

AGENDA
OLIVIA CITY COUNCIL MEETING
CITY HALL COUNCIL CHAMBERS
MONDAY, MARCH 18 at 5:30 PM



PLEDGE OF ALLEGIANCE

1) CALL TO ORDER AND DETERMINATION OF A QUORUM

Councilors: ___Baumgartner ___Ebbers ___Ferguson ___Mayor Hawkinson ___Padrnos

2) PUBLIC FORUM

- A) When addressing the Council, please provide your name for the meeting record
- B) Speaking times will be limited to 3-minutes

3) AGENDA APPROVAL

4) CONSENT AGENDA

- A) Special Meeting Minutes of February 26, 2024
- B) Regular Meeting Minutes of March 4, 2024
- C) Resolution 2024-34, Gambling Permit Church of St Mary
- D) Resolution 2024-35. Gambling Permit ACTS
- E) Resolution 2024-36, Limited Use Trail Agreement with MnDOT Amendment
- F) Resolution 2024-38, Step Movement for Aaron Clouse
- G) Resolution 2024-39, Hiring of SMART Members Chris Guggemos, Brady Revier, Derek Tostenson, Ryan Tostenson and Derek Wertz

5) DISCUSSION / BUSINESS ITEMS

- A) Widseth Mechanical Presentation
- B) Donation Presentation and Project Concept Updates for Veterans Memorial at Kubesh Park
- C) Garbage Service RFP
- D) First Reading of Ordinance 2024-02, Fine and Fee Schedule
- E) First Reading of Ordinance 2024-03, Amending Chapter 50 and 52 of the Olivia City Code Regarding Utility Charges and Franchise Requirements
- F) Police Department Vehicle Quote

6) REPORTS

- A) Reports of Council / Staff

7) NOTICES AND COMMUNICATIONS

8) ADJORNMENT

SPECIAL MEETING MINUTES

Monday, February 26, 2024

CALL TO ORDER AND DETERMINATION OF A QUORUM

The Special Meeting of the City Council of the City of Olivia, Minnesota, was called to order by Mayor Hawkinson at 5:30 P.M.

Council Members Present: Matt Baumgartner, George Ebbers, Blanca Ferguson, Mayor Hawkinson and Landon Padrnos.

Others present: Elizabeth Torkelson, City Administrator; Aaron Clouse, Patrol Sergeant; Ross Okins, Renville County Register; Jasmine Miller, Deputy Clerk.

AGENDA

Motion by Ferguson, second by Ebbers: to approve the agenda as presented. Motion passed unanimously.

DISCUSSION / BUSINESS ITEMS

Review Architect Proposals for City Hall Project

Motion by Ebbers, second by Padrnos: to move forward with WiDSETH's Architectural services for the City Hall, Police and Fire renovation addition. Roll Call: Padrnos, Baumgartner, Ferguson and Ebbers voted in favor. Hawkinson abstained. Motion passed.

Mayor Hawkinson stated that he will be abstaining because of a possible conflict of interest since one of the firms is a client of his professionally. The Mayor suggested the Council work through the discussion by going firm by firm in hopes of coming to a consensus by process of elimination. Baumgartner shared that his initial thought was to strike the Cities Edge Architects proposal from consideration as it was the most expensive. Ebbers agreed that the Cities Edge Architects proposal seemed quite high. There was council consensus to eliminate the Cities Edge Architects from consideration. In reviewing the proposal from HMA Architects, Baumgartner expressed he liked the proposal, but didn't like how the firm's costs were on a percentage base of the total but recognized they were competitively priced with the others. Baumgartner also pointed out that all the proposals have added cost for trying to utilize the 179D tax credit advantages. Torkelson added that Marcus Construction suggested that if the Council wishes to pursue the alternate mechanical design they will be looking at a longer timeline, possibly 12 weeks rather than the 6 weeks written out in the RFP. Ebbers stated that he likes WiDSETH as they had the lowest base bid in their proposal. Torkelson mentioned that she is working with SEH to obtain records on soils testing that was already done on the City Hall property. Baumgartner shared that after reviewing the proposals, WiDSETH is the one he would choose. Padrnos and Ferguson added that they also like the WiDSETH proposal.

Purchase of Water Meters

Motion by Baumgartner, second by Padrnos: to purchase discounted water meters. Motion passed unanimously.

Hawkinson shared that the City has an opportunity to purchase water meters at a discounted rate. Torkelson shared that the normal price is \$320 per meter, and we can get meters for \$190. Torkelson shared that Dave Ervin has suggested purchasing the meters as quickly as possible and would like to purchase 100 meters.

ADJOURNMENT

Motion by Padrnos, second by Ebbers: to adjourn the meeting at 5:48 P.M. Motion passed unanimously.

Jon Hawkinson, Mayor

Attest: _____
Jasmine Miller, City Clerk

REGULAR MEETING MINUTES

Monday, March 4, 2024

CALL TO ORDER AND DETERMINATION OF A QUORUM

The Regular Meeting of the City Council of the City of Olivia, Minnesota, was called to order by Mayor Hawkinson at 5:30 P.M.

Council Members Present: Matt Baumgartner, George Ebbers, Blanca Ferguson, Mayor Jon Hawkinson and Landon Padrnos.

Others present: Elizabeth Torkelson, City Administrator; Jason Krumheuer, Police Chief; Pam Whitmore, City Attorney (zoom); Kevin Morse, Fire Chief; Tim Seehusen, Fire Department; Jo Monson, Utility Coordinator/Accounts Manager; Tracey Johnson, Pool Coordinator; Ross Okins, Renville County Register; Linda (zoom), Sue Hilgert, Lisa Walton, Julie Kohout, Julie Remer, Duane Remer, Cathalina Walton, Denise Pietig, MaryElla Clouse, Jasmine Miller, Deputy Clerk.

PUBLIC FORUM

Mayor Hawkinson temporarily suspended the regular meeting and opened the public forum at 5:31 P.M.

Denise Pietig shared with the council that she has lived in the community for over 40 years and raised her family here. She took swimming lessons at the age of 35 and has enjoyed swimming as part of her fitness routine. She highlighted that swimming can do so much for physical and mental health. She expressed that the pool is a safe place for children to attend with families. The pool provides a flexible employment opportunity for people. The pool serves the swim team and residents of surrounding City's. As a nurse she like the available of the pool during the winter months. The pool is an amenity in Olivia that attract people to our community.

MaryElla Clouse shared with the Council she believes the indoor pool is an important amenity to promote our community, as it is the only indoor pool in Renville County. She shared hopes with the council that they invest in the pool for this generation and the generations to come. She also expressed how important swimming lessons and water safety is for children.

Mary Jo Halliday addressed the Council representing herself and her husband John Halliday. Halliday highlighted the different programs that the pool offers. She reminded the Council that the City's public amenities such as the airport, parks, library and corn monument are costly to maintain and will never cashflow. Halliday requested the Mayor and Council agree to support the pool facility, consider expanding the Joint Powers Board by adding community members and lastly asked the Council to be open to marketing the facility to maximize the use of it. Halliday expressed interest in serving on the Joint Powers Board to offer more entertainment options to all ages.

Sue Hilgert briefly shared history of the pool. Hilgert highlighted that the maintenance of the facility and the operation of it is a joint amenity of the community and will always incur an expense as it will never cash flow. Currently the pool facility is overseen by the joint powers board and suggested adding a community member to the board in hopes fundraising can take place and subcommittees could be formed to support the pool. Hilgert asked the City to move forward supporting the School and allow time for program to get reestablished.

Julie Remer shared that her family uses the pool and her kids took swimming lessons at the pool when they were younger expressing the importance of water safety in Minnesota. Remer asked the Council for their support with keeping the pool up and running. As a dietician at the Hospital, Remer speaks with patients about lifestyle and movement and suggests the pool to patients who live near and far.

Cathalina Walton shared that over the past summer her family was swimming in the river and suggested they were drowning. Her daughter was taught how to swim by attending swimming lessons at the BOLD pool and those skills kept her calm and allowed her to save her family.

No other public comments were offered so Mayor Hawkinson reopened the regular meeting at 5:44 P.M.

AGENDA

Motion by Ebbers, second by Padrnos to approve the agenda as presented. Motion passed unanimously.

CONSENT AGENDA

Motion by Baumgartner, second by Ferguson to approve the Consent Agenda. Motion passed unanimously.

- A) Regular Meeting Minutes of February 20, 2024
- B) Resolution 2024-30, Gambling Exempt Permit for The Pages of Our Communities Foundation
- C) Resolution 2024-31, Approving the 2024 Pay Equity Report
- D) Resolution 2024-32, Authorizing Temporary Step Increase for Jodi Gilberts
- E) Resolution 2024-33, Naming the City Administrator, Elizabeth Torkelson, as the MMPA Alternate
- F) Fire Department Purchase Request– DingesFire Quote
- G) February Disbursements

DISCUSSION / BUSINESS ITEMS

Energy Adjustment Clause Report

Jo Monson shared that on January 8th a customer called with questions about their bill. After further review, it was discovered that the energy adjustment rate was put into the electric rate by previous staff. Monson contacted software support to change the line items on the bill and add back the EAC to the utility bills. She clarified that from April 2023 to January 2024 customers were charged for EAC twice, once in the separate line item and once embedded in the electric rate. Monson stated that she continues to work on the credit amounts and plans to apply the credits and contact residents who have since moved out of the City.

Pool Presentation

Motion by Ferguson, second by Ebbers to move forward with the continuation of funding the City's half of the pool even considering the new expense models. Motion passed unanimously.

Torkelson reviewed the history of the pool while highlighting key events from 1955 to 2024. The City of Olivia's pool budget is 2% of the general fund budget, and about 13% of the park budget. Torkelson stated that the City and the School both understand that the Pool will never generate funds. Torkelson shared the rates for current programs, rentals, lessons and trainings offered at the pool. The Joint Powers Board developed questions to include in a survey that was posted on the City's Facebook page. The survey generated 325 responses from February 15th to March 3th, and Torkelson reviewed the results with Council highlighting that 72.6% of survey participants were in favor of supporting the pool. Torkelson reviewed the project scope and the costs of repairs required at the pool.

Renville County Request for Proposals for Child Care Pod Project

Motion by Padrnos, second by Baumgartner to approve the proposal for the Child Care Pod Project that Staff submitted.

Torkelson shared that the County requested a proposal from the City of Olivia regarding a child care pod project. The project will address the childcare desert that exists in our community. The project will allow home child care providers to rent a one-bedroom townhome to operate their child care out of. The Olivia EDA has offered a 10,000 forgivable loan per pod to each new provider. The City submitted a proposal donating two parcels in the Prairie View Estate. It was clarified that the County would be responsible for building and getting child care providers.

No additional items or new business items were presented.

REPORTS

Reports of Council / Staff

Torkelson reported that 72 swimmers attended the first open swim and 57 swimmers attend the second open swim. Life guarding classes will be available in March, and Water Safety Instruction will start in April. Torkelson also stated that the Presidential Primary is Tuesday, March 5th at the Public Library from 7:00 A.M. to 8:00 P.M. Torkelson will be attending the League of MN Cities Day on the Hill on March 7th, where she will be meeting with Representative Urdahl to talk about Olivia's priorities and networking. Torkelson will also be attending the Coalition of Greater Minnesota Cities Advocacy Day on the Hill on March 20th.

Padrnos shared that the Olivia Golf Course will be opening soon.

No additional reports were presented.

ADJOURNMENT

Motion by Padrnos, second by Baumgartner: to adjourn the meeting at 6:25 P.M. Motion passed unanimously.

Jon Hawkinson, Mayor

Attest: _____
Jasmine Miller, City Clerk

**CITY OF OLIVIA
RESOLUTION NO. 2024-34**

A Resolution Acknowledging the Off-Site Gambling Premises Permit Requested by the Church of St. Mary is Located within City Limits and Granting Local Approval

WHEREAS, the City of Olivia has been notified the Church of St. Mary is planning to hold a bingo event on Sunday, May 5, 2024; and

WHEREAS, the State of Minnesota requires an application, from the Minnesota Lawful Gambling Board to be completed for authorization, form LG220; and

WHEREAS, the premise location is the St. Aloysius Church, 302 South 10th Street, Olivia, Minnesota 56277; and

WHEREAS, the Olivia City Council desires to encourage the on-going work of non-profit and community-service organizations within the City; and

BE IT RESOLVED the City acknowledges receipt of LG220 Application to Conduct Off-Site Gambling to the State of Minnesota Gambling Control Board being submitted by the Church of St. Mary;

THEREFORE, BE IT FURTHER RESOLVED that the City Council of the City of Olivia has determined the off-site gambling premises for the bingo event that is to be held at the St. Aloysius Church, 302 South 10th Street, Olivia, Minnesota 56277 by the Church of St. Mary is within City Limits and is hereby approved with no waiting period by the Olivia City Council.

Adopted by the City Council of the City of Olivia this 18th day of March, 2024.

Jon Hawkinson, Mayor

ATTEST: _____
Jasmine Miller, City Clerk

LG220 Application for Exempt Permit

An exempt permit may be issued to a nonprofit organization that:

- conducts lawful gambling on five or fewer days, and
- awards less than \$50,000 in prizes during a calendar year.

If total raffle prize value for the calendar year will be \$1,500 or less, contact the Licensing Specialist assigned to your county by calling 651-539-1900.

Application Fee (non-refundable)

Applications are processed in the order received. If the application is postmarked or received 30 days or more before the event, the application fee is **\$100**; otherwise the fee is **\$150**.

Due to the high volume of exempt applications, payment of additional fees prior to 30 days before your event will not expedite service, nor are telephone requests for expedited service accepted.

ORGANIZATION INFORMATION

Organization Name: Church of St. Mary Previous Gambling Permit Number: x-65005-24-031
 Minnesota Tax ID Number, if any: _____ Federal Employer ID Number (FEIN), if any: 41-0773789
 Mailing Address: 302 South 10th Street
 City: Olivia State: MN Zip: 56277 County: Renville
 Name of Chief Executive Officer (CEO): Fr. Joseph Steinbeisser
 CEO Daytime Phone: 320-523-2030 CEO Email: frjoe@heartofjesusafc.org
 (permit will be emailed to this email address unless otherwise indicated below)
 Email permit to (if other than the CEO): saraa@heartofjesusafc.org

NONPROFIT STATUS

Type of Nonprofit Organization (check one):

Fraternal Religious Veterans Other Nonprofit Organization

Attach a copy of one of the following showing proof of nonprofit status:

(DO NOT attach a sales tax exempt status or federal employer ID number, as they are not proof of nonprofit status.)

- A current calendar year Certificate of Good Standing**
 Don't have a copy? Obtain this certificate from:
 MN Secretary of State, Business Services Division
 60 Empire Drive, Suite 100
 St. Paul, MN 55103
 Secretary of State website, phone numbers:
www.sos.state.mn.us
 651-296-2803, or toll free 1-877-551-6767
- IRS income tax exemption (501(c)) letter in your organization's name**
 Don't have a copy? To obtain a copy of your federal income tax exempt letter, have an organization officer contact the IRS toll free at 1-877-829-5500.
- IRS - Affiliate of national, statewide, or international parent nonprofit organization (charter)**
 If your organization falls under a parent organization, attach copies of both of the following:
 1. IRS letter showing your parent organization is a nonprofit 501(c) organization with a group ruling; and
 2. the charter or letter from your parent organization recognizing your organization as a subordinate.

GAMBLING PREMISES INFORMATION

Name of premises where the gambling event will be conducted (for raffles, list the site where the drawing will take place): St. Aloysius Church

Physical Address (do not use P.O. box): 302 South 10th Street

Check one:

City: Olivia Zip: 56277 County: Renville
 Township: _____ Zip: _____ County: _____

Date(s) of activity (for raffles, indicate the date of the drawing): May 5, 2024

Check each type of gambling activity that your organization will conduct:

Bingo Paddlewheels Pull-Tabs Tipboards Raffle

Gambling equipment for bingo paper, bingo boards, raffle boards, paddlewheels, pull-tabs, and tipboards must be obtained from a distributor licensed by the Minnesota Gambling Control Board. EXCEPTION: Bingo hard cards and bingo ball selection devices may be borrowed from another organization authorized to conduct bingo. To find a licensed distributor, go to www.mn.gov/gcb and click on **Distributors** under the **List of Licensees** tab, or call 651-539-1900.

LOCAL UNIT OF GOVERNMENT ACKNOWLEDGMENT (required before submitting application to the Minnesota Gambling Control Board)

<p style="text-align: center;">CITY APPROVAL for a gambling premises located within city limits</p> <p><input type="checkbox"/> The application is acknowledged with no waiting period.</p> <p><input type="checkbox"/> The application is acknowledged with a 30-day waiting period, and allows the Board to issue a permit after 30 days (60 days for a 1st class city).</p> <p><input type="checkbox"/> The application is denied.</p> <p>Print City Name: _____</p> <p>Signature of City Personnel: _____</p> <p>Title: _____ Date: _____</p> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-top: 20px;"> <p>The city or county must sign before submitting application to the Gambling Control Board.</p> </div>	<p style="text-align: center;">COUNTY APPROVAL for a gambling premises located in a township</p> <p><input type="checkbox"/> The application is acknowledged with no waiting period.</p> <p><input type="checkbox"/> The application is acknowledged with a 30-day waiting period, and allows the Board to issue a permit after 30 days.</p> <p><input type="checkbox"/> The application is denied.</p> <p>Print County Name: _____</p> <p>Signature of County Personnel: _____</p> <p>Title: _____ Date: _____</p> <p>TOWNSHIP (if required by the county) On behalf of the township, I acknowledge that the organization is applying for exempted gambling activity within the township limits. (A township has no statutory authority to approve or deny an application, per Minn. Statutes, section 349.213.)</p> <p>Print Township Name: _____</p> <p>Signature of Township Officer: _____</p> <p>Title: _____ Date: _____</p>
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CHIEF EXECUTIVE OFFICER'S SIGNATURE (required)

The information provided in this application is complete and accurate to the best of my knowledge. I acknowledge that the financial report will be completed and returned to the Board within 30 days of the event date.

Chief Executive Officer's Signature: FR Joseph Steinbeisser Date: 3-8-2024
(Signature must be CEO's signature; designee may not sign)

Print Name: FR Joseph Steinbeisser

REQUIREMENTS	MAIL APPLICATION AND ATTACHMENTS
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Complete a separate application for:

- all gambling conducted on two or more consecutive days; or
- all gambling conducted on one day.

Only one application is required if one or more raffle drawings are conducted on the same day.

Financial report to be completed within 30 days after the gambling activity is done:
A financial report form will be mailed with your permit. Complete and return the financial report form to the Gambling Control Board.

Your organization must keep all exempt records and reports for 3-1/2 years (Minn. Statutes, section 349.166, subd. 2(f)).

Mail application with:

_____ a copy of your proof of nonprofit status; and
 _____ application fee (non-refundable). If the application is postmarked or received 30 days or more before the event, the application fee is **\$100**; otherwise the fee is **\$150**. Make check payable to **State of Minnesota**.

To: Minnesota Gambling Control Board
 1711 West County Road B, Suite 300 South
 Roseville, MN 55113

Questions?
 Call the Licensing Section of the Gambling Control Board at 651-539-1900.

<p>Data privacy notice: The information requested on this form (and any attachments) will be used by the Gambling Control Board (Board) to determine your organization's qualifications to be involved in lawful gambling activities in Minnesota. Your organization has the right to refuse to supply the information; however, if your organization refuses to supply this information, the Board may not be able to determine your organization's qualifications and, as a consequence, may refuse to issue a permit. If your organization supplies the information requested, the Board will be able to process the</p>	<p>application. Your organization's name and address will be public information when received by the Board. All other information provided will be private data about your organization until the Board issues the permit. When the Board issues the permit, all information provided will become public. If the Board does not issue a permit, all information provided remains private, with the exception of your organization's name and address which will remain public. Private data about your organization are available to Board members, Board staff whose work requires access to the information; Minnesota's Depart-</p>	<p>ment of Public Safety; Attorney General; Commissioners of Administration, Minnesota Management & Budget, and Revenue; Legislative Auditor, national and international gambling regulatory agencies; anyone pursuant to court order; other individuals and agencies specifically authorized by state or federal law to have access to the information; individuals and agencies for which law or legal order authorizes a new use or sharing of information after this notice was given; and anyone with your written consent.</p>
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This form will be made available in alternative format (i.e. large print, braille) upon request.

**CITY OF OLIVIA
RESOLUTION NO. 2024-35**

**A Resolution Acknowledging the Off-Site Gambling Premises Permit Requested
by Adult Client Training Service, Inc. Located within City Limits
and Granting Local Approval**

WHEREAS, the City of Olivia has been notified Adult Client Training Service, Inc. is planning to hold a raffle event on Wednesday, July 10, 2024;

WHEREAS, the State of Minnesota requires an application, from the Minnesota Lawful Gambling Board to be completed for authorization, form LG220;

WHEREAS, the premise location is the Olivia Golf Course, 512 South 6th Street, Olivia, Minnesota 56277;

WHEREAS, the Olivia City Council desires to encourage the on-going work of non-profit and community-service organizations within the City;

BE IT RESOLVED the City acknowledges receipt of LG220 Application to Conduct Off-Site Gambling to the State of Minnesota Gambling Control Board being submitted by Adult Client Training Service, Inc;

THEREFORE, BE IT FURTHER RESOLVED that the City Council of the City of Olivia has determined the off-site gambling premises for the raffle event that is to be held at the Olivia Golf Course, 512 South 6th Street, Olivia, Minnesota 56277 by Adult Client Training Service, Inc is within City Limits and is hereby approved with no waiting period by the Olivia City Council.

Adopted by the City Council of the City of Olivia this 18th day of March, 2024.

Jon Hawkinson, Mayor

ATTEST: _____
Jasmine Miller, City Clerk

LG220 Application for Exempt Permit

An exempt permit may be issued to a nonprofit organization that:

- conducts lawful gambling on five or fewer days, and
- awards less than \$50,000 in prizes during a calendar year.

If total raffle prize value for the calendar year will be \$1,500 or less, contact the Licensing Specialist assigned to your county by calling 651-539-1900.

Application Fee (non-refundable)

Applications are processed in the order received. If the application is postmarked or received 30 days or more before the event, the application fee is **\$100**; otherwise the fee is **\$150**.

Due to the high volume of exempt applications, payment of additional fees prior to 30 days before your event will not expedite service, nor are telephone requests for expedited service accepted.

ORGANIZATION INFORMATION

Organization Name: Adult Client Training Service, Inc. Previous Gambling Permit Number: X- 95025-22-001

Minnesota Tax ID Number, if any: 951-6133 Federal Employer ID Number (FEIN), if any: 41-0912097

Mailing Address: 802 East Fairview Avenue

City: Olivia State: MN Zip: 56277 County: Renville

Name of Chief Executive Officer (CEO): Karen E. Borden

CEO Daytime Phone: (320) 523-5666 CEO Email: karenb.acts@gmail.com
(permit will be emailed to this email address unless otherwise indicated below)

Email permit to (if other than the CEO): _____

NONPROFIT STATUS

Type of Nonprofit Organization (check one):

Fraternal Religious Veterans Other Nonprofit Organization

Attach a copy of one of the following showing proof of nonprofit status:

(DO NOT attach a sales tax exempt status or federal employer ID number, as they are not proof of nonprofit status.)

- A current calendar year Certificate of Good Standing**
Don't have a copy? Obtain this certificate from:
MN Secretary of State, Business Services Division
60 Empire Drive, Suite 100
St. Paul, MN 55103
Secretary of State website, phone numbers:
www.sos.state.mn.us
651-296-2803, or toll free 1-877-551-6767
- IRS income tax exemption (501(c)) letter in your organization's name**
Don't have a copy? To obtain a copy of your federal income tax exempt letter, have an organization officer contact the IRS toll free at 1-877-829-5500.
- IRS - Affiliate of national, statewide, or international parent nonprofit organization (charter)**
If your organization falls under a parent organization, attach copies of both of the following:
1. IRS letter showing your parent organization is a nonprofit 501(c) organization with a group ruling; and
2. the charter or letter from your parent organization recognizing your organization as a subordinate.

GAMBLING PREMISES INFORMATION

Name of premises where the gambling event will be conducted
(for raffles, list the site where the drawing will take place): Olivia Golf Course

Physical Address (do not use P.O. box): 512 South 6th Street Olivia, MN 56277

Check one:

City: Olivia Zip: MN County: Renville

Township: _____ Zip: _____ County: _____

Date(s) of activity (for raffles, indicate the date of the drawing): July 10, 2024

Check each type of gambling activity that your organization will conduct:

Bingo Paddlewheels Pull-Tabs Tipboards Raffle

Gambling equipment for bingo paper, bingo boards, raffle boards, paddlewheels, pull-tabs, and tipboards must be obtained from a distributor licensed by the Minnesota Gambling Control Board. EXCEPTION: Bingo hard cards and bingo ball selection devices may be borrowed from another organization authorized to conduct bingo. To find a licensed distributor, go to www.mn.gov/gcb and click on **Distributors** under the **List of Licensees** tab, or call 651-539-1900.

LG220 Application for Exempt Permit

LOCAL UNIT OF GOVERNMENT ACKNOWLEDGMENT (required before submitting application to the Minnesota Gambling Control Board)

CITY APPROVAL for a gambling premises located within city limits

- The application is acknowledged with no waiting period.
- The application is acknowledged with a 30-day waiting period, and allows the Board to issue a permit after 30 days (60 days for a 1st class city).
- The application is denied.

Print City Name: _____

Signature of City Personnel: _____

Title: _____ Date: _____

COUNTY APPROVAL for a gambling premises located in a township

- The application is acknowledged with no waiting period.
- The application is acknowledged with a 30-day waiting period, and allows the Board to issue a permit after 30 days.
- The application is denied.

Print County Name: _____

Signature of County Personnel: _____

Title: _____ Date: _____

TOWNSHIP (if required by the county)

On behalf of the township, I acknowledge that the organization is applying for exempted gambling activity within the township limits. (A township has no statutory authority to approve or deny an application, per Minn. Statutes, section 349.213.)

Print Township Name: _____

Signature of Township Officer: _____

Title: _____ Date: _____

**The city or county must sign before
submitting application to the
Gambling Control Board.**

CHIEF EXECUTIVE OFFICER'S SIGNATURE (required)

The information provided in this application is complete and accurate to the best of my knowledge. I acknowledge that the financial report will be completed and returned to the Board within 30 days of the event date.

Chief Executive Officer's Signature: *Karen E. Borden* Date: 3/1/2024
(Signature must be CEO's signature; designee may not sign)

Print Name: Karen E. Borden

REQUIREMENTS

Complete a separate application for:

- all gambling conducted on two or more consecutive days; or
- all gambling conducted on one day.

Only one application is required if one or more raffle drawings are conducted on the same day.

Financial report to be completed within 30 days after the gambling activity is done:

A financial report form will be mailed with your permit. Complete and return the financial report form to the Gambling Control Board.

Your organization must keep all exempt records and reports for 3-1/2 years (Minn. Statutes, section 349.166, subd. 2(f)).

MAIL APPLICATION AND ATTACHMENTS

Mail application with:

- _____ a copy of your proof of nonprofit status; and
- _____ application fee (non-refundable). If the application is postmarked or received 30 days or more before the event, the application fee is **\$100**; otherwise the fee is **\$150**. Make check payable to **State of Minnesota**.

To: Minnesota Gambling Control Board
1711 West County Road B, Suite 300 South
Roseville, MN 55113

Questions?

Call the Licensing Section of the Gambling Control Board at 651-539-1900.

Data privacy notice: The information requested on this form (and any attachments) will be used by the Gambling Control Board (Board) to determine your organization's qualifications to be involved in lawful gambling activities in Minnesota. Your organization has the right to refuse to supply the information; however, if your organization refuses to supply this information, the Board may not be able to determine your organization's qualifications and, as a consequence, may refuse to issue a permit. If your organization supplies the information requested, the Board will be able to process the

application. Your organization's name and address will be public information when received by the Board. All other information provided will be private data about your organization until the Board issues the permit. When the Board issues the permit, all information provided will become public. If the Board does not issue a permit, all information provided remains private, with the exception of your organization's name and address which will remain public. Private data about your organization are available to Board members, Board staff whose work requires access to the information; Minnesota's Depart-

ment of Public Safety; Attorney General; Commissioners of Administration, Minnesota Management & Budget, and Revenue; Legislative Auditor, national and international gambling regulatory agencies; anyone pursuant to court order; other individuals and agencies specifically authorized by state or federal law to have access to the information; individuals and agencies for which law or legal order authorizes a new use or sharing of information after this notice was given; and anyone with your written consent.

This form will be made available in alternative format (i.e. large print, braille) upon request.

EXHIBIT B

City of Olivia

RESOLUTION 2024-36

IT IS RESOLVED that the City of Olivia enter into Limited Use Permit No. 6508-0006 with the State of Minnesota, Department of Transportation for the following purposes:

To provide for maintenance and use by the City of Olivia upon, along and adjacent to Trunk Highway No. 71 and the limits of which are defined in said Limited Use Permit.

IT IS FURTHER RESOLVED by the administrator of the City of Olivia, Minnesota that the Mayor and the City Council are authorized to execute the Limited Use Permit.

CERTIFICATION

I certify that the above Resolution is an accurate copy of the Resolution adopted by the City Council of the _____, Minnesota at an authorized meeting held on the _____ day of _____, 2024, as shown by the minutes of the meeting in my possession.

Subscribed and sworn to before me this _____ day of _____, 2024
Notary Public _____
My Commission Expires _____
NOTARY STAMP

(Signature)
(Type or Print Name)
(Title)
(Signature)
(Type or Print Name)
(Title)

C.S. 6508 (T.H. 71)
LUP # 6508-0006

**STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION
AMENDMENT OF LIMITED USE PERMIT
AMENDMENT #1**

C.S. 6508 (TH 71)
County of Renville
LUP #6508-0006
Permittee: City of Olivia
Expiration Date: 7/20/2031

The State of Minnesota, Department of Transportation (“MnDOT”) and the City of Olivia (“Permittee”) entered into Limited Use Permit No. 6508-0006 (“LUP”) involving the construction, maintenance and operation of a Facility as further described in the LUP.

The parties desire to add a segment of a trail to the parties deem certain amendments and additional terms and conditions mutually beneficial for effective continuation of said LUP.

NOW THEREFORE

MnDOT and Permittee agree to amend the LUP with the substitution of the following terms and conditions which shall become part of the LUP.

1. Effective on 3/11/2024, MnDOT and Permittee agree an additional segment is to be added to the definition of the Facility and Area. Therefore, Exhibit A is deleted, and the attached Exhibit A is substituted therefor.

1. Effective on 3/11/2024, Exhibit B-1 is added to this LUP.

2. Except as specifically provided herein, the terms and conditions of the LUP are confirmed and continued in full force and effect. By this Amendment the terms and conditions herein incorporated into the LUP.

PERMITTEE
CITY OF OLIVIA

Signature _____

Print Name _____

Title _____

Date _____

Signature _____

Print Name _____

Title _____

Date _____

MINNESOTA DEPARTMENT
OF TRANSPORTATION
RECOMMENDED FOR APPROVAL

By: _____
District Engineer

Date _____

APPROVED BY:
COMMISSIONER OF TRANSPORTATION

By: _____
Director, Office of Land Management

Date _____

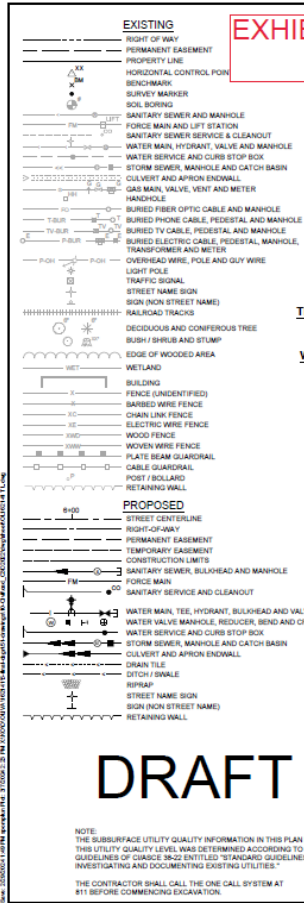


EXHIBIT A

MINNESOTA DEPARTMENT OF TRANSPORTATION RENVILLE COUNTY OLIVIA, MINNESOTA

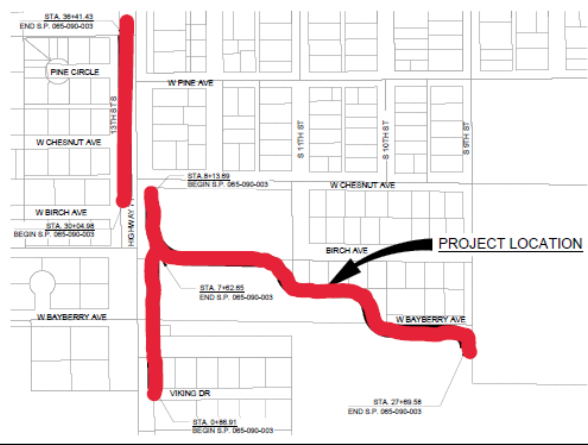
TRAIL PROJECT: AGGREGATE BASE, BITUMINOUS TRAIL, GRADING, AND STORM SEWER

SP 065-090-003

GEOGRAPHIC DESCRIPTION:

TRAIL: FROM HIGHWAY 71 AT CHESTNUT AVENUE EAST TO EXISTING TRAIL CONNECTION AT THE INTERSECTION OF 9TH STREET AND BAYBERRY AVENUE.
SOUTH TRAIL: FROM VIKING DRIVE NORTH 676 FEET TO TRAIL
WEST TRAIL: FROM CHESTNUT AVENUE NORTH 637 FEET TO CROSSING AT FRONTAGE ROAD AND EXISTING PEDESTRIAN SIDEWALK

LEGAL DESCRIPTION:
TRAIL - BEGINNING AT 16FT SOUTH OF CHESTNUT AVE AND PARALLEL TO HIGHWAY 71 TO A POINT 125 FEET SOUTH OF THE INTERSECTION OF BAYBERRY AVENUE AND 9TH ST. LOCATED IN THE CITY OF OLIVIA, RENVILLE COUNTY, MINNESOTA SECT 18, TOWNSHIP 115 NORTH RANGE 34 WEST.
SOUTH TRAIL - BEGINNING AT VIKING DRIVE AND PARALLEL TO HIGHWAY 71 TO 165 FEET SOUTH EASTERLY OF BIRCH AVENUE WEST. LOCATED IN THE CITY OF OLIVIA, RENVILLE COUNTY, MINNESOTA.
WEST TRAIL - BEGINNING AT CHESTNUT AVENUE ALONG HIGHWAY 71 TO 100 FEET NORTH OF PINE CIRCLE. LOCATED IN THE CITY OF OLIVIA, RENVILLE COUNTY, MINNESOTA.



DRAFT

NOTE:
 THE SUBSURFACE UTILITY QUALITY INFORMATION IN THIS PLAN IS LEVEL D.
 THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CHARGE 36-2 ENTITLED "STANDARD GUIDELINES FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES".
 THE CONTRACTOR SHALL CALL THE ONE CALL SYSTEM AT 811 BEFORE COMMENCING EXCAVATION.

MINN. PROJ. NO. TA XXXX(XXX)	
GOVERNING SPECIFICATIONS THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION DESIGN SPECIFICATIONS FOR CONSTRUCTION SHALL GOVERN EXCEPT AS MODIFIED BY THE SPECIFICATIONS FOR THIS PROJECT. ALL DESIGN CONDITIONS UNLESS SHOWN TO THE CONTRARY SHALL BE IN ACCORDANCE WITH THE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.	
INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL LOCATION
3	STATEMENT OF ESTIMATED QUANTITIES
4	CONSTRUCTION NOTES
5 - 6	TABLETS
9 - 15	DETAILS
17 - 19	TYPICAL SECTIONS
20 - 24	ALIGNMENT PLAN
25 - 33	REMOVALS
34 - 35	PLANS & PROFILE
36 - 37	PEDESTRIAN INTERSECTION DETAILS
38 - 39	SWPPP
40 - 41	EROSION CONTROL
42 - 46	TRAFFIC CONTROL
47 - 54	SIGNING AND STRIPPING
	CROSS SECTIONS
THIS PLAN CONTAINS 54 SHEETS.	
DESIGN DESIGNATION	
STOPPING SIGHT DISTANCE BASED ON: 4.5' HEIGHT OF EYE 0' HEIGHT OF OBJECT	
SAFE ROUTES TO SCHOOL TRAIL PHASE B SP 065-090-003	
TRAIL	1,976 FEET
SOUTH TRAIL	676 FEET
WEST TRAIL	637 FEET
DESIGN SPEED	30 M.P.H.
APPROVED:	DATE
OLIVIA CITY ENGINEER	
APPROVED:	DATE
RENVILLE COUNTY ENGINEER	
RECOMMENDED FOR APPROVAL:	DATE
DISTRICT STATE AID ENGINEER (REQUIRED FOR COMPLIANCE WITH STATE AID AND/OR FEDERAL AID REGULATIONS)	
RECOMMENDED FOR APPROVAL:	DATE
APPROVED FOR STATE AID AND/OR FEDERAL AID (FOR STATE AID ENGINEER)	
Know what's below. Call before you dig.	
PROJECT NO. OLIVIA 182141	1 of 54
SP 065-090-003	



REMOVALS: SHEET 24
PLAN & PROFILE: SHEET 33

PINE CIRCLE

WEST TRAIL
STATION 36+41.43
END SP 065-090-003

PINE AVE

12TH STREET

CHESTNUT AVE W

REMOVALS: SHEET 24
PLAN & PROFILE: SHEET 32

REMOVALS: SHEET 20
PLAN & PROFILE: SHEET 25

CHESTNUT AVE

BIRCH AVE W

WEST TRAIL
STATION 30+4.98
BEGIN SP 065-090-003

TRAIL
STATION 8+13.69
BEGIN SP 065-090-003

REMOVALS: SHEET 21
PLAN & PROFILE: SHEET 26

SOUTH TRAIL
STATION 07+62.65
END SP 065-090-003

11TH STREET

REMOVALS: SHEET 21
PLAN & PROFILE: SHEET 27

BIRCH AVE

BAYBERRY AVE W

REMOVALS: SHEET 23
PLAN & PROFILE: SHEET 31

REMOVALS: SHEET 22
PLAN & PROFILE: SHEET 28

REMOVALS: SHEET 22
PLAN & PROFILE: SHEET 29

REMOVALS: SHEET 23
PLAN & PROFILE: SHEET 30

SOUTH TRAIL
STATION 00+86.91
BEGIN SP 065-090-003

BAYBERRY AVE

TRAIL
STATION 27+69.58
END SP 065-090-003

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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	KLL	.		
Designed By	KLL	.		
Checked By	JLB	.		



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

GENERAL LAYOUT
SP 065-090-003

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STATEMENT OF ESTIMATED QUANTITIES						
SP 065-090-003						
SHEET NO.	TAB	ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	COMMENTS
		2021.501	MOBILIZATION	LUMP SUM	1	
5	B	2101.524	GRUBBING	EACH	16	
5	A	2104.502	SALVAGE SIGN TYPE C	EACH	2	
5	A	2104.503	REMOVE CURB & GUTTER	LIN FT	32	
5	A	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	382	
5	A	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	365	
5	A	2104.507	REMOVE AGGREGATE SURFACE	CU YD	23	
6	E	2106.507	EXCAVATION - COMMON (EV) (P)	CU YD	1143	PLAN QUANTITY
6	E	2106.507	COMMON EMBANKMENT (CV) (P)	CU YD	380	PLAN QUANTITY
6	E	2108.504	GEOTEXTILE FABRIC TYPE 5 (NON-WOVEN)	SQ YD	3291	12' WIDE UNDER TRAIL (PER TYP SECT)
6	E	2108.504	GEOGRID NX-750	SQ YD	3291	12' WIDE UNDER TRAIL (PER TYP SECT)
16	-	2112.529	SUBGRADE PREPARATION	ROAD STA	24.5	
6	E	2118.507	AGGREGATE SURFACING CLASS 5 (CV)	CU YD	55	
6	E	2211.507	AGGREGATE BASE, CLASS 5 (CV) (P)	CU YD	740	
7	G	2301.602	DRILL & GROUT DOWEL BAR (EPOXY COATED)	EACH	18	
6	E	2360.509	TYPE SP 9.5 WEARING COURSE MIX (2,B) (SPWEA240B)	TON	719	TACK COAT INCIDENTAL
6, 8	D, I	2502.503	8" HDPE PIPE SEWER	LIN FT	320	
6, 8	D, I	2502.503	10" HDPE PIPE SEWER	LIN FT	691	
6, 8	D, I	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	2	PIPE
6, 8	D, I	2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	2	CATCH BASINS
6	D	2506.502	ADJUST FRAME AND RING CASTING (SANITARY)	EACH	2	SANITARY SEWER MANHOLES
8	I	2506.502	CASTING ASSEMBLY SPECIAL 1	EACH	1	STORM CASTING NEENAH R1733 OR EQUAL
8	I	2506.502	CASTING ASSEMBLY SPECIAL 2	EACH	8	STORM CASTING NEENAH R4342 OR EQUAL
8	I	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	27.4	
8	I	2506.603	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL	LIN FT	4.8	
7	G	2521.518	4" CONCRETE WALK W/4" AGGREGATE BASE	SQ FT	226	
7	G	2521.518	6" CONCRETE WALK W/6" AGGREGATE BASE (PEDESTRIAN RAMP & LANDING AREA)	SQ FT	467	PEDESTRIAN RAMPS & LANDING AREAS
7	G	2531.503	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	10	
7	G	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	12	
7	G	2531.618	TRUNCATED DOMES	SQ FT	60	
6	D	2550.602	CORE DRILLED HOLE	EACH	2	10-INCH AND 12-INCH DIAMETER
7	H	2563.601	TRAFFIC CONTROL	LUMP SUM	1	
46	K	2564.502	INSTALL SIGN PANEL TYPE C	EACH	16	
46	K	2564.518	SIGN PANELS TYPE C	SQ FT	50	
7	F	2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1	
7	F	2573.502	STORM DRAIN INLET PROTECTION	EACH	22	
7	F	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	300	
7	F	2573.603	SEDIMENT CONTROL LOG TYPE SPECIAL (DITCH CHECK)	LIN FT	165	
7	F	2575.504	TURF RESTORATION	SQ YD	5332	
7	F	2575.607	TOPSOIL BORROW (LV)	CU YD	200	
46	J	2582.502	12" CROSSWALK STRIPING	LIN FT	170	12" SOLID LINE, PAINT, WHITE

SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	DDM, KLL	.		
Designed By	DDM, KLL	.		
Checked By	JLB	.		



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

STATEMENT OF
ESTIMATED QUANTITIES
SP 065-090-003

GENERAL NOTES

CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL FOR ALL PHASES OF WORK. TRAFFIC CONTROL SHALL CONFORM TO THE MOST RECENT EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND FIELD MANUAL.

ITEMS REMOVED BY CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OUTSIDE OF THE PROJECT LIMITS, IN ACCORDANCE WITH THE PROVISIONS OF SPEC 2104 AND 2105.

WHERE MATCHING INTO EXISTING ROADWAYS, CUT VERTICALLY TO THE BOTTOM OF THE SURFACING AND THEN AT A 1:20 TAPER TO THE BOTTOM OF THE RECOMMENDED SUBGRADE EXCAVATION.

PRIOR TO REMOVAL OF BITUMINOUS SURFACE AND CURB AND GUTTER, THE CONTRACTOR SHALL TAKE ALL POSSIBLE MEASURES NECESSARY, AND AS DIRECTED BY THE ENGINEER, TO ALLOW DRAINAGE OF DISTURBED AREAS.

QUALITY CONTROL INCLUDING COMPACTION TESTING SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS

TEMPORARY STOCKPILING OF EXCAVATION, EMBANKMENT AND/OR BORROW MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT FOR WHICH NO DIRECT COMPENSATION WILL BE MADE.

ALL SIDEWALKS AND CURB RAMPS SHALL CONFORM WITH THE MOST CURRENT ADA REQUIREMENTS.

PROVIDE A UNIFORM BITUMINOUS TACK COAT BETWEEN EACH LIFT. THE TACK COAT SHALL BE IN ACCORDANCE WITH MN/DOT SPECIFICATION 2357.

WARNING NOTE

CONTRACTOR SHALL CONTACT "GOPHER ONE" FOR LOCATION OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, VALVES, MANHOLES, OR OTHER BURIED STRUCTURE BEFORE DIGGING (1-800-252-1166).

CONTRACTOR SHALL REPAIR ANY OF THE ABOVE WHICH ARE REMOVED OR DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

CONTRACTOR SHALL WORK AROUND ALL PRIVATE UTILITIES NOT MARKED AS RELOCATE BY OTHERS.

GOVERNING SPECIFICATION

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN, INCLUDING APPLICABLE TECHNICAL MEMORANDUMS.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND FIELD MANUAL.

GRADING NOTES

ONLY SUITABLE MATERIAL AS APPROVED BY THE ENGINEER SHALL BE USED FOR TRAIL CONSTRUCTION.

UNSUITABLE AND UNSTABLE MATERIAL SHALL BE REMOVED FROM STREET AND TRAIL AREAS.

SALVAGE, STOCKPILE, AND PLACE ALL EXISTING TOPSOIL PRIOR TO IMPORTING TOPSOIL BORROW. USE SALVAGED TOPSOIL IN SEEDED AREAS FIRST.

TOPSOIL STRIPPING WILL BE CONSIDERED "COMMON EXCAVATION"

EXCESS GRADING MATERIAL NOT USED ON THE PROJECT SHALL BECOME PROPERTY OF THE CONTRACTOR AND IMMEDIATELY HAULED OFFSITE FOR DISPOSAL

ENGINEER TO DETERMINE LOCATION OF STABILIZED CONSTRUCTION EXIT IN FIELD.

SUBSURFACE UTILITY QUALITY LEVEL

THE SUBSURFACE UTILITY QUALITY INFORMATION IN THIS PLAN IS LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDLINES OF CIVASCE 38-22 ENTITLED "STANDARD GUIDELINES FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES."

THE CONTRACTOR SHALL CALL THE ONE CALL SYSTEM AT 811 BEFORE COMMENCING EXCAVATION.

AFFECTED UTILITY COMPANIES:
ARVIG, CENTER POINT ENERGY, CENTURY LINK / LUMEN, MEDIACOM, NUVERA, MISSOURI RIVER ENERGY

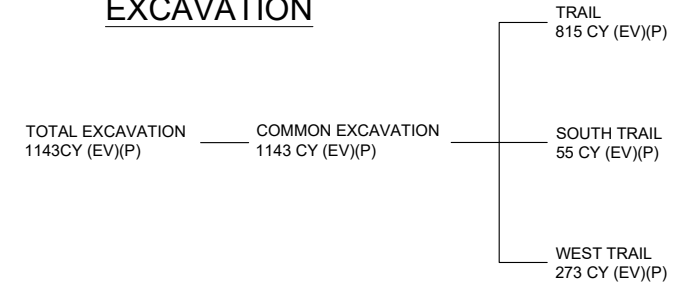
BASIS OF ESTIMATED QUANTITIES		
2360.509	SPWEA230B	118 LBS/SQ YD/INCH
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	0.05 GAL/SQ YD

STANDARD PLATES	
PLATE NO.	DESCRIPTION
7038 A	DETECTABLE WARNING SURFACE TRUNCATED DOMES
7100 H	CONCRETE CURB AND GUTTER, DESIGN B & V
8000 K	TEMPORARY CHANNELIZERS

THE ABOVE STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT.

EARTHWORK SUMMARY

EXCAVATION



EARTHWORK SUMMARY NOTES

COMMON EXCAVATION QUANTITY INCLUDES EXCAVATION OF ALL MATERIAL BELOW EXISTING SURFACE.

PLACEMENT OF ALL EXCAVATED MATERIAL (TOPSOIL, SUITABLE EXCAVATION MATERIAL AND AGGREGATE BASE) SHALL BE INCIDENTAL TO COMMON EXCAVATION.

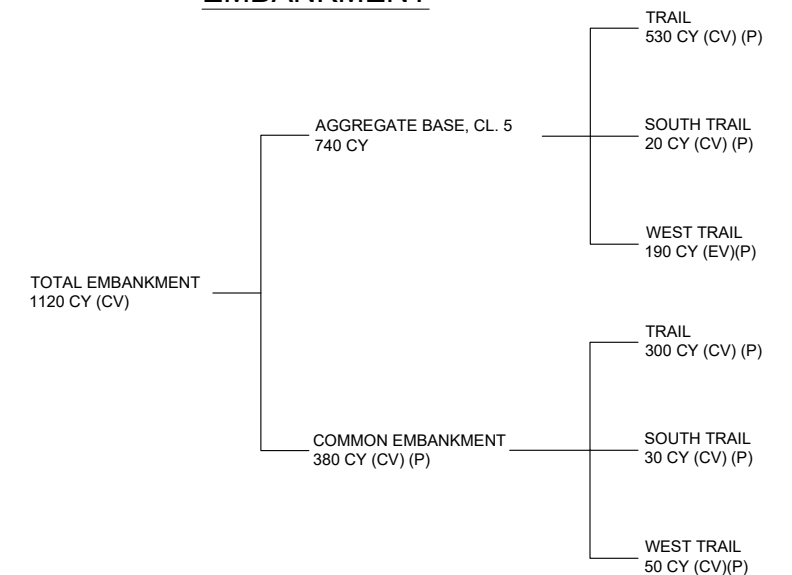
IT IS ASSUMED THERE IS 8 INCHES OF IN-PLACE AGGREGATE BASE BENEATH BITUMINOUS PAVEMENT IN THE S 9TH ST & W BAYBERRY AVE INTERSECTION. IT IS ASSUMED THERE IS 2 FEET OF TOPSOIL IN AREAS WHERE BITUMINOUS TRAIL IS TO BE CONSTRUCTED. IT IS ASSUMED THERE IS 6 INCHES OF TOPSOIL IN AREAS WHERE CONCRETE WALK IS TO BE CONSTRUCTED.

130% SHRINKAGE FACTOR USED FROM LOOSE VOLUME (LV) TO COMPACTED VOLUME (CV). 115% EXPANSION FACTOR USED FROM EXCAVATED VOLUME (EV) TO LOOSE VOLUME (LV).

AGGREGATE BASE QUANTITY BASED ON COMPUTED STREET PAVEMENT AND CURB SECTION AREAS.

(P) DENOTES A PLAN QUANTITY ITEM

EMBANKMENT



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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	KLL	.		
Designed By	KLL	.		
Checked By	JLB	.		



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

CONSTRUCTION NOTES
SP 065-090-003

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A - REMOVALS & SAWCUTS							
STATION TO STATION	LOCATON	SPEC. 2104 SALVAGE SIGN	SPEC. 2104 SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SPEC. 2104 REMOVE CURB & GUTTER	SPEC. 2104 REMOVE BITUMINOUS PAVEMENT	SPEC. 2104 REMOVE BITUMINOUS TRAIL PAVEMENT	SPEC. 2104 REMOVE AGGREGATE SURFACING
		EACH	LIN FT	LIN FT	SQ YD	SQ YD	CU YD
TRAIL							
18+41.49	10.59 LT	1					
23+15.92	16.25 RT	1					
23+56.22 TO 26+69.00	10.26 LT TO 14.86 LT		315				
27+29.29 TO 27+33.38	7.68 LT TO 16.46 LT		10				
27+69.07 TO 27+70.04	4.99RT TO 4.97 LT		10				
17+05.69 TO 17+11.40	64.00LT TO 57.34 LT			12			
23+02.93 TO 23+09.65	3.93 LT TO 11.79 LT			10			
23+42.43	27.1 LT TO 37.1 LT			10			
23+59.10 TO 26+68.31	4.33 LT TO 15.97 LT				305		
27+31.42 TO 27+69.58	12.05 LT TO 0.00					45	
8+15.55 TO 10+00.00	5.00 LT TO 5.00 RT						17
SUBTOTAL		2	335	32	305	45	17
SOUTH TRAIL							
0+86.91 TO 7+00.00	5 LT TO 5 RT						6
SUBTOTAL		0	0	0	0	0	6
WEST TRAIL							
36+12.78 TO 36+46.00	11.00 LT TO 12.44 RT		47				
36+21.34 TO 36+43.47	10.77 LT TO 5.34 LT				15		
SUBTOTAL		0	47	0	15	0	0
PROJECT ITEM TOTALS		2	382	32	320	45	23

B - GRUBBING		
STATION TO STATION	LOCATION	SPEC. 2101 GRUBBING TREE
TRAIL		
22+91.53	3.47 RT	1
SUBTOTAL		1
SOUTH TRAIL		
SUBTOTAL		0
WEST TRAIL		
30+43.29	4.85 RT	1
30+82.07	5.30 RT	1
31+13.37	4.61 RT	1
31+44.02	5.46 RT	1
31+77.01	3.52 RT	1
32+10.62	1.88 RT	1
32+47.80	2.77 RT	1
32+82.37	6.32 RT	1
33+16.74	4.93 RT	1
33+55.41	5.71 RT	1
33+88.70	6.75	1
34+23.99	4.52 RT	1
34+57.78	0	1
35+32.79	5.11 RT	1
35+63.97	2.61 LT	1
SUBTOTAL		15
PROJECT ITEM TOTALS		16

C- PRIVATE UTILITIES		
STATION TO STATION	LOCATION	DO NOT DISTURB
TRAIL		
8+43.72	22.28 LT	1
8+56.10	22.43 LT	1
8+67.35	21.49 LT	1
10+71.25	21.65 RT	1
22+92.98	14.46 LT	1
23+13.07	23.14 LT	1
23+46.52	38.86 LT	1
SUBTOTAL		7
SOUTH TRAIL		
SUBTOTAL		0
WEST TRAIL		
35+50.57	7.22 LT	1
SUBTOTAL		1
PROJECT ITEM TOTALS		8



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

TABULATIONS
SP 065-090-003

F - TEMPORARY EROSION CONTROL							
STATION TO STATION	LOCATION	SPEC. 2573 STORM DRAIN INLET PROTECTION	SPEC. 2573 SEDIMENT CONTROL LOG TYPE WOOD FIBER	SPEC. 2573 SEDIMENT CONTROL LOG TYPE SPECIAL (DITCH CHECK)	SPEC. 2573 STABILIZED CONSTRUCTION EXIT	SPEC. 2575 TURF ESTABLISHMENT	SPEC. 2582 TOPSOIL BORROW (LV)
		EACH	LIN FT	LIN FT	LUMP SUM	SQ YD	CU YD
TRAIL							
9+47.29	19.73 RT	1					
9+47.83	9.33 LT	1					
10+80.69	10.79 LT	1					
11+85.98	10.31 LT	1					
16+82.36	19.61 LT	1					
17+05.49	65.15 LT	1					
17+15.06	91.71 LT	1					
17+17.65	101.24 LT	1					
17+18.73	21.12 LT	1					
18+55.77	16.34 LT	1					
21+86.20	47.03 LT	1					
22+93.87	14.58 RT	1					
23+41.63	32.41 LT	1					
26+60.72	57.99 LT	1					
26+75.93	77.06 LT	1					
26+81.80	24.87 LT	1					
11+30.21 TO 11+92.87	81.45 RT TO 17.74 RT		100				
18+31.97 TO 19+11.54	45.51 RT TO 19.97 RT		100				
23+ 43.59 TO 24+18.56	52.34 RT TO 22.03 RT		100				
8+33.34	17.19 RT			15			
17+17.75	75.00 LT				1		
8+13.69 TO 27+69.58	10.00 RT TO 10.00 LT					4290	
SUBTOTAL		16	300	15	1	4290	0
SOUTH TRAIL							
6+97.77	33.24 RT	1					
6+94.80	22.51 LT	1					
1+60.71	25.27 LT			15			
3+19.83	23.35 LT			15			
4+99.88	19.29 LT			15			
6+05.53	25.03 LT			15			
0+86.91	10.00 LT				1		
0+86.91 TO 07+62.65	10.00 RT TO 10.00 LT					347	
SUBTOTAL		2	0	60	1	347	0
WEST TRAIL							
31+83.70	22.14 RT	1					
33+61.97	20.72 RT	1					
34+85.43	12.38 RT	1					
36+32.81	21.68 RT	1					
29+70.04	25.72 RT			15			
30+77.36	22.68 RT			15			
32+59.69	24.20 RT			15			
34+43.63	19.13 RT			15			
35+72.38	19.84 RT			15			
36+37.32	19.99 RT			15			
36+41.43	5.00 RT				1		
30+04.98 TO 36+41.43	10.00 RT TO 10.00 LT					695	200
SUBTOTAL		4	0	90	1	695	200
PROJECT ITEM TOTALS		22	300	165	3	5332	200

NOTE: TOPSOIL BORROW FOR WEST TRAIL FROM STATION 30+05 TO 36+27; ALL OTHER AREAS USE SALVAGED MATERIAL.

