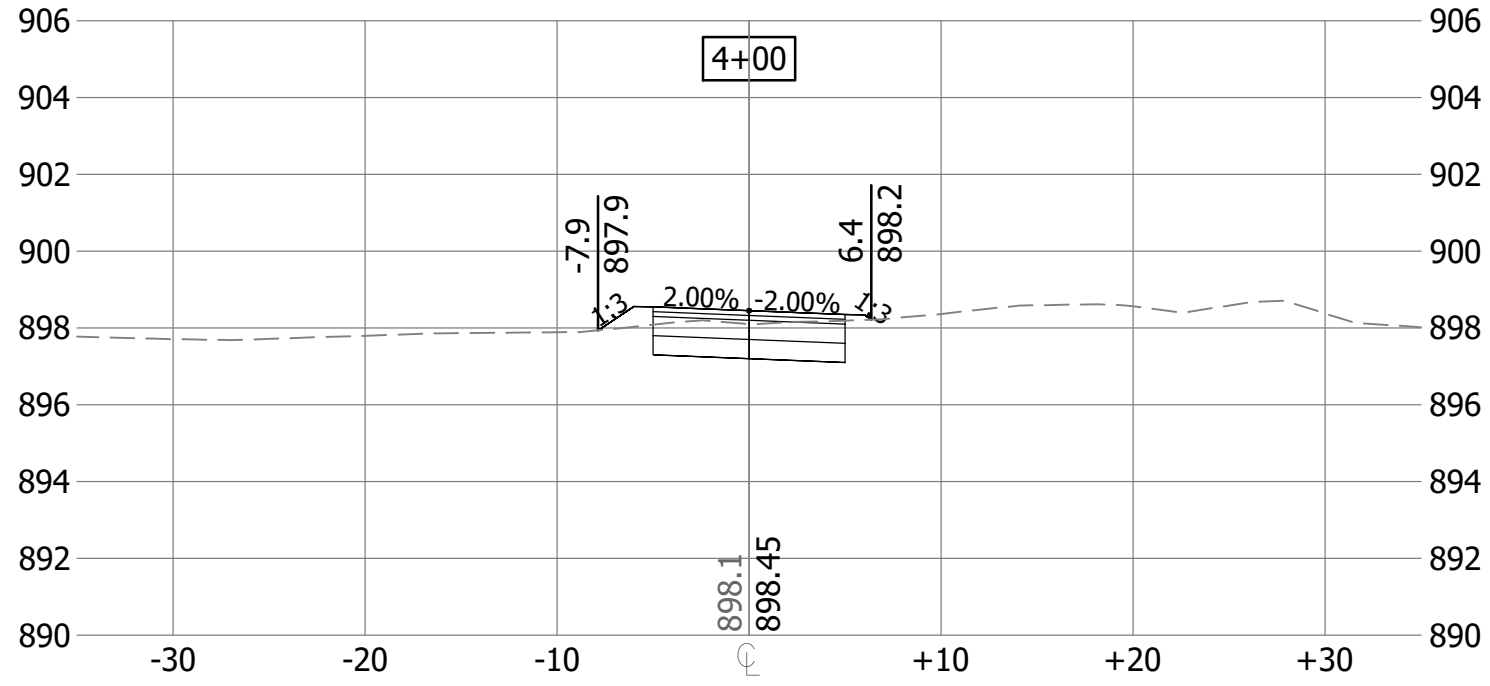
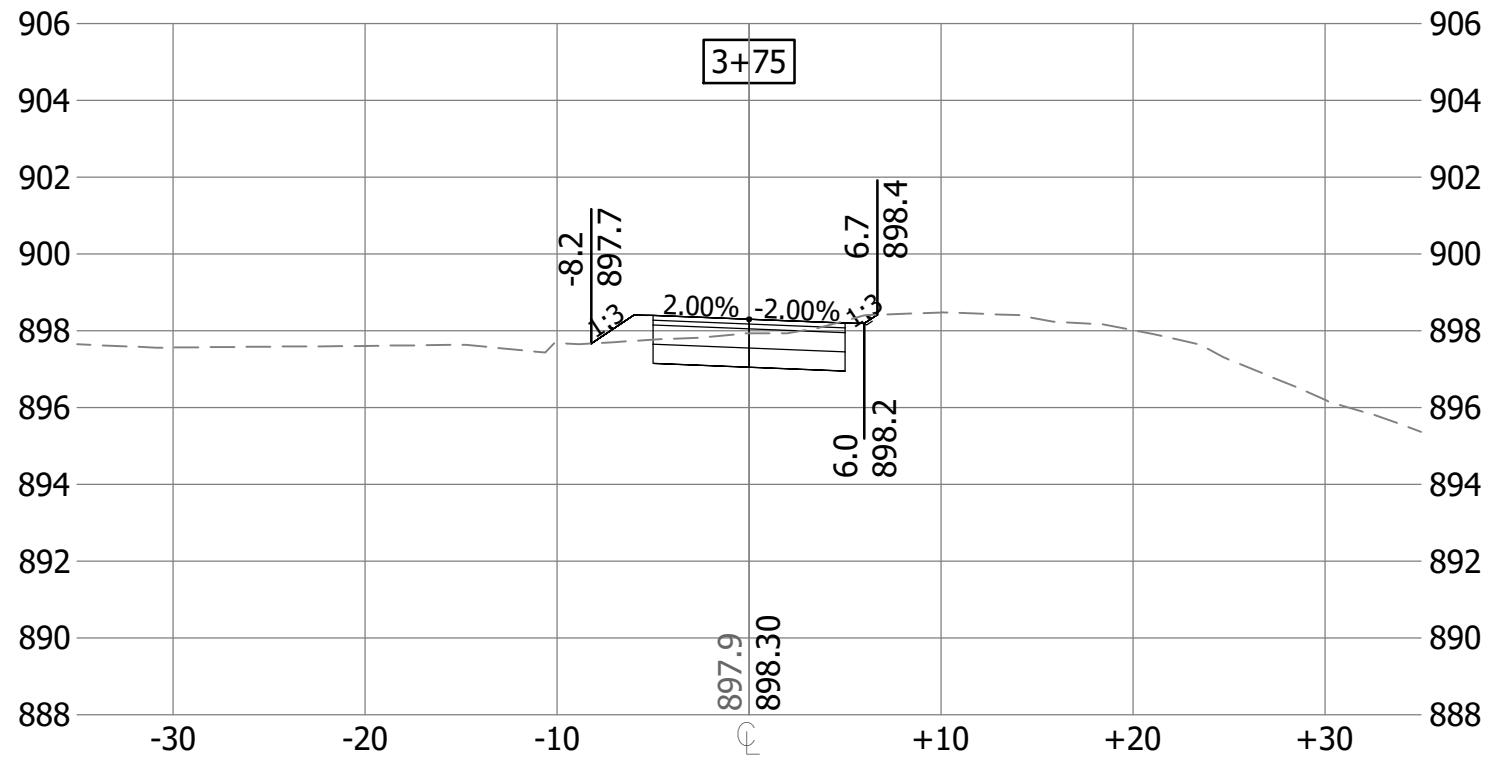
SHEET TITLE:

CROSS SECTIONS

SHEET NO.:

C7.02





ONE CARLSON PARKWAY  
SUITE 100  
PLYMOUTH, MN 55447  
PHONE: 763-262-8800  
WWW.STANTEC.COM

CLIENT:



# MCWD CEDAR-GREENWAY TRAIL CONNECTION

CITY OF HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

1

1

DATE:

11/04/2022

CERTIFICATION:

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PROJECT NO.:

227707443

DWN BY:

CHK'D BY:

APP'D BY:

ISSUE DATE:

XX/XX/2025

ISSUE NO.:

