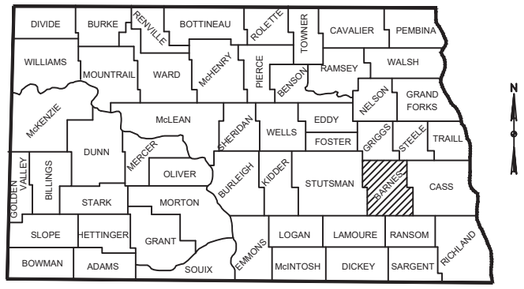
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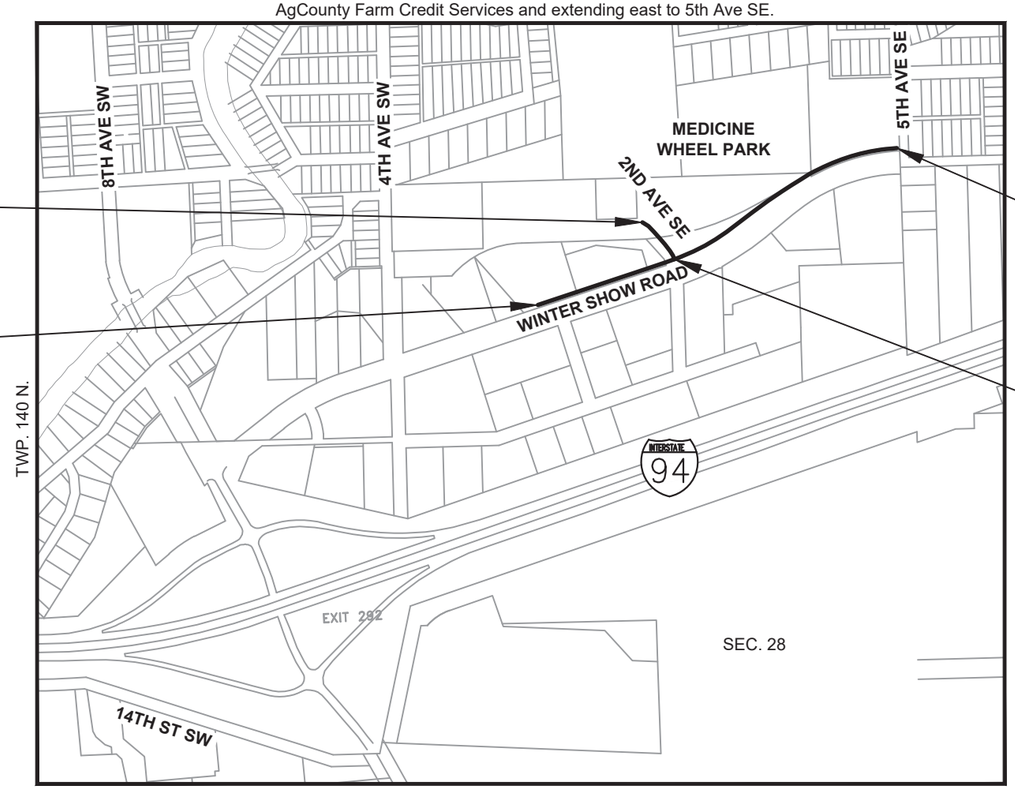


STATE OF NORTH DAKOTA
SHOWING COUNTIES

BARNES COUNTY, NORTH DAKOTA
PLANS FOR FEDERAL AID PROJECT
PROJECT NUMBER TAU-2-990(070)
VALLEY CITY SHARED-USE PATH

Project consists of approximately 0.455 miles of Concrete Path, ADA Ramps, Grading, Removals, and Incidentals.

Project is located adjacent to Winter Show Road, beginning at the first entrance of AgCounty Farm Credit Services and extending east to 5th Ave SE.



BEGIN PROJECT - 2ND AVE SE
STA. 200+13

BEGIN PROJECT - WINTER SHOW ROAD
STA. 100+28

END PROJECT - WINTER SHOW ROAD
STA. 121+38

END PROJECT - 2ND AVE SE
STA. 203+08

GOVERNING SPECIFICATIONS	Date Published and Adopted by the North Dakota Department of Transportation
Standard Specifications	7/1/2025
Supplemental Specifications	NONE

PROJECT LENGTH

PROJECT	GROSS MILES	NET MILES
WINTER SHOW RD	0.400	0.400
2ND AVE SE	0.056	0.056
TOTAL	0.456	0.456

PS&E Corrections Made: AUGUST 2026

Surveyed & Designed Date: JUNE 2025 & JUNE 2026

DESIGNER	Todd Hummel, PE
DESIGNER	Alex Glowacki, EI
DESIGNER	-
DESIGNER	-
DESIGNER	-

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

KLJ
1010 4TH AVENUE SW
VALLEY CITY, ND 58072-0937
(701) 845-4980, FAX (855) 288-8055

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	2	1

TABLE OF CONTENTS

PLAN SECTIONS

Section	Page(s)	Description
1	1	Title Sheet
2	1	Table of Contents
4	1	Scope of Work
6	1	Notes
8	1	Quantities
10	1	Basis of Estimate
20	1 - 5	General Details
30	1 - 2	Typical Sections
40	1 - 4	Removals
60	1 - 7	Plan & Profile
77	1 - 4	Permanent Erosion Control
100	1 - 3	Work Zone Traffic Control
110	1 - 4	Signing
200	1 - 18	Cross Sections - Winter Show Rd
200	19 - 23	Cross Sections - 2nd Ave SE

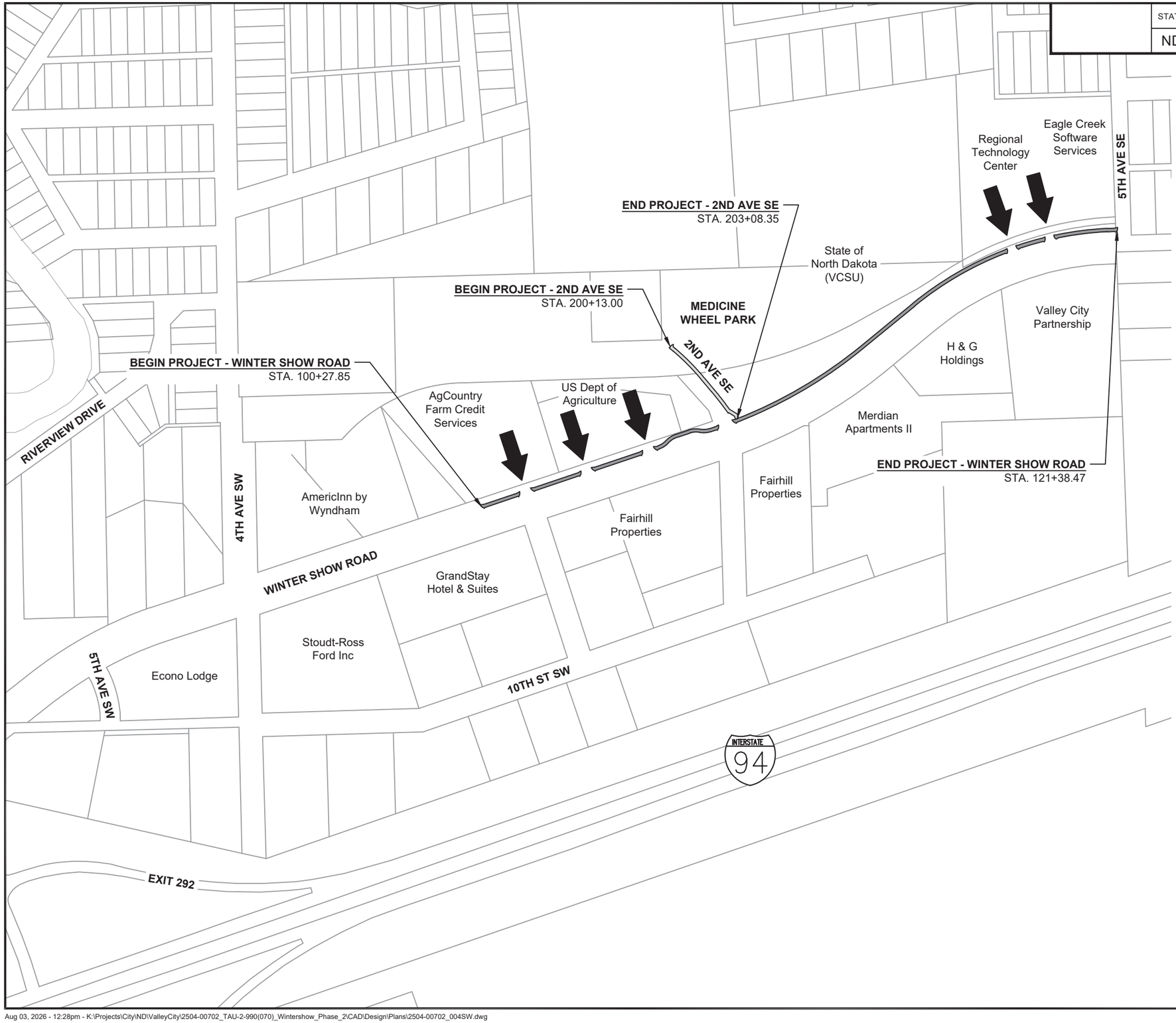
LIST OF STANDARD DRAWINGS

Number	Description
D-101-1, 2, 3, 4	NDDOT Abbreviations
D-101-10	NDDOT Utility Company and Organization Abbreviations
D-101-20, 21	Line Styles
D-101-30, 31, 32, 33	Symbols
D-101-40	Cross Section Legend
D-256-1	Erosion And Siltation Controls
D-261-1	Erosion Control - Fiber Roll Placement Details
D-704-7	Breakaway Systems For Construction Zone Signs - Perforated Tube
D-704-8	Breakaway Systems For Construction Zone Signs - U-Channel Post
D-704-11, 11A	Construction Sign Details - Warning Signs
D-704-12	Shoulder Closure Tapers
D-704-13	Barricade And Channelizing Device Details
D-704-14	Construction Sign Punching And Mounting Details
D-704-20	Terminal And Seal Coat Sign Layouts
D-704-24	Shoulder Closures And Bridge Painting Layouts
D-722-1	Inlet - Type 1
D-722-5	Manhole Details
D-748-1	Curb & Gutter And Valley Gutter
D-750-2	Sidewalk
D-750-3	Curb Ramp Retrofit Details
D-750-4	Curb Ramp Retrofit Transitional Area Details
D-754-7	Pipe Support And Sign Mounting Details
D-754-23	Perforated Tube Assembly Details
D-754-24, 25	Mounting Details Perforated Tube
D-754-24A	Breakaway Coupler System For Perforated Tubes
D-754-87	Sign Punching, Stringer And Support Location Details For Street Name Signs And 911 Signs

SPECIAL PROVISIONS

Number	Description
SSP 1	Temporary Erosion and Sediment Best Management Practices
SSP 3	Local Agency Contracts
SP 581(25)	Utility Coordination
SP 582(25)	Commercial Grade Hot Mix Asphalt - Without Density

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	4	1



WINTER SHOW ROAD
4" CONCRETE SHARED-USE PATH

2ND AVE SE
4" CONCRETE SHARED-USE PATH

DRIVEWAY ACCESS

N

150 0 150 300
scale 1"=300' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

SCOPE OF WORK

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	6	1

PLAN NOTES

100-P01 NOISE RESTRICTION: Limit all work to the hours of 7 a.m. to 10 p.m. unless written permission is obtained from the Engineer. Submit a written request seeking permission a minimum of 10 days prior to the work taking place.

202-P01 REMOVAL OF CURB & GUTTER: Where existing curb and gutter designated for removal is adjacent to existing hot mix asphalt pavement, remove the hot mix asphalt surfacing for a width of 2 feet from the outside edge of the gutter pan.

Include all costs associated with removing the adjacent hot mix asphalt surfacing in the contract unit price bid for "REMOVAL OF BITUMINOUS SURFACING".

203-010 SHRINKAGE: 35 percent additional volume is included for shrinkage in earth embankment.

203-P01 COMMON EXCAVATION-TYPE B: Include all costs associated with excavating, transporting, and placing the material in the contract unit price bid for “COMMON EXCAVATION-TYPE B”. “COMMON EXCAVATION-TYPE B” will be paid at plan quantity. Any change to plan quantity must be approved by the Owner or Engineer.

230-P01 SUBGRADE PREPARATION-TYPE A: Prepare the subgrade to a depth of 6 inches and construct in accordance with Section 230.04.D of the Standard Specifications. The limits of Subgrade Preparation-Type A are identified in Section 10 by individual locations with corresponding Begin Station and End Station limits. Each individual location will be considered a separate lot.

The Engineer will complete one (1) compaction test for each lot or one compaction test for every 500 LF of subgrade preparation within a lot, whichever is greater. The Engineer will randomly select the test locations and perform the compaction tests.

302-P01 WATER: Include all labor and water used to control dust and to compact aggregate bases in the contract unit price bid for “AGGREGATE BASE COURSE CL 5”.

251-P01 SEEDING CLASS III: The seed mixture will be as follows:

Grass Species	Pound Pure Live Seed/Acre
Kentucky Bluegrass	50
Perennial Rye Grass	20
Six-Week Fescue or Dural-Hard Fescue	30
Annual Rye Grass	50
	150

704-P01 CONSTRUCTION SIGNING: Furnish the necessary traffic control devices as included in Section 100. Portable signs and delineator drums have been provided for construction activities taking place on or immediately adjacent to the roadway.

Traffic control device quantities are based on the list below.

1. Standard D-704-12;
2. Standard D-704-20, layout G; and
3. Standard D-704-24, layout U.

722-P05 SPRINKLER RELOCATION: Existing sprinkler systems located at the address listed below will require adjustments or relocations. Coordinate adjustments or relocations directly with the landowners. Notify landowners 48 hours in advance of needing the existing sprinkler system turned off, system zones disabled, lines being capped, or any other modifications to the sprinkler system.

1. 220 Winter Show Rd SW (AgCountry Farm Credit Services)
2. 415 Winter Show Rd SE (Regional Technology Center)

Include all labor, materials, and equipment necessary to complete the relocations to the existing sprinkler systems in the contract unit price bid for “ADJUST SPRINKLER SYSTEM”.

748-P01 CURB & GUTTER: Where hot mix asphalt surfacing was removed adjacent to the proposed Curb & Gutter, patch the area with material meeting the requirements of the Special Provision for Commercial Grade Hot Mix Asphalt. Match the thickness of the existing hot mix asphalt surfacing.

Include all costs associated with furnishing, placing, and compacting the Commercial Grade Hot Mix Asphalt in the contract unit price bid for "CURB & GUTTER".

750-P01 DETECTABLE WARNING PANELS: Use unpainted ductile cast iron plates.

750-P02 SIDEWALK CONCRETE REINF: Use 6IN sidewalk concrete thickness. Provide a thickened concrete edge in the adjacent panel of SIDEWALK CONCRETE 4IN. Maintain 4IN aggregate base course thickness through the thickened edge. Include all labor, materials, and equipment necessary to provide the thickened concrete edge and maintaining aggregate base course thickness in the contract unit price bid for “SIDEWALK CONCRETE REINF”.

970-P01 HERBICIDE WEED CONTROL: Place a granular herbicide in the areas where the concrete pavement shared use path will be placed. Place herbicide over the width shown on the typical sections, (centered on the trail centerline and incorporated into the subgrade prior to placement of the base material). Use the following:

- Pramitol 5PS at an application rate of 304 – 400 lbs/acre (7.0 – 9.2 lbs/1,000 S.F.),
- Topsite 2.5G at an application rate of 200 – 300 lbs/acre (4.6 – 6.9 lbs/1,000 S.F.),
- or an approved equal.

Place herbicide immediately ahead of the placement of the aggregate base course using a drop spreader. Broadcast spreaders are not allowed. Take precautions to prevent discharge or overspreading of herbicide onto areas of existing vegetation.

Include the cost of materials, equipment, labor, and incidentals to complete this item in the bid price per lineal foot of herbicide weed control measured along the trail centerline.

970-P02 BENCH: Remove and salvage the existing bench near Sta 200+14 LT in Medicine Wheel Park. Exercise care during removal to prevent damage to the bench. Store the salvaged bench in a secure location until adjacent concrete work has been completed. Coordinate with the Engineer to identify the new location for the salvaged bench to be re-installed.

Install the salvaged bench at the location designated by the Engineer. Secure the bench to the concrete with stainless steel expansion anchors equal in diameter to the anchors removed during bench removal. Drill holes in accordance with the anchor manufacture’s recommendations. Clean drilled holes by removing all dust and debris prior to anchor installation. Install anchors and tighten hardware as recommended by the manufacturer.

Include all labor, equipment, materials, and hardware required to remove, salvage, store, and install the bench in the contract unit price bid for “BENCH”.

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLE CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

NOTE SHEETS
PLAN NOTES

DRWN. BY	CHKD. BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	8	1

Estimated Quantities

SPEC	CODE	ITEM DESCRIPTION	UNIT	Mainline: Funding A	TOTAL
103	0100	CONTRACT BOND	L SUM	1	1
201	0330	CLEARING & GRUBBING	L SUM	1	1
202	0114	REMOVAL OF CONCRETE PAVEMENT	SY	129	129
202	0130	REMOVAL OF CURB & GUTTER	LF	214	214
202	0132	REMOVAL OF BITUMINOUS SURFACING	SY	12	12
203	0102	COMMON EXCAVATION-TYPE B	CY	288	288
203	0109	TOPSOIL	CY	904	904
230	0300	SUBGRADE PREPARATION-TYPE A	STA	20	20
251	0300	SEEDING CLASS III	ACRE	0.65	0.65
253	0201	HYDRAULIC MULCH	ACRE	0.65	0.65
261	0112	FIBER ROLLS 12IN	LF	2612	2612
302	0120	AGGREGATE BASE COURSE CL 5	TON	537	537
430	0500	COMMERCIAL GRADE HOT MIX ASPHALT	TON	5	5
702	0100	MOBILIZATION	L SUM	1	1
704	1000	TRAFFIC CONTROL SIGNS	UNIT	696	696
704	1052	TYPE III BARRICADE	EA	19	19
704	1054	SIDEWALK BARRICADE	EA	3	3
704	1060	DELINEATOR DRUMS	EA	83	83
708	1540	INLET PROTECTION-SPECIAL	EA	4	4
708	1541	REMOVE INLET PROTECTION-SPECIAL	EA	4	4
722	6200	ADJUST MANHOLE	EA	3	3
722	6241	ADJUST SPRINKLER SYSTEM	L SUM	1	1
748	0100	CURB & GUTTER	LF	220	220
750	0101	SIDEWALK CONCRETE REINF	SY	51	51
750	0115	SIDEWALK CONCRETE 4IN	SY	2335	2335
750	2115	DETECTABLE WARNING PANELS	SF	285	285
754	0592	RESET SIGN PANEL	EA	10	10
754	0593	RESET SIGN SUPPORT	EA	2	2
762	1106	PVMT MK PAINTED 6IN LINE	LF	99	99
970	0110	HERBICIDE WEED CONTROL	LF	2156	2156
970	0300	BENCH	EA	1	1

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	10	1

SPEC CODE	BID ITEM	QTY	UNIT
203 0102	COMMON EXCAVATION-TYPE B	288	CY
203 0109	TOPSOIL	904	CY
230 0300	SUBGRADE PREPARATION-TYPE A	20	STA
302 0120	AGGREGATE BASE COURSE CL 5	537	TON
430 0500	COMMERCIAL GRADE HOT MIX ASPHALT	5	TON
722 6200	ADJUST MANHOLE	3	EA
750 0101	SIDEWALK CONCRETE REINF	51	SY
750 0115	SIDEWALK CONCRETE 4IN	2,335	SY
970 0110	HERBICIDE WEED CONTROL	2,156	LF

EARTHWORK SUMMARY

Earthwork				Topsoil[2]		
Excavation (CY)	Embankment[1] (CY)	203 0102 Common Excavation - Type B (CY)	Common Excavation - Waste[3] (CY)	203 0109 Topsoil Stripped (CY)	Topsoil Embankment (CY)	Excess Topsoil (CY)
A	B	C = A	D = C - B	E	F	G = F - E
288	286	288	2	904	507	397

[1] Embankment quantities include an additional 35% for shrinkage.
[2] Topsoil quantities based on 6" stripping and 6" spreading. Excess topsoil shall be uniformly spread on the site within the R/W.
[3] Common Excavation-Waste quantity shall be spread uniformly on the site within the R/W.