G - CONCRETE								
STATION TO STATION	LOCATION	SPEC. 2521 4" CONC WALK	SPEC 2521 6" CONC WALK (PED RAMP)	SPEC 2521 6" CONC LANDING AREA	SPEC. 2531 TRUNCATED DOMES	SPEC 2531 CONC CURB & GUTTER B618	SPEC 2531 CONC CURB & GUTTER B624	SPEC. 2301 DRILL & GROUT DOWL BAR (EPOXY COATED)
		SQ FT	SQ FT	SQFT	SQ FT	LIN FT		EACH
TRAIL								
26+99.45 TO 27+08.78	5.00 LT TO 27.85 LT	226						
17+03.07 TO 17+08.30	49.06 LT TO 59.54 LT		95		20			
17+05.69 TO 17+11.40	64.00LT TO 57.34 LT						12	2
23+42.43	27.1 LT TO 37.1 LT					10		4
SUBTOTAL		226.0	95.0	0.0	20.0	10.0	12.0	6.0
SOUTH TRAIL								
0+86.91 TO 97.10	5 RT TO 5 LT		102		20			
SUBTOTAL		0.0	102.0	0.0	20.0	0.0	0.0	0.0
WEST TRAIL								
36+29.40 to 36+41.43	5 RT TO 5 LT		120		20			
30+05.00 TO 30+10.00	5 RT TO 5 LT			50				4
34+65.64 TO 34+70.76	5 RT TO 5 LT			50				4
34+80.52 TO 34+85.53	5 RT TO 5 LT			50				4
SUBTOTAL		0.0	120.0	150.0	20.0	0.0		12.0
PROJECT ITEM TOTALS		226.0	317.0	150.0	60.0	10.0	12.0	18.0

H - TRAFFIC CONTROL SIGNS				
STATION TO STATION	LOCATION	TYPE III BARRICADE	TRAFFIC CONTROL SIGN	
			A - ROAD WORK AHEAD	B - ROAD CLOSED AHEAD
		EACH	EACH	EACH
TRAIL				
7+55.30	90.0 LT		1	
8+14.38	0.00	1		
16+79.32	134.77LT		1	
17+06.90	76.93 LT	2		
26+64.32	91.72 LT			1
27+07.79	36.79 LT	1		
27+97.45	0.00	1		
SUBTOTAL		5	2	1
SOUTH TRAIL				
0+00.00	39.00 LT		1	
0+82.47	47.40 RT		1	
0+82.89	0.00	1		
4+13.59	19.39 LT	1		
SUBTOTAL		2	2	0
WEST TRAIL				
30+02.83	0.00	1		
34+75.67	21.00 LT	1		
34+75.39	40.25 RT	1		
36+40.21	0.00	1		
37+02.94	76.64 RT		1	
SUBTOTAL		4	1	0
PROJECT ITEM TOTALS		11	5	1

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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	KLL	.		
Designed By	KLL	.		
Checked By	JLB	.		



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

TABULATIONS
SP 065-090-003

I - STORM SEWER SCHEDULE

STRUCTURE	ALIGN.	STATION	OFFSET	DRAINS TO	TOP OF CASTING ELEVATION	INVERT ELEVATION	TO INVERT ELEVATION	GRADE %	8" HDPE PIPE SEWER		STRUCTURE TYPE AND PAY HEIGHT		CONNECT TO EXISTING		CASTING TYPE		COMMENTS
									LIN FT	LIN FT	TYPE 2 CB	DESIGN H	CB	PIPE	1	2	
									EACH		EACH		EACH		EACH		
TRAIL																	
ST-44	TRAIL	10+80.77	11.0 LT	EX ST-56	1071.35	1068.54	1067.91	0.50	126			2.84	1			1	CORE DRILL (10")
ST-43	TRAIL	11+84.69	11.1 LT	ST-44	1071.39	1069.03	1068.54	0.50	99			2.39				1	
ST-51	TRAIL	16+81.95	19.10 LT	ST-49	1075.62	1071.85	1071.62	0.50	46			3.80				1	
ST-49	TRAIL	17+19.26	20.30 LT	EX ST-57	1075.13	1071.62	1071.38	0.50	49			3.54	1			1	
ST-30	TRAIL	18+54.42	16.70 LT	EX ST-58	1075.47	1071.71	1071.18	0.40		132		3.79		1		1	CONNECT TO EXISTING 12' RCP
ST-29	TRAIL	21+87.04	48.60 LT	ST-30	1076.00	1073.14	1071.71	0.40		358		2.89				1	
ST-28	TRAIL	22+93.69	14.90 RT	ST-29	1075.58	1073.69	1073.14	0.40		137		1.92				1	
ST-27	TRAIL	23+42.46	32.10 LT	ST-28	1078.60	1074.01	1073.69	0.50		64	4.79				1		CB IN CURB ON BAYBERRY
SUBTOTAL									320	691	4.79	21.17	2	1	1	7	
SOUTH TRAIL																	
ST-47	SOUTH TRAIL	11+34.48	54.20 RT	EX PIPE	1072.03	1065.82						6.24		1		1	CONNECT TO EXISTING DRAIN TILE; FIELD VERIFY DEPTH & LOCATION
SUBTOTAL									0	0	0	6.24	0	1	0	1	
TOTAL									320	691	4.8	27.4	2	2	1	8	

CASTING ASSEMBLY SPECIAL 1 (STORM) SHALL BE NEENAH R-3067-L, DETER 2047-L, OR APPROVED EQUAL
 CASTING ASSEMBLY SPECIAL 2 (STORM) SHALL BE NEENAH R-4342 OR APPROVED EQUAL

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Drawn By	KLL	.		
Designed By	KLL	.		
Checked By	JLB	.		

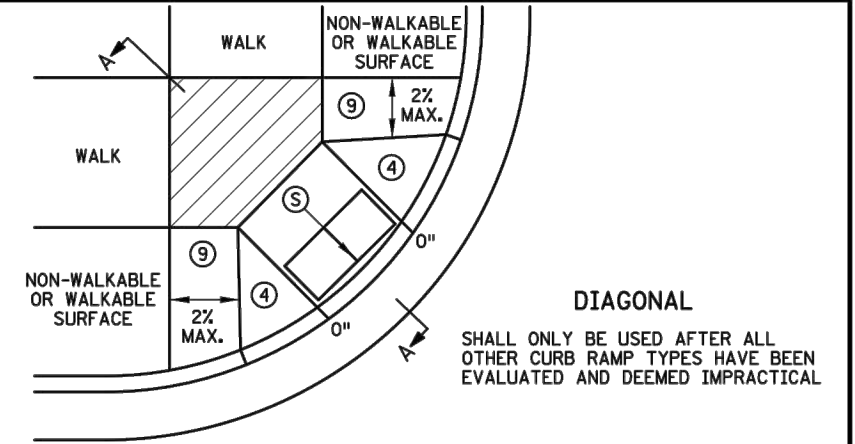
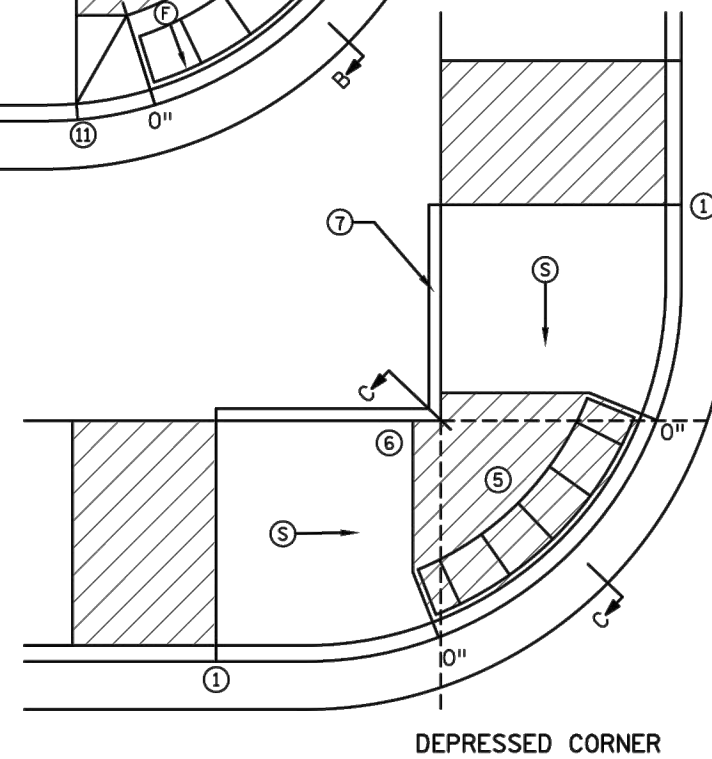
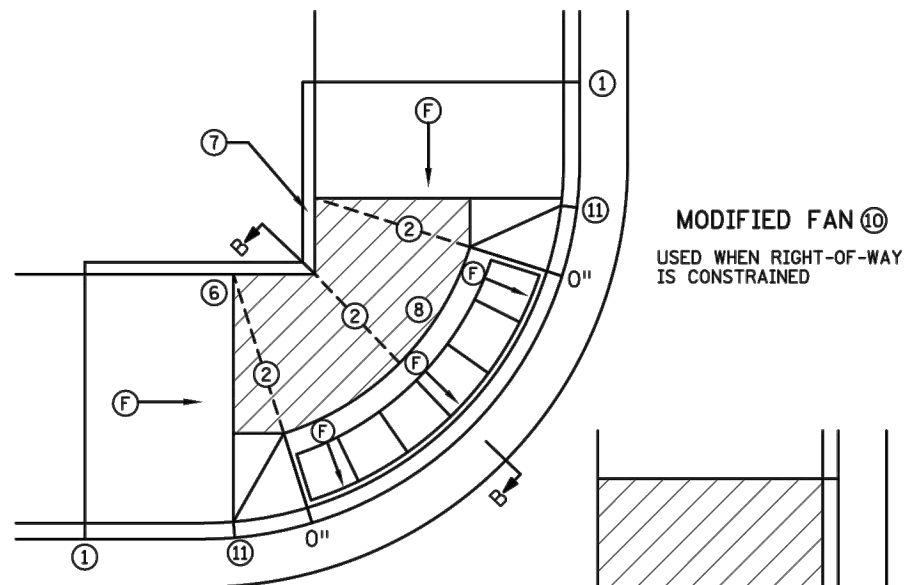
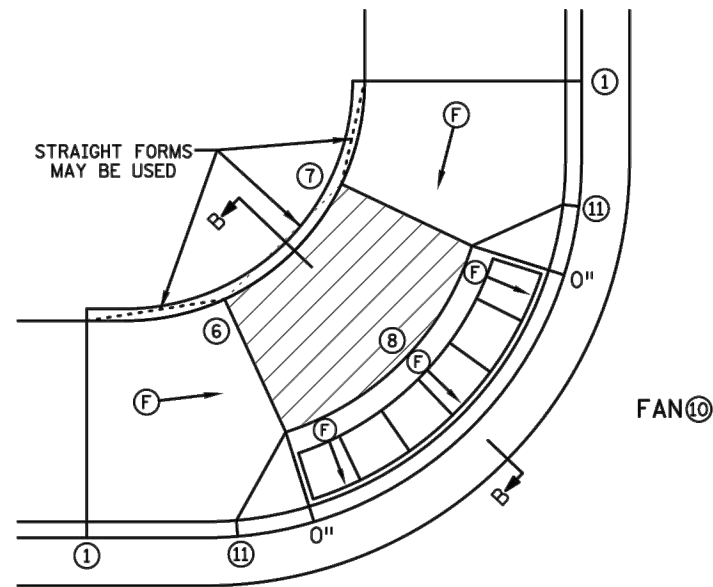
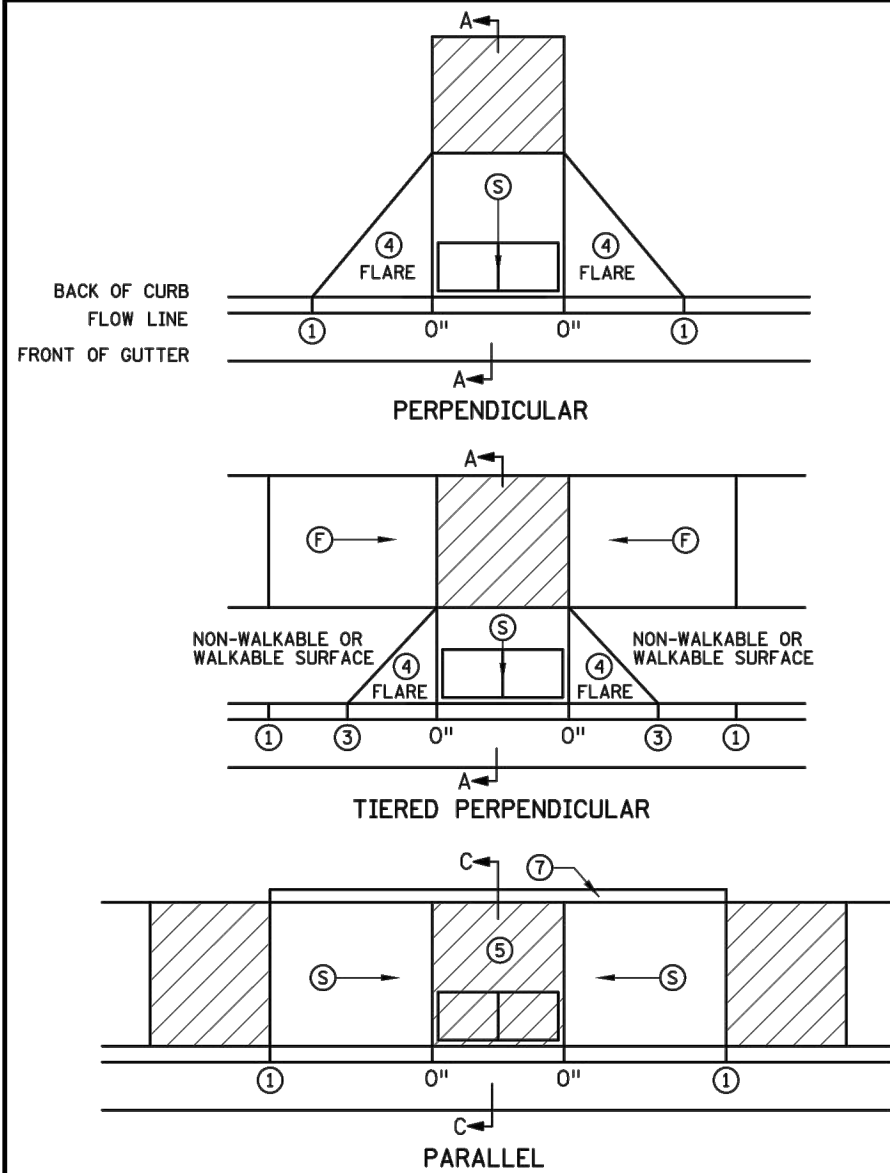


90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
 PHASE II
 OLIVIA, MN

TABULATIONS
 SP 065-090-003

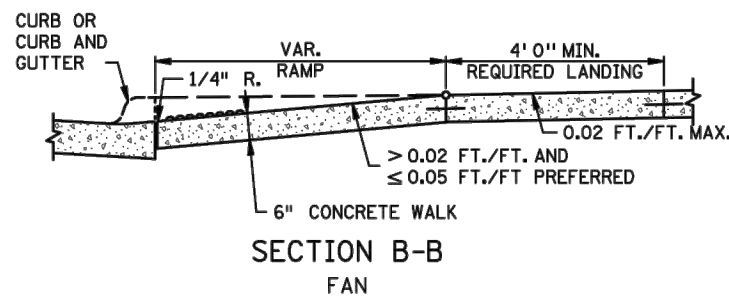
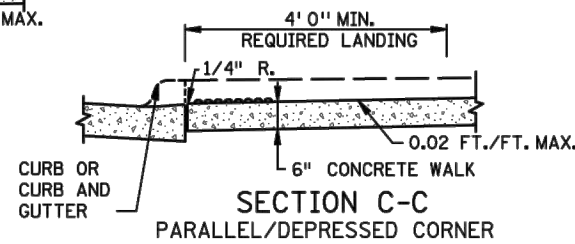
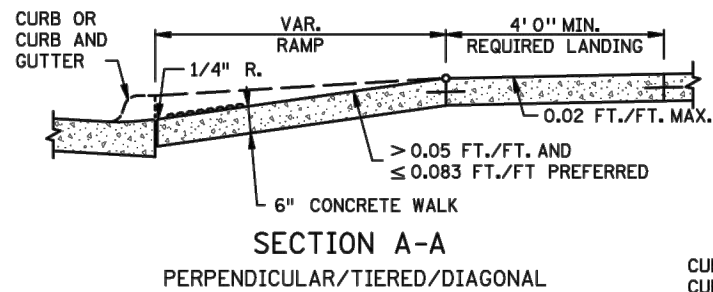
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NOTES:

LANDINGS SHALL BE LOCATED ANYWHERE THE PEDESTRIAN ACCESS ROUTE (PAR) CHANGES DIRECTION, AT THE TOP OF RAMPS THAT HAVE RUNNING SLOPES GREATER THAN 5.0%, AND IF THE APPROACHING WALK IS INVERSE GRADE GREATER THAN 2%. INITIAL CURB RAMP LANDINGS SHALL BE CONSTRUCTED WITHIN 15' FROM THE BACK OF CURB, WITH 6' FROM THE BACK OF CURB BEING THE PREFERRED DISTANCE, ONLY APPLICABLE WHEN THE INITIAL RAMP RUNNING SLOPE IS OVER 5.0%. SECONDARY CURB RAMP LANDINGS ARE REQUIRED FOR EVERY 30" OF VERTICAL RISE WHEN THE LONGITUDINAL RUNNING SLOPE IS GREATER THAN 5.0%. CONTRACTION JOINTS SHALL BE CONSTRUCTED ALONG ALL GRADE BREAKS WITHIN THE PAR. 1/4" DEEP VISUAL JOINTS SHALL BE USED AT THE TOPS OF CONCRETE FLARES ADJACENT TO WALKABLE SURFACES. ALL GRADE BREAKS WITHIN THE PAR SHALL BE PERPENDICULAR TO THE PATH OF TRAVEL, THUS BOTH SIDES OF A SLOPED WALKING SURFACE MUST BE EQUAL LENGTH. (EXCEPT AS STATED IN ⑥ BELOW. TO ENSURE RAMPS AND LANDINGS ARE PROPERLY CONSTRUCTED, ALL INITIAL LANDINGS AT A TOP OF A RAMPED SURFACE (RUNNING SLOPE GREATER THAN 2%) SHALL BE FORMED AND PLACED SEPARATELY IN AN INDEPENDENT CONCRETE POUR. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON SHEET 6 OF 6 FOR ALL SEPARATELY POURED INITIAL LANDINGS. WHEN SIDEWALK IS AT BACK OF CURB, TOP OF CURB SHALL MATCH PROPOSED ADJACENT WALK GRADE. MAINTAIN POSITIVE BOULEVARD DRAINAGE TO TOP OF CURB. ALL RAMP TYPES SHOULD HAVE A MINIMUM 3' LONG RAMP LENGTH. 4' MINIMUM WIDTH OF DETECTABLE WARNING IS REQUIRED FOR ALL RAMPS. DETECTABLE WARNINGS SHALL CONTINUOUSLY EXTEND FOR A MIN. OF 24" IN THE PATH OF TRAVEL. DETECTABLE WARNING TO COVER THE ENTIRE PAR WIDTH OF SHARED-USE PATHS AND THE ENTIRE PAR WIDTH OF THE WALK WITH THE EXCEPTION OF 3" MAXIMUM ON EACH OUTSIDE EDGE WHICH ENSURES THE DETECTABLE WARNINGS ARE ENCASED IN CONCRETE WHEN ADJACENT TO TURF. WHEN ADJACENT TO CONCRETE FLARES 0" - 3" OFFSET IS ALLOWED. WHEN DESIGNING OR ORDERING RECTANGULAR DETECTABLE WARNING SURFACES SHOULD BE 6" LESS THAN THE INCOMING PAR. ARC LENGTH OF THE RADIAL DETECTABLE WARNINGS SHOULD NOT BE GREATER THAN 20 FEET. RECTANGULAR DETECTABLE WARNINGS SHALL BE SETBACK 3" FROM THE BACK OF CURB. RADIAL DETECTABLE WARNINGS SHALL BE SETBACK 3" MINIMUM TO 6" MAXIMUM FROM THE BACK OF CURB.

- ① MATCH FULL HEIGHT CURB.
- ② 4' MINIMUM DEPTH LANDING REQUIRED ACROSS TOP OF RAMP.
- ③ 3" HIGH CURB WHEN USING A 3' LONG RAMP, 4" HIGH CURB WHEN USING A 4' LONG RAMP.
- ④ SEE SHEET 4 OF 6, TYPICAL SIDE TREATMENT OPTIONS, FOR DETAILS ON FLARES AND RETURNED CURBS.
- ⑤ DETECTABLE WARNINGS MAY BE PART OF THE 4' X 4' MIN. LANDING AREA IF IT IS NOT FEASIBLE TO CONSTRUCT THE LANDING OUTSIDE OF THE DETECTABLE WARNING AREA.
- ⑥ THE GRADE BREAK SHALL BE PERPENDICULAR TO THE BACK OF WALK. THIS WILL ENSURE THAT THE GRADE BREAK IS PERPENDICULAR TO THE DIRECTION OF TRAVEL. (TYPICAL FOR ALL)
- ⑦ WHEN ADJACENT TO GRASS, GRADING SHALL ALWAYS BE USED WHEN FEASIBLE. V CURB, IF USED, SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS. WHEN ADJACENT TO PARKING LOTS, CONCRETE OR BITUMINOUS TAPERS LESS THAN 5% RUNNING SLOPE SHOULD BE USED OVER V CURB TO REDUCE TRIPPING HAZARDS AND FACILITATE SNOW & ICE REMOVAL.
- ⑧ A 7' MIN TOP RADIUS GRADE BREAK IS REQUIRED TO BE CONSTRUCTIBLE.
- ⑨ PAVE FULL WALK WIDTH.
- ⑩ "S" SLOPES ON FANS SHALL ONLY BE USED WHEN ALL OTHER FEASIBLE OPTIONS HAVE BEEN EVALUATED AND DEEMED IMPRACTICAL.
- ⑪ INTERMEDIATE CURB HEIGHTS TAPER SHALL RISE AT 8-10% TO A MINIMUM 3" CURB HEIGHT. REDUCE INTERMEDIATE CURB HEIGHT TO 2+ INCHES IF NECESSARY TO MATCH ADJACENT BOULEVARD OR SIDEWALK GRADES.



LEGEND	
THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.	
(S)	INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND THE CROSS SLOPE SHALL NOT EXCEED 2.0%.
(F)	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%.
(Hatched Box)	LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.
X"	CURB HEIGHT

REVISION:

APPROVED: 11-04-2021

Jeffrey Perkins

JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA

DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 1 OF 6

APPROVED: 11-04-2021

REVISED:

Tom Styrbicki

THOMAS STYRBICKI
STATE DESIGN ENGINEER

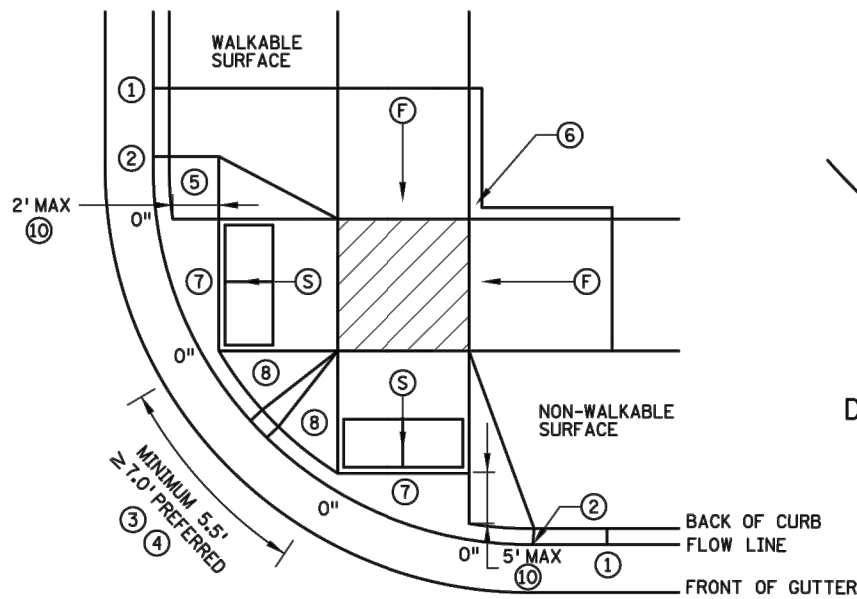
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PEDESTRIAN CURB RAMP DETAILS

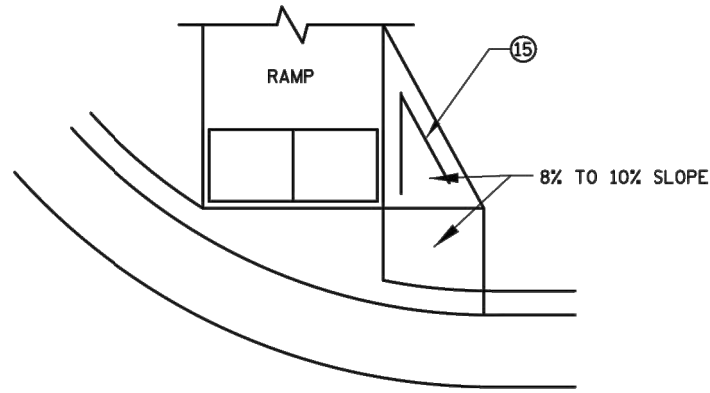
SAFE ROUTES TO SCHOOL TRAIL PHASE II

OLIVIA, MN

SP 065-090-003 SHEET NO. 10 OF 54 SHEETS

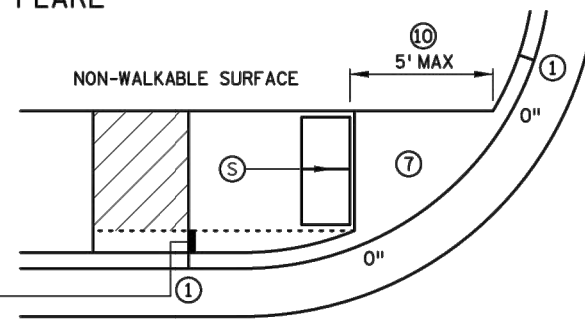


COMBINED DIRECTIONAL

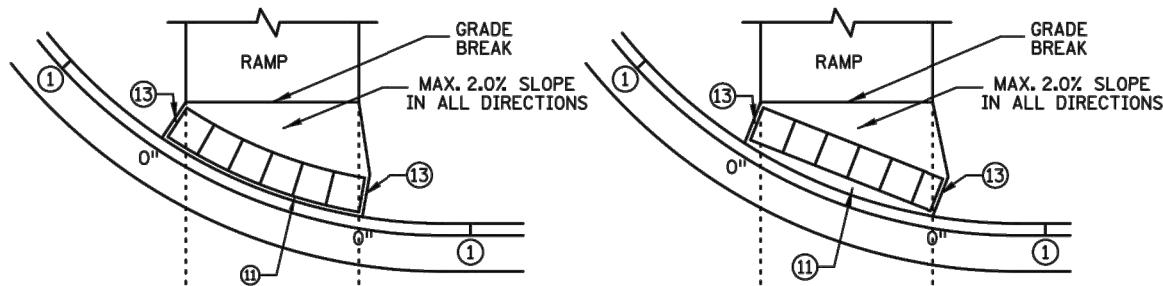


DIRECTIONAL RAMP WALKABLE FLARE

IF NON-CONCRETE BLVD. IS CONSTRUCTED AND IS LESS THAN 2' IN WIDTH AT TOP OF CURB TRANSITION, PAVE CONCRETE RAMP WIDTH TO ADJACENT BACK OF CURB.

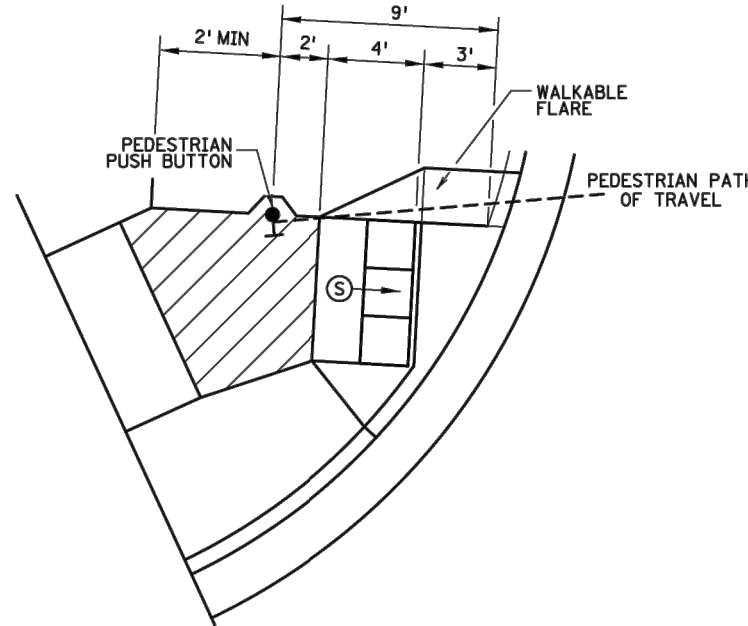


STANDARD ONE-WAY DIRECTIONAL ⑩



DETECTABLE WARNING PLACEMENT WHEN SETBACK CRITERIA IS EXCEEDED ⑫

ONE-WAY DIRECTIONAL WITH DETECTABLE WARNING AT BACK OF CURB



SEMI-DIRECTIONAL RAMP ③④⑨

3' DOME SETBACK, 4' LONG RAMP AND PUSH BUTTON 9' FROM THE BACK OF CURB
 PRIMARILY USED FOR APS APPLICATIONS WHERE THE PAR DOES NOT CONTINUE PAST THE PUSH BUTTON (DEAD-END SIDEWALK)

NOTES:

LANDINGS SHALL BE LOCATED ANYWHERE THE PEDESTRIAN ACCESS ROUTE (PAR) CHANGES DIRECTION, AT THE TOP OF RAMPS THAT HAVE RUNNING SLOPES GREATER THAN 5.0%, AND IF THE APPROACHING WALK IS INVERSE GRADE.

INITIAL CURB RAMP LANDINGS SHALL BE CONSTRUCTED WITHIN 15' FROM THE BACK OF CURB, WITH 6' FROM THE BACK OF CURB BEING THE PREFERRED DISTANCE, ONLY APPLICABLE WHEN THE INITIAL RAMP RUNNING SLOPE IS OVER 5.0%.

SECONDARY CURB RAMP LANDINGS ARE REQUIRED FOR EVERY 30" OF VERTICAL RISE WHEN THE LONGITUDINAL SLOPE IS GREATER THAN 5.0%.

CONTRACTION JOINTS SHALL BE CONSTRUCTED ALONG ALL GRADE BREAKS WITHIN THE PAR. 1/4" DEEP VISUAL JOINTS SHALL BE USED AT THE TOP GRADE BREAK OF CONCRETE FLARES ADJACENT TO WALKABLE SURFACES.

ALL GRADE BREAKS WITHIN THE PAR SHALL BE PERPENDICULAR TO THE PATH OF TRAVEL. THUS BOTH SIDES OF A SLOPED WALKING SURFACE MUST BE EQUAL LENGTH.

TO ENSURE INITIAL RAMPS AND INITIAL LANDINGS ARE PROPERLY CONSTRUCTED, LANDINGS SHALL BE CAST SEPARATELY, FOLLOW SIDEWALK REINFORCEMENT DETAILS ON SHEET 6 AND THE ADA SPECIAL PROVISION (PROSECUTION OF WORK).

TOP OF CURB SHALL MATCH PROPOSED ADJACENT WALK GRADE.

WHEN THE BOULEVARD IS 4' WIDE OR LESS, THE TOP OF CURB TAPER SHALL MATCH THE RAMP SLOPES TO REDUCE NEGATIVE BOULEVARD SLOPES FROM THE TOP BACK OF CURB TO THE PAR.

ALL RAMP TYPES SHOULD HAVE A MINIMUM 3' LONG RAMP LENGTH.

4' MINIMUM WIDTH OF DETECTABLE WARNING IS REQUIRED FOR ALL RAMPS. DETECTABLE WARNINGS SHALL CONTINUOUSLY EXTEND FOR A MIN. OF 24" IN THE PATH OF TRAVEL. DETECTABLE WARNING TO COVER THE ENTIRE PAR WIDTH OF SHARED-USE PATHS AND THE ENTIRE PAR WIDTH OF THE WALK WITH THE EXCEPTION OF 3" MAXIMUM ON EACH OUTSIDE EDGE WHICH ENSURES THE DETECTABLE WARNINGS ARE ENCASED IN CONCRETE WHEN ADJACENT TO TURF. WHEN ADJACENT TO CONCRETE FLARES 0" - 3" OFFSET IS ALLOWED.

WHEN DESIGNING OR ORDERING RECTANGULAR DETECTABLE WARNING SURFACES SHOULD BE 6" LESS THAN THE INCOMING PAR. ARC LENGTH OF THE RADIAL DETECTABLE WARNINGS SHOULD NOT BE GREATER THAN 20 FEET.

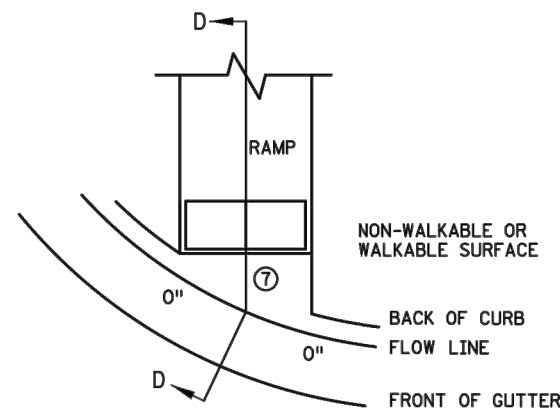
RADIAL DETECTABLE WARNINGS SHALL BE SETBACK 3" MINIMUM TO 6" MAXIMUM FROM THE BACK OF CURB. SEE NOTES ⑩ & ⑪ FOR INFORMATION REGARDING RECTANGULAR DETECTABLE WARNING PLACEMENT.

- ① MATCH FULL CURB HEIGHT.
- ② 3" HIGH CURB WHEN USING A 3' LONG RAMP
4" HIGH CURB WHEN USING A 4' LONG RAMP.
- ③ 3" MINIMUM CURB HEIGHT (5.5' MIN. DISTANCE REQUIRED BETWEEN DOMES)
4" PREFERRED (7' MIN. DISTANCE REQUIRED BETWEEN DOMES).
- ④ THE "BUMP" IN BETWEEN THE RAMPS SHOULD NOT BE IN THE PATH OF TRAVEL FOR COMBINED DIRECTIONAL RAMPS. IF THIS OCCURS MODIFY THE RAMP LOCATION OR SWITCH RAMP TO A FAN/DEPRESSED CORNER.
- ⑤ WHEN USING CONCRETE PAVED FLARES ON THE OUTSIDE OF DIRECTIONAL RAMPS, AND ADJACENT TO A WALKABLE SURFACE, DIRECTIONAL RAMP FLARES SHALL BE USED. SEE THE DETAIL ON THIS SHEET.
- ⑥ GRADING SHALL ALWAYS BE USED WHEN FEASIBLE. V CURB, IF USED, SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS. WHEN ADJACENT TO PARKING LOTS, CONCRETE OR BITUMINOUS TAPERS SHOULD BE USED OVER V CURB TO REDUCE TRIPPING HAZARDS AND FACILITATE SNOW & ICE REMOVAL.
- ⑦ MAX. 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK AND DRAIN TO FLOW LINE. SHALL BE CONSTRUCTED INTEGRAL WITH CURB AND GUTTER.
- ⑧ 8% TO 10% WALKABLE FLARE.
- ⑨ PLACE DOMES AT THE BACK OF CURB WHEN ALLOWABLE SETBACK CRITERIA IS EXCEEDED.
- ⑩ FRONT EDGE OF DETECTABLE WARNING SHALL BE SET BACK 2' MAXIMUM WHEN ADJACENT TO WALKABLE SURFACE, AND 5' MAXIMUM WHEN ADJACENT TO NON-WALKABLE SURFACE WITH ONE CORNER SET 3" FROM BACK OF CURB. A WALKABLE SURFACE IS DEFINED AS A PAVED SURFACE ADJACENT TO A CURB RAMP WITHOUT RAISED OBSTACLES THAT COULD MISTAKENLY BE TRAVERSED BY A USER WHO IS VISUALLY IMPAIRED.
- ⑪ RECTANGULAR DETECTABLE WARNINGS MAY BE SETBACK UP TO 9" FROM THE BACK OF CURB WITH CORNERS SET 3" FROM BACK OF CURB. IF 9" SETBACK IS EXCEEDED USE RADIAL DETECTABLE WARNINGS.
- ⑫ FOR DIRECTIONAL RAMPS WITH THE DETECTABLE WARNINGS PLACED AT THE BACK OF CURB, THE DETECTABLE WARNINGS SHALL COVER THE ENTIRE WIDTH OF THE WALK/PATH. THIS ENSURES A DETECTABLE EDGE AND HELPS ELIMINATE THE CURB TAPER OBSTRUCTING THE PATH OF PEDESTRIAN TRAVEL.
- ⑬ THE CONCRETE WALK SHALL BE FORMED AND CONSTRUCTED PERPENDICULAR TO THE BACK OF CURB. MAINTAIN 3" BETWEEN EDGE OF DOMES AND EDGE OF CONCRETE.
- ⑭ TO BE USED FOR ALL DIRECTIONAL RAMPS, EXCEPT WHERE DOMES ARE PLACED ALONG THE BACK OF CURB.
- ⑮ PLACE 2 NO. 4 BARS 4 INCHES FROM SIDE OF FORMS WITH A MINIMUM 2 INCHES OF CONCRETE COVER ALONG EACH SIDE OF FLARE (INCIDENTAL).

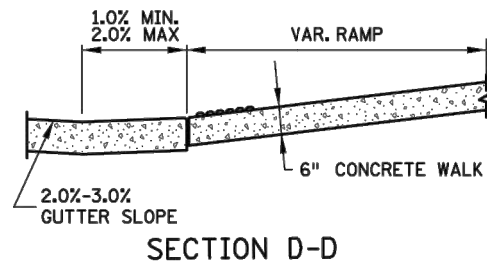
LEGEND

THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.

- Ⓢ INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND THE 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%.
- ▨ LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PAR.
- X" CURB HEIGHT



CURB FOR DIRECTIONAL RAMPS ⑭



SECTION D-D

REVISION:
 APPROVED: 11-04-2021
 OLIVIA 10214
 Jeff J. Pel...
 OPERATIONS DIVISION

m
 MINNESOTA
 DEPARTMENT
 OF
 TRANSPORTATION

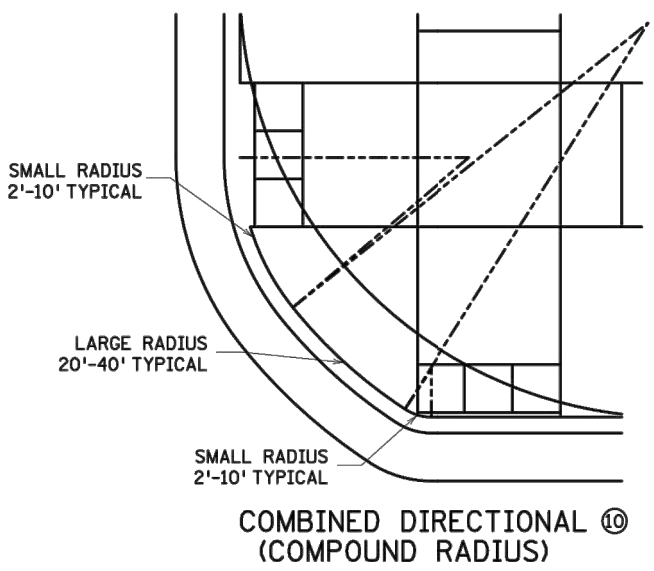
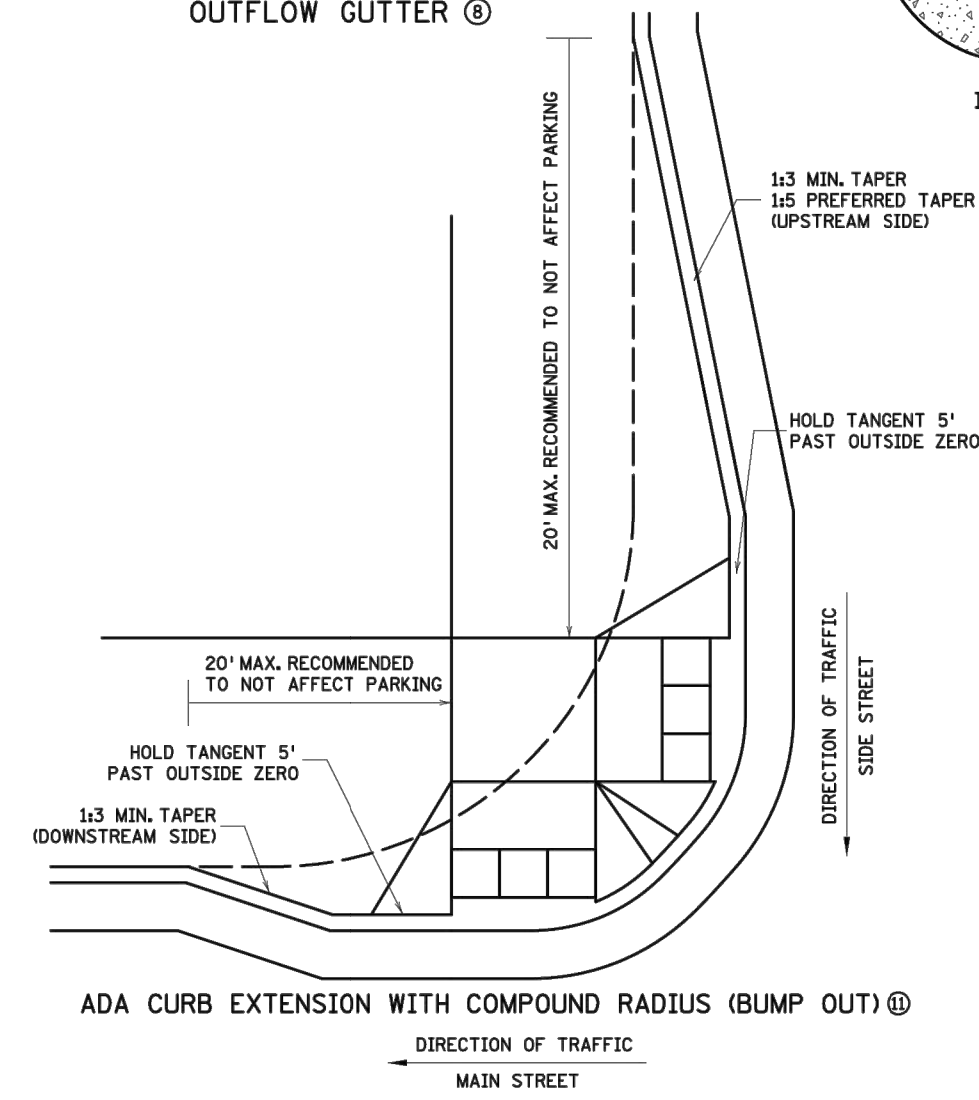
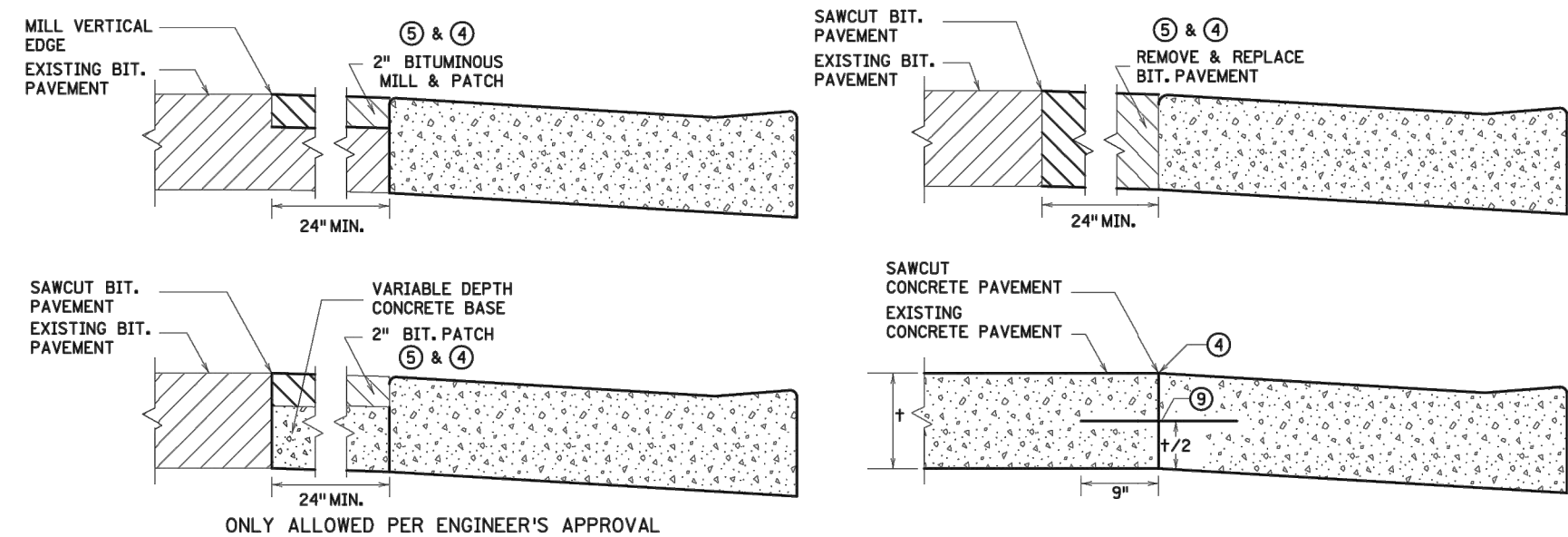
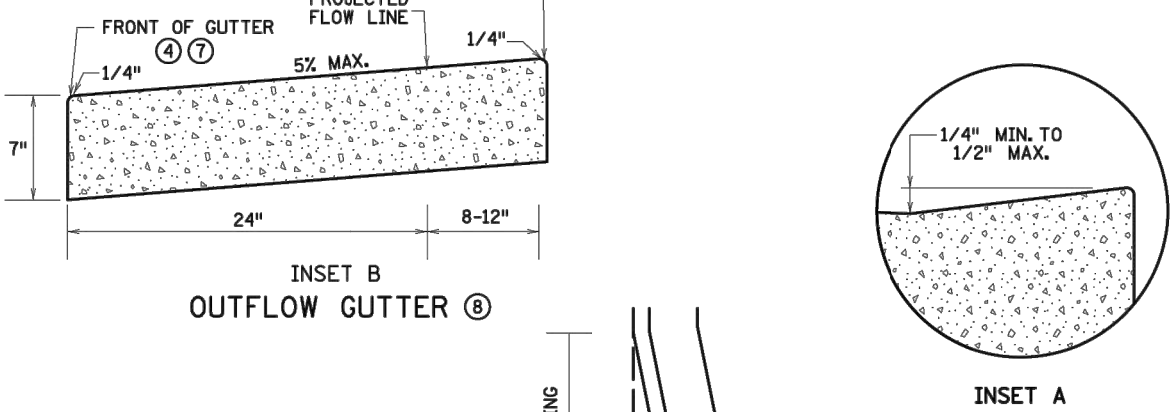
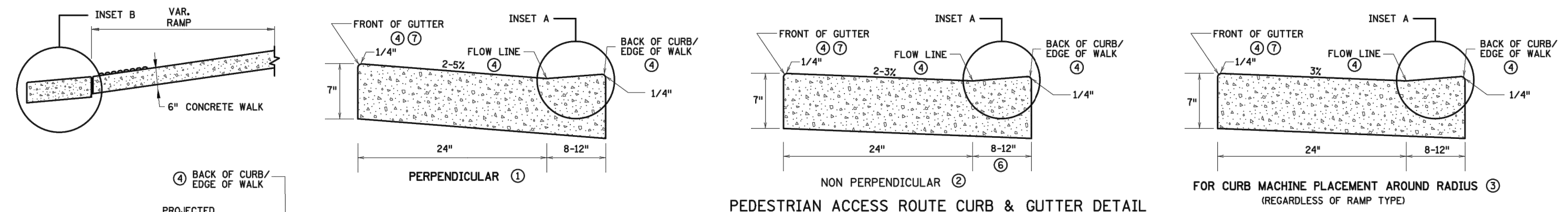
STANDARD PLAN 5-297.250 2 OF 6
 APPROVED: 11-04-2021
 REVISED:
 STATE PROJ. NO.

PEDESTRIAN CURB RAMP DETAILS
 SAFE ROUTES TO SCHOOL TRAIL PHASE II
 OLIVIA, MN

SP 065-090-003 SHEET NO. 11 OF 54 SHEETS

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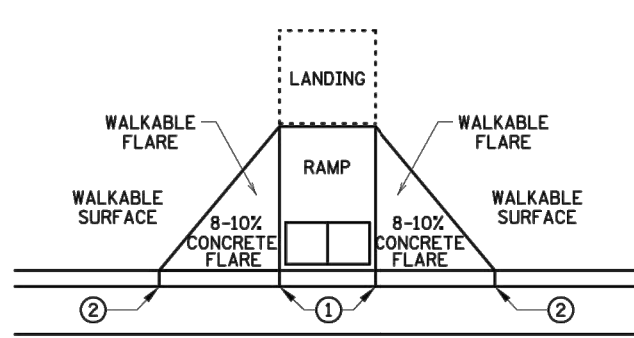
PAVEMENT TREATMENT OPTIONS IN FRONT OF CURB & GUTTER
FOR USE ON CURB RAMP RETROFITS

- NOTES:**
- POSITIVE FLOW LINE DRAINAGE SHALL BE MAINTAINED THROUGH THE PEDESTRIAN ACCESS ROUTE (PAR) AT A 2% MAXIMUM. NO PONDING SHALL BE PRESENT IN THE PAR.
 - ANY VERTICAL LIP THAT OCCURS AT THE FLOW LINE SHALL NOT BE GREATER THAN 1/4 INCH.
 - ① FOR USE AT CURB CUTS WHERE THE PEDESTRIAN'S PATH OF TRAVEL IS ASSUMED PERPENDICULAR TO THE GUTTER FLOW LINE. RAMP TYPES INCLUDE: PERPENDICULAR, TIERED PERPENDICULAR, PARALLEL, AND DIAGONAL RAMPS.
 - ② FOR USE AT CURB RAMPS WHERE THE PEDESTRIAN'S PATH OF TRAVEL IS ASSUMED NON PERPENDICULAR TO THE GUTTER FLOW LINE. RAMP TYPES INCLUDE: FANS & DEPRESSED CORNERS.
 - ③ BEGIN GUTTER SLOPE TRANSITION 10' OUTSIDE OF ALL CURB RAMPS.
 - ④ THERE SHALL BE NO VERTICAL DISCONTINUITIES GREATER THAN 1/4".
 - ⑤ ELEVATION CHANGE TAKES PLACE FROM THE EXISTING TO NEW FRONT OF GUTTER. PATCH IS USED TO MATCH THE NEW GUTTER FACE INTO THE EXISTING ROADWAY.
 - ⑥ VARIABLE WIDTH FOR DIRECTIONAL CURB APPLICATIONS. SEE SHEET 2 FOR DIRECTIONAL CURB SLOPE REQUIREMENTS.
 - ⑦ TOP FRONT OF GUTTER SHALL BE CONSTRUCTED FLUSH WITH PROPOSED ADJACENT PAVEMENT ELEVATION. TOP 1.5" OF THE GUTTER FACE MUST BE A FORMED EDGE. PAR GUTTER SHALL NOT BE OVERLAID.
 - ⑧ SHOULD BE USED AT VERTICALLY CONSTRAINED AREAS WHEN AT A DRAINAGE HIGH POINT OR SUPER ELEVATED ROADWAY SEGMENTS.
 - ⑨ DRILL AND GROUT NO. 4 EPOXY-COATED 18" LONG TIE BARS AT 30" CENTER TO CENTER INTO EXISTING CONCRETE PAVEMENT 1' MINIMUM FROM ALL JOINTS.
 - ⑩ HELPS PROVIDE TWO SEPARATE RAMPS, REDUCES THE DOME SETBACK LENGTH AND MINIMIZES DIRECTIONAL CURB. THIS RADIUS DESIGN CLOSELY FOLLOWS THE TURNING VEHICLE PATH WHILE OPTIMIZING CURB RAMP LENGTH.
 - ⑪ CURB EXTENSIONS SHOULD BE USED IN VERTICALLY CONSTRAINED AREAS, USUALLY IN DOWNTOWN ROADWAY SEGMENTS WHERE ON-STREET PARKING IS AVAILABLE. CURB EXTENSIONS SHOULD BE CONSIDERED FOR APS INTERSECTIONS WHERE SPACE IS LIMITED. PUSH BUTTONS MUST MEET APS CRITERIA AS DESCRIBED IN THE PUSH BUTTON LOCATION DETAIL SHEET.