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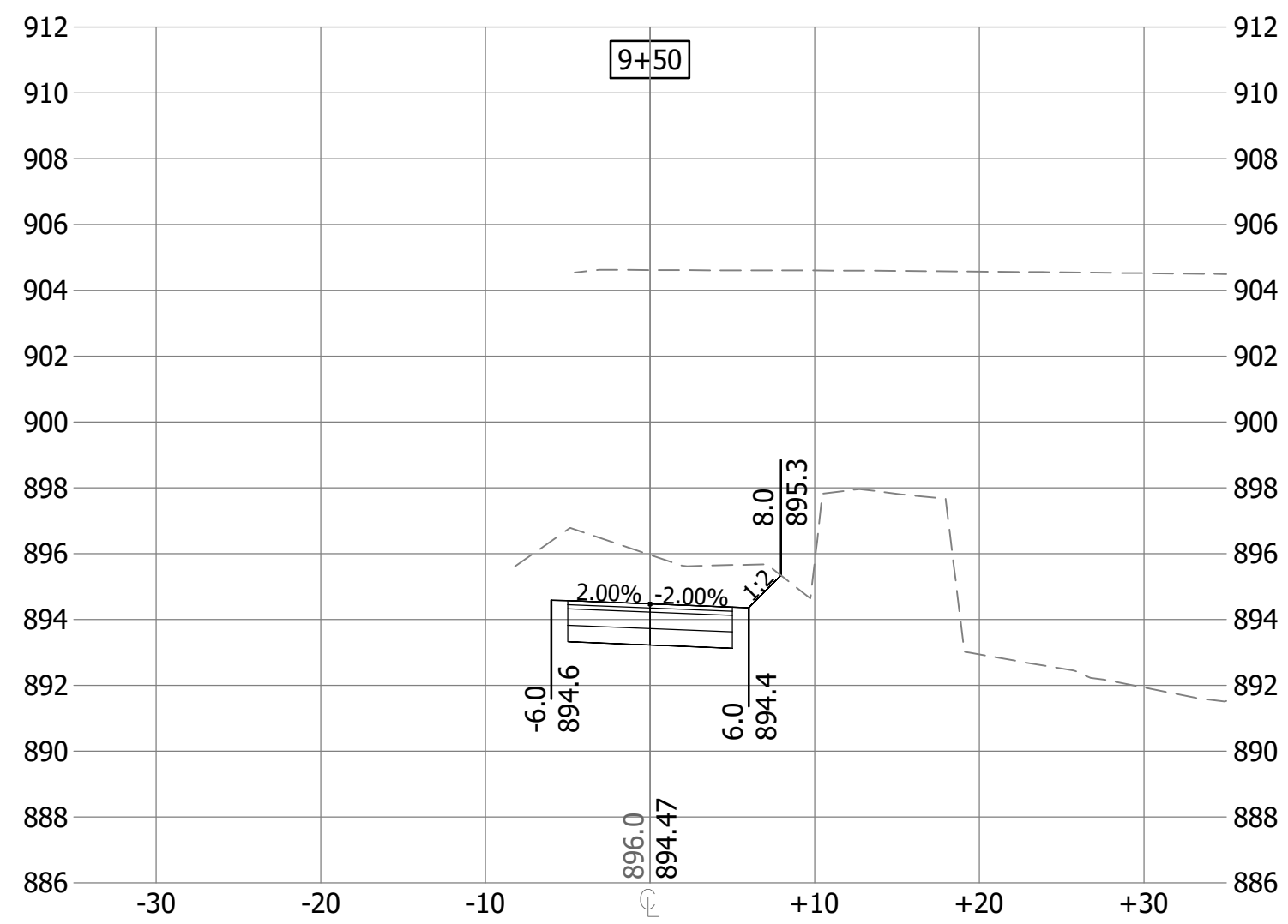
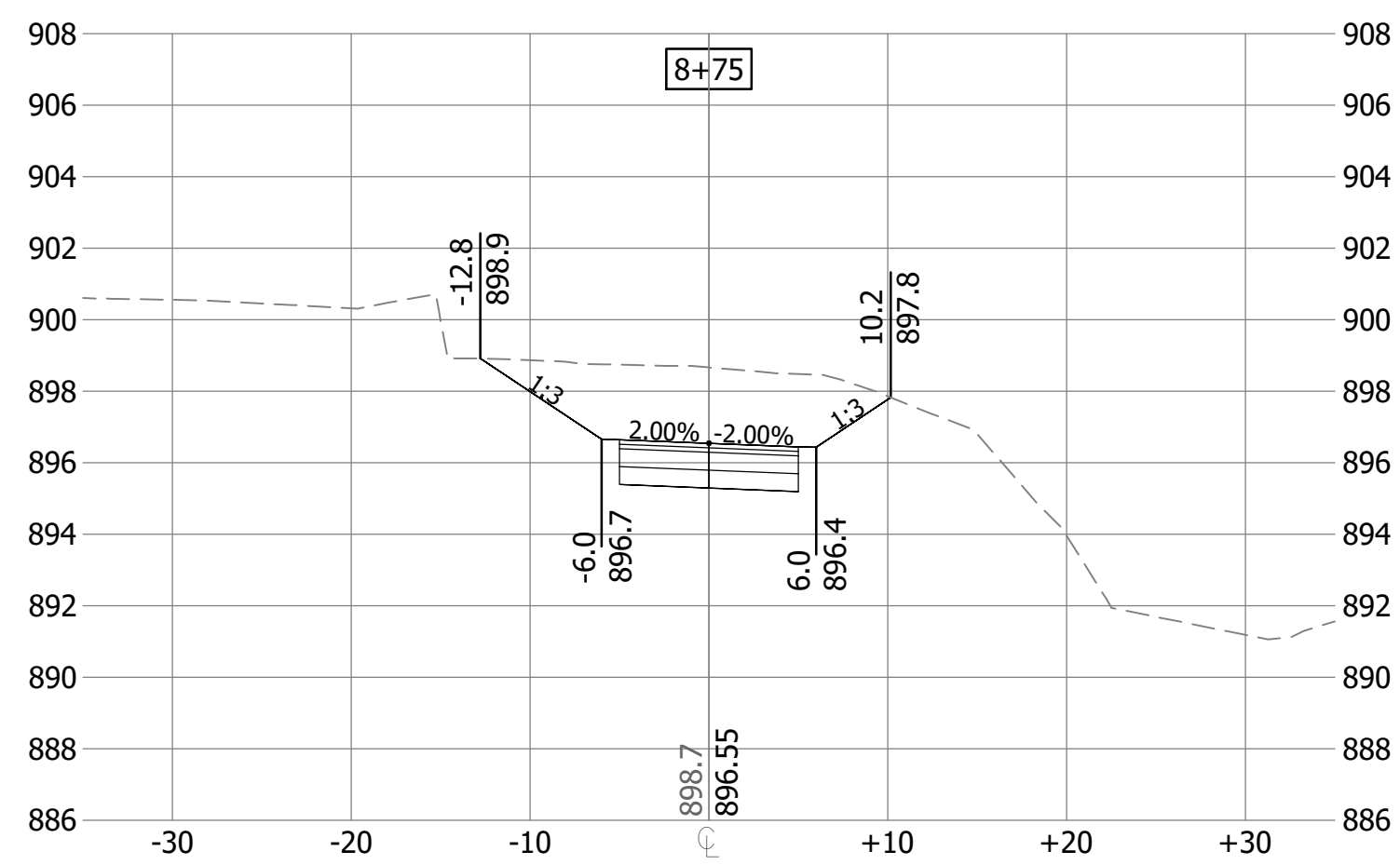
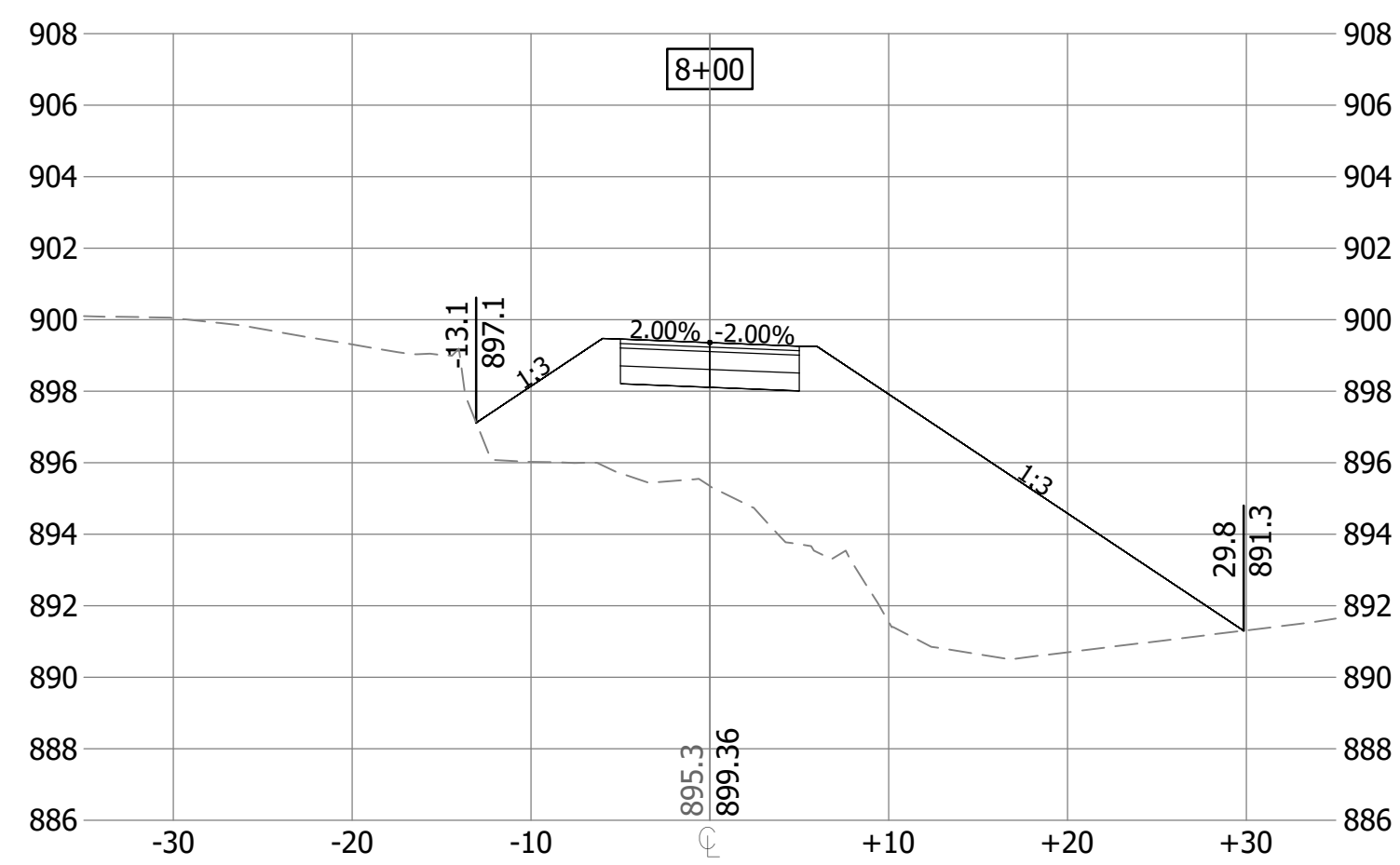
SHEET TITLE:

CROSS SECTIONS

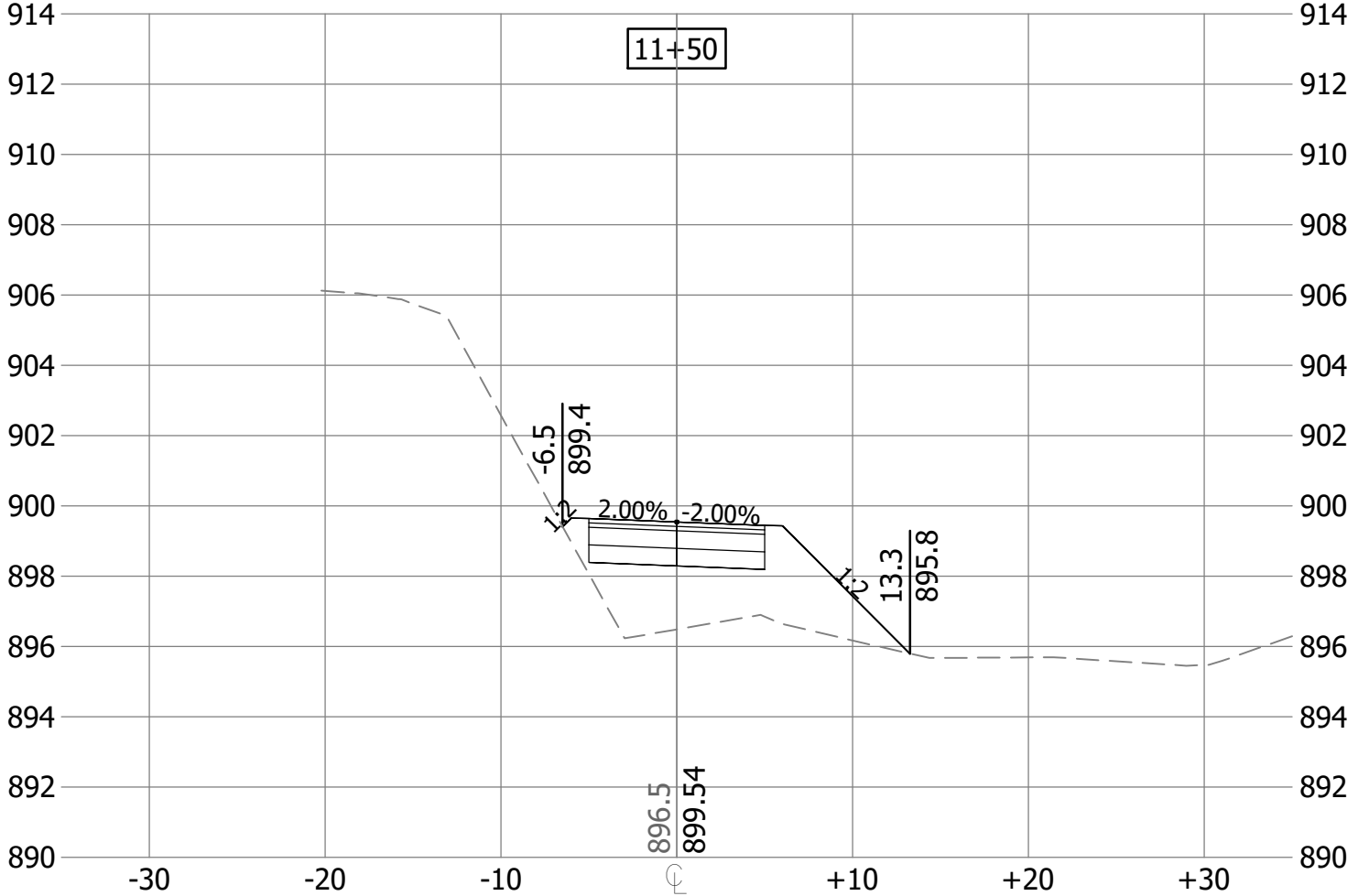
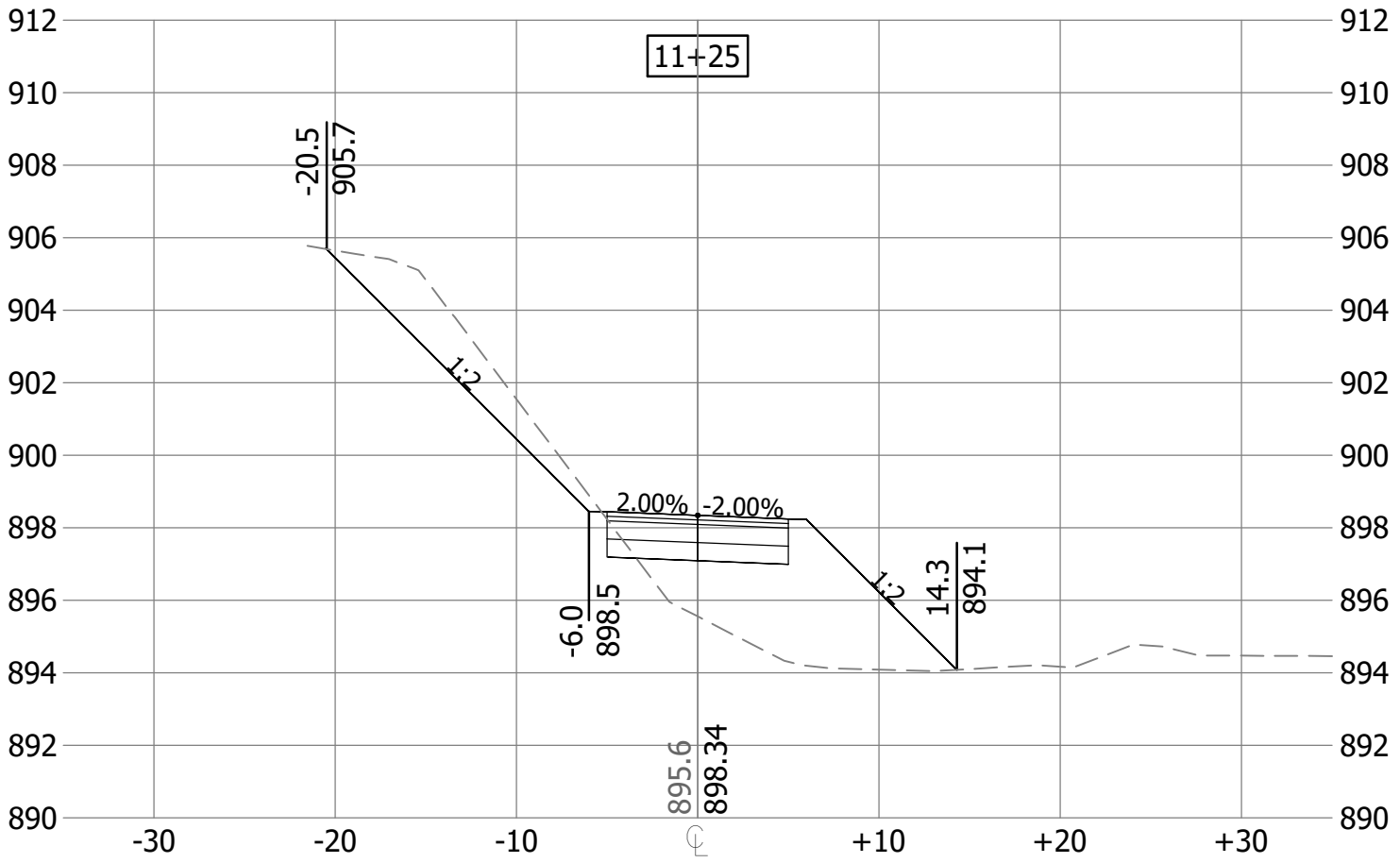
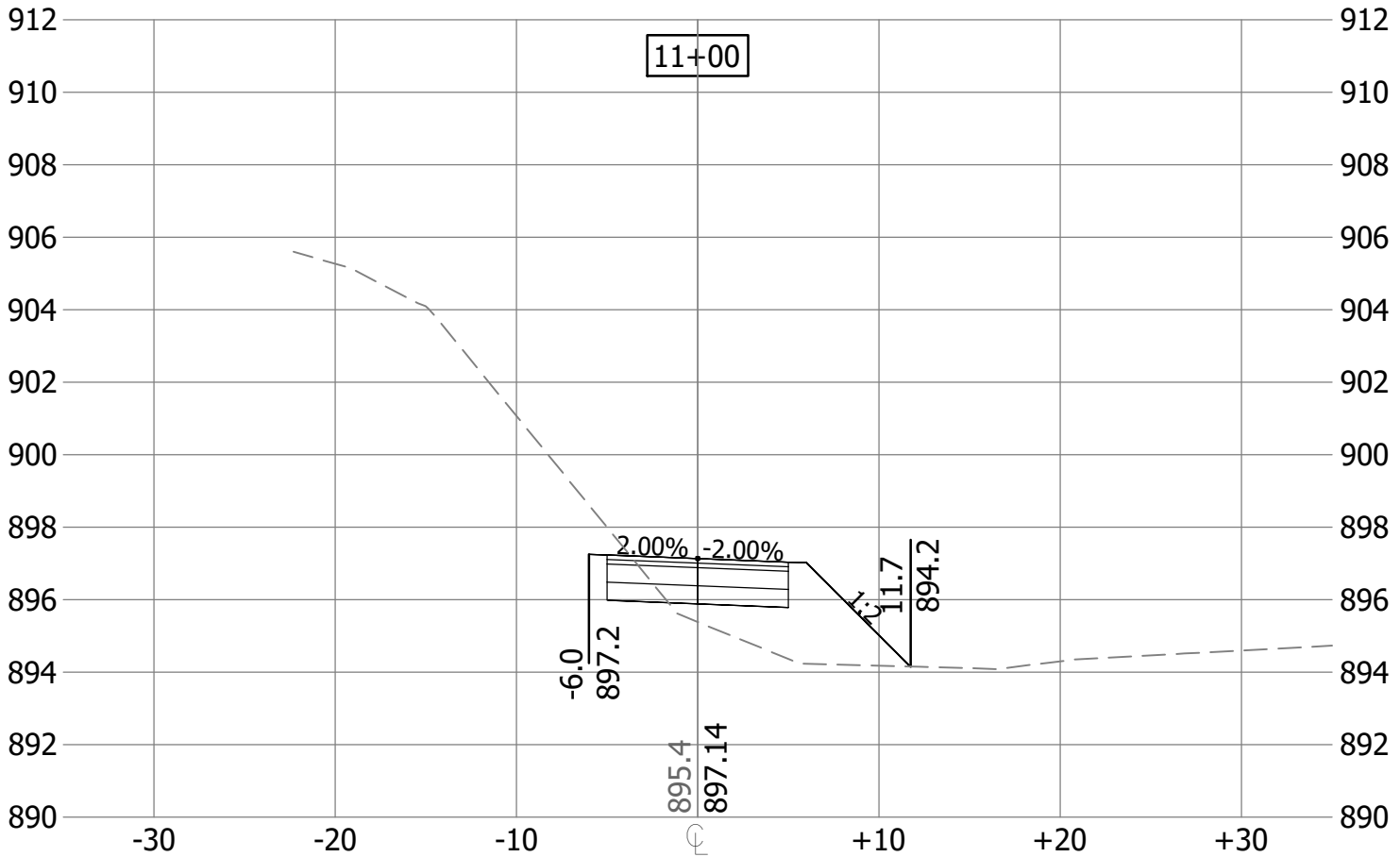