722 6200 ADJUST MANHOLE

Station	Offset	Alignment	Existing Rim Elev	Proposed Rim Elev	Elev Adj (IN)	Quantity (EA)
WINTER SHOW ROAD						
102+75.85	5.41' LT	PR__Wintershow__SUP	1333.40	1332.97	-5.16	1
103+27.31	9.82' LT	PR__Wintershow__SUP	1337.19	1337.09	-1.20	1
105+95.49	4.99' LT	PR__Wintershow__SUP	1338.00	1338.03	0.36	1
					TOTAL =	3

230 0300 SUBGRADE PREPARATION-TYPE A

Alignment	Begin Station	End Station	Basis	Quantity (STA)
PR__Wintershow__SUP	100+50.60	101+35.88	100 LF/Station	0.9
	102+02.28	103+28.22		1.3
	103+93.47	105+31.95		1.4
	105+85.66	107+65.64		1.8
	108+45.39	117+89.06		9.4
	118+38.59	119+08.75		0.7
	119+56.07	121+26.47		1.7
PR__2ndAve__SUP	200+13.00	203+08.78		3.0
			TOTAL =	20.2

COMMERCIAL GRADE HOT MIX ASPHALT SUMMARY

Alignment	Begin Station	End Station	Thickness	Area (Plan)	430 0500 Commerical Grade Hot Mix Asphalt
			(IN)	(SF)	(TON)
PR__Wintershow__SUP	107+73.84	107+85.76	7.0	45.80	2
	108+25.86	108+36.28		37.48	2
	121+38.17	121+38.81		28.03	1
				TOTAL =	5

PAVING SUMMARY

Alignment	Begin Station	End Station	Length	Area Aggregate Base Course CL 5 (Cross Section)	Area Sidewalk Concrete Reinf (Plan)	Area Sidewalk Concrete 4IN (Plan)	302 0120 Aggregate Base Course CL 5	750 0101 Sidewalk Concrete Reinf	750 0115 Sidewalk Concrete 4IN	970 0110 Herbicide Weed Control
			(LF)	(SF)	(SF)	(SF)	(TON)	(SY)	(SY)	(LF)
PR__Wintershow__SUP	100+34.71	100+43.71	9.0	3.67	151.30	0.00	2	17	0	9
	100+43.71	101+45.67	102.0		0.00	1,077.35	26	0	120	102
	101+92.07	102+70.87	78.8		0.00	849.13	20	0	94	79
	102+70.87	102+80.87	10.0		100.00	0.00	3	11	0	10
	102+80.87	103+23.01	42.1		0.00	421.45	11	0	47	42
	103+23.01	103+38.01	15.0		206.83	0.00	4	23	0	15
	103+83.26	105+41.74	158.5		0.00	1,651.30	40	0	183	159
	105+75.45	107+75.43	200.0		0.00	2,080.02	51	0	231	200
	108+35.77	118+00.58	964.8		0.00	9,715.89	246	0	1,080	965
	118+28.33	119+18.54	90.2		0.00	931.93	23	0	104	90
	119+45.75	121+36.26	190.5		0.00	1,942.46	49	0	216	191
PR__2ndAve__SUP	200+13.00	203+08.35	295.3	3.00	0.00	2,338.21	62	0	260	295
						TOTAL =	537	51	2,335	2,156

MATERIALS

AGGREGATE BASE COURSE CL 5 @ 1.875 TON/CY

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

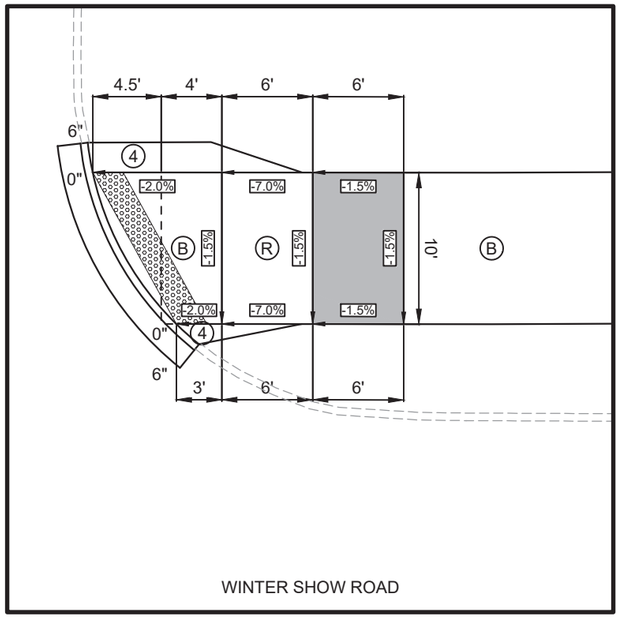
TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

BASIS OF ESTIMATE

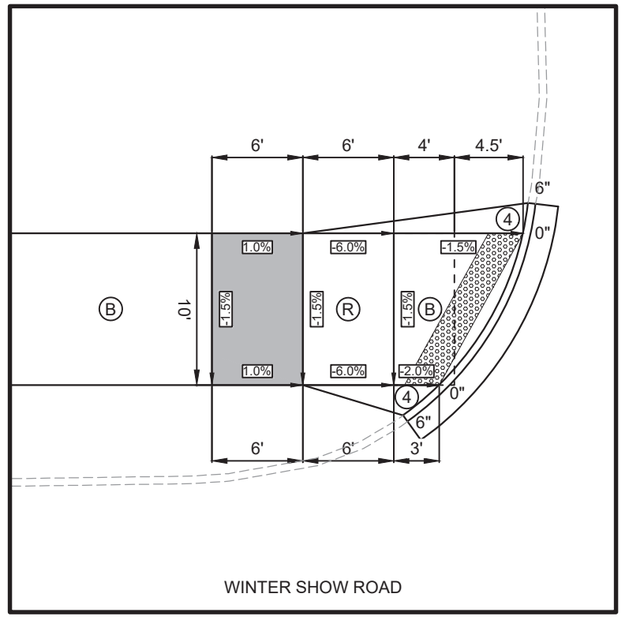
DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	20	1



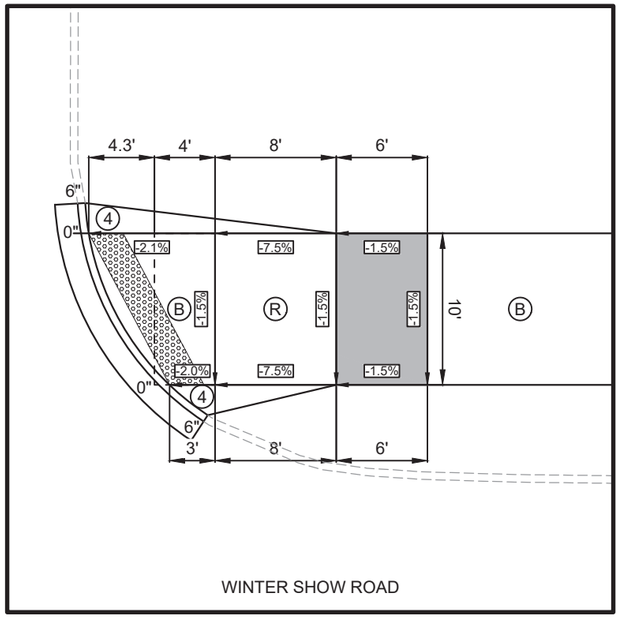
EAST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 100+35



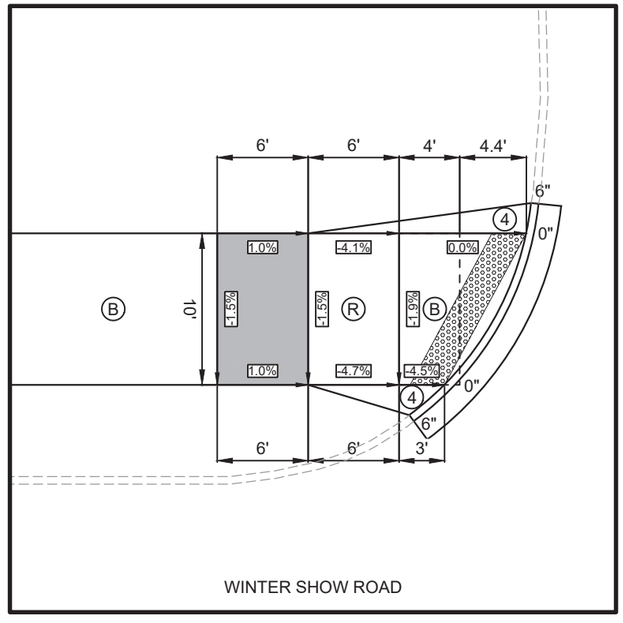
WEST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 101+46

LEGEND

- DETECTABLE WARNING PANEL
- LANDING
  1.5% PREFERRED SLOPE
  2% MAXIMUM SLOPE ALL DIRECTIONS
- 4' LONG X WIDTH OF EPF OR 4' MIN
  1.5% PREFERRED CROSS SLOPE
  2% MAXIMUM CROSS SLOPE
  4.7% PREFERRED RUNNING AND COUNTER SLOPE
  5% MAXIMUM RUNNING AND COUNTER SLOPE
- (TS) TURNING SPACE
  USE AT TOP OF RAMP OR WHEN CHANGING DIRECTIONS
  1.5% PREFERRED SLOPE (2% MAXIMUM) ALL DIRECTIONS
- (R) PREFERRED RAMP GRAD = 5% TO 7.5%
  MAXIMUM CONSTRUCTED GRADE = 8.3%
  PREFERRED CROSS SLOPE = 1.5%
  MAXIMUM CONSTRUCTED CROSS SLOPE = 2%
- (B) 1.5% PREFERRED CROSS SLOPE
  2% MAXIMUM CROSS SLOPE
  RUNNING SLOPE CONSISTENT WITH THE EPF
  4.7% PREFERRED MAX COUNTER SLOPE
  5.0% MAX CONSTRUCTED COUNTER SLOPE
- (4) 4:1 MAXIMUM CONSTRUCTED SLOPE



EAST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 101+92



WEST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 103+38

NOTES:
1. ATTAIN ENGINEER APPROVAL ON FORM GRADES PRIOR TO PLACING CONCRETE.
2. DIMENSIONS SHOWN MAY VARY FROM ACTUAL. FIELD ADJUST IF MAXIMUM SLOPES CANNOT MEET DIMENSIONS GIVEN.

5 0 5 10
scale 1"=10' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

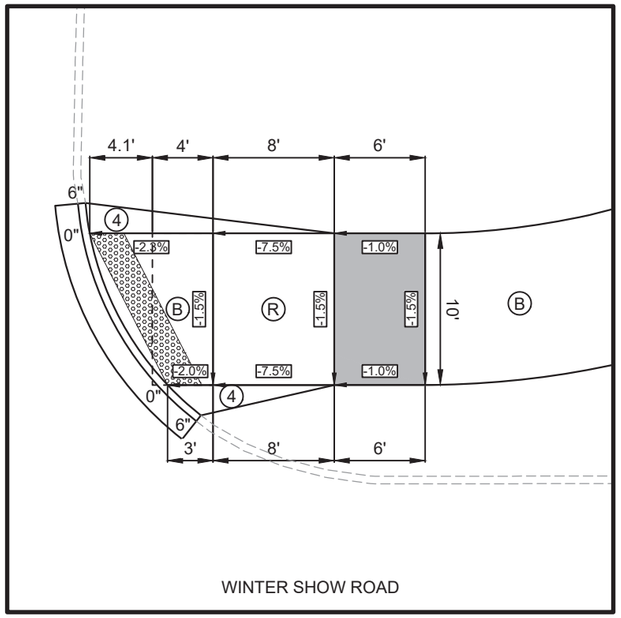
GENERAL DETAILS ADA RAMPS

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

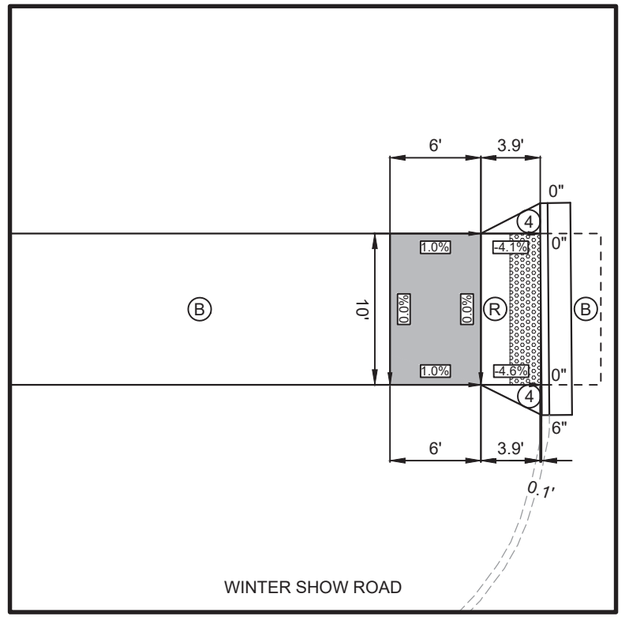
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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	20	2



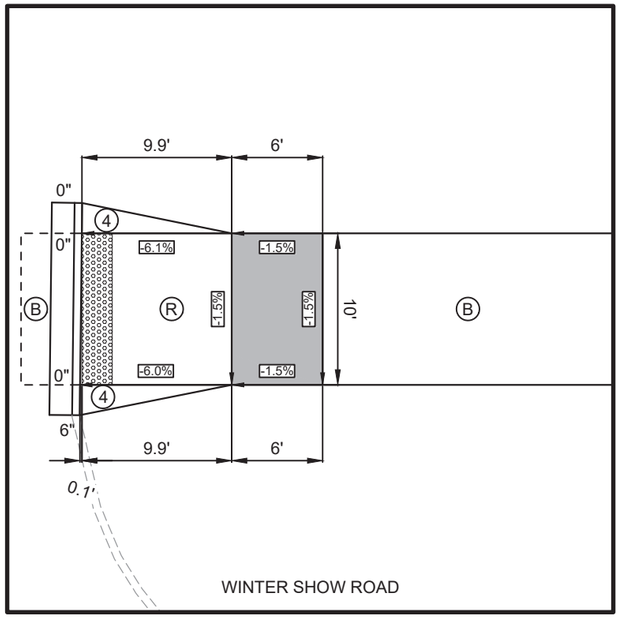
EAST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 103+83



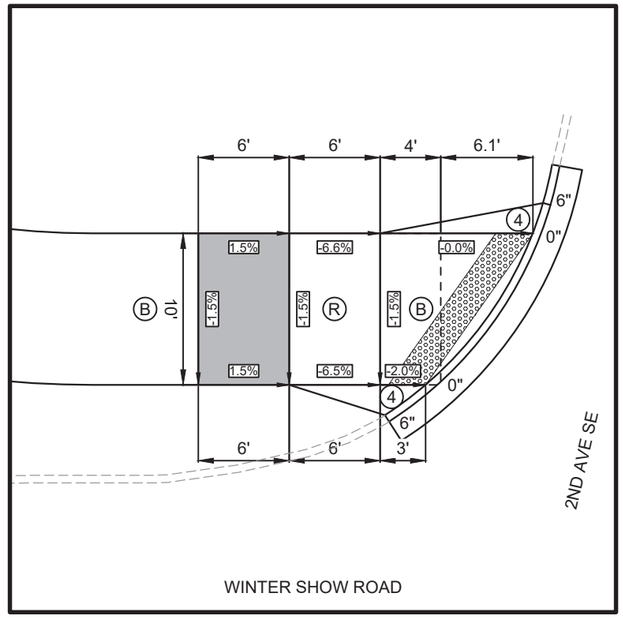
WEST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 105+38

LEGEND

- DETECTABLE WARNING PANEL
- LANDING
  1.5% PREFERRED SLOPE
  2% MAXIMUM SLOPE ALL DIRECTIONS
- 4' LONG X WIDTH OF EPF OR 4' MIN
  1.5% PREFERRED CROSS SLOPE
  2% MAXIMUM CROSS SLOPE
  4.7% PREFERRED RUNNING AND COUNTER SLOPE
  5% MAXIMUM RUNNING AND COUNTER SLOPE
- (TS) TURNING SPACE
  USE AT TOP OF RAMP OR WHEN CHANGING DIRECTIONS
  1.5% PREFERRED SLOPE (2% MAXIMUM) ALL DIRECTIONS
- (R) PREFERRED RAMP GRAD = 5% TO 7.5%
  MAXIMUM CONSTRUCTED GRADE = 8.3%
  PREFERRED CROSS SLOPE = 1.5%
  MAXIMUM CONSTRUCTED CROSS SLOPE = 2%
- (B) 1.5% PREFERRED CROSS SLOPE
  2% MAXIMUM CROSS SLOPE
  RUNNING SLOPE CONSISTENT WITH THE EPF
  4.7% PREFERRED MAX COUNTER SLOPE
  5.0% MAX CONSTRUCTED COUNTER SLOPE
- (4) 4:1 MAXIMUM CONSTRUCTED SLOPE



EAST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 105+75



WEST RAMP
2ND AVE SE & WINTER SHOW ROAD STA. 107+75

NOTES:
1. ATTAIN ENGINEER APPROVAL ON FORM GRADES PRIOR TO PLACING CONCRETE.
2. DIMENSIONS SHOWN MAY VARY FROM ACTUAL. FIELD ADJUST IF MAXIMUM SLOPES CANNOT MEET DIMENSIONS GIVEN.

