



December 12, 2023

Mr. Dan Buchholtz, Administrator
City of Spring Lake Park
1301 Eighty-First Avenue NE
Spring Lake Park, MN 55432-2188

Reference: 2024 Street Project (Sanburnol-Elm, 83rd Avenue, and Univ. Serv Dr.)
Approve Plans and Specification and Authorize Advertisement for Bids

Dear Dan:

The streets in the 2024 Street Project are Sanburnol Drive (AKA 85th Ave.NE), Elm Drive NE, and 83rd Avenue NE (between University Service Drive and Terrace Road). The project also includes a short segment of University Service Drive that is entirely in Blaine. A Public Improvement Hearing for the possible project was held on October 2, 2023.

Since then, construction plans and specifications have been prepared in accordance with MnDOT Municipal State Aid System (MSAS) standards. The current total project cost estimate is \$1,495,000 which is significantly higher than the feasibility report estimate. The additional estimated costs are primarily due to MSAS standards and added sidewalk.

At this time, **we request that the City Council Approve Final Plans and Specifications and Authorize Advertisement for Bids for the 2024 Street Improvement project.** Advertisement for bids is contingent upon MnDOT final approval of the plans.

Project cost summary and possible revenue sources are:

| | <u>Feasibility Report</u> | <u>December Estimate</u> |
|--------------------------------|---------------------------|--------------------------|
| Sanburnol/85th Construct. | \$ 750,000 | \$ 1,030,520 |
| 83rd Ave. Construction | \$ 129,800 | \$ 172,265 |
| Univ. Serv Drive Const. | \$ - | \$ 42,460 |
| subtotal construction | \$ 879,800 | \$ 1,245,245 |
| plus soft costs (20%) | \$ 236,000 | \$ 249,755 |
| Total Estimated Project | \$ 1,115,800 | \$ 1,495,000 |

| Possible Revenue Summary: | <u>Feasibility Report</u> | <u>December Estimate</u> |
|-------------------------------------|---------------------------|--------------------------|
| City of Blaine | \$ 393,775 | \$ 620,510 |
| SLP Assessments | \$ 218,909 | \$ 218,909 |
| SLP State Aid | \$ 445,800 | \$ 540,500 |
| SLP other: | \$ 57,316 | \$ 115,081 |
| Estimated Total Project Cost | \$ 1,115,800 | \$ 1,495,000 |



A construction cost estimate and selected plan sheets from the entire plan set are attached to this letter for your reference. The next steps in the project will be to submit the plans and specification to MnDOT for final approval. After MnDOT has signed off on the plans, the project can be put out for construction bids.

A current possible schedule to complete major project tasks is:

| | |
|--|----------------------------------|
| Authorize Feasibility Report | June 5 and July 17 ✓ |
| Accept Report and Call for Improvement Hearing | August 21, 2023 ✓ |
| Authorize Preparation of Plans and Specifications | August 21, 2023 ✓ |
| Public Improvement Hearing | October 2, 2023 ✓ |
| City Council Approve Plans and Specifications | December 18, 2023 ✓ |
| MnDOT State Aid Approval | December 2023 |
| Open Bids | January 2024 |
| Declare Costs and Order Final Assessment Roll | February 5, 2024 (or Fall 2024) |
| Receive Assessment Roll & Order Assessment Hearing | February 20, 2024 (or Fall 2024) |
| Public Assessment Hearing | March 18, 2024 (or Fall 2024) |
| Award Contract (Award Bids) | March 18, 2024 |
| Begin Construction | May 2024 |

Please feel free to contact Jeff Preston or me if you have any questions or require any additional information.

Sincerely,
Stantec

A handwritten signature in black ink that reads "Phil Gravel".

Phil Gravel

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.

DESIGN DESIGNATION: UNIVERSITY AVE SERVICE RD
 LOCATION: N OF 85TH AVE/SANBURNOL DR IN CITY OF BLAINE
 DESIGNATION: URBAN
 FUNCTIONAL CLASS: MAJOR COLLECTOR
 NO. OF TRAFFIC LANES: 2
 NO. OF PARKING LANES: 0
 DRIVING LANE WIDTH: 13.5 FT
 SHOULDER WIDTH: N/A
 R-VALUE: N/A
 20 YEAR ESALS: N/A
 ADT (PRESENT YEAR) 2023: 4,970
 ADT (FUTURE YEAR) 2043: 5,490
 HCADT (FUTURE YEAR) 2043: N/A
 DESIGN SPEED: 30 MPH
 DESIGN LOAD: 9 TON
 DESIGN SPEED BASED ON: N/A
 STOPPING SIGHT DISTANCE:
 HEIGHT OF EYE = 3.5 FT
 HEIGHT OF OBJECT = 2.0 FT
 DESIGN SPEED NOT ACHIEVED AT: N/A

DESIGN DESIGNATION: 85TH AVE/SANBURNOL DR
 LOCATION: UNIVERSITY AVE SERVICE RD TO ELM DR
 DESIGNATION: URBAN
 FUNCTIONAL CLASS: MAJOR COLLECTOR
 NO. OF TRAFFIC LANES: 2
 NO. OF PARKING LANES: 0
 DRIVING LANE WIDTH: 14.5 FT
 SHOULDER WIDTH: N/A
 R-VALUE: N/A
 20 YEAR ESALS: N/A
 ADT (PRESENT YEAR) 2023: 2,690
 ADT (FUTURE YEAR) 2043: 2,970
 HCADT (FUTURE YEAR) 2043: N/A
 DESIGN SPEED: 30 MPH
 DESIGN LOAD: 9 TON
 DESIGN SPEED BASED ON: N/A
 STOPPING SIGHT DISTANCE:
 HEIGHT OF EYE = 3.5 FT
 HEIGHT OF OBJECT = 2.0 FT
 DESIGN SPEED NOT ACHIEVED AT: N/A

DESIGN DESIGNATION: ELM DR
 LOCATION: SANBURNOL DR TO ABLE ST
 DESIGNATION: URBAN
 FUNCTIONAL CLASS: MAJOR COLLECTOR
 NO. OF TRAFFIC LANES: 2
 NO. OF PARKING LANES: 0
 DRIVING LANE WIDTH: 14.5 FT
 SHOULDER WIDTH: N/A
 R-VALUE: N/A
 20 YEAR ESALS: N/A
 ADT (PRESENT YEAR) 2023: 1,420
 ADT (FUTURE YEAR) 2043: 1,570
 HCADT (FUTURE YEAR) 2043: N/A
 DESIGN SPEED: 30 MPH
 DESIGN LOAD: 9 TON
 DESIGN SPEED BASED ON: N/A
 STOPPING SIGHT DISTANCE:
 HEIGHT OF EYE = 3.5 FT
 HEIGHT OF OBJECT = 2.0 FT
 DESIGN SPEED NOT ACHIEVED AT: N/A

DESIGN DESIGNATION FOR: 83RD AVE
 LOCATION: UNIVERSITY AVE SERVICE RD TO TERRACE RD
 DESIGNATION: URBAN
 FUNCTIONAL CLASS: LOCAL
 NO. OF TRAFFIC LANES: 2
 NO. OF PARKING LANES: 1
 DRIVING LANE WIDTH: 11 FT/14.5 FT
 SHOULDER WIDTH: 7 FT
 R-VALUE: N/A
 20 YEAR ESALS: N/A
 ADT (PRESENT YEAR) 2023: 1,020
 ADT (FUTURE YEAR) 2043: 1,120
 HCADT (FUTURE YEAR) 2043: N/A
 DESIGN SPEED: 30 MPH
 DESIGN LOAD: 9 TON
 DESIGN SPEED BASED ON: N/A
 STOPPING SIGHT DISTANCE:
 HEIGHT OF EYE = 3.5 FT
 HEIGHT OF OBJECT = 2.0 FT
 DESIGN SPEED NOT ACHIEVED AT: N/A

BEGIN
 SAP 106-129-002
 UNIVERSITY AVE SERVICE RD
 30+35
BEGIN CONSTRUCTION
 UNIVERSITY AVE SERVICE RD
 STA. 30+06

| COMMENTS | DATE |
|----------|------|
| | |
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| | |

CITY OF SPRING LAKE PARK CITY OF BLAINE ANOKA COUNTY, MINNESOTA

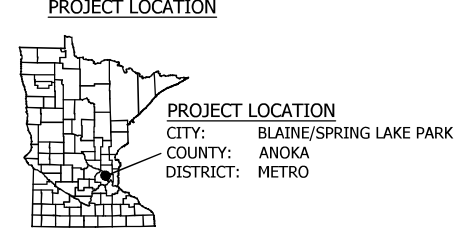
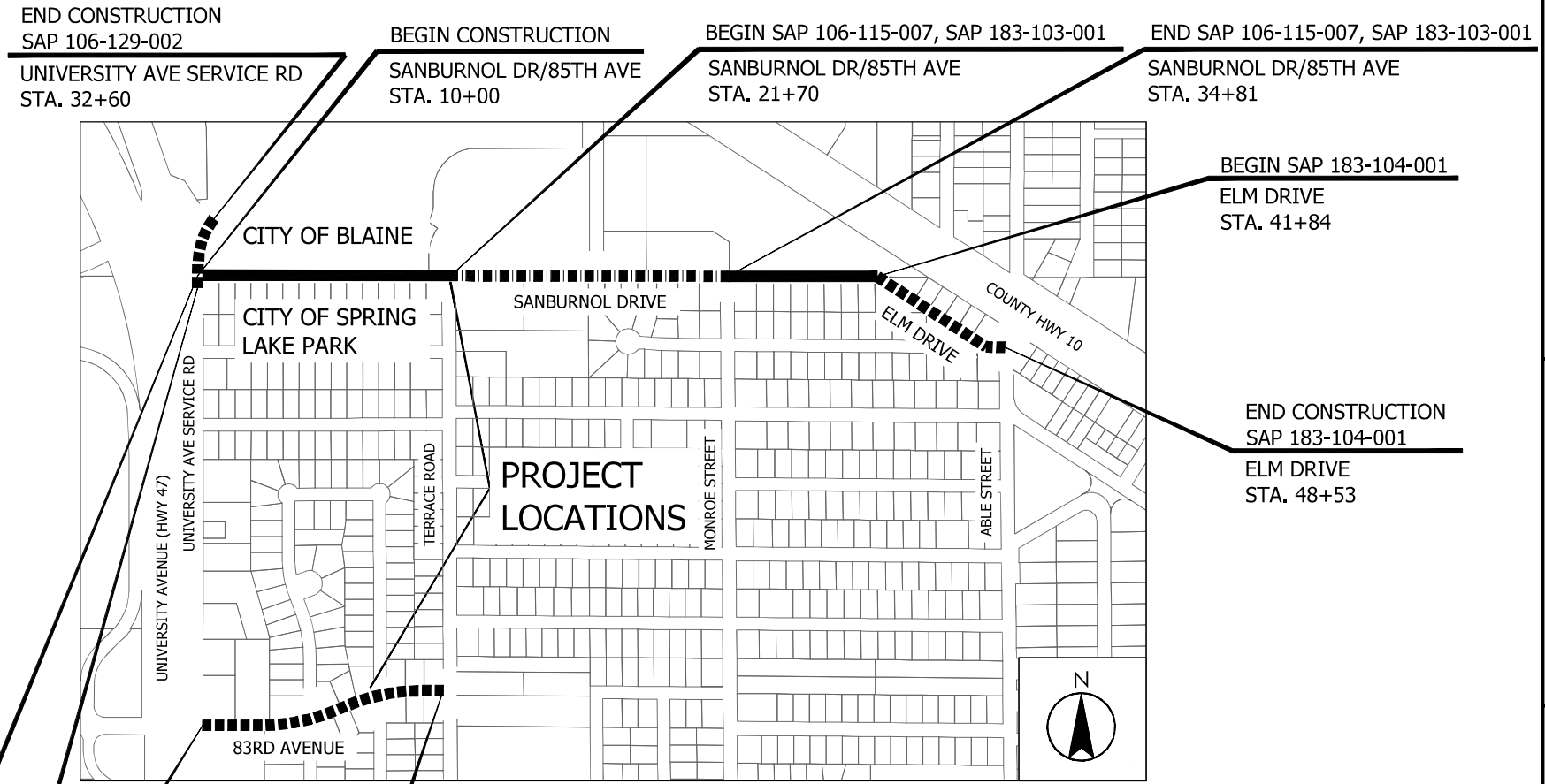
SLP 2024 85TH AVENUE/SANBURNOL DRIVE, ELM DRIVE, AND 83RD AVENUE IMPROVEMENTS

CONSTRUCTION PLAN FOR: FULL DEPTH RECLAMATION, MILL AND OVERLAY, STORM SEWER, CONCRETE CURB AND GUTTER, AND ADA IMPROVEMENTS.