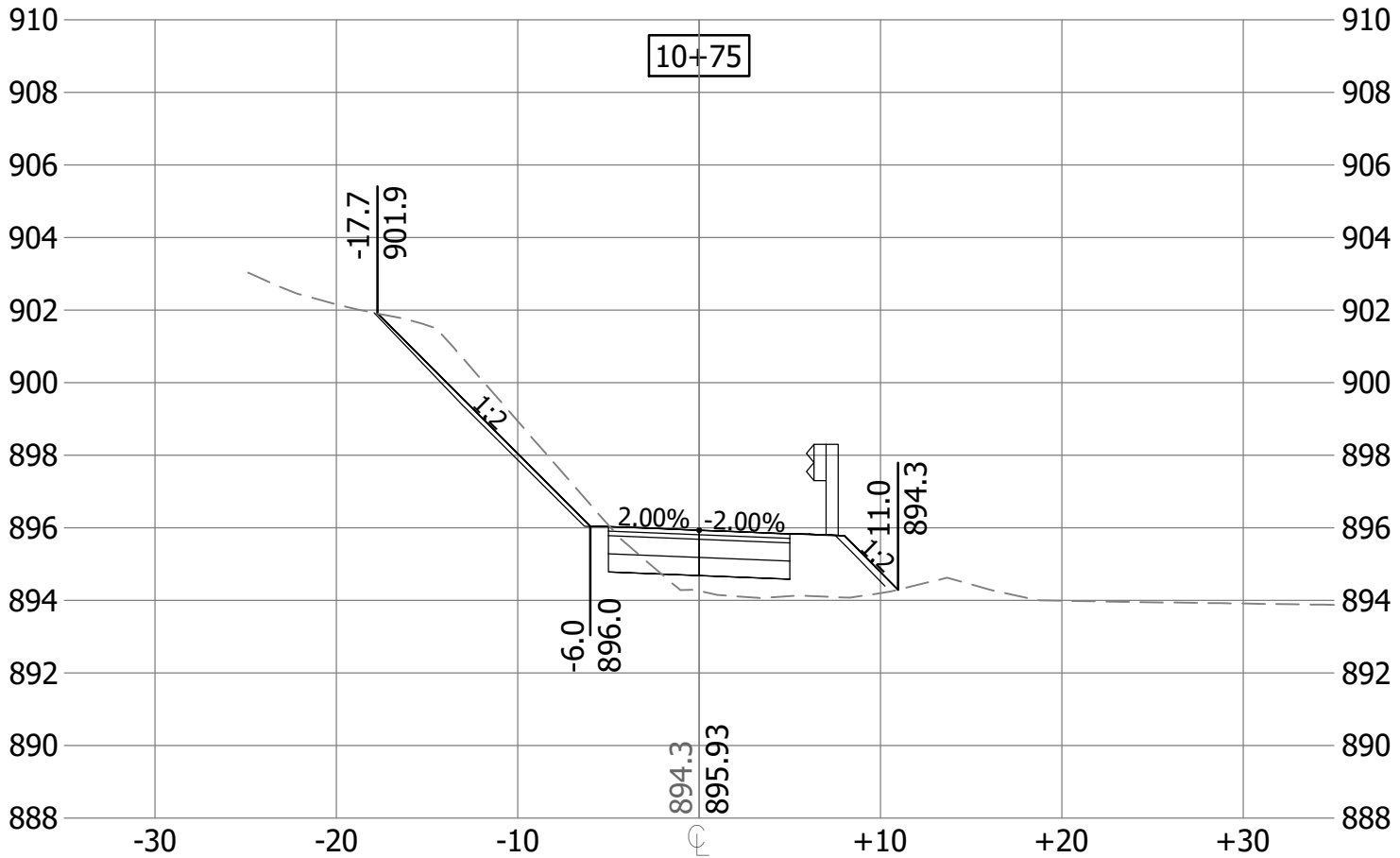
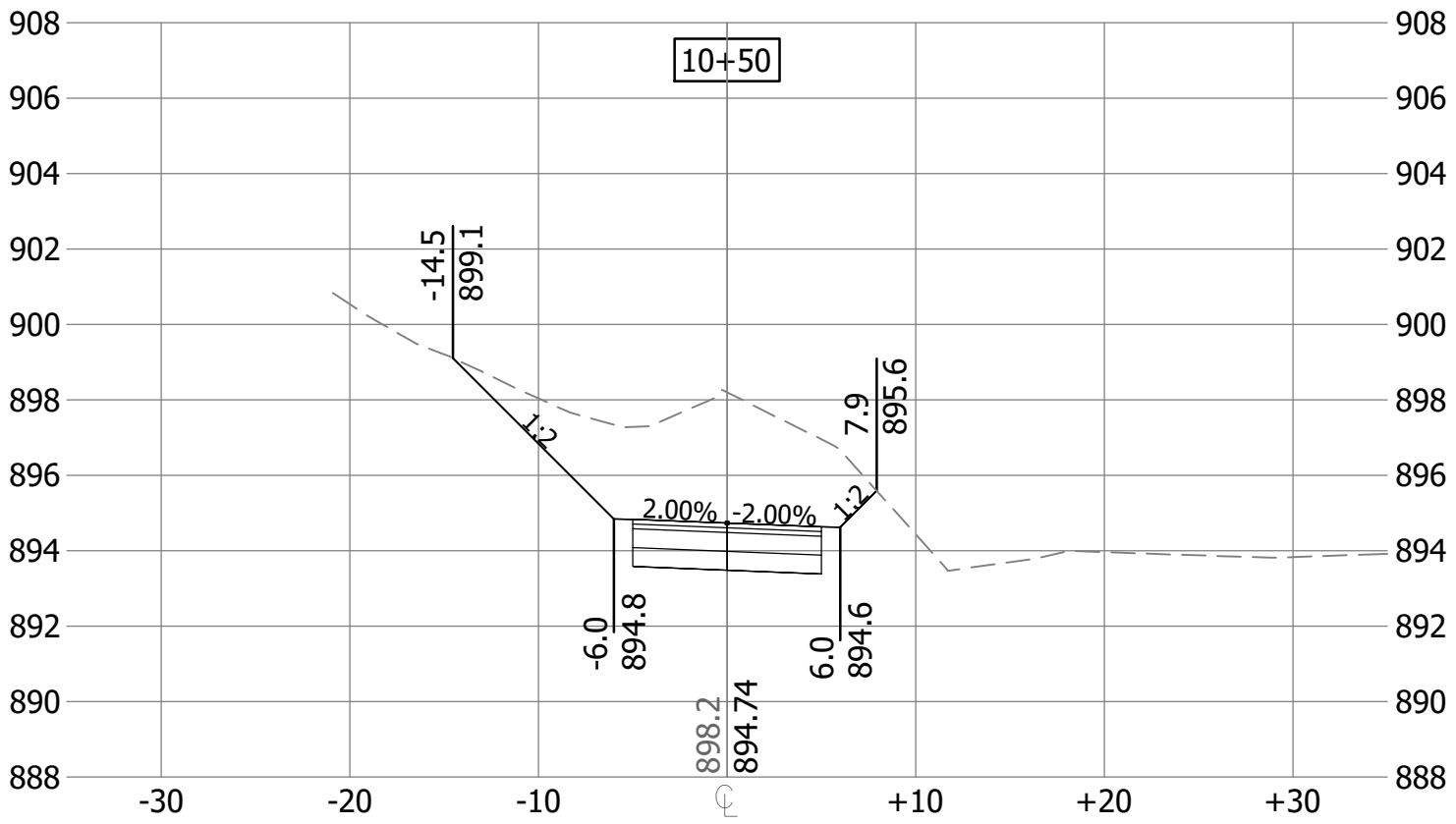
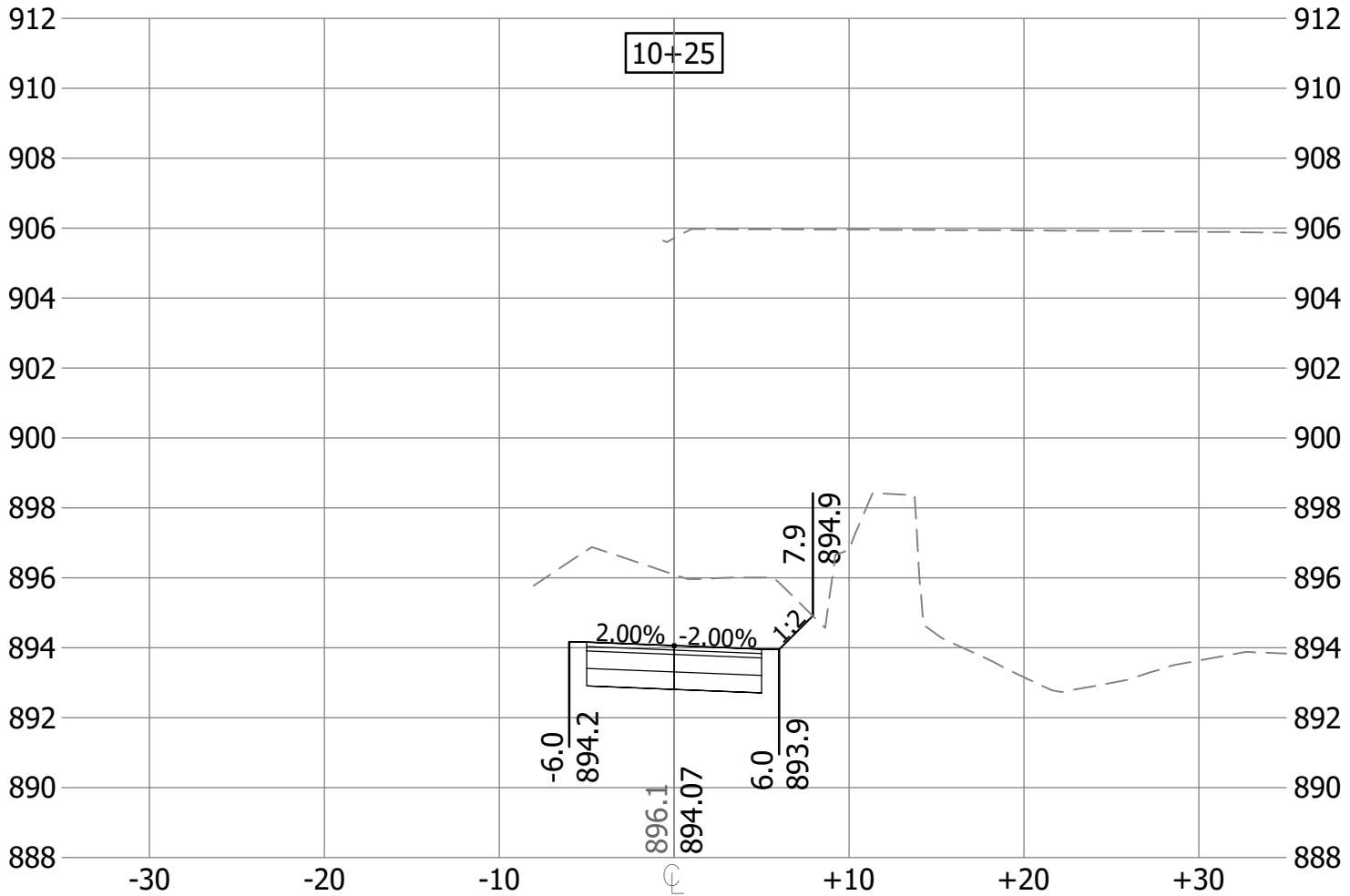