5 0 5 10
scale 1"=10' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

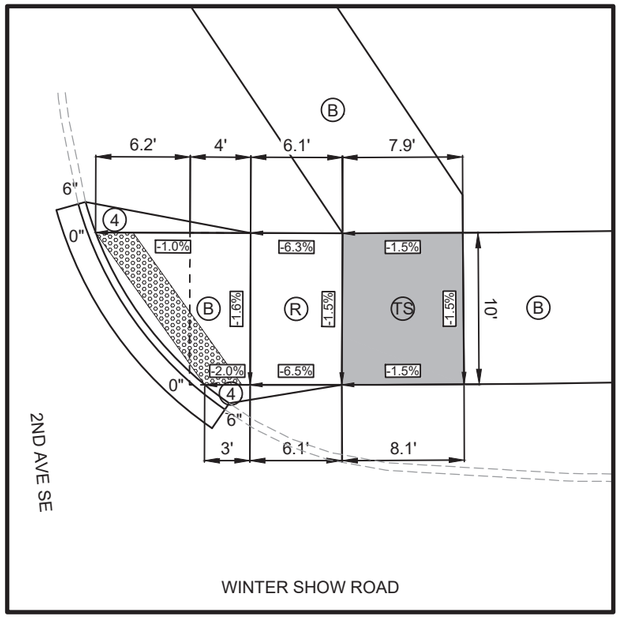
GENERAL DETAILS ADA RAMPS

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

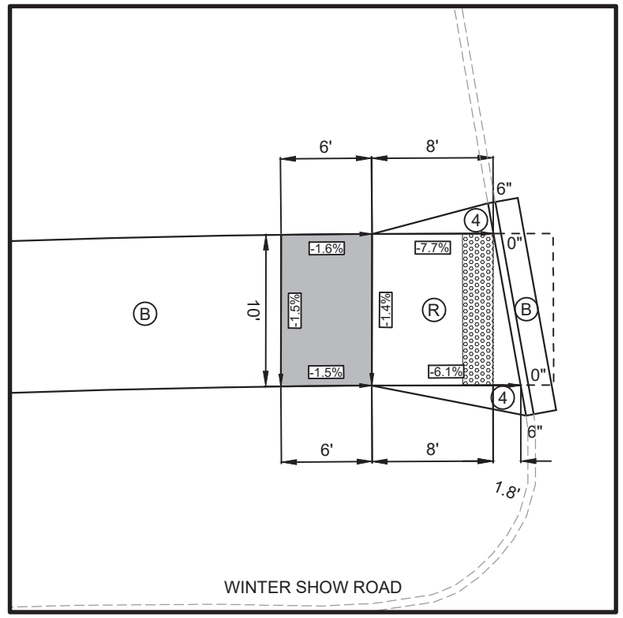
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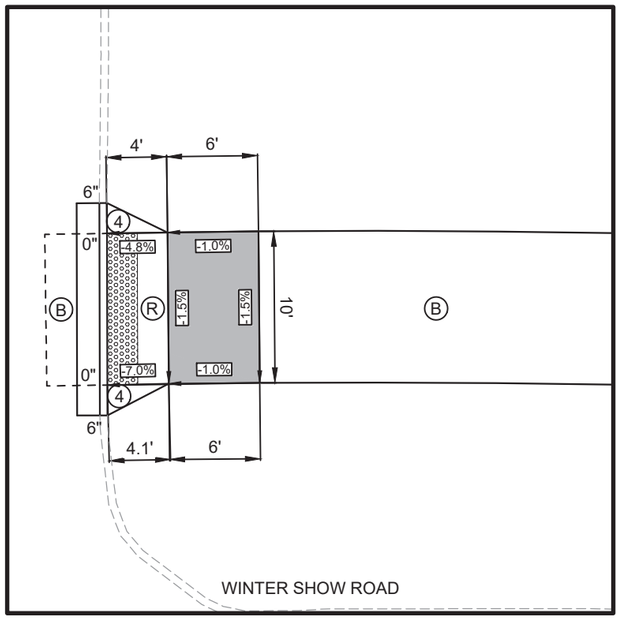
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	ND	TAU-2-990(070)	20	3



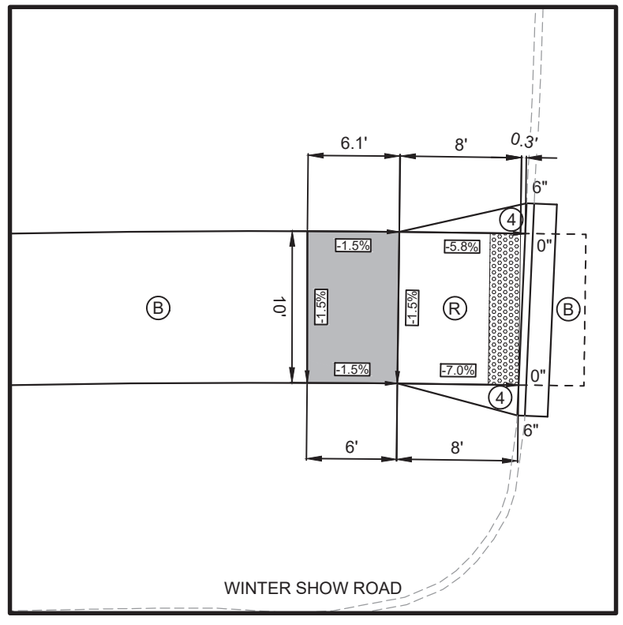
EAST RAMP
2ND AVE SE & WINTER SHOW ROAD STA. 108+36



WEST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 118+01



EAST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 118+28



WEST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 119+19

LEGEND

DETECTABLE WARNING PANEL

LANDING
1.5% PREFERRED SLOPE
2% MAXIMUM SLOPE ALL DIRECTIONS

4' LONG X WIDTH OF EPF OR 4' MIN
1.5% PREFERRED CROSS SLOPE
2% MAXIMUM CROSS SLOPE
4.7% PREFERRED RUNNING AND COUNTER SLOPE
5% MAXIMUM RUNNING AND COUNTER SLOPE

(TS) TURNING SPACE
USE AT TOP OF RAMP OR WHEN CHANGING DIRECTIONS
1.5% PREFERRED SLOPE (2% MAXIMUM) ALL DIRECTIONS

(R) PREFERRED RAMP GRAD = 5% TO 7.5%
MAXIMUM CONSTRUCTED GRADE = 8.3%
PREFERRED CROSS SLOPE = 1.5%
MAXIMUM CONSTRUCTED CROSS SLOPE = 2%

(B) 1.5% PREFERRED CROSS SLOPE
2% MAXIMUM CROSS SLOPE
RUNNING SLOPE CONSISTENT WITH THE EPF
4.7% PREFERRED MAX COUNTER SLOPE
5.0% MAX CONSTRUCTED COUNTER SLOPE

(4) 4:1 MAXIMUM CONSTRUCTED SLOPE

NOTES:
1. ATTAIN ENGINEER APPROVAL ON FORM GRADES PRIOR TO PLACING CONCRETE.
2. DIMENSIONS SHOWN MAY VARY FROM ACTUAL. FIELD ADJUST IF MAXIMUM SLOPES CANNOT MEET DIMENSIONS GIVEN.

5 0 5 10
scale 1"=10' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

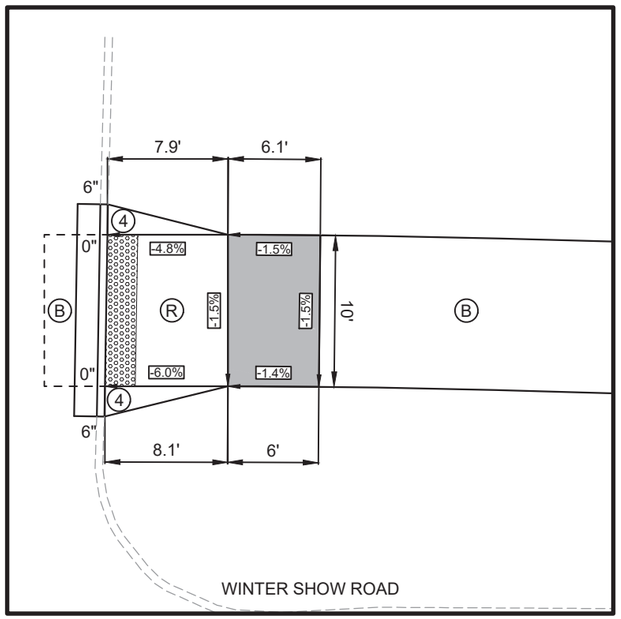
GENERAL DETAILS ADA RAMPS

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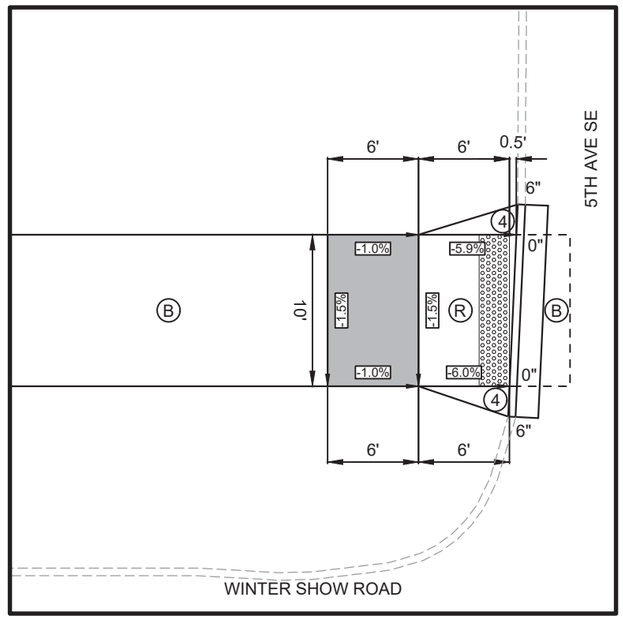
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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	20	4



EAST RAMP
BUSINESS ACCESS & WINTER SHOW ROAD STA. 119+46



WEST RAMP
5TH AVE SE & WINTER SHOW ROAD STA. 121+36

LEGEND

DETECTABLE WARNING PANEL

LANDING
1.5% PREFERRED SLOPE
2% MAXIMUM SLOPE ALL DIRECTIONS

4' LONG X WIDTH OF EPF OR 4' MIN
1.5% PREFERRED CROSS SLOPE
2% MAXIMUM CROSS SLOPE
4.7% PREFERRED RUNNING AND COUNTER SLOPE
5% MAXIMUM RUNNING AND COUNTER SLOPE

(TS) TURNING SPACE
USE AT TOP OF RAMP OR WHEN CHANGING DIRECTIONS
1.5% PREFERRED SLOPE (2% MAXIMUM) ALL DIRECTIONS

(R) PREFERRED RAMP GRAD = 5% TO 7.5%
MAXIMUM CONSTRUCTED GRADE = 8.3%
PREFERRED CROSS SLOPE = 1.5%
MAXIMUM CONSTRUCTED CROSS SLOPE = 2%

(B) 1.5% PREFERRED CROSS SLOPE
2% MAXIMUM CROSS SLOPE
RUNNING SLOPE CONSISTENT WITH THE EPF
4.7% PREFERRED MAX COUNTER SLOPE
5.0% MAX CONSTRUCTED COUNTER SLOPE

(4) 4:1 MAXIMUM CONSTRUCTED SLOPE

NOTES:
1. ATTAIN ENGINEER APPROVAL ON FORM GRADES PRIOR TO PLACING CONCRETE.
2. DIMENSIONS SHOWN MAY VARY FROM ACTUAL. FIELD ADJUST IF MAXIMUM SLOPES CANNOT MEET DIMENSIONS GIVEN.

5 0 5 10
scale 1"=10' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

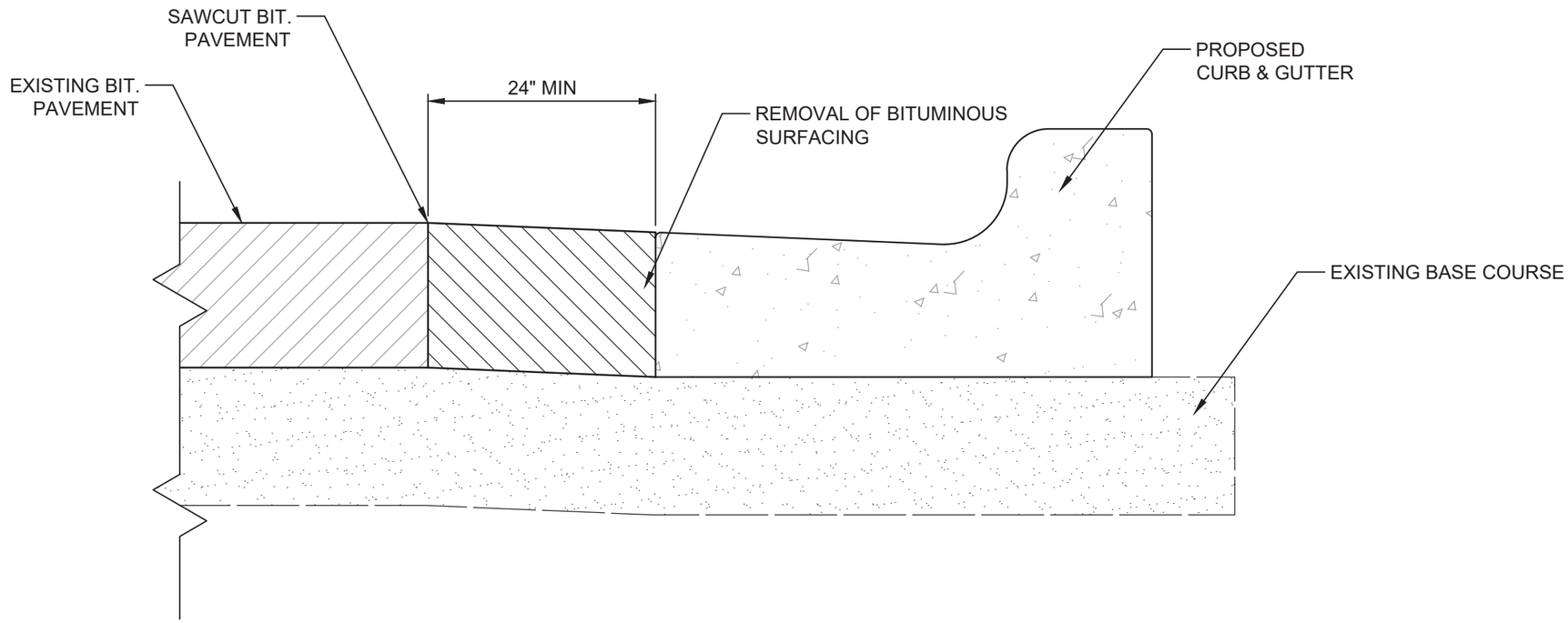
GENERAL DETAILS
ADA RAMPS

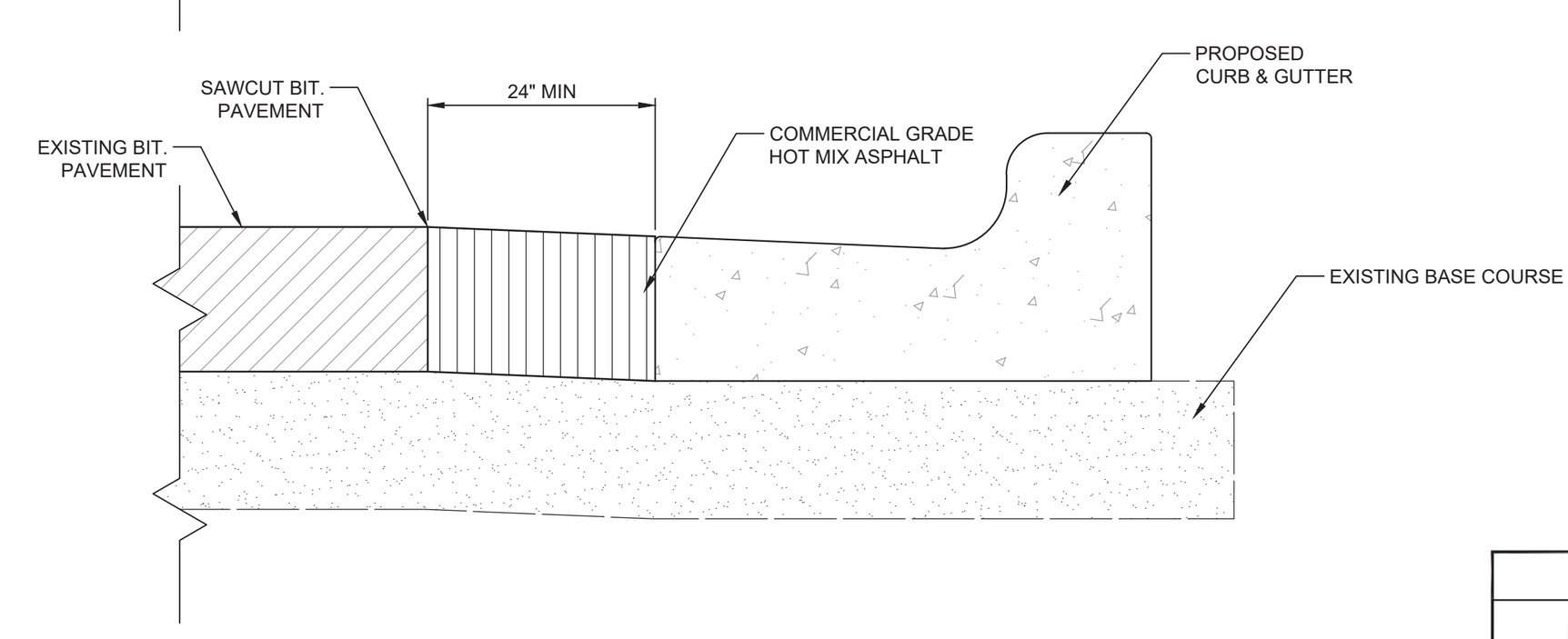
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ACG	TJH	2504-00702

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	20	5





NOTES:

1. THE ASSUMED THICKNESS OF THE EXISTING BITUMINOUS PAVEMENT IS 7".

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VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

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GENERAL DETAILS
HMA SAWCUT DETAIL

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ACG	TJH	2504-00702

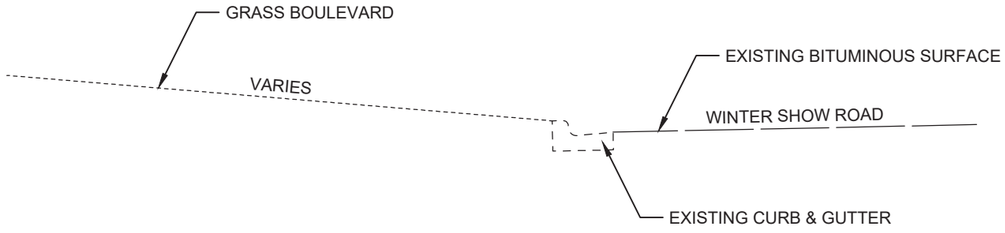
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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	30	1



EXISTING TYPICAL SECTION NO. 1
STA. 200+13.00 TO STA. 203+08.35



EXISTING TYPICAL SECTION NO. 2
STA. 100+27.85 TO STA. 121+38.47

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
CITY OF VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

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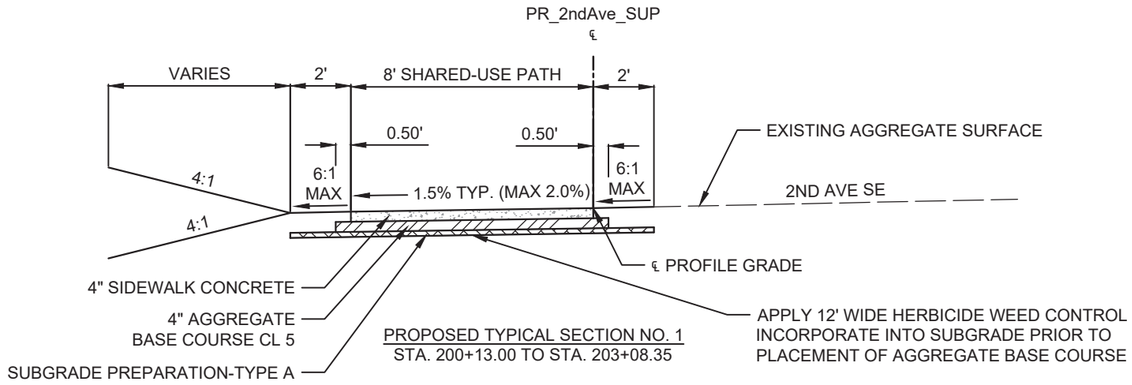
TYPICAL SECTIONS
EXISTING TYPICALS

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

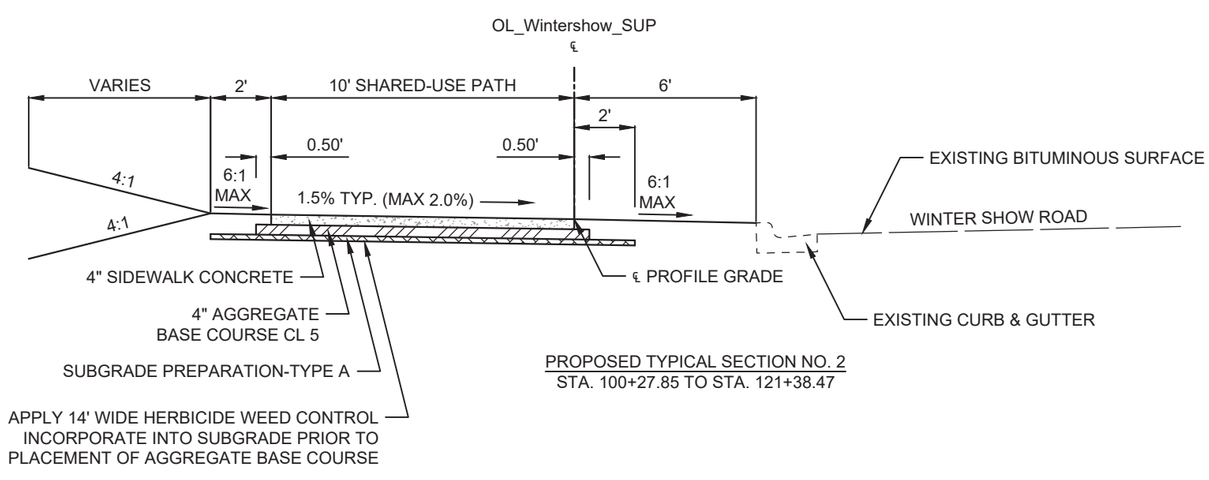
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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	30	2