LOCATED ON UNIVERSITY AVE SERVICE RD NORTH OF 85TH AVE/SANBURNOL DR
 LOCATED ON 85TH AVE/SANBURNOL DR FROM TERRACE RD TO MONROE ST IN CITY OF BLAINE
 LOCATED ON 85TH AVE/SANBURNOL DR FROM TERRACE RD TO MONROE ST IN CITY OF SPRING LAKE PARK
 LOCATED ON ELM DR FROM 85TH AVE/SANBURNOL DR TO ABLE ST IN CITY OF SPRING LAKE PARK
 LOCATED ON 83RD AVE FROM UNIVERSITY AVE SERVICE RD TO TERRACE RD IN CITY OF SPRING LAKE PARK

| UNIVERSITY AVE SERVICE ROAD | | 85TH AVENUE/SANBURNOL DRIVE/ELM DRIVE | | 83RD AVENUE | |
|-----------------------------|-------------------------|---------------------------------------|--------------------------|------------------|--------------------------|
| GROSS LENGTH | 254.06 FEET 0.048 MILES | GROSS LENGTH | 3852.64 FEET 0.730 MILES | GROSS LENGTH | 1135.46 FEET 0.215 MILES |
| BRIDGE LENGTH | 0.00 FEET 0.000 MILES | BRIDGE LENGTH | 0.00 FEET 0.000 MILES | BRIDGE LENGTH | 0.00 FEET 0.000 MILES |
| EXCEPTION LENGTH | 0.00 FEET 0.000 MILES | EXCEPTION LENGTH | 0.00 FEET 0.000 MILES | EXCEPTION LENGTH | 0.00 FEET 0.000 MILES |
| NET LENGTH | 254.06 FEET 0.048 MILES | NET LENGTH | 3852.64 FEET 0.730 MILES | NET LENGTH | 1135.46 FEET 0.215 MILES |

LENGTH AND DESCRIPTION BASED ON: FRONTAGE RD ALIGNMENT LENGTH AND DESCRIPTION BASED ON: SANBURNOL DR ALIGNMENT LENGTH AND DESCRIPTION BASED ON: 83RD AVE ALIGNMENT



HORIZONTAL DATA
 ANOKA COUNTY COORDINATE SYSTEM
 DATUM: NAD83, 2020 ADJUSTMENT
 UNITS: US SURVEY FOOT

VERTICAL DATA
 DATUM: NGVD88

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL C. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

--- GOVERNING SPECIFICATIONS ---
 THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATION FOR CONSTRUCTION" SHALL GOVERN.
 ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM AND BE INSTALLED IN ACCORDANCE WITH THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD) AND PART VI, "FIELD MANUAL" FOR TEMPORARY TRAFFIC CONTROL DEVICES.

INDEX

| SHEET NO. | SHEET DESCRIPTION |
|-----------|--|
| 1 | TITLE SHEET |
| 2 | LEGEND |
| 3 | GENERAL LAYOUT |
| 4 | STATEMENT OF ESTIMATED QUANTITIES |
| 5 | STANDARD PLATES AND INDEX OF TABULATIONS |
| 6 | PRIVATE UTILITIES |
| 7 | SOILS AND CONSTRUCTION NOTES |
| 8 - 12 | TABULATIONS |
| 13 - 14 | TYPICAL SECTIONS |
| 15 - 16 | CONSTRUCTION DETAILS |
| 17 - 26 | STANDARD PLANS |
| 27 | STAGING PLAN |
| 28 - 29 | TRAFFIC CONTROL PLAN |
| 30 - 38 | INPLACE TOPOGRAPHY, UTILITIES AND REMOVAL PLAN |
| 39 - 42 | DRAINAGE PLAN & PROFILE |
| 43 - 51 | CONSTRUCTION PLAN AND PROFILE |
| 52 - 56 | SURFACING PLAN |
| 57 - 61 | TURF AND EROSION CONTROL PLAN |
| 62 - 68 | SIGNING AND PAVEMENT MARKING PLAN |
| 69 - 70 | FUNDING SPLIT FIGURE |

THIS PLAN CONTAINS 70 SHEETS



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.

PRINTED NAME: JEFFREY D. PRESTON LIC. NO. 41964
 SIGNATURE: _____ DATE: _____

APPROVED: SPRING LAKE PARK CITY ENGINEER _____ DATE: _____

APPROVED: BLAINE CITY ENGINEER _____ DATE: _____

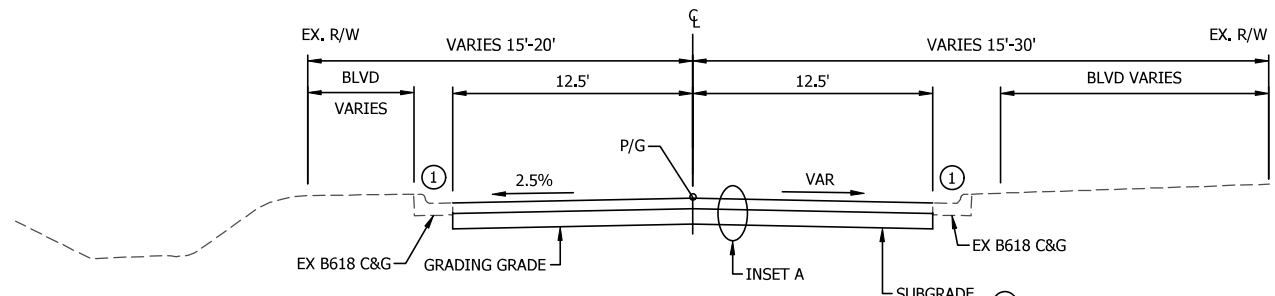
DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY _____ DATE: _____

APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER _____ DATE: _____

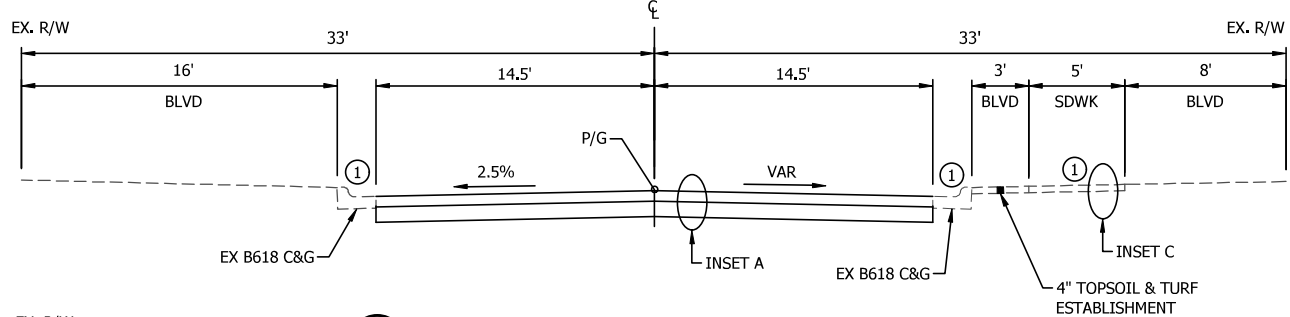
SAP 106-115-007, SAP 106-129-002, SAP 183-103-001, SAP 183-104-001, & SAP 183-107-002 SHEET 1 OF 70

Plot Date: 12/12/2023 - 11:28am
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 Sheet: 183-104-001 - CIVIL - AUTOCAD

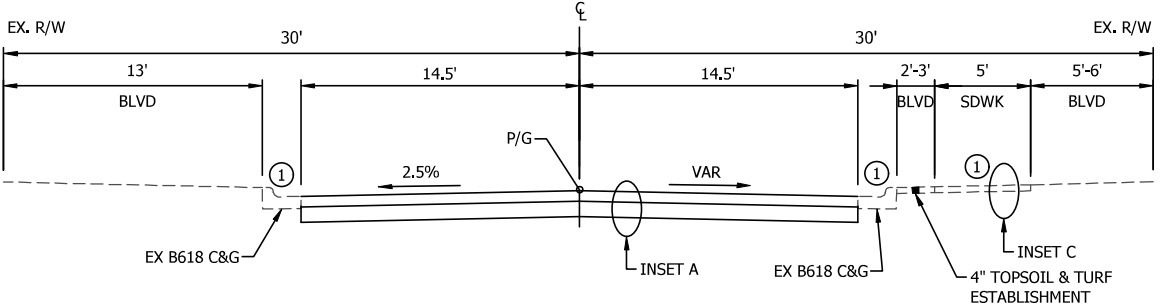
THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



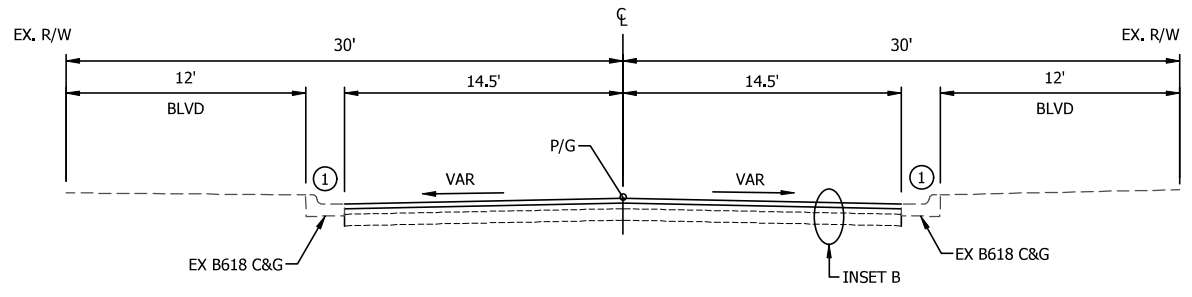
6 PROPOSED TYPICAL SECTION
UNIVERSITY AVE SERVICE RD - STA. 30+08 TO STA. 32+60



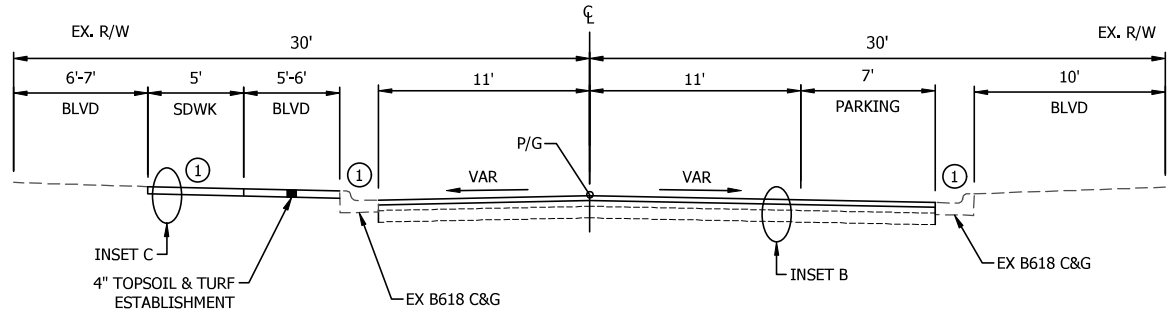
7 PROPOSED TYPICAL SECTION
SANBURNOL DR - STA. 10+00 TO STA. 41+84



8 PROPOSED TYPICAL SECTION
ELM DR - STA. 41+84 TO STA. 48+53

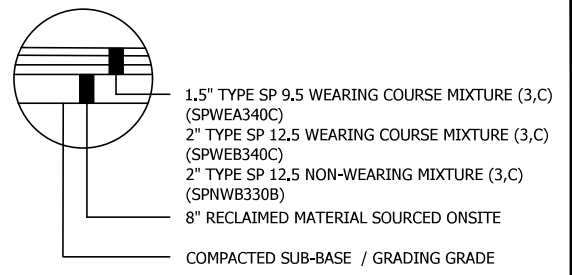


9 PROPOSED TYPICAL SECTION
83RD AVE - STA. 10+00 TO STA. 13+59

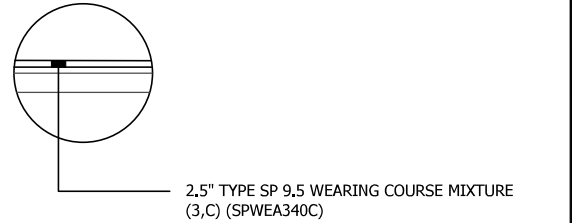


10 PROPOSED TYPICAL SECTION
83RD AVE - STA. 13+59 TO STA. 21+71

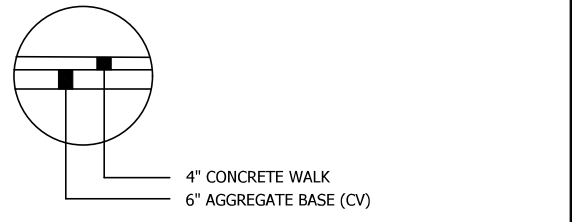
INSET A



INSET B



INSET C



GENERAL NOTES:
 TYPICAL SECTIONS ARE NOT TO SCALE
 EXISTING PAVEMENT DEPTHS ARE APPROXIMATE. SEE SOILS AND CONSTRUCTION NOTES FOR FURTHER DETAIL.
 SEE SURFACING PLAN, SHEETS 52-56 FOR ADDITIONAL SURFACING DETAILS.