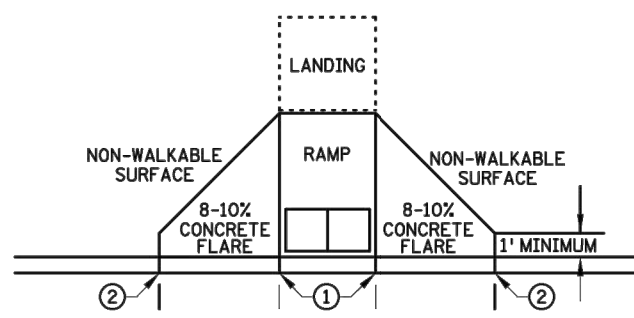
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DEPARTMENT OF TRANSPORTATION
STANDARD PLAN 5-297.250 3 OF 6
Tom Styrbicki
THOMAS STYRBICKI
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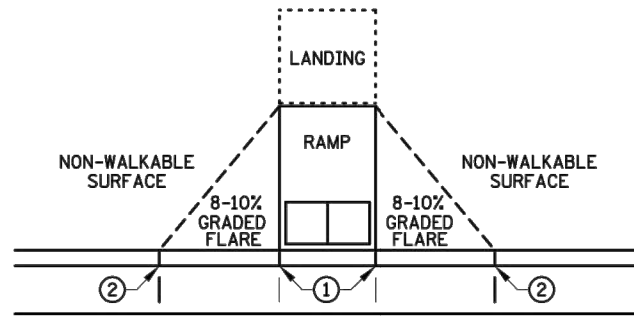
PEDESTRIAN CURB RAMP DETAILS
SAFE ROUTES TO SCHOOL TRAIL PHASE II
OLIVIA, MN
SP 065-090-003 SHEET NO. 12 OF 54 SHEETS



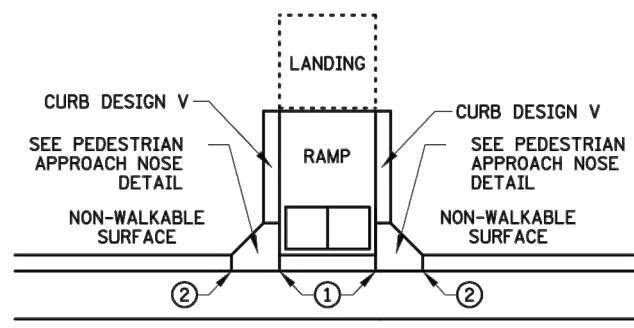
PAVED FLARES ADJACENT TO WALKABLE SURFACE



PAVED FLARES ADJACENT TO NON-WALKABLE SURFACE

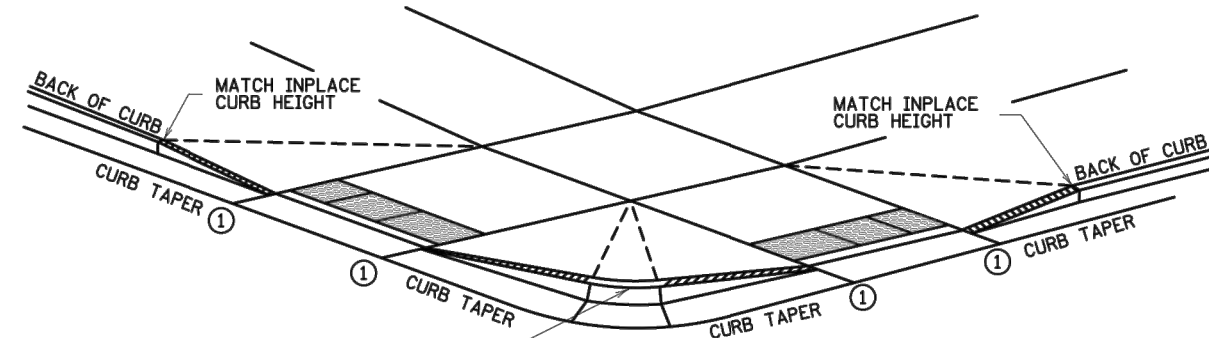


GRADED FLARES



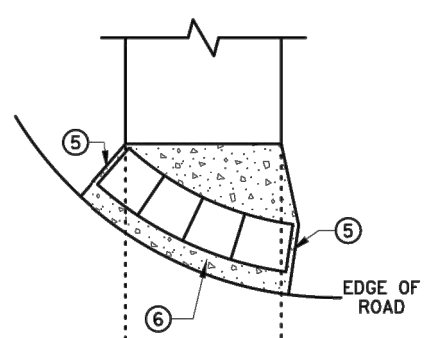
RETURNED CURB ④

TYPICAL SIDE TREATMENT OPTIONS ③ ⑩

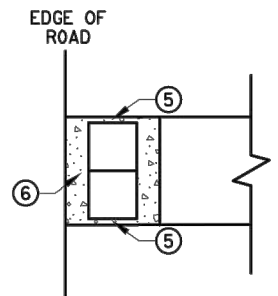


3" MINIMUM CURB HEIGHT, 4" PREFERRED (MEASURED AT FRONT FACE OF CURB)
FOR A MIN. 6" LENGTH (MEASURED ALONG FLOW LINE)

DETECTABLE EDGE WITH CURB AND GUTTER ⑦

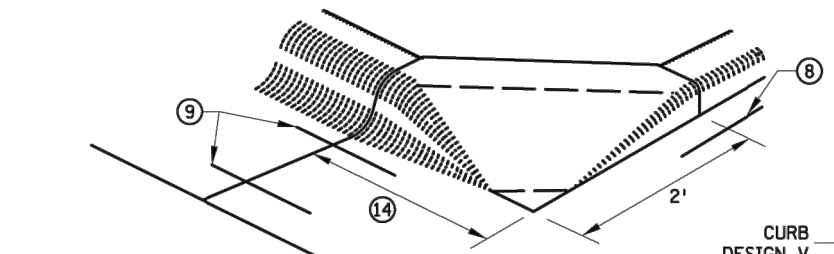


RADIAL DETECTABLE WARNING

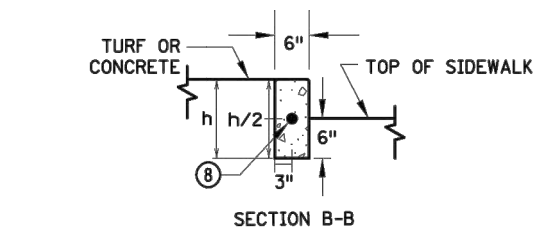


RECTANGULAR DETECTABLE WARNING

DETECTABLE EDGE WITHOUT CURB AND GUTTER

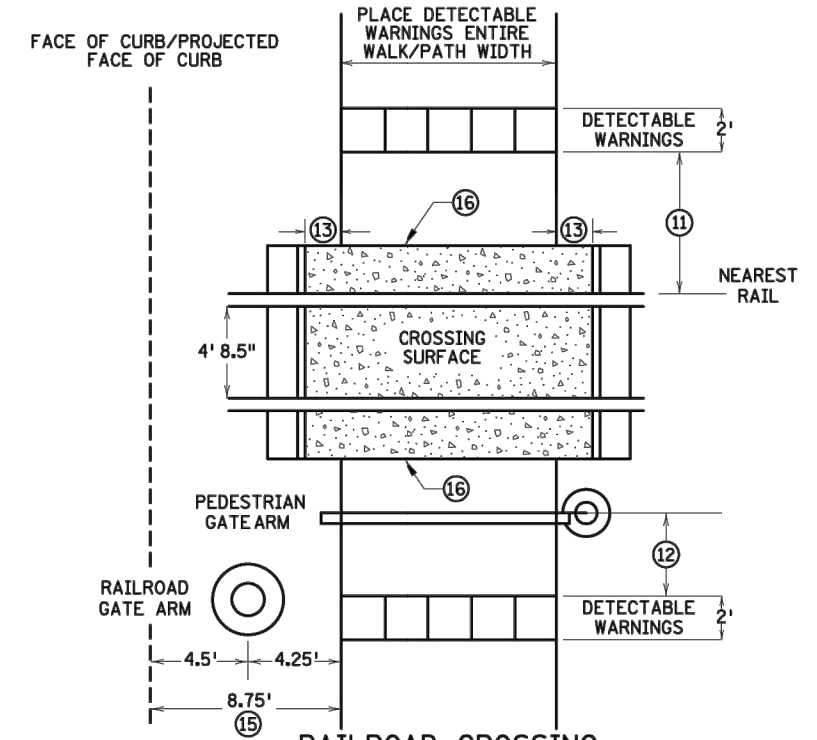


SECTION A-A



SECTION B-B

PEDESTRIAN APPROACH NOSE DETAIL (FOR RETURNED CURB SIDE TREATMENT)



RAILROAD CROSSING PLAN VIEW

NOTES:

- INTERMEDIATE CURB HEIGHTS TAPER SHALL RISE AT 8-10% TO A MINIMUM 3 INCH CURB HEIGHT. INCREASE CURB TAPER LENGTH AT LESS THAN 8% OR REDUCE INTERMEDIATE CURB HEIGHT TO 2+ INCHES IF NECESSARY TO MATCH ADJACENT BOULEVARD OR SIDEWALK GRADES.
- SEE STANDARD PLATE 7038 AND THIS SHEET FOR ADDITIONAL DETAILS ON DETECTABLE WARNING.
- A WALKABLE SURFACE IS DEFINED AS A PAVED SURFACE ADJACENT TO A CURB RAMP WITHOUT RAISED OBSTACLES THAT COULD MISTAKENLY BE TRAVERSED BY A USER WHO IS VISUALLY IMPAIRED.
- CONCRETE FLARE LENGTHS ADJACENT TO NON-WALKABLE SURFACES SHOULD BE LESS THAN 8' LONG MEASURED ALONG THE RAMPS FROM THE BACK OF CURB.
- ① 0" CURB HEIGHT. SEE INSET A ON SHEET 3 OF 6.
- ② FULL CURB HEIGHT.
- ③ SIDE TREATMENTS ARE APPLICABLE TO ALL RAMP TYPES AND SHOULD BE IMPLEMENTED AS NEEDED AS FIELD CONDITIONS DICTATE. THE ENGINEER SHALL DETERMINE THE RAMP SIDE TREATMENTS BASED ON MAINTENANCE OF BOTH ROADWAY AND SIDEWALK, ADJACENT PROPERTY CONSIDERATIONS, AND MITIGATING CONSTRUCTION IMPACTS.
- ④ TYPICALLY USED FOR MEDIANS AND ISLANDS.
- ⑤ WHEN NO CONCRETE FLARES ARE PROPOSED, THE CONCRETE WALK SHALL BE FORMED AND CONSTRUCTED PERPENDICULAR TO THE EDGE OF ROADWAY. MAINTAIN 3" MAX. BETWEEN EDGE OF DOMES AND EDGE OF CONCRETE.
- ⑥ IF NO CURB AND GUTTER IS PLACED IN RURAL SECTIONS, DETECTABLE WARNINGS SHALL BE PLACED 1' FROM THE EDGE OF BITUMINOUS ROADWAY AND/OR BITUMINOUS SHARED-USE PATH TO PROVIDE VISUAL CONTRAST.
- ⑦ ALL CONSTRUCTED CURBS MUST HAVE A CONTINUOUS DETECTABLE EDGE FOR THE VISUALLY IMPAIRED. THIS DETECTABLE EDGE REQUIRES DETECTABLE WARNINGS WHEREVER THERE IS ZERO-INCH HIGH CURB. CURB TAPERS ARE CONSIDERED A DETECTABLE EDGE WHEN THE TAPER STARTS WITHIN 3" OF THE EDGE OF THE DETECTABLE WARNINGS. AND UNIFORMLY RISES TO A 3-INCH MINIMUM CURB HEIGHT. ANY CURB NOT PART OF A CURB TAPER AND LESS THAN 3 INCHES IN HEIGHT IS NOT CONSIDERED A DETECTABLE EDGE AND THEREFORE IS NOT COMPLIANT WITH ACCESSIBILITY STANDARDS.
- ⑧ DRILL AND GROUT 1 - NO. 4 12" LONG REINFORCEMENT BAR (EPOXY COATED) WITH 3" MIN. COVER. REINFORCEMENT BARS ARE NOT NEEDED IF THE APPROACH NOSE IS POURED INTEGRAL WITH THE V CURB.
- ⑨ DRILL AND GROUT 2 - NO. 4 12" LONG REINFORCEMENT BARS (EPOXY COATED) WITH 3" MIN. COVER. REINFORCEMENT BARS ARE NOT NEEDED IF THE APPROACH NOSE IS POURED INTEGRAL WITH THE CURB AND GUTTER.
- ⑩ SIDE TREATMENT EXAMPLES SHOWN ARE WHEN THE INITIAL LANDING IS APPROXIMATELY LEVEL WITH THE FULL HEIGHT CURB (I.E. 6' LONG RAMP FOR 6" HIGH CURB). WHEN THE INITIAL LANDING IS MORE THAN 1" BELOW FULL HEIGHT CURB REFER TO SHEETS 1 & 2 TO MODIFY THE CURB HEIGHT TAPERS AND MAINTAIN POSITIVE BOULEVARD DRAINAGE. CONSTRUCT THESE TAPERS AT 0"-3" AT 8-10%, THEN LESS THAN 5% FROM 3" CURB TO FULL CURB HEIGHT.
- ⑪ NEAREST EDGE OF DETECTABLE WARNING SURFACES SHALL BE PLACED 12' MINIMUM TO 15' MAXIMUM FROM THE NEAREST RAIL. FOR SKEWED RAILWAYS IN NO INSTANCE SHALL THE DETECTABLE WARNING BE CLOSER THAN 12' MEASURED PERPENDICULAR TO THE NEAREST RAIL.
- ⑫ WHEN PEDESTRIAN GATES ARE PROVIDED, DETECTABLE WARNING SURFACES SHALL BE PLACED ON THE SIDE OF THE GATES OPPOSITE THE RAIL, 2' FROM THE APPROACHING SIDE OF THE GATE ARM. THIS CRITERIA GOVERNS OVER NOTE ⑪.
- ⑬ CROSSING SURFACE SHALL EXTEND 2' MINIMUM PAST THE OUTSIDE EDGE OF WALK OR SHARED-USE PATH.
- ⑭ 3' FOR MEDIANS AND SPLITTER ISLANDS. NOSE CAN BE REDUCED TO 2' ON FREE RIGHT ISLANDS.
- ⑮ SIDEWALK TO BE PLACED 8.75' MIN. FROM THE FACE OF CURB/PROJECTED FACE OF CURB. THIS ENSURES MIN. CLEARANCE BETWEEN THE SIDEWALK AND GATE COUNTERWEIGHT SUPPORTS.
- ⑯ CONSTRUCT WITH EXPANSION MATERIAL PER MNDOT SPECIFICATION 3702 TYPES A-E. EXPANSION MATERIAL SHALL MATCH FULL HEIGHT OF ADJACENT CONCRETE.

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STANDARD PLAN 5-297.250 4 OF 6

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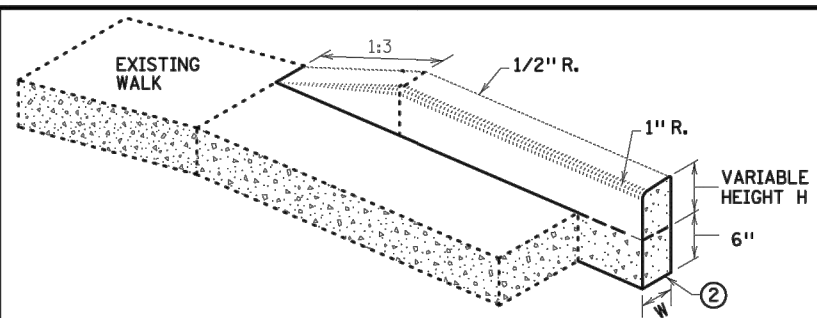
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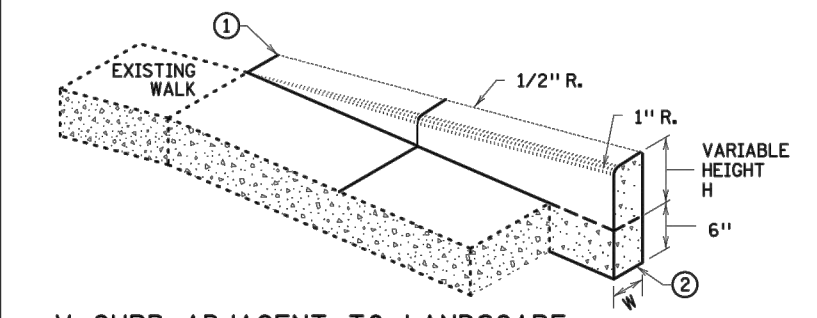
PEDESTRIAN CURB RAMP DETAILS
SAFE ROUTES TO SCHOOL TRAIL PHASE II

OLIVIA, MN

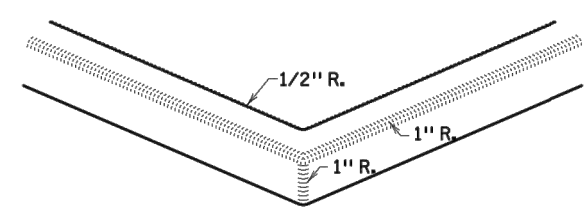
SP 065-090-003 SHEET NO. 13 OF 54 SHEETS



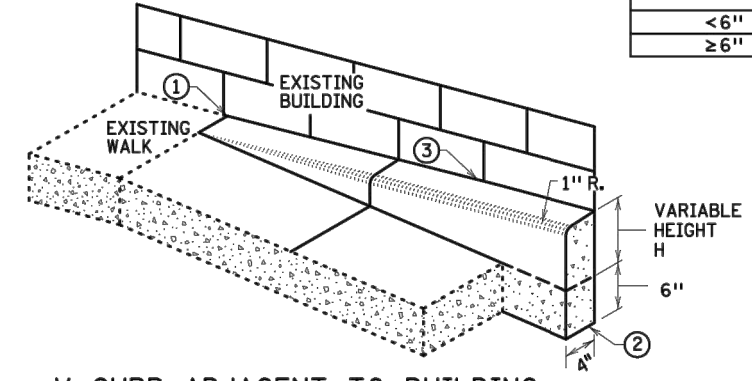
V CURB ADJACENT TO LANDSCAPE
CURB WITHIN SIDEWALK LIMITS



V CURB ADJACENT TO LANDSCAPE
CURB OUTSIDE SIDEWALK LIMITS

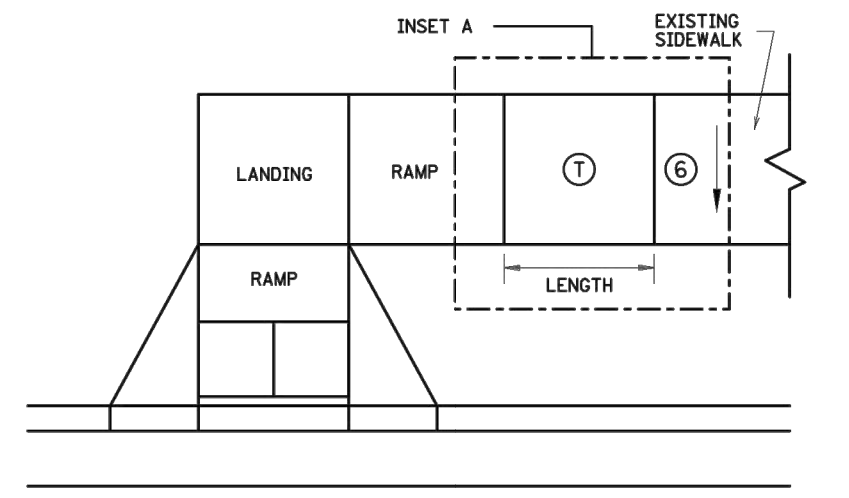


V CURB INTERSECTION

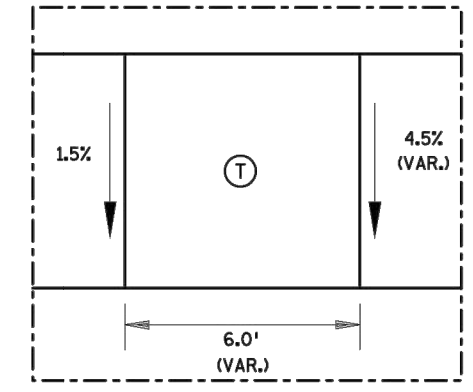


V CURB ADJACENT TO BUILDING
OR BARRIER

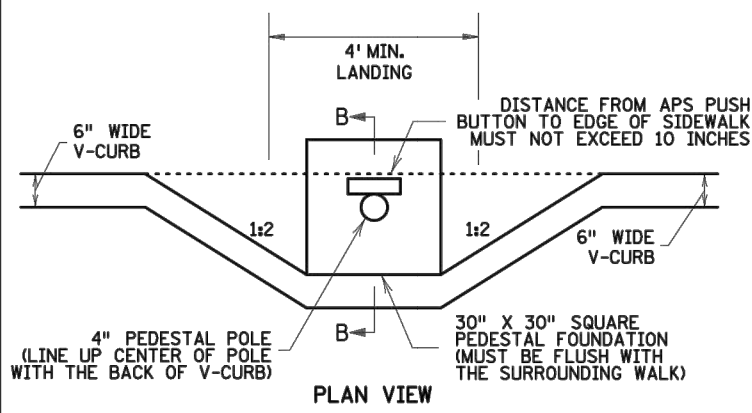
CONCRETE CURB DESIGN V	
CURB HEIGHT H	CURB WIDTH W
<6"	4"
≥6"	6"



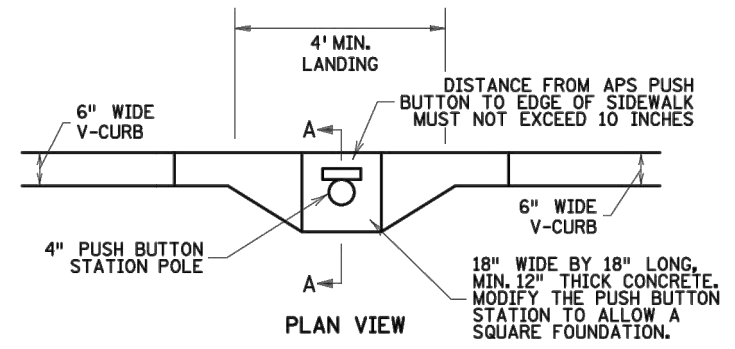
TRANSITION PANEL ④ ⑤



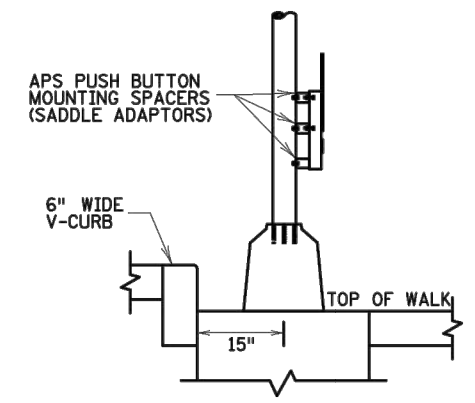
INSET A



PLAN VIEW

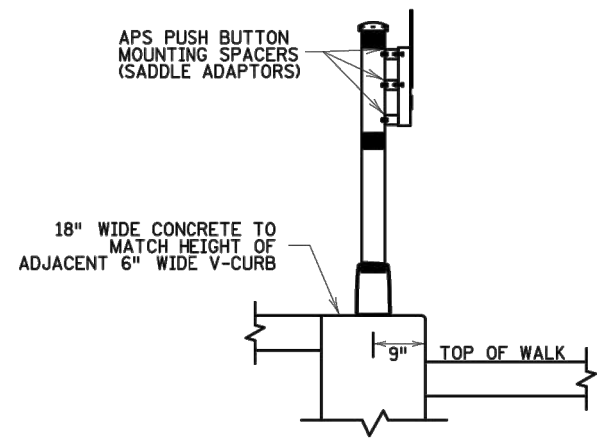


PLAN VIEW



SECTION B-B

SIGNAL PEDESTAL & PUSH BUTTON (V-CURB)



SECTION A-A

PUSH BUTTON STATION (V-CURB)

NOTES:

- A WALKABLE FLARE IS AN 8-10% CONCRETE FLARE THAT IS REQUIRED WHEN THE FLARE IS ADJACENT TO A WALKABLE SURFACE, OR WHEN THE PEDESTRIAN PATH OF TRAVEL OF A PUSH BUTTON TRAVERSES THE FLARE.
- ALL V CURB CONTRACTION JOINTS SHALL MATCH CONCRETE WALK JOINTS.
- WHERE RIGHT-OF-WAY ALLOWS, USE OF V CURB SHOULD BE MINIMIZED. GRADING ADJACENT TURF OR SLOPING ADJACENT PAVEMENT IS PREFERRED.
- V CURB SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS.
- V CURB NEXT TO BUILDING SHALL BE A 4" WIDTH AND SHALL MATCH PREVIOUS TOP OF SIDEWALK ELEVATIONS.
- ① END TAPERS AT TRANSITION SECTION SHALL MATCH INPLACE SIDEWALK GRADES.
- ② ALL V CURB SHALL MATCH BOTTOM OF ADJACENT WALK.
- ③ CONSTRUCT USING APPROVED EXPANSION MATERIAL PER MNDOT TYPE A-E EXPANSION. LEAVE A MINIMUM 1/2" TOP GAP AND SEAL WITH MNDOT APPROVED SILICONE PER MNDOT SPEC 3722.
- ④ THE MAX. RATE OF CROSS SLOPE TRANSITIONING IS 1' LINEAR FOOT OF SIDEWALK PER HALF PERCENT CROSS SLOPE. WHEN PAR WIDTH IS GREATER THAN 6' OR THE RUNNING SLOPE IS GREATER THAN 5%, DOUBLE THE CALCULATED TRANSITION LENGTH.
- ⑤ TRANSITION PANELS ARE TO ONLY BE USED AFTER THE RAMP, OR IF NEEDED, LANDING ARE AT THE FULL CURB HEIGHT (TYPICAL SECTION).
- ⑥ EXISTING CROSS SLOPE GREATER THAN 2.0%.

LEGEND

- THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.
- ⑤ INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND THE CROSS SLOPE SHALL NOT EXCEED 2.0%.
 - LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.
 - ① TRANSITION PANEL(S) - TO BE USED FOR TRANSITIONING THE CROSS-SLOPE OF A RAMP TO THE EXISTING WALK CROSS-SLOPE. RATE OF TRANSITION SHOULD BE 0.5% PER 1 LINEAR FOOT OF WALK. SEE THIS SHEET FOR ADDITIONAL INFORMATION.

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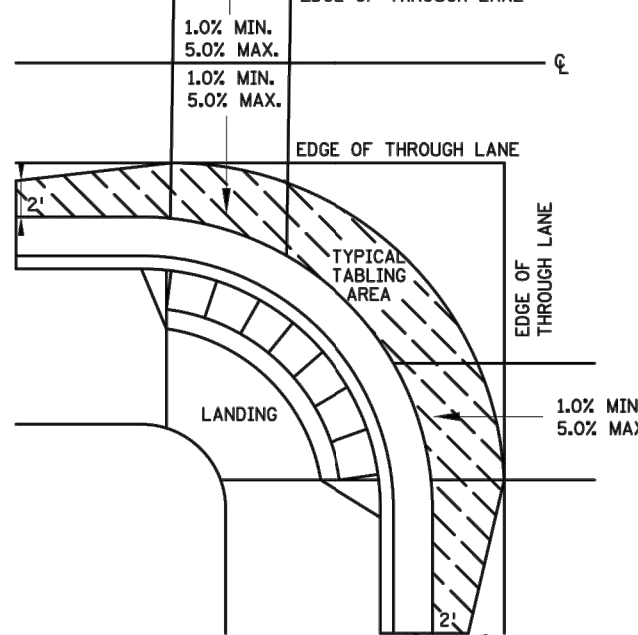
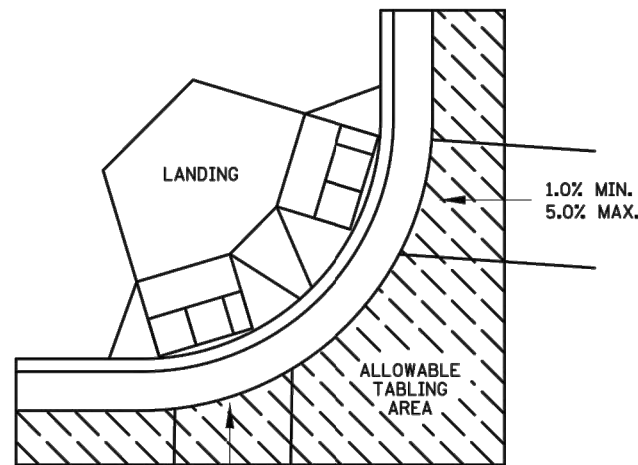
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PEDESTRIAN CURB RAMP DETAILS
SAFE ROUTES TO SCHOOL TRAIL PHASE II

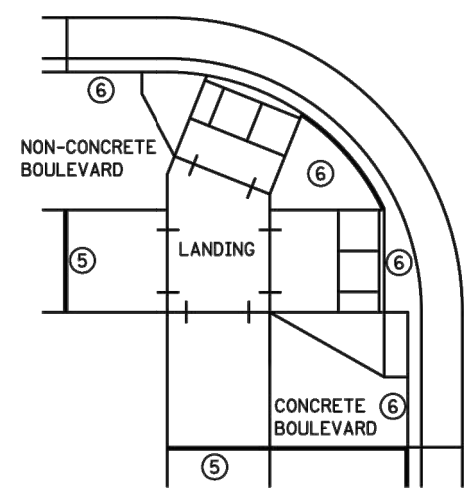
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SP 065-090-003 SHEET NO. 14 OF 54 SHEETS

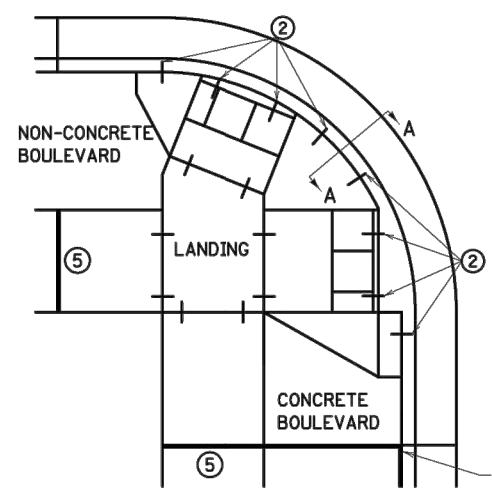
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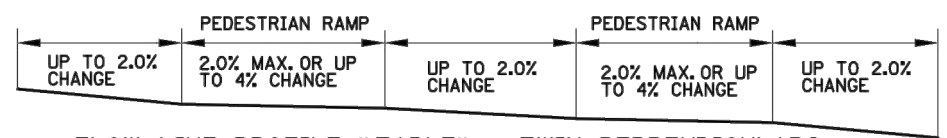
CURB LINE AND ROAD CROSSING ADJUSTMENTS



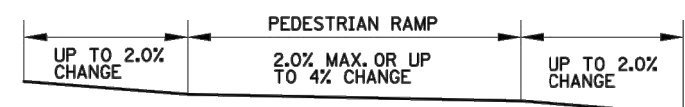
EXPANSION MATERIAL PLACEMENT FOR CONCRETE ROADWAYS



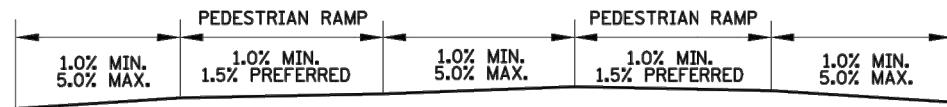
CURB LINE REINFORCEMENT PLACEMENT ON BITUMINOUS ROADWAYS



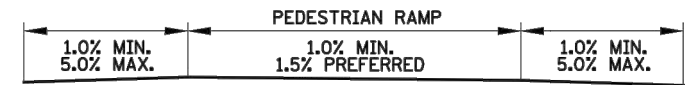
FLOW LINE PROFILE "TABLE" - TWIN PERPENDICULARS



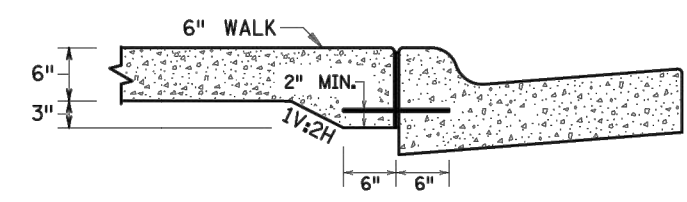
FLOW LINE PROFILE "TABLE" - FAN



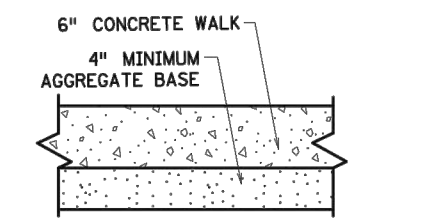
FLOW LINE PROFILE RAISE - TWIN PERPENDICULARS



FLOW LINE PROFILE RAISE - FAN

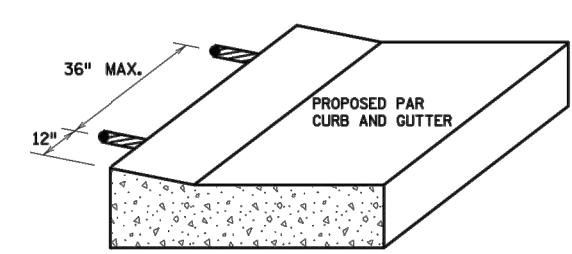


SECTION VIEW A-A THICKENED SECTION THROUGH CURB RAMP FLARES

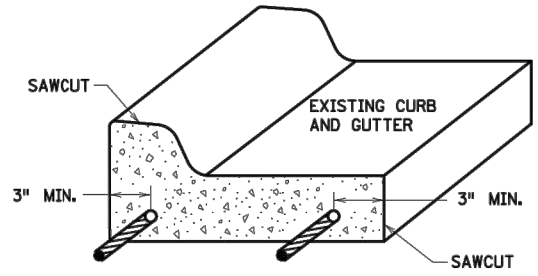


TYPICAL SIDEWALK SECTION WITHIN INTERSECTION CORNER

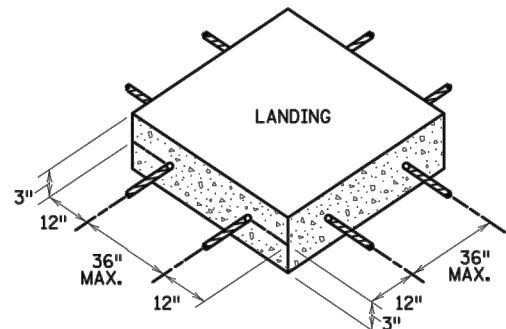
END SILL CURB AT TOP OF CURB RAMP AND DRIVEWAY FLARES.



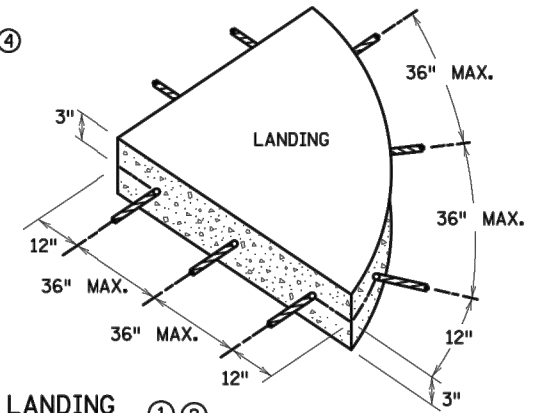
CURB RAMP REINFORCEMENT DETAILS



CURB AND GUTTER REINFORCEMENT



SEPARATE LANDING POUR REINFORCEMENT



GENERAL NOTES:

"TABLING" OF CROSSWALKS MEANS MAINTAINING LESS THAN 2% CROSS SLOPE WITHIN A CROSSWALK, IS REQUIRED WHEN A ROADWAY IS IN A STOP OR YIELD CONDITION AND THE PROJECT SCOPE ALLOWS.

RECONSTRUCTION PROJECTS: ON FULL PAVEMENT REPLACEMENT PROJECTS "TABLING" OF ENTIRE CROSSWALK SHALL OCCUR WHEN FEASIBLE.

MILL & OVERLAY PROJECTS: "TABLING" OF FLOW LINES, IN FRONT OF THE PEDESTRIAN RAMP, IS REQUIRED WHEN THE EXISTING FLOW LINE IS GREATER THAN 2%. WARPING OF THE BITUMINOUS PAVEMENT CAN NOT EXTEND INTO THE THROUGH LANE. TABLE THE FLOW LINE TO 2% OR AS MUCH AS POSSIBLE WHILE ADHERING TO THE FOLLOWING CRITERIA:

- 1) 1.0% MIN. CROSS-SLOPE OF THE ROAD
- 2) 5.0% MAX. CROSS-SLOPE OF THE ROAD
- 3) "TABLE" FLOW LINE UP TO 4% CHANGE FROM EXISTING SLOPE IN FRONT OF PEDESTRIAN RAMP
- 4) UP TO 2% CHANGE IN FLOW LINE FROM EXISTING SLOPE BEYOND THE PEDESTRIAN CURB RAMP

STAND-ALONE ADA RETROFITS: FOLLOW MILL & OVERLAY CRITERIA ABOVE HOWEVER ALL PAVEMENT WARPING IS DONE WITH BITUMINOUS PATCHING ON BITUMINOUS ROADWAYS AND FULL-DEPTH APRON REPLACEMENT ON CONCRETE ROADWAYS.

RAISING OF CURB LINES SHOULD OCCUR IN VERTICALLY CONSTRAINED AREAS. RAISE THE CURB LINES ENOUGH TO ALLOW COMPLIANT RAMPS OR AS MUCH AS POSSIBLE WHILE ADHERING TO THE FOLLOWING CRITERIA:

- 1) 1.0% MIN. AND 5.0% MAXIMUM CROSS-SLOPE OF THE ROAD
- 2) 1.0% MIN. FLOW LINE (ON EITHER SIDE OF PEDESTRIAN RAMP) TO MAINTAIN POSITIVE DRAINAGE
- 3) 5.0% RECOMMENDED MAX. FLOW LINE
- 4) LONGITUDINAL THROUGH LANE ROADWAY TAPERS SHOULD BE 1" VERTICAL PER 15' HORIZONTAL

NOTES:

- ① TO ENSURE RAMPS AND LANDINGS ARE PROPERLY CONSTRUCTED, ALL INITIAL LANDINGS AT A TOP OF A RAMPED SURFACE (RUNNING SLOPE GREATER THAN 2%) SHALL BE FORMED AND PLACED SEPARATELY IN AN INDEPENDENT CONCRETE POUR. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON THIS SHEET FOR ALL SEPARATELY POURED INITIAL LANDINGS.
- ② DRILL AND GROUT NO. 4 12" LONG REINFORCEMENT BARS (EPOXY COATED) AT 36" MAXIMUM CENTER TO CENTER MINIMUM 12" SPACING FROM CONSTRUCTION JOINTS. BARS TO BE ADJUSTED TO MATCH RAMP GRADE. BARS TO BE PAID BY EACH.
- ③ DRILL AND GROUT 2 - NO. 4 X 12" LONG (6" EMBEDDED) REINFORCEMENT BARS (EPOXY COATED). REINFORCEMENT REQUIRED FOR ALL CONSTRUCTION JOINTS. BARS TO BE PAID BY EACH.
- ④ THIS CURB LINE REINFORCEMENT DETAIL SHALL BE USED ON BITUMINOUS ROADWAYS. FOR CONCRETE ROADWAYS, SEE NOTE 6.
- ⑤ CONSTRUCT WITH EXPANSION MATERIAL PER MNDOT SPECIFICATION 3702 TYPES A-E. EXPANSION MATERIAL SHALL MATCH FULL HEIGHT OF ADJACENT CONCRETE.
- ⑥ USE AN APPROVED TYPE F (1/4 INCH THICK) SEPARATION MATERIAL. SEPARATION MATERIAL SHALL MATCH FULL HEIGHT DIMENSION OF ADJACENT CONCRETE.

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m MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 6 OF 6

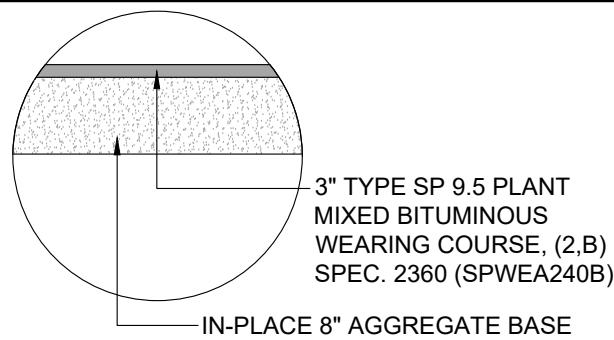
APPROVED: 11-04-2021
REVISED:

Tom Styrbicki
THOMAS STYRBICKI
STATE DESIGN ENGINEER

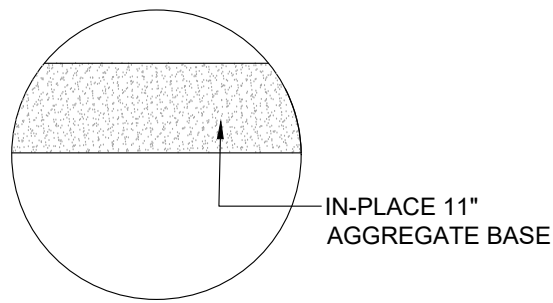
STATE PROJ. NO.

PEDESTRIAN CURB RAMP DETAILS
SAFE ROUTES TO SCHOOL TRAIL PHASE II
OLIVIA, MN

SP 065-090-003 SHEET NO. 15 OF 54 SHEETS

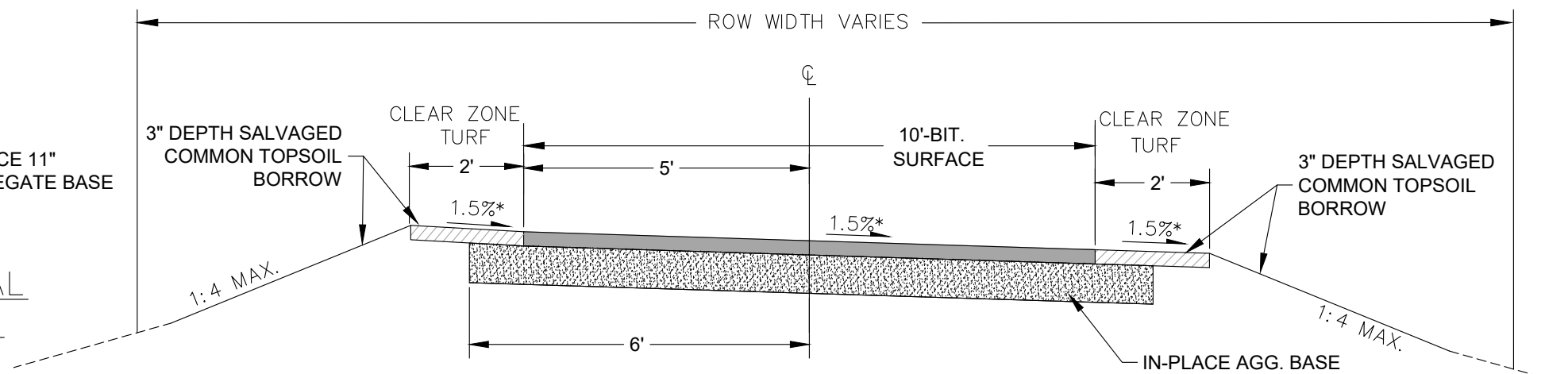


PROPOSED TYPICAL TRAIL SECTION



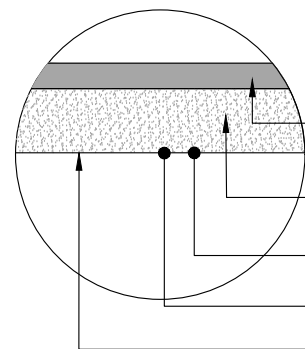
EXISTING TYPICAL TRAIL SECTION

NOTE:
3" OF IN PLACE AGGREGATE BASE
WILL BE REMOVED PRIOR TO PAVING.



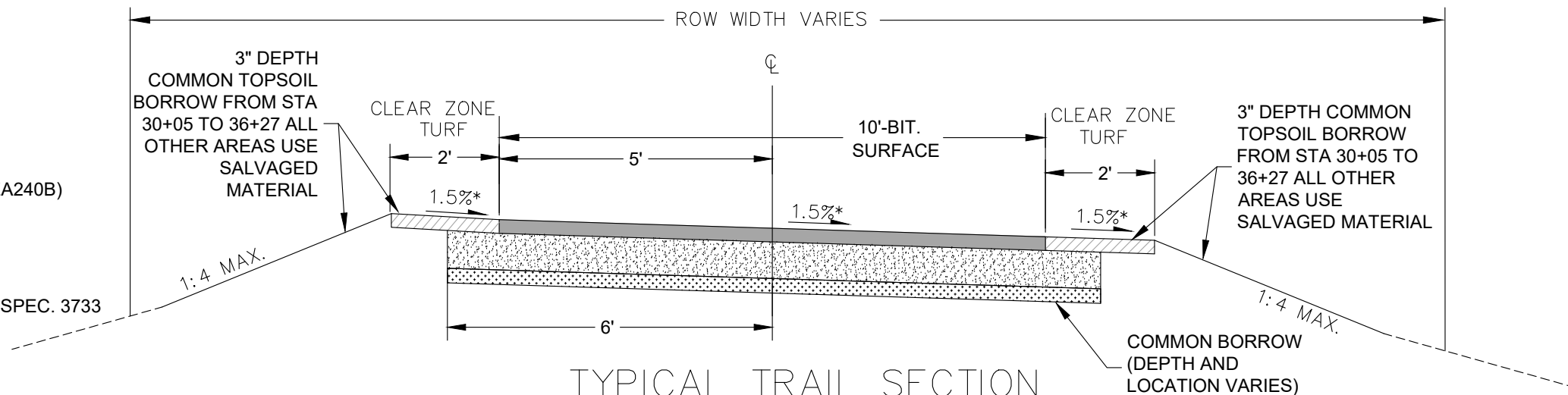
TYPICAL TRAIL SECTION

STA. 0+86.91 TO STA. 7+02
STA. 8+15.65 TO STA. 10+00



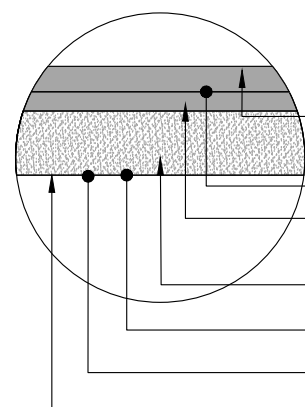
TYPICAL TRAIL SECTION

- 3" TYPE SP 9.5 PLANT MIXED BITUMINOUS WEARING COURSE, (2,B) SPEC. 2360 (SPWEA240B)
- 8" AGGREGATE BASE, CLASS 5
- GEOGRID NX-750
- GEOTEXTILE FABRIC, NON-WOVEN TYPE 5, SPEC. 3733
- 12" SUBGRADE PREPARATION MNDOT SPEC 2112



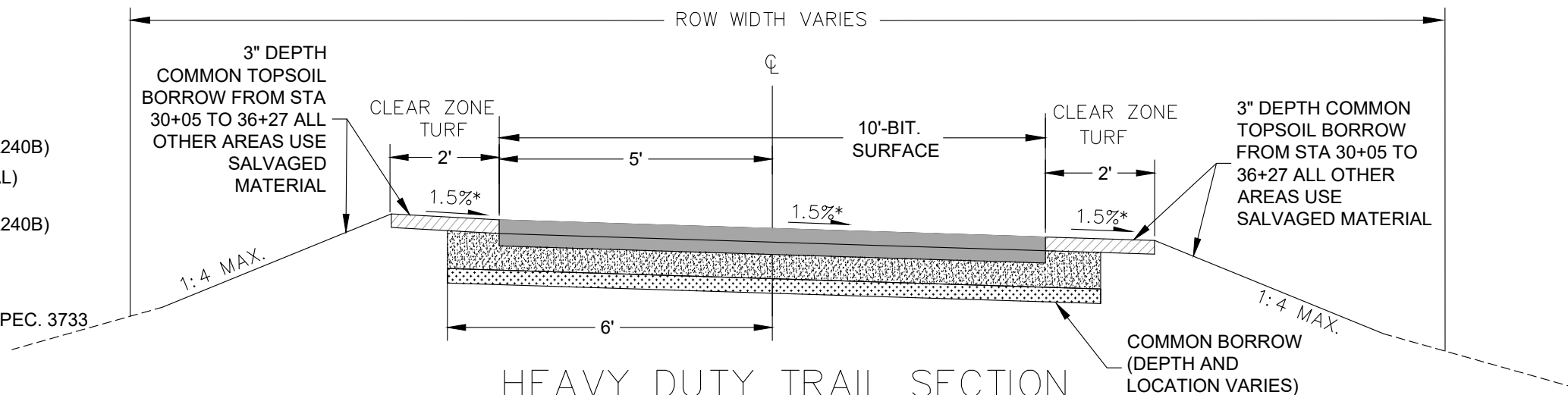
TYPICAL TRAIL SECTION

STA. 7+02 TO STA. 7+71.37
STA. 10+00 TO STA. 27+73.40
STA. 30+05 TO STA. 34+70.76
STA. 34+79.26 TO STA. 36+27



HEAVY DUTY TRAIL SECTION

- 2" TYPE SP 9.5 PLANT MIXED BITUMINOUS WEARING COURSE, (2,B) SPEC. 2360 (SPWEA240B)
- TACK COAT (MNDOT SPEC. 2357) (INCIDENTAL)
- 3" TYPE SP 9.5 PLANT MIXED BITUMINOUS WEARING COURSE, (2,B) SPEC. 2360 (SPWEA240B)
- 8" AGGREGATE BASE, CLASS 5
- GEOGRID NX-750
- GEOTEXTILE FABRIC, NON-WOVEN TYPE 5, SPEC. 3733
- 12" SUBGRADE PREPARATION MNDOT SPEC 2112



HEAVY DUTY TRAIL SECTION

STA. 3+90 TO STA. 4+30
STA. 23+00 TO STA. 23+50

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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	SJP	.		
Designed By	SJP	.		
Checked By	JLB	.		



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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

TYPICAL SECTIONS
SP 065-090-003

SEE SHEET 19

CHESTNUT AVE W

13TH ST

CHESTNUT AVE

PERMANENT EASEMENT

20' TEMPORARY CONST. EASEMENT

10' TEMPORARY CONST. EASEMENT

20' PERMANENT EASEMENT

20' TEMPORARY CONST. EASEMENT

R/W (TYP.)

BIRCH AVE

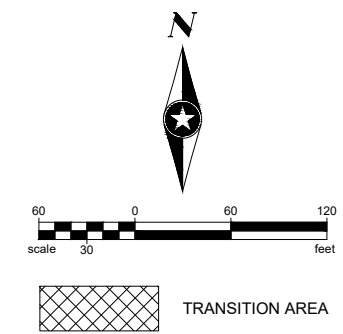
BAYBERRY AVE

R/W (TYP.)