PROPOSED TYPICAL SECTION NO. 1
STA. 200+13.00 TO STA. 203+08.35



PROPOSED TYPICAL SECTION NO. 2
STA. 100+27.85 TO STA. 121+38.47

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
CITY OF VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

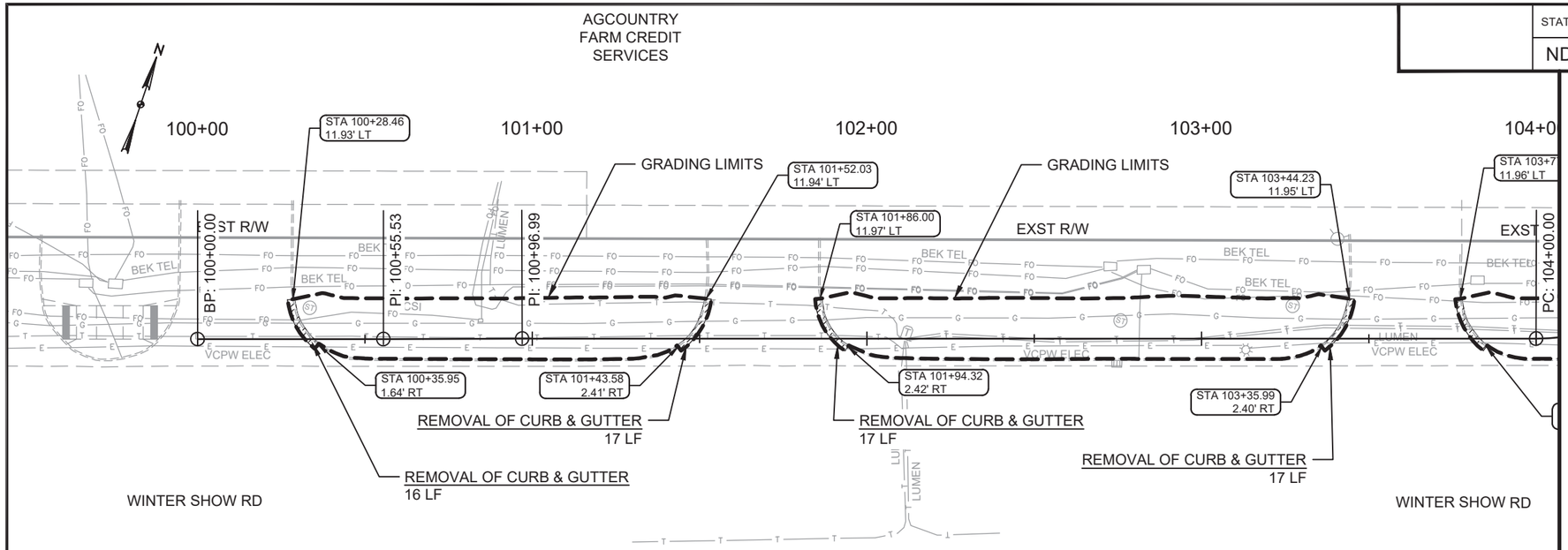
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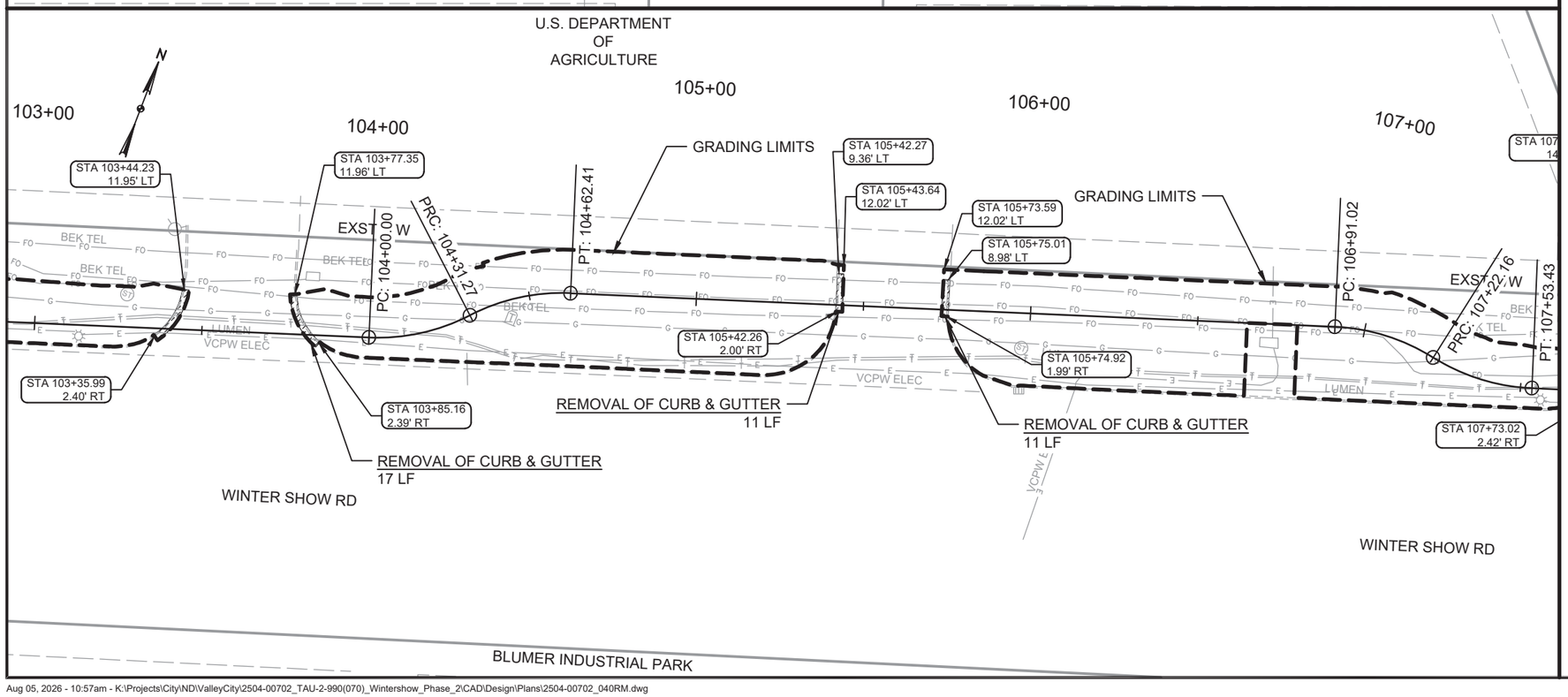
TYPICAL SECTIONS
PROPOSED TYPICALS

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	40	1





SPEC CODE	BID ITEM	QTY	UNIT
202 0130	REMOVAL OF CURB & GUTTER		
	Top View	67	LF
	Bottom View	39	LF
		106	LF

REMOVAL OF CONCRETE PAVEMENT

REMOVAL OF BITUMINOUS SURFACING

REMOVAL OF CURB & GUTTER

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD J. HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

REMOVALS STA. 100+00 TO 107+00

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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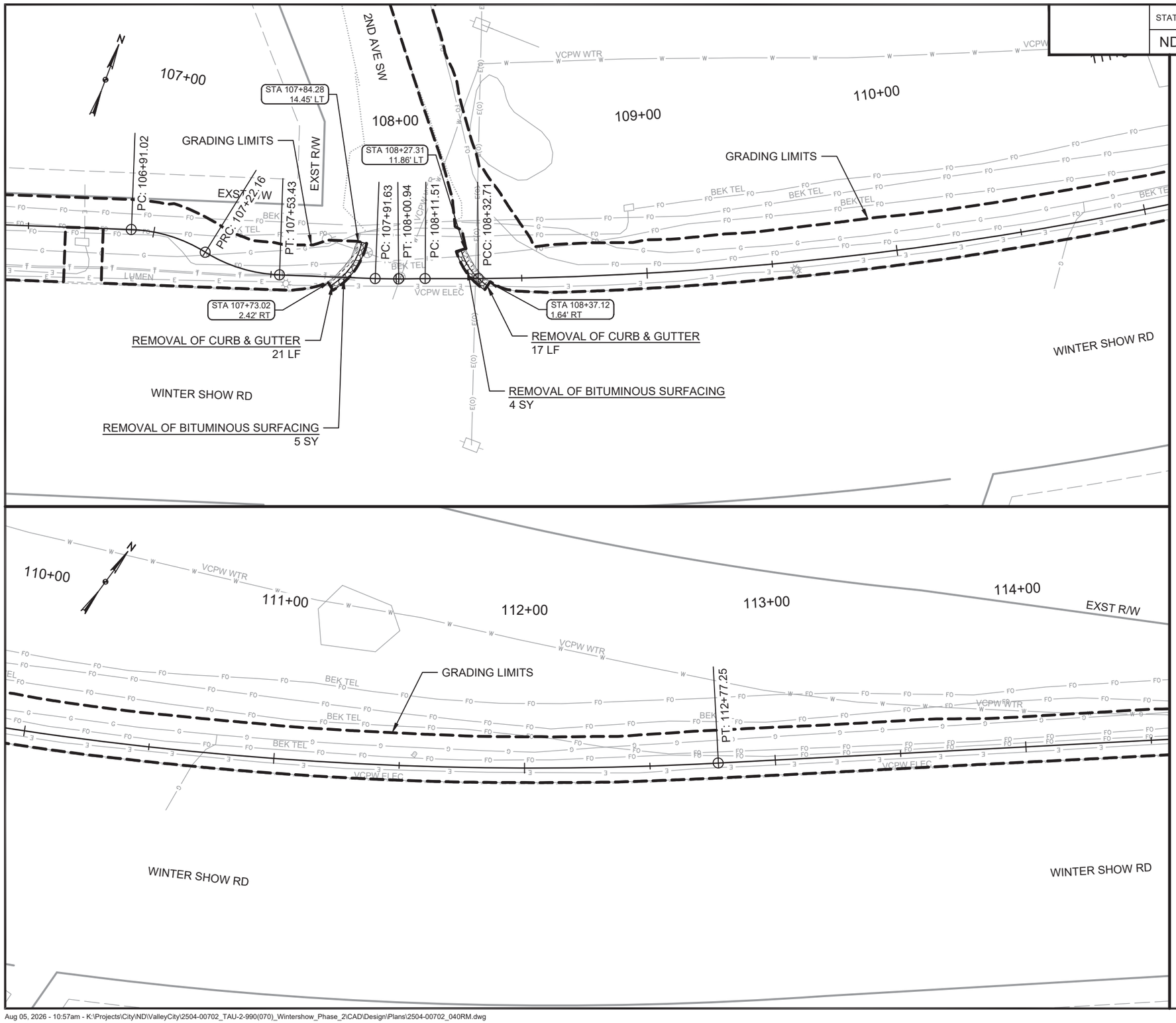
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	40	2

SPEC CODE	BID ITEM	QTY	UNIT
202 0130	REMOVAL OF CURB & GUTTER		
	Top View	38	LF
202 0132	REMOVAL OF BITUMINOUS SURFACING		
	Top View	9	SY

REMOVAL OF CONCRETE PAVEMENT

REMOVAL OF BITUMINOUS SURFACING

REMOVAL OF CURB & GUTTER



20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

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REMOVALS
STA. 107+00 TO 114+00

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	40	3

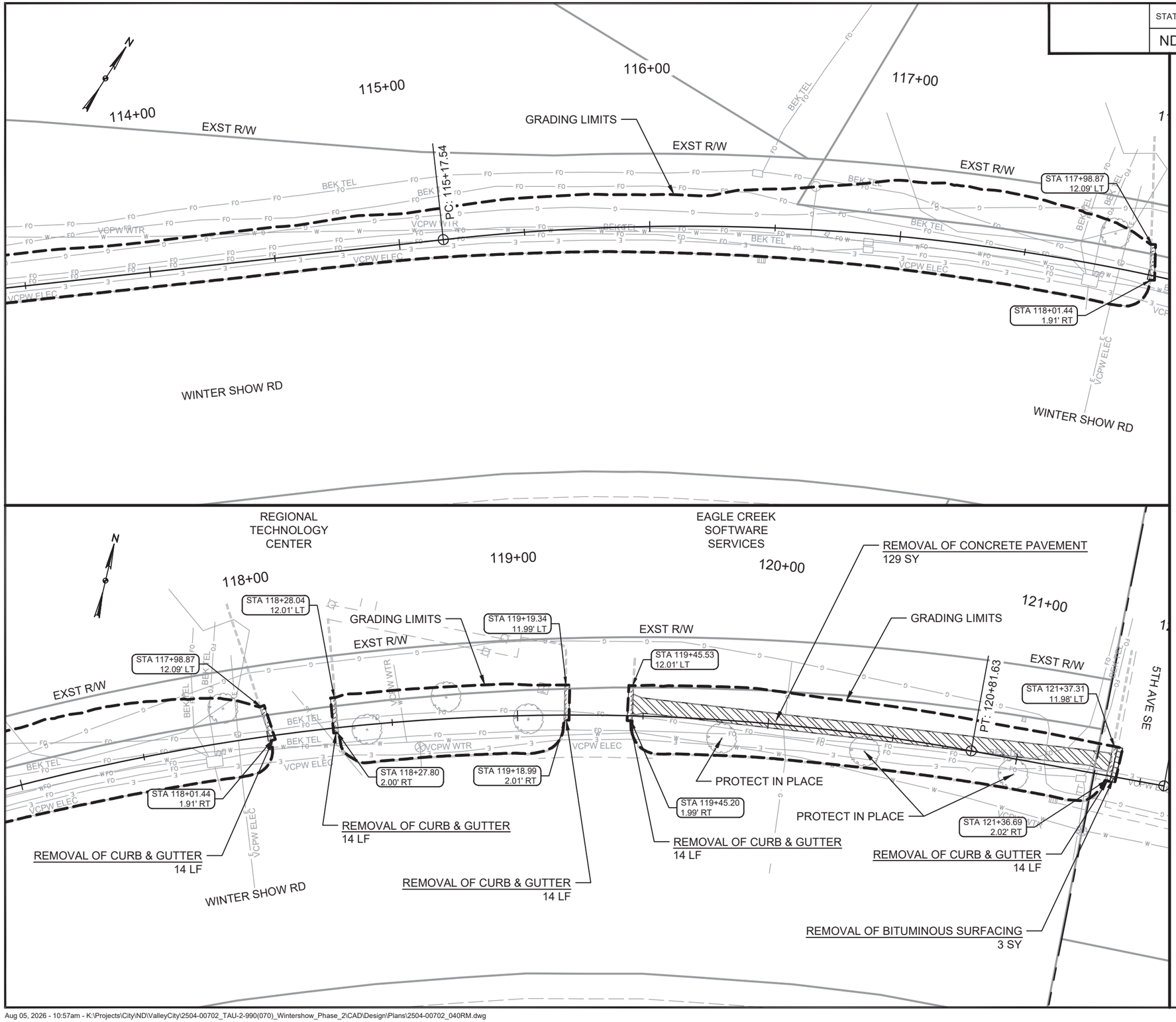
SPEC CODE	BID ITEM	QTY	UNIT
202 0114	REMOVAL OF CONCRETE PAVEMENT Bttom View	129	SY
202 0130	REMOVAL OF CURB & GUTTER Bottom View	70	LF
202 0132	REMOVAL OF BITUMINOUS SURFACING Bottom View	3	SY

REMOVAL OF CONCRETE PAVEMENT

REMOVAL OF BITUMINOUS SURFACING

REMOVAL OF CURB & GUTTER

scale 20 0 20 40 feet 1"=40'



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TODD HUMMEL
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DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

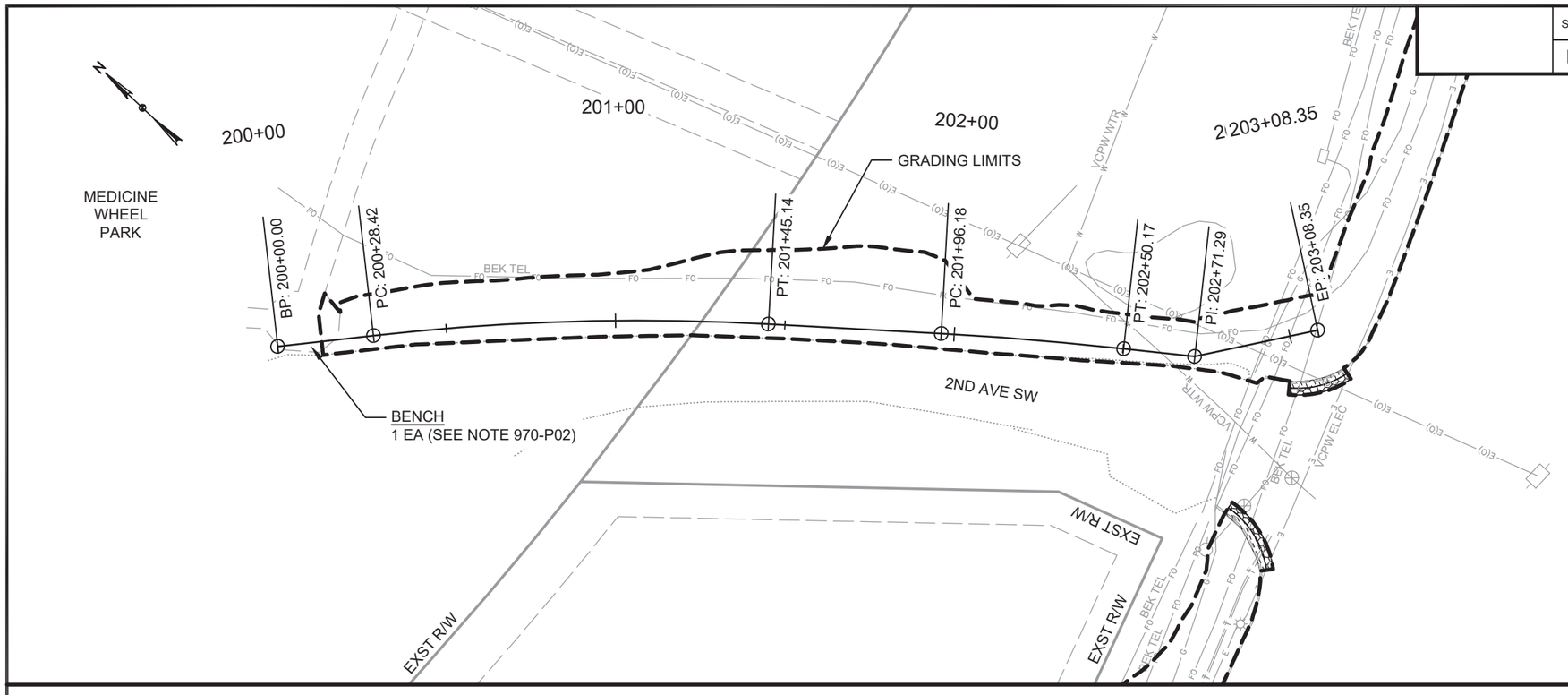
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REMOVALS
STA. 114+00 TO 121+40