CONSTRUCTION NOTES:
 1. PERFORM 8\"/>

SPECIFIC NOTES:
 ① SPOT REPLACEMENT AS DIRECTED BY THE ENGINEER.
 ② SUBGRADE EXCAVATION SHALL BE PERFORMED IF IT IS DETERMINED THAT UNSUITABLE MATERIAL IS ENCOUNTERED. SELECT GRANULAR BORROW SHALL BE PLACED TO BRING SECTION UP TO GRADING GRADE. ALL SUBGRADE WORK SHALL BE AS DIRECTED BY THE ENGINEER.

Plot Date: 12/12/2023 - 11:27 am
 Project: 193806347_001
 User: 193806347_001

| NO | DATE | APPR | REVISION |
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| SURVEY | PBW |
| DRAWN | MUF |
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| CHECKED | JDP |
| APPROVED | PG |
| PROJ. NO. | 193806347 |

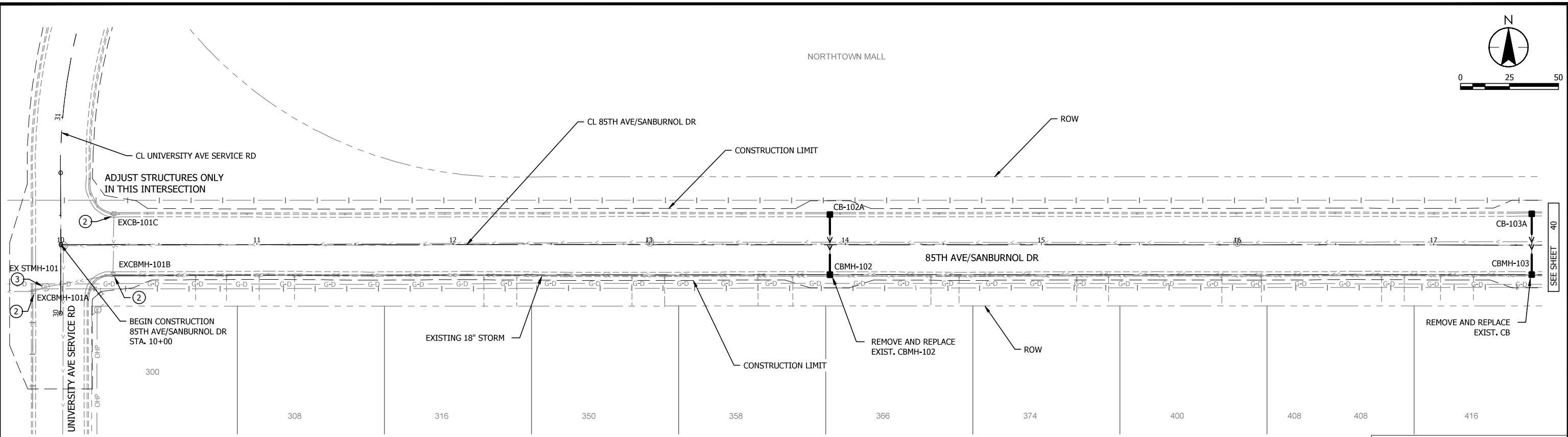
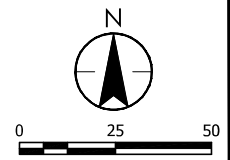
80% PLAN

TYPICAL SECTIONS
PROPOSED

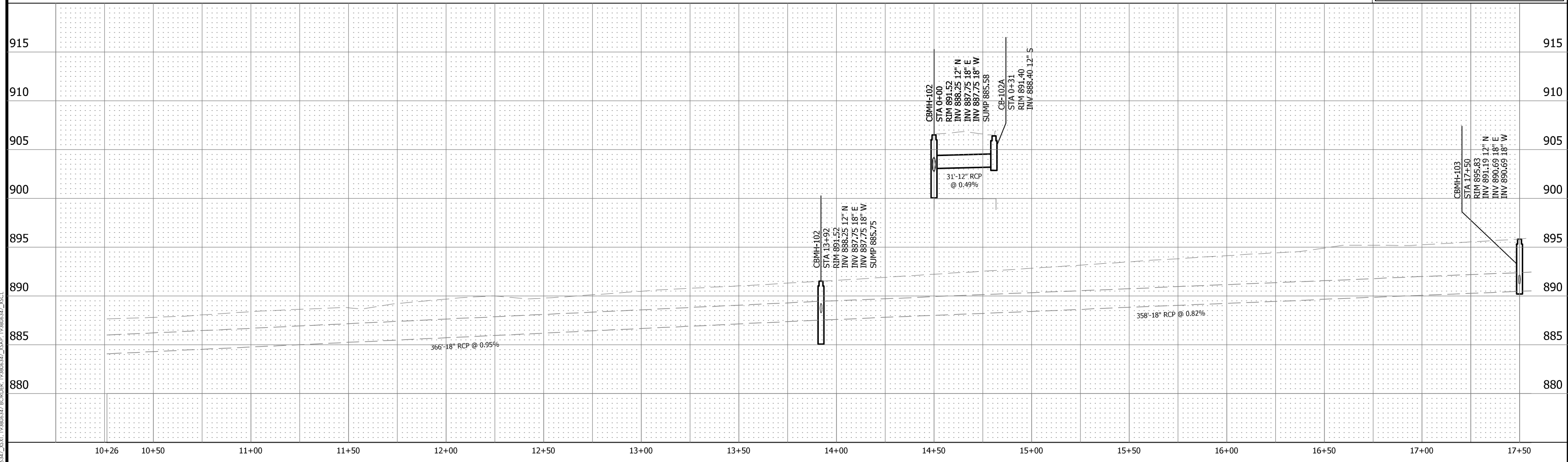
SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

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| SHEET | 14 |
| OF | 70 |

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



- ① CATCHBASIN OR MANHOLE NEEDS NO WORK
- ② REPLACE FRAME, RINGS, AND CASTING
- ③ ADJUST EXISTING FRAME AND CASTING



| NO | DATE | APPR | REVISION |
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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

80% PLAN

PRINT NAME: _____
 SIGNATURE: _____
 DATE: _____ LIC. NO. _____

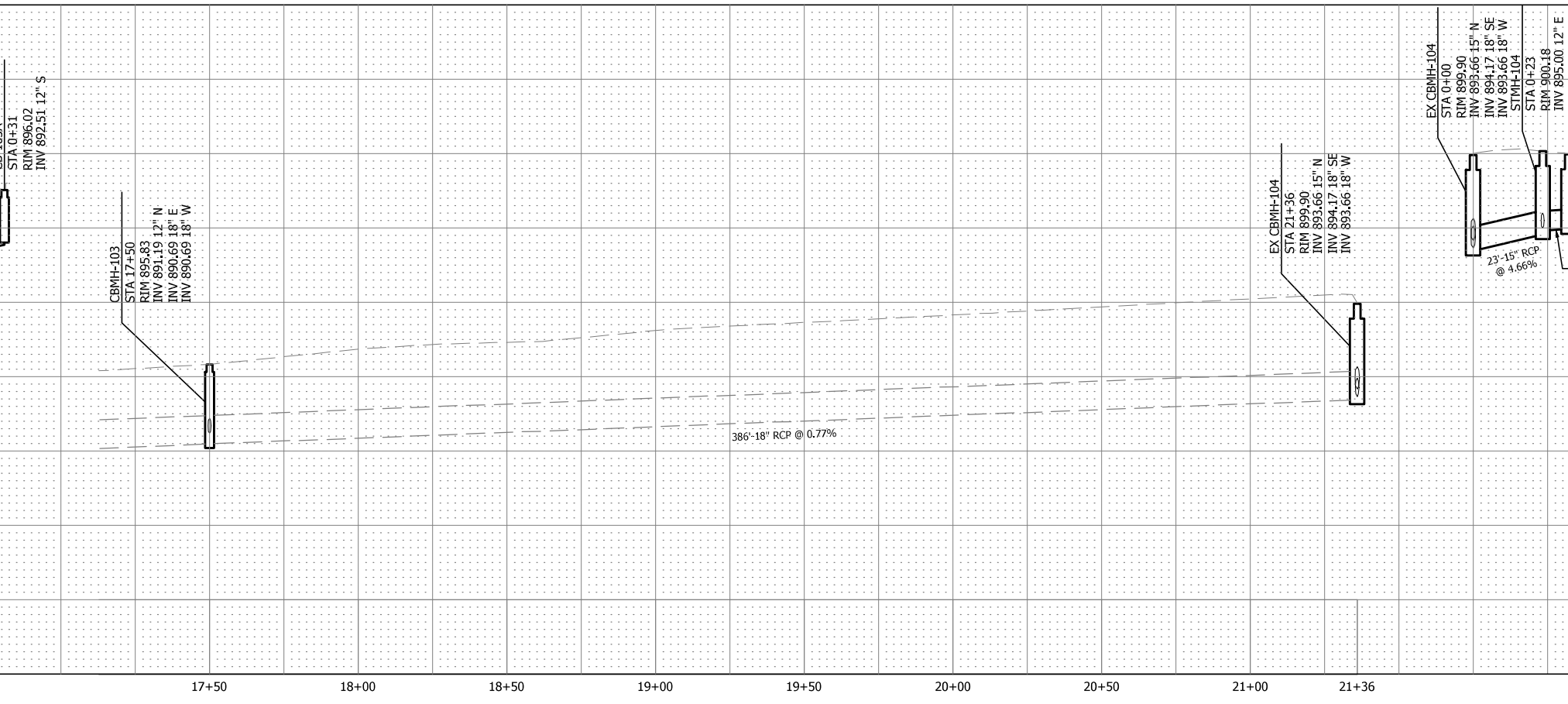
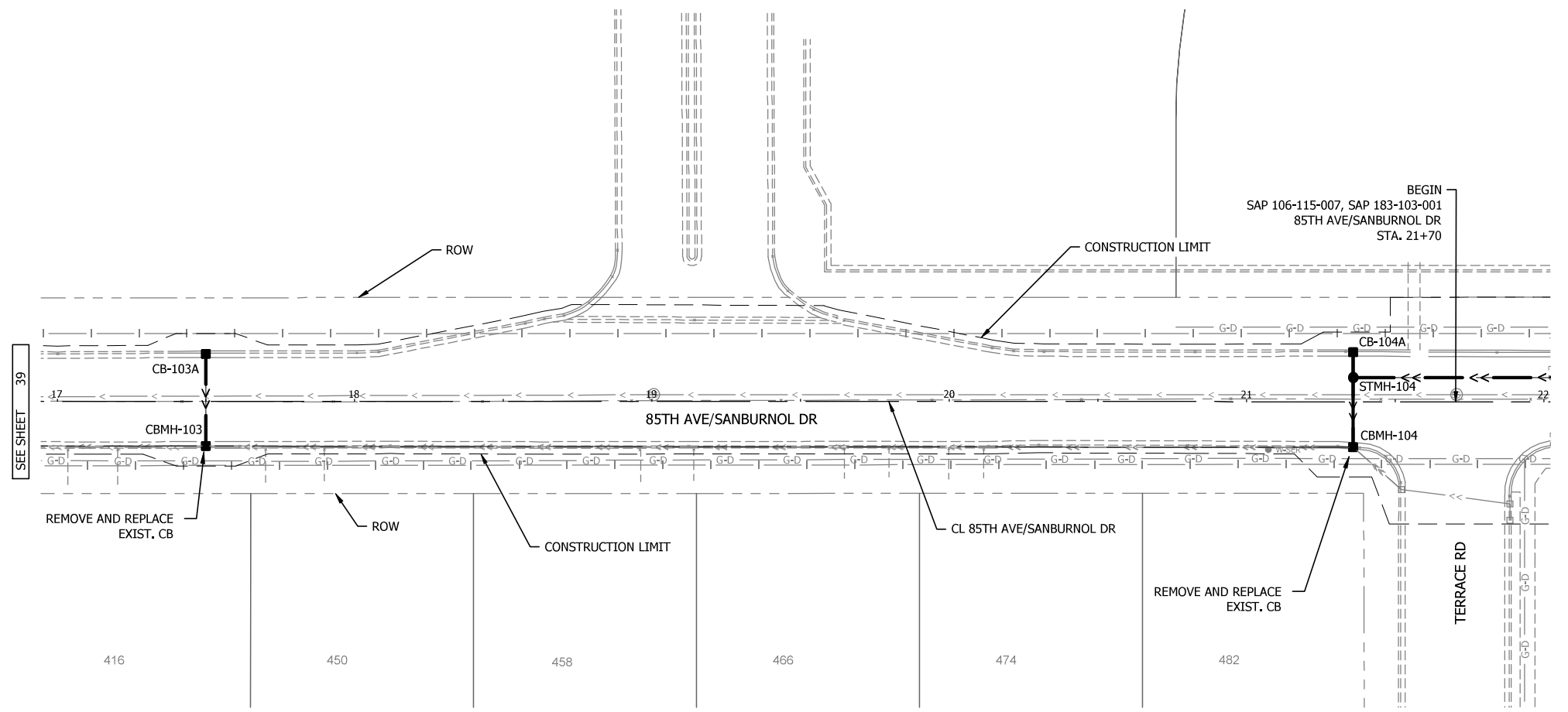
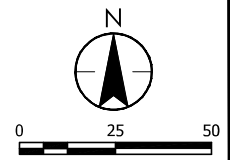
733 Marquette Avenue, Suite 1000
 Minneapolis, MN 55402
 www.stantec.com