SEE SHEET 18

ALIGNMENT TABULATION - TRAIL ALIGNMENT - (1)

POINT ID	POINT	STATION	DELTA	RADIUS	TANGENT	LENGTH	NORTHING	EASTING	BEARING	START STATION	END STATION	START NORTHING	START EASTING	END NORTHING	END EASTING
L2		7+89.00				19.69	214247.7071	406015.6778	S 00° 28' 48" E	7+89.00	8+08.69	214247.7071	406015.6778	214228.0221	406015.8428
L3		8+08.69				45.17	214228.0221	406015.8428	S 00° 28' 48" E	8+08.69	8+53.85	214228.0221	406015.8428	214182.8568	406016.2213
C24		8+53.85	003° 56' 19"	180.00	6.19	12.37	214182.8568	406016.2213		8+53.85	8+66.23	214182.8568	406016.2213	214170.4971	406016.7500
L4		8+66.23				34.94	214170.4971	406016.7500	S 04° 25' 07" E	8+66.23	9+01.16	214170.4971	406016.7500	214135.6635	406019.4417
C23		9+01.16	003° 56' 19"	180.00	6.19	12.37	214135.6635	406019.4417		9+01.16	9+13.54	214135.6635	406019.4417	214123.3038	406019.9704
L5		9+13.54				81.57	214123.3038	406019.9704	S 00° 28' 48" E	9+13.54	9+95.11	214123.3038	406019.9704	214041.7373	406020.6540
C26		9+95.11	050° 47' 29"	125.00	59.34	110.81	214041.7373	406020.6540		9+95.11	11+05.92	214041.7373	406020.6540	213945.2700	406067.4455
L37		11+05.92				45.32	213945.2700	406067.4455	S 51° 16' 17" E	11+05.92	11+51.23	213945.2700	406067.4455	213916.9177	406102.7988
C25		11+51.23	037° 43' 41"	125.00	42.71	82.31	213916.9177	406102.7988		11+51.23	12+33.54	213916.9177	406102.7988	213889.4515	406178.8200
L6		12+33.54				399.04	213889.4515	406178.8200	S 88° 59' 58" E	12+33.54	16+32.59	213889.4515	406178.8200	213882.4831	406577.8022
C27		16+32.59	074° 09' 24"	79.00	59.70	102.25	213882.4831	406577.8022		16+32.59	17+34.83	213882.4831	406577.8022	213823.7322	406652.7866
L7		17+34.83				29.64	213823.7322	406652.7866	S 14° 50' 34" E	17+34.83	17+64.48	213823.7322	406652.7866	213795.0792	406660.3799
C28		17+64.48	074° 44' 26"	79.00	60.34	103.05	213795.0792	406660.3799		17+64.48	18+67.53	213795.0792	406660.3799	213736.3184	406736.1694
L8		18+67.53				260.45	213736.3184	406736.1694	S 89° 35' 00" E	18+67.53	21+27.98	213736.3184	406736.1694	213734.4244	406996.6119
C29		21+27.98	064° 46' 04"	79.00	50.10	89.30	213734.4244	406996.6119		21+27.98	22+17.28	213734.4244	406996.6119	213688.5827	407067.7428
L9		22+17.28				66.29	213688.5827	407067.7428	S 24° 48' 56" E	22+17.28	22+83.58	213688.5827	407067.7428	213628.4093	407095.5666
L38		23+95.62				226.56	213570.3940	407184.6103	S 89° 00' 46" E	23+95.62	26+22.18	213570.3940	407184.6103	213566.4911	407411.1345
C31		26+22.18	088° 54' 00"	100.17	98.26	155.42	213566.4911	407411.1345		26+22.18	27+77.60	213566.4911	407411.1345	213466.5354	407509.5767
L39		27+77.60				22.40	213466.5354	407509.5767	S 00° 06' 47" E	27+77.60	28+00.00	213466.5354	407509.5767	213444.1354	407509.6209



ALIGNMENT TABULATION - 11TH ST CONNECTION - (1)

POINT ID	POINT	STATION	DELTA	RADIUS	TANGENT	LENGTH	NORTHING	EASTING	BEARING	START STATION	END STATION	START NORTHING	START EASTING	END NORTHING	END EASTING
L40		50+00.00				2.35	213857.5922	406633.9944	N 46° 46' 56" E	50+00.00	50+02.35	213857.5922	406633.9944	213859.2023	406635.7079
C32		50+02.35	042° 53' 13"	79.00	31.03	59.13	213859.2023	406635.7079		50+02.35	50+61.48	213859.2023	406635.7079	213880.6292	406689.3489
L41		50+61.48				18.31	213880.6292	406689.3489	N 89° 40' 09" E	50+61.48	50+79.80	213880.6292	406689.3489	213880.7350	406707.6627

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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	SJP, KLL			
Designed By	SJP, KLL			
Checked By	JLB			



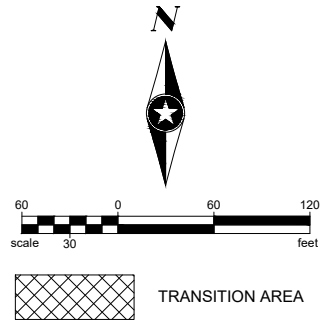
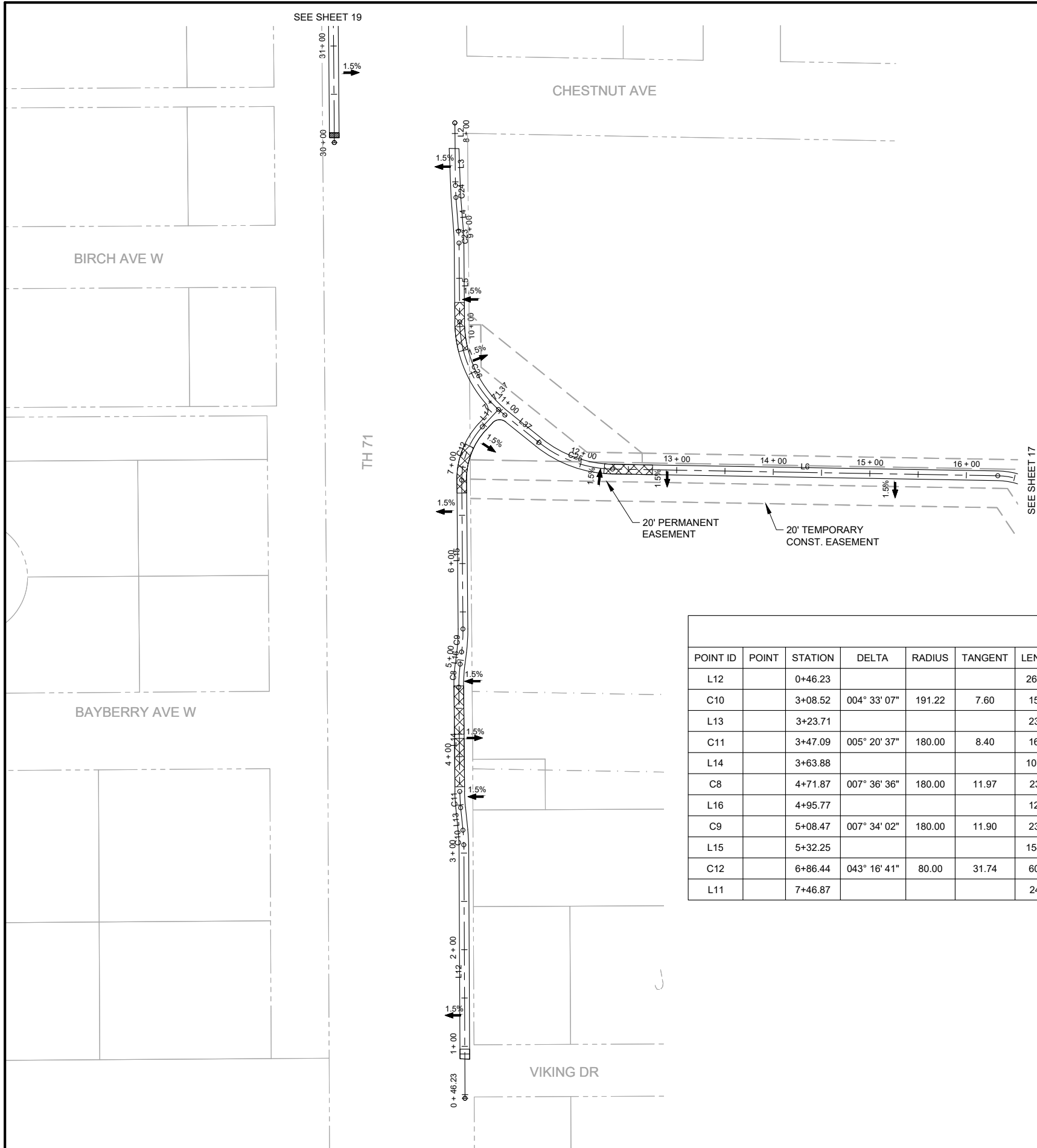
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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

ALIGNMENT PLAN
SP 065-090-003

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SEE SHEET 19



ALIGNMENT TABULATION - SOUTH TRAIL

POINT ID	POINT	STATION	DELTA	RADIUS	TANGENT	LENGTH	NORTHING	EASTING	BEARING	START STATION	END STATION	START NORTHING	START EASTING	END NORTHING	END EASTING
L12		0+46.23				262.29	213238.2621	406026.1370	N 00° 14' 53" W	0+46.23	3+08.52	213238.2621	406026.1370	213500.5494	406025.0009
C10		3+08.52	004° 33' 07"	191.22	7.60	15.19	213500.5494	406025.0009		3+08.52	3+23.71	213500.5494	406025.0009	213515.7082	406024.0723
L13		3+23.71				23.38	213515.7082	406024.0723	N 05° 51' 49" W	3+23.71	3+47.09	213515.7082	406024.0723	213538.9668	406021.6837
C11		3+47.09	005° 20' 37"	180.00	8.40	16.79	213538.9668	406021.6837		3+47.09	3+63.88	213538.9668	406021.6837	213555.7218	406020.7493
L14		3+63.88				107.99	213555.7218	406020.7493	N 00° 31' 22" W	3+63.88	4+71.87	213555.7218	406020.7493	213663.7037	406019.7641
C8		4+71.87	007° 36' 36"	180.00	11.97	23.91	213663.7037	406019.7641		4+71.87	4+95.77	213663.7037	406019.7641	213687.5542	406021.1319
L16		4+95.77				12.70	213687.5542	406021.1319	N 07° 05' 14" E	4+95.77	5+08.47	213687.5542	406021.1319	213700.1564	406022.6987
C9		5+08.47	007° 34' 02"	180.00	11.90	23.77	213700.1564	406022.6987		5+08.47	5+32.25	213700.1564	406022.6987	213723.8730	406024.0677
L15		5+32.25				154.19	213723.8730	406024.0677	N 00° 28' 48" W	5+32.25	6+86.44	213723.8730	406024.0677	213878.0602	406022.7756
C12		6+86.44	043° 16' 41"	80.00	31.74	60.43	213878.0602	406022.7756		6+86.44	7+46.87	213878.0602	406022.7756	213933.0838	406044.0725
L11		7+46.87				24.51	213933.0838	406044.0725	N 42° 47' 53" E	7+46.87	7+71.37	213933.0838	406044.0725	213951.0656	406060.7226

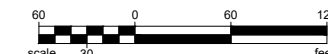
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Drawn By	SJP, KLL	.		
Designed By	SJP, KLL	.		
Checked By	JLB	.		



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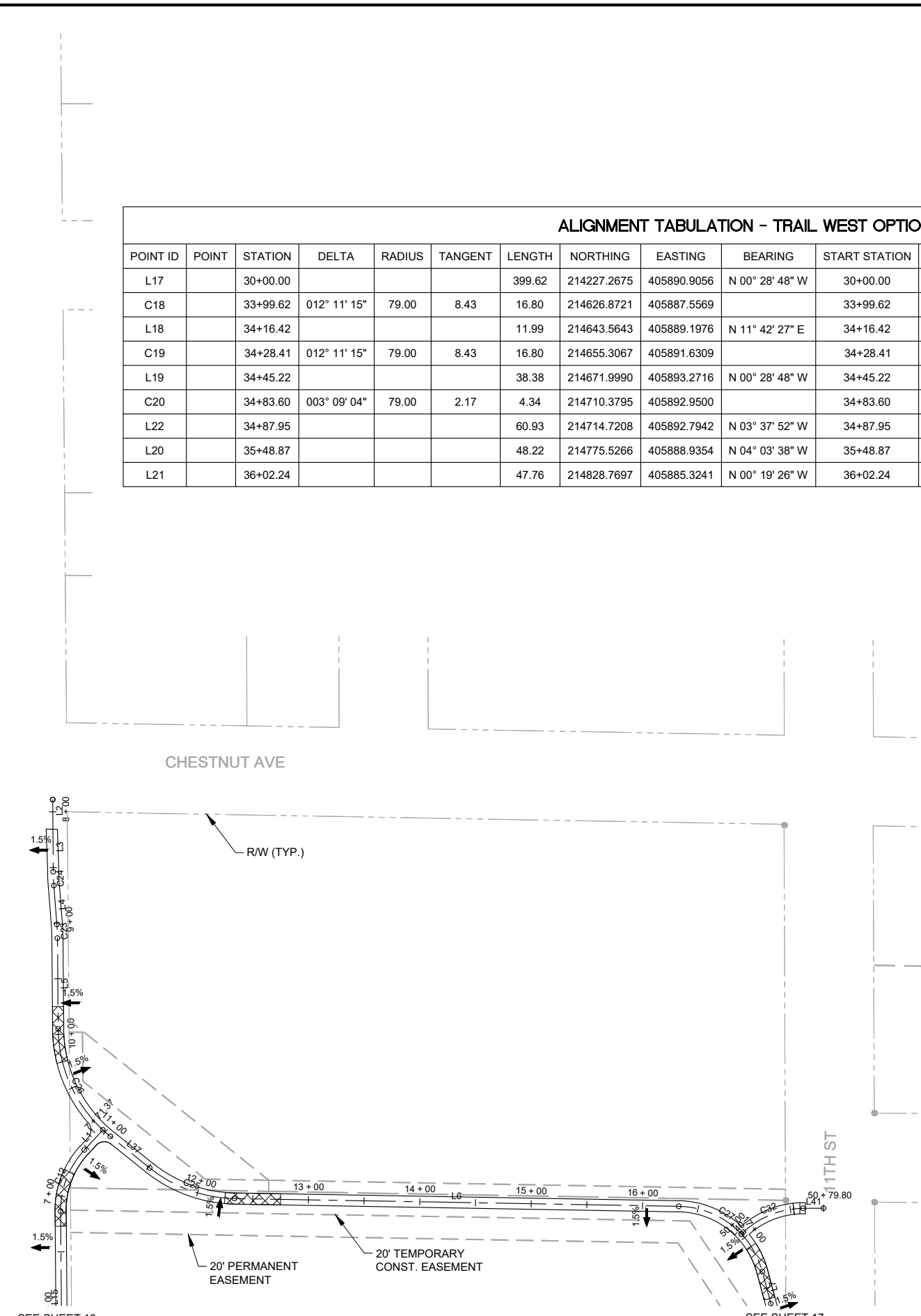
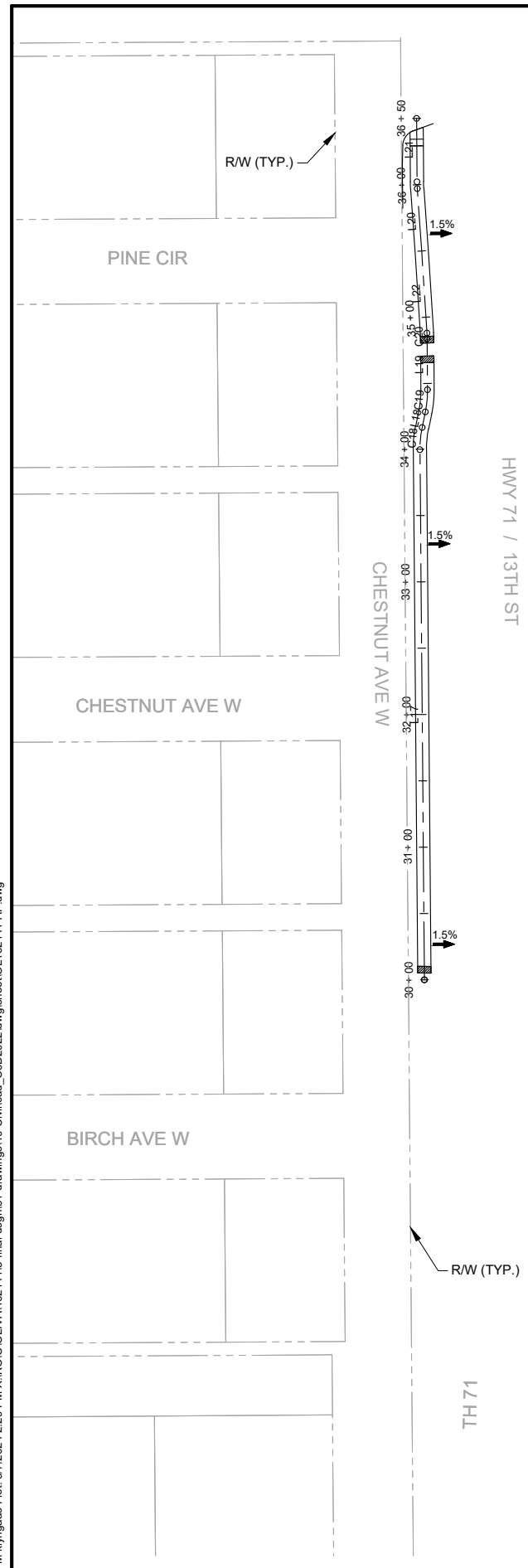
SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

ALIGNMENT PLAN
SP 065-090-003



ALIGNMENT TABULATION - TRAIL WEST OPTION 2 - (1)

POINT ID	POINT	STATION	DELTA	RADIUS	TANGENT	LENGTH	NORTHING	EASTING	BEARING	START STATION	END STATION	START NORTHING	START EASTING	END NORTHING	END EASTING
L17		30+00.00				399.62	214227.2675	405890.9056	N 00° 28' 48" W	30+00.00	33+99.62	214227.2675	405890.9056	214626.8721	405887.5569
C18		33+99.62	012° 11' 15"	79.00	8.43	16.80	214626.8721	405887.5569		33+99.62	34+16.42	214626.8721	405887.5569	214643.5643	405889.1976
L18		34+16.42				11.99	214643.5643	405889.1976	N 11° 42' 27" E	34+16.42	34+28.41	214643.5643	405889.1976	214655.3067	405891.6309
C19		34+28.41	012° 11' 15"	79.00	8.43	16.80	214655.3067	405891.6309		34+28.41	34+45.22	214655.3067	405891.6309	214671.9990	405893.2716
L19		34+45.22				38.38	214671.9990	405893.2716	N 00° 28' 48" W	34+45.22	34+83.60	214671.9990	405893.2716	214710.3795	405892.9500
C20		34+83.60	003° 09' 04"	79.00	2.17	4.34	214710.3795	405892.9500		34+83.60	34+87.95	214710.3795	405892.9500	214714.7208	405892.7942
L22		34+87.95				60.93	214714.7208	405892.7942	N 03° 37' 52" W	34+87.95	35+48.87	214714.7208	405892.7942	214775.5266	405888.9354
L20		35+48.87				48.22	214775.5266	405888.9354	N 04° 03' 38" W	35+48.87	35+97.09	214775.5266	405888.9354	214823.6224	405885.5212
L21		36+02.24				47.76	214828.7697	405885.3241	N 00° 19' 26" W	36+02.24	36+50.00	214828.7697	405885.3241	214876.5253	405885.0541



SEE SHEET 18

SEE SHEET 17

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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	SJP, KLL	.		
Designed By	SJP, KLL	.		
Checked By	JLB	.		



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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

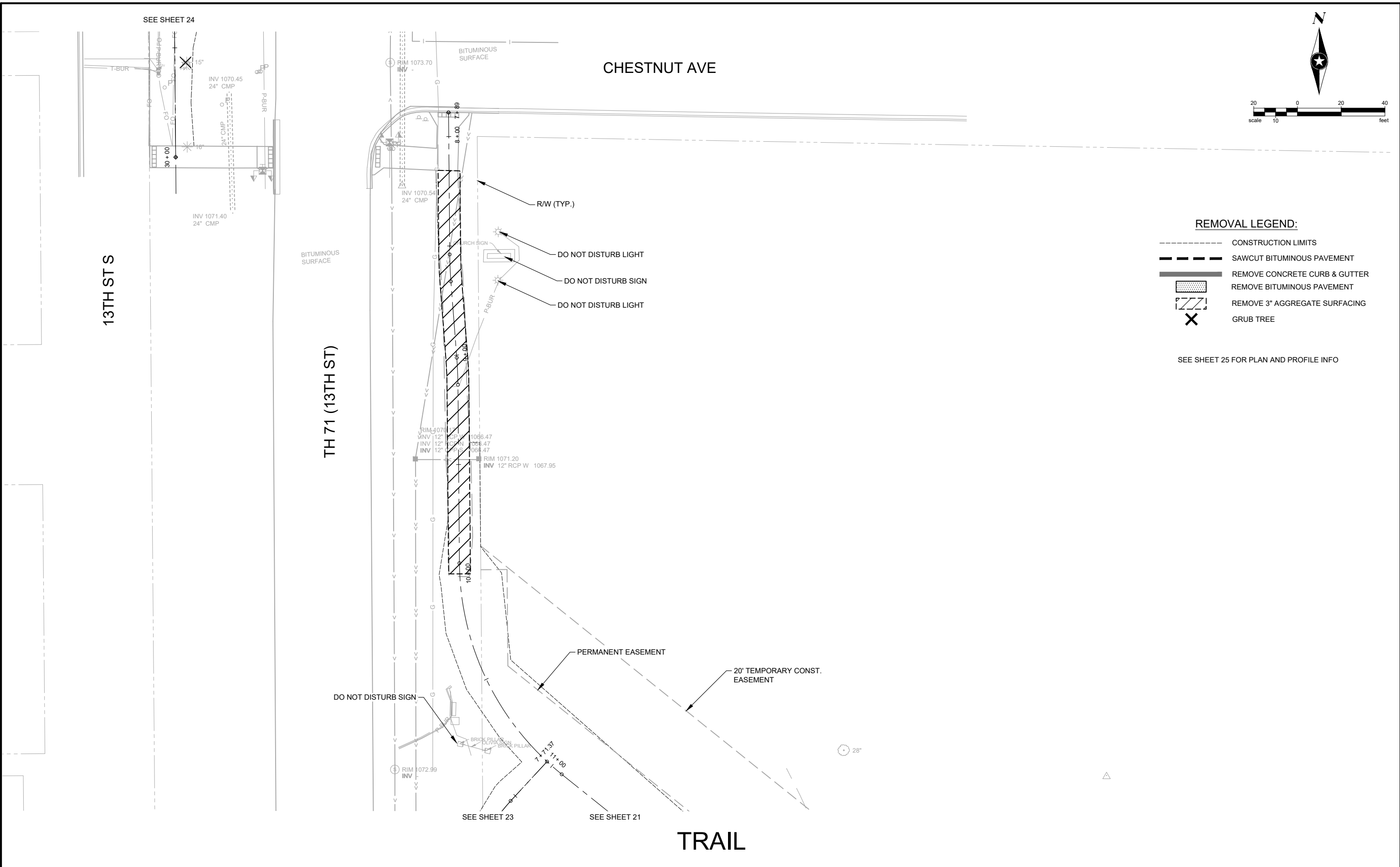
ALIGNMENT PLAN
SP 065-090-003



REMOVAL LEGEND:

- CONSTRUCTION LIMITS
- SAWCUT BITUMINOUS PAVEMENT
- REMOVE CONCRETE CURB & GUTTER
- REMOVE BITUMINOUS PAVEMENT
- REMOVE 3" AGGREGATE SURFACING
- ✕ GRUB TREE

SEE SHEET 25 FOR PLAN AND PROFILE INFO



SEE SHEET 24

13TH ST S

TH 71 (13TH ST)

CHESTNUT AVE

TRAIL

SEE SHEET 23

SEE SHEET 21

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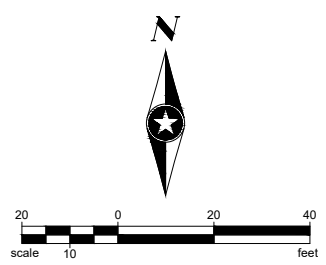
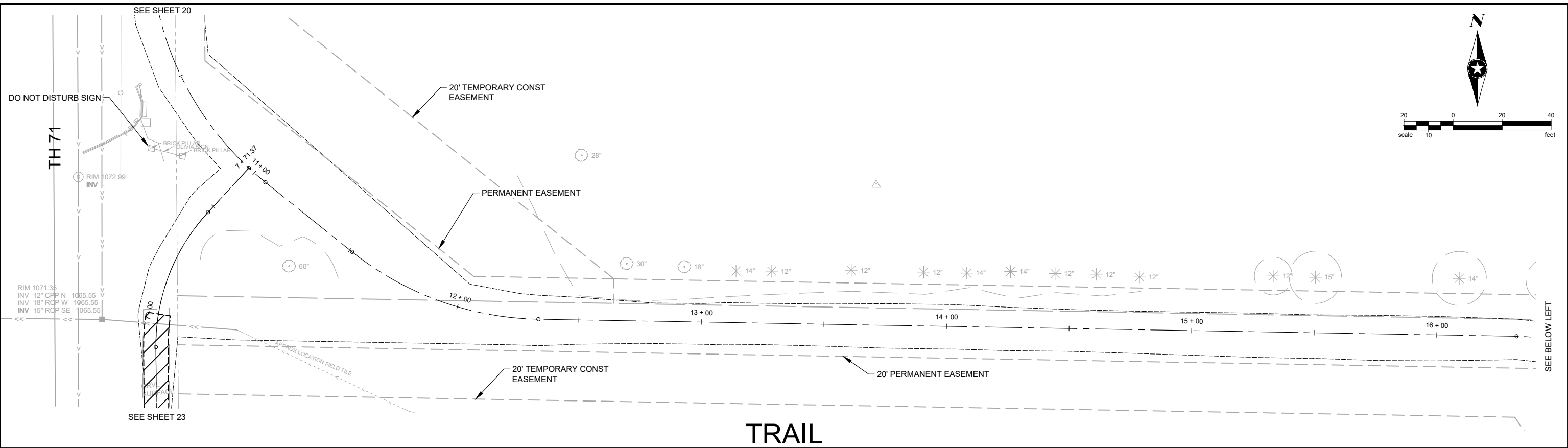
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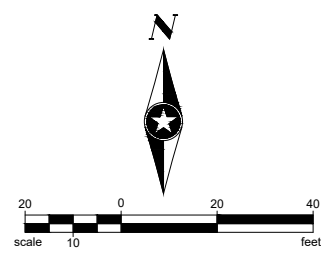
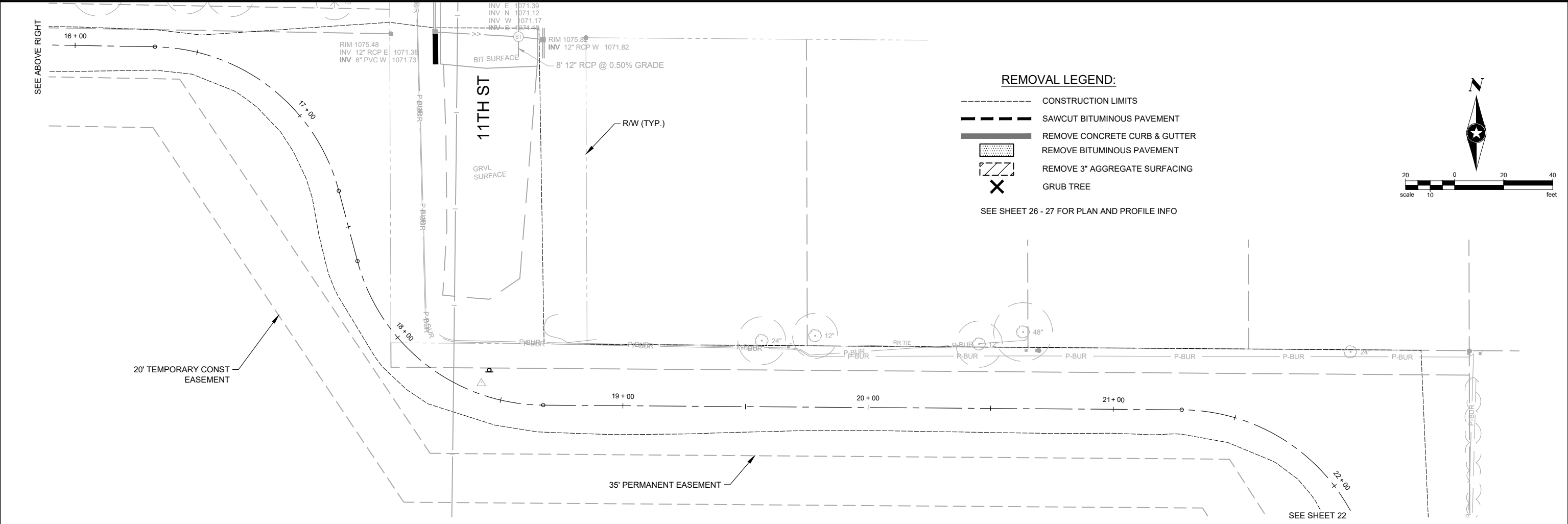
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SAFE ROUTES TO SCHOOL TRAIL
 PHASE II
 OLIVA, MN

REMOVALS
 SP 065-090-003



TRAIL



REMOVAL LEGEND:

- CONSTRUCTION LIMITS
- SAWCUT BITUMINOUS PAVEMENT
- REMOVE CONCRETE CURB & GUTTER
- REMOVE BITUMINOUS PAVEMENT
- REMOVE 3\"/>

SEE SHEET 26 - 27 FOR PLAN AND PROFILE INFO

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Designed By	KLL	.		
Checked By	JLB	.		

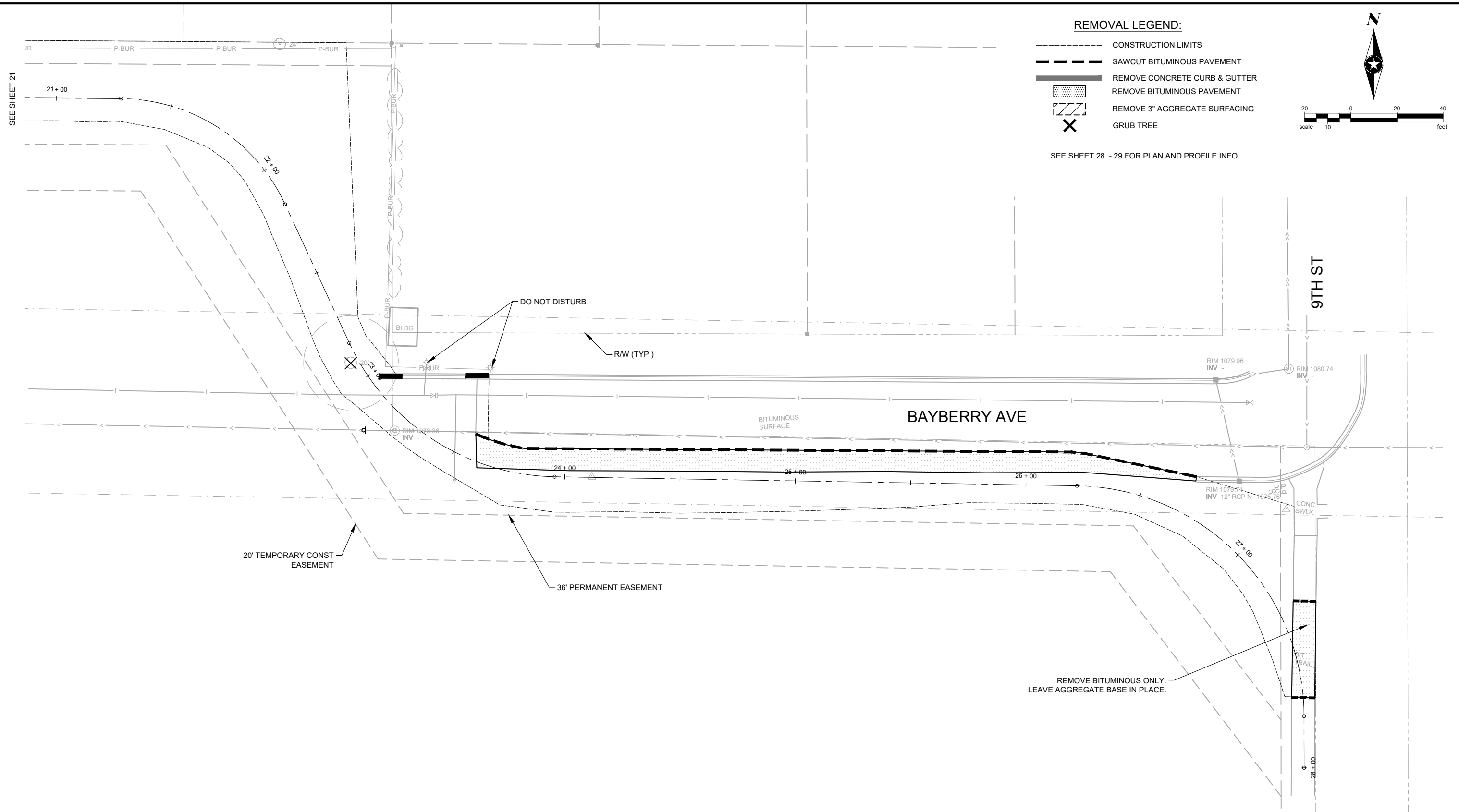


90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

REMOVALS
SP 065-090-003

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TRAIL

SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
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Designed By	KLL	.		
Checked By	JLB	.		

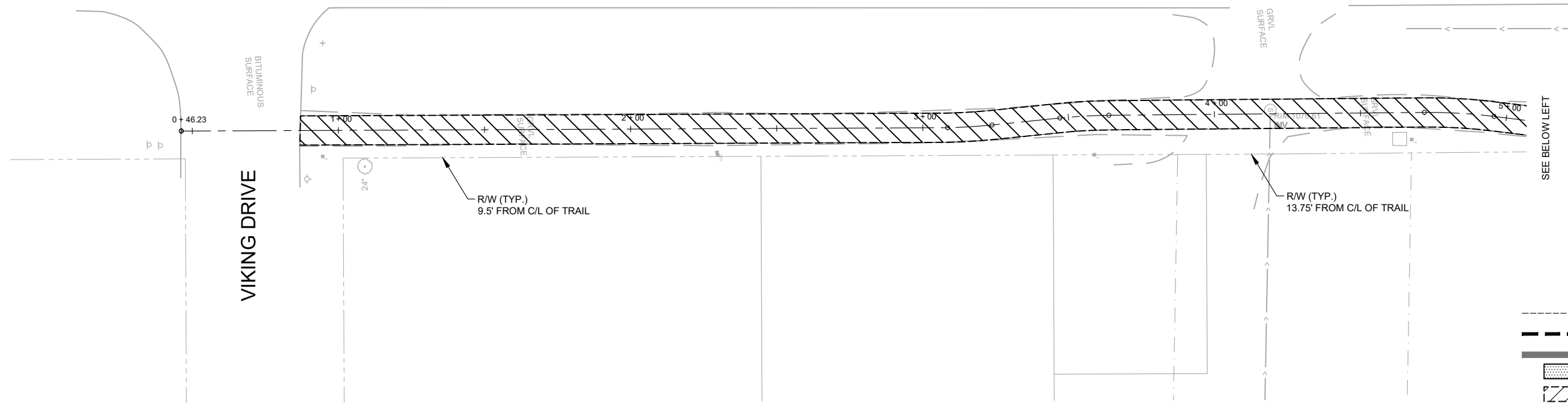


90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

REMOVALS
SP 065-090-003

HIGHWAY 71 / 13TH ST.



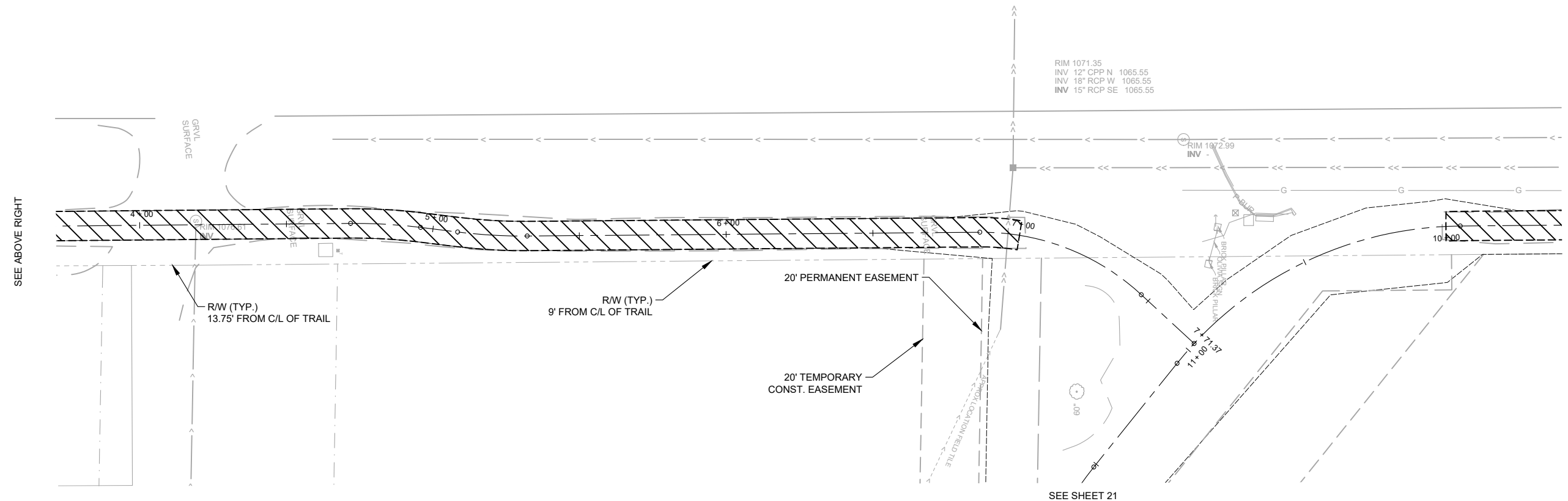
SEE BELOW LEFT

REMOVAL LEGEND:

- CONSTRUCTION LIMITS
- SAWCUT BITUMINOUS PAVEMENT
- REMOVE CONCRETE CURB & GUTTER
- REMOVE BITUMINOUS PAVEMENT
- REMOVE 3" AGGREGATE SURFACING
- X GRUB TREE

SEE SHEET 30 - 31 FOR PLAN AND PROFILE INFO

SOUTH TRAIL



SEE ABOVE RIGHT

SEE SHEET 20

SEE SHEET 21

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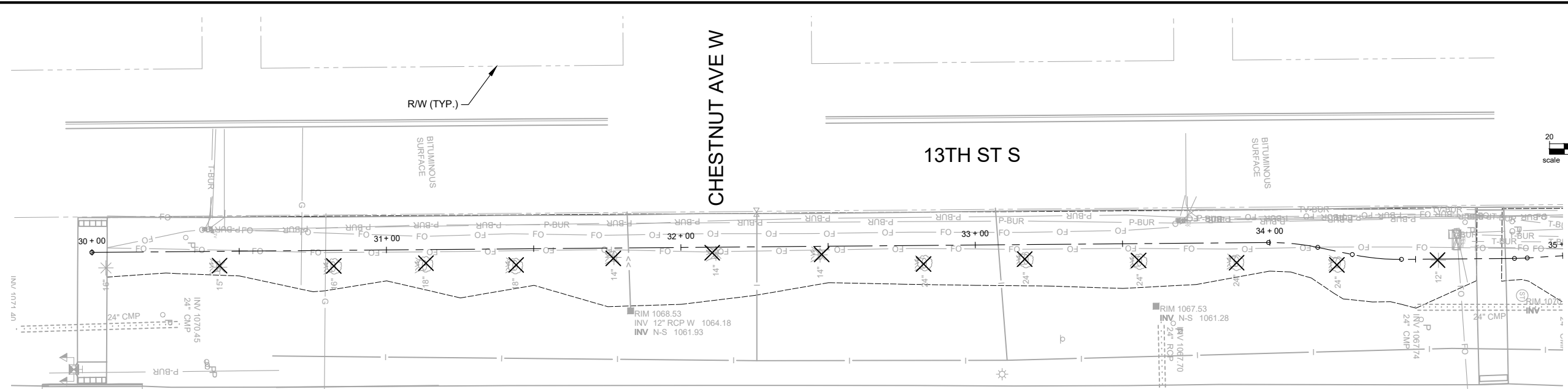
SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	KLL	.		
Designed By	KLL	.		
Checked By	JLB	.		



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
 OLIVA, MN

REMOVALS
 SP 065-090-003



SEE BELOW LEFT

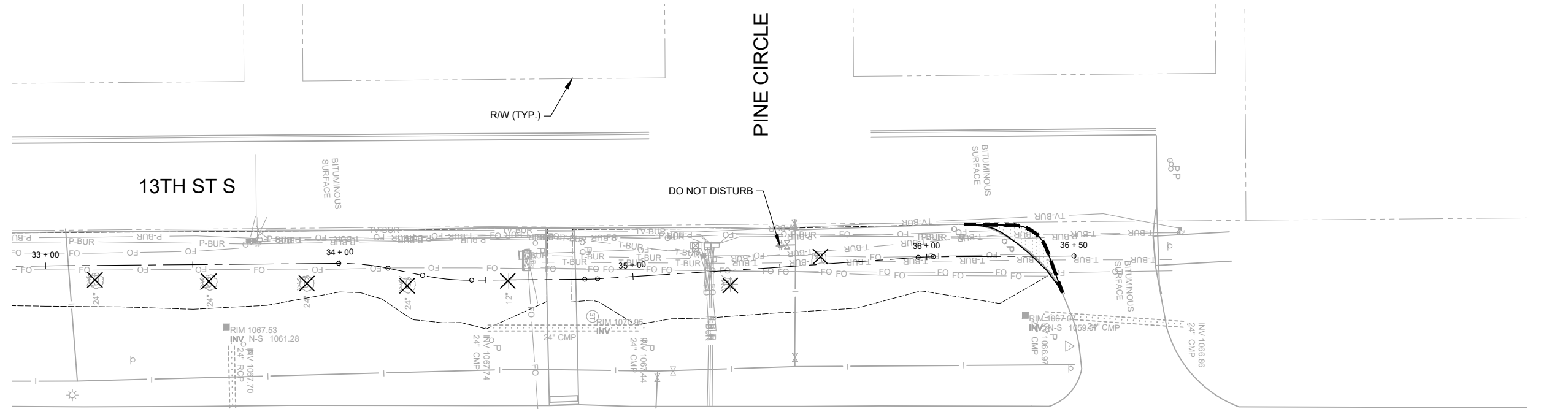
TH 71 (13TH ST)

REMOVAL LEGEND:

- CONSTRUCTION LIMITS
 - SAWCUT BITUMINOUS PAVEMENT
 - REMOVE CONCRETE CURB & GUTTER
 - REMOVE BITUMINOUS PAVEMENT
 - REMOVE 3" AGGREGATE SURFACING
 - GRUB TREE
- SEE SHEET 32 - 33 FOR PLAN AND PROFILE INFO



WEST TRAIL



TH 71 (13TH ST)

SEE SHEET 20

SEE ABOVE RIGHT

Save: 3/6/2024 12:42 PM klyrgaas Plot: 3/7/2024 2:32 PM X:\KOO\OLIVA\1621415\final-dsgn\51-drawings\10-Civil\cad_C3D2022\dwg\sheet\OL_162141_RM.dwg

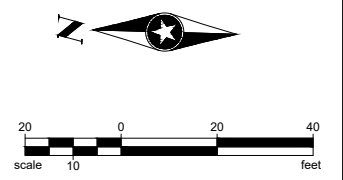
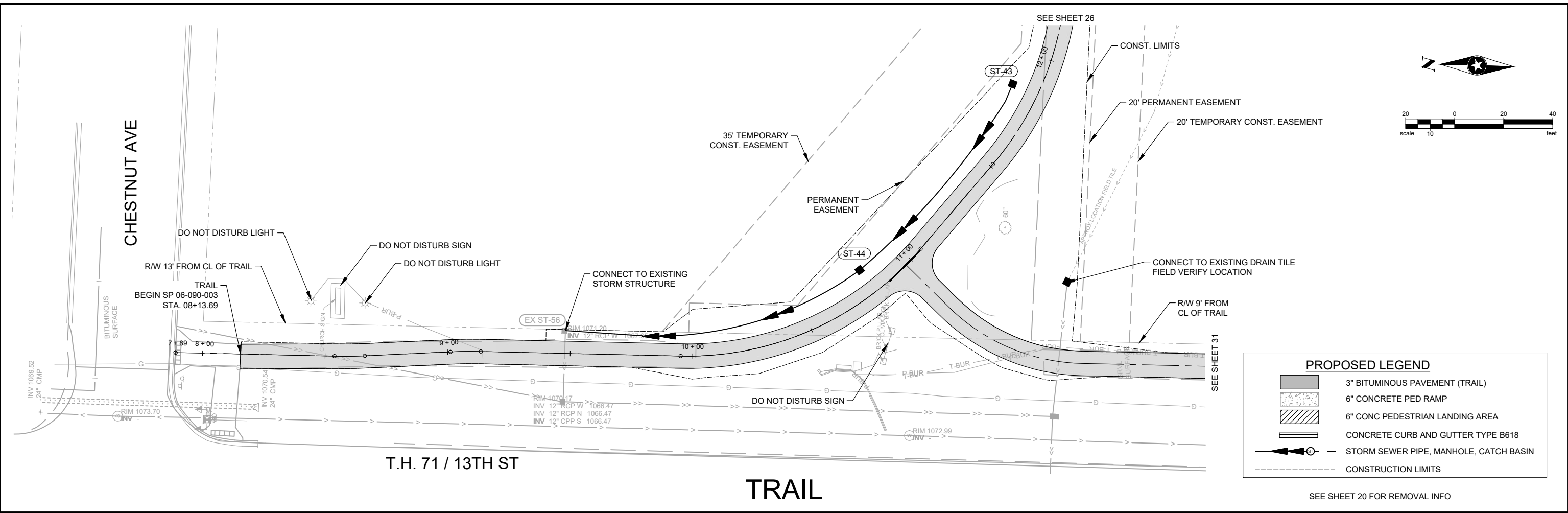
SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	KLL	.		
Designed By	KLL	.		
Checked By	JLB	.		



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

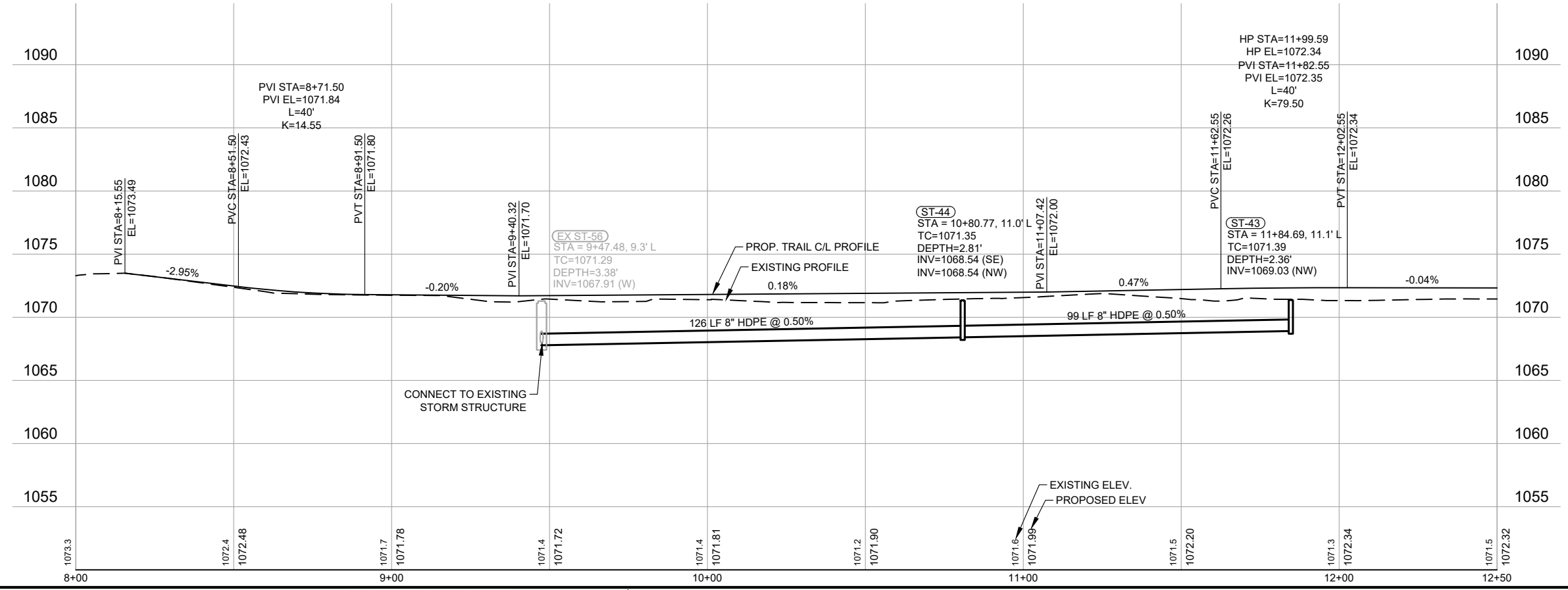
REMOVALS
SP 065-090-003



PROPOSED LEGEND

- 3" BITUMINOUS PAVEMENT (TRAIL)
- 6" CONCRETE PED RAMP
- 6" CONC PEDESTRIAN LANDING AREA
- CONCRETE CURB AND GUTTER TYPE B618
- STORM SEWER PIPE, MANHOLE, CATCH BASIN
- CONSTRUCTION LIMITS

SEE SHEET 20 FOR REMOVAL INFO



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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
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Designed By	SJP, KLL	.		
Checked By	JLB	.		