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	40	4

SPEC CODE	BID ITEM	QTY	UNIT
970 0300	BENCH Top View	1	EA

REMOVAL OF CONCRETE PAVEMENT

REMOVAL OF BITUMINOUS SURFACING

REMOVAL OF CURB & GUTTER

BOTTOM VIEW INTENTIONALLY LEFT BLANK

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

REMOVALS
STA. 200+00 TO 203+08.35

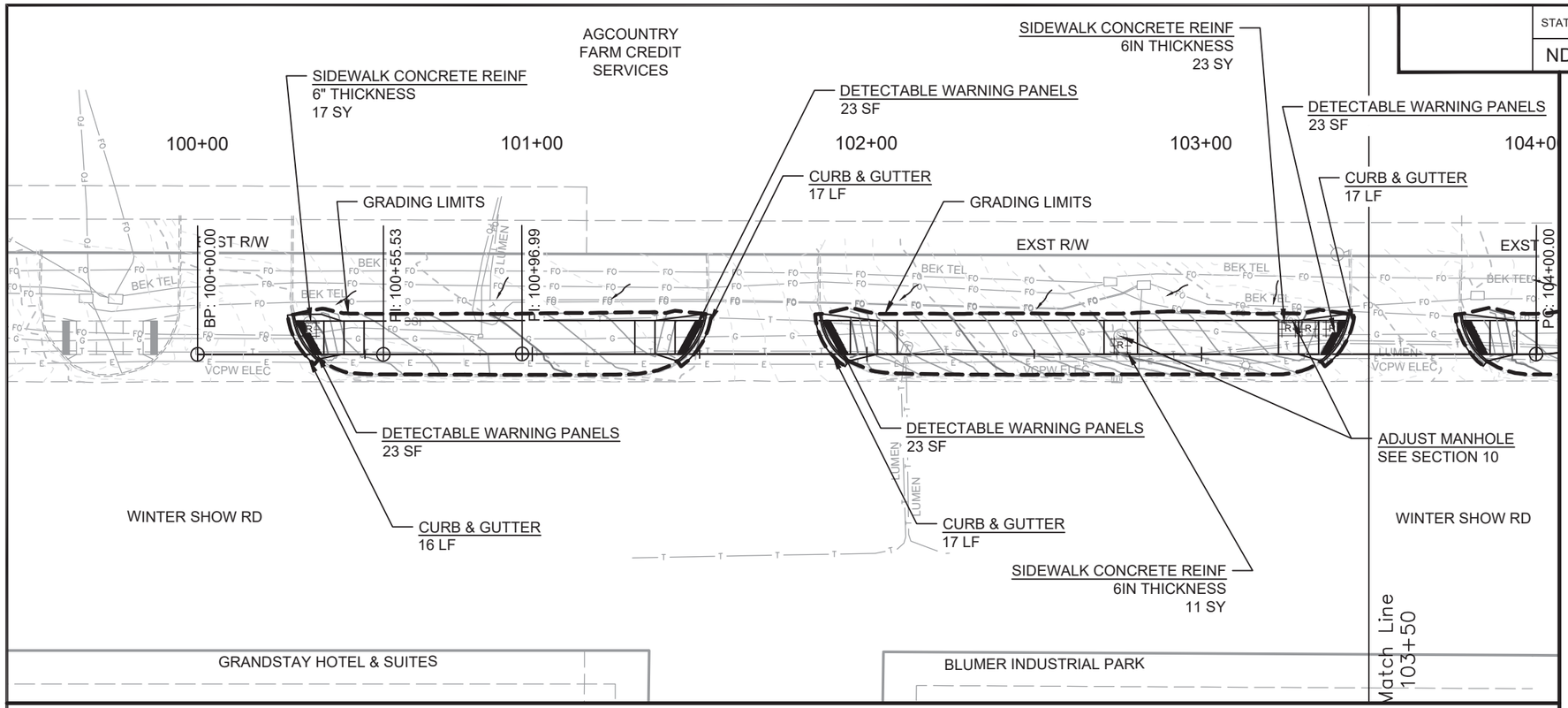
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ACG	TJH	2504-00702

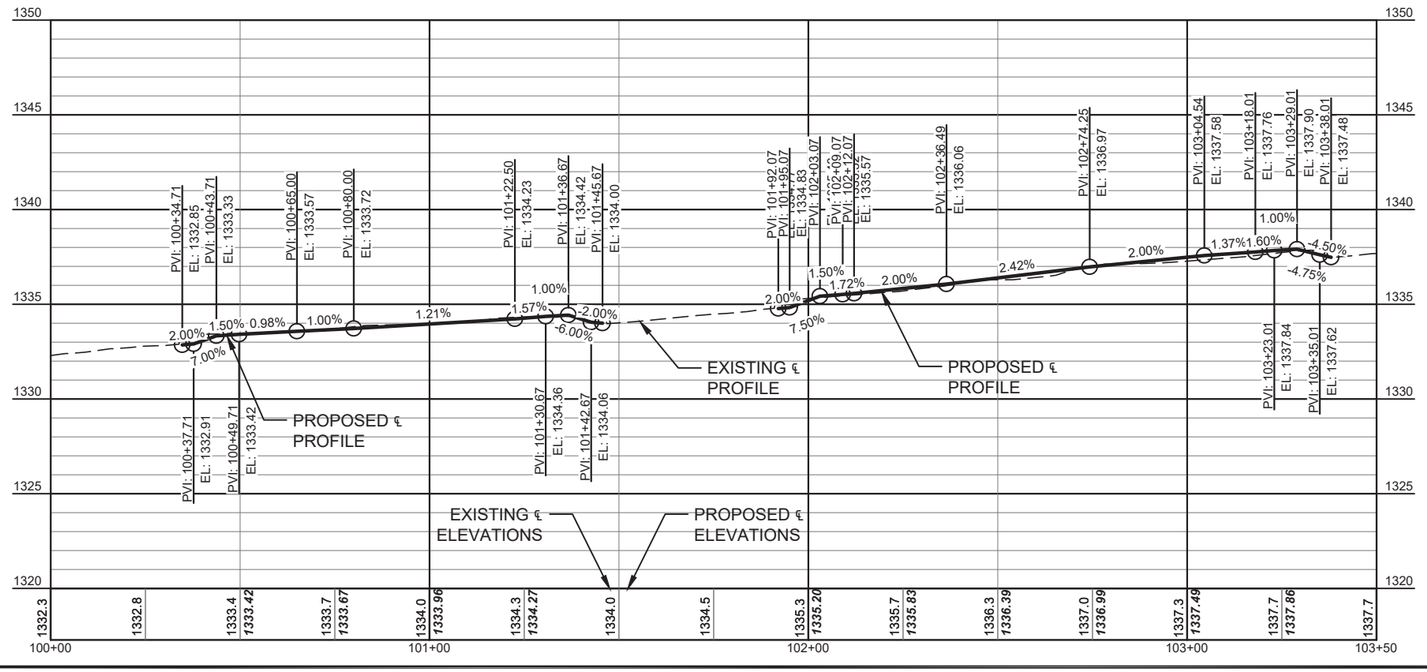
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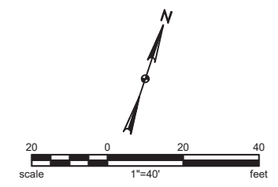
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	60	1

SPEC CODE	BID ITEM	QTY	UNIT
748 0100	CURB & GUTTER	67	LF
750 2115	DETECTABLE WARNING PANELS	92	SF







REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

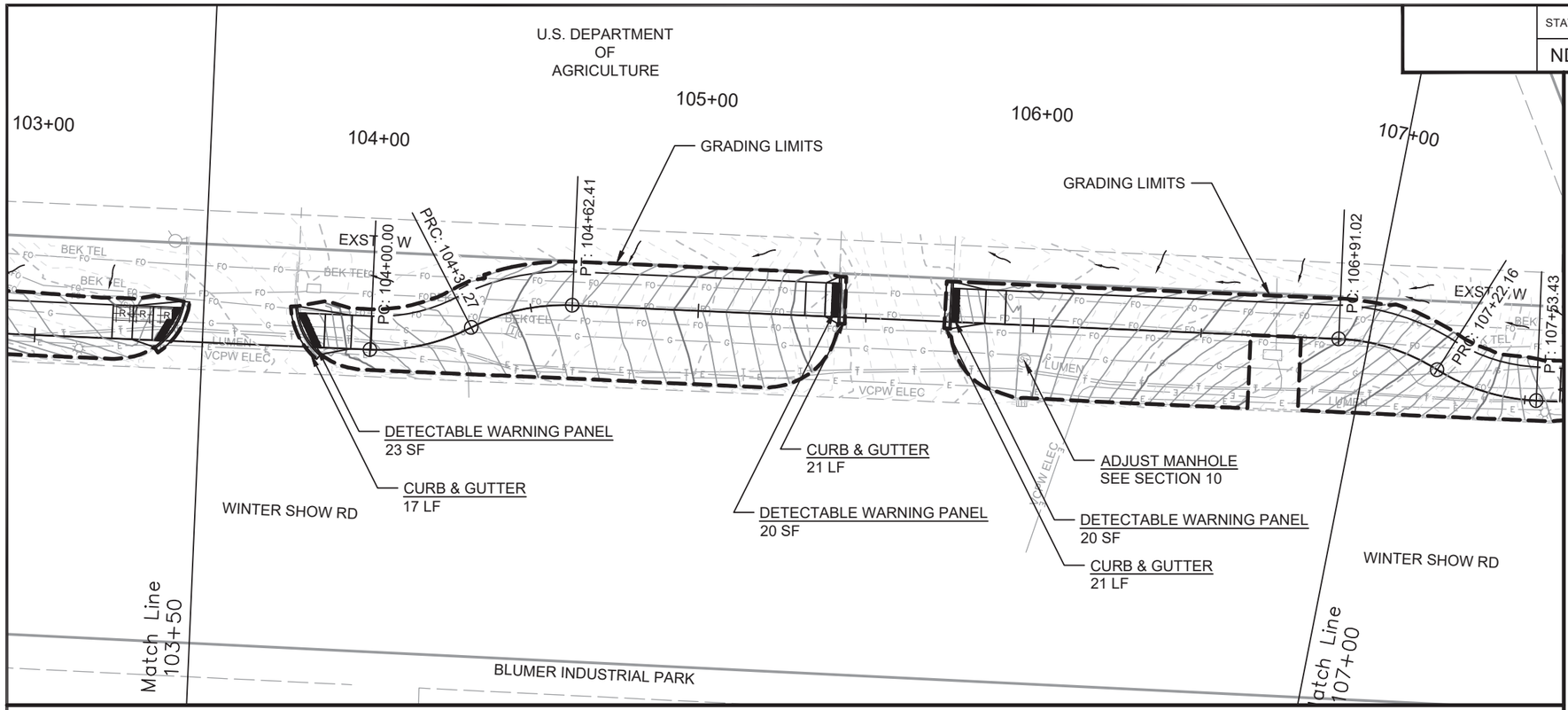
PLAN & PROFILE
STA. 100+00 TO 103+50

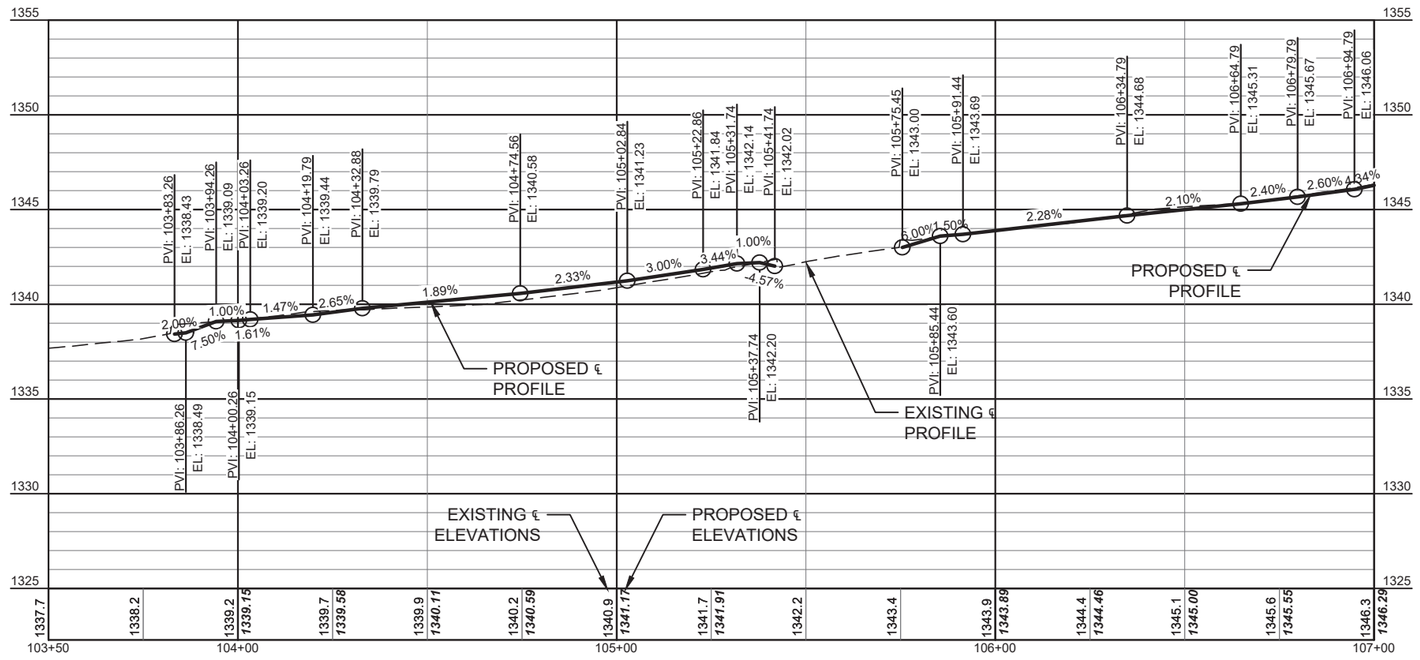
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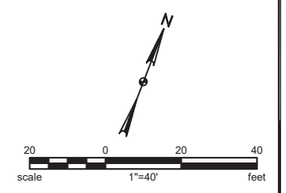
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	60	2





SPEC CODE	BID ITEM	QTY	UNIT
748 0100	CURB & GUTTER	59	LF
750 2115	DETECTABLE WARNING PANELS	63	SF





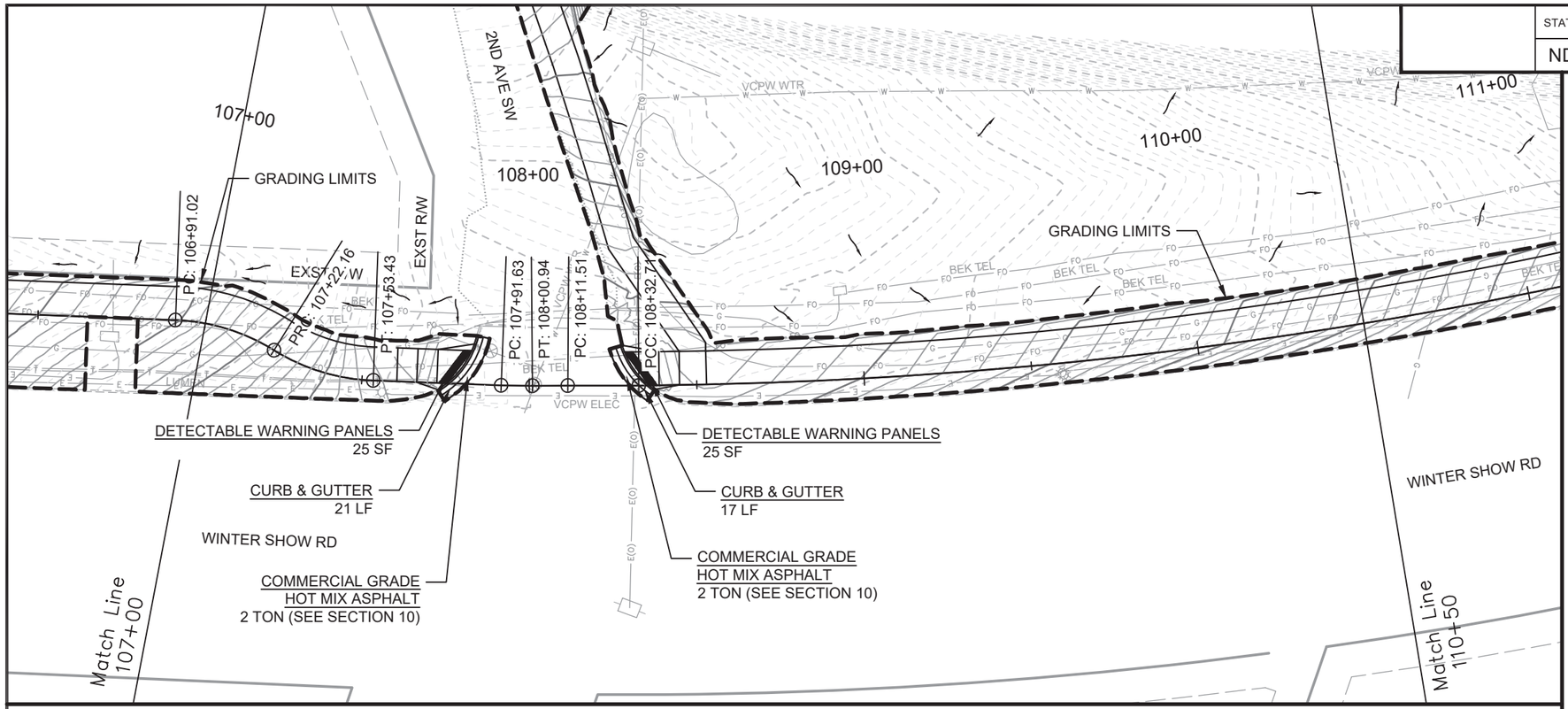
TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

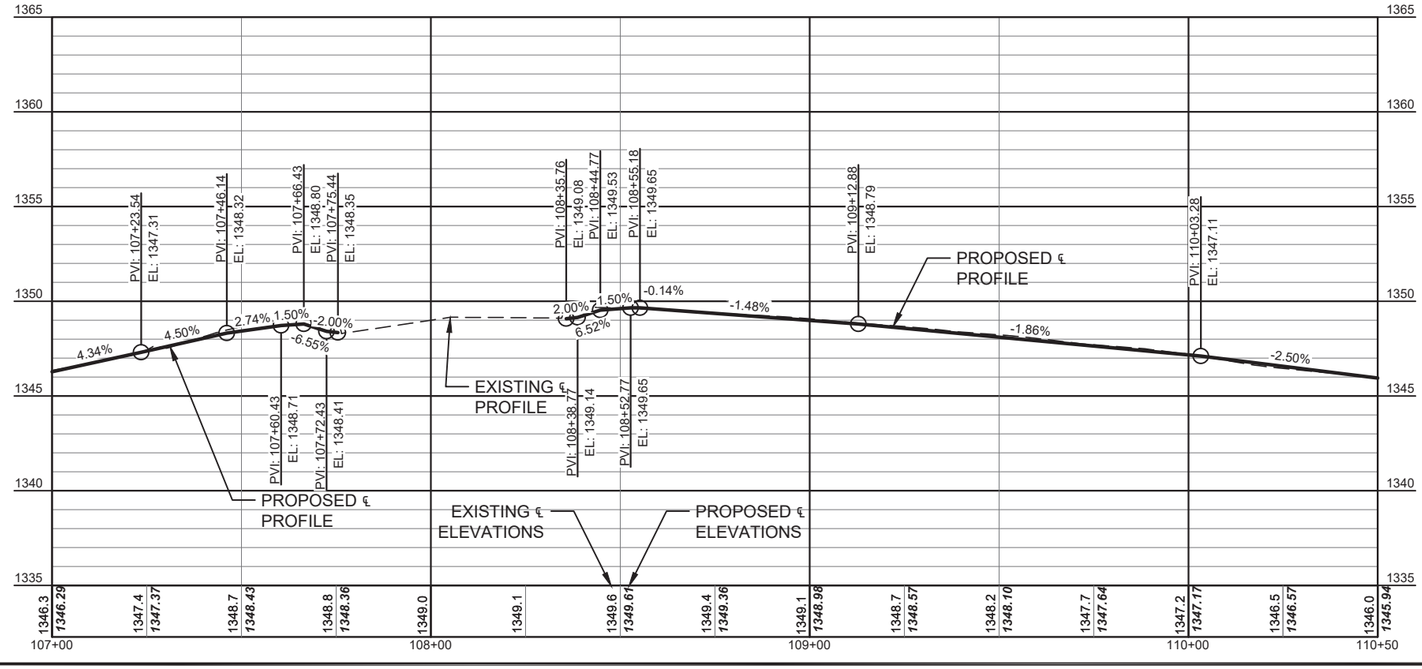
PLAN & PROFILE
STA. 103+50 TO 107+00

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

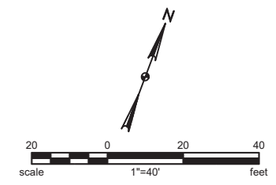
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	60	3