DRAINAGE PLAN & PROFILE
 85TH AVENUE/SANBURNOL DRIVE

SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

Plot Date: 12/12/2023 - 11:32am
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 Scale: 1/8"=1'-0" (1/8"=1'-0")

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



Plot Date: 12/12/2023 - 11:32am
 Project: SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 Drawing: SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS - 80% PLAN
 User: 193806347_XSCL
 Path: \\193806347_XSCL\193806347_PROJECTS\193806347_SAP\193806347_XSCL

| NO | DATE | APPR | REVISION |
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SURVEY PBW
 DRAWN GDS
 DESIGNED PG
 CHECKED PG
 APPROVED PG
 PROJ. NO. 193806347

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80% PLAN
 SIGNATURE: _____
 DATE: _____ LIC. NO. _____

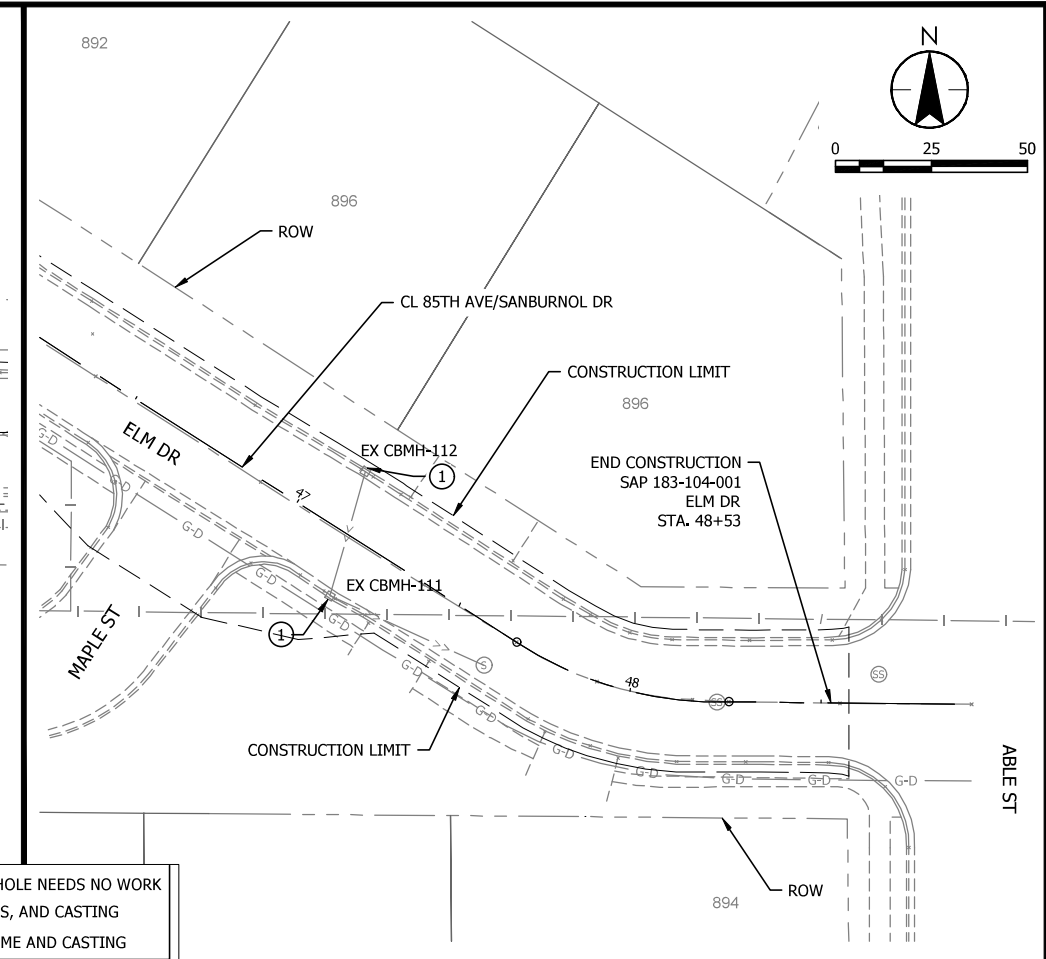
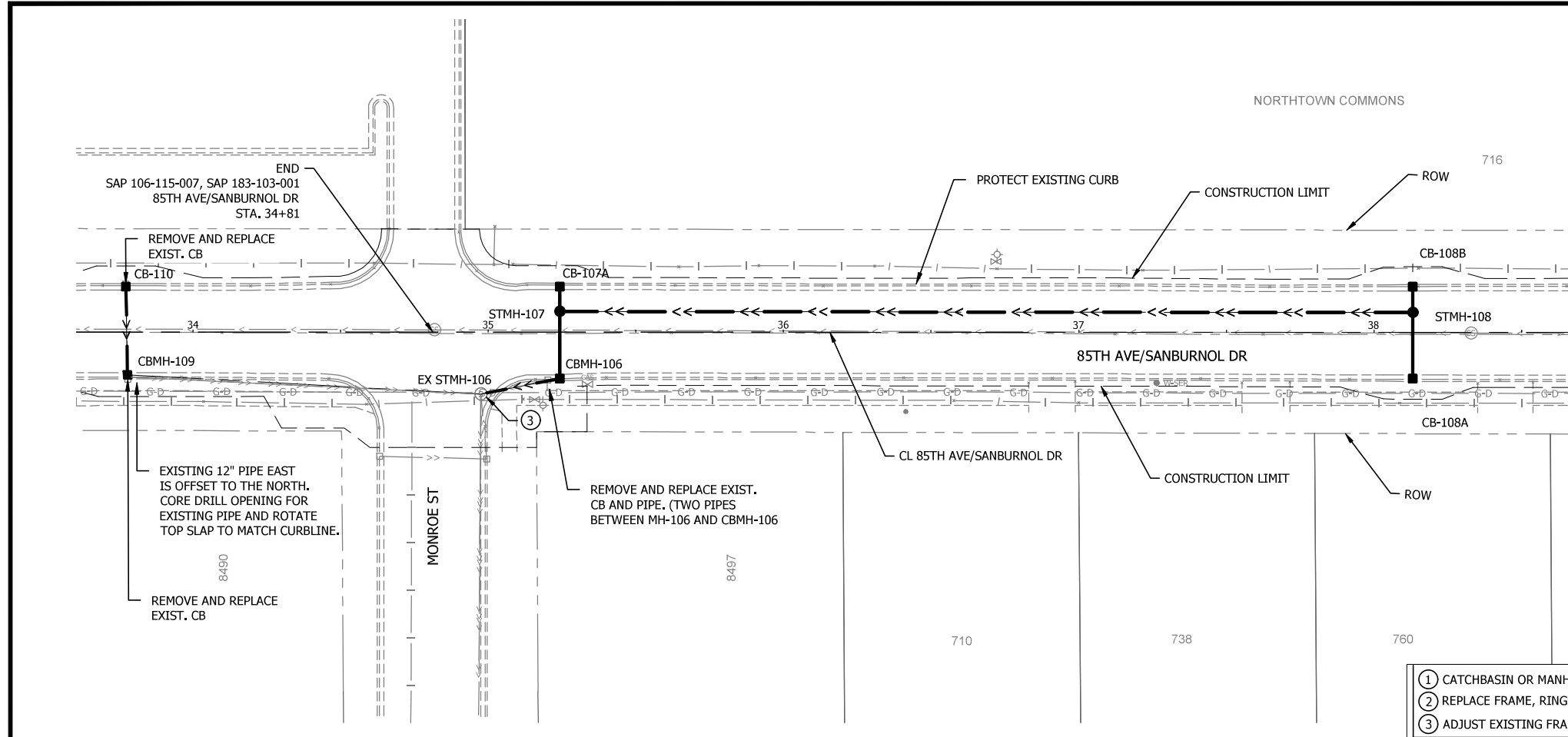
733 Marquette Avenue, Suite 1000
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DRAINAGE PLAN & PROFILE
 85TH AVENUE/SANBURNOL DRIVE

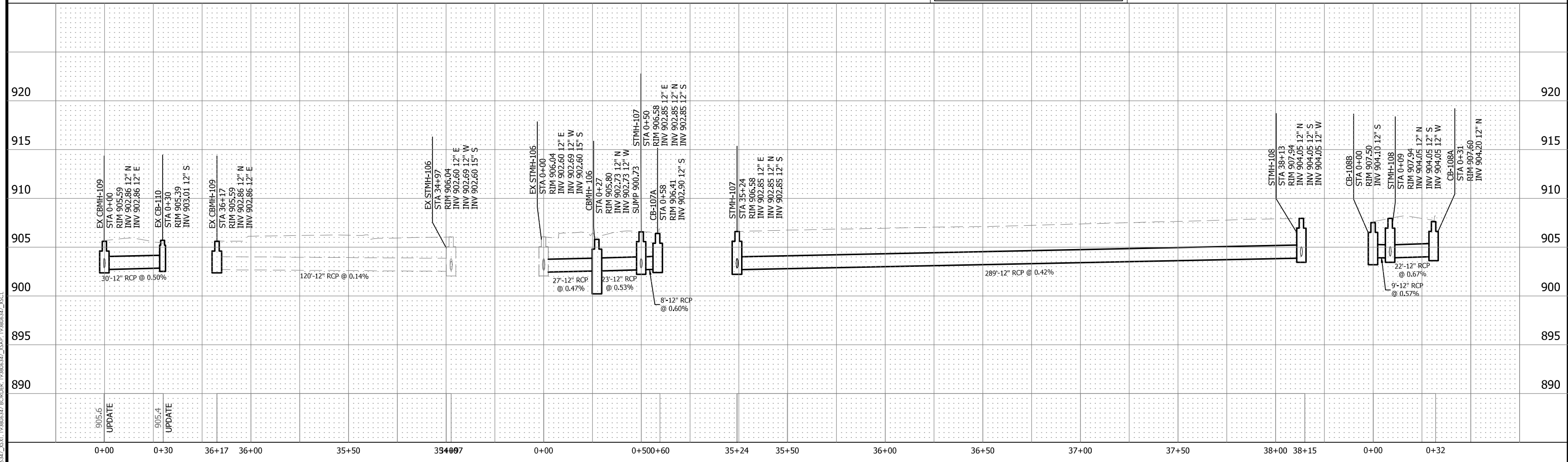
SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

| SHEET |
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| 40 |
| OF |
| 70 |