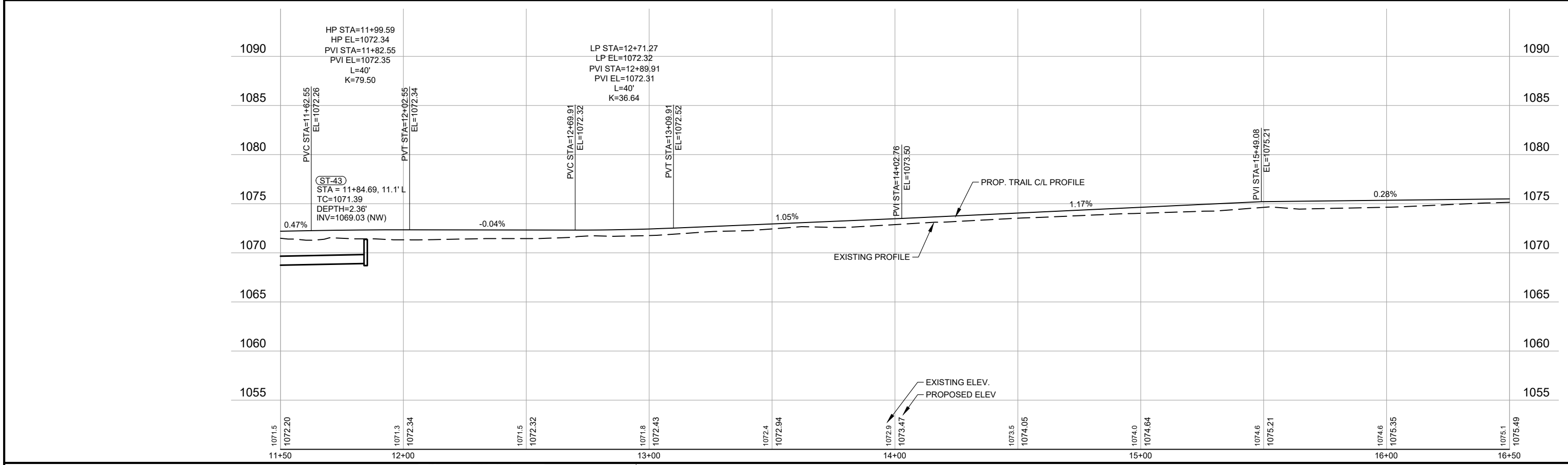
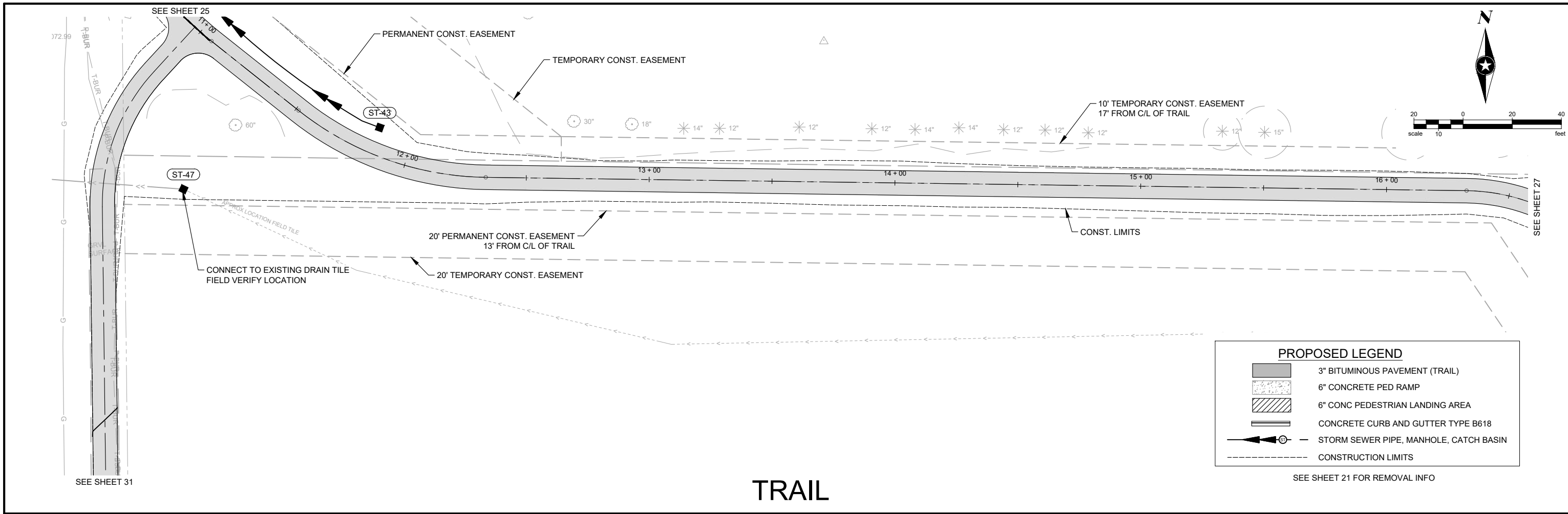


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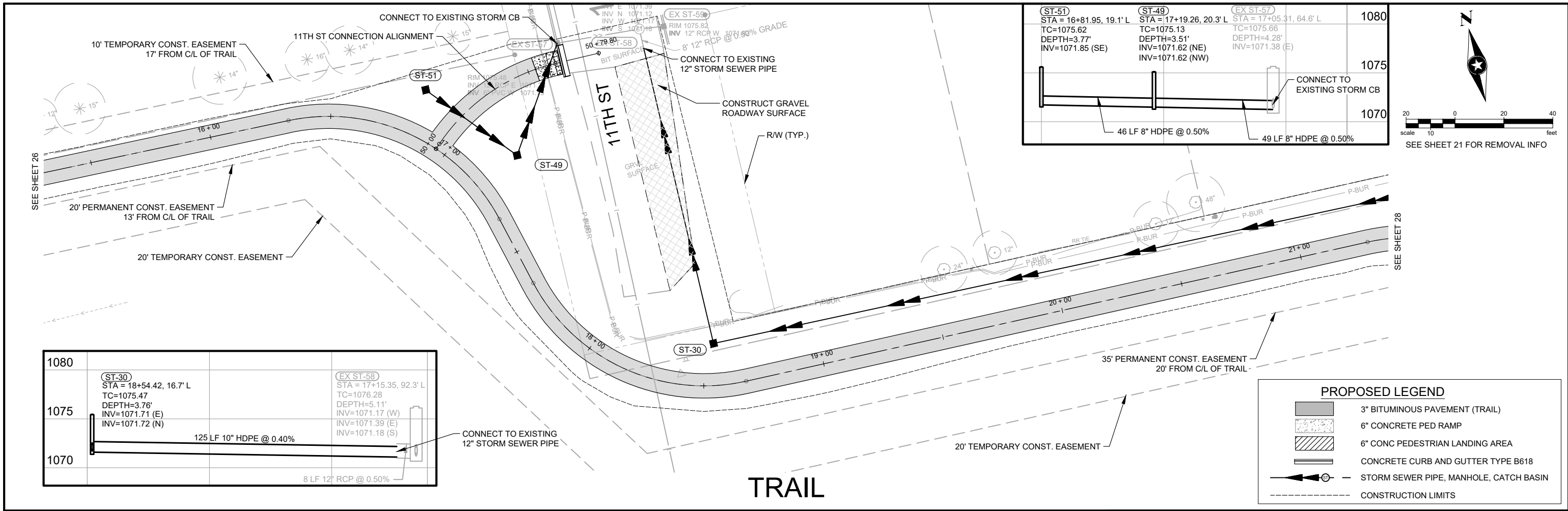
SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

PLAN & PROFILE
TRAIL
SP 065-090-003

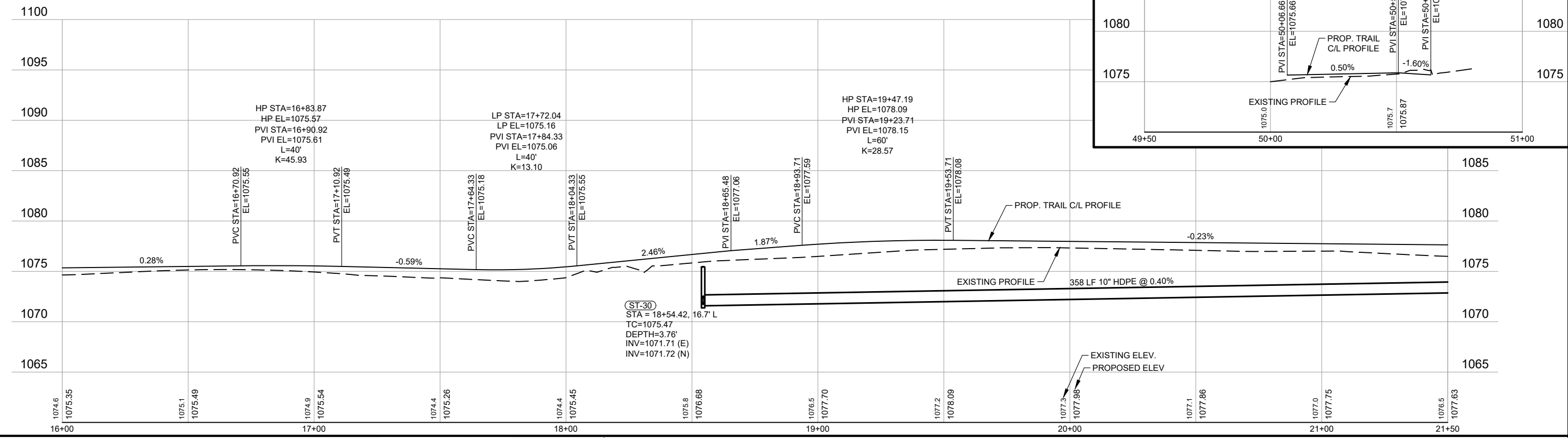
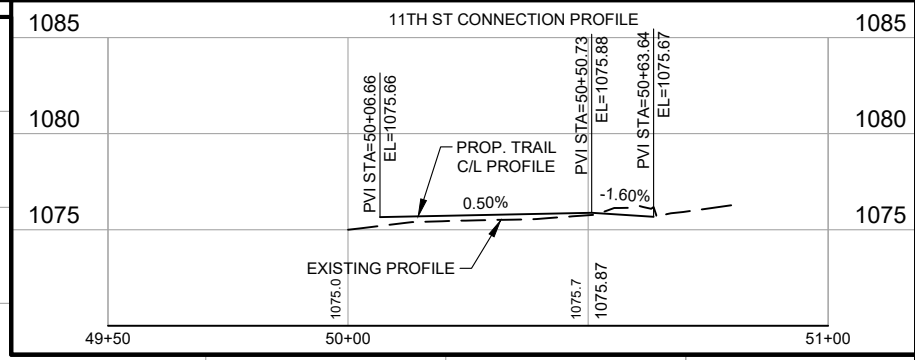
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1080	(ST-30) STA = 18+54.42, 16.7' L TC=1075.47 DEPTH=3.76' INV=1071.71 (E) INV=1071.72 (N)	(EX ST-58) STA = 17+15.35, 92.3' L TC=1076.28 DEPTH=5.11' INV=1071.17 (W) INV=1071.39 (E) INV=1071.18 (S)
1075	125 LF 10" HDPE @ 0.40%	
1070	8 LF 12" RCP @ 0.50%	



SEH Project	OLIVA162141
Drawn By	SJP, KLL
Designed By	SJP, KLL
Checked By	JLB

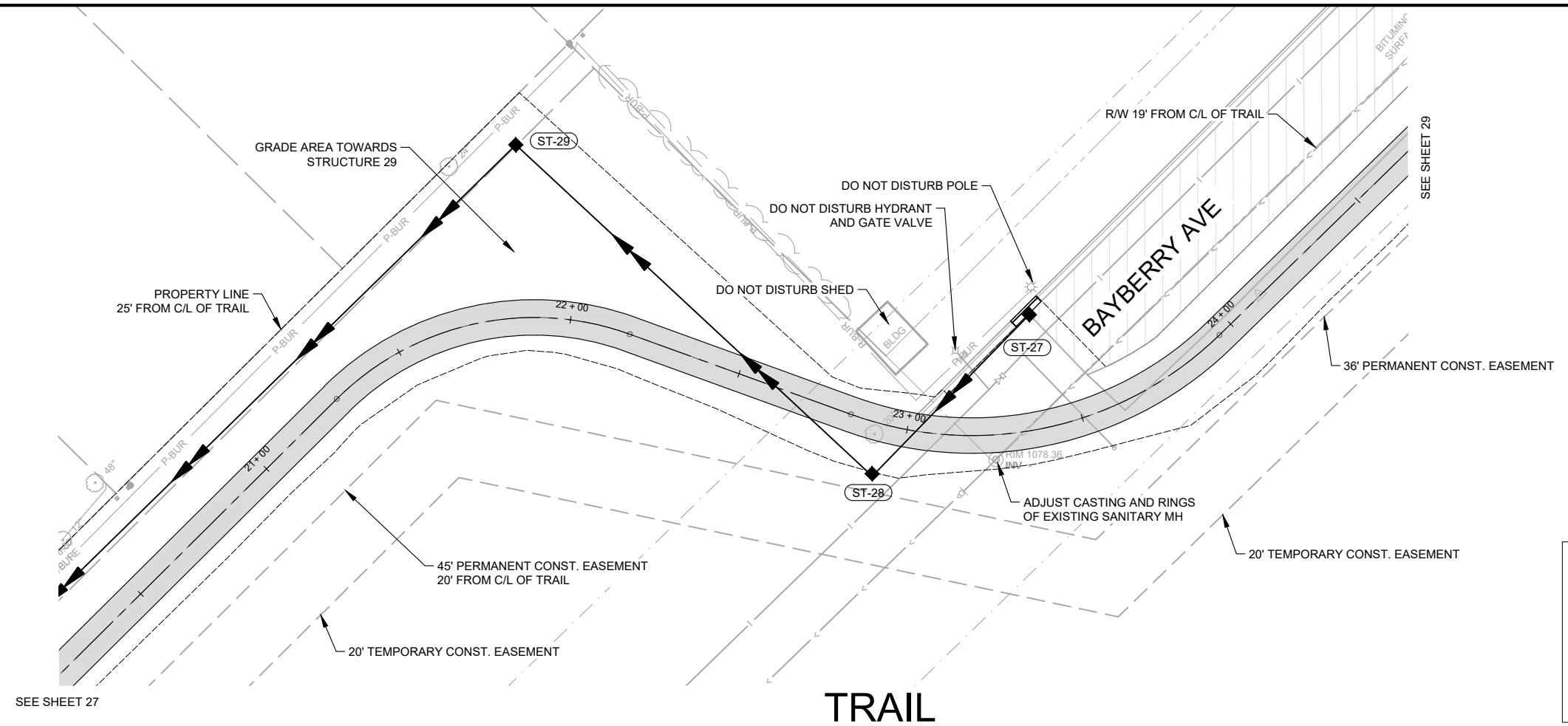
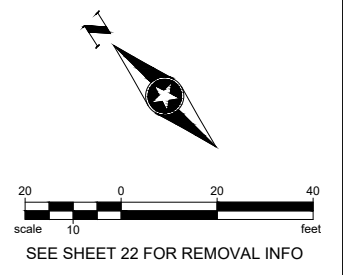
Rev.#	Revision Issue Description	Date



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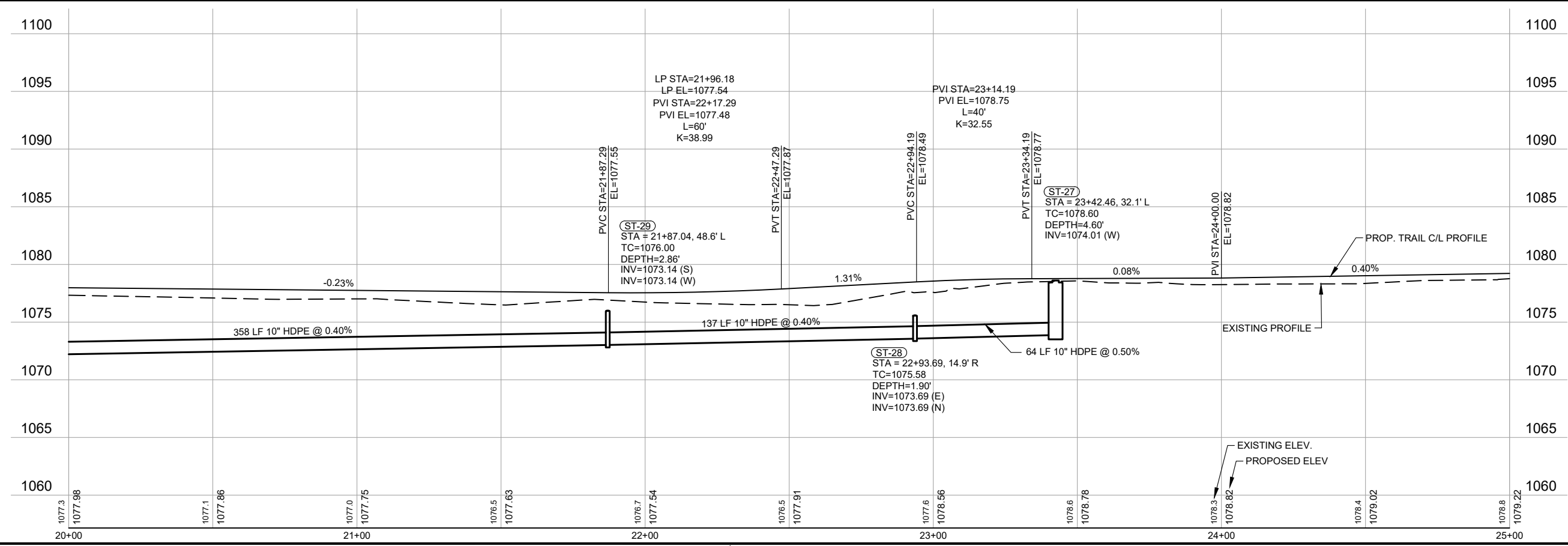
SAFE ROUTES TO SCHOOL TRAIL
 PHASE II
 OLIVIA, MN

PLAN & PROFILE
 TRAIL
 SP 065-090-003



PROPOSED LEGEND	
	3" BITUMINOUS PAVEMENT (TRAIL)
	6" CONCRETE PED RAMP
	6" CONC PEDESTRIAN LANDING AREA
	CONCRETE CURB AND GUTTER TYPE B618
	STORM SEWER PIPE, MANHOLE, CATCH BASIN
	CONSTRUCTION LIMITS

TRAIL



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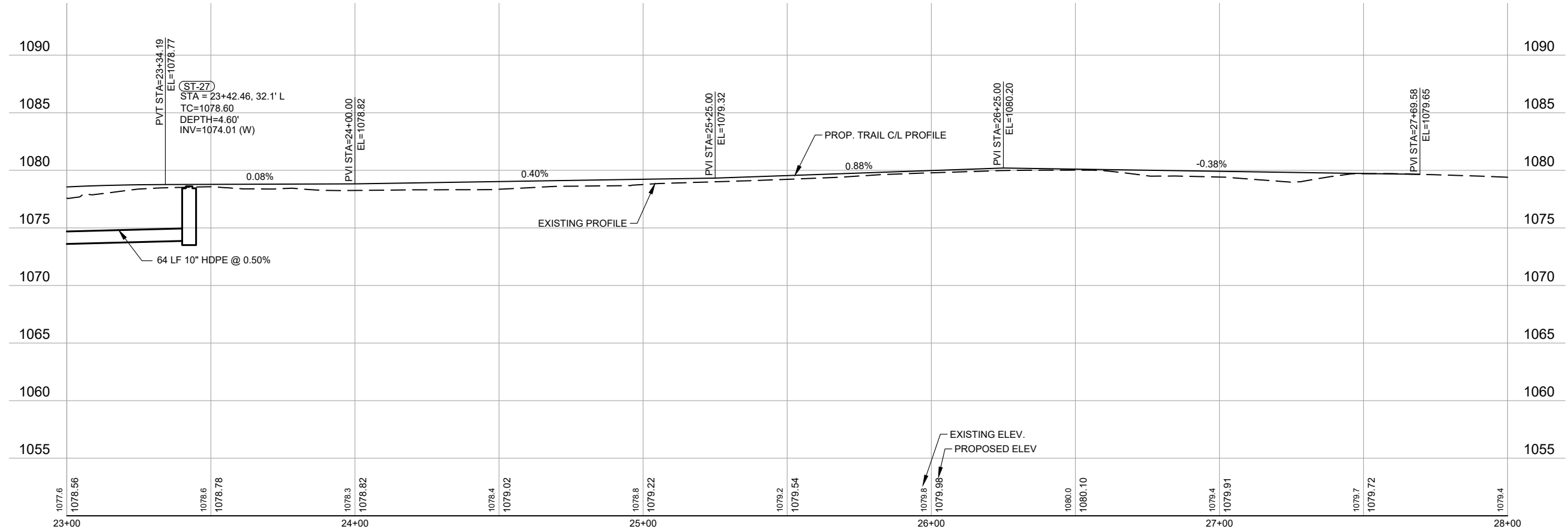
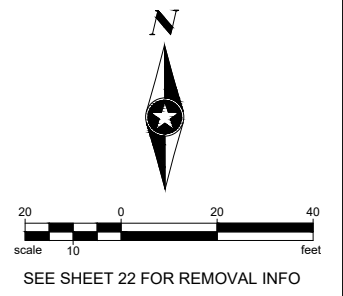
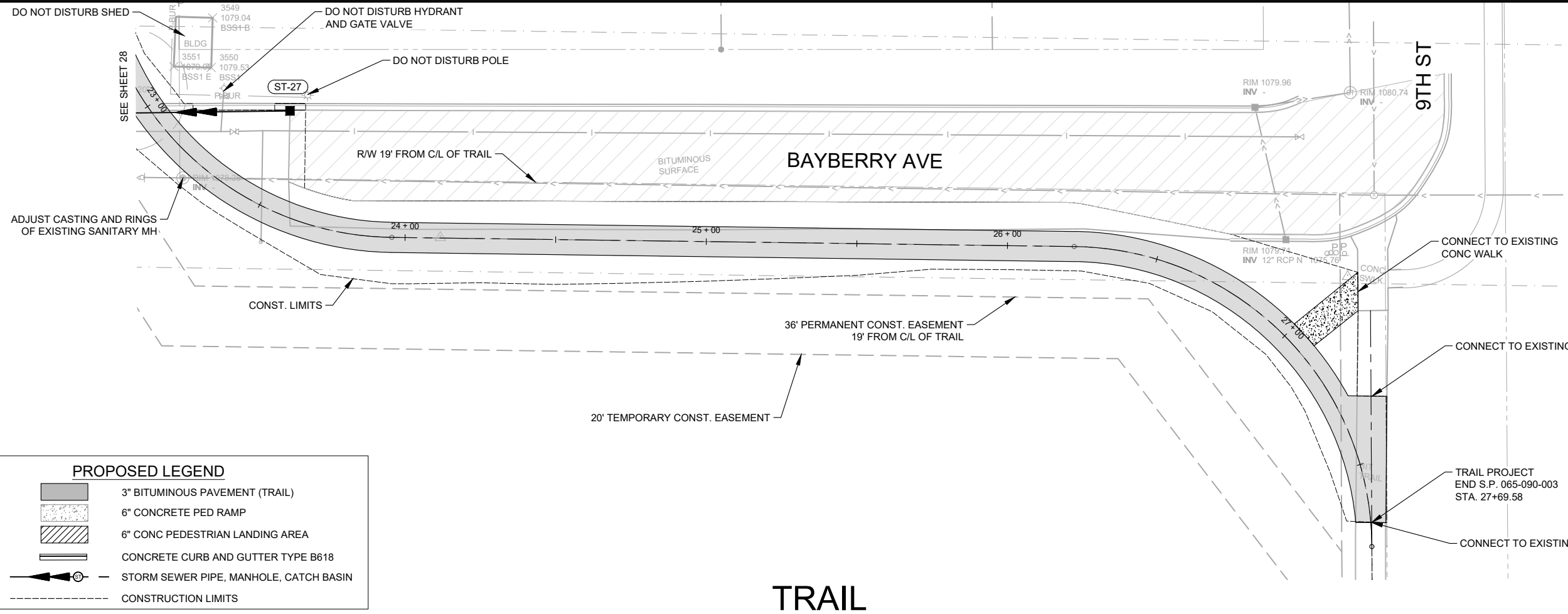
SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	SJP, KLL	.		
Designed By	SJP, KLL	.		
Checked By	JLB	.		



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

PLAN & PROFILE
TRAIL
SP 065-090-003



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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	SJP, KLL	.		
Designed By	SJP, KLL	.		
Checked By	JLB	.		



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

PLAN & PROFILE
TRAIL
SP 065-090-003

T.H. 71 / 13TH ST



VIKING DRIVE

SOUTH TRAIL
BEGIN S.P. 065-090-003
STA. 0+86.91

R/W 9.5' FROM C/L OF TRAIL

ADJUST CASTING AND RINGS
OF EXISTING SANITARY MH

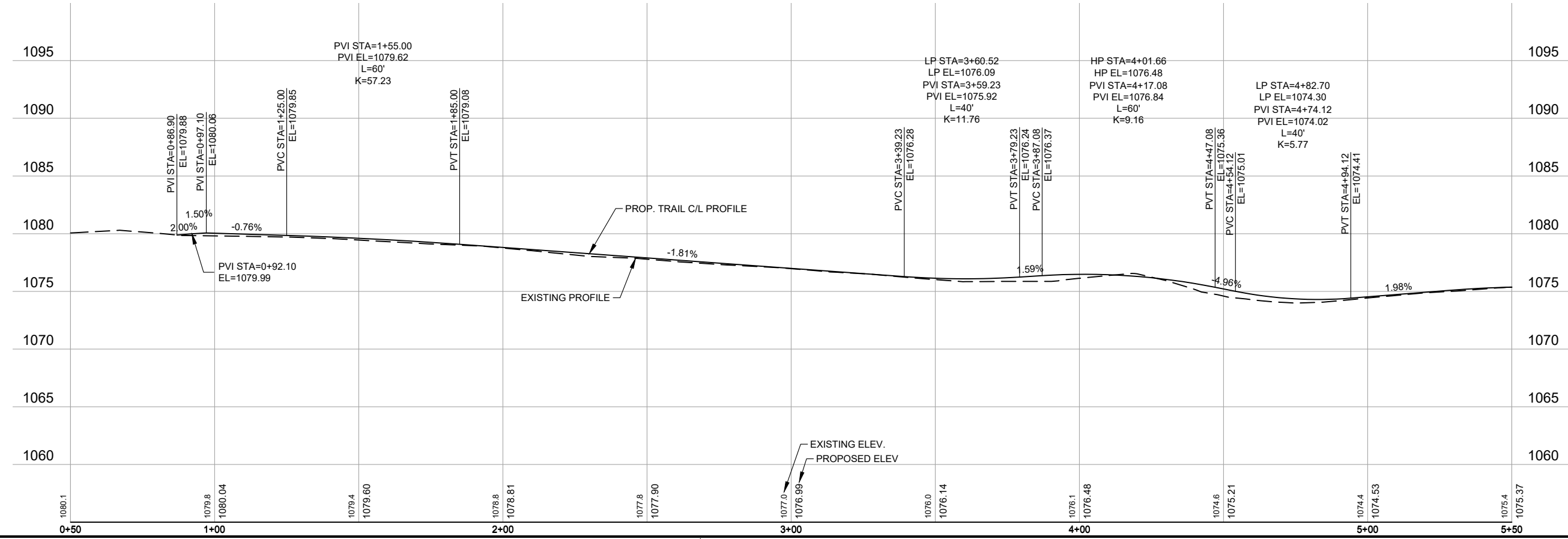
R/W 13.8' FROM C/L OF TRAIL

SOUTH TRAIL

PROPOSED LEGEND

- 3" BITUMINOUS PAVEMENT (TRAIL)
- 6" CONCRETE PED RAMP
- 6" CONC PEDESTRIAN LANDING AREA
- CONCRETE CURB AND GUTTER TYPE B618
- STORM SEWER PIPE, MANHOLE, CATCH BASIN
- CONSTRUCTION LIMITS

SEE SHEET 23 FOR REMOVAL INFO



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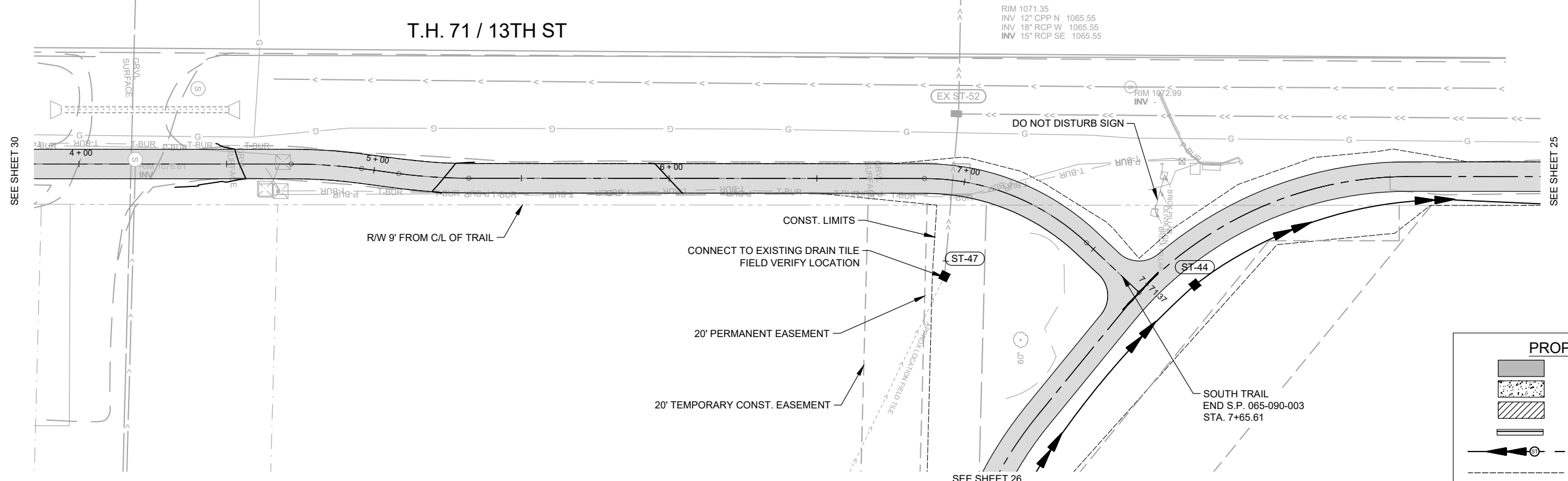
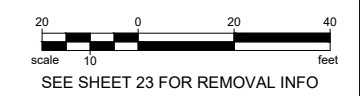
SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	SJP, KLL			
Designed By	SJP, KLL			
Checked By	JLB			



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

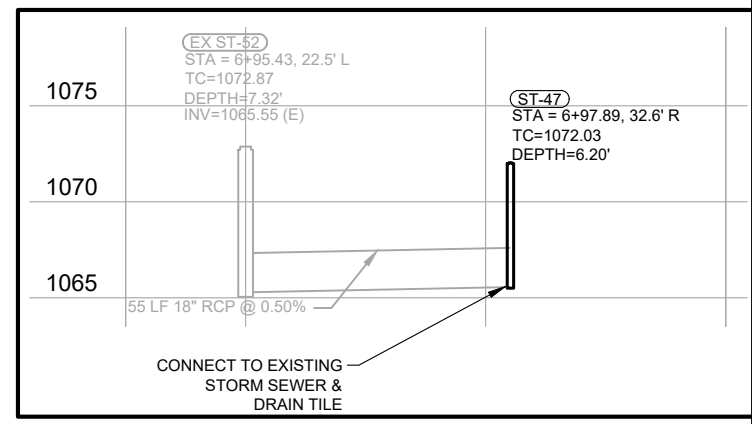
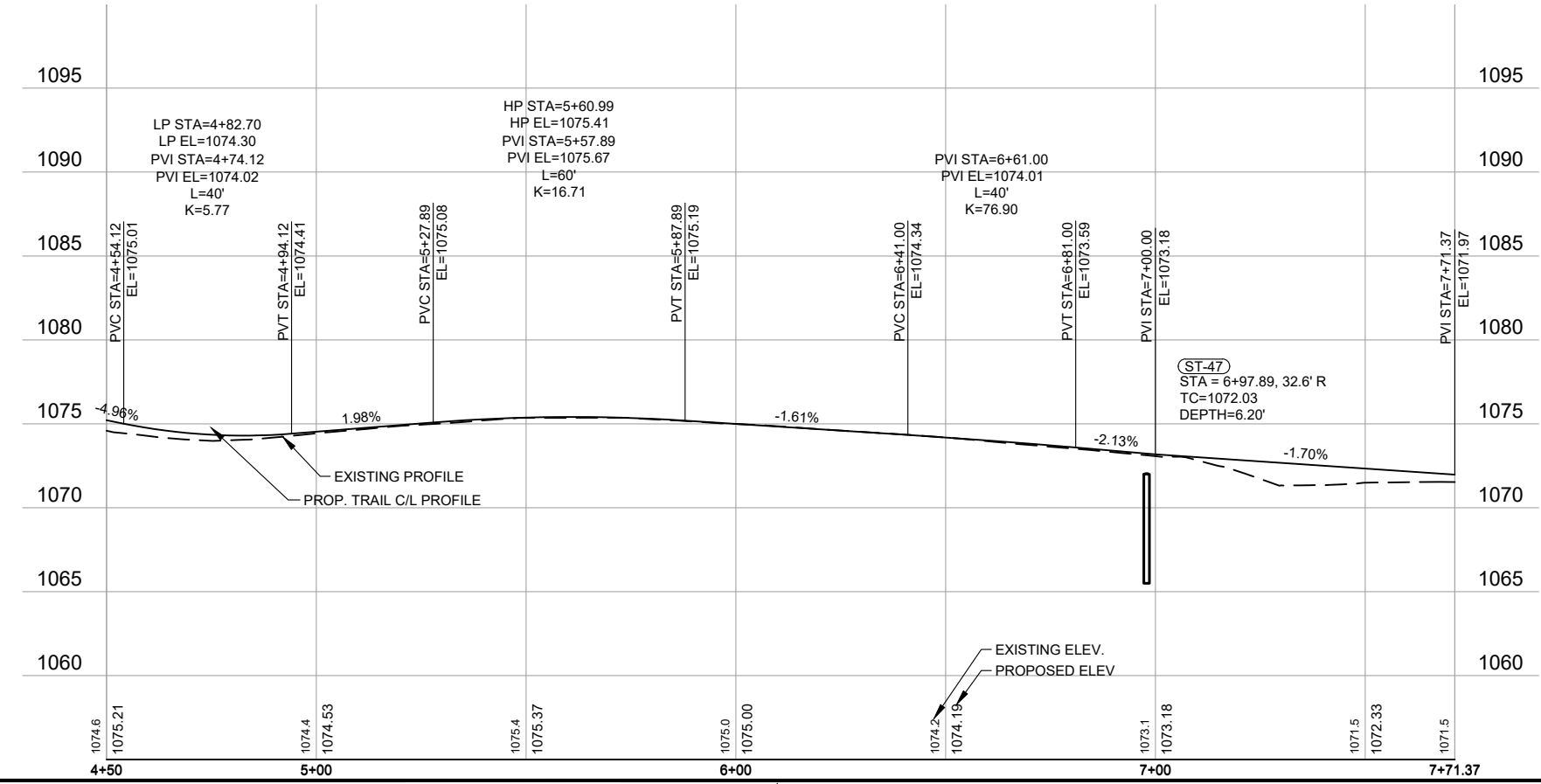
PLAN AND PROFILE
SOUTH TRAIL
SP 065-090-003



PROPOSED LEGEND

- 3" BITUMINOUS PAVEMENT (TRAIL)
- 6" CONCRETE PED RAMP
- 6" CONC PEDESTRIAN LANDING AREA
- CONCRETE CURB AND GUTTER TYPE B618
- STORM SEWER PIPE, MANHOLE, CATCH BASIN
- CONSTRUCTION LIMITS

SOUTH TRAIL



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SEH Project OLIVA162141
 Drawn By SJP, KLL
 Designed By SJP, KLL
 Checked By JLB

Rev.#	Revision Issue Description	Date



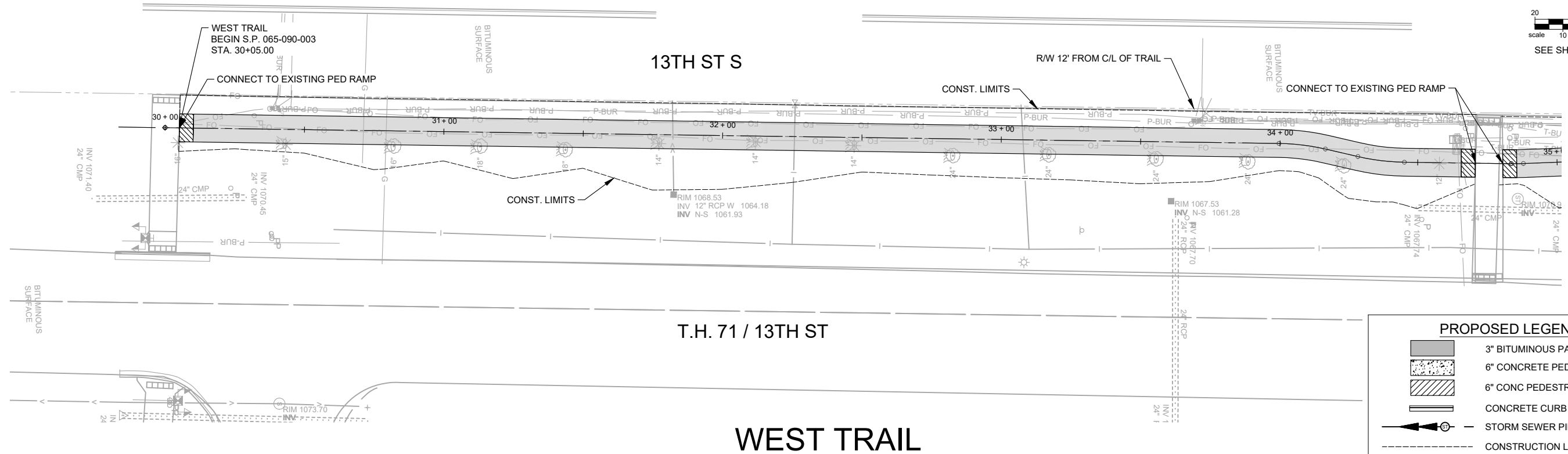
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SAFE ROUTES TO SCHOOL TRAIL
 PHASE II
 OLIVA, MN

PLAN AND PROFILE
 SOUTH TRAIL
 SP 065-090-003

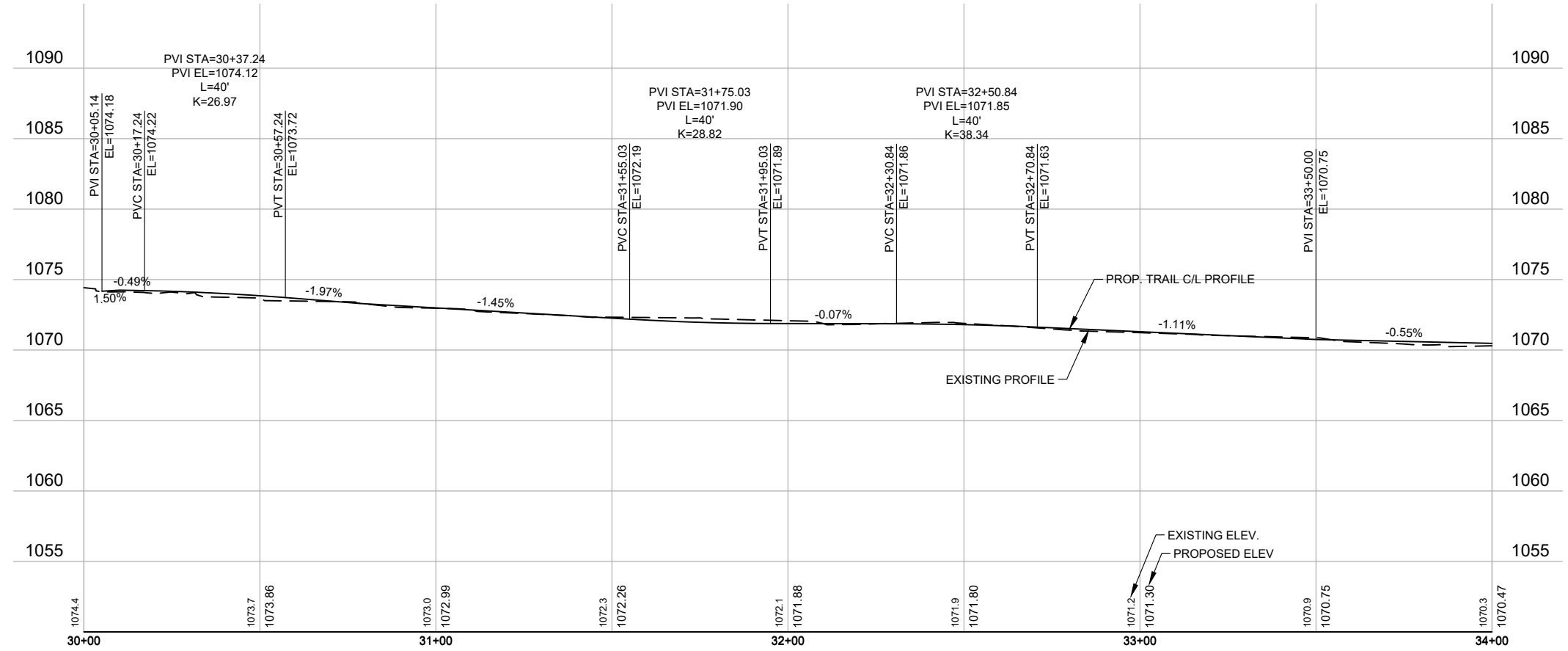


SEE SHEET 24 FOR REMOVAL INFO



PROPOSED LEGEND

- 3\"/>



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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	SJP, KLL	.		
Designed By	SJP, KLL	.		
Checked By	JLB	.		



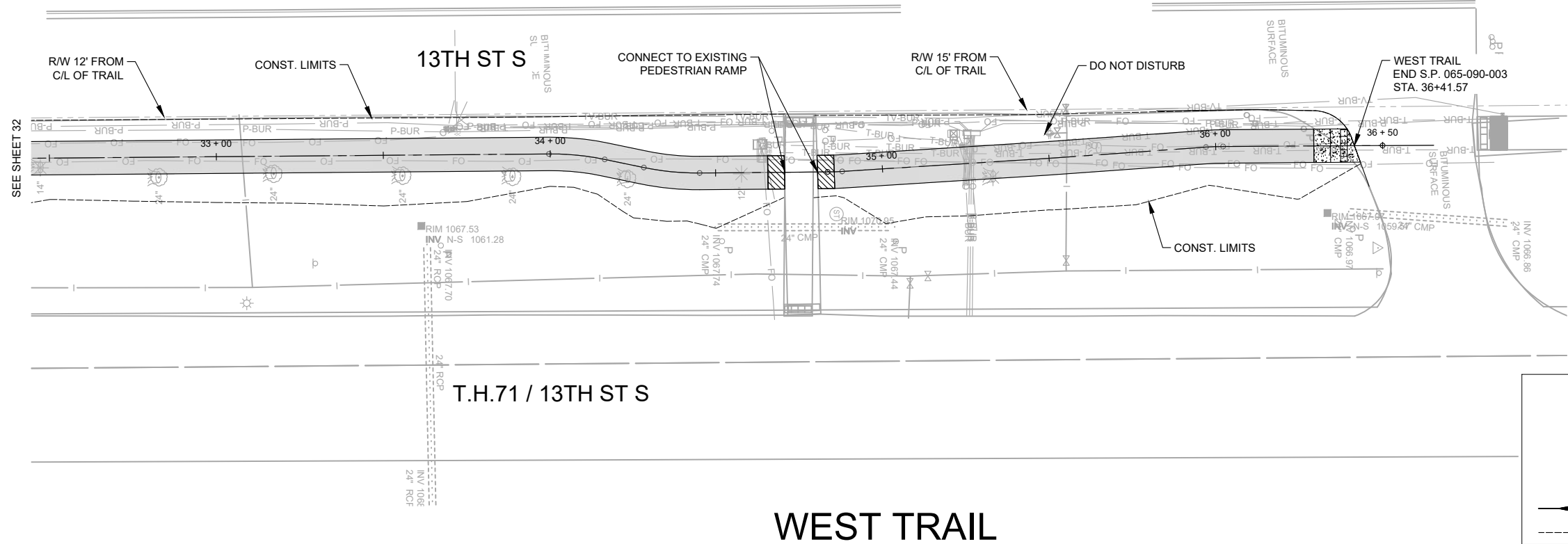
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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

PLAN AND PROFILE
WEST TRAIL
SP 065-090-003



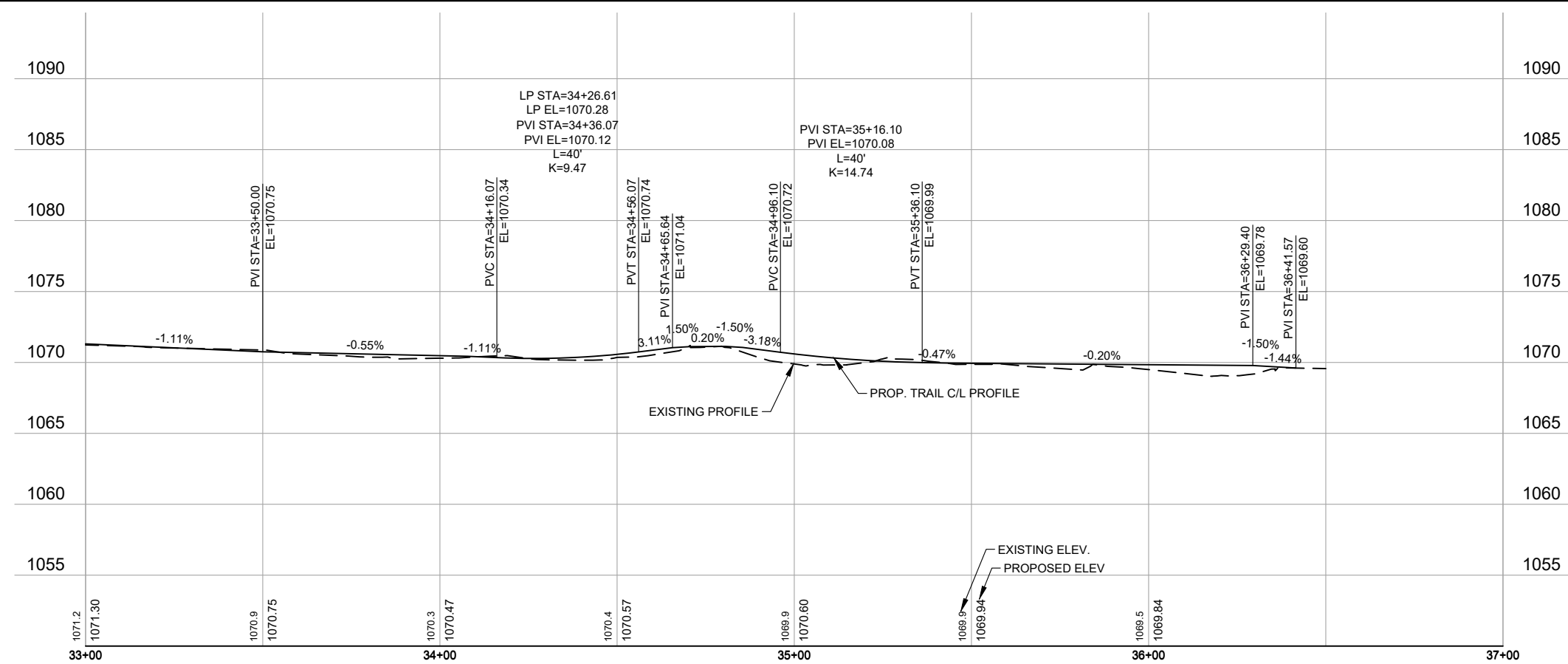
SEE SHEET 24 FOR REMOVAL INFO



PROPOSED LEGEND

- 3" BITUMINOUS PAVEMENT (TRAIL)
- 6" CONCRETE PED RAMP
- 6" CONC PEDESTRIAN LANDING AREA
- CONCRETE CURB AND GUTTER TYPE B618
- STORM SEWER PIPE, MANHOLE, CATCH BASIN
- CONSTRUCTION LIMITS

WEST TRAIL



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SEH Project OLIVA162141
 Drawn By SJP, KLL
 Designed By SJP, KLL
 Checked By JLB

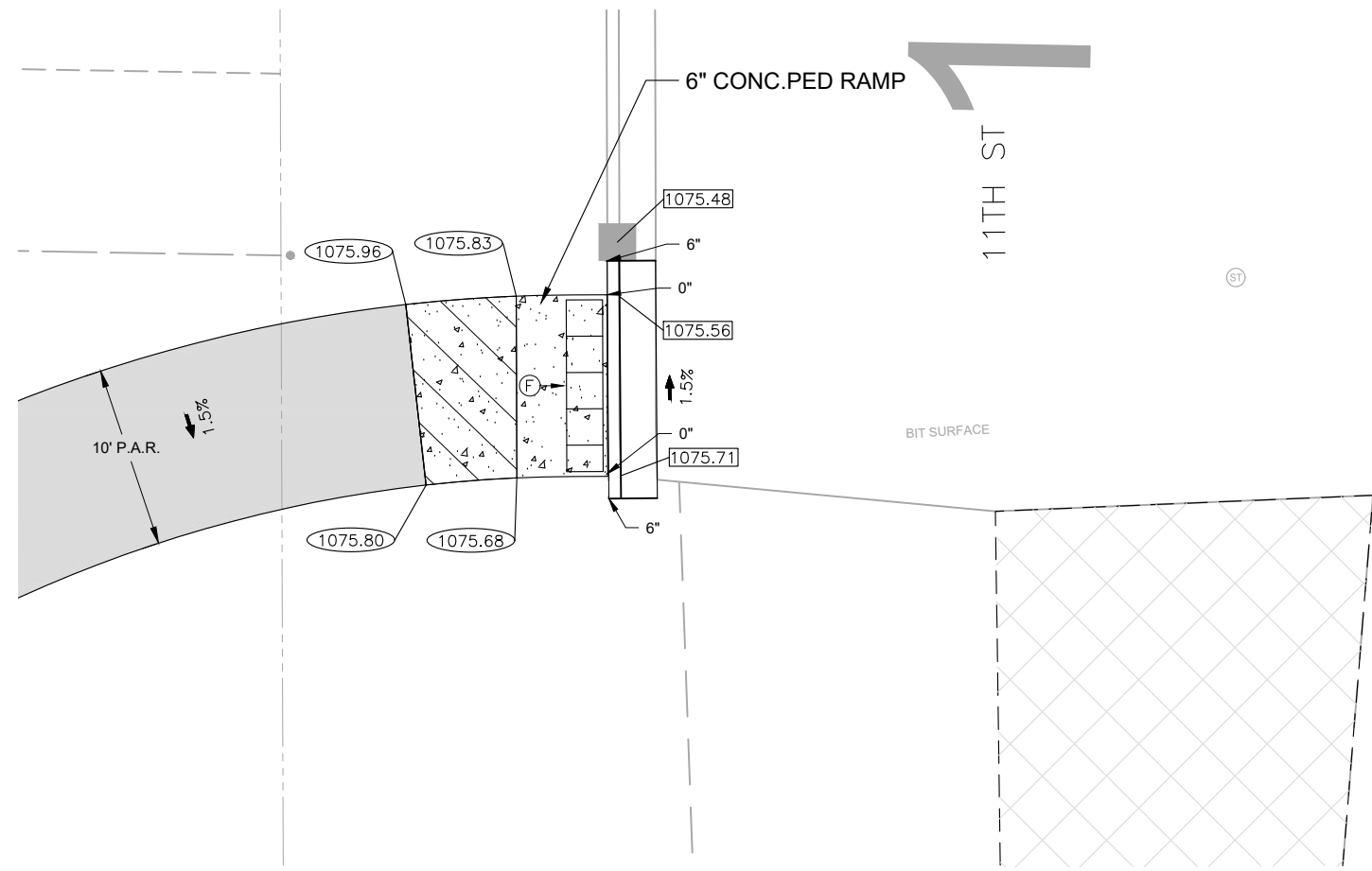
Rev.#	Revision Issue Description	Date



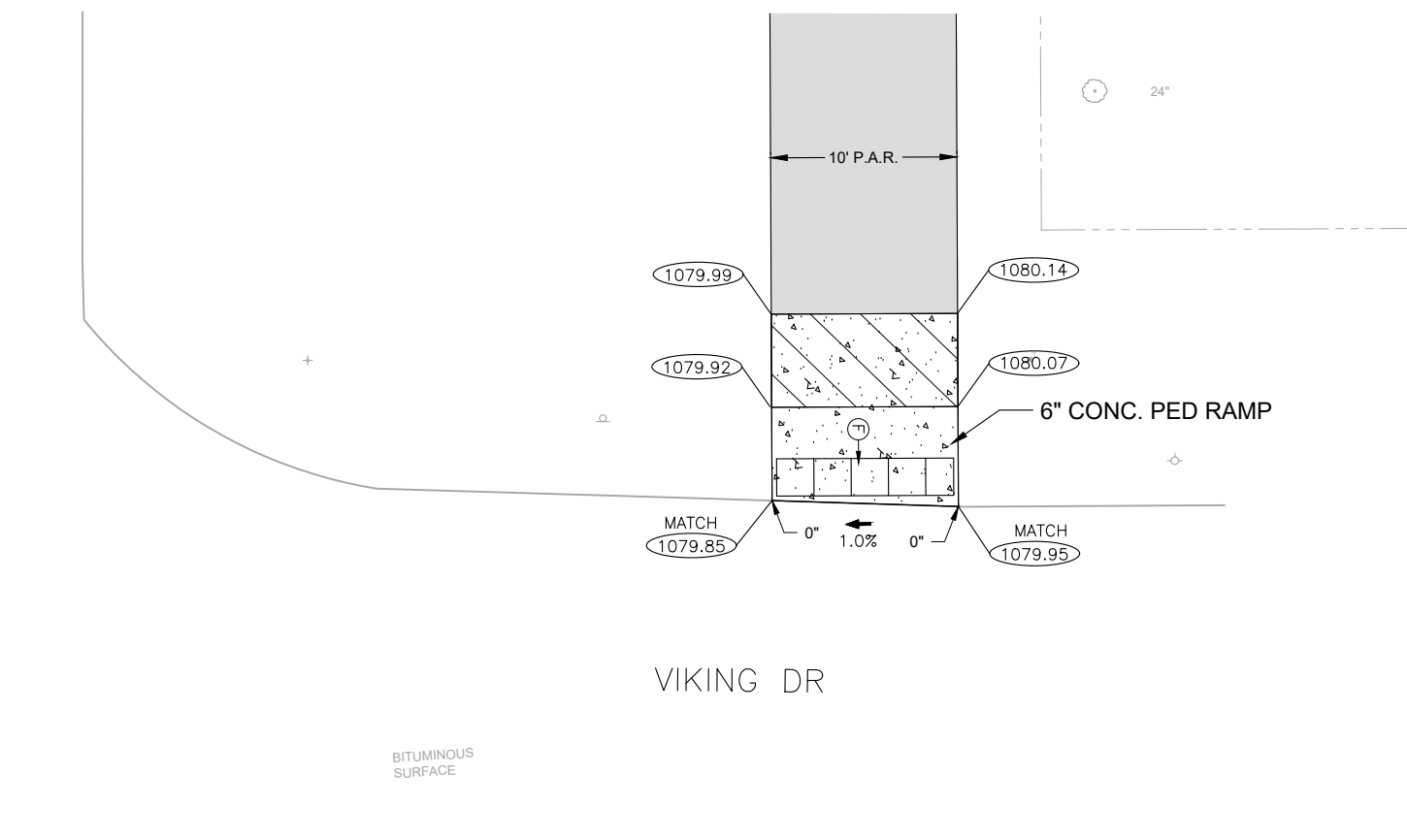
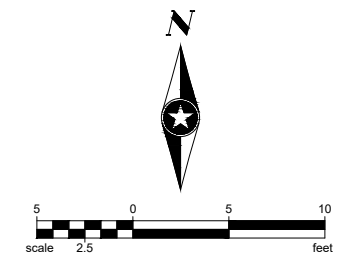
90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
 OLIVIA, MN

PLAN AND PROFILE
WEST TRAIL
SP 065-090-003



LEGEND	
THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.	
(S) →	INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND THE CROSS SLOPE SHALL NOT EXCEED 2.0%
(F) →	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%
XXX.XX	GUTTER ELEVATION
XXX.XX	PAVEMENT ELEVATION
X"	CURB HEIGHT
[Hatched Box]	LANDING AREA-4'X4' MIN. MAX 2.0% SLOPE IN ALL DIRECTIONS
●	STORM MANHOLE
(T)	INDICATES TRANSITION PANEL. CROSS SLOPE SHALL TRANSITION AT 0.5% MAX. PER LIN. FT. AND RUNNING SLOPE SHALL NOT EXCEED 5.0% TO MATCH EXISTING
R=	RADIUS (TO BACK OF CURB)
←	DRAINAGE FLOW DIRECTION
X%	SLOPE, GUTTER & LANE
[Grid Box]	TRUNCATED DOMES, SEE STANDARD PLATE 7038
[Shaded Box]	PEDESTRIAN ACCESS ROUTE (PAR), 1.5% CROSS SLOPE
[Black Box]	CATCH BASIN



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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	##	.	.	.
Designed By	##	.	.	.
Checked By	##	.	.	.



I HEREBY CERTIFY THAT THIS PLAN 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.

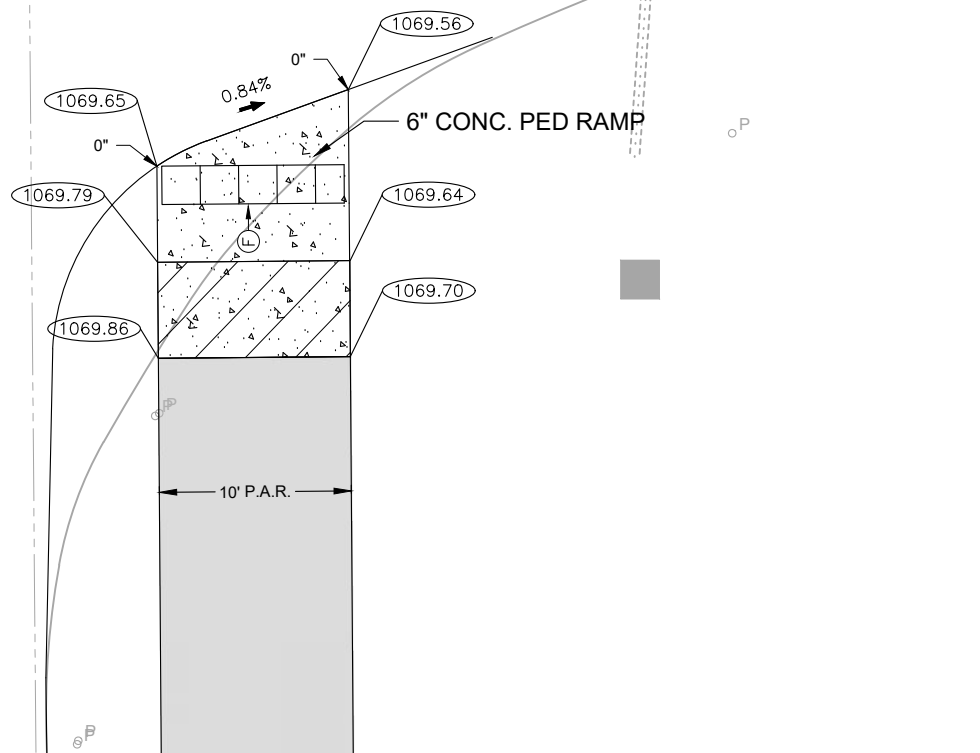
90% DRAFT

JUSTIN BLACK, PE
DATE: XX-XX-XX LICENSE NO. 43373

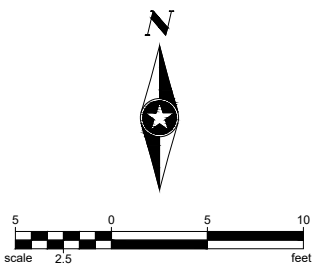
SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

PEDESTRIAN RAMP
LAYOUT DETAIL
SP 065-090-003

ENTRANCE FROM TH 71

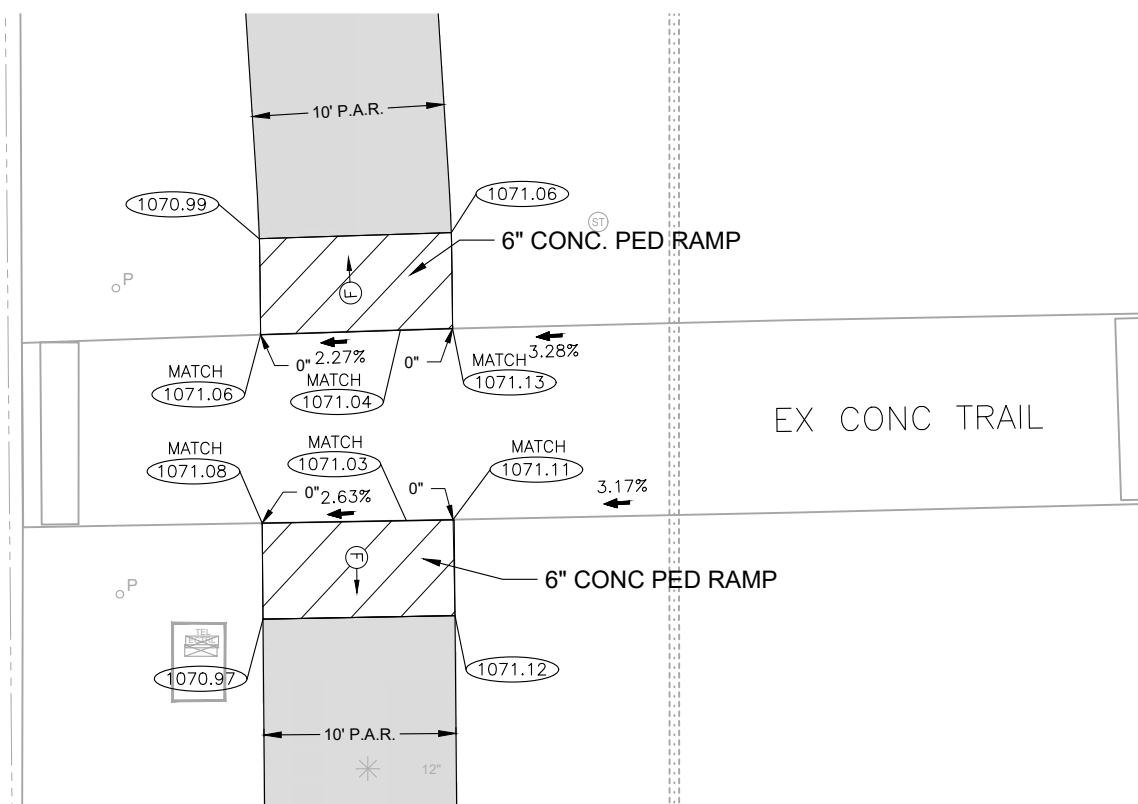


LEGEND	
THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.	
(S) →	INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND THE CROSS SLOPE SHALL NOT EXCEED 2.0%
(F) →	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%
XXX.XX	GUTTER ELEVATION
XXX.XX	PAVEMENT ELEVATION
X"	CURB HEIGHT
[Hatched Box]	LANDING AREA-4'X4' MIN. MAX 2.0% SLOPE IN ALL DIRECTIONS
●	STORM MANHOLE
(T)	INDICATES TRANSITION PANEL. CROSS SLOPE SHALL TRANSITION AT 0.5% MAX. PER LIN. FT. AND RUNNING SLOPE SHALL NOT EXCEED 5.0% TO MATCH EXISTING
R=	RADIUS (TO BACK OF CURB)
←	DRAINAGE FLOW DIRECTION
X%	SLOPE, GUTTER & LANE
[Grid Box]	TRUNCATED DOMES, SEE STANDARD PLATE 7038
[Grey Box]	PEDESTRIAN ACCESS ROUTE (PAR), 1.5% CROSS SLOPE
■	CATCH BASIN

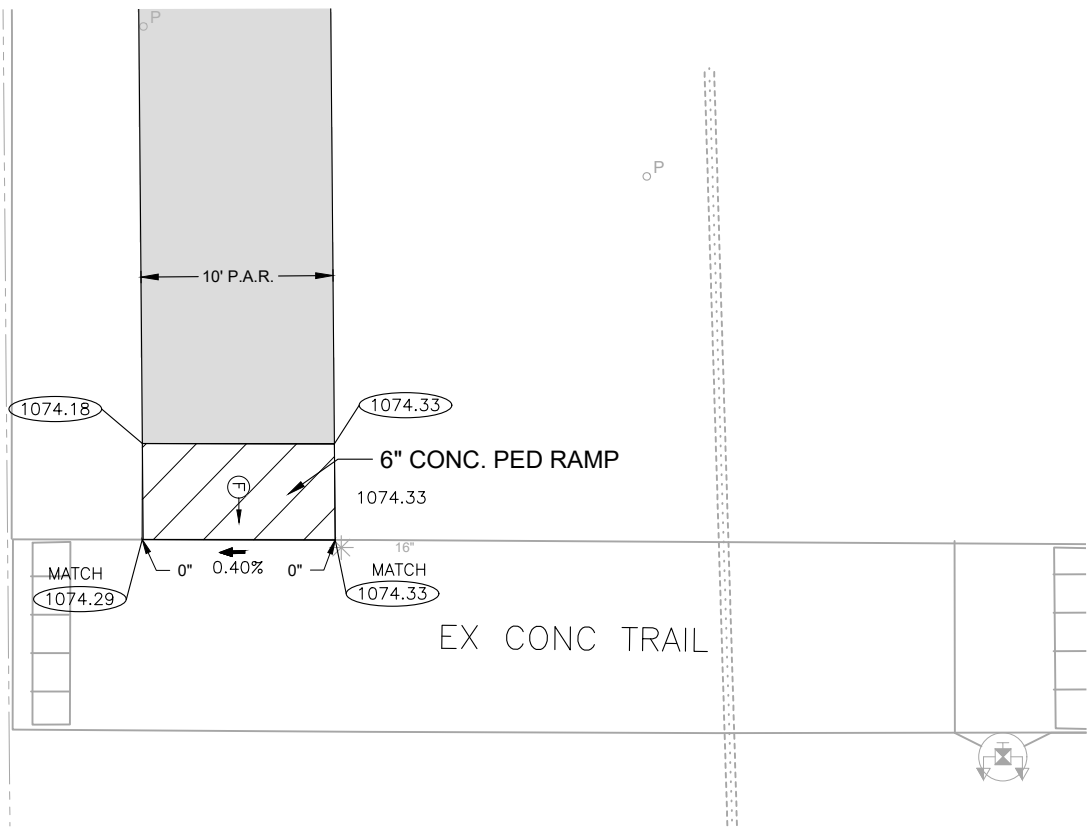


CHESTNUT AVE W

CHESTNUT AVE W



CHESTNUT AVE W



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SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	##	.		
Designed By	##	.		
Checked By	##	.		