SPEC CODE	BID ITEM	QTY	UNIT
748 0100	CURB & GUTTER	38	LF
750 2115	DETECTABLE WARNING PANELS	50	SF





TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

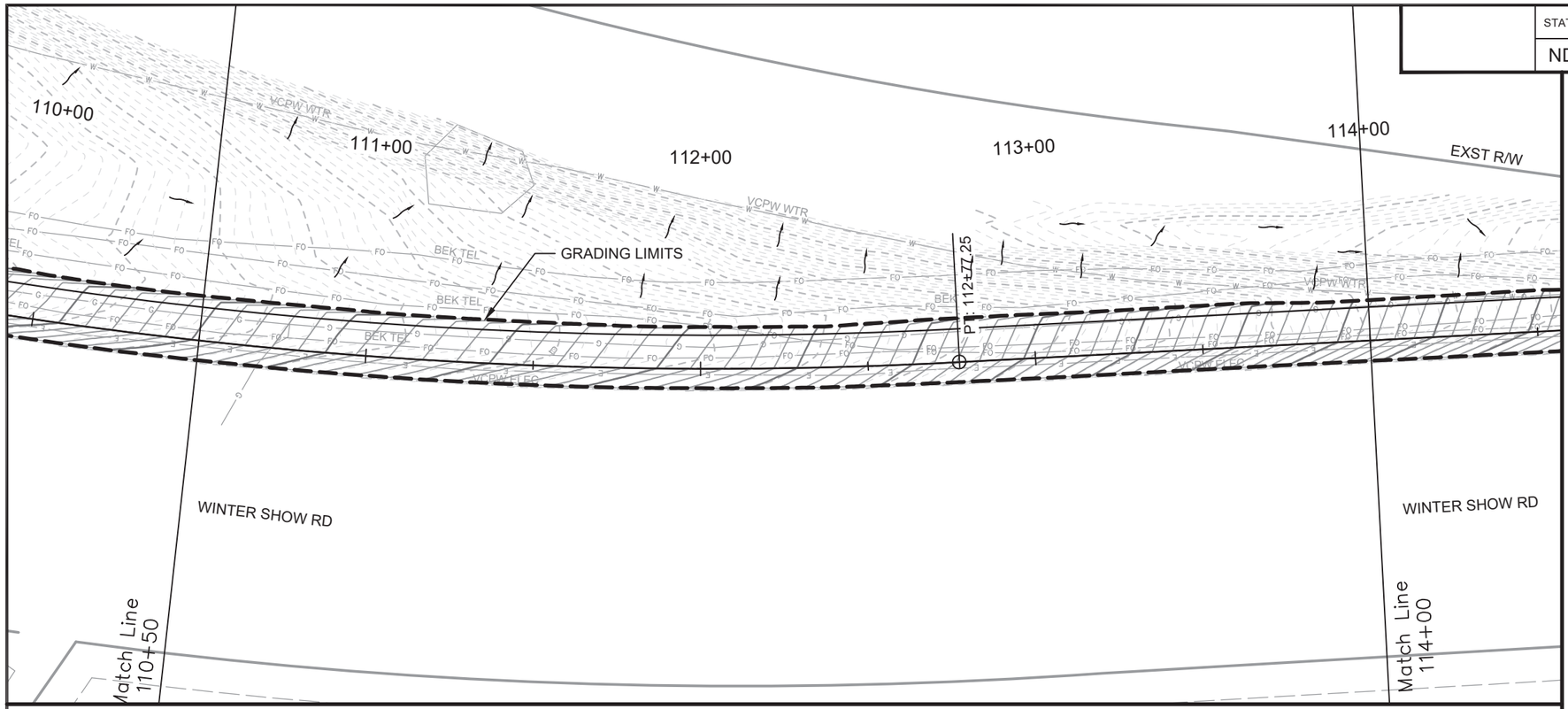
PLAN & PROFILE
STA. 107+00 TO 110+50

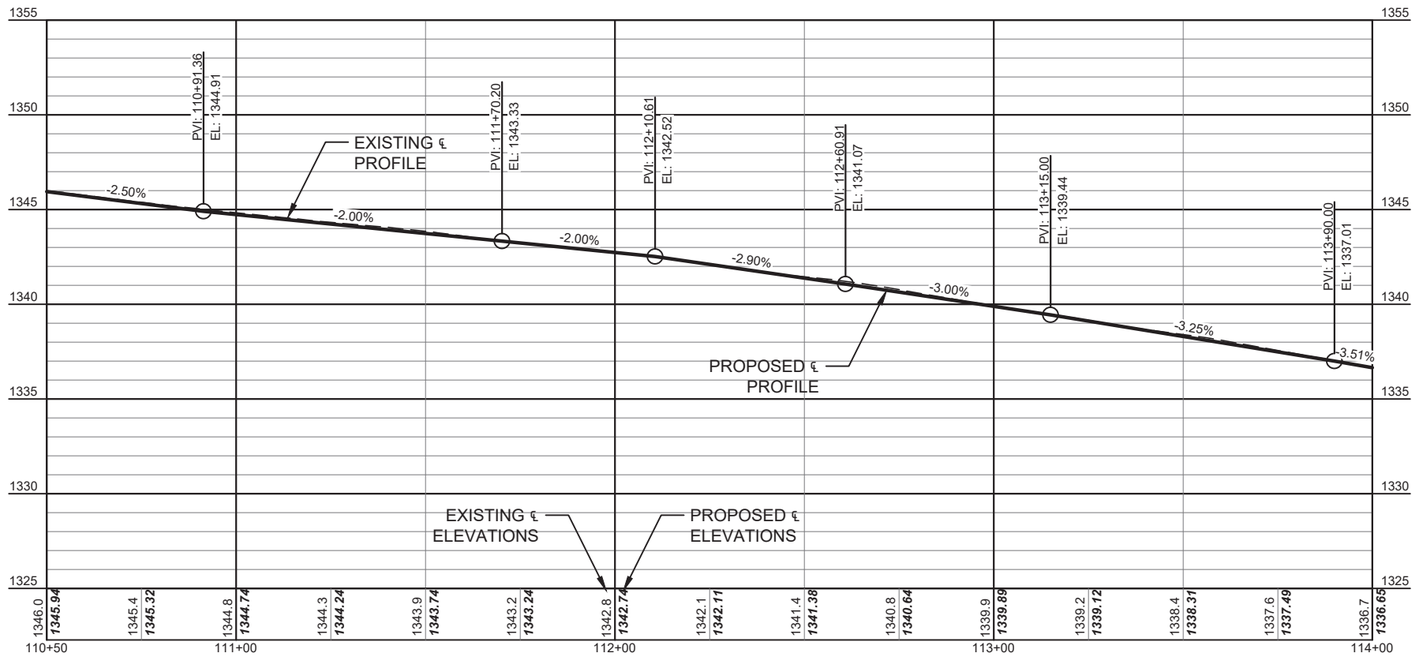
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ACG	TJH	2504-00702

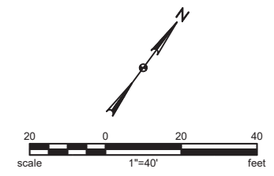
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	60	4







REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

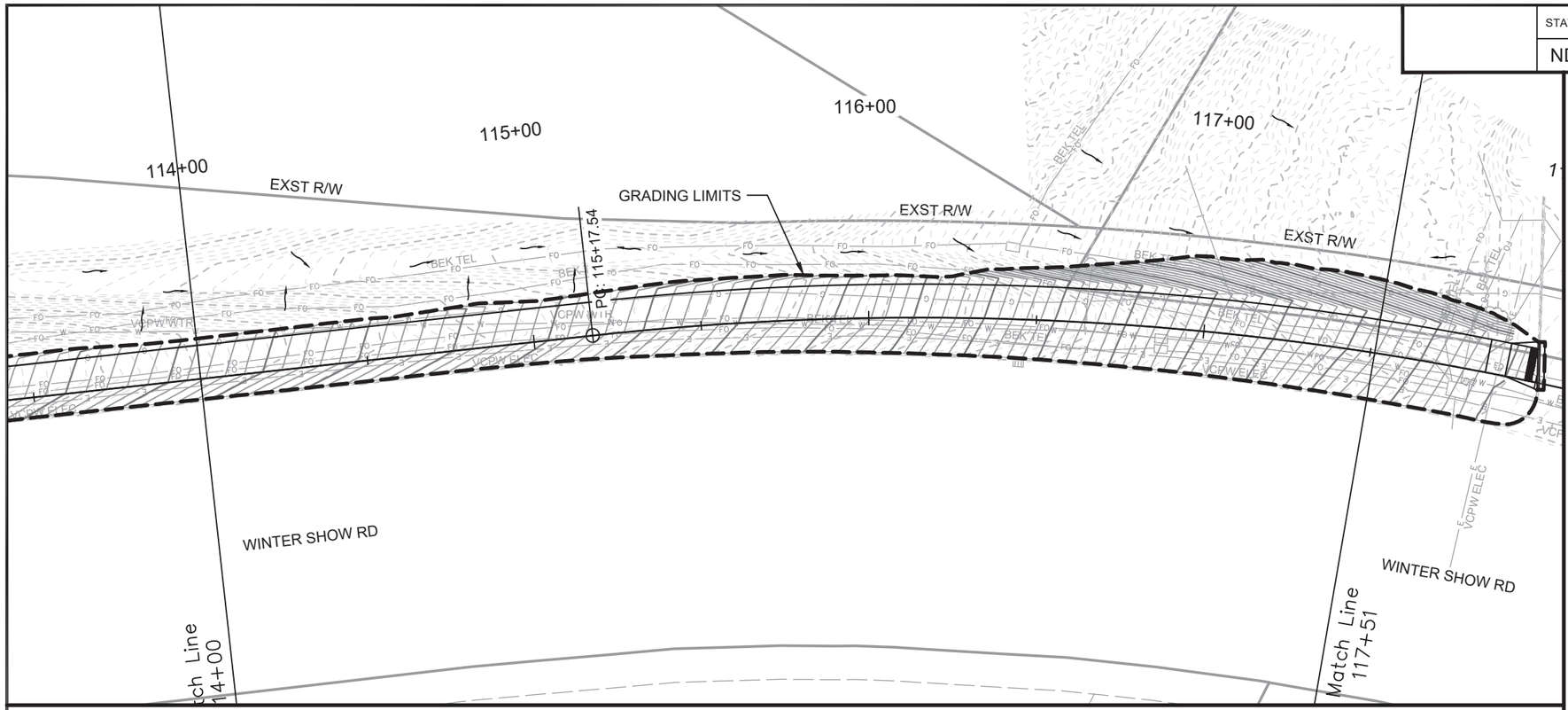
PLAN & PROFILE
STA. 110+50 TO 114+00

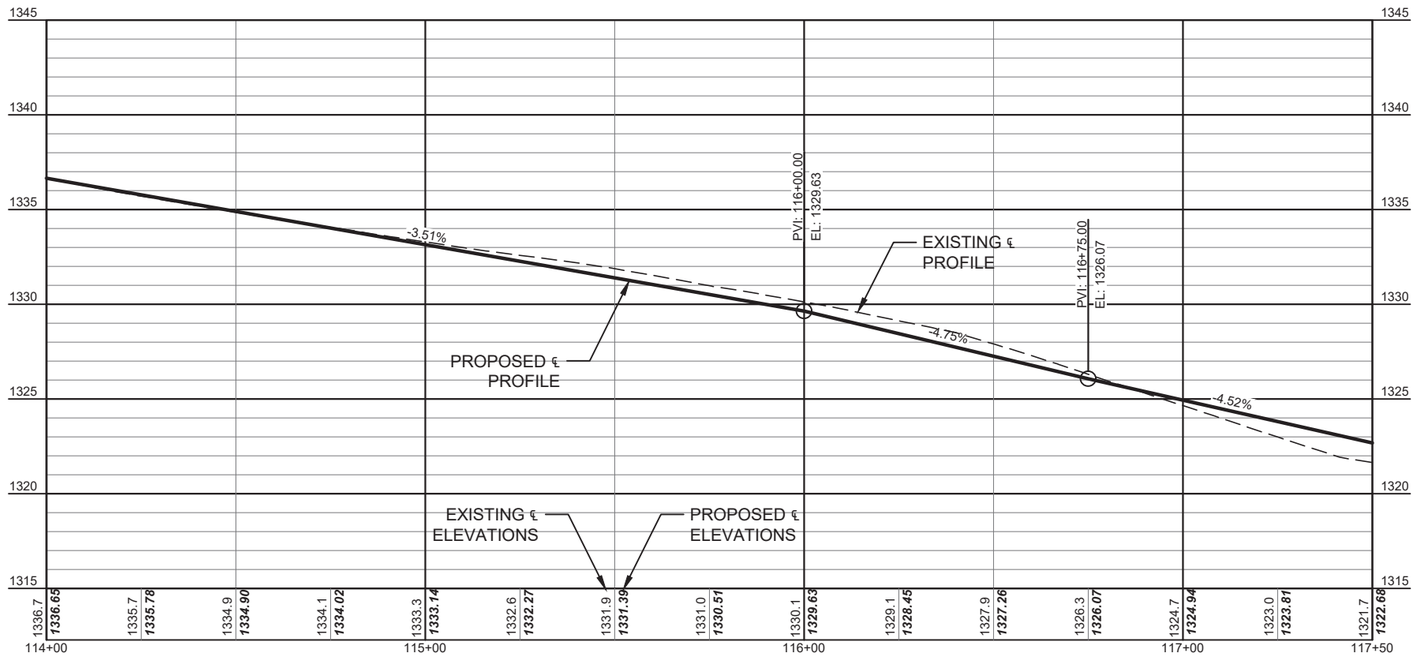
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ACG	TJH	2504-00702

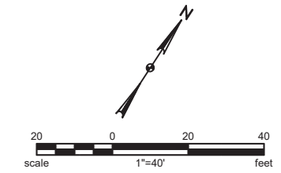
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	60	5







REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

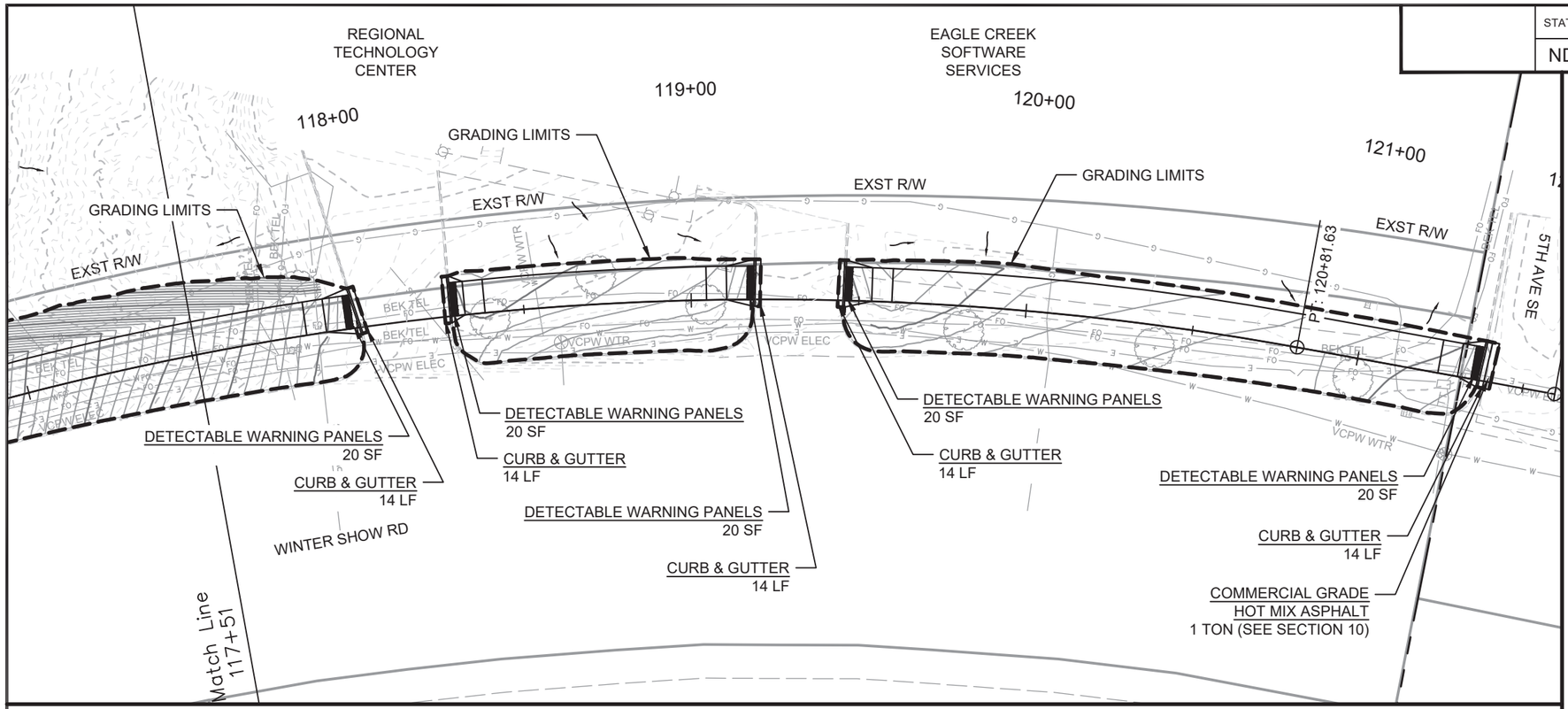
PLAN & PROFILE
STA. 114+00 TO 117+50

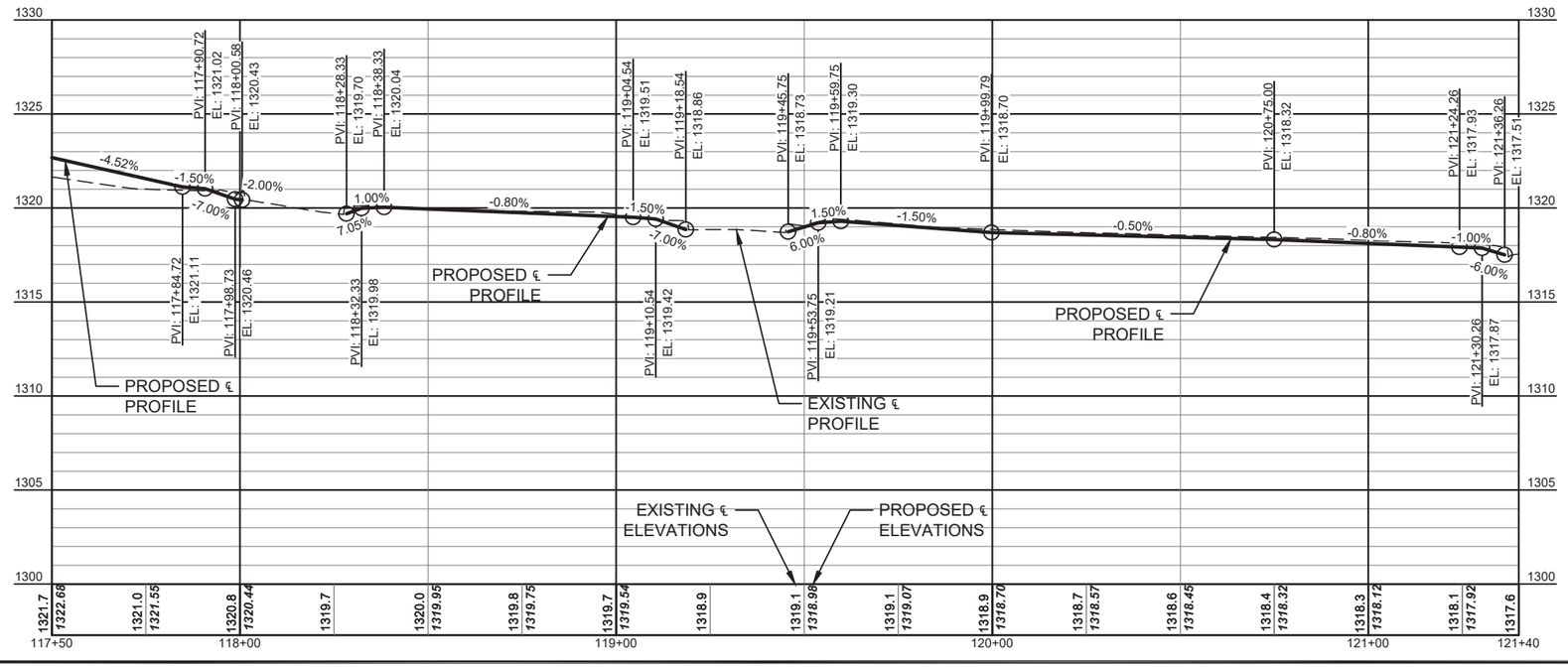
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ACG	TJH	2504-00702