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



- ① CATCHBASIN OR MANHOLE NEEDS NO WORK
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- ③ ADJUST EXISTING FRAME AND CASTING



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80% PLAN

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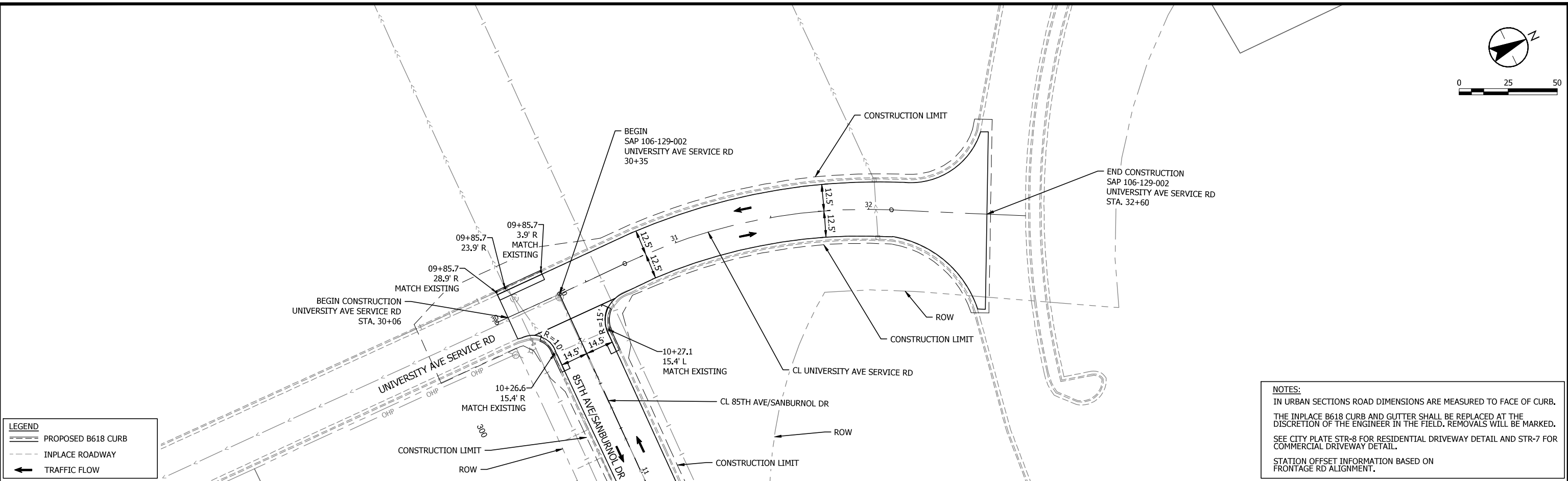
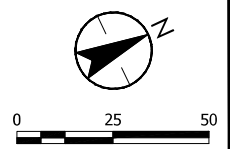
733 Marquette Avenue, Suite 1000
 Minneapolis, MN 55402
 www.stantec.com

DRAINAGE PLAN & PROFILE
 85TH AVENUE/SANBURNOL DRIVE

SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

Plot Date: 12/12/2023 - 11:32am
 Plot Path: C:\Users\pawson\OneDrive\Documents\Projects\SLP 2024 85th Ave\Drawings\85th Ave\85th Ave\85th Ave.dwg
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 User: pawson

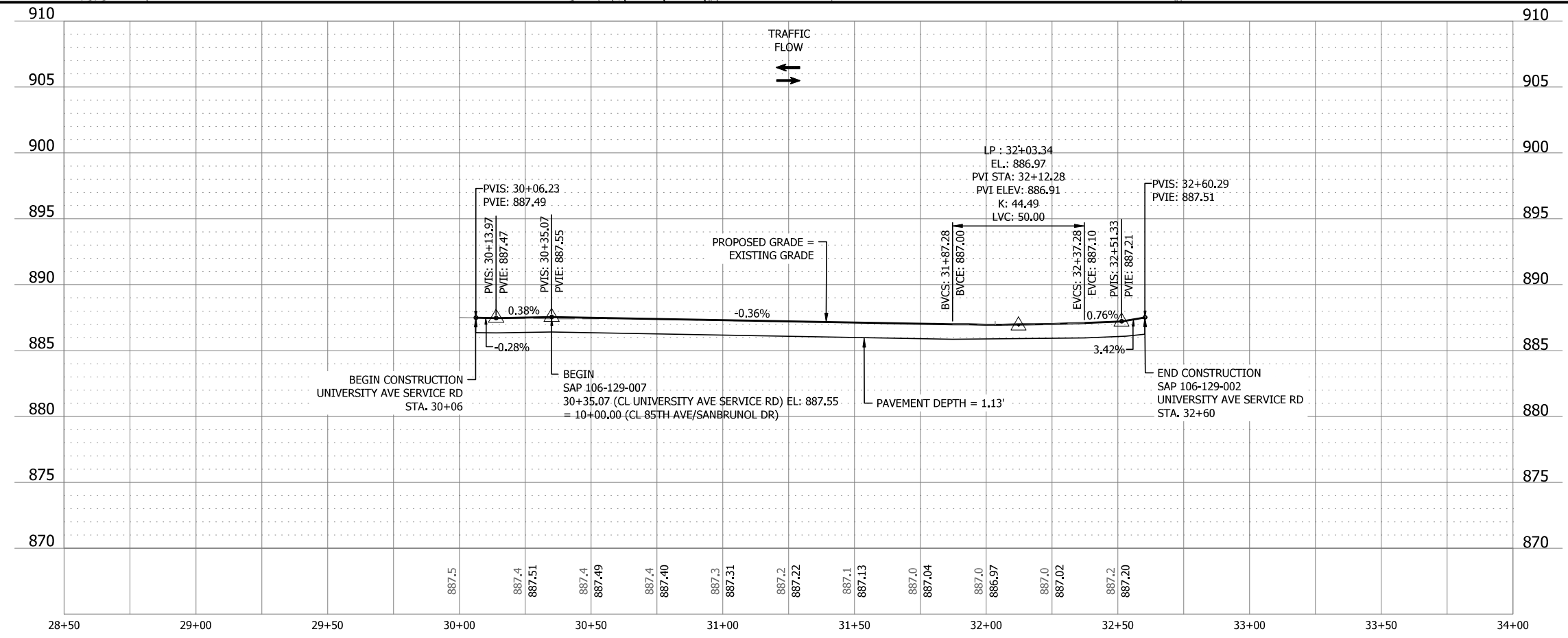
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LEGEND

- PROPOSED B618 CURB
- INPLACE ROADWAY
- TRAFFIC FLOW

NOTES:
 IN URBAN SECTIONS ROAD DIMENSIONS ARE MEASURED TO FACE OF CURB.
 THE INPLACE B618 CURB AND GUTTER SHALL BE REPLACED AT THE DISCRETION OF THE ENGINEER IN THE FIELD. REMOVALS WILL BE MARKED.
 SEE CITY PLATE STR-8 FOR RESIDENTIAL DRIVEWAY DETAIL AND STR-7 FOR COMMERCIAL DRIVEWAY DETAIL.
 STATION OFFSET INFORMATION BASED ON FRONTAGE RD ALIGNMENT.



| NO | DATE | APPR | REVISION |
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| SURVEY | PBW |
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| DRAWN | MUF |
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| APPROVED | PG |
| PROJ. NO. | 193806347 |

80% PLAN

733 Marquette Avenue, Suite 1000
 Minneapolis, MN 55402
 www.stantec.com

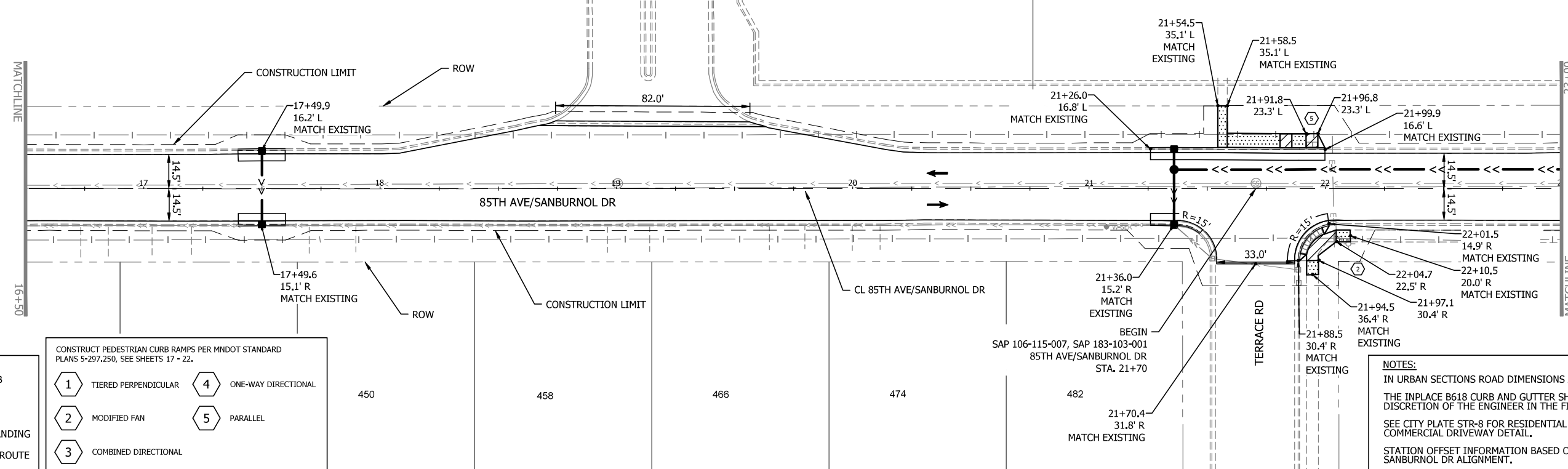
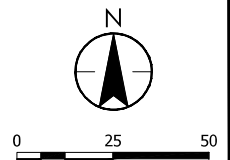
CONSTRUCTION PLAN & PROFILE
 UNIVERSITY AVENUE SERVICE ROAD

SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

| SHEET |
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| 43 |
| OF |
| 70 |

Plot Date: 12/12/2023 - 11:53am
 Plot Path: C:\Users\blaine\OneDrive\Documents\193806347_SLP\193806347_XSHEET\193806347_C101.dwg
 Scale: 1/8"=1'-0" (0.125)
 Plot File: 193806347_193806347_XSHEET\193806347_XSHEET\193806347_XSHEET.dwg

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



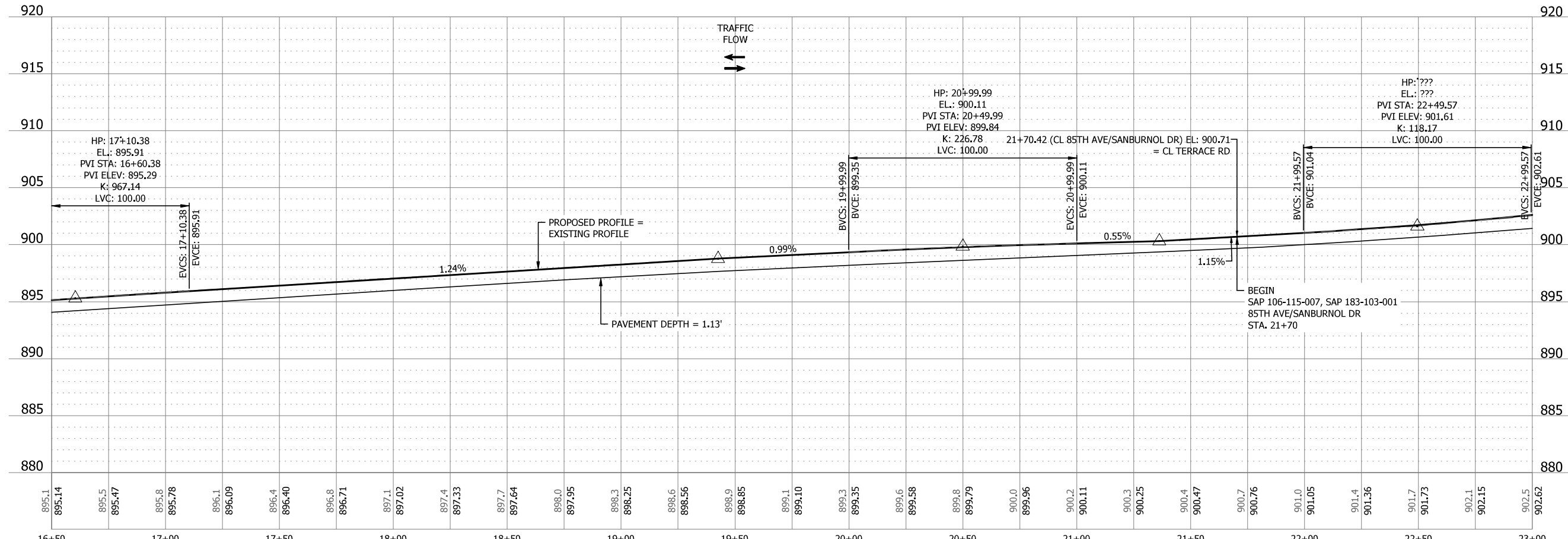
LEGEND

- PROPOSED B618 CURB
- INPLACE ROADWAY
- TRAFFIC FLOW
- PEDESTRIAN RAMP LANDING
- PEDESTRIAN ACCESS ROUTE

CONSTRUCT PEDESTRIAN CURB RAMPS PER MNDOT STANDARD PLANS 5-297.250, SEE SHEETS 17 - 22.