I HEREBY CERTIFY THAT THIS PLAN 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
90% DRAFT
 JUSTIN BLACK, PE
 DATE XX-XX-XX LICENSE NO. 43373

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
 OLIVA, MN

PEDESTRIAN RAMP
LAYOUT DETAIL
SP 065-090-003

SWPPP SUMMARY/OVERVIEW:

THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN DEVELOPED TO ADDRESS THE REQUIREMENTS OF NPDES PERMIT MN R100001. THIS SWPPP INCLUDES A COMBINATION OF NARRATIVE AND PLAN SHEETS THAT DESCRIBE THE TEMPORARY AND PERMANENT STORM WATER MANAGEMENT PLAN FOR THE PROJECT.

PROJECT INFORMATION:

LOCATION:	OLIVIA, MINNESOTA
LATITUDE/LONGITUDE:	44° 46' 21" N 94° 59' 14" W
PROJECT DESCRIPTION:	BITUMINOUS TRAIL CONST., STORM SEWER, GRADING
SOIL DISTURBING ACTIVITIES:	BITUMINOUS TRAIL CONST., STORM SEWER, GRADING

CONTACTS:

OWNER:	CITY OF OLIVIA
CONTACT:	ELIZABETH TORKELSON
ADDRESS:	1009 W LINCOLN AVE, OLIVIA, MN 56277
PHONE:	320-5232-2361
EMAIL:	ETORKELSON@OLIVIA.MN.US

ENGINEER:	SHORT ELLIOTT HENDRICKSON INC. (SEH)
CONTACT:	JUSTIN BLACK
PHONE:	952-913-0702
EMAIL:	JBLACK@SEHINC.COM
PROJECT NO.:	OLIVA 162141

KNOWLEDGEABLE PERSON/CHAIN OF RESPONSIBILITY

THE CONTRACTOR SHALL IDENTIFY A PERSON KNOWLEDGEABLE AND EXPERIENCED IN THE APPLICATION OF EROSION PREVENTION AND SEDIMENT CONTROL BMP'S WHO WILL COORDINATE WITH ALL CONTRACTORS, SUBCONTRACTORS, AND OPERATORS ON-SITE TO OVERSEE THE IMPLEMENTATION OF THE SWPPP.

CONTRACTOR	X
CONTACT	X
PHONE	X
EMAIL	X

THE CONTRACTOR SHALL ESTABLISH A CHAIN OF RESPONSIBILITY FOR ALL CONTRACTORS AND SUB-CONTRACTORS ON SITE TO ENSURE THE SWPPP IS BEING PROPERLY IMPLEMENTED AND MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE CHAIN OF RESPONSIBILITY TO THE OWNER AND ATTACH TO THE SWPPP PRIOR TO ANY CONSTRUCTION ACTIVITY.

GENERAL SWPPP RESPONSIBILITIES:

THE CONTRACTOR SHALL KEEP THE SWPPP, INCLUDING ALL AMENDMENTS AND INSPECTION AND MAINTENANCE RECORDS ON SITE DURING CONSTRUCTION.

THE SWPPP WILL BE AMENDED AS NEEDED AND/OR AS REQUIRED BY PROVISIONS OF THE PERMIT. PERMITTEES MUST AMEND THE SWPPP TO INCLUDE ADDITIONAL OR MODIFIED BMP'S AS NECESSARY TO CORRECT PROBLEMS IDENTIFIED OR ADDRESS SITUATIONS WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE, WEATHER OR SEASONAL CONDITIONS HAVING A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OR GROUNDWATER. AMENDMENTS WILL BE APPROVED BY BOTH THE OWNER AND CONTRACTOR AND WILL BE ATTACHED OR OTHERWISE INCLUDED WITH THE SWPPP DOCUMENTS. THE SWPPP AMENDMENTS SHALL BE INITIATED, FACILITATED, AND PROCESSED BY THE CONTRACTOR.

ALL SWPPP CHANGES MUST BE DONE BY AN INDIVIDUAL TRAINED IN ACCORDANCE WITH SECTION 21.4 OR 21.5. CHANGES INVOLVING THE USE OF A LESS STRINGENT BMP MUST INCLUDE A JUSTIFICATION DESCRIBING HOW THE REPLACEMENT BMP IS EFFECTIVE FOR THE SITE CHARACTERISTICS.

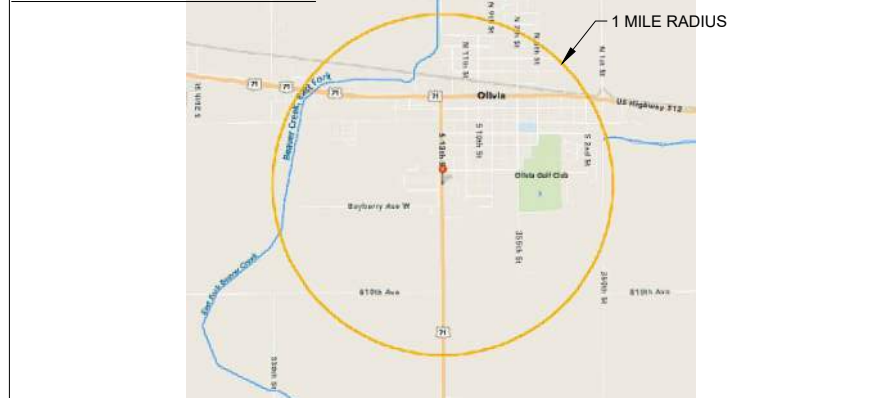
BOTH THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER TERMINATION AND/OR TRANSFER OF THE PERMIT.

LONG TERM OPERATION AND MAINTENANCE

THE OWNER WILL BE RESPONSIBLE OR WILL OTHERWISE IDENTIFY WHO WILL BE RESPONSIBLE FOR THE LONG TERM OPERATION AND MAINTENANCE OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM(S).

THE OWNER WILL PREPARE AND IMPLEMENT A PERMANENT STORMWATER TREATMENT SYSTEM(S) MAINTENANCE PLAN.

PROJECT LOCATION MAP, INCLUDING ALL RECEIVING WATERS WITHIN ONE MILE OF PROJECT SITE AND ARROWS SHOWING OVERLAND FLOW.



TRAINING DOCUMENTATION:

PREPARER/DESIGNER OF SWPPP:	KENDRA LYNGAAS
EMPLOYER:	SEH INC.
DATE OBTAINED / REFRESHED	MAY 31, 2022
INSTRUCTOR(S)/ENTITY PROVIDING TRAINING:	UNIVERSITY OF MINNESOTA

CONTENT OF TRAINING AVAILABLE UPON REQUEST.

THE CONTRACTOR (OPERATOR) SHALL ADD TO THE SWPPP TRAINING RECORDS FOR THE FOLLOWING PERSONNEL:

- INDIVIDUALS OVERSEEING THE IMPLEMENTATION OF, REVISING, AND AMENDING THE SWPPP
- INDIVIDUALS PERFORMING INSPECTIONS
- INDIVIDUALS PERFORMING OR SUPERVISING THE INSTALLATION, MAINTENANCE AND REPAIR OF BMP'S

TRAINING MUST RELATE TO THE INDIVIDUAL'S JOB DUTIES AND RESPONSIBILITIES AND SHALL INCLUDE:

- 1) DATES OF TRAINING
- 2) NAME OF INSTRUCTORS
- 3) CONTENT AND ENTITY PROVIDING TRAINING

THE CONTRACTOR SHALL ENSURE THAT THE INDIVIDUALS ARE TRAINED BY LOCAL, STATE, FEDERAL AGENCIES, PROFESSIONAL ORGANIZATIONS, OR OTHER ENTITIES WITH EXPERTISE IN EROSION PREVENTION, SEDIMENT CONTROL, PERMANENT STORMWATER MANAGEMENT AND THE MINNESOTA NPDES/SDS CONSTRUCTION STORMWATER PERMIT.

PROJECT SUMMARY:

TOTAL DISTURBED AREA:	2.0 AC
PRE-CONSTRUCTION IMPERVIOUS AREA:	0.25 AC
POST-CONSTRUCTION IMPERVIOUS AREA:	0.75 AC
IMPERVIOUS AREA ADDED:	0.50 AC

RECEIVING WATER(S) WITHIN ONE MILE FROM PROJECT BOUNDARIES:
(<http://pca-gis02.pca.state.mn.us/CSW/index.html>)

ID	NAME	TYPE	SPECIAL WATER?	IMPAIRED WATER?	CONSTRUCTION RELATED IMPAIRMENT OR SPECIAL WATER CLASSIFICATION	TMDL
07020004-585	BEAVER CREEK, EAST FORK	CREEK	NO	NO	NA	NA
65-0152-00	OLIVIA KID'S FISHING POND	POND	NO	NO	NA	NA

ADDITIONAL BMP'S AND/OR ACTIONS REQUIRED:
SEE SECTION 23 OF THE PERMIT AND APPLICABLE TMDL WLA'S

WATERBODY	NO WORK DURING	SEE DNR PERMIT FOR MORE INFORMATION
LAKES	APRIL 1 - JUNE 30	
NON-TROUT STREAMS	MARCH 15 - JUNE 15	
TROUT STREAMS	SEPTEMBER 1 - APRIL 1	

SITE SOIL INFORMATION: (<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>)
(SOIL INFORMATION PROVIDED IS FOR NPDES PERMIT INFORMATION ONLY. SOIL INFORMATION WAS OBTAINED FROM THE USGS WEBSITE. THE CONTRACTOR SHALL NOT RELY ON THIS SOIL INFORMATION FOR CONSTRUCTION PURPOSES.)

SOIL NAME:	HYDROLOGIC CLASSIFICATION:
CANISTEO CLAY LOAM	C/D
CLARION LOAM	C
HARPS CLAY LOAM	C/D
CRIPPIN LOAM	B/D
CLARION-SWANLAKE COMPLEX	C
WBSTER CLAY LOAM	C/D
NICOLLET CLAY LOAM	C/D
OKOBOJI SILTY CLAY	C/D
ANTICIPATED RANGE OF PARTICLE SIZES	<0.002MM TO 2MM

RELATED REVIEWS & PERMITS:

ENVIRONMENTAL, WETLAND, ENDANGERED OR THREATENED SPECIES, ARCHEOLOGICAL, LOCAL, STATE, AND/OR FEDERAL REVIEWS/PERMITS:

AGENCY:	TYPE OF PERMIT:
X	X
X	X

IMPLEMENTATION SEQUENCE:

THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING SEQUENCE. THE ENGINEER MAY APPROVE ADJUSTMENTS TO THE SEQUENCE AS NEEDED.

1.	INSTALL ROCK CONSTRUCTION ENTRANCE(S)
2.	INSTALL PERIMETER CONTROL AND STABILIZE DOWN GRADIENT BOUNDARIES
3.	INSTALL INLET PROTECTION ON EXISTING CATCH BASINS
4.	COMPLETE SITE GRADING
5.	INSTALL UTILITIES, STORM SEWER, INLET PROTECTION, CURB & GUTTER, PAVING
6.	COMPLETE FINAL GRADING AND STABILIZE DISTURBED AREAS
7.	AFTER CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ACCUMULATED SEDIMENT, REMOVE BMP'S, AND RE-STABILIZE ANY AREAS DISTURBED BY THEIR REMOVAL.
8.	INSTALL FILTRATION MEDIA

PROJECT SPECIFIC NOTES:

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THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE SWPPP:

- PLAN AND PROFILE PLAN SHEETS:25 - 33
- EROSION AND SEDIMENT CONTROL PLAN SHEETS:38 - 40
- TURF ESTABLISHMENT PLAN SHEETS:38 - 40
- DETAIL PLAN SHEETS:9 - 15
- SWPPP NOTE AND DETAIL SHEETS:36 - 37
- PROJECT SPECIFICATIONS: SEE PROJECT SPECIFICATIONS
- PROJECT BID FORM: SEE PROJECT SPECIFICATIONS

TEMPORARY BMP DESIGN FACTORS:

EROSION PREVENTION AND SEDIMENT CONTROL BMP'S MUST BE DESIGNED TO ACCOUNT FOR:

THE EXPECTED AMOUNT, FREQUENCY, INTENSITY, AND DURATION OF PRECIPITATION

THE NATURE OF STORMWATER RUNOFF AND RON-ON AT THE SITE, INCLUDING FACTORS SUCH AS EXPECTED FLOW FROM IMPERVIOUS SURFACES, SLOPES, AND SITE DRAINAGE FEATURES

THE STORMWATER VOLUME, VELOCITY, AND PEAK FLOW RATES TO MINIMIZE DISCHARGE OF POLLUTANTS IN STORMWATER AND TO MINIMIZE CHANNEL AND STREAMBANK EROSION AND SCOUR IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS

THE RANGE OF SOIL PARTICLE SIZES EXPECTED TO BE PRESENT.

EROSION CONTROL QUANTITY

INLET PROECTION	SEDIMENT CONTROL LOG	SEDIMENT CONTROL LOG - DITCH CHECK	TURF RESTORATION	ROCK ENTRANCE
EACH	LIN FT	EACH	SQ YD	TON
22	300	11	5,335	200

SEH Project	OLIVA162141	Rev.#	Revision Issue Description	Date
Drawn By	KLL	.	.	.
Designed By	KLL	.	.	.
Checked By	JLB	.	.	.



90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

STORM WATER POLLUTION
PREVENTION PLAN
SP 065-090-003

EROSION PREVENTION MEASURES AND TIMING:

THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION PREVENTION MEASURES FOR THE PROJECT.

EROSION PREVENTION MEASURES SHOWN ON PLANS ARE THE ABSOLUTE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL EROSION PREVENTION MEASURES AS NECESSARY TO PROPERLY MANAGE THE PROJECT AREA.

THE CONTRACTOR SHALL PLAN AND IMPLEMENT APPROPRIATE CONSTRUCTION PRACTICES AND CONSTRUCTION PHASING TO MINIMIZE EROSION AND RETAIN VEGETATION WHENEVER POSSIBLE.

THE PERMITTEE SHALL DELINEATE AREAS NOT TO BE DISTURBED. PERMITTEE(S) MUST MINIMIZE THE NEED FOR DISTURBANCE OF PORTIONS OF THE PROJECT WITH STEEP SLOPES. WHEN STEEP SLOPES MUST BE DISTURBED, PERMITTEES MUST USE TECHNIQUES SUCH AS PHASING AND STABILIZATION PRACTICES DESIGNED FOR STEEP SLOPES.

THE CONTRACTOR SHALL STABILIZE OF ALL EXPOSED SOILS IMMEDIATELY TO LIMIT SOIL EROSION. IN NO CASE SHALL ANY EXPOSED AREAS, INCLUDING STOCK PILES, HAVE EXPOSED SOILS FOR MORE THAN 14 DAYS WITHOUT PROVIDING TEMPORARY OR PERMANENT STABILIZATION. STABILIZATION MUST BE COMPLETED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED. TEMPORARY STOCKPILES WITHOUT SIGNIFICANT CLAY, SILT, OR ORGANIC COMPONENTS DO NOT REQUIRE STABILIZATION.

DRAINAGE PATHS, DITCHES, AND/OR SWALES SHALL HAVE TEMPORARY OR PERMANENT STABILIZATION WITHIN 24 HOURS OF CONNECTING TO A SURFACE WATER OR 24 HOURS AFTER CONSTRUCTION ACTIVITY IN THE DITCH/SWALE HAS TEMPORARILY OR PERMANENTLY CEASED.

THE CONTRACTOR SHALL COMPLETE THE STABILIZATION OF ALL EXPOSED SOILS WITHIN 24 HOURS THAT LIE WITHIN 200 FEET OF PUBLIC WATERS PROMULGATED "WORK IN WATER RESTRICTIONS" BY THE MN DNR DURING SPECIFIED FISH SPAWNING TIMES.

THE CONTRACTOR SHALL IMPLEMENT EROSION CONTROL BMPS AND VELOCITY DISSIPATION DEVICES ALONG CONSTRUCTED STORMWATER CONVEYANCE CHANNELS AND OUTLETS.

THE CONTRACTOR SHALL STABILIZE TEMPORARY AND/OR PERMANENT DRAINAGE DITCHES OR SWALES WITHIN 200 LINEAL FEET FROM PROPERTY EDGE, OR DISCHARGE POINT(S) WITHIN 24 HOURS AFTER CONNECTING TO A SURFACE WATER OR PROPERTY EDGE.

TEMPORARY OR PERMANENT DITCHES OR SWALES USED AS A SEDIMENT CONTAINMENT SYSTEM DURING CONSTRUCTION MUST BE STABILIZED WITHIN 24 HOURS AFTER NO LONGER BEING USED AS A SEDIMENT CONTAINMENT SYSTEM.

THE CONTRACTOR SHALL NOT UTILIZE HYDROMULCH, TACKIFIER, POLYACRYLAMIDE OR SIMILAR EROSION PREVENTION PRACTICES AS A FORM OF STABILIZATION FOR TEMPORARY OR PERMANENT DRAINAGE DITCHES OR SWALE SECTION WITH A CONTINUOUS SLOPE OF GREATER THAN 2 PERCENT.

THE CONTRACTOR SHALL ENSURE PIPE OUTLETS HAVE TEMPORARY OR PERMANENT ENERGY DISSIPATION WITH IN 24 HOURS OF CONNECTION TO A SURFACE WATER.

THE CONTRACTOR SHALL DIRECT DISCHARGES FROM BMPS TO VEGETATED AREAS TO INCREASE SEDIMENT REMOVAL AND MAXIMIZE STORMWATER INFILTRATION. VELOCITY DISSIPATION DEVICES MUST BE USED TO PREVENT EROSION WHEN DIRECTING STORMWATER TO VEGETATED AREAS.

SEDIMENT CONTROL MEASURES AND TIMING:

THE CONTRACTOR IS RESPONSIBLE FOR ALL SEDIMENT CONTROL MEASURES FOR THE PROJECT.

SEDIMENT CONTROL MEASURES SHOWN ON PLANS ARE THE ABSOLUTE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL SEDIMENT CONTROL MEASURES AS NECESSARY TO PROPERLY MANAGE THE PROJECT AREA.

THE CONTRACTOR SHALL ENSURE SEDIMENT CONTROL MEASURES ARE ESTABLISHED ON ALL DOWN GRADIENT PERIMETERS BEFORE ANY UPGRADIENT LAND DISTURBING ACTIVITIES BEGIN. THESE MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN ESTABLISHED.

A FLOATING SILT CURTAIN PLACED IN THE WATER IS NOT A SEDIMENT CONTROL BMP EXCEPT WHEN WORKING ON A SHORELINE OR BELOW THE WATERLINE. IMMEDIATELY AFTER THE SHORT TERM CONSTRUCTION ACTIVITY IS COMPLETE, PERMITTEE(S) MUST INSTALL AN UPLAND PERIMETER CONTROL PRACTICE IF EXPOSED SOILS STILL DRAIN TO A SURFACE WATER.

THE CONTRACTOR SHALL ENSURE SEDIMENT CONTROL PRACTICES REMOVED OR ADJUSTED FOR SHORT-TERM ACTIVITIES BE RE-INSTALLED IMMEDIATELY AFTER THE SHORT-TERM ACTIVITY HAS BEEN COMPLETED. SEDIMENT CONTROL PRACTICES MUST BE REINSTALLED BEFORE THE NEXT PRECIPITATION EVENT EVEN IF THE SHORT-TERM ACTIVITY IS NOT COMPLETE.

THE CONTRACTOR SHALL ENSURE STORM DRAIN INLETS ARE PROTECTED BY APPROPRIATE BMPS DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED.

THE CONTRACTOR SHALL PROVIDE SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROL AT THE BASE OF THE STOCKPILES.

THE CONTRACTOR SHALL INSTALL PERIMETER CONTROL AROUND ALL STAGING AREAS, BORROW PITS, AND AREAS CONSIDERED ENVIRONMENTALLY SENSITIVE.

THE CONTRACTOR SHALL ENSURE VEHICLE TRACKING BE MINIMIZED WITH EFFECTIVE BMPS. WHERE THE BMPS FAIL TO PREVENT SEDIMENT FROM TRACKING ONTO STREETS THE CONTRACTOR SHALL CONDUCT STREET SWEEPING TO REMOVE ALL TRACKED SEDIMENT.

THE CONTRACTOR SHALL IMPLEMENT CONSTRUCTION PRACTICES TO MINIMIZE SOIL COMPACTION.

THE CONTRACTOR SHALL ENSURE ALL CONSTRUCTION ACTIVITY REMAIN WITHIN PROJECT LIMITS AND THAT ALL IDENTIFIED RECEIVING WATER BUFFERS ARE MAINTAINED.

RECEIVING WATER	NATURAL BUFFER	IS THE BUFFER BEING ENCROACHED ON?	REASON FOR BUFFER ENCROACHMENT
MUNICIPAL STORM WATER POND	50 FT	NA	NA

A 50 FOOT NATURAL BUFFER MUST BE PRESERVED OR PROVIDE REDUNDANT (DOUBLE) PERIMETER SEDIMENT CONTROLS IF NATURAL BUFFER IS INFEASIBLE.

THE CONTRACTOR SHALL NOT UTILIZE SEDIMENT CONTROL CHEMICALS ON SITE.

INSPECTION AND MAINTENANCE:

ALL INSPECTIONS, MAINTENANCE, REPAIRS, REPLACEMENTS, AND REMOVAL OF BMPS IS TO BE CONSIDERED INCIDENTAL TO THE BMP BID ITEMS.

THE PERMITTEE(S) IS RESPONSIBLE FOR COMPLETING SITE INSPECTIONS, AND BMP MAINTENANCE TO ENSURE COMPLIANCE WITH THE PERMIT REQUIREMENTS.

THE PERMITTEE(S) SHALL INSPECT THE CONSTRUCTION SITE ONCE EVERY 7 DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS.

THE PERMITTEE(S) SHALL DOCUMENT A WRITTEN SUMMARY OF ALL INSPECTIONS AND MAINTENANCE ACTIVITIES CONDUCTED WITHIN 24 HOURS OF OCCURRENCE. RECORDS OF EACH ACTIVITY SHALL INCLUDE THE FOLLOWING:

- DATE AND TIME OF INSPECTIONS;
- NAME OF PERSON(S) CONDUCTING INSPECTION;
- FINDINGS AND RECOMMENDATIONS FOR CORRECTIVE ACTIONS IF NECESSARY;
- CORRECTIVE ACTIONS TAKEN;
- DATE AND AMOUNT OF RAINFALL EVENTS;
- POINTS OF DISCHARGE OBSERVED DURING INSPECTION AND DESCRIPTION OF THE DISCHARGE
- AMENDMENTS MADE TO THE SWPPP.

THE PERMITTEE(S) SHALL SUBMIT A COPY OF THE WRITTEN INSPECTIONS TO THE ENGINEER AND OWNER ON A MONTHLY BASIS. IF MONTHLY INSPECTION REPORTS ARE NOT SUBMITTED, MONTHLY PAYMENTS MAY BE HELD.

THE CONTRACTOR SHALL DOCUMENT AMENDMENTS TO THE SWPPP AS A RESULT OF INSPECTION(S) WITHIN 7 DAYS.

THE CONTRACTOR SHALL KEEP THE SWPPP, ALL INSPECTION REPORTS, AND AMENDMENTS ONSITE. THE CONTRACTOR SHALL DESIGNATE A SPECIFIC ONSITE LOCATION TO KEEP THE RECORDS

THE CONTRACTOR IS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF TEMPORARY AND PERMANENT WATER QUALITY BMP'S, AS WELL AS EROSION AND SEDIMENT CONTROL BMP'S.

THE CONTRACTOR SHALL INSPECT EROSION PREVENTION AND SEDIMENTATION CONTROL BMPS TO ENSURE INTEGRITY AND EFFECTIVENESS. ALL NONFUNCTIONAL BMPS SHALL BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMPS WITHIN 24 HOURS OF FINDING. THE CONTRACTOR SHALL INVESTIGATE AND COMPLY WITH THE FOLLOWING INSPECTION AND MAINTENANCE REQUIREMENTS:

PERIMETER CONTROL DEVICES, INCLUDING SILT FENCE SHALL BE REPAIRED, OR REPLACED, WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE DEVICE HEIGHT. THESE REPAIRS SHALL BE MADE WITHIN 24 HOURS OF DISCOVERY.

TEMPORARY AND PERMANENT SEDIMENT BASINS SHALL BE DRAINED AND THE SEDIMENT REMOVED WHEN THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES 1/2 THE STORAGE VOLUME. DRAINAGE AND REMOVAL MUST BE COMPLETED WITHIN 72 HOURS OF DISCOVERY.

SURFACE WATERS, INCLUDING DRAINAGE DITCHES AND CONVEYANCE SYSTEMS, MUST BE INSPECTED FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. THE CONTRACTOR SHALL REMOVE ALL DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATERS, INCLUDING DRAINAGE WAYS, CATCH BASINS, AND OTHER DRAINAGE SYSTEMS. THE CONTRACTOR SHALL RE-STABILIZE THE AREAS WHERE SEDIMENT REMOVAL RESULTS IN EXPOSED SOIL. REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN 7 DAYS OF DISCOVERY, UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL CONSTRAINTS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AUTHORITIES AND OBTAIN ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK IN SURFACE WATERS.

CONSTRUCTION SITE VEHICLE EXIT LOCATIONS SHALL BE INSPECTED DAILY FOR EVIDENCE OF SEDIMENT TRACKING ONTO PAVED SURFACES. TRACKED SEDIMENT MUST BE REMOVED FROM ALL PAVED SURFACES WITHIN 24 HOURS OF DISCOVERY.

IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED IN A MANOR AND AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS.

EROSION PREVENTION BMP SUMMARY:
SEE EROSION AND SEDIMENT CONTROL PLAN SHEET AND BID FORM FOR TYPE, LOCATION, AND QUANTITY OF EROSION PREVENTION BMPS.

SEDIMENT CONTROL BMP SUMMARY:
SEE EROSION AND SEDIMENT CONTROL PLAN SHEETS AND BID FORM FOR TYPE, LOCATION, AND QUANTITY OF SEDIMENT CONTROL BMPS.

DEWATERING AND BASIN DRAINING ACTIVITIES:
THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL DEWATERING AND SURFACE DRAINAGE REGULATIONS.

WATER FROM DEWATERING ACTIVITIES SHALL DISCHARGE TO A TEMPORARY AND/OR PERMANENT SEDIMENT BASIN.

IF WATER CANNOT BE DISCHARGED TO A SEDIMENTATION BASIN, IT SHALL BE TREATED WITH OTHER APPROPRIATE BMPS, TO EFFECTIVELY REMOVE SEDIMENT.

DISCHARGE THAT CONTAINS OIL OR GREASE MUST BE TREATED WITH AN OIL-WATER SEPARATOR OR SUITABLE FILTRATION DEVICE PRIOR TO DISCHARGE.

WATER FROM DEWATERING SHALL BE DISCHARGED IN A MANNER THAN DOES NOT CAUSE NUISANCE CONDITIONS, EROSION, OR INUNDATION OF WETLANDS.

BACKWASH WATER USED FOR FILTERING SHALL BE HAULED AWAY FOR DISPOSAL, RETURNED TO THE BEGINNING OF TREATMENT PROCESS, OR INCORPORATED INTO THE SITE IN A MANNER THAT DOES NOT CAUSE EROSION. THE CONTRACTOR SHALL REPLACE AND CLEAN FILTER MEDIAS USED IN DEWATERING DEVICES WHEN REQUIRED TO MAINTAIN ADEQUATE FUNCTION.

POLLUTION PREVENTION MANAGEMENT MEASURES:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POLLUTION PREVENTION MANAGEMENT MEASURES.

ALL POLLUTION PREVENTION MEASURES ARE CONSIDERED INCIDENTAL TO THE MOBILIZATION BID ITEM, UNLESS OTHERWISE NOTED.

THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL, IN COMPLIANCE WITH MPCA DISPOSAL REQUIREMENTS, OF ALL HAZARDOUS MATERIALS, SOLID WASTE, AND PRODUCTS ON-SITE.

THE CONTRACTOR SHALL ENSURE BUILDING PRODUCTS THAT HAVE THE POTENTIAL TO LEAK POLLUTANTS ARE KEPT UNDER COVER TO PREVENT THE DISCHARGE OF POLLUTANTS.

THE CONTRACTOR SHALL ENSURE PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS, AND LANDSCAPE MATERIALS ARE COVERED TO PREVENT THE DISCHARGE OF POLLUTANTS.

THE CONTRACTOR SHALL ENSURE HAZARDOUS MATERIALS AND TOXIC WASTE IS PROPERLY STORED IN SEALED CONTAINERS TO PREVENT SPILLS, LEAKS, OR OTHER DISCHARGE. STORAGE AND DISPOSAL OF HAZARDOUS WASTE OR HAZARDOUS MATERIALS MUST BE IN COMPLIANCE WITH MINN. R. CH. 7045 INCLUDING SECONDARY CONTAINMENT AS APPLICABLE.

THE CONTRACTOR SHALL ENSURE ASPHALT SUBSTANCES USED ON-SITE SHALL ARE APPLIED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

THE CONTRACTOR SHALL ENSURE PAINT CONTAINERS AND CURING COMPOUNDS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT AND/OR CURING COMPOUNDS SHALL NOT BE DISCHARGED INTO THE STORM SEWER SYSTEM AND SHALL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURE'S INSTRUCTION.

THE CONTRACTOR SHALL ENSURE SOLID WASTE BE STORED, COLLECTED AND DISPOSED OF PROPERLY IN COMPLIANCE WITH MINN. R. CH. 7035.

THE CONTRACTOR SHALL ENSURE POTABLE TOILETS ARE POSITIONED SO THAT THEY ARE SECURE AND WILL NOT BE TIPPED OR KNOCKED OVER. SANITARY WASTE MUST BE DISPOSED OF PROPERLY IN ACCORDANCE WITH MINN. R. CH. 7041.

THE CONTRACTOR SHALL MONITOR ALL VEHICLES ON-SITE FOR LEAKS AND RECEIVE REGULAR PREVENTION MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.

THE CONTRACTOR SHALL ENSURE WASHOUT WASTE MUST CONTACT THE GROUND AND BE PROPERLY DISPOSED OF IN COMPLIANCE WITH MPCA RULES.

THE CONTRACTOR SHALL INCLUDE SPILL KITS WITH ALL FUELING SOURCES AND MAINTENANCE ACTIVITIES. SECONDARY CONTAINMENT MEASURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR.

THE CONTRACTOR SHALL ENSURE SPILLS ARE CONTAINED AND CLEANED UP IMMEDIATELY UPON DISCOVERY. SPILLS LARGE ENOUGH TO REACH THE STORM WATER CONVEYANCE SYSTEM SHALL BE REPORTED TO THE MINNESOTA DUTY OFFICER AT 1.800.422.0798.

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Drawn By	KLL	.		
Designed By	KLL	.		
Checked By	JLB	.		

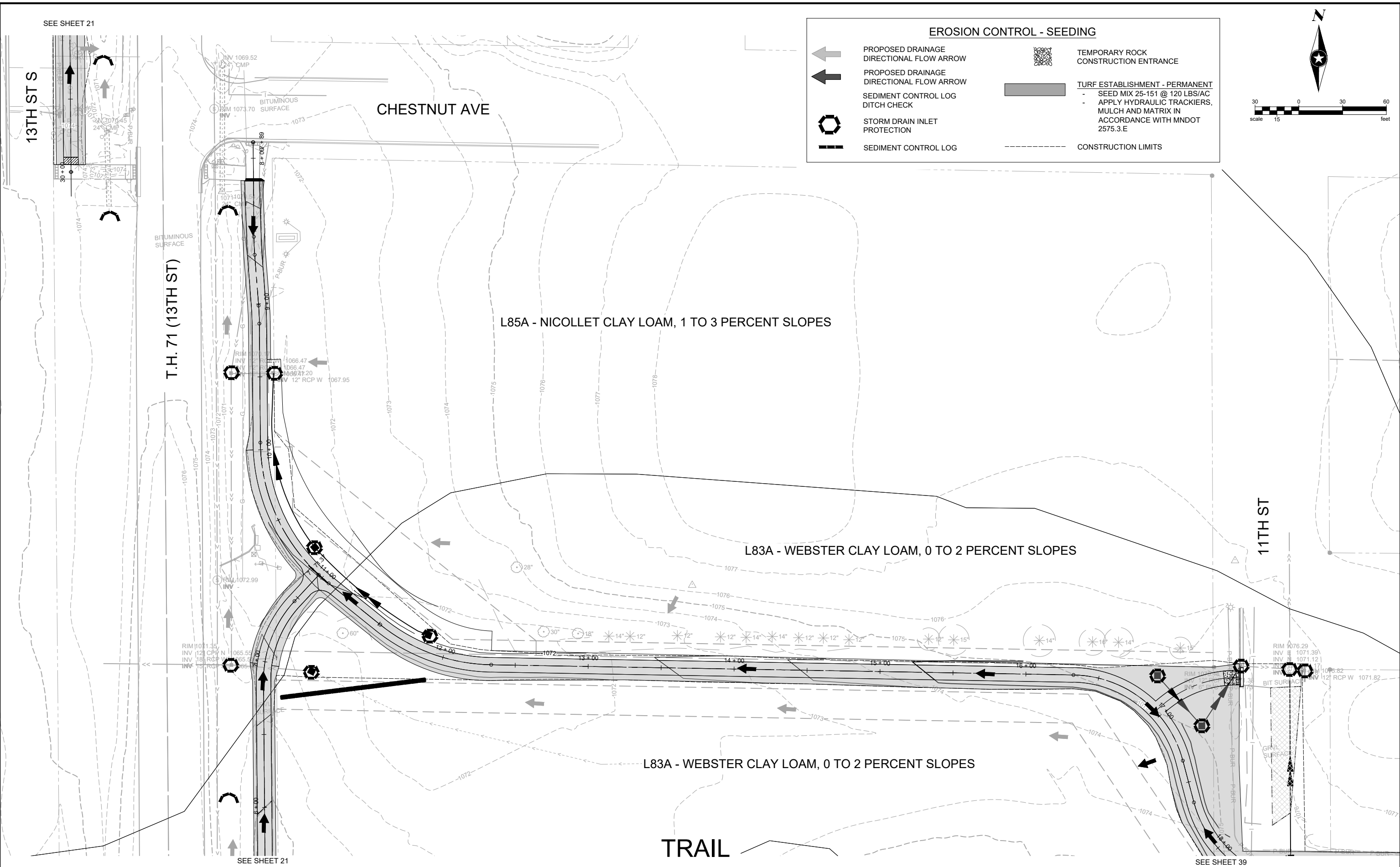


90% DRAFT

SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

STORM WATER POLLUTION
PREVENTION PLAN
SP 065-090-003

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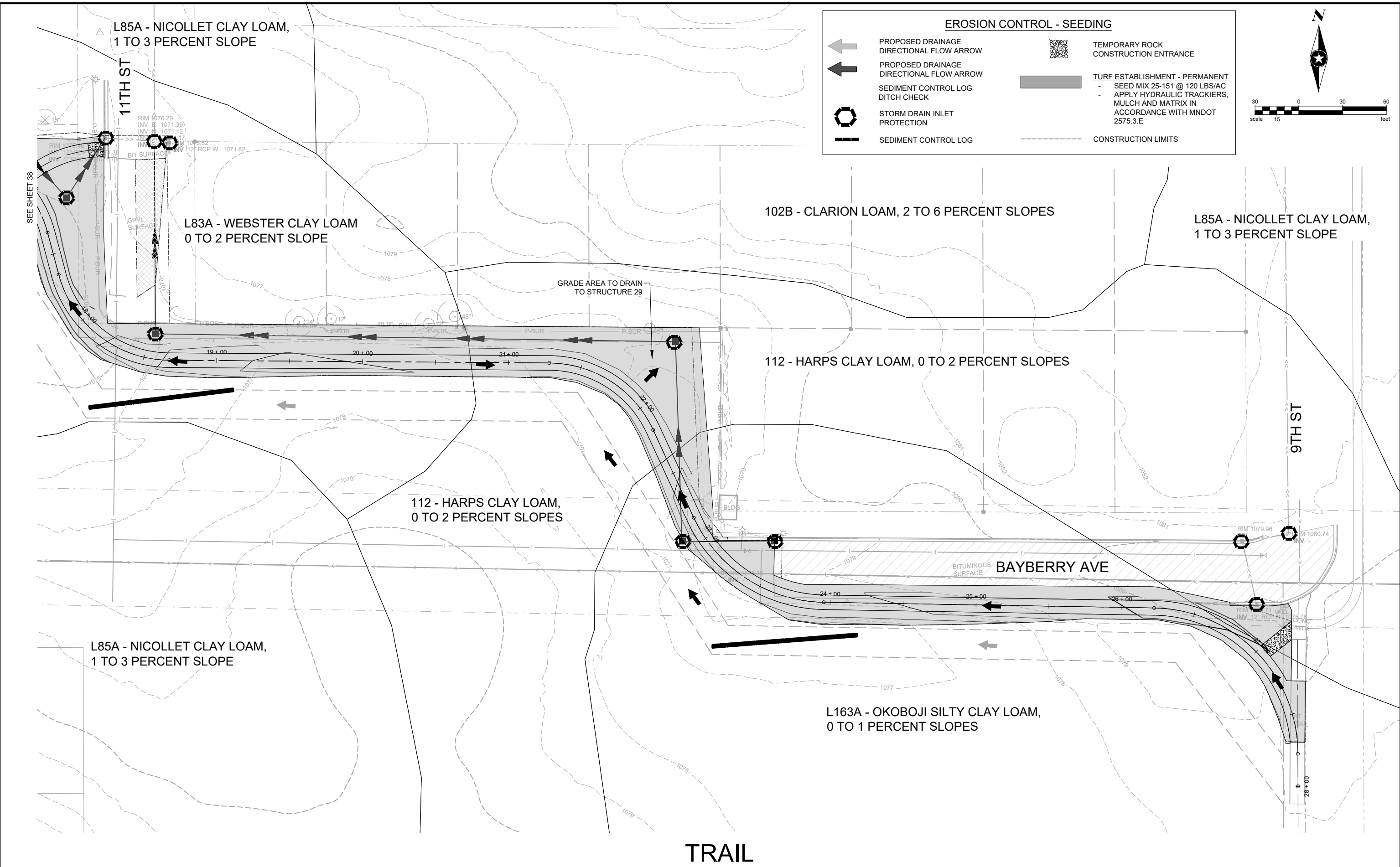
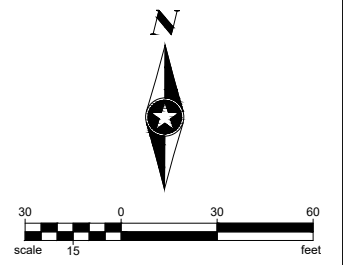
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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

EROSION CONTROL
TRAIL
SP 065-090-003

EROSION CONTROL - SEEDING

	PROPOSED DRAINAGE DIRECTIONAL FLOW ARROW		TEMPORARY ROCK CONSTRUCTION ENTRANCE
	PROPOSED DRAINAGE DIRECTIONAL FLOW ARROW		TURF ESTABLISHMENT - PERMANENT
	SEDIMENT CONTROL LOG DITCH CHECK		SEED MIX 25-151 @ 120 LBS/AC
	STORM DRAIN INLET PROTECTION		APPLY HYDRAULIC TRACKIERS, MULCH AND MATRIX IN ACCORDANCE WITH MNDOT 2575.3.E
	SEDIMENT CONTROL LOG		CONSTRUCTION LIMITS



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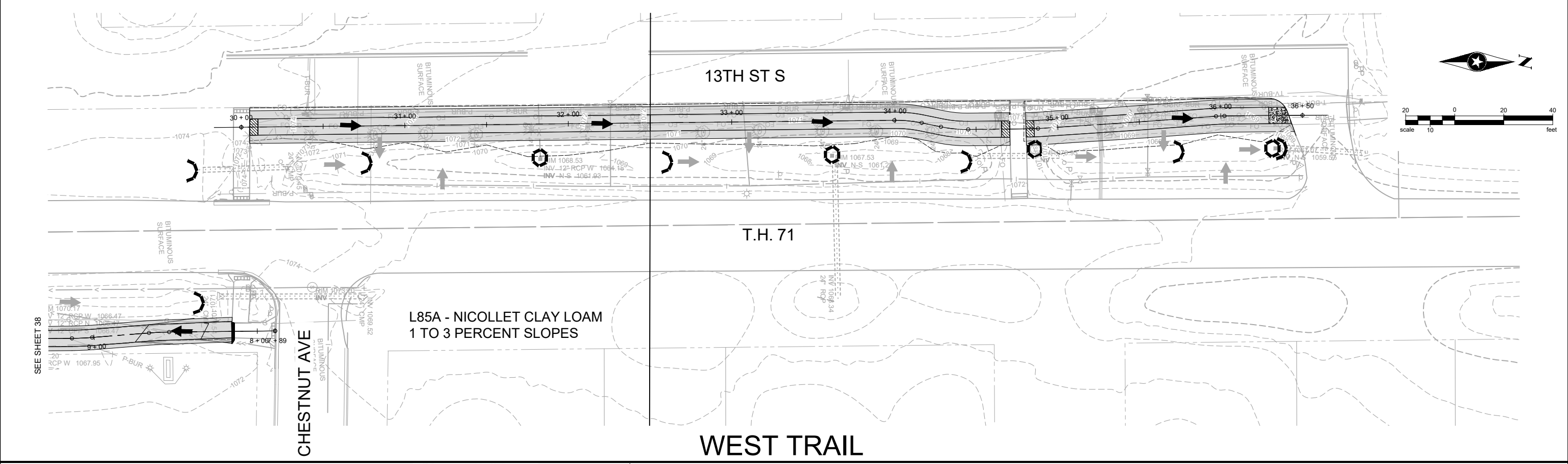
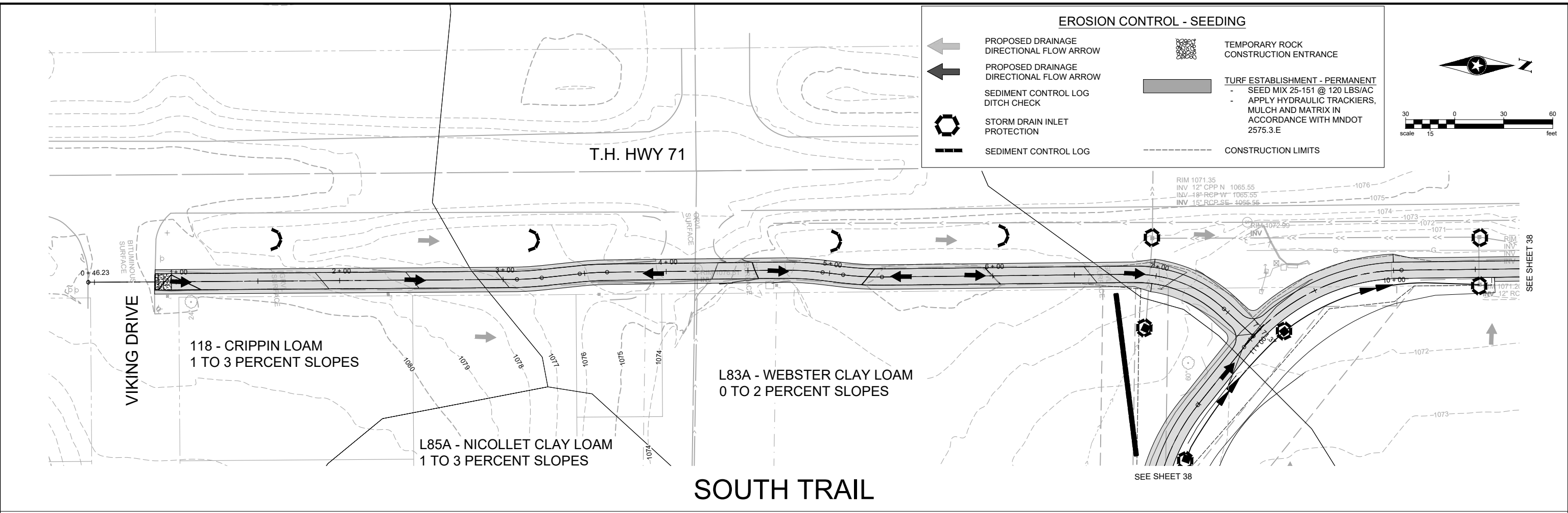
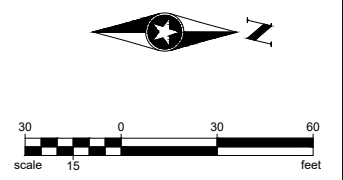
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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

EROSION CONTROL
TRAIL
SP 065-090-003

EROSION CONTROL - SEEDING

- ← PROPOSED DRAINAGE DIRECTIONAL FLOW ARROW
- ↔ PROPOSED DRAINAGE DIRECTIONAL FLOW ARROW
- SEDIMENT CONTROL LOG DITCH CHECK
- STORM DRAIN INLET PROTECTION
- SEDIMENT CONTROL LOG
- ▣ TEMPORARY ROCK CONSTRUCTION ENTRANCE
- ▬ TURF ESTABLISHMENT - PERMANENT
- SEED MIX 25-151 @ 120 LBS/AC
- APPLY HYDRAULIC TRACKERS, MULCH AND MATRIX IN ACCORDANCE WITH MNDOT 2575.3.E
- CONSTRUCTION LIMITS



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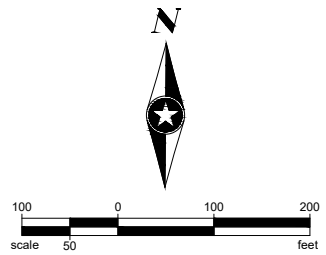
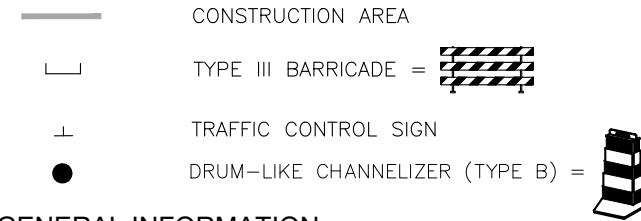
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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

EROSION CONTROL
SOUTH & WEST TRAIL
SP 065-090-003

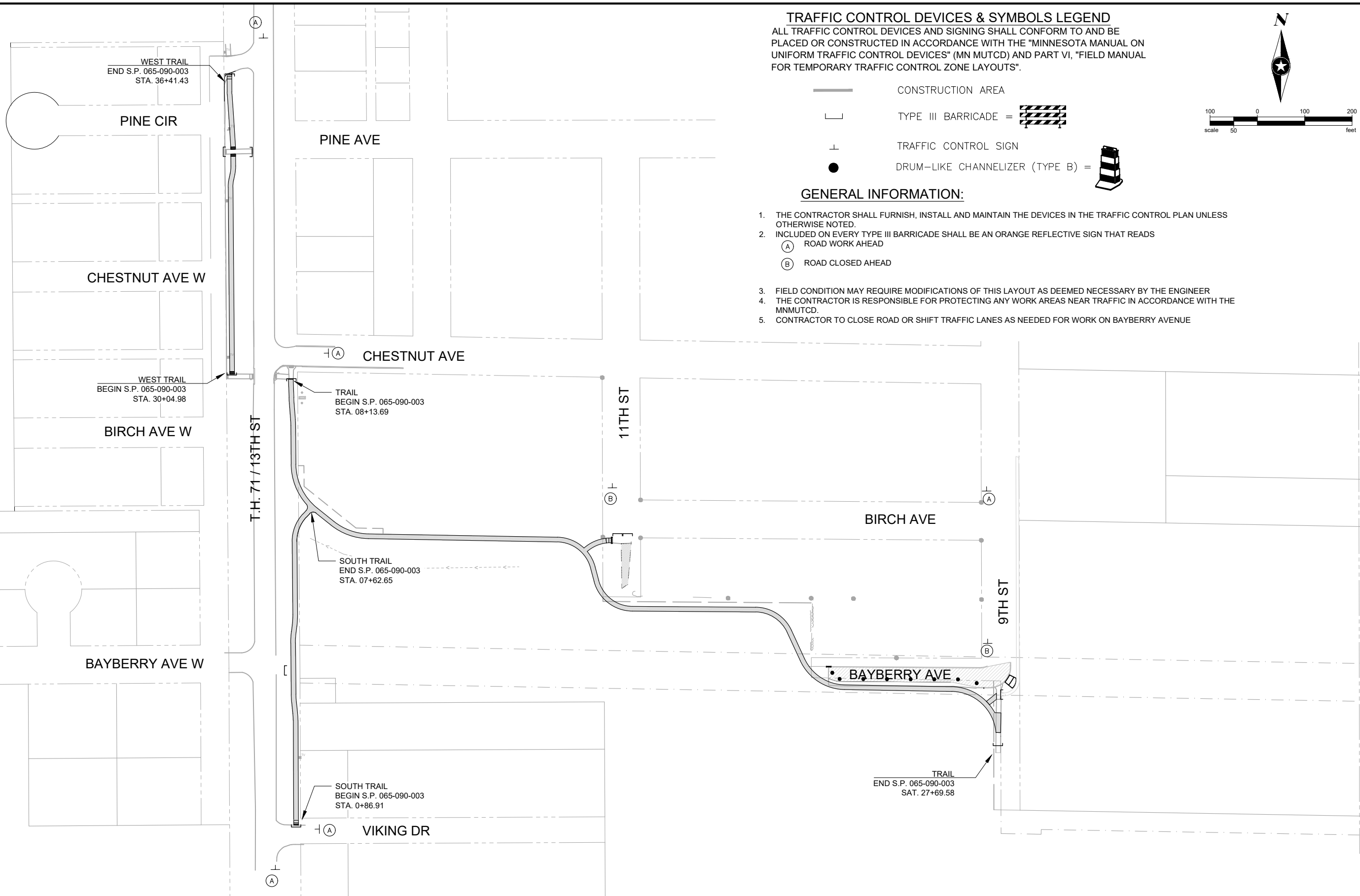
TRAFFIC CONTROL DEVICES & SYMBOLS LEGEND

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO AND BE PLACED OR CONSTRUCTED IN ACCORDANCE WITH THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD) AND PART VI, "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS".