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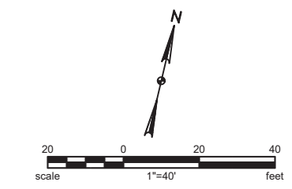
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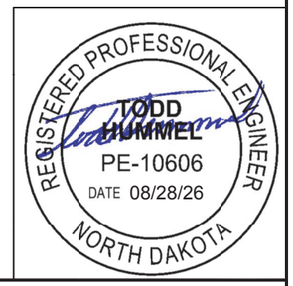
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	60	6





SPEC CODE	BID ITEM	QTY	UNIT
748 0100	CURB & GUTTER	56	LF
750 2115	DETECTABLE WARNING PANELS	80	SF





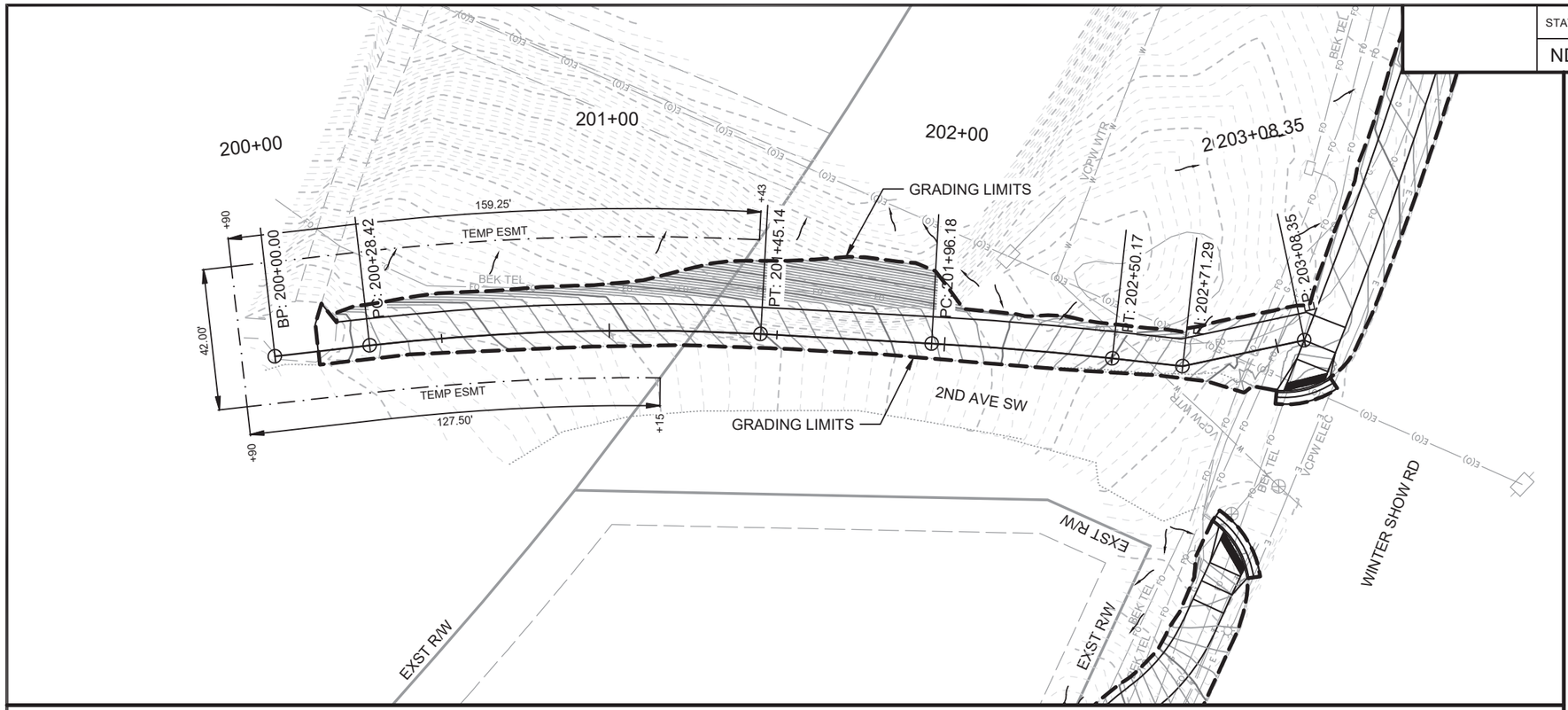
TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

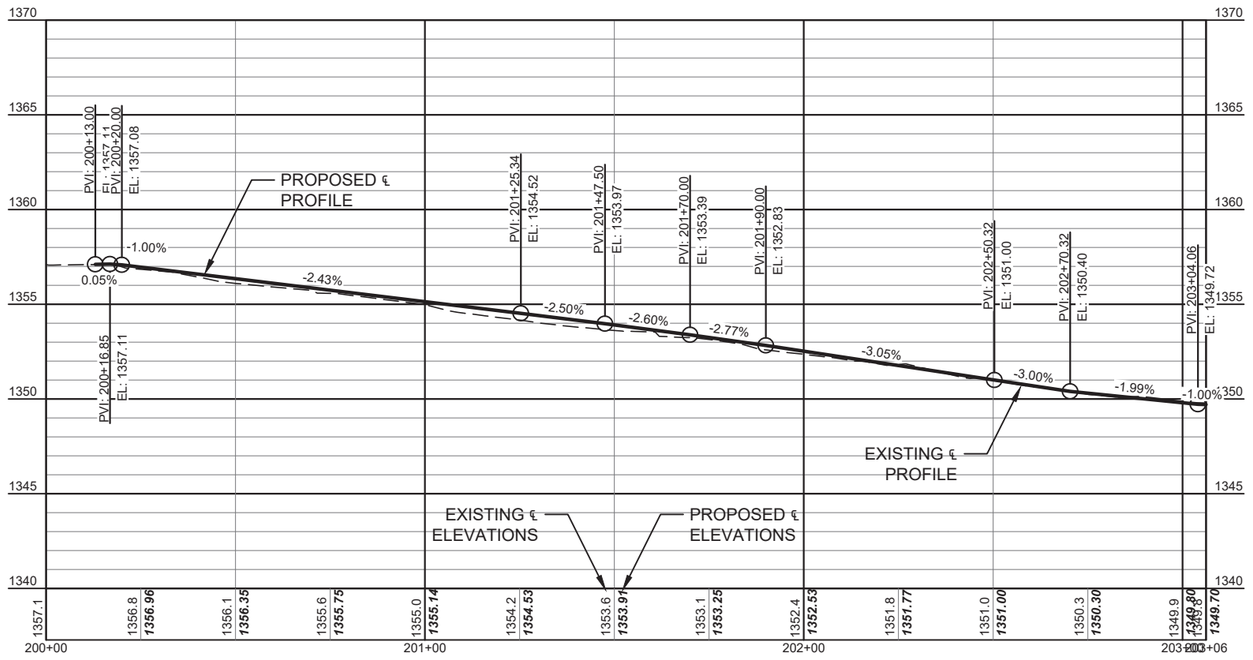
PLAN & PROFILE
STA. 117+50 TO 121+40

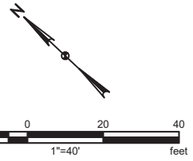
DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	60	7







REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

PLAN & PROFILE
STA. 200+00 TO 203+08.35

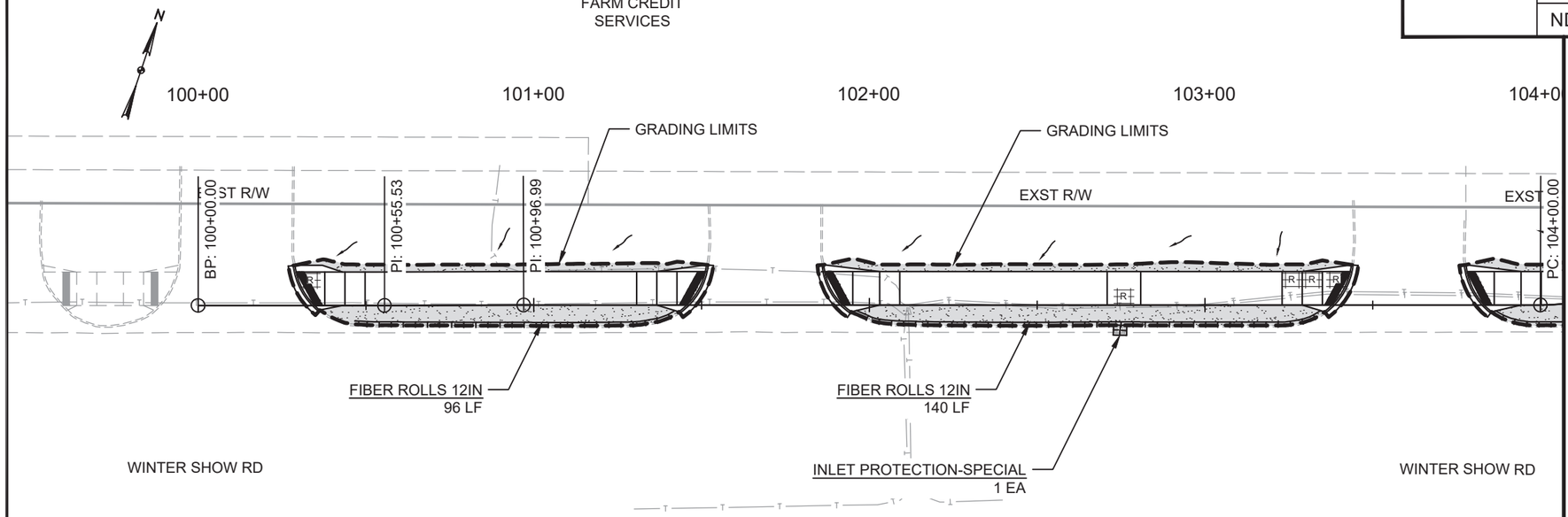
DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	77	1

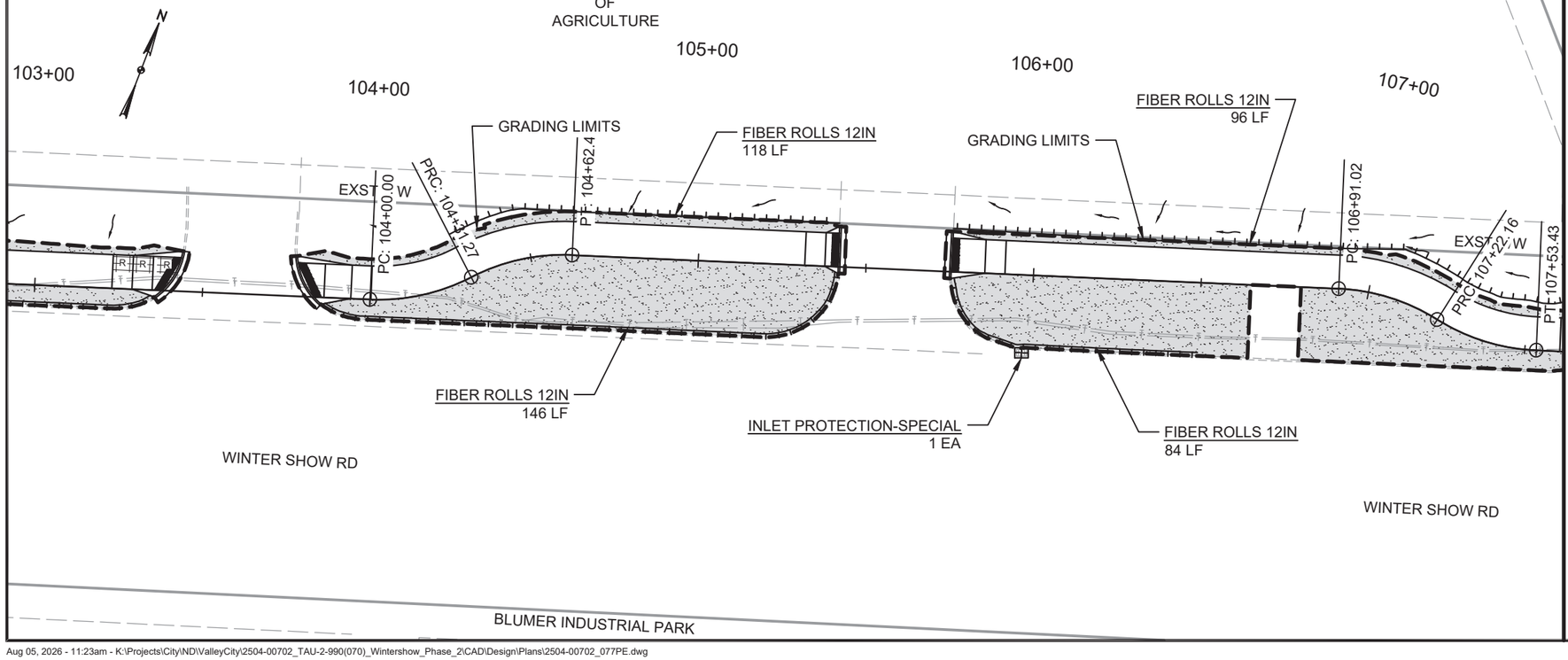
AGCOUNTRY FARM CREDIT SERVICES



GRANDSTAY HOTEL & SUITES

BLUMER INDUSTRIAL PARK

U.S. DEPARTMENT OF AGRICULTURE



BLUMER INDUSTRIAL PARK

SPEC CODE	BID ITEM	QTY	UNIT
251 0300	SEEDING CLASS III		
	Top View	0.05	ACRE
	Bottom View	0.13	ACRE
		0.18	ACRE
253 0201	HYDRAULIC MULCH		
	Top View	0.05	ACRE
	Bottom View	0.13	ACRE
		0.18	ACRE
261 0112	FIBER ROLLS 12IN		
	Top View	236	LF
	Bottom View	444	LF
		680	LF
708 1540	INLET PROTECTION-SPECIAL		
	Top View	1	EA
	Bottom View	1	EA
		2	EA
708 1541	REMOVE INLET PROTECTION-SPECIAL		
	Top View	1	EA
	Bottom View	1	EA
		2	EA

SEEDING CLASS III & HYDRAULIC MULCH

FIBER ROLLS 12IN

INLET PROTECTION-SPECIAL

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

PERMANENT EROSION CONTROL STA. 100+00 TO 107+00

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	77	2

SPEC CODE	BID ITEM		QTY	UNIT
251 0300	SEEDING CLASS III			
		Top View	0.07	ACRE
		Bottom View	0.07	ACRE
			0.14	ACRE
253 0201	HYDRAULIC MULCH			
		Top View	0.07	ACRE
		Bottom View	0.07	ACRE
			0.14	ACRE
261 0112	FIBER ROLLS 12IN			
		Top View	303	LF
		Bottom View	351	LF
			654	LF

SEEDING CLASS III & HYDRAULIC MULCH

FIBER ROLLS 12IN

INLET PROTECTION-SPECIAL

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

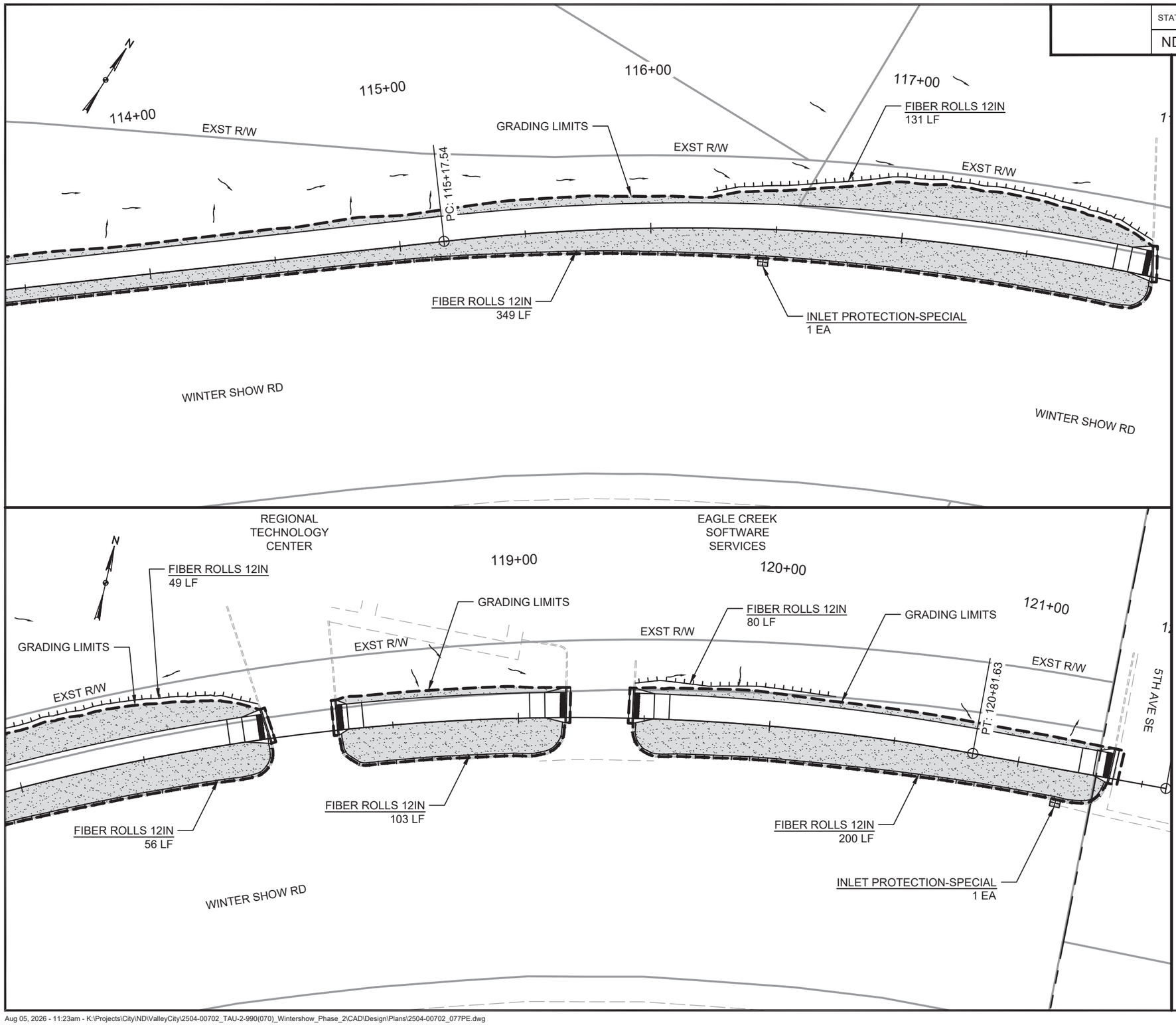
PERMANENT EROSION CONTROL STA. 107+00 TO 114+00