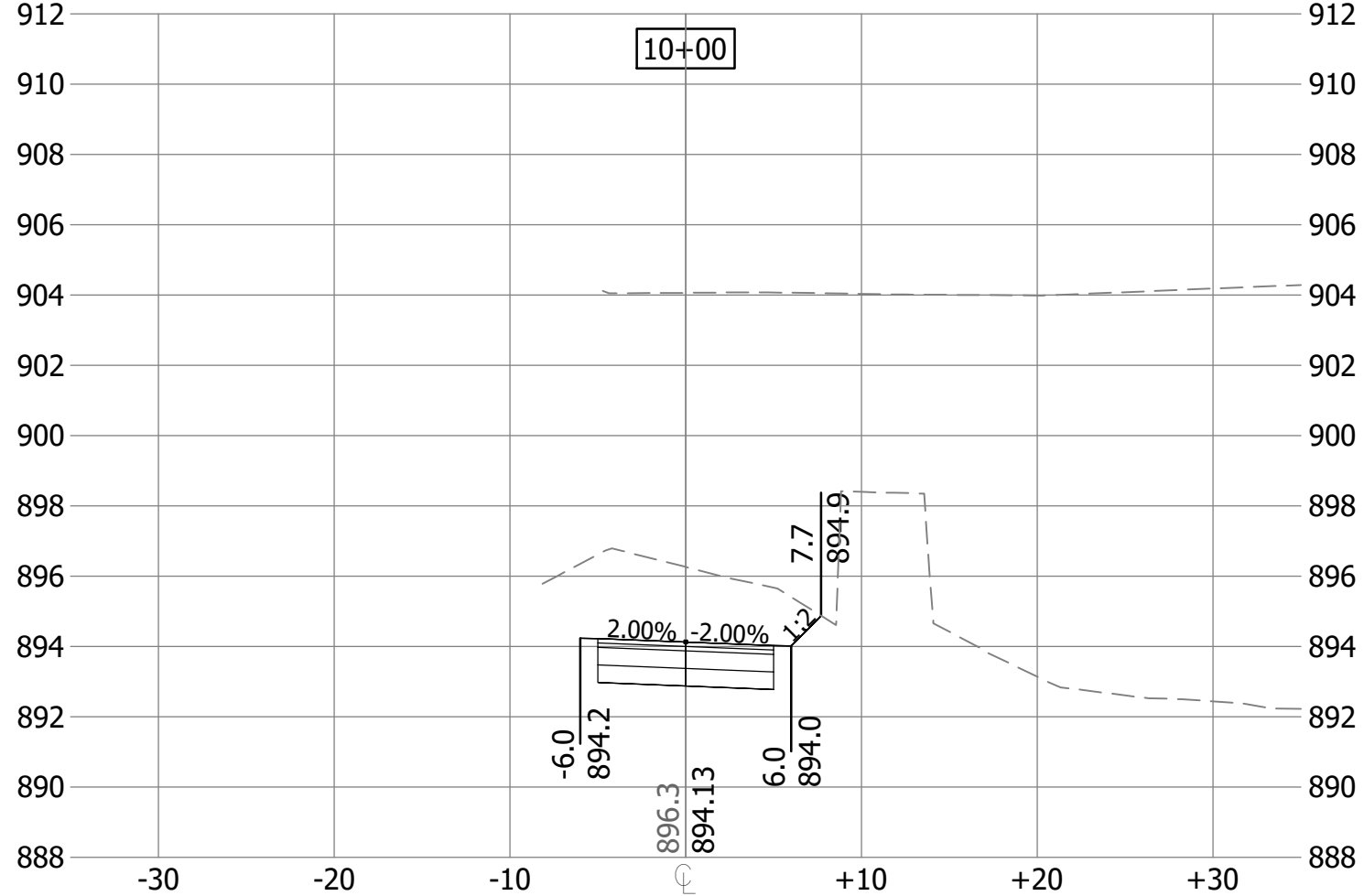
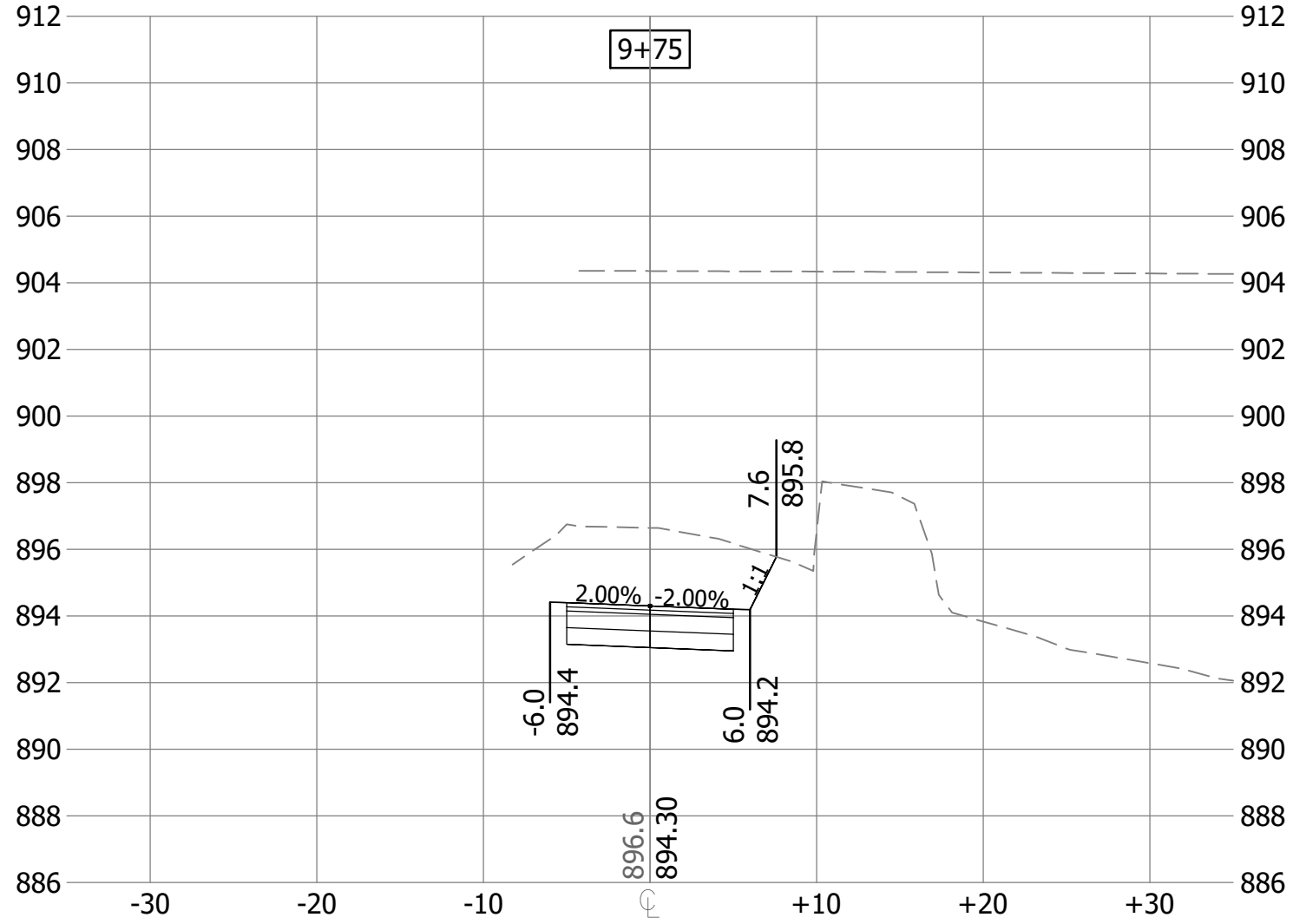
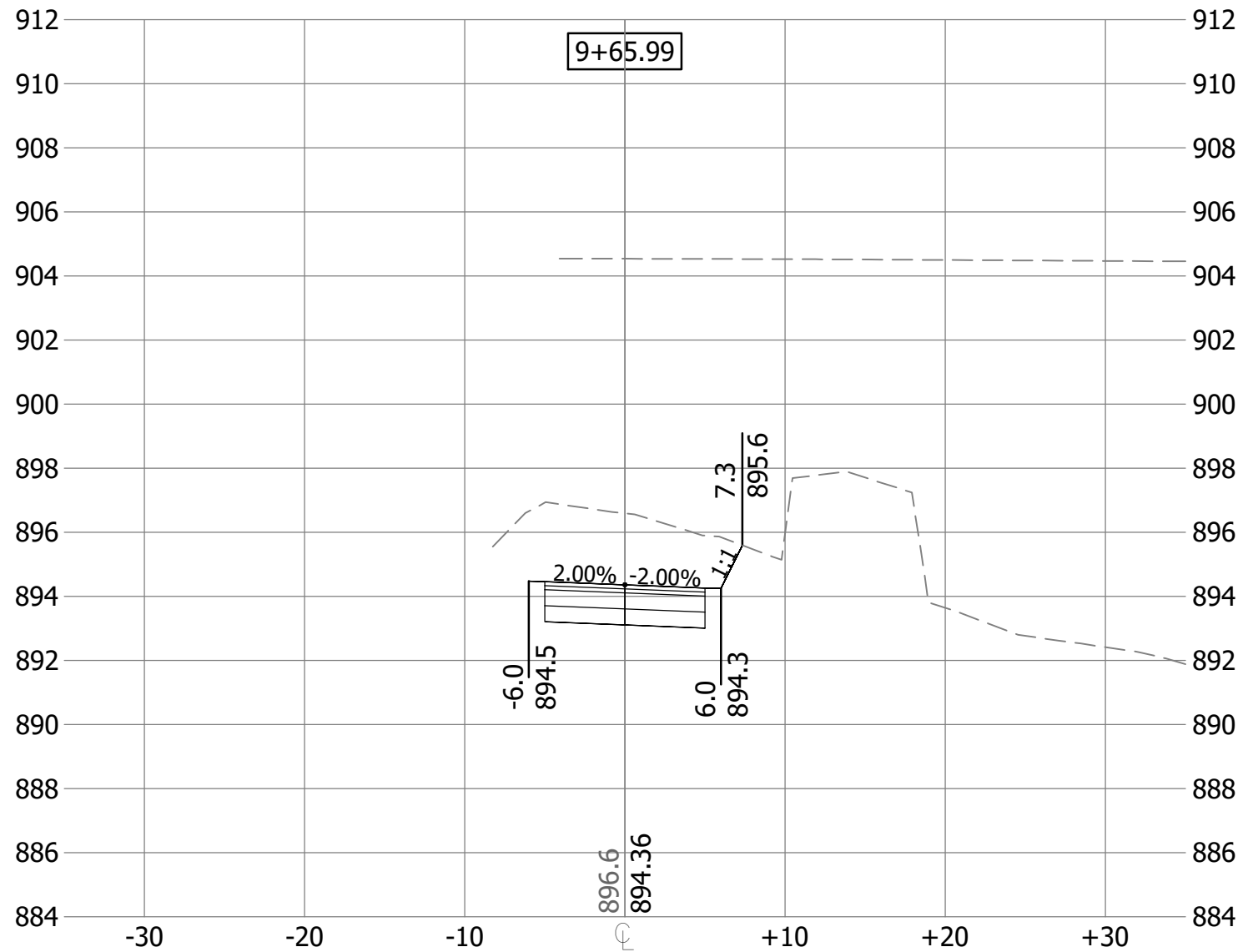
SHEET NO.:

C7.03









ONE CARLSON PARKWAY  
SUITE 100  
PLYMOUTH, MN 55447  
PHONE: 763-262-8800  
WWW.STANTEC.COM

CLIENT:



# MCWD CEDAR-GREENWAY TRAIL CONNECTION

CITY OF HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

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DESCRIPTION: FEASIBILITY STUDY 30% PLANS

DATE: 11/04/2022 XXXX/XX/XX

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DATE: \_\_\_\_\_

PROJECT NO.: 227707443

DWN BY: ADG CHK'D BY: NW APP'D BY: CM

ISSUE DATE: XX/XX/2025

ISSUE NO.: 0

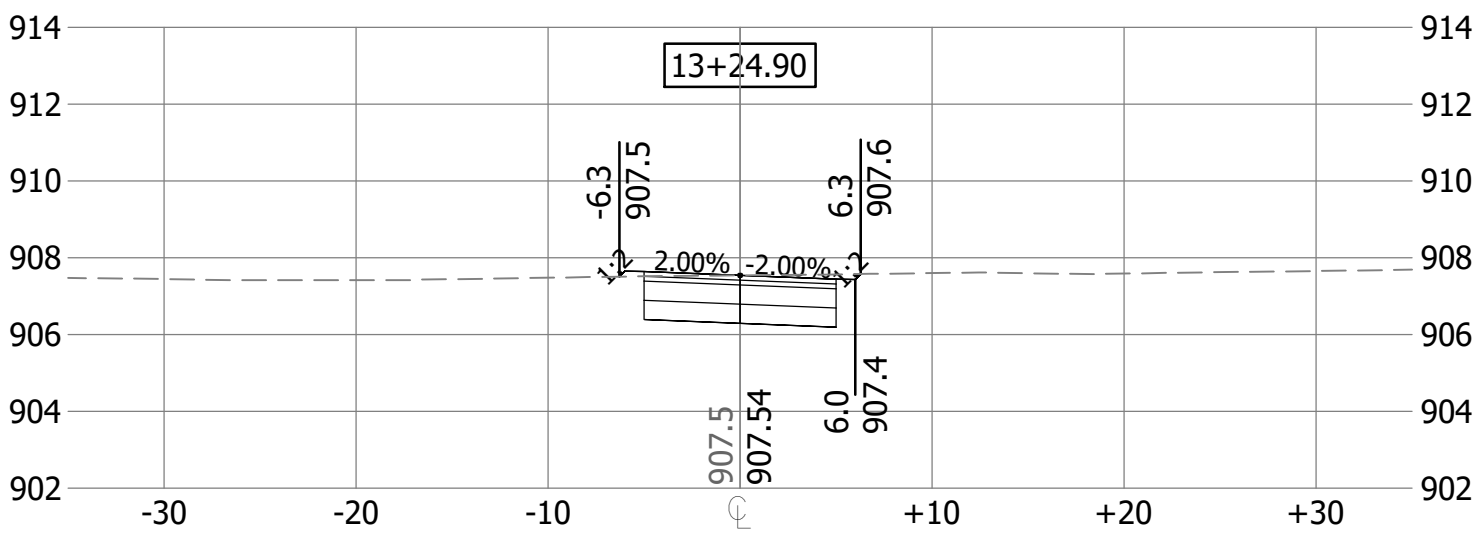
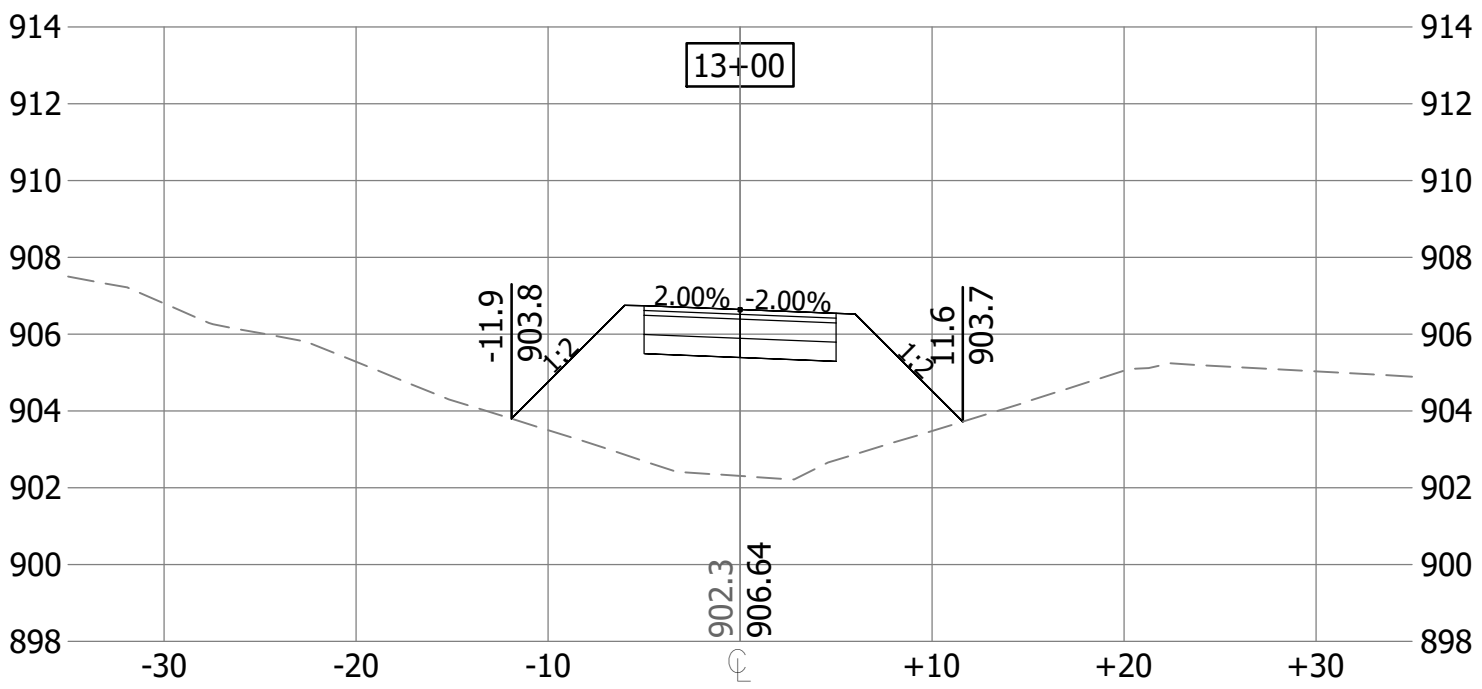
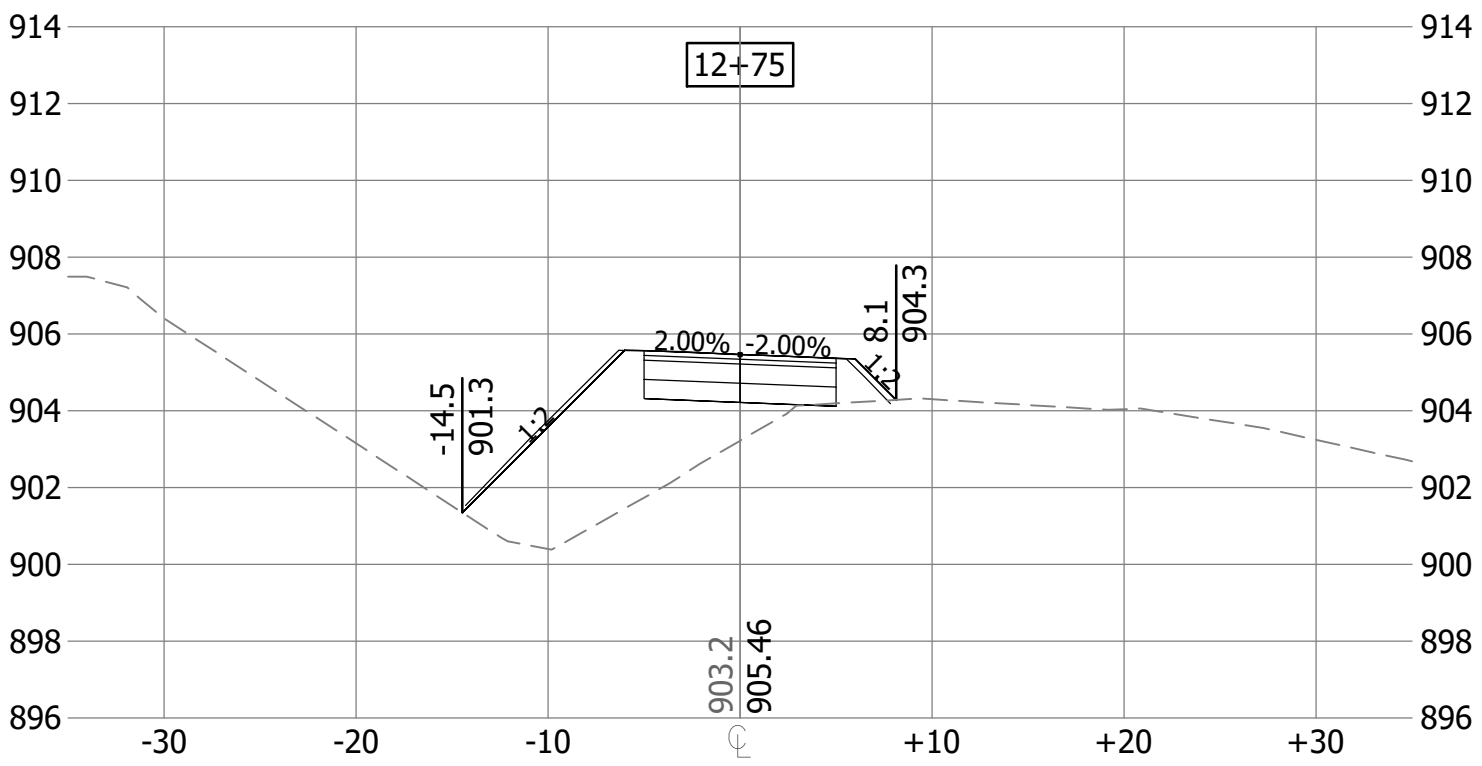
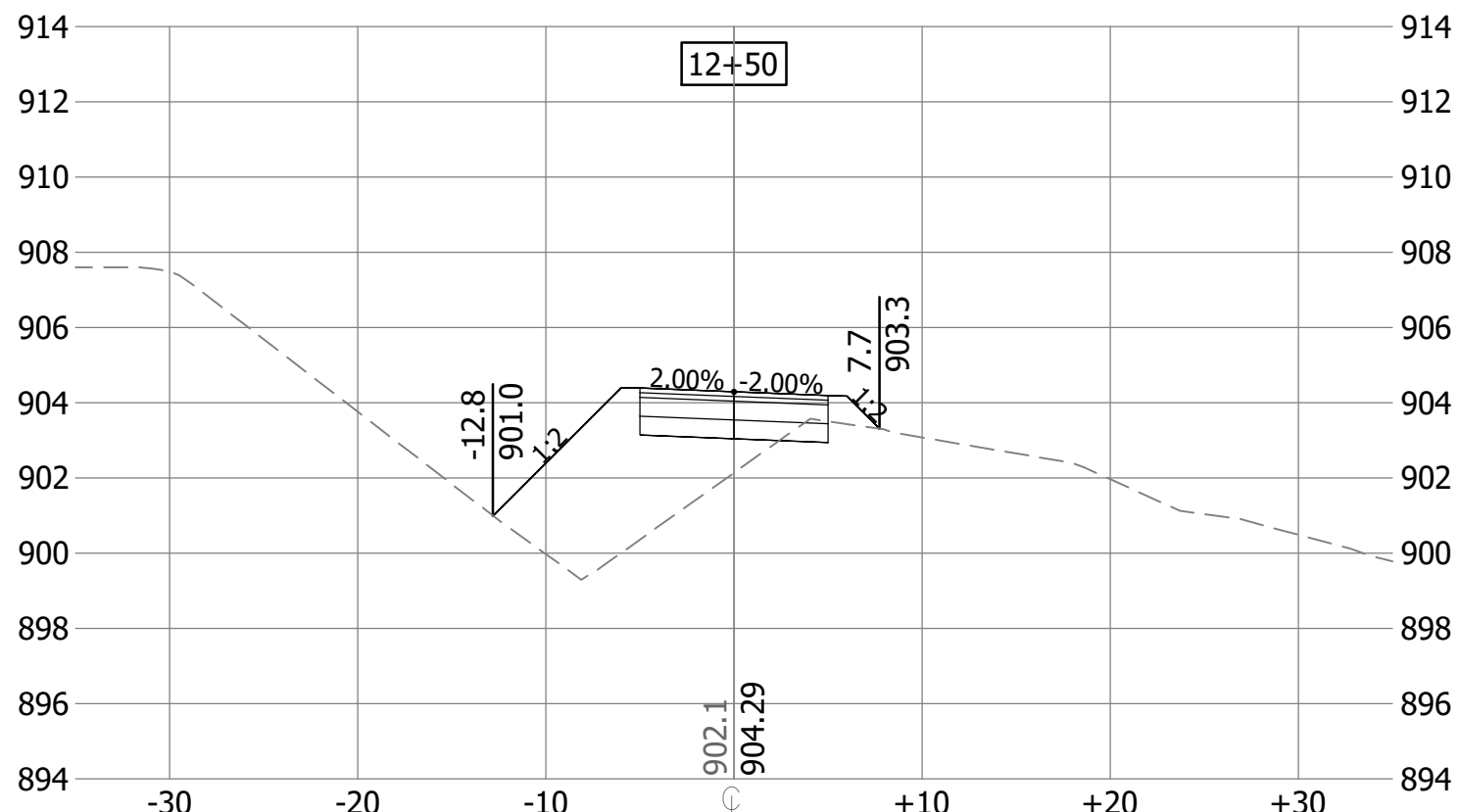
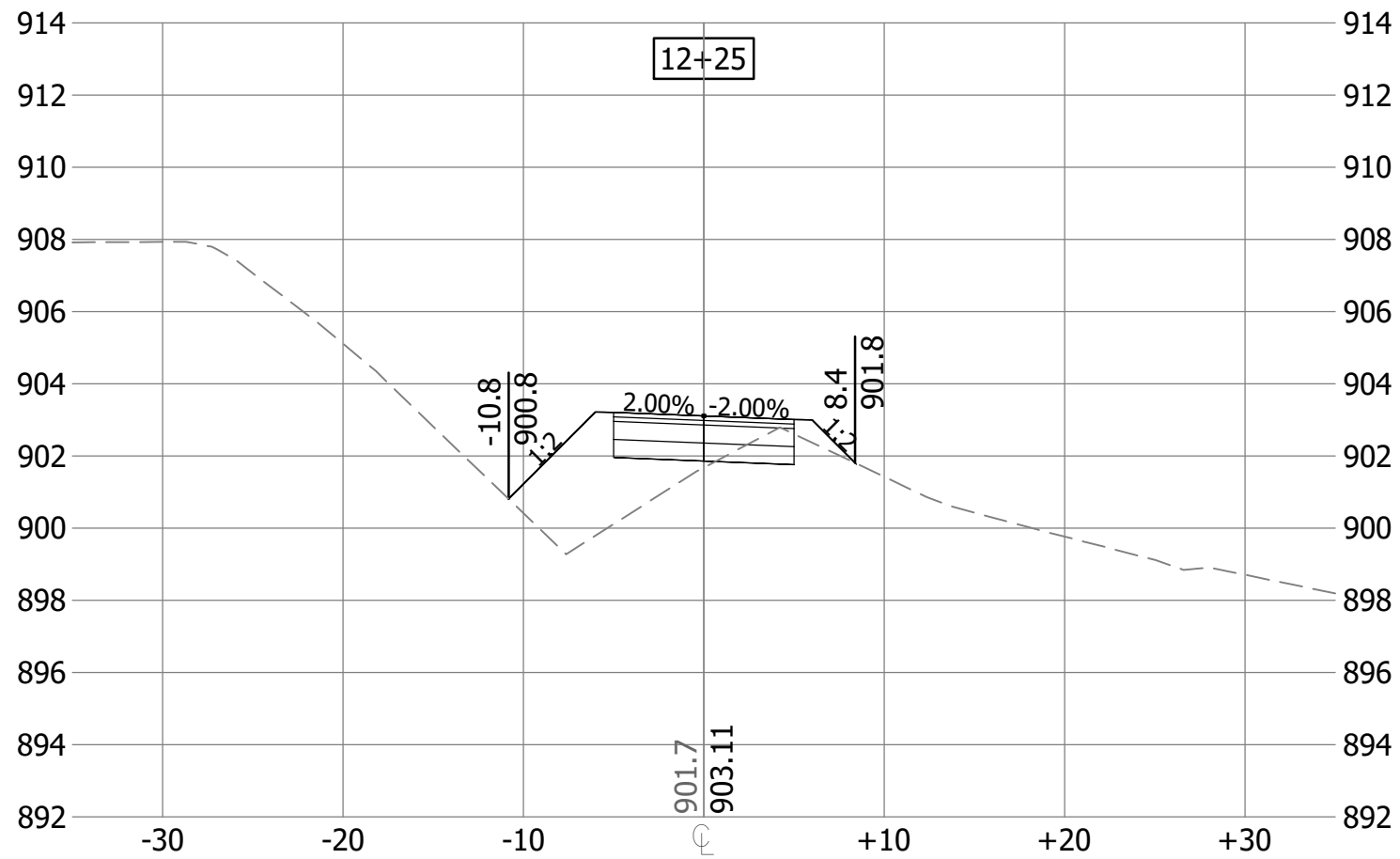
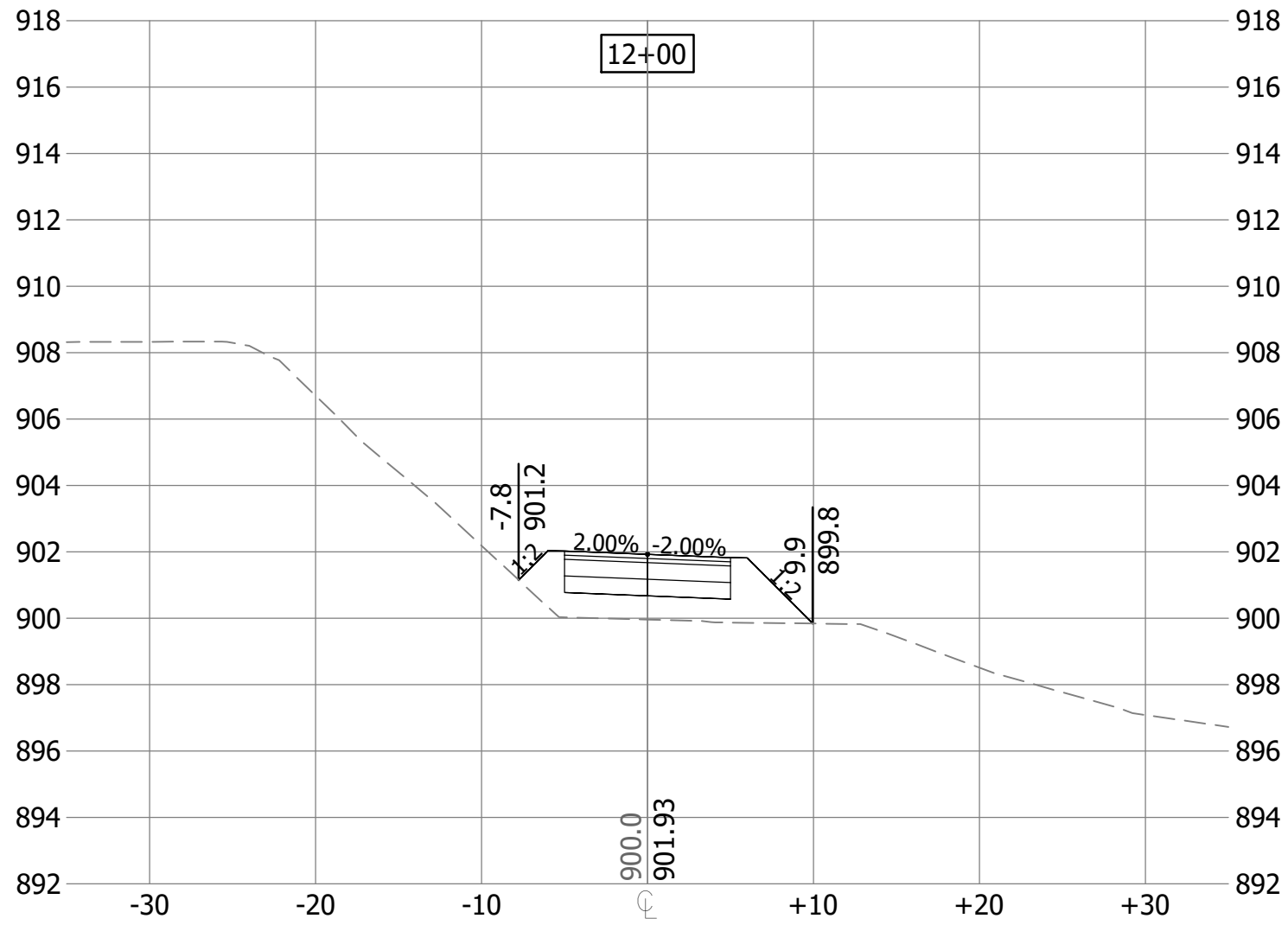
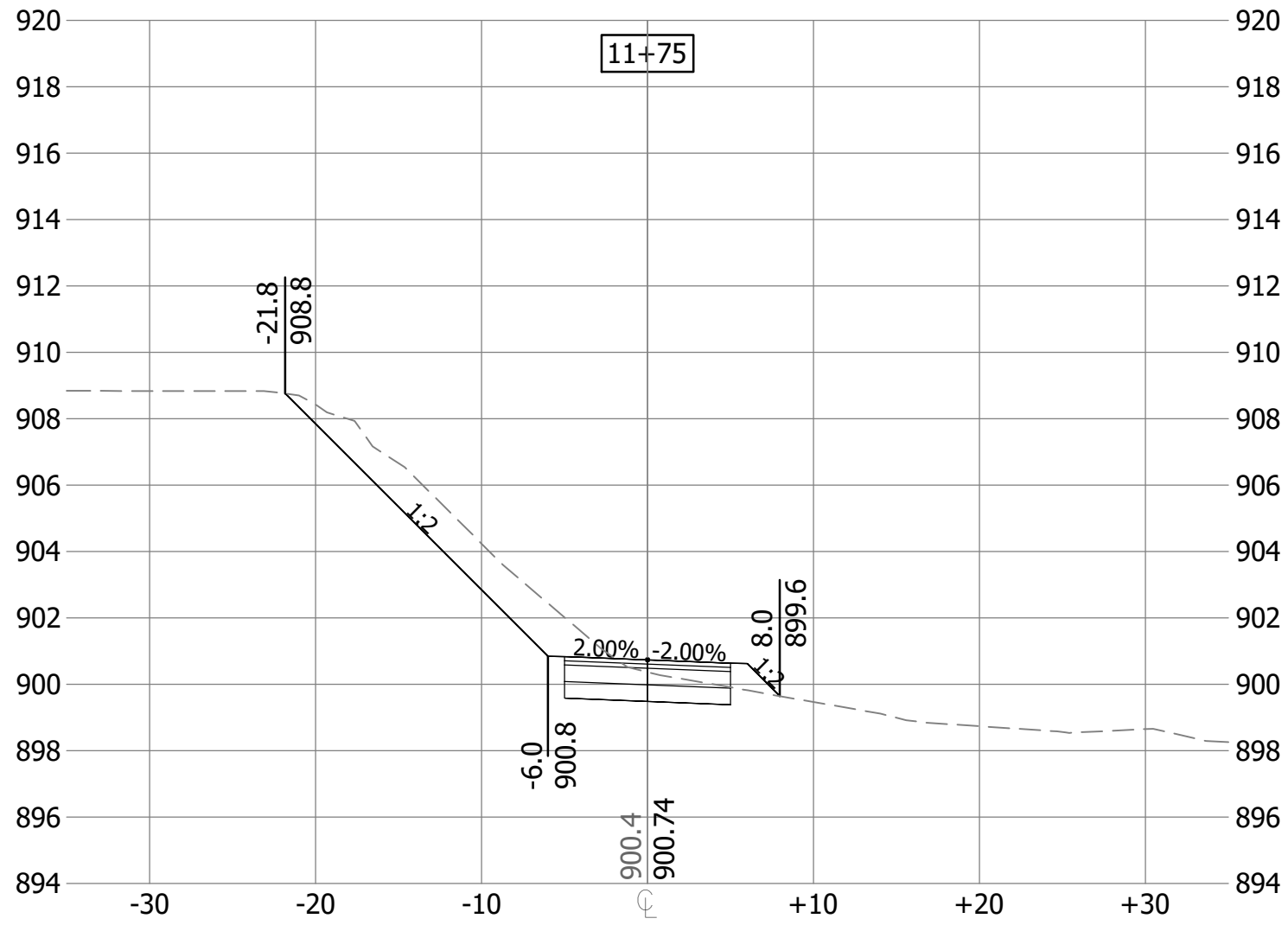
SHEET TITLE:

CROSS SECTIONS

SHEET NO.:

C7.05





ONE CARLSON PARKWAY  
SUITE 100  
PLYMOUTH, MN 55447  
PHONE: 763-262-8800  
WWW.STANTEC.COM

CLIENT:



MCWD CEDAR-GREENWAY  
TRAIL CONNECTION  
CITY OF HOPKINS  
DAKOTA COUNTY, MINNESOTA

PROJECT TITLE

ISSUE NO.:

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DESCRIPTION:  
FEASIBILITY STUDY  
30% PLANS

DATE:  
11/04/2023  
XXXXXX2025

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PROJECT NO.: 227707443

DWN BY: ADG  
CHK'D BY: NW  
APP'D BY: CM

ISSUE DATE: XX/XX/2025

ISSUE NO.: 0

SHEET TITLE:  
CROSS SECTIONS

SHEET NO.:  
C7.06

**OPINION OF PROBABLE COST**  
**MINNEHAHA CREEK WATERSHED DISTRICT**  
**CEDAR TRAIL GREENWAY**  
**227707443**  
**30% ESTIMATE**  
**4/18/2025**



| NO.             | ITEM DESCRIPTION                        | UNIT   | QUANTITY | UNIT PRICE                                    | TOTAL PRICE   |
|-----------------|-----------------------------------------|--------|----------|-----------------------------------------------|---------------|
| <b>BASE BID</b> |                                         |        |          |                                               |               |
| 1               | MOBILIZATION                            | LS     | 1        | \$ 56,000.00                                  | \$ 56,000.00  |
| 2               | DEWATERINGS & EROSION/SEDIMENT CONTROL  | LS     | 1        | \$ 37,000.00                                  | \$ 37,000.00  |
| 3               | CLEAR & GRUB TREE                       | EA     | 31       | \$ 1,000.00                                   | \$ 31,000.00  |
| 4               | COMMON EXCAVATION - ONSITE              | CU YD  | 1000     | \$ 20.00                                      | \$ 20,000.00  |
| 5               | COMMON EXCAVATION (FLOODPLAIN) - ONSITE | CU YD  | 1500     | \$ 20.00                                      | \$ 30,000.00  |
| 6               | COMMON EXCAVATION - OFFSITE             | CU YD  | 500      | \$ 25.00                                      | \$ 12,500.00  |
| 7               | COMMON BORROW                           | CU YD  | 820      | \$ 30.00                                      | \$ 24,600.00  |
| 8               | REMOVE RIPRAP                           | LS     | 1        | \$ 15,000.00                                  | \$ 15,000.00  |
| 9               | AGGREGATE BASE CLASS 5                  | TON    | 830      | \$ 22.00                                      | \$ 18,260.00  |
| 10              | 3" BITUMINOUS WALK                      | SQ FT  | 12400    | \$ 3.50                                       | \$ 43,400.00  |
| 11              | PEDESTRIAN CURP RAMP                    | EA     | 3        | \$ 3,500.00                                   | \$ 10,500.00  |
| 12              | GUARD RAIL                              | LIN FT | 85       | \$ 100.00                                     | \$ 8,500.00   |
| 13              | CM PIPE SEWER                           | LIN FT | 140      | \$ 100.00                                     | \$ 14,000.00  |
| 14              | TRAFFIC CONTROL                         | LS     | 1        | \$ 2,000.00                                   | \$ 2,000.00   |
| 15              | STONE TOE                               | CU YD  | 308.00   | \$ 180.00                                     | \$ 55,440.00  |
| 16              | FES LIFTS                               | LIN FT | 1050.00  | \$ 50.00                                      | \$ 52,500.00  |
| 17              | IMPORTED FES LIFT BACKFILL (TOPSOIL)    | CU YD  | 147.00   | \$ 30.00                                      | \$ 4,410.00   |
| 18              | SITE ACCESS AND RESTORATION             | LS     | 1        | \$ 18,000.00                                  | \$ 18,000.00  |
| 19              | WETLAND IMPACTS                         | SQ YD  | 630      | \$ 15.00                                      | \$ 9,450.00   |
|                 |                                         |        |          | <b>SUBTOTAL</b>                               | \$ 462,560.00 |
|                 |                                         |        |          | <b>[30%] CONTINGENCY</b>                      | \$ 138,768.00 |
|                 |                                         |        |          | <b>TOTAL CONSTRUCTION COST</b>                | \$ 601,328.00 |
|                 |                                         |        |          | <b>30% LEGAL, ENGINEERING, ADMIN, FINANCE</b> | \$ 180,398.40 |
|                 |                                         |        |          | <b>TOTAL PROJECT COSTS</b>                    | \$ 781,726.40 |

| NO.                                              | ITEM DESCRIPTION                     | UNIT   | QUANTITY | UNIT PRICE                                    | TOTAL PRICE   |
|--------------------------------------------------|--------------------------------------|--------|----------|-----------------------------------------------|---------------|
| <b>ALTERNATE #1: ADDITIONAL BANK RESTORATION</b> |                                      |        |          |                                               |               |
| A.1                                              | MOBILIZATION                         | LS     | 1        | \$ 8,000.00                                   | \$ 8,000.00   |
| A.2                                              | STONE TOE                            | CU YD  | 132.00   | \$ 180.00                                     | \$ 23,760.00  |
| A.3                                              | FES LIFTS                            | LIN FT | 450.00   | \$ 50.00                                      | \$ 22,500.00  |
| A.4                                              | IMPORTED FES LIFT BACKFILL (TOPSOIL) | CU YD  | 63.00    | \$ 30.00                                      | \$ 1,890.00   |
| A.5                                              | SITE ACCESS AND RESTORATION          | LS     | 1        | \$ 5,000.00                                   | \$ 5,000.00   |
|                                                  |                                      |        |          | <b>SUBTOTAL</b>                               | \$ 61,150.00  |
|                                                  |                                      |        |          | <b>[30%] CONTINGENCY</b>                      | \$ 18,345.00  |
|                                                  |                                      |        |          | <b>TOTAL CONSTRUCTION COST</b>                | \$ 79,495.00  |
|                                                  |                                      |        |          | <b>30% LEGAL, ENGINEERING, ADMIN, FINANCE</b> | \$ 23,848.50  |
|                                                  |                                      |        |          | <b>TOTAL ALTERNATE COSTS</b>                  | \$ 103,343.50 |

|  |  |  |  |                                   |               |
|--|--|--|--|-----------------------------------|---------------|
|  |  |  |  | <b>TOTAL BASE + ALTERNATE BID</b> | \$ 885,069.90 |
|--|--|--|--|-----------------------------------|---------------|