GENERAL INFORMATION:

1. THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN THE DEVICES IN THE TRAFFIC CONTROL PLAN UNLESS OTHERWISE NOTED.
2. INCLUDED ON EVERY TYPE III BARRICADE SHALL BE AN ORANGE REFLECTIVE SIGN THAT READS
 - (A) ROAD WORK AHEAD
 - (B) ROAD CLOSED AHEAD
3. FIELD CONDITION MAY REQUIRE MODIFICATIONS OF THIS LAYOUT AS DEEMED NECESSARY BY THE ENGINEER
4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ANY WORK AREAS NEAR TRAFFIC IN ACCORDANCE WITH THE MNMUTCD.
5. CONTRACTOR TO CLOSE ROAD OR SHIFT TRAFFIC LANES AS NEEDED FOR WORK ON BAYBERRY AVENUE



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Designed By	DDM	.		
Checked By	JLB	.		

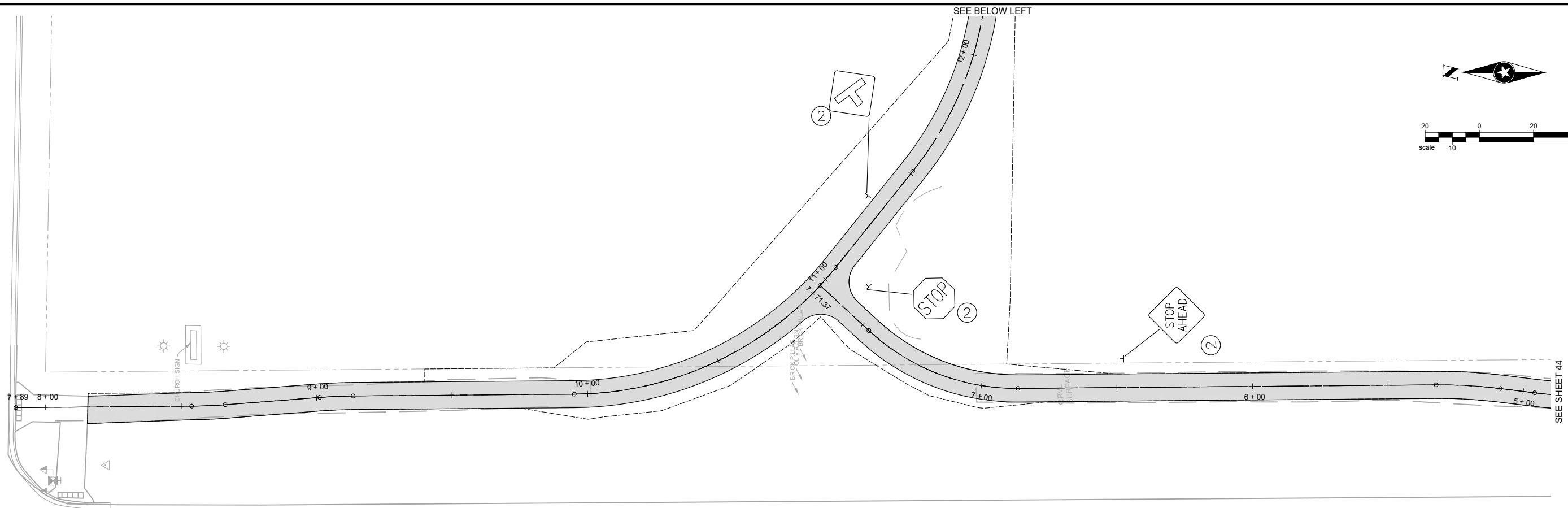


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SAFE ROUTES TO SCHOOL TRAIL
 PHASE II
 OLIVIA, MN

TRAFFIC CONTROL
 SP 065-090-003

CHESTNUT AVE

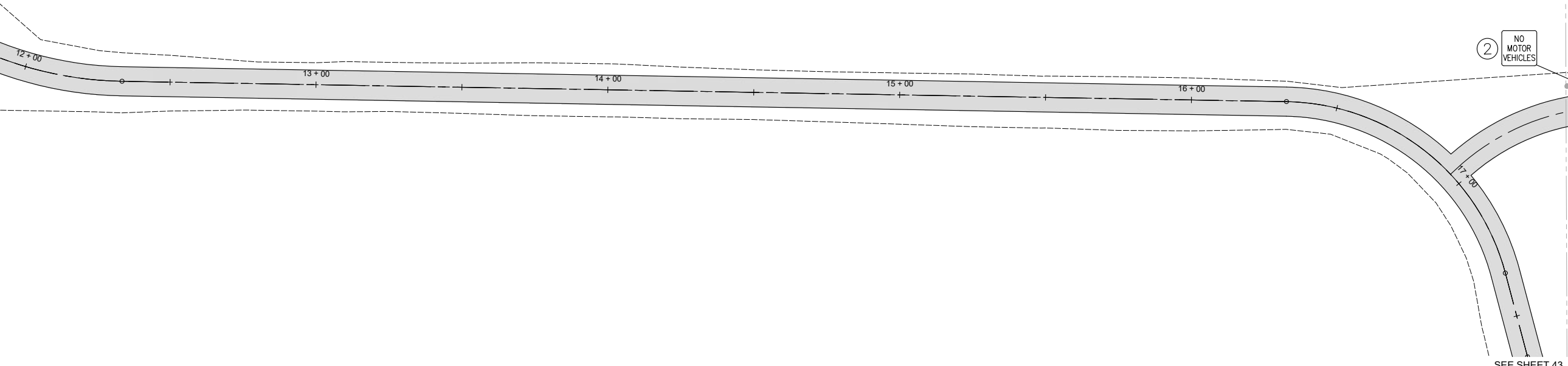


T.H. 71 / 13TH ST

TRAIL

- NOTE:**
- ① SALVAGE AND REINSTALL EXISTING SIGN AND POST
 - ② FURNISH AND INSTALL NEW SIGN AND POST (POST IS INCIDENTAL)
 - ③ CROSSWALK - 12" SOLID WHITE LINE (PAINT) 10' WIDE, CENTER ON ADJACENT PEDESTRIAN RAMP

SEE ABOVE RIGHT



11TH ST

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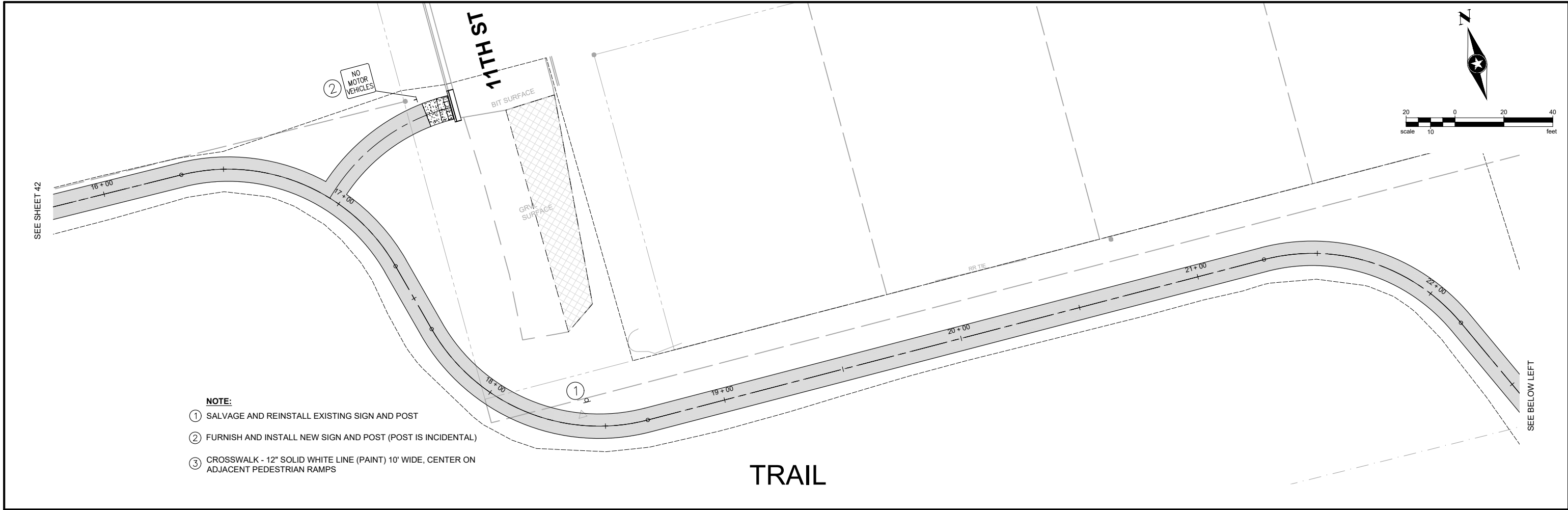
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Designed By	DDM	.	.	.
Checked By	JLB	.	.	.



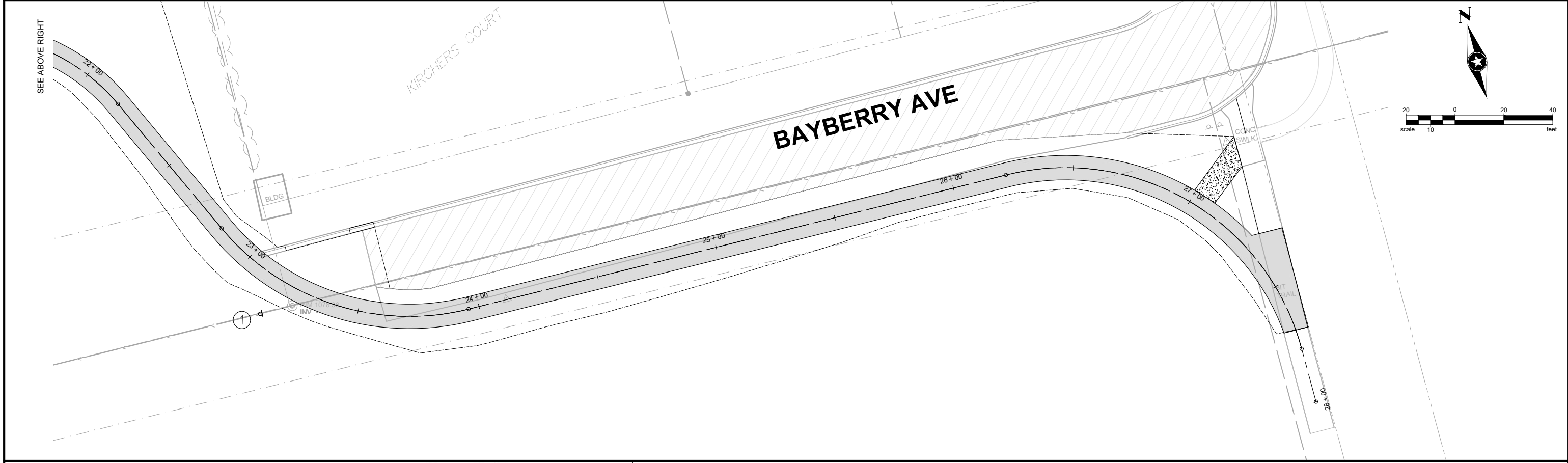
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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

SIGNING & STRIPING PLAN
TRAIL
SP 065-090-003



- NOTE:**
- ① SALVAGE AND REINSTALL EXISTING SIGN AND POST
 - ② FURNISH AND INSTALL NEW SIGN AND POST (POST IS INCIDENTAL)
 - ③ CROSSWALK - 12" SOLID WHITE LINE (PAINT) 10' WIDE, CENTER ON ADJACENT PEDESTRIAN RAMP



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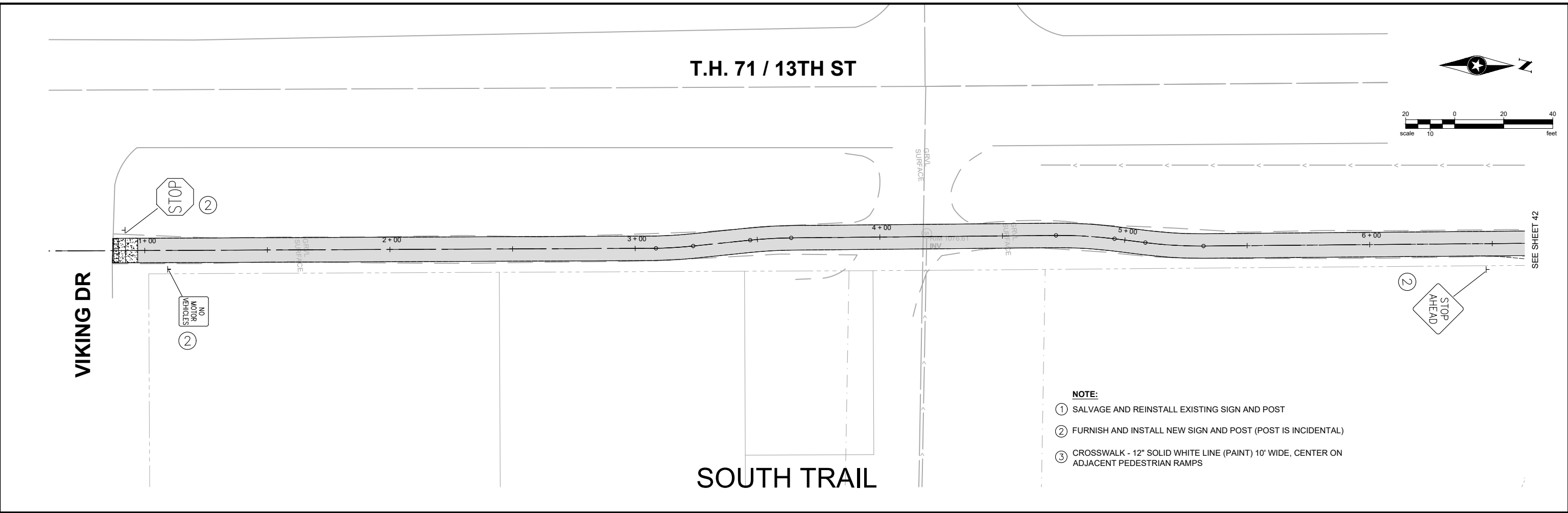
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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

SIGNING & STRIPING PLAN
TRAIL
SP 065-090-003



SPACE INTENTIONALLY LEFT BLANK

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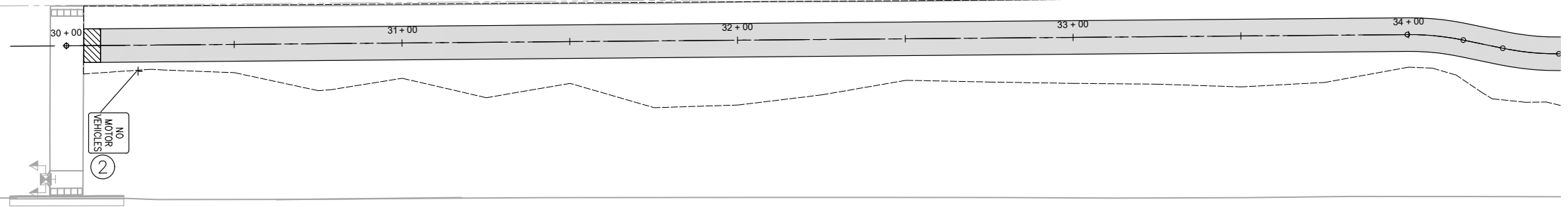


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**SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN**

**SIGNING AND STRIPING PLAN
SOUTH TRAIL
SP 065-090-003**

13TH ST S

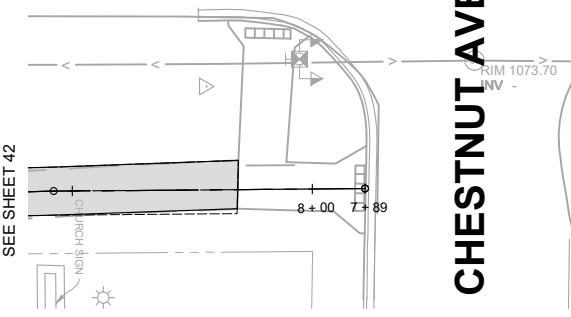


T.H. 71 / 13TH ST

CHESTNUT AVE

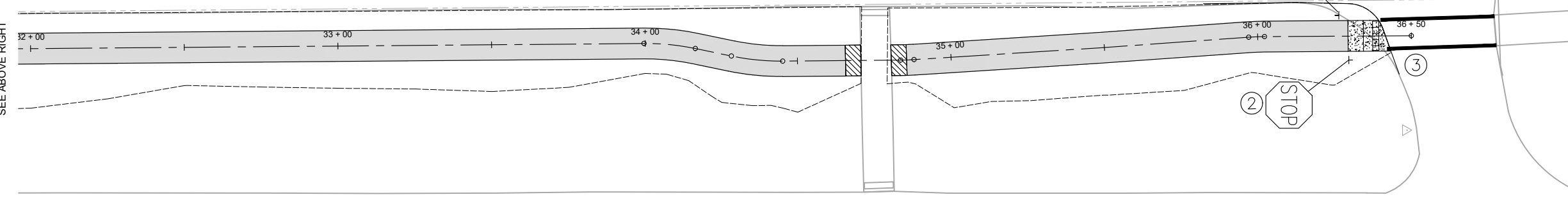
WEST TRAIL

- NOTE:**
- ① SALVAGE AND REINSTALL EXISTING SIGN AND POST
 - ② FURNISH AND INSTALL NEW SIGN AND POST (POST IS INCIDENTAL)
 - ③ CROSSWALK - 12" SOLID WHITE LINE (PAINT) 10' WIDE, CENTER ON ADJACENT PEDESTRIAN RAMP



CHESTNUT AVE W

T.H. 71 / 13TH ST



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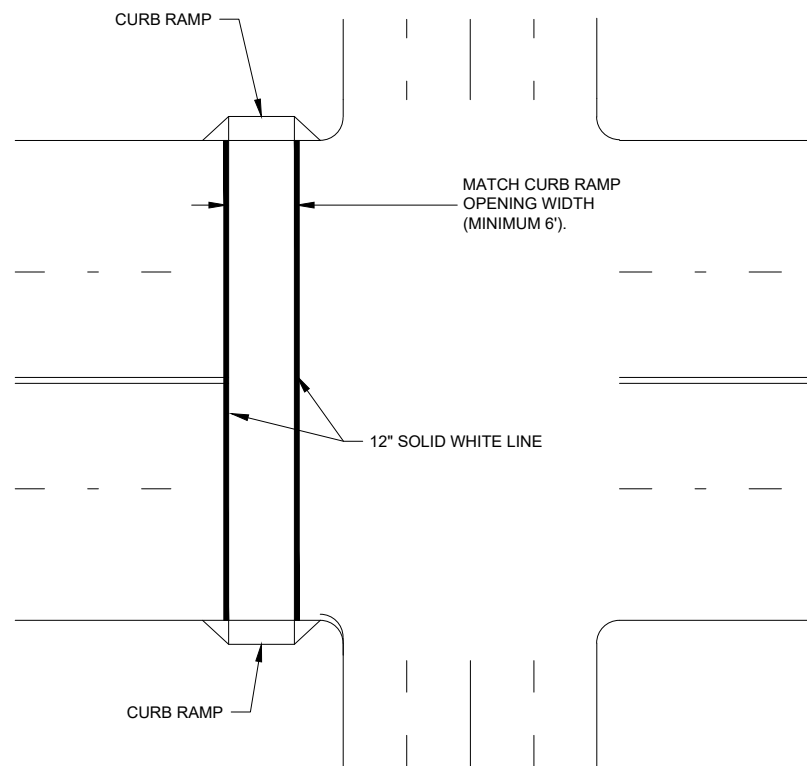


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SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVIA, MN

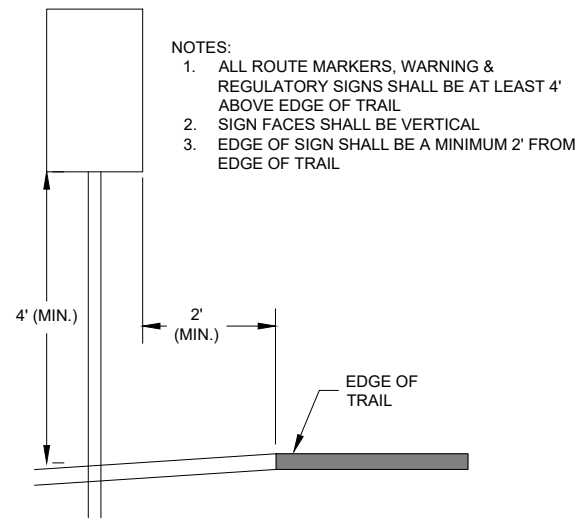
SIGNING & STRIPING PLAN
WEST TRAIL
SP 065-090-003

PEDESTRIAN CROSSWALK MARKINGS (SOLID WHITE LINE)



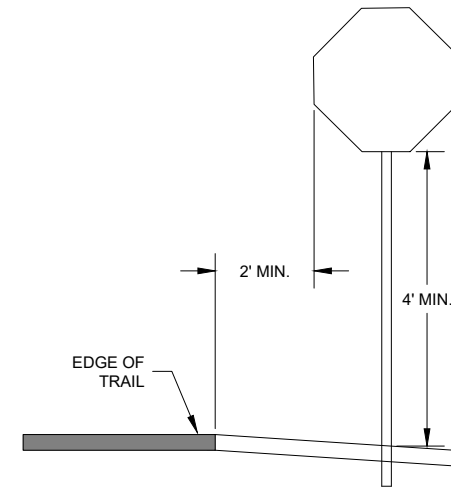
- NOTES:
1. CENTER CROSSWALK OPENING ON CURB RAMP OPENINGS
 2. SEE PLAN FOR SOLID WHITE LINE TYPE
 3. MEASURE CROSSWALK OPENING FROM INSIDE OF SOLID WHITE LINES.

J - PAVEMENT MARKINGS			
ITEM	UNIT	TOTALS	NOTES
12" SOLID LINE PAINT	LIN FT	72	WHITE, CROSSWALK



- NOTES:
1. ALL ROUTE MARKERS, WARNING & REGULATORY SIGNS SHALL BE AT LEAST 4' ABOVE EDGE OF TRAIL
 2. SIGN FACES SHALL BE VERTICAL
 3. EDGE OF SIGN SHALL BE A MINIMUM 2' FROM EDGE OF TRAIL

TYPE C SIGN TYPICAL PLACEMENT



- GENERAL NOTES:
1. POST LENGTHS ARE APPROXIMATE AND INCLUDE EMBEDMENT, BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE
 2. SEE MNDOT STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF THE TYPE C SIGNS
 3. SEE SHEETS ## TO ## FOR STRUCTURAL DETAILS
 4. SEE MNDOT TRAFFIC ENGINEERING MANUAL, SECTION 2A.21 FOR POSTS AND MOUNTINGS GUIDANCE.
 5. SEE MNDOT TRAFFIC ENGINEERING MANUAL, FIGURE 9B-1 FOR SIGN PLACEMENT.
 6. COORDINATE INSTALLATION OF ALL SIGN POSTS WITH ROAD CONSTRUCTION.
 7. ALL SIGN PANELS SHALL MEET DG3 SPECIFICATIONS.

TYPICAL STOP SIGN PLACEMENT

- SPECIFIC NOTES:
1. MOUNTING HEIGHT IS MINIMUM SEE SHEET --- FOR TYPICAL MOUNTING.
 2. MOUNT IS CONCRETE TYPICAL FOR TYPE C SIGNS. SEE SHEET ## FOR TYPICAL DETAILS. SEE PLAN FOR LOCATIONS IN CONCRETE.

K - SIGN PANELS TYPE C

SIGN NO.	SIGN PANELS TYPE C	POSTS			MTG. HT. (FT.) (1)	SIGN PANEL TYPE C			CODE NO.	INSTALL SIGN PANEL TYPE C (EACH)	PANEL LEGEND
		NO. & TYPE	KNEE BRACES QUANT.	LENGTH (FT.)		SIZE (IN.)	AREA (SQ. FT.)	TOTAL AREA (SQ. FT.)			
C-1	4	1-U		12	7	18 x 18	2.25	9.00	R1-1		STOP
C-2	1			12	7	18 x 18	2.25	2.25	W3-1A		STOP AHEAD
C-3	5	1-U		13	7	24 x 24	4.00	20.00	R5-3		NO MOTOR VEHICLES
C-4	1	1-U		13	7	18 x 18	2.25	2.25	W2-4		"T" INTERSECTION AHEAD
SALVAGED SIGN TYPE C										2	SALVAGE & REINSTALL 9 BUTTON WITH POST
PROJECT ITEM TOTALS										2.00	

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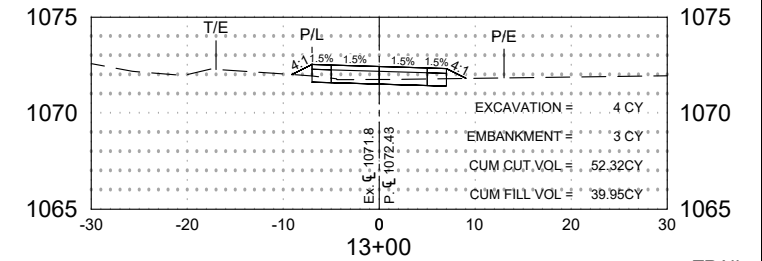
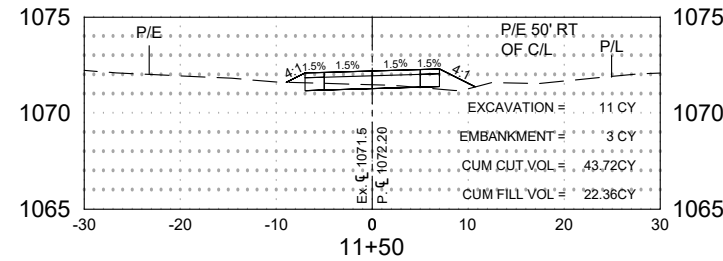
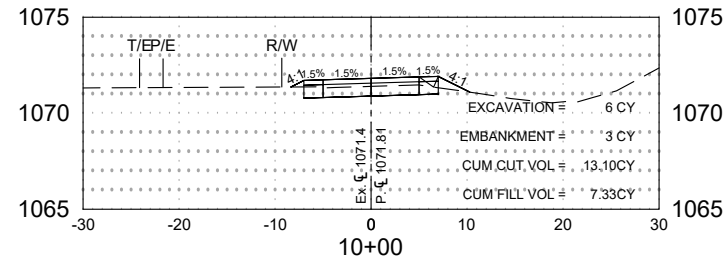
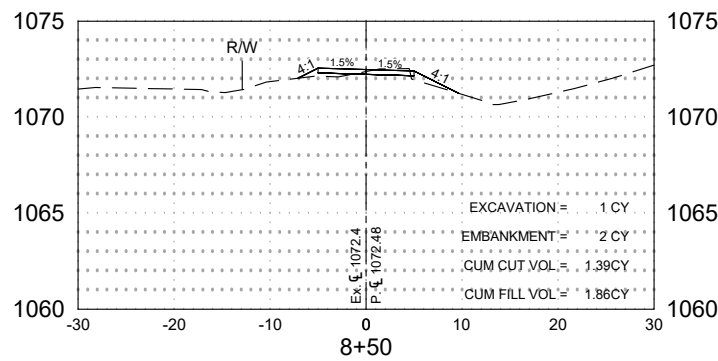
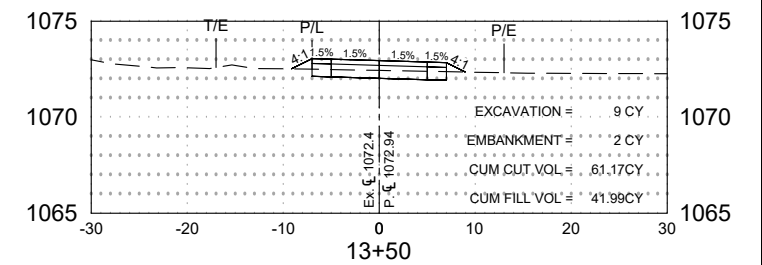
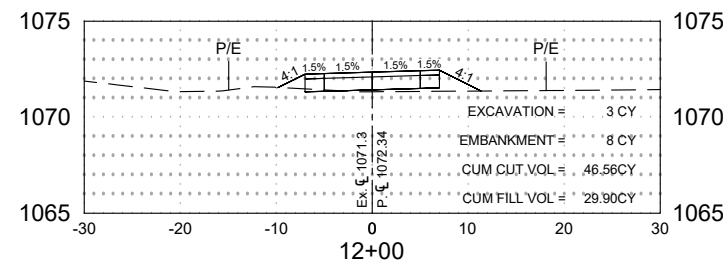
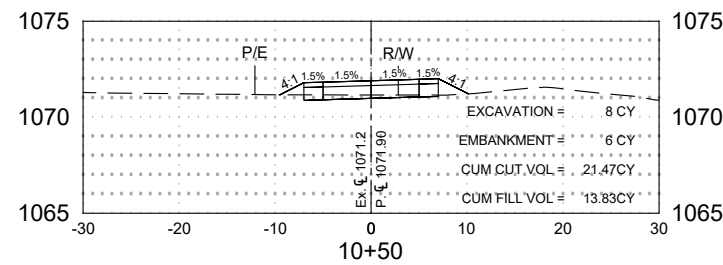
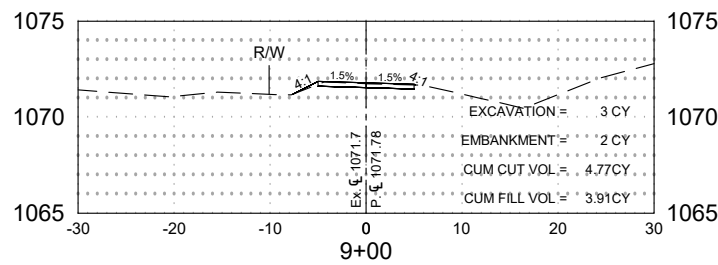
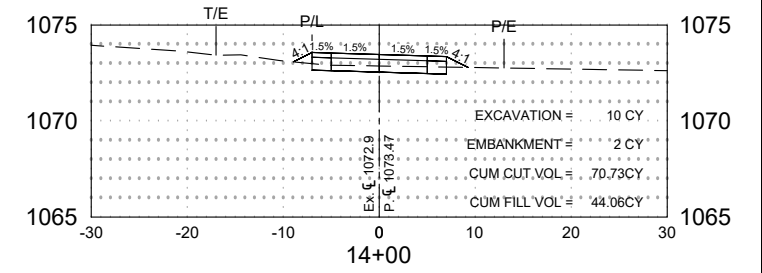
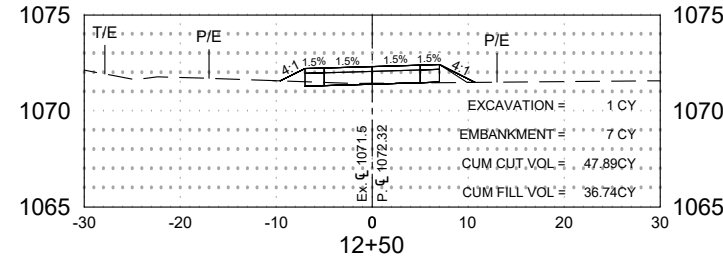
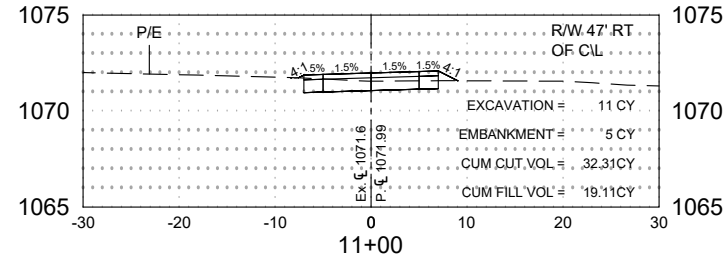
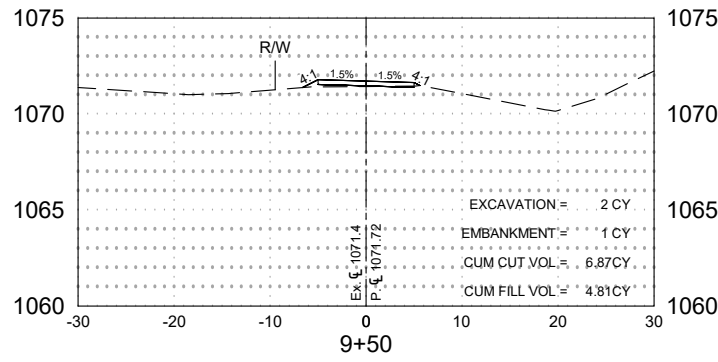


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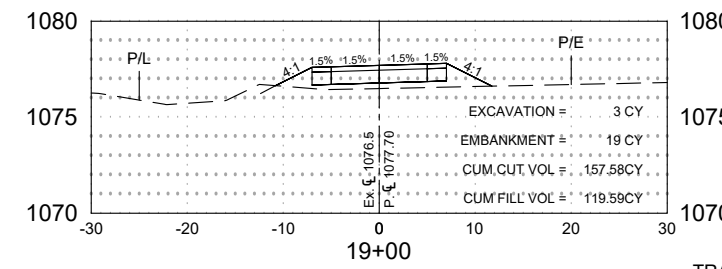
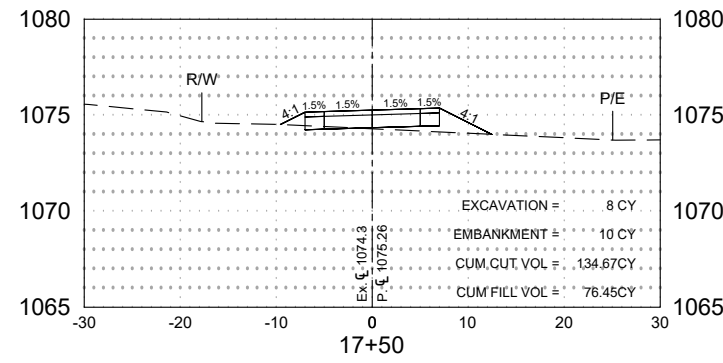
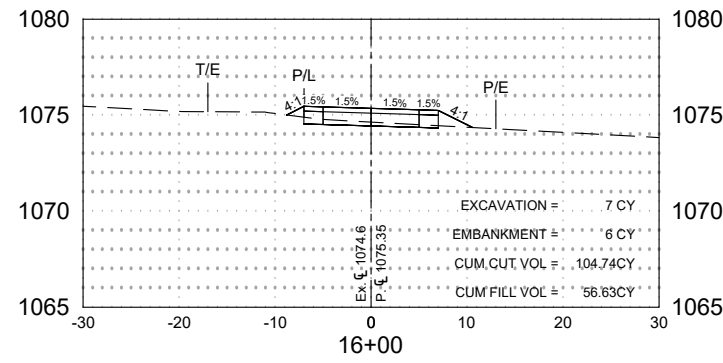
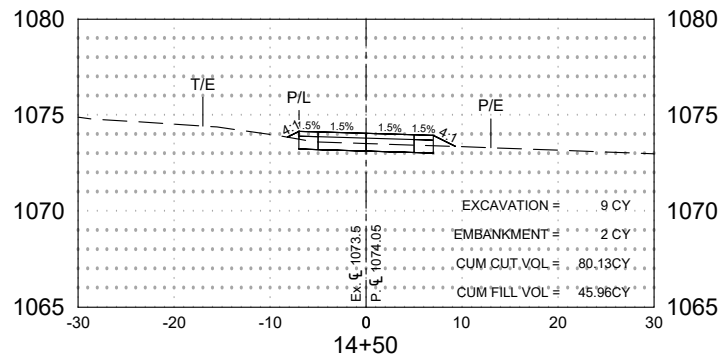
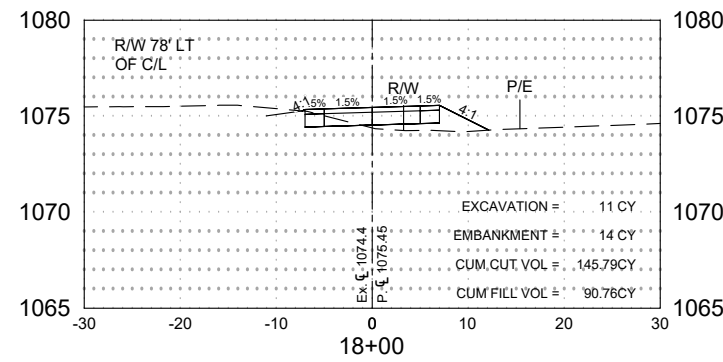
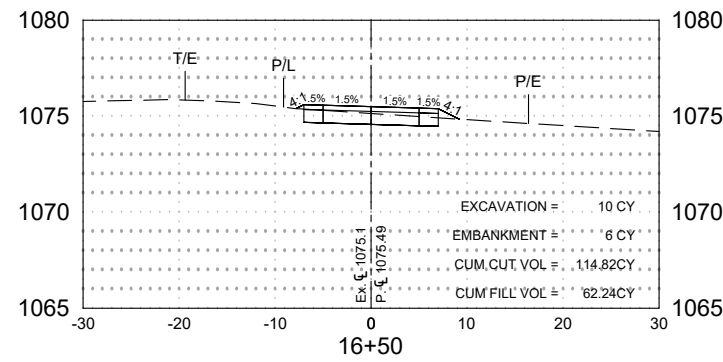
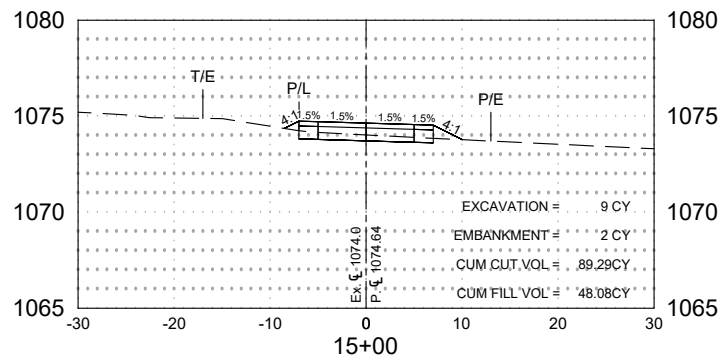
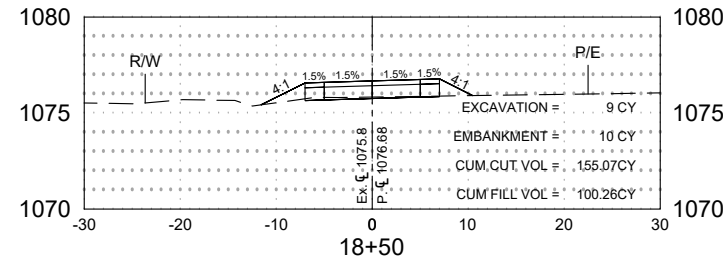
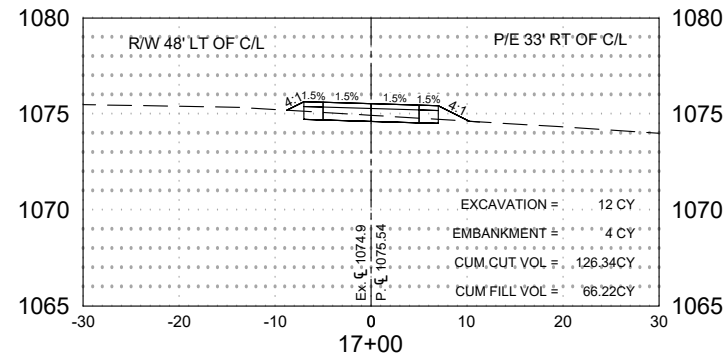
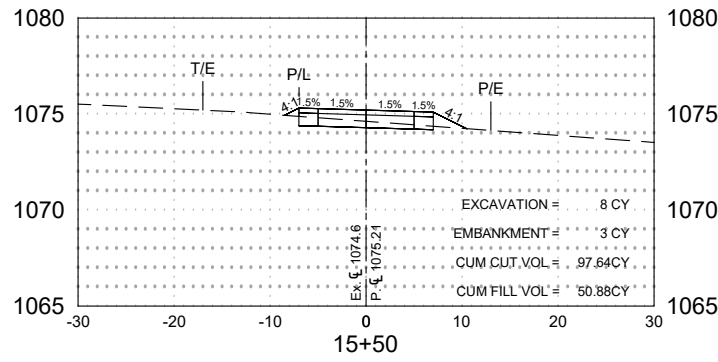
SAFE ROUTES TO SCHOOL TRAIL
PHASE II
OLIVA, MN

SIGNING & STRIPING SCHEDULE
SP 065-090-003

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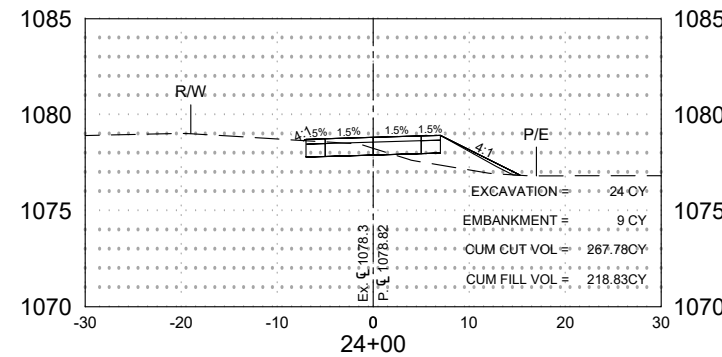
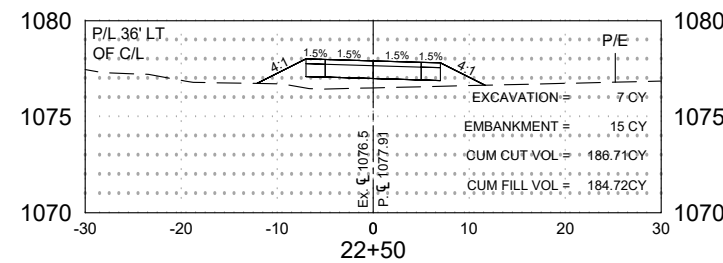
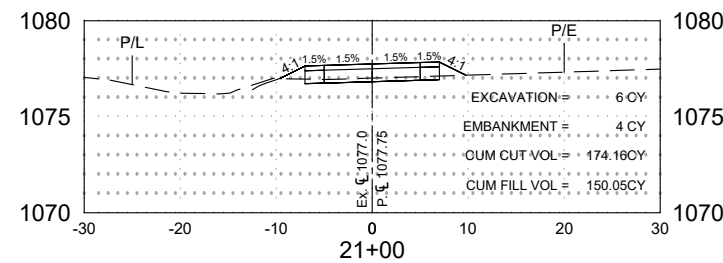
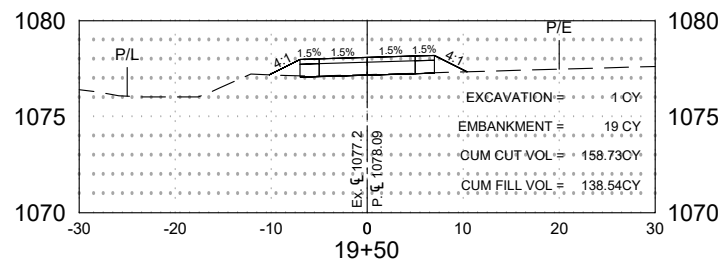
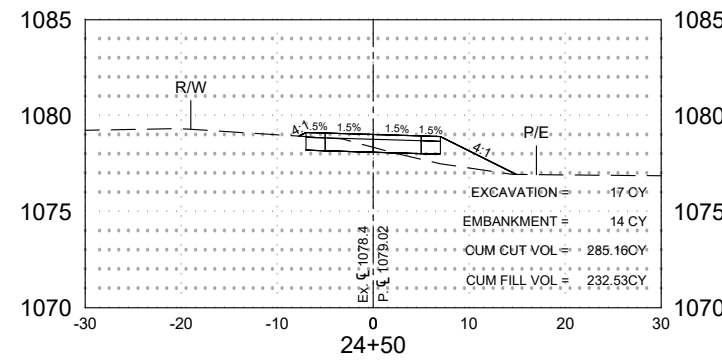
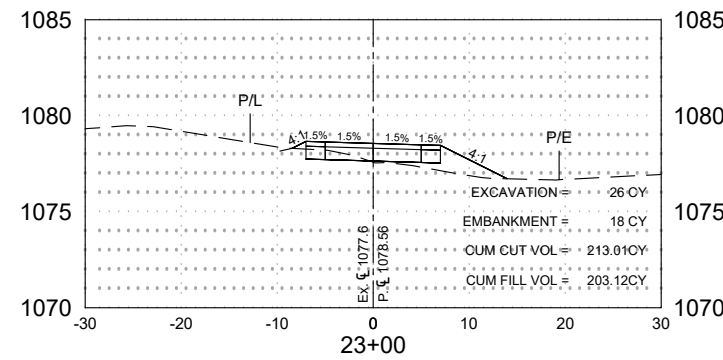
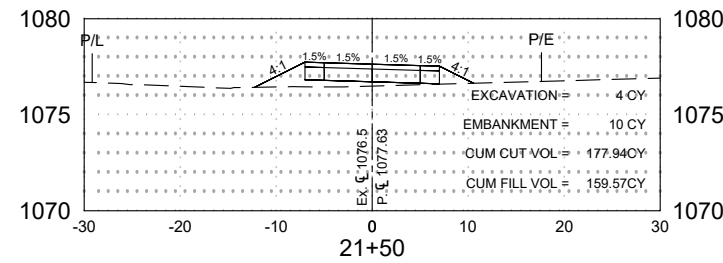
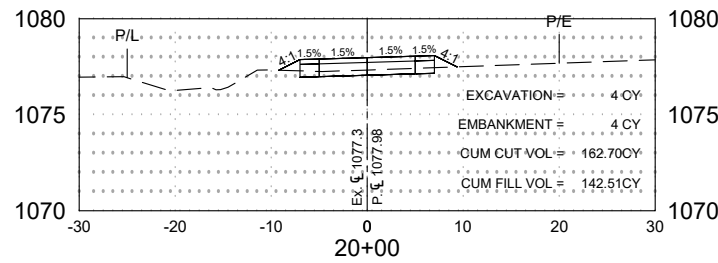
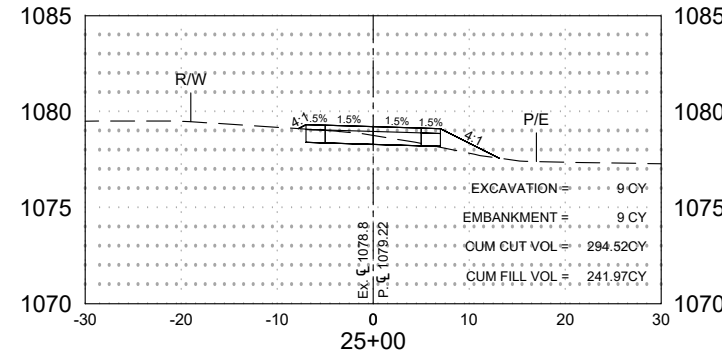
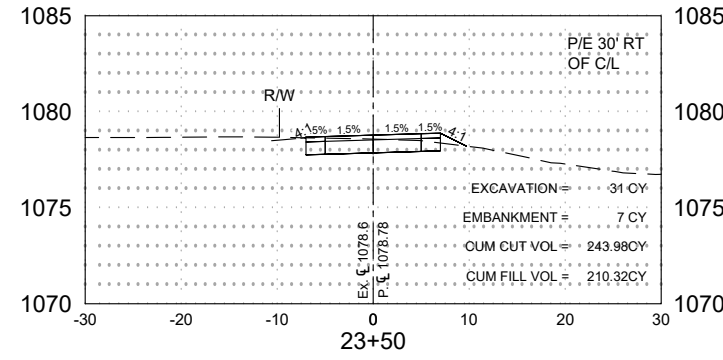
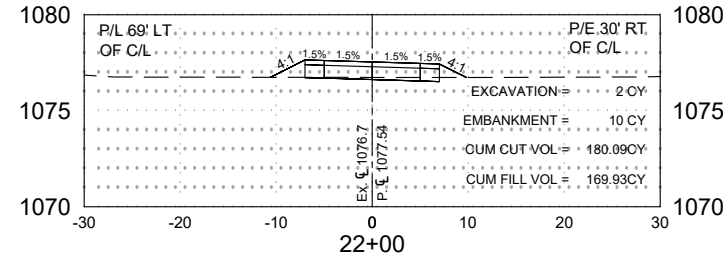
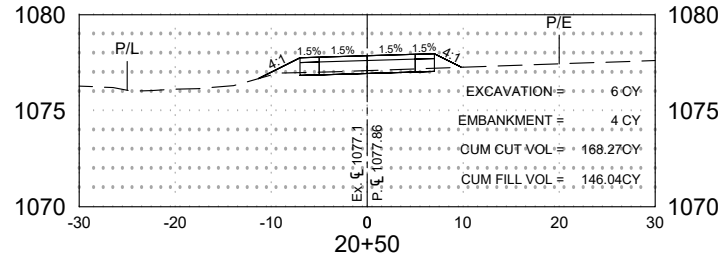


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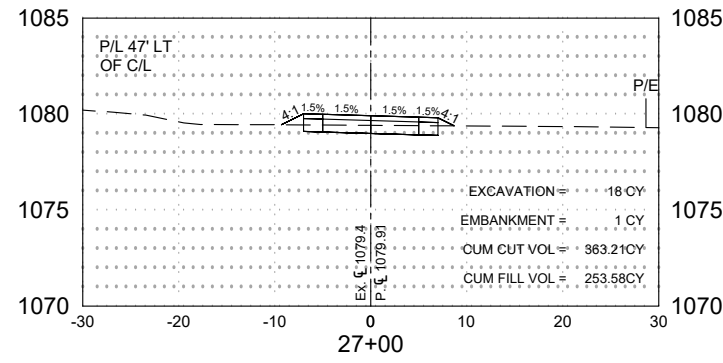
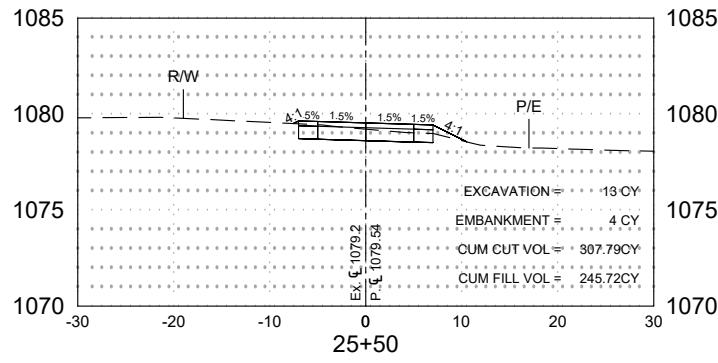
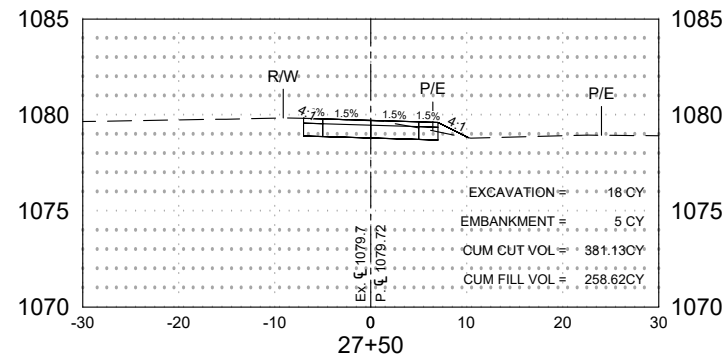
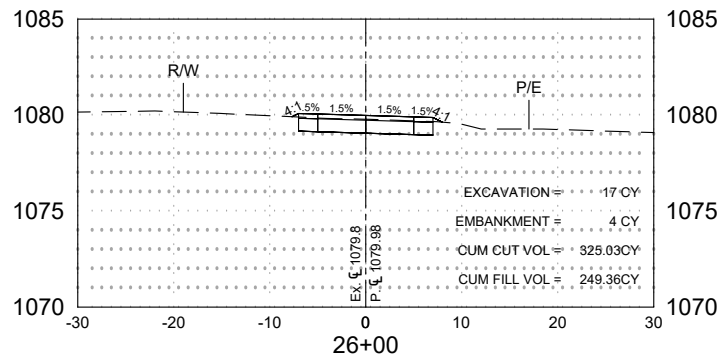
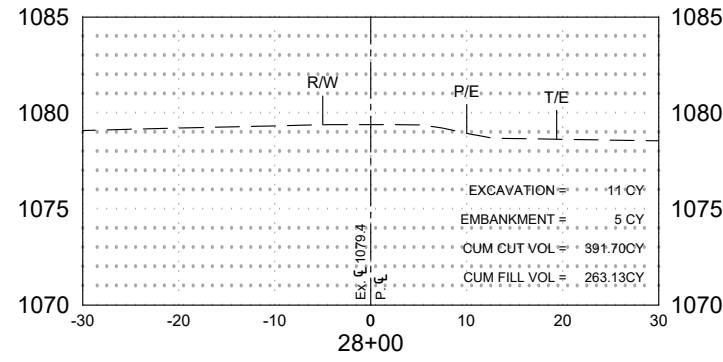
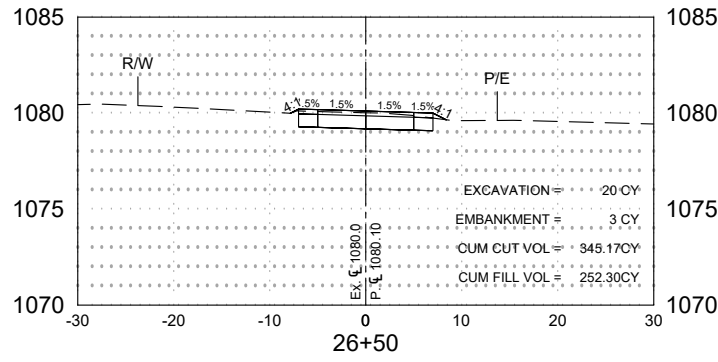