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	77	3



SPEC CODE	BID ITEM	QTY	UNIT
251 0300	SEEDING CLASS III		
	Top View	0.12	ACRE
	Bottom View	0.14	ACRE
		0.26	ACRE
253 0201	HYDRAULIC MULCH		
	Top View	0.12	ACRE
	Bottom View	0.14	ACRE
		0.26	ACRE
261 0112	FIBER ROLLS 12IN		
	Top View	480	LF
	Bottom View	488	LF
		968	LF
708 1540	INLET PROTECTION-SPECIAL		
	Top View	1	EA
	Bottom View	1	EA
		2	EA
708 1541	REMOVE INLET PROTECTION-SPECIAL		
	Top View	1	EA
	Bottom View	1	EA
		2	EA

SEEDING CLASS III & HYDRAULIC MULCH

FIBER ROLLS 12IN

INLET PROTECTION-SPECIAL

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

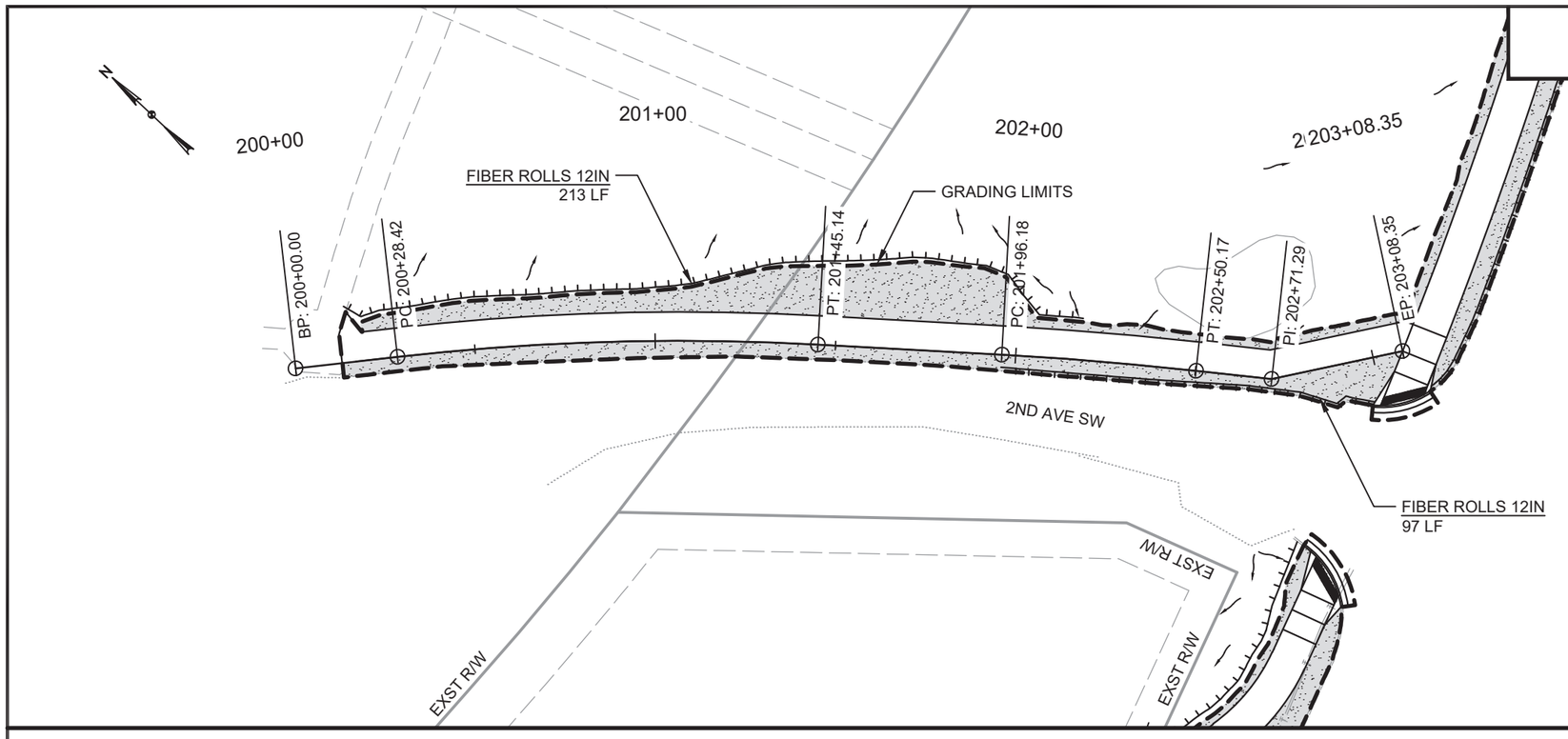
KLJ

PERMANENT EROSION CONTROL STA. 114+00 TO 121+40

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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BOTTOM VIEW INTENTIONALLY LEFT BLANK

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	77	4

SPEC CODE	BID ITEM	QTY	UNIT
251 0300	SEEDING CLASS III		
	Top View	0.07	ACRE
253 0201	HYDRAULIC MULCH		
	Top View	0.07	ACRE
261 0112	FIBER ROLLS 12IN		
	Top View	310	LF

SEEDING CLASS III & HYDRAULIC MULCH

FIBER ROLLS 12IN

INLET PROTECTION-SPECIAL

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

PERMANENT EROSION CONTROL STA. 200+13 TO 203+08.35

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	100	1

SIGN NUMBER	SIGN SIZE	DESCRIPTION	AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
E5-1-48	48"x48"	EXIT GORE		35	
G20-1-60	60"x24"	ROAD WORK NEXT __ MILES		28	
G20-1b-60	60"x24"	NO WORK IN PROGRESS (Sign and installation only)		18	
G20-2-48	**48"x24"**	**END ROAD WORK**	**2**	**26**	**52**
G20-4-36	36"x18"	PILOT CAR FOLLOW ME (Mounted to back of pilot car)		18	
G20-4b-36	36"x30"	WAIT FOR PILOT CAR		18	
G20-50a-72	**72"x36"**	**ROAD WORK NEXT __ MILES RT & LT ARROWS**	**2**	**43**	**86**
G20-52a-72	72"x24"	ROAD WORK NEXT __ MILES RT or LT ARROW		36	
G20-55-96	**96"x48"**	**SPEED LIMIT ENFORCED - MINIMUM FEE $150 WHEN WORKERS PRESENT**	**2**	**59**	**118**
M1-1-36	36"x36"	INTERSTATE ROUTE MARKER (Post and installation only)		11	
M1-4-24	24"x24"	U.S. ROUTE MARKER (Post and installation only)		10	
M1-5-24	24"x24"	STATE ROUTE MARKER (Post and installation only)		10	
M3-1-24	24"x12"	NORTH (Mounted on route marker post)		7	
M3-2-24	24"x12"	EAST (Mounted on route marker post)		7	
M3-3-24	24"x12"	SOUTH (Mounted on route marker post)		7	
M3-4-24	24"x12"	WEST (Mounted on route marker post)		7	
M4-8-24	24"x12"	DETOUR (Mounted on route marker post)		7	
M4-9-30	30"x24"	DETOUR ARROW RIGHT or LEFT/AHD AND RT or LT		15	
M4-10-48	48"x18"	DETOUR (INSIDE ARROW) RIGHT or LEFT (Mounted on barricade)		7	
M5-1-21	21"x15"	ADVANCE TURN ARROW RT or LT(Mounted on route marker post)		7	
M5-1-30	30"x21"	ADVANCE TURN ARROW RT or LT(Mounted on route marker post)		9	
M6-1-21	21"x15"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)		7	
M6-1-30	30"x21"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)		9	
M6-3-21	21"x15"	DIRECTIONAL ARROW UP (Mounted on route marker post)		7	
R1-1-48	48"x48"	STOP		32	
R1-2-60	60"x60"	YIELD		29	
R2-1-36	36"x48"	SPEED LIMIT __ (Portable only)		30	
R2-1-48	**48"x60"**	**SPEED LIMIT __**	**4**	**39**	**156**
R2-1aP-24	**24"x18"**	**MINIMUM FEE $150 (Mounted on Speed Limit post)**	**3**	**10**	**30**
R3-2-48	48"x48"	NO LEFT TURN		35	
R4-1-48	48"x60"	DO NOT PASS		39	
R4-7-48	48"x60"	KEEP RIGHT		39	
R5-1-48	48"x48"	DO NOT ENTER		35	
R6-1-54	54"x18"	ONE WAY RIGHT or LEFT (Mounted on STOP or DO NOT ENTER post)		14	
R7-1-12	12"x18"	NO PARKING ANY TIME		11	
R9-9-24	**24"x12"**	**SIDEWALK CLOSED (Mounted on barricade)**	**3**	**3**	**9**
R10-6-24	24"x36"	STOP HERE ON RED		16	
R11-2-48	48"x30"	ROAD CLOSED (Mounted on barricade)		12	
R11-2a-48	48"x30"	STREET CLOSED (Mounted on barricade)		12	
R11-3a-60	60"x30"	ROAD CLOSED __ MILES AHEAD LOCAL TRAFFIC ONLY (Mtd on barricade)		15	
R11-3c-60	60"x30"	STREET CLOSED __ MILES AHEAD LOCAL TRAFFIC ONLY (Mtd on barricade)		15	
R11-4a-60	60"x30"	STREET CLOSED TO THRU TRAFFIC (Mounted on barricade)		15	
W1-3-48	48"x48"	REVERSE TURN RIGHT or LEFT		35	
W1-4-48	48"x48"	REVERSE CURVE RIGHT or LEFT		35	
W1-4b-48	48"x48"	TWO LANE REVERSE CURVE RIGHT or LEFT		35	
W1-6-48	48"x24"	ONE DIRECTION LARGE ARROW		26	
W3-1-48	48"x48"	STOP AHEAD		35	
W3-3-48	48"x48"	SIGNAL AHEAD		35	
W3-4-48	48"x48"	BE PREPARED TO STOP		35	
W3-5-48	**48"x48"**	**SPEED REDUCTION AHEAD**	**1**	**35**	**35**
W4-2-48	48"x48"	LANE ENDS RIGHT or LEFT		35	
W5-1-48	**48"x48"**	**ROAD NARROWS**	**1**	**35**	**35**
W5-8-48	48"x48"	THRU TRAFFIC RIGHT LANE		35	
W5-9-48	48"x48"	ROAD WORK TRAFFIC ONLY DOWN & LT or RT ARROW		35	
W6-3-48	48"x48"	TWO WAY TRAFFIC		35	
W8-1-48	48"x48"	BUMP		35	
W8-3-48	48"x48"	PAVEMENT ENDS		35	
W8-7-48	48"x48"	LOOSE GRAVEL		35	
W8-11-48	48"x48"	UNEVEN LANES		35	
W8-12-48	48"x48"	NO CENTER LINE		35	
W8-17-48	48"x48"	SHOULDER DROP-OFF SYMBOL		35	
W8-53-48	48"x48"	TRUCKS ENTERING HIGHWAY		35	
W8-54-48	48"x48"	TRUCKS ENTERING AHEAD or __ FT or _ MILE		35	
W8-55-48	48"x48"	TRUCKS CROSSING AHEAD or __ FT or _ MILE		35	
W8-56-48	48"x48"	TRUCKS EXITING HIGHWAY		35	
W9-3a-48	48"x48"	CENTER LANE CLOSED SYMBOL		35	
W13-1P-30	30"x30"	__ MPH ADVISORY SPEED PLAQUE (Mounted on warning sign post)		14	
W14-3-64	64"x48"	NO PASSING ZONE		28	
W16-2P-30	30"x24"	__ FEET PLAQUE (Mounted on warning sign post)		10	
W20-1-48	**48"x48"**	**ROAD WORK AHEAD or _FT or _ MILE**	**4**	**35**	**140**
W20-2-48	48"x48"	DETOUR AHEAD or __ FT or _ MILE		35	
W20-3-48	48"x48"	ROAD or STREET CLOSED AHEAD or __ FT or _ MILE		35	
W20-4-48	48"x48"	ONE LANE ROAD AHEAD or __ FT or _ MILE		35	
W20-5-48	48"x48"	RIGHT or CENTER or LEFT LANE CLOSED AHEAD or __ FT or _ MILE		35	
W20-7-48	48"x48"	FLAGGER		35	
W20-8-18	18"x18"	STOP - SLOW PADDLE Back to Back		5	
W20-52P-54	54"x12"	NEXT __ MILES (Mounted on warning sign post)		12	
W21-1-48	48"x48"	WORKERS		35	
W21-2-48	48"x48"	FRESH OIL		35	
W21-3-48	48"x48"	ROAD MACHINERY AHEAD or __ FT or _ MILE		35	
W21-5-48	**48"x48"**	**SHOULDER WORK**	**1**	**35**	**35**
W21-5a-48	48"x48"	RIGHT or LEFT SHOULDER CLOSED		35	
W21-5b-48	48"x48"	RIGHT or LEFT SHOULDER CLOSED AHEAD or __ FT or _ MILE		35	
W21-6-48	48"x48"	SURVEY CREW		35	
W21-50-48	48"x48"	BRIDGE PAINTING AHEAD or __ FT		35	
W21-51-48	48"x48"	MATERIAL ON ROADWAY		35	
W21-52-48	48"x48"	PAVEMENT BREAKS		35	
W21-53-48	48"x48"	RUMBLE STRIPS AHEAD		35	
W22-8-48	48"x48"	FRESH OIL LOOSE ROCK		35	
W24-1-48	48"x48"	DOUBLE REVERSE CURVE		35	

SPECIAL SIGNS

SPEC & CODE

704-1000	TRAFFIC CONTROL SIGNS	TOTAL UNITS	696

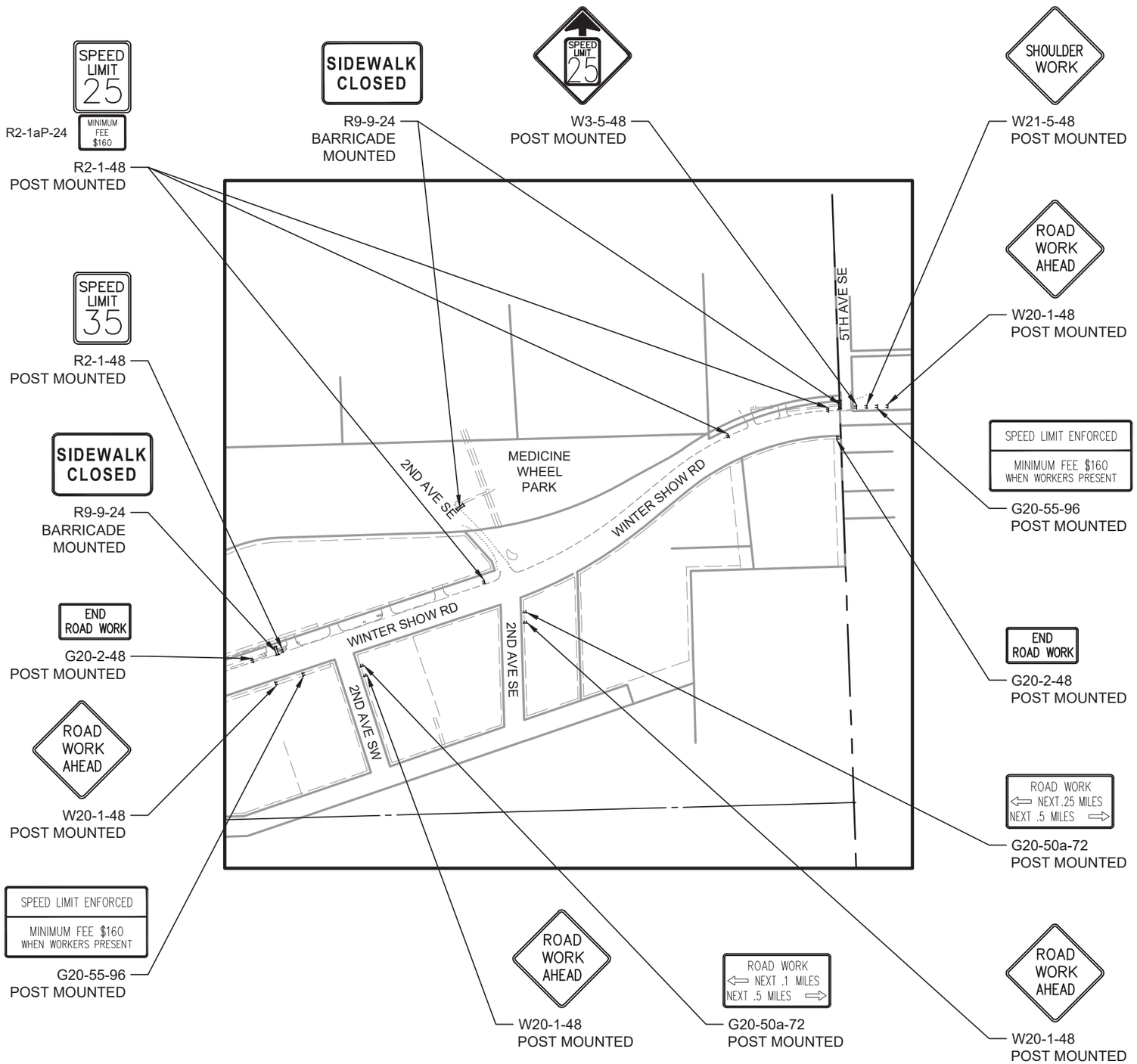
SPEC & CODE	DESCRIPTION	UNIT	QUANTITY
704-0100	FLAGGING	MHR	
704-1048	PORTABLE RUMBLE STRIPS	EACH	
704-1050	TYPE I BARRICADES	EACH	
704-1052	**TYPE III BARRICADES**	**EACH**	**19**
704-1054	**SIDEWALK BARRICADE**	**EA**	**3**
704-1060	**DELINEATOR DRUMS**	**EACH**	**83**
704-1065	TRAFFIC CONES	EACH	
704-1067	TUBULAR MARKERS	EACH	
704-1070	DELINEATOR	EACH	
704-1072	FLEXIBLE DELINEATORS	EACH	
704-1080	STACKABLE VERTICAL PANELS	EACH	
704-1081	VERTICAL PANELS - BACK TO BACK	EACH	
704-1085	SEQUENCING ARROW PANEL - TYPE A	EACH	
704-1086	SEQUENCING ARROW PANEL - TYPE B	EACH	
704-1087	SEQUENCING ARROW PANEL - TYPE C	EACH	
704-1500	OBLITERATION OF PVMT MK	SF	
704-3501	PORTABLE PRECAST CONCRETE MED BARRIER	LF	
704-3510	PRECAST CONCRETE MED BARRIER - STATE FURNISHED	EACH	
762-0200	RAISED PAVEMENT MARKERS	EACH	
762-0420	SHORT TERM 4IN LINE - TYPE R	LF	
762-0430	SHORT TERM 4IN LINE - TYPE NR	LF	

NOTE:
If additional signs are required, units will be calculated using the formula from Section III-18.06 of the Design Manual.
http://www.dot.nd.gov/

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

Traffic Control Devices List

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	100	2



F SIGN

SIDEWALK BARRICADE

N

200 0 20 400
scale 1"=400' feet

This layout shown is for general information purposes and basis of quantities only. Conform to the most current version of the MUTCD and the Standard Drawings when installing the traffic control signing.

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

KLJ