| | |
|------------------------|-----------------------|
| 1 TIERED PERPENDICULAR | 4 ONE-WAY DIRECTIONAL |
| 2 MODIFIED FAN | 5 PARALLEL |
| 3 COMBINED DIRECTIONAL | |

NOTES:
 IN URBAN SECTIONS ROAD DIMENSIONS ARE MEASURED TO FACE OF CURB.
 THE INPLACE B618 CURB AND GUTTER SHALL BE REPLACED AT THE DISCRETION OF THE ENGINEER IN THE FIELD. REMOVALS WILL BE MARKED.
 SEE CITY PLATE STR-8 FOR RESIDENTIAL DRIVEWAY DETAIL AND STR-7 FOR COMMERCIAL DRIVEWAY DETAIL.
 STATION OFFSET INFORMATION BASED ON SANBURNOL DR ALIGNMENT.



| NO | DATE | APPR | REVISION |
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| SURVEY | PBW |
|-----------|-----------|
| DRAWN | MJF |
| DESIGNED | MJF |
| CHECKED | JDP |
| APPROVED | PG |
| PROJ. NO. | 193806347 |

80% PLAN



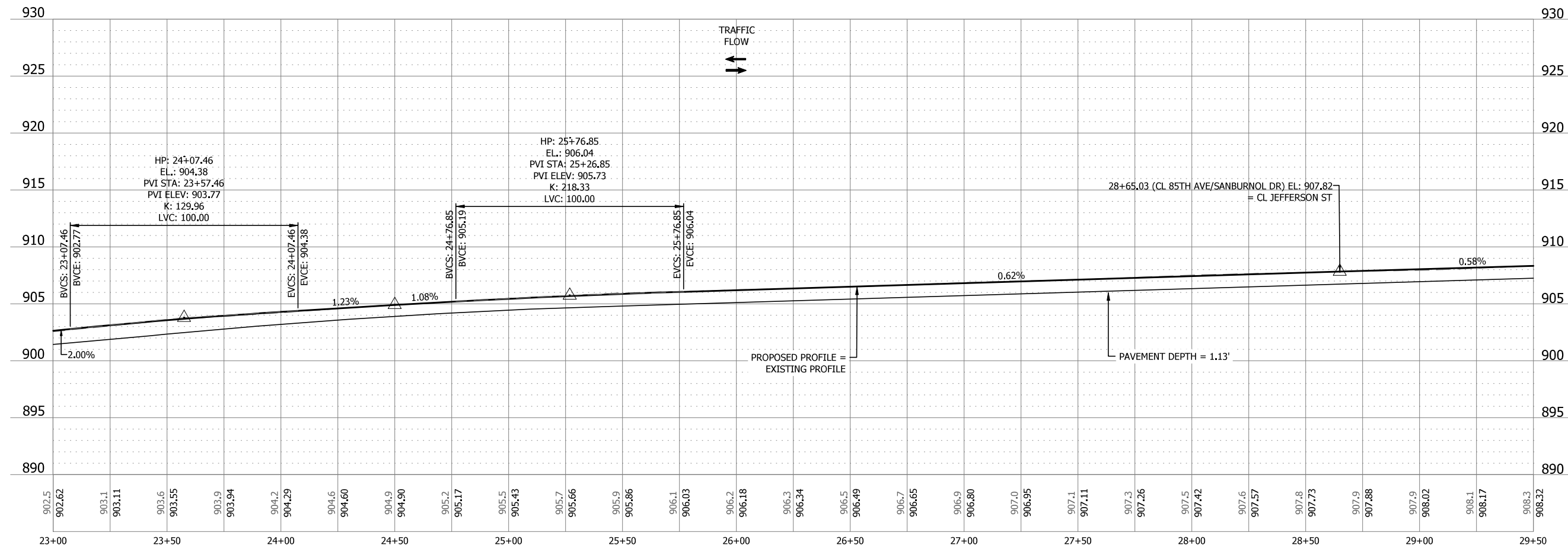
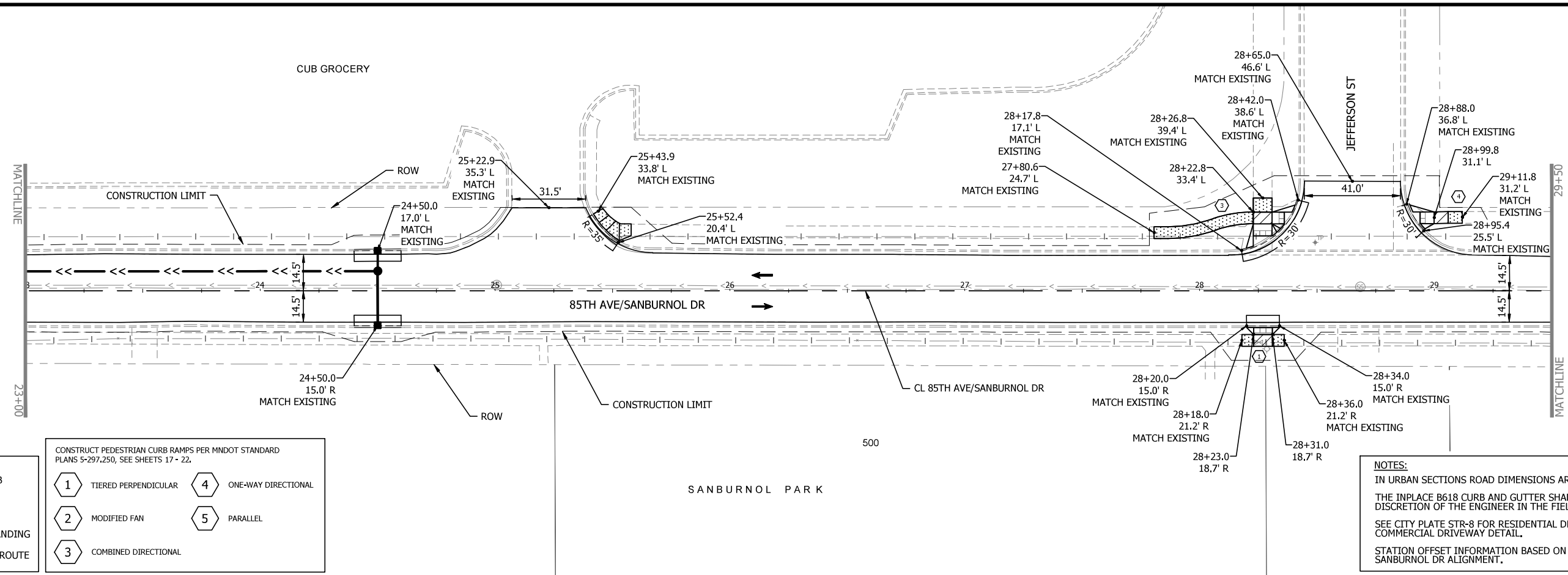
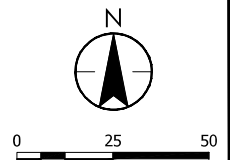
CONSTRUCTION PLAN & PROFILE
 85TH AVENUE/SANBURNOL DRIVE

SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

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| SHEET | 45 |
| OF | 70 |

Plot Date: 12/12/2023 - 11:34am
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THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



Plot Date: 12/12/2023 - 11:34am
 Project: SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 User: JDP

| NO | DATE | APPR | REVISION |
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| SURVEY | PBW |
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| DRAWN | MUF |
| DESIGNED | MUF |
| CHECKED | JDP |
| APPROVED | PG |
| PROJ. NO. | 193806347 |

80% PLAN

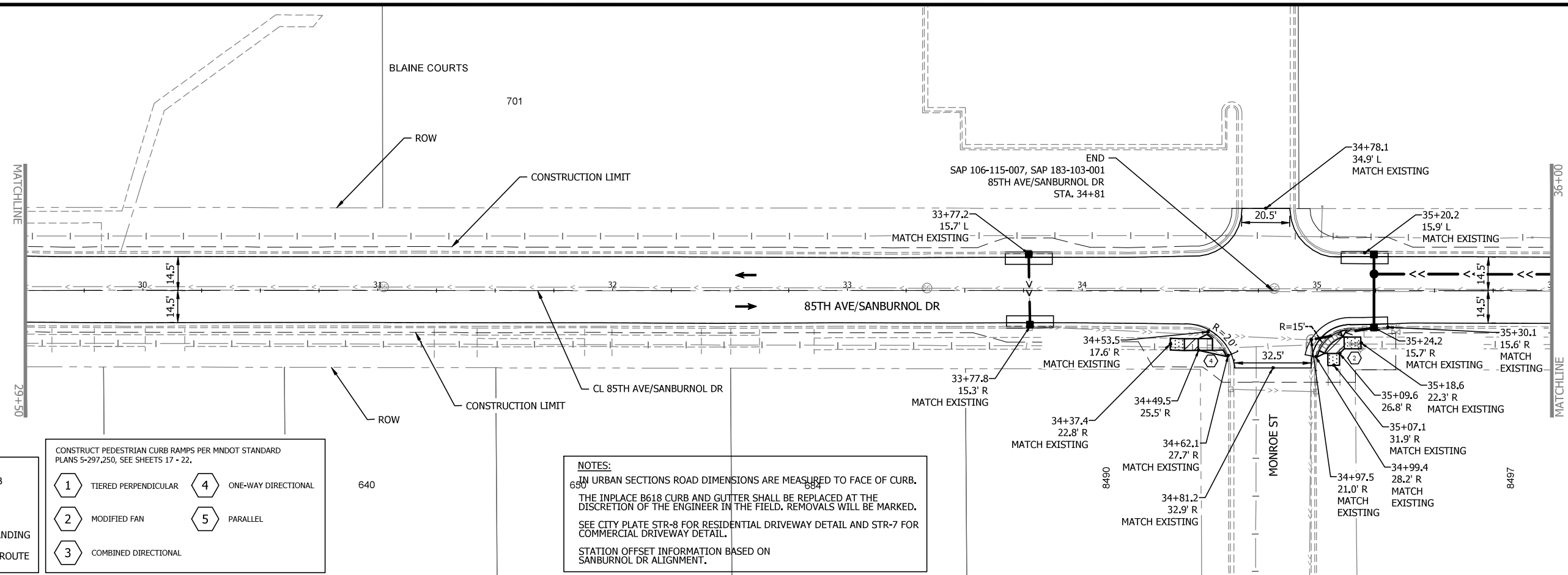
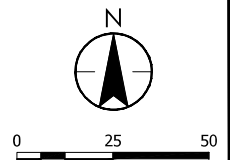


CONSTRUCTION PLAN & PROFILE
85TH AVENUE/SANBURNOL DRIVE

SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

SHEET
46
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THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



LEGEND

- PROPOSED B618 CURB
- INPLACE ROADWAY
- TRAFFIC FLOW
- PEDESTRIAN RAMP LANDING
- PEDESTRIAN ACCESS ROUTE

CONSTRUCT PEDESTRIAN CURB RAMPS PER MNDOT STANDARD PLANS 5-297.250, SEE SHEETS 17 - 22.

| | | | |
|--|------------------------|--|-----------------------|
| | 1 TIERED PERPENDICULAR | | 4 ONE-WAY DIRECTIONAL |
| | 2 MODIFIED FAN | | 5 PARALLEL |
| | 3 COMBINED DIRECTIONAL | | |