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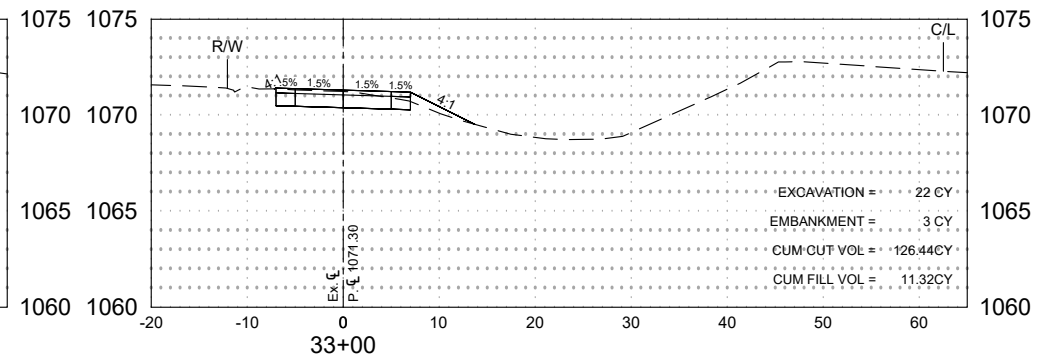
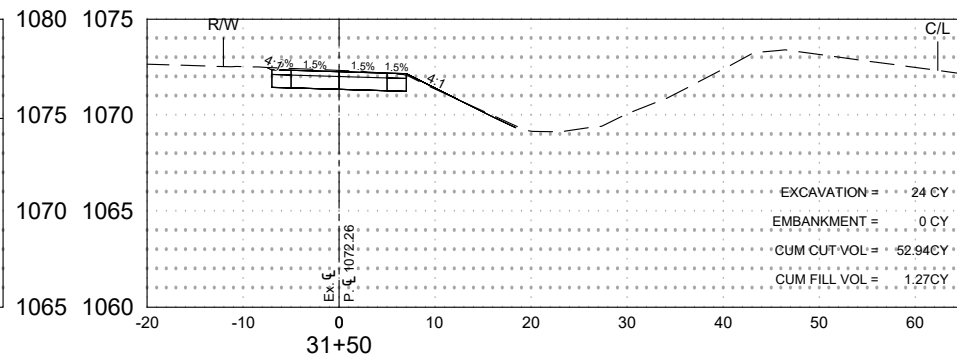
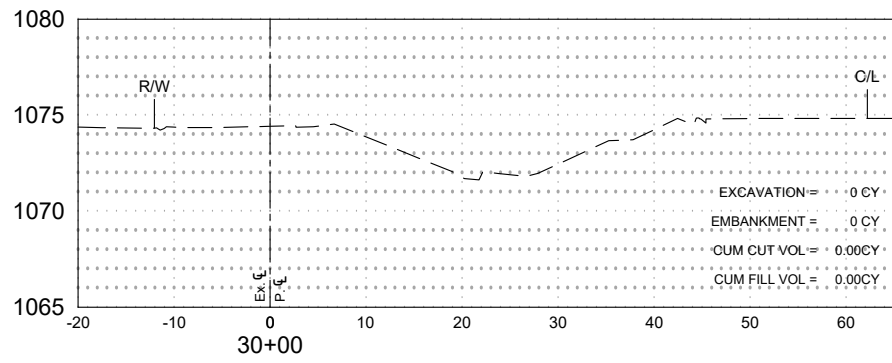
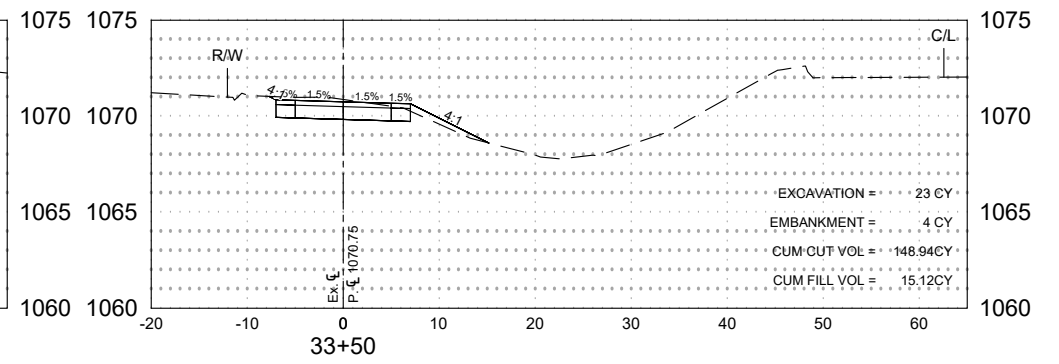
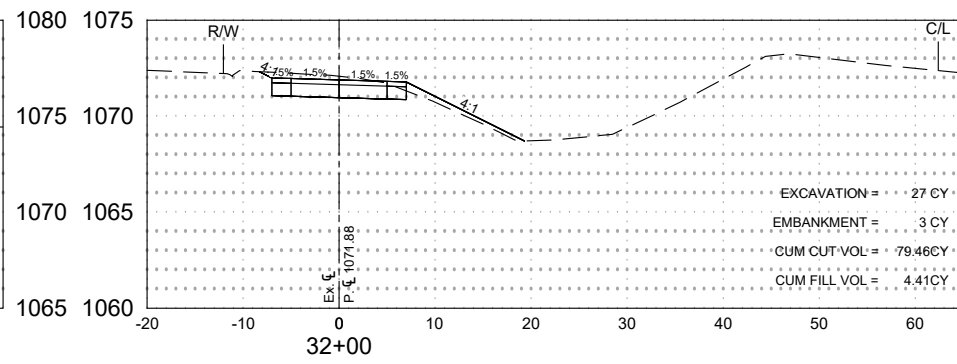
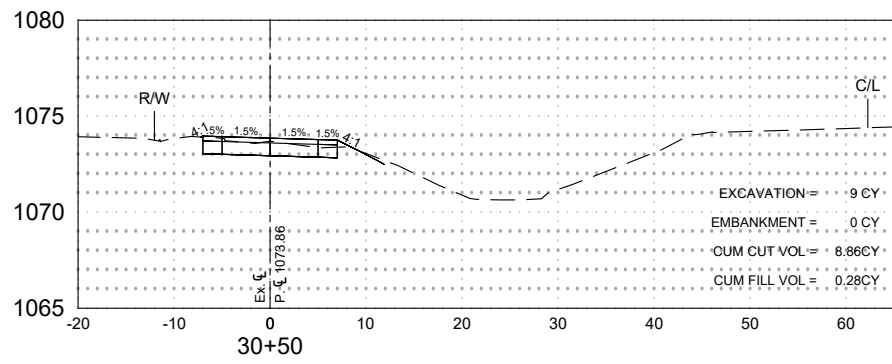
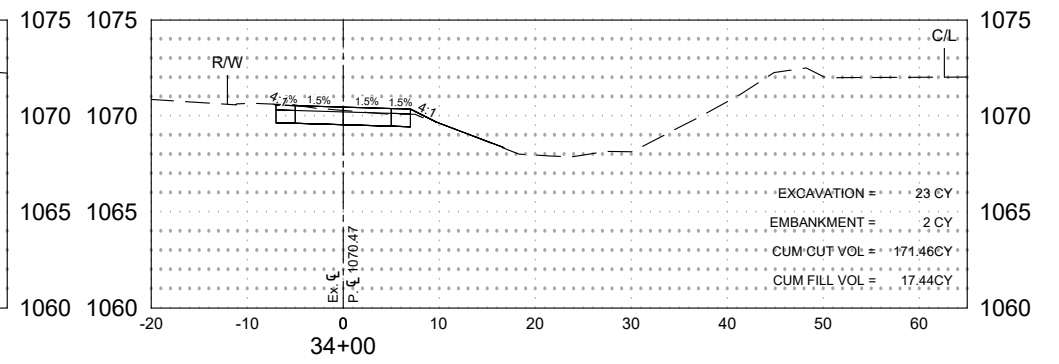
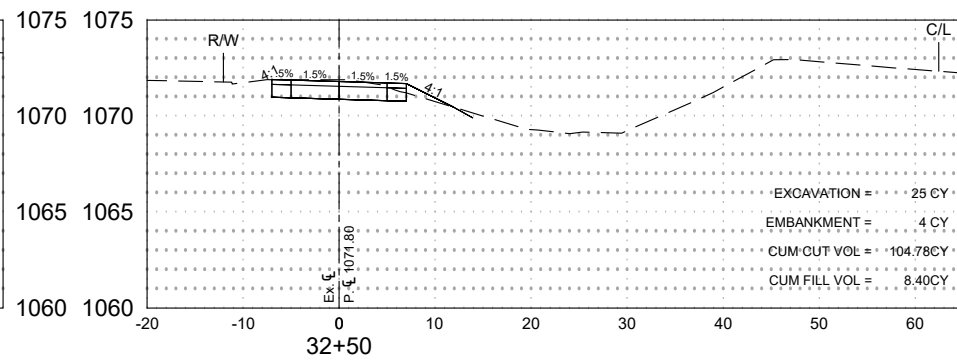
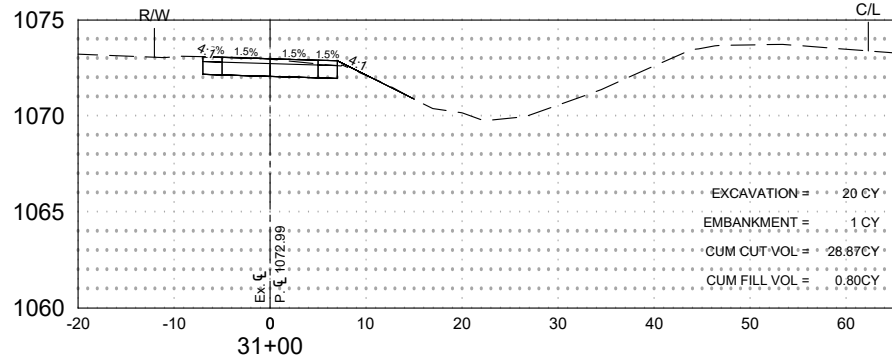
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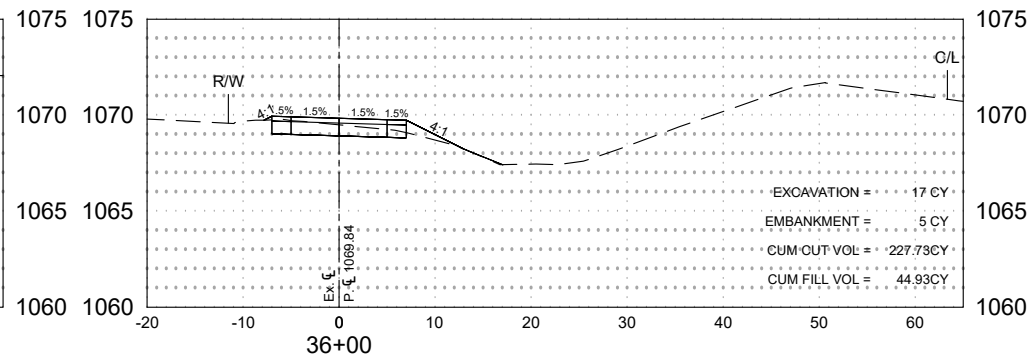
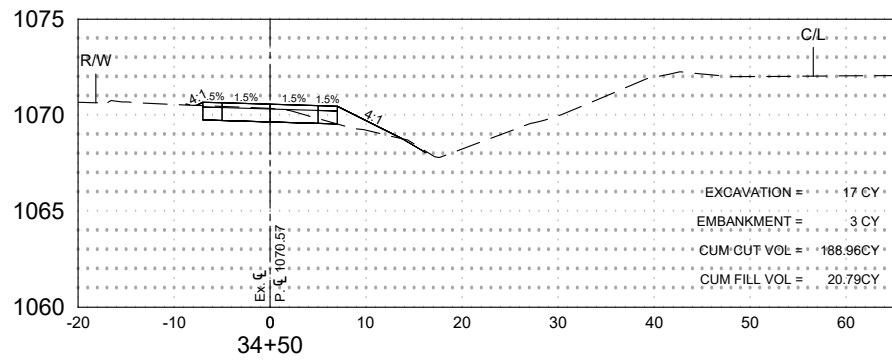
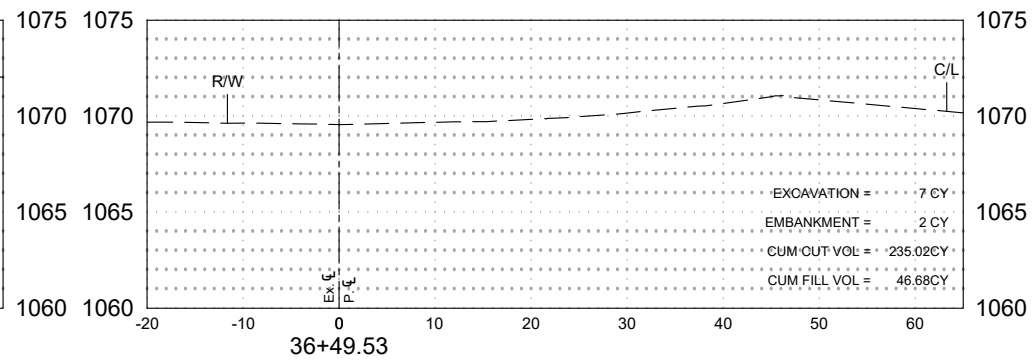
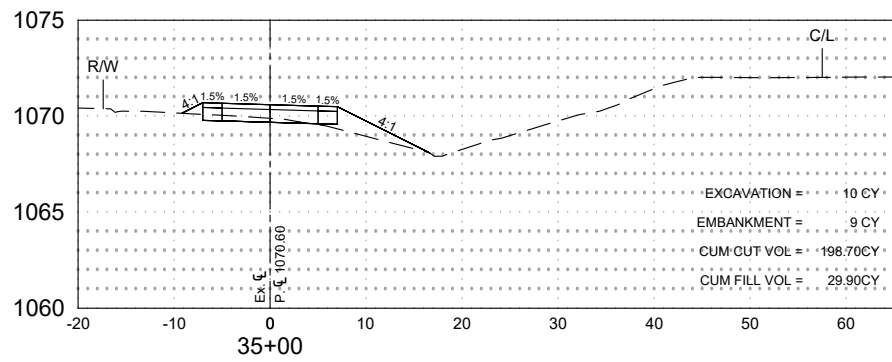
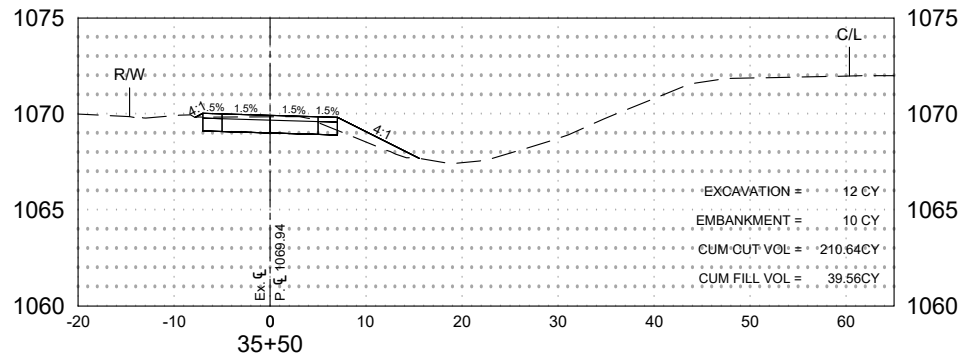
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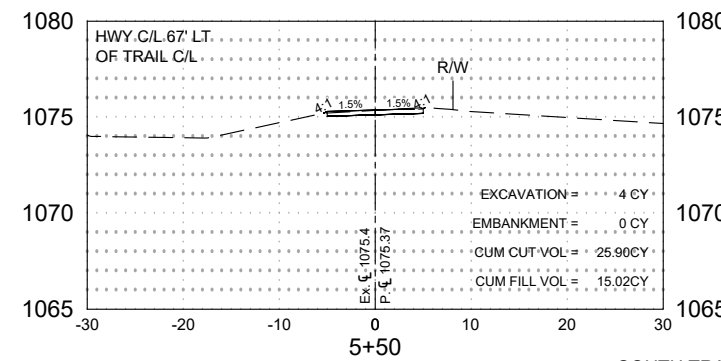
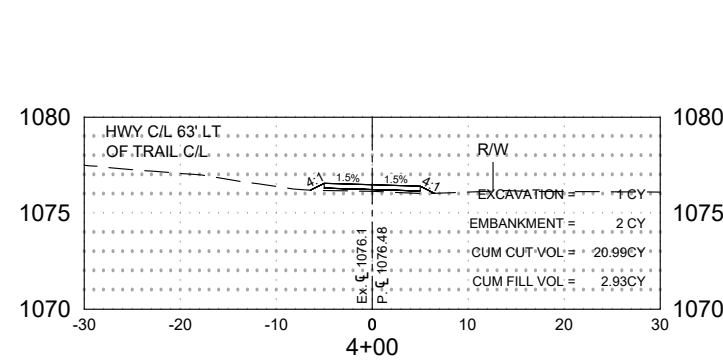
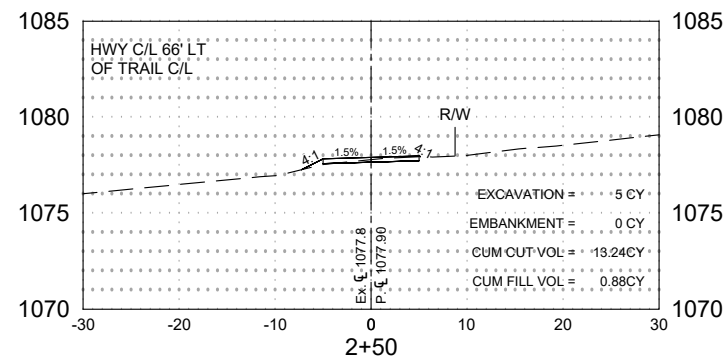
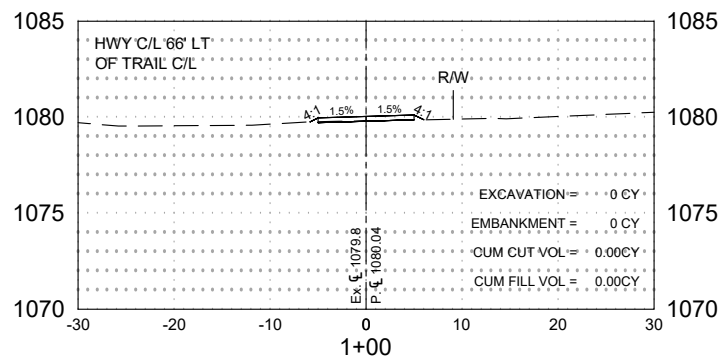
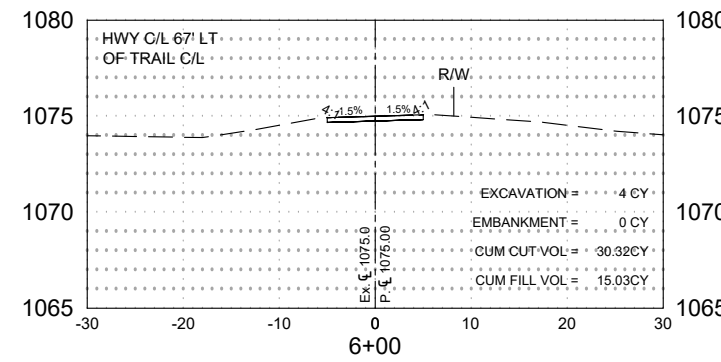
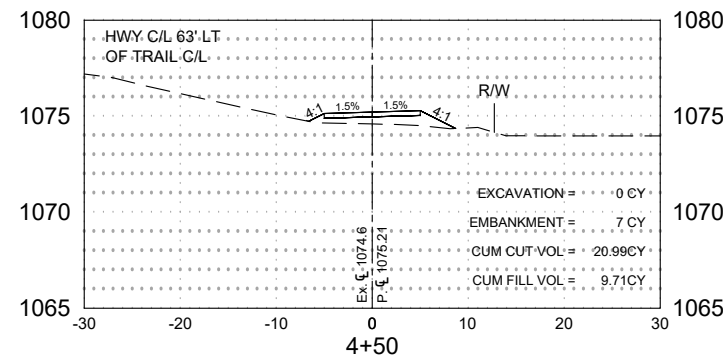
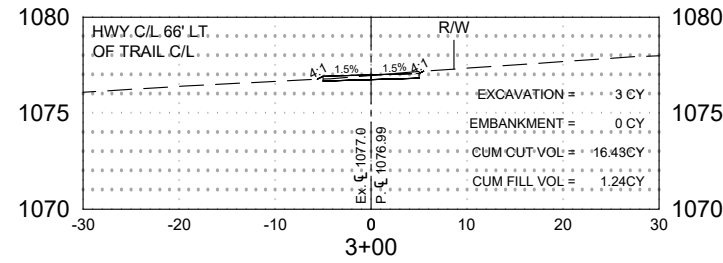
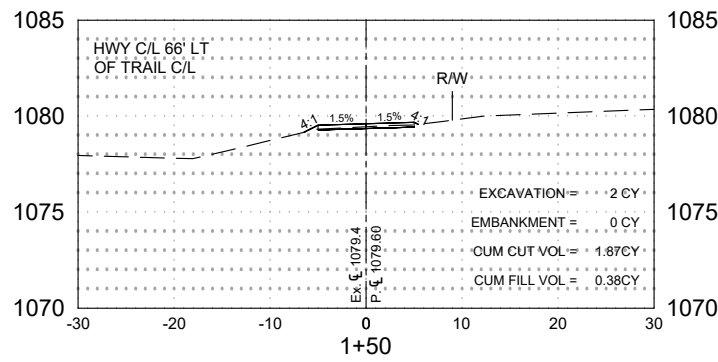
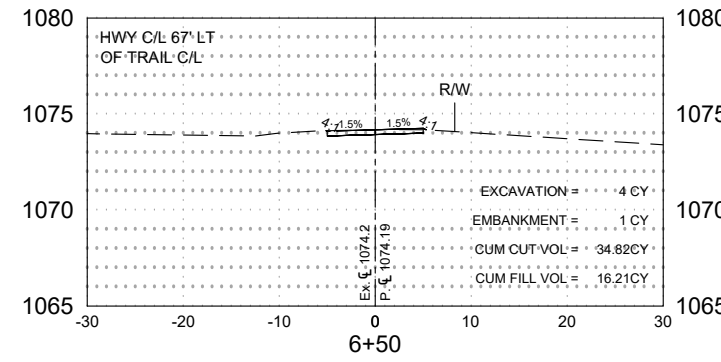
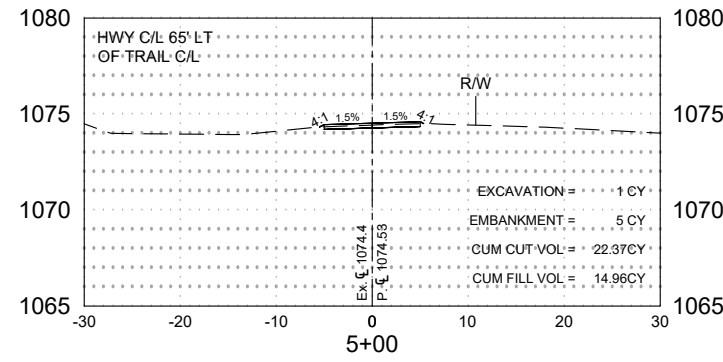
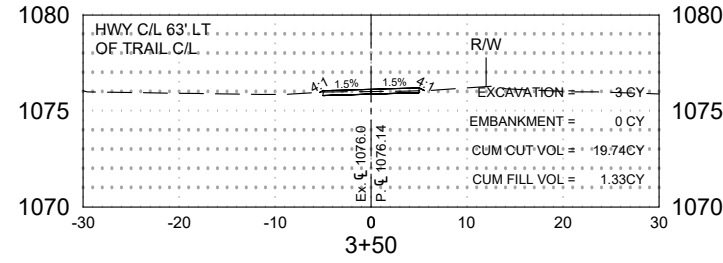
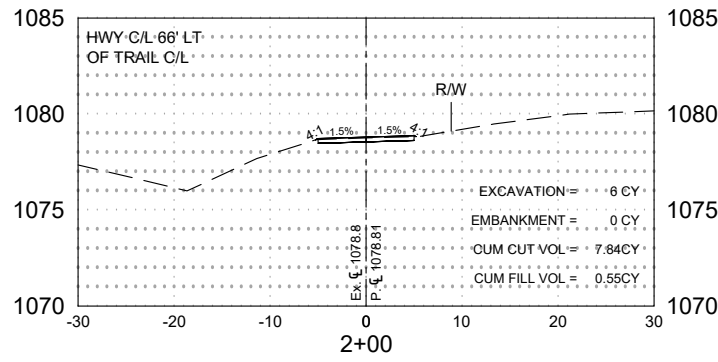
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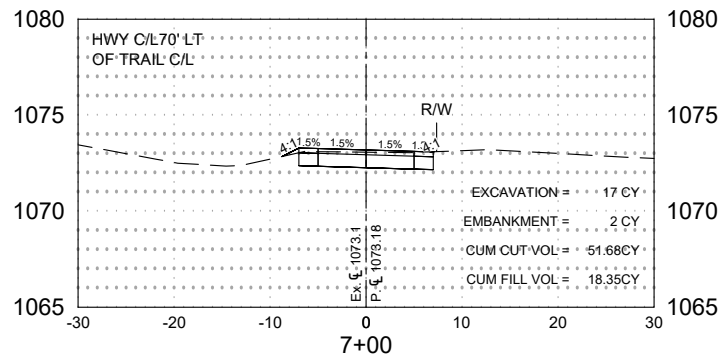
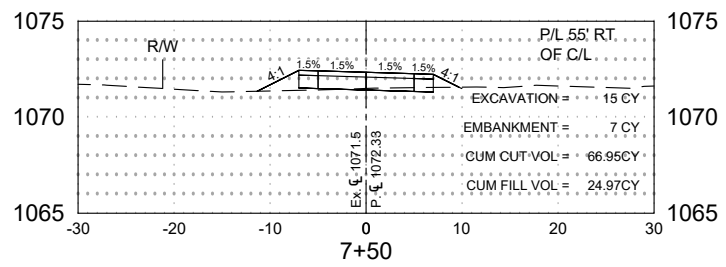


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SOUTH TRAIL
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**Olivia City
Council**

March 18, 2024

Agenda Item:	Step Movement for Aaron Clouse
Request for Action:	Adopt Resolution #2024-38, Approving Step Movement for Aaron Clouse
Employee/Dept.:	Aaron Clouse, Patrol Sergeant

Background:

Aaron Clouse, Patrol Sergeant is eligible for step movement based on a satisfactory review of his performance upon his work anniversary date of March 21, 2024.

It is recommended that Aaron Clouse be moved to Step 6 of Grade 12 of the approved pay scale. Step movements have been approved and accounted for in the 2024 budget.

Budget Impact:

N/A

Funding Source:

General fund

Recommendation:

Staff recommends approving the step movement for Aaron Clouse.

Motion Type:

Simple majority vote of members present.

Attachments:

Resolution #2024-38

**CITY OF OLIVIA
RESOLUTION NO. 2024-38**

Resolution Approving Step Movement

WHEREAS, the City of Olivia (the “City”) has provided for step movements of employees on the approved pay scale; and

WHEREAS, Aaron Clouse has satisfactorily had his performance reviewed for the prior six months and subsequent goals set for the upcoming year; and

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Olivia, Minnesota, hereby approves placement of Aaron Clouse at Step 6 of Grade 12 of the approved pay scale effective March 21, 2024.

Adopted by the City Council of the City of Olivia this 18th day of March 2024

Jon Hawkinson, Mayor

ATTEST: _____
Jasmine Miller, City Clerk

**CITY OF OLIVIA
RESOLUTION NO. 2024-39**

**Hiring of Southwest Minnesota Advanced Rescue Team (S.M.A.R.T.) Members
Chris Guggemos, Brady Revier, Derek Tostenson, Ryan Tostenson, and Derek Wertz**

WHEREAS, The Olivia City Council has authorized, established and funded a specialized technical rescue team under the auspices of the Olivia Fire Department known as the Southwest Minnesota Advanced Rescue Team (SMART); and

WHEREAS, The Council has established Ordinance 2023-04 which establishes the membership requirements for inclusion as part of the SMART; and

WHEREAS, Fire Chief Kevin Morse and SMART Commander Zach Chapman have assisted with the recruitment of firefighters from departments from around the region to make up the SMART roster; and

WHEREAS, The Chief and Commander have received applications from Chris Guggemos, Brady Revier, Derek Tostenson, Ryan Tostenson, and Derek Wertz expressing a desire to join the SMART and have conducted formal interviews of the applicants with a designated interview team which included the City Administrator; and

WHEREAS, The Chief and Commander have both recommended that the Council formally approve the hiring of qualified SMART applicants in good standing with their local fire departments as part of the SMART roster; and

WHEREAS, The Applicants understand that during their times of service with the SMART they are subject to the codes, policies and procedures established by the City of Olivia; and

WHEREAS, The City Council has sole authority to hire, fire, discipline and promote employees, including volunteer firefighters;

NOW, THEREFORE, BE IT RESOLVED, Based upon the recommendation of the Fire Chief, SMART Commander and the City Administrator, the City Council hereby extends an offer of employment to Chris Guggemos, Brady Revier, Derek Tostenson, Ryan Tostenson, and Derek Wertz to serve on the Southwest Minnesota Advanced Rescue Team upon successful completion of a police background check.

Adoption by the City Council of the City of Olivia on this 18th day of March, 2024.

Jon Hawkinson, Mayor

ATTEST: _____
Jasmine Miller, City Clerk



Veteran's Memorial Donations

If you wish to make a tax deduction donation to support the Veteran's Memorial, a granite recognition tribute will be placed within the Memorial with your name or company name. Please use the same payment and mailing information as shown for the Walk of Honor pavers.



Contacts:

Ahren Jurgensen
Phone: (320)905-2324
email: mwjurgy@gmail.com

Mark Jurgensen
Phone: (320)905-2324

Mail:
Ahren Jurgensen
c/o Veteran's Memorial
904 W Evergreen Ave
Olivia, MN 56277

Thank you for your thoughtful consideration to this Eagle Scout project for a Veteran's Memorial, at Kubesh Park, in Olivia. This is our humble way to express our gratitude to the men and women who have bravely served our community and country, in times of war or peace.

Ahren Jurgensen
Veteran's Memorial
904 W Evergreen Ave
Olivia MN 56277



Veteran's Memorial



CPL

Kearny Frank

US Army 24th Div. Korea

1951 - 1953

1 Paver \$250

Engraved Masabi Black "Granite Paver"

16" long by 8" high- Thermal Finish

Purchase a "Walk of Honor" paver in honor of a friend, family member or even yourself. The paver will be installed as part of the Veteran's Memorial Project.

Veteran's Memorial Project "Walk of Honor" Granite Pavers

One simple way that you can support the project is to order a "Walk of Honor" granite paver for a friend, family member or yourself who has served our country in time of war or peace. The proceeds over and above the cost go to the funding of this Veteran's Memorial Project. A custom 16"x8" engraved granite paver will be provided as a lasting memory to honor military loved ones. All Veterans of any military branch living or deceased, who have served honorably from the revolutionary war to present are eligible.



Veteran's Memorial "Walk of Honor" Memorial Paver Information

Complete each row, keep in mind spaces between names and numbers count in the 20 characters per row

Rank

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Veteran's Name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Branch

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Years of Service

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Your First Name: _____ Your Last Name: _____ Daytime Phone: _____

Email Address: _____

Payment/Donation Information

Check Enclosed \$ _____ Make Checks Payable to Troop 313

Name: (First/Last) _____ Phone: _____

Billing Address: _____

City: _____ State: _____ Zip Code: _____

**CITY OF OLIVIA
RESOLUTION NO. 2024-37**

Approval of Donations / Contributions

It is hereby resolved by the City of Olivia, Minnesota that:

WHEREAS, Minnesota State Statute 465.03 requires that governing bodies must formally accept donations and contributions and that every such acceptance shall be by resolution of the governing body adopted by a two-thirds majority of its members, expressing such terms in full; and

WHEREAS, The City seeks to properly accept and record donations and contributions in accordance with all state statutes and state auditor requirements;

THEREFORE: The Olivia City Council formally accepts the following donations / contributions given to the city and agrees to their associated stipulations:

	<u>Donation Value:</u>
Donor: Boy Scouts	\$2,000.00
<i>Donation to The City of Olivia Parks Board</i>	

Adopted by the City Council of the City of Olivia on this 18th day of March, 2024.

Jon Hawkinson, Mayor

ATTEST:

Jasmine Miller, City Clerk

CITY OF OLIVIA
ORDINANCE NO. 2024-02

An Ordinance Updating the Fine and Fee Schedule of the Olivia City Code

WHEREAS, the City has conducted a periodic review and determined that the Fine and Fee Schedule should be updated; and

WHEREAS, the Fine and Fee Schedule may be set from time to time by Ordinance of the Olivia City Council; and

WHEREAS, City staff have reviewed the current Fine and Fee Schedule for the City of Olivia and is hereby recommending that the Fine and Fee Schedule attached hereto as Appendices A – C should be adopted.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Olivia that the fee schedule attached hereto as Appendices A – C is hereby adopted.

Adopted by the City Council of the City of Olivia this 18th day of March 2024

Jon Hawkinson, Mayor

ATTEST: _____
Jasmine Miller, City Clerk

Ordinance 2024-02
Appendix A
2024 FEE SCHEDULE HANDOUT

	<u>Amount</u>
<u>Administrative Fees:</u>	
Assessment Search	\$15.00
Expedited Search with 24-hour turn-around	\$20.00
Bad Check Fees	\$30.00
Copies	
8 1/2 x 11	\$0.25
8 1/2 x 14	\$0.35
11 x 17 & Two Sided	\$0.50
Council Filing Fee	\$2.00
Fax Receiving and Sending per Page	\$2.00
Notary Service Other Than City	\$2.00
Finance Charge on Miscellaneous Billing Statements (Chapter 35.04)	
Terms 30 days subject to monthly (annual rate of 18%), or \$0.50 minimum charge	1.50%
RC Auditor Charge to Certify Each Unpaid Refuse Account or Unpaid Invoice per parcel for inclusion on the Tax Rolls	\$5.00
RC Auditor Charge to Certify Each Delinquent Utility Account per parcel for inclusion on the Tax Rolls	\$5.00
<u>Utilities: Water, Storm, Sewer, Electric, Garbage/Refuse, Public Works</u>	
Water hookup of a new water service (Chapter 50.01-50.05)	
Materials Include: corp stop, curb stop and curb stop box, pipe from main to curb stop, fittings, and tapping saddle	
1 inch (\$1,000 approximate cost as of 12-12-23)	Actual Cost
Note: If not previously stubbed into lot (does not include excavation)	
Mobile Home Meters	
3/4 inch (\$365 includes tax approximate cost as of 12-12-23)	Actual Cost
2nd Water Meter - for outside water purposes (installation not included)	
3/4 inch (\$365 includes tax approximate cost as of 12-12-23)	Actual Cost
Bulk Water	\$9.00/1000gallons
Sales Tax	7.38%
Electric Tampering Fee	\$250.00 minimum, up to actual cost
Manual Meter Reading Fee	\$50 per month
Temporary Electrical Service Fee	\$150.00 minimum, up to actual cost
Water Reconnect and Disconnect Fees	
Due to Non-Payment, 8AM-3PM	\$100.00 per service
Due to Non-Payment, After 3PM or during non-business hours	\$150.00 per service
At Owner Request, After 3PM or during non-business hours	\$100.00 per service
Electric ReConnect and Disconnection Fees	
Due to Non-Payment, 8AM-3PM	\$100.00 per service
Due to Non-Payment, After 3PM or during non-business hours	\$150.00 per service
At Owner Request, After 3PM or during non-business hours	\$150.00 per service

Ordinance 2024-02

Appendix A

Brush Pick Up (Chapter 53.03C)

Special Pick Up per Truck Load	\$165.00
Small Branch Pick Up on Last Friday of the month (May through October)	Free

Utility Rates:

Storm Water Drainage Utility (Chapter 51.02) Fund Fees/Rates & Charges (Effective 1/1/2024)

Class 1	\$16.45
Class 2	\$36.95
Class 3	\$70.85
Class 4	\$104.75
Class 5	\$1.65 per acre

Sewer Service Charges AKA Wastewater Treatment

Base Charge (includes \$4.00 for Reserve Account Fund)	\$21.63 monthly
100 Cubic Feet of Water Usage	\$5.46 per unit

Water Rates (Chapter 54.03)

Base Charge (includes \$4.00 for Reserve Account Fund)	\$22.42 monthly
100 Cubic Feet	\$5.35 per unit

Electrical Energy Rates (Chapter 52.02)

Residential Monthly Base	\$16.75
Energy Rate per kWh	\$0.11
Commercial Monthly Base	\$22.79
Energy Rate per kWh	\$0.12
Small Power Monthly Base	\$48.23
Energy Rate per kWh	\$0.12
Large Power Monthly Base	\$58.83
Church Large Power Monthly Base	\$45.50
Demand Rate per kW	\$12.72
Church Demand Rate per kW	\$9.00
Energy Rate per kWh	\$0.08
Interdepartmental Demand Rate per kW	\$7.42
Interdepartmental Rate per kWh	\$0.08

Garbage and Refuse / Refuse Collection (Chapter 53.01)

Rates Established by Service Provider Under Contract - West Central Sanitation

35-gallon cart, serviced once per month	\$7.50
35-gallon cart, serviced every other week	\$9.90
35-gallon cart, serviced weekly	\$11.90
65-gallon cart, serviced weekly	\$14.60
95-gallon cart, serviced weekly	\$17.20
Colored bags: 16-gallon, serviced weekly	\$1.35 each
Colored bags: 40-gallon, serviced weekly	\$1.69 each
Monthly base rate for bag service	\$4.00
Apartments billed to tenant, using dumpster: Two or More Monthly	\$6.50

Ordinance 2024-02

Appendix A

Apartments billed to tenant, using dumpster: Singles monthly \$10.45
Prices do not include the 9.75% residential tax

DER Interconnection

Interconnection Application Fees

Pre-Application Report Request \$300.00
Simplified Interconnection Application \$100.00
Fast Track Interconnection Application - Certified System \$100.00+\$1.00/kW
Fast Track Interconnection Application - Non-Certified System \$200.00+\$2.00/kW
Study Interconnection Application 1000+\$2/kW down payment + any study costs
exceeding down payment

Standby Charge (for facilities greater than 40kW)

\$10.70 *50% of the peak kW demand during summer months (June, July, August or September usage) in the most recent 12-month period. This fee will be applied instead of the demand charge for any month which the Standby Charge is higher

Grid Access Charge (In addition to base charge for the appropriate class for facilities under 40kW. Listed charges were calculated using 2021 Cost of Service Study Results

First 40kW (DC Nameplate rating) No Charge
Residential \$3.50/mo/kW of DC nameplate rating over 4kW
Commercial \$3.15/mo/kW of DC nameplate rating over 4kW
Small Power \$3.09/mo/kW of DC nameplate rating over 4kW
Large Power \$3.09/mo/kW of DC nameplate rating over 4kW
Supplemental Review Costs / Study Fees Actual Costs with deposit due before studies are conducted
Transmission System Study/Fees Actual Costs
Interconnection Costs Actual Costs
Meter (customer is responsible for all replacements) Actual Costs
System changes incurred in order to support system Actual Costs
Construction of Distribution or Transmission Facilities Actual Costs (Must provide proof of secured finances with Interconnection Agreement as described in section 9.6 of Fast Track Process Overview and 11.5 of Study Process Overview)

Animal Fees and Fines

Cat & Dog License (issued for lifetime of animal) \$25.00
Cat & Dog Impounding:
Pick Up \$25.00 first offense, \$50.00 additional offenses
Daily Room & Board \$20.00
Vicious Animals / Appeals Hearing - Potentially Dangerous Dog \$350.00

Peddler, Solicitor / Canvasser & Transient Merchant

Application Required (Chapter 111.03 C.) Registration (Chapter 111.07)

Ordinance 2024-02

Appendix A

Annual Fee	\$25.00
Plus, daily operaton fee	\$1.00

Recreational & All-Terrain Vehicles

All-Terrain Vehicle & Golf Cart Permits (Chapter 70.021)	\$20.00
Annual Fee to operate / use on City Streets	
Recreational Vehicles (Chapter 70.020)	\$20.00
Not limited to trail bikes, off-highway motorcycles, motorized scooter, go-carts hoovercraft, or any motor vehicles for off-road recreational pruposes	

Right-of-Way (ROW) Management

Permit Fee (Chapter 91.19)	
In ROW and not in street per block or any part	\$25.00
In ROW and in street per block or any part of	\$50.00
Right-of-Way Vacation (Chapter 91.30)	
Street Vacation Request application fee	\$125.00
Plus, related expenses incurred for Attorney & Engineering Services	Actual Cost
Plus, fee to record Resolution	\$50.00
Surface Repair Rates if City Restoration Requires Asphalt/Concrete	Actual Cost
Curb & Gutter - Replacement cost of labor, materials, equipment and any other related cost will be certified against the property	Actual Cost
Pole Attachment Fees	\$4 per pole per month billed quarterly
Application Fee	\$50.00
Water Tower Attachment Fees	\$1200 per year billed quarterly
Application Fee	\$50.00

Ordinance 2024-02
Appendix B
2024 FEE SCHEDULE - LAND USE, BUILDING PERMITS & ZONING

Title XV - Land Usage (Building Code, Plumbing Code, Subdivision and Zoning)

Land Use Permit Fees	\$45.00
Zoning Checks and/or inspections	\$45.00
Zoning Letter Requests for Certification, Classification, etc.	\$45.00

Fixed Fees for Residential Only

Basic and Customary Repairs / Replacements: Roofs, Siding and SAME SIZE Windows and Doors	\$60.00
Moving - Accessory Buildings under 200 sq ft (from one location to another within the City)	\$60.00

Building Permit Fee Schedule (Pursuant to 1997 UBC - Council approved 2011)

Fees are based upon the total valuation or cost of improvement/project. According to the
 **Approved on January 21, 2014; No building permit fee refund providing adequate notice is given to applicants so they are informed of the policy at the time of application.

\$1 to \$1,200	\$60.00	
\$1,201 to \$2,000	\$69.25	
\$2,001 to \$25,000	\$69.25 for the 1 st \$2,000.00 + \$14.00 for each	
\$25,001 to \$50,000	\$391.25 for the 1 st \$25,000.00 + \$10.10 for each additional \$1,000.00 to and including \$50,000.00	
\$50,001 to \$100,000	\$643.75 for the 1 st \$50,000.00 plus \$7.00 for each additional \$1,000.00 to and including \$100,000.00	
\$100,001 to \$500,000	\$993.75 for the 1 st \$100,000.00 + \$5.60 for each additional \$1,000.00	
\$500,001 to \$1,000,000	\$3,233.75 for the first \$500,000.00 plus \$4.75 for each additional \$1,000.00 or fraction thereof to and including \$1,000,000.00	
\$1,000,001 and up	\$5,608.75 for the first \$1,000,000 plus \$3.15 for each additional \$1,000.00 or fraction thereof	

Note: If the valuation is greater than \$1,000,000, the surcharge is \$500.00 plus two-fifths mill (0.0004) to the value between \$1,000,000 and \$2,000,000

Building Official calculates valuations of \$500,000.00 or greater

Building Relocation / Moving Permit for Principle and Accessory Structures over 200 \$250.00 + travel time

Commercial & Residential Projects Requiring a Plan Review 65%
 When a plan review is required, an additional 65% of the basic permit fee

New Residential Dwellings, New & Other Commercial Projects 80% / 20%

Ordinance 2024-02

Appendix B

Inspection & Plan Review Services will be calculated on a split: 80%

Compensation for Additional Work \$65.00 per hour

The Building Official may require additional inspections for additions,

Demolition Application

Require Building Official (asbestos) Inspection & Water/Wastewater Inspection \$250.00

Manufactured Homes / Trailers / Moduler Homes Moving into the City

Minimum two inspections required \$250.00

Work Commencing Before Permit Issuance:

If work for which a permit is required by the code has been commenced without first obtaining a permit, a special investigation shall be made before a permit may be issued for the work. An investigation fee established by the municipality shall be collected and is in addition to the required permit fees, but it may not exceed the permit fee.

Special Investigation Fee

Shall be equal to permit fee

Subdivision Regulations (Chapter 151.008)

Annexation application fee \$125.00

Developer Agreement Documents - recording fee \$50.00

Minor & Major Subdivisions - Preliminary & Final Plat Applications \$125.00 each

Planned Unit Development Application Fee \$125.00

Amendments or Changes of Zoning Ordinance \$125.00

Appeals to the Decision of the Zoning Admin or Zoning code \$125.00

Special Use Application: Conditional Use Permit, Rezone, Variance, Street Vacation \$125.00

Expenses incurred for Attory and Engineer Services Actual Cost

Recording Fee \$50.00

Research fees performed by Zoning Administrator \$35.00 per hour

Publishing 2 weeks of legal notices Actual Cost

Metal Detector - Rental

Security Deposit : Only Citizens of the City of Olivia may sign out he Building \$20.00

Offical's locator/metal detector for up to 72 hours to use to locate property pins. In event, the locator/metal detector is not returend within 72 hours, the security deposit will be forfeited; and should it return damaged, the borrower will be invoiced for the cost of repair or replacement of the unit.

Ordinance 2024-02

Appendix C

Public Works Equipment

All equipment will be operated by or used in the presence of City of Olivia employees. One Hour minimum applies, this schedule includes one man labor charge unless noted otherwise

Aerial Lift	\$175.00
Backhoe	\$175.00
Vac Trailer	\$200.00
Brush Pick Up (per City truck load)	\$165.00
Air Compressor (no man, minimum)	\$45.00
After 1 hour	\$18.00/additional hour
Rental per day	\$110.00
Digger Derrick	\$175.00
Grader / Loader / Sweeper Rental for MnDOT or Renville County	\$180.00
Man / Labor Charged per Hour (each - one man already included unless noted)	\$90.00
Small Tractor (minimum one hour)	\$130.00 per hour
Mower	\$130.00
Roller / Packer	\$130.00
Salt & Sand Mixture (\$40 per ton)	Actual Cost
Skid Loader	\$150.00 per hour
Sweeper	\$220.00 per hour
Thawing Machine / Waterline Defroster	\$100.00
Tractor (John Deere)	\$125.00
Trencher	\$6.00/linear foot+labor
Cooperative Trench Share	\$4.50/linear foot
Truck	\$125.00 per hour
Vibrating Plow	\$3.00 linear foot + labor

Parks and Recreation

Athletic Field Annual Rent	\$1,200.00
----------------------------	------------

Fire and Rescue Calls

Fire Calls - service for 1st hour (minimum)	\$500.00
Plus, per engine used at scene	\$150.00
Plus, foam	\$30.00 per gallon used
Fire Fighter labor	(# of responding members) x (hours of service) x (standard hourly labor rate)
Rescue Squad Call (minimum charge)	\$500.00
Service run when not needed or turned back	No Charge
Fire Alarm (first 2 false alarms free, 3rd call determined by Fire Chief)	\$100.00

Technical Rescue Team Calls (SMART)

Calls for service (initial response of vehicles and equipment)	\$500.00
Rescue Personnel Labor	(# of responding members) x (hours of service) x (standard hourly labor rate)
Charge for NON-Tech Rescue Equipment (hurst tools, airbags, cutting torch, stabilization struts, etc.)	\$125.00 each
Service run when not needed or turned back	No Charge

Ordinance 2024-02

Appendix C

Police Department

Impound Vehicle Storage Fees	\$30.00 per day
Labor Charged Per Hour per Police Officer	\$100.00
Security Alarms/Calls (false alarms)	\$150.00
Parking Violations within City	\$20.00

ORDINANCE NO. 2024-03

**CITY OF OLIVIA
COUNTY OF RENVILLE
STATE OF MINNESOTA**

**AN ORDINANCE AMENDING CHAPTERS 50 AND 52 OF THE OLIVIA CITY CODE
REGARDING UTILITY CHARGES AND FRANCHISE REQUIREMENTS**

The City Council of the City of Olivia does ordain:

SECTION 1. Section 50.01 of Chapter 50 of the City of Olivia Code is amended to delete the stricken-out text and add the additional underscored text to read as follows:

UTILITY BASE CHARGES. Monthly base charges for utilities will be fixed by the City Council, as set forth in a fee schedule and as adjusted from time to time and are subject to the following requirements~~charged as follows~~: (A) Unoccupied rental property shall be subject to the base charge unless the services are disconnected. (B) When services are disconnected at the customer's request, there shall be no monthly base charges applied to the account for the services disconnected.

Section 52.01(A) of Chapter 52 of the City of Olivia Code is amended to delete the stricken-out text and add the additional underscored text to read as follows:

(A) *Franchise required.* Except as otherwise provided by law, no persons, firm, entity, or corporation, other than the city utility department, shall transmit, furnish, deliver, or receive, or cause to be transmitted, furnished, delivered, or received electric energy for light, power, heat, and other purposes for public and/or private use within and through the limits of the city, or place or maintain any permanent or semipermanent fixtures in, over, upon, or under any street or public place for the purpose of operating a public utility or transmitting, furnishing, delivering, or receiving, or causing to be transmitted, furnished, delivered, or received electric energy or for any other purpose, except pursuant to a franchise from the city. A franchise shall be granted only by ordinance. Every ordinance granting a franchise shall contain all the terms and conditions of the franchise. The grantee shall bear the costs of publication of the franchise ordinance and shall make a sufficient deposit with the City Clerk to guarantee publication before the ordinance is passed.

SECTION 2. EFFECTIVE DATE. This ordinance shall take effect following its passage and publication in accordance with state law.

Passed this ____ day of _____, 2024.

Jon Hawkinson, Mayor

ATTEST _____

Jasmine Miller, City Clerk

Date

Purchaser

Dodge of Burnsville
12101 Hwy 35W South
Todd Prissel
tprissel@dodgeofburnsveille.com
952-767-2702

State Contract # 184131 Release # A-174(5)

Allow TBD weeks for delivery from order date

Order Cutoff TBD

2024 Durango Pursuit AWD V6 WDEE75 2BZ Package

Note: Please select options

Options

Base Vehicle Contract Price

\$ 38,579.00

Functional Packages:		Copy and Paste Price to add options	
Technology Group	ADG	\$ 2,511.00	
Skid Plate Group	ADL	\$ 316.00	\$ 316.00
18X8.0 Painted Aluminum Wheels	WP1	\$ 369.00	
Additional Features			
Floor Carpet	CKD	\$ 136.00	
Full Length Floor Console	CUF	\$ 316.00	
Police Floor Console	CUG	\$ 891.00	
Deactivate Rear Doors/Windows	CW6	\$ 81.00	
Entire Fleet Alike Key (FREQ 2)	GXA	\$ 316.00	
Entire Fleet Alike Key (FREQ 3)	GXE	\$ 316.00	
Entire Fleet Alike Key (FREQ 1)	GXF	\$ 316.00	
Entire Fleet Alike Key (FREQ 4)	GXG	\$ 316.00	
Power Liftgate	JRC	\$ 415.00	\$ 415.00
Black Right LED Spot Lamp	LNA	\$ 549.00	
Black Left LED Spot Lamp	LNF	\$ 575.00	\$ 575.00
Security Alarm	LSA	\$ 162.00	
Delete Liftgate Badge	MT8	\$ -	
Uconnect 5 Nav w 10.1" Display (USA)	UBN	\$ 986.00	
Passenger Side Ballistic Door Panel	XDG	\$ 2,439.00	
Driver Side Ballistic Door Panel	XDV	\$ 2,547.00	
Seat Options			
Cloth Bucket Seats W/Rear Vinyl/Black	A7X9	\$ 136.00	\$ 136.00
Cloth Bucket Seats w/ Shift Insert/Black	C5X9	\$ -	
Color Options			
Baltic Grey Metallic Clear Coat	PAS	\$ 356.00	
Blu By You Clear Coat	PBU	\$ 540.00	
DB Black Clear Coat	PXJ	\$ -	\$ -
Destroyer Grey Clear Coat	PDN	\$ 356.00	
Ember Pearl Coat	PHC	\$ 356.00	
Frostbite Pear Coat	PCA	\$ 356.00	
Michigan State Police Blue	P79	\$ 540.00	
Midnight Sky	PCQ	\$ 356.00	

Date

Purchaser

Dodge of Burnsville
12101 Hwy 35W South
Todd Prissel
geofburnsveille.com
952-767-2702

Octane Red Pearl Coat	PRV	\$ 356.00	
Silver Metallic Clear Coat	PSE	\$ 356.00	
White Knuckle Clear Coat	PW7	\$ -	
Dealer Installed Options			
Engine Block Heater	DBH	\$ 325.00	
Extra OEM Key	EOK	\$ 240.00	\$ 240.00
3 Lock Remote Start	DRS	\$ 660.00	\$ 660.00
Total Delivered Price with options Per Contract			\$ 40,921.00

Dodge Of Burnsville
12101 Hwy 35W South
Burnsville MN 55337
Todd Prissel
tprissel2dodgeofburnsville.co
952-767-2702

OLIVIA CHRYSLER CENTER INC
2135 W LINCOLN AVE
OLIVIA, MN 562771702

Configuration Preview

Date Printed: 2024-03-13 6:16 PM VIN: Quantity: 1
Estimated Ship Date: VON: Status: BA - Pending order
FAN 1: 00DDK Dealer / Police Inventory
FAN 2:
Client Code:
Bid Number: TB4072
PO Number:

Sold to: Ship to:
OLIVIA CHRYSLER CENTER INC (44477) OLIVIA CHRYSLER CENTER INC (44477)
2135 W LINCOLN AVE 2135 W LINCOLN AVE
OLIVIA, MN 562771702 OLIVIA, MN 562771702

Vehicle: 2024 DURANGO PURSUIT VEHICLE AWD (WDEE75)

	Sales Code	Description	MSRP(USD)
Model:	WDEE75	DURANGO PURSUIT VEHICLE AWD	43,075
Package:	2BZ	Customer Preferred Package 2BZ	0
	ERC	3.6L V6 24V VVT Engine Upg I w/ESS	0
	DFT	8-Spd Auto 850RE Trans (Make)	0
Paint/Seat/Trim:	PXJ	DB Black Clear Coat	0
	APA	Monotone Paint	0
	*A7	Cloth Bucket Seats W/Rear Vinyl	150
	-X9	Black	0
Options:	MAF	Fleet Purchase Incentive	0
	YEP	Manuf Statement of Origin	0
	MT8	Delete Liftgate Badge	0
	LNF	Black Left LED Spot Lamp	640
	JRC	Power Liftgate	460
	ADL	Skid Plate Group	350
	4DH	Prepaid Holdback	0
	4ES	Delivery Allowance Credit	0
	5N6	Easy Order	0
	4FM	Fleet Option Editor	0
	4FT	Fleet Sales Order	0
	174	Zone 74-Denver	0
	4EA	Sold Vehicle	0
Non Equipment:	4FA	Special Bid-Ineligible For Incentive	0
Bid Number:	TB4072	Government Incentives	0
Discounts:	YG1	7.5 Additional Gallons of Gas	0
Destination Fees:			1,595
Total Price:			46,270 .

Order Type: Fleet PSP Month/Week:
Scheduling Priority: 1-Sold Order Build Priority: ⁹⁹OPD Pricing from Olivia Chrysler Center
Salesperson:
Customer Name:
Customer Address: **\$40,821 + applicable fees**
USA Dealer Installed remote start
Instructions: DMV registration = "Title Only" Emergency vehicle

Note: This is not an invoice. The prices and equipment shown on this priced order confirmation are tentative and subject to change or correction without prior notice. No claims against the content listed or prices quoted will be accepted. Refer to the vehicle invoice for final vehicle content and pricing. Orders are accepted only when the vehicle is shipped by the factory.