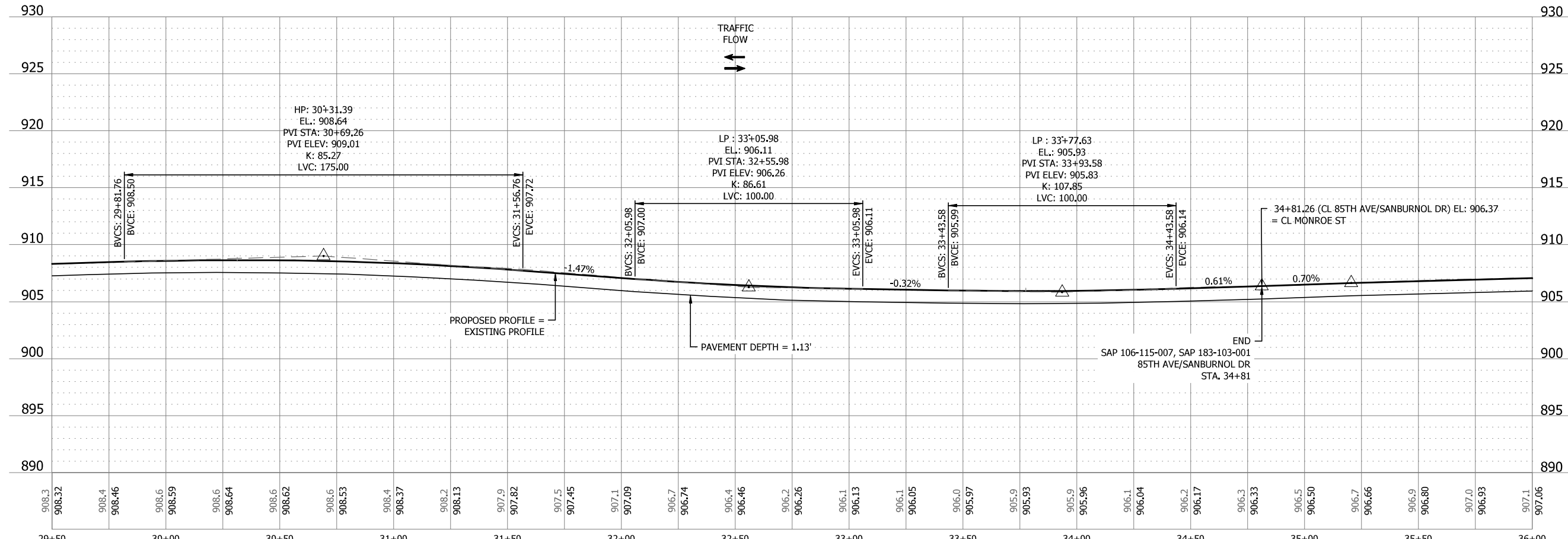
NOTES:

830 IN URBAN SECTIONS ROAD DIMENSIONS ARE MEASURED TO FACE OF CURB.

THE INPLACE B618 CURB AND GUTTER SHALL BE REPLACED AT THE DISCRETION OF THE ENGINEER IN THE FIELD. REMOVALS WILL BE MARKED.

SEE CITY PLATE STR-8 FOR RESIDENTIAL DRIVEWAY DETAIL AND STR-7 FOR COMMERCIAL DRIVEWAY DETAIL.

STATION OFFSET INFORMATION BASED ON SANBURNOL DR ALIGNMENT.



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 Xref: 193806347_193806347.dwg
 Xref: 193806347_193806347.dwg
 Xref: 193806347_193806347.dwg

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| SURVEY | PBW |
| DRAWN | MJF |
| DESIGNED | MJF |
| CHECKED | JDP |
| APPROVED | PG |
| PROJ. NO. | 193806347 |

80% PLAN

733 Marquette Avenue, Suite 1000
 Minneapolis, MN 55402
 www.stantec.com

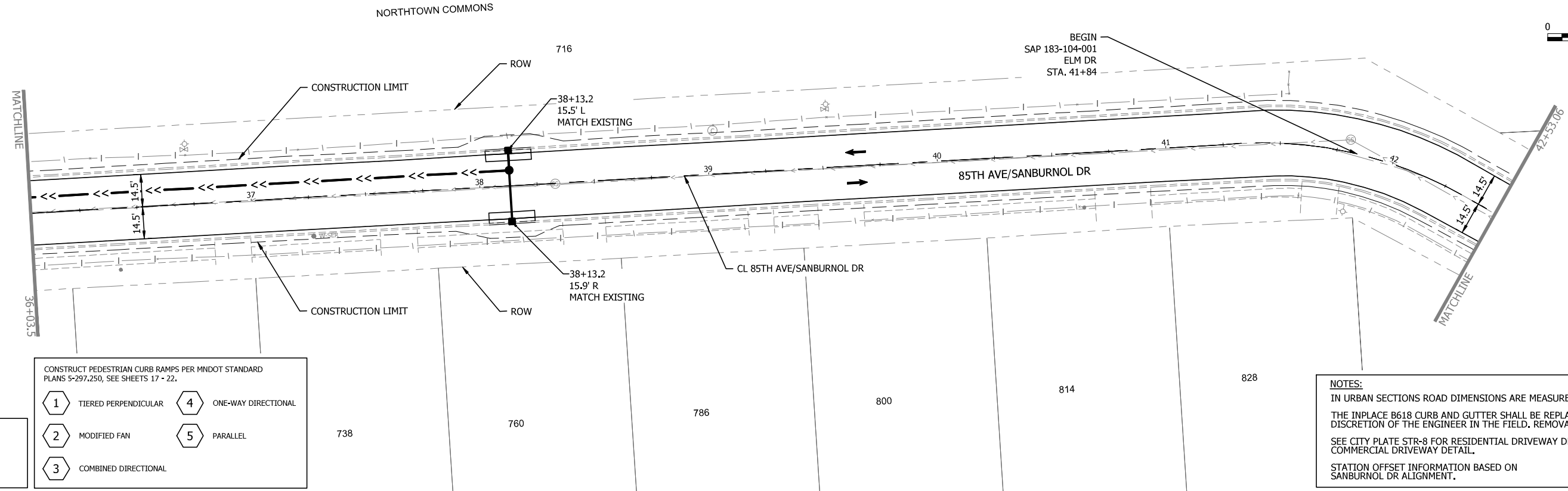
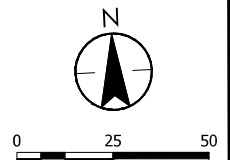
CONSTRUCTION PLAN & PROFILE
 85TH AVENUE/SANBURNOL DRIVE

SPRING LAKE PARK, MN

SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

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| SHEET | 47 |
| OF | 70 |

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



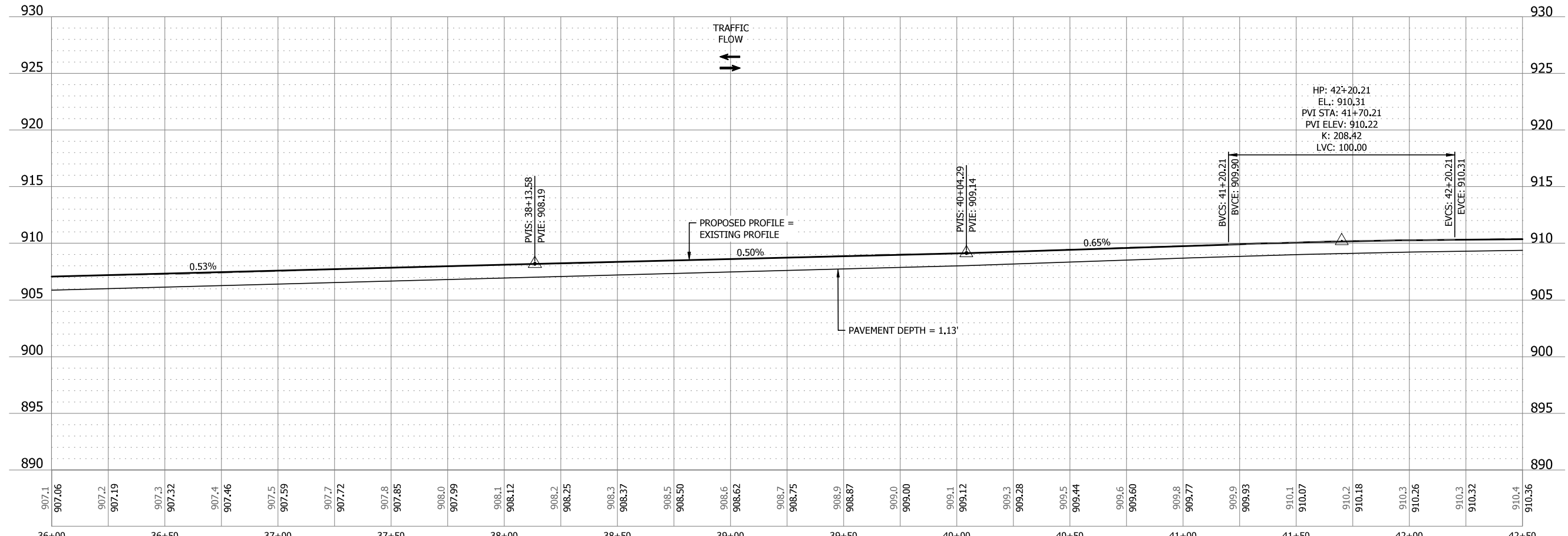
CONSTRUCT PEDESTRIAN CURB RAMPS PER MNDOT STANDARD PLANS 5-297.250, SEE SHEETS 17 - 22.

| | | | |
|---|----------------------|---|---------------------|
| 1 | TIERED PERPENDICULAR | 4 | ONE-WAY DIRECTIONAL |
| 2 | MODIFIED FAN | 5 | PARALLEL |
| 3 | COMBINED DIRECTIONAL | | |

LEGEND

- PROPOSED B618 CURB
- INPLACE ROADWAY
- TRAFFIC FLOW

NOTES:
 IN URBAN SECTIONS ROAD DIMENSIONS ARE MEASURED TO FACE OF CURB.
 THE INPLACE B618 CURB AND GUTTER SHALL BE REPLACED AT THE DISCRETION OF THE ENGINEER IN THE FIELD. REMOVALS WILL BE MARKED.
 SEE CITY PLATE STR-8 FOR RESIDENTIAL DRIVEWAY DETAIL AND STR-7 FOR COMMERCIAL DRIVEWAY DETAIL.
 STATION OFFSET INFORMATION BASED ON SANBURNOL DR ALIGNMENT.



| NO | DATE | APPR | REVISION |
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| SURVEY | PBW |
| DRAWN | MJF |
| DESIGNED | MJF |
| CHECKED | JDP |
| APPROVED | PG |
| PROJ. NO. | 193806347 |

80% PLAN

Stantec
 733 Marquette Avenue, Suite 1000
 Minneapolis, MN 55402
 www.stantec.com

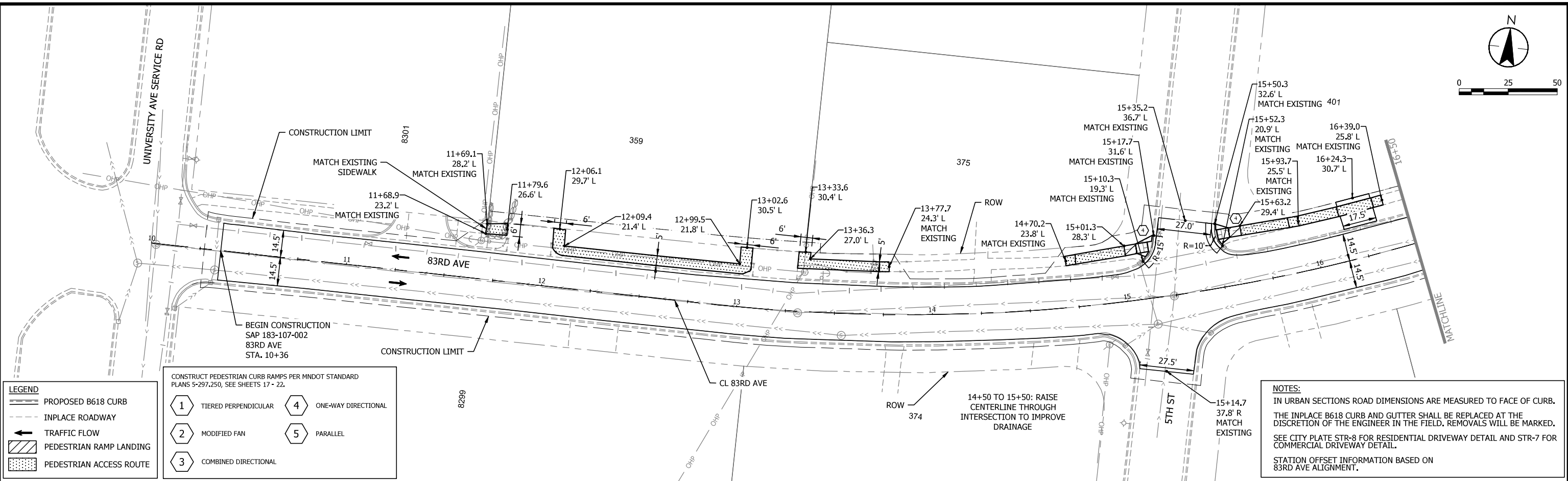
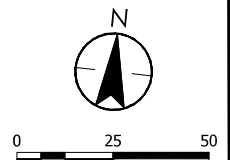
CONSTRUCTION PLAN & PROFILE
 85TH AVENUE/SANBURNOL DRIVE

SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

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| SHEET | 48 |
| OF | 70 |

Plot Date: 12/12/2023 - 11:35am
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 Scale: 1/8"=1'-0" (0.125)

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



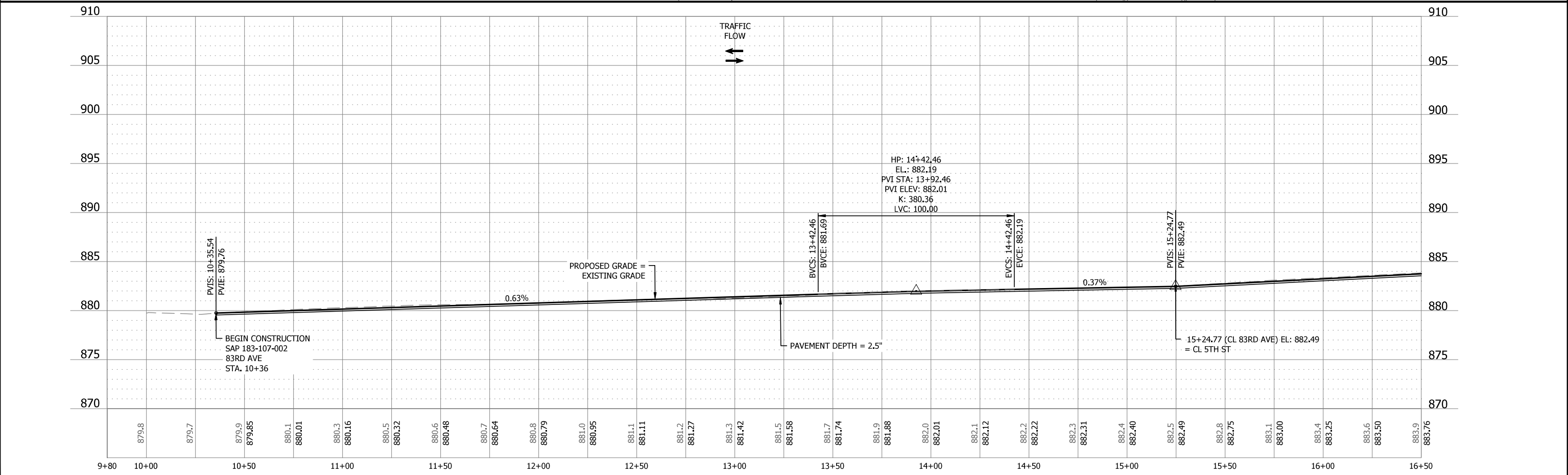
LEGEND

- PROPOSED B618 CURB
- INPLACE ROADWAY
- TRAFFIC FLOW
- PEDESTRIAN RAMP LANDING
- PEDESTRIAN ACCESS ROUTE

CONSTRUCT PEDESTRIAN CURB RAMPS PER MNDOT STANDARD PLANS 5-297.250, SEE SHEETS 17 - 22.

| | |
|------------------------|-----------------------|
| 1 TIERED PERPENDICULAR | 4 ONE-WAY DIRECTIONAL |
| 2 MODIFIED FAN | 5 PARALLEL |
| 3 COMBINED DIRECTIONAL | |

NOTES:
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 STATION OFFSET INFORMATION BASED ON 83RD AVE ALIGNMENT.



| NO | DATE | APPR | REVISION |
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| SURVEY | PBW |
|-----------|-----------|
| DRAWN | MJF |
| DESIGNED | MJF |
| CHECKED | JDP |
| APPROVED | PG |
| PROJ. NO. | 193806347 |

80% PLAN

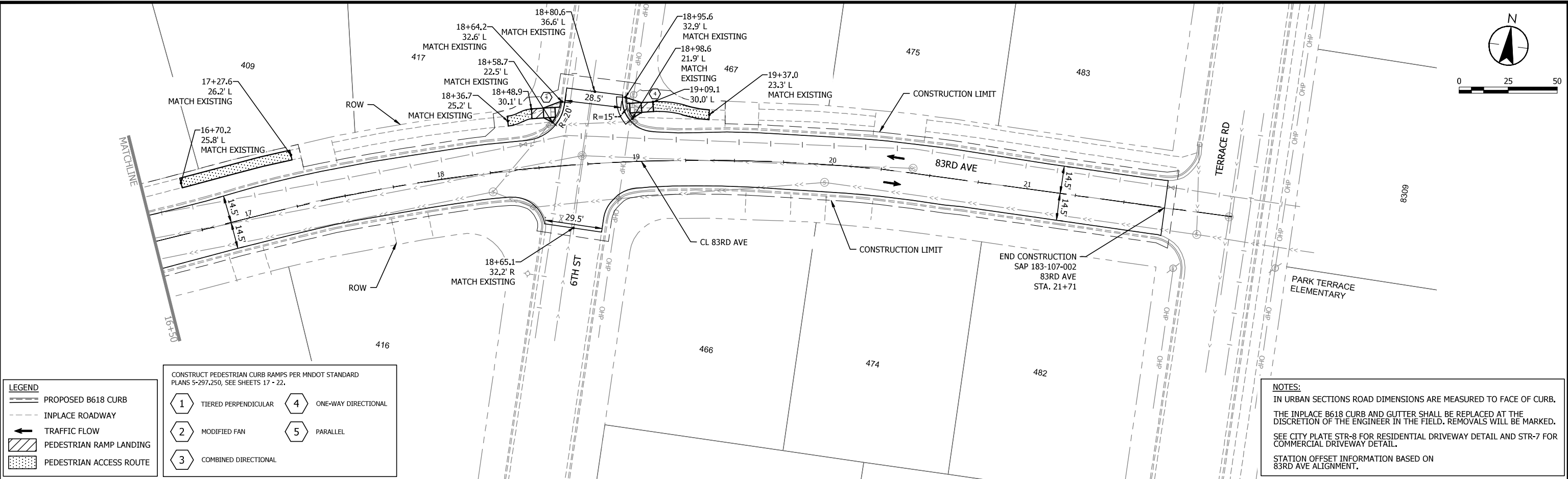
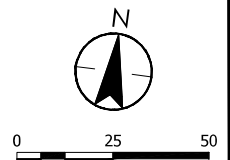
CONSTRUCTION PLAN & PROFILE
83RD AVENUE

SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

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| SHEET | 50 |
| OF | 70 |

Plot Date: 12/12/2023 - 11:36am
 Plot Path: C:\Users\p144\OneDrive\Documents\193806347\193806347_C101.dwg
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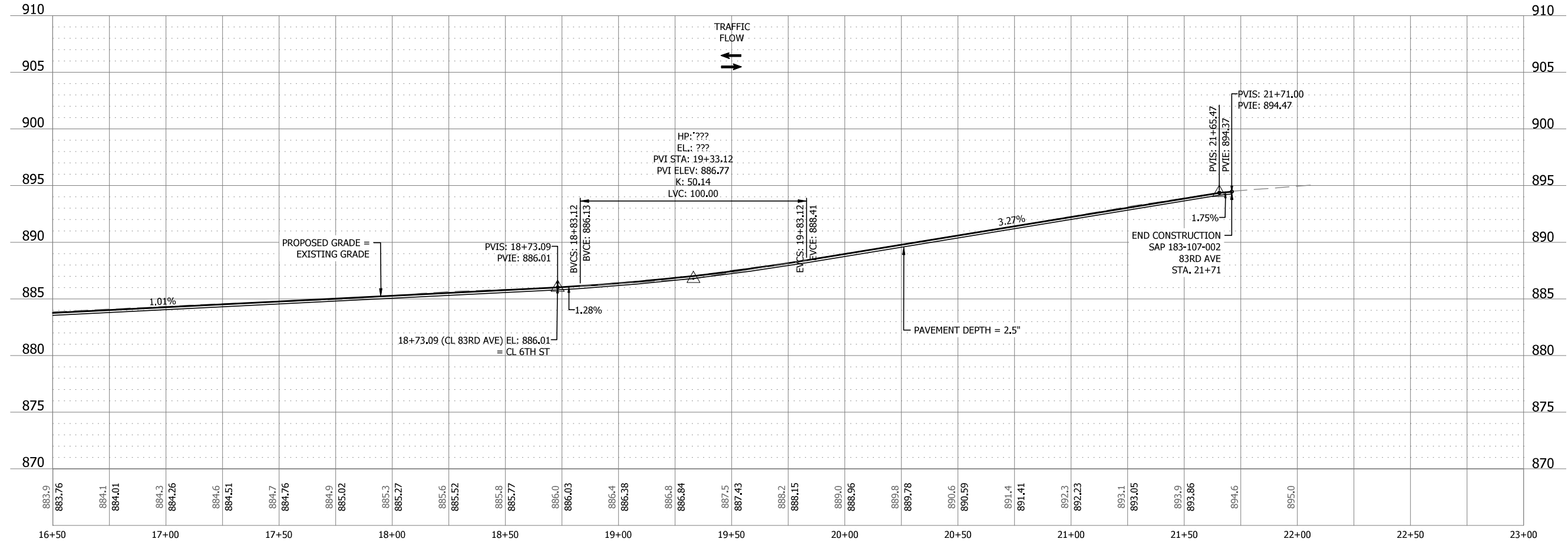
LEGEND

- PROPOSED B618 CURB
- INPLACE ROADWAY
- TRAFFIC FLOW
- PEDESTRIAN RAMP LANDING
- PEDESTRIAN ACCESS ROUTE

CONSTRUCT PEDESTRIAN CURB RAMPS PER MNDOT STANDARD PLANS 5-297.250, SEE SHEETS 17 - 22.

| | |
|------------------------|-----------------------|
| 1 TIERED PERPENDICULAR | 4 ONE-WAY DIRECTIONAL |
| 2 MODIFIED FAN | 5 PARALLEL |
| 3 COMBINED DIRECTIONAL | |

NOTES:
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 SEE CITY PLATE STR-8 FOR RESIDENTIAL DRIVEWAY DETAIL AND STR-7 FOR COMMERCIAL DRIVEWAY DETAIL.
 STATION OFFSET INFORMATION BASED ON 83RD AVE ALIGNMENT.



| NO | DATE | APPR | REVISION |
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| SURVEY | PBW |
|-----------|-----------|
| DRAWN | MJF |
| DESIGNED | MJF |
| CHECKED | JDP |
| APPROVED | PG |
| PROJ. NO. | 193806347 |

80% PLAN

CONSTRUCTION PLAN & PROFILE
83RD AVENUE

SPRING LAKE PARK, MN
 SLP 2024 85TH AVE/SANBURNOL DR, ELM DR, & 83RD AVE IMPROVEMENTS
 SAP 106-115-007, SAP 106-129-002, SAP 183-103-001,
 SAP 183-104-001, & SAP 183-107-002

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| SHEET | 51 |
| OF | 70 |

Plot Date: 12/17/2023 - 11:37 am
 Plot Path: C:\Users\p144\OneDrive\Desktop\193806347\193806347.dwg
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 User: p144
 Job: 193806347_XSET
 Job Path: C:\Users\p144\OneDrive\Desktop\193806347_XSET\193806347_XSET.dwg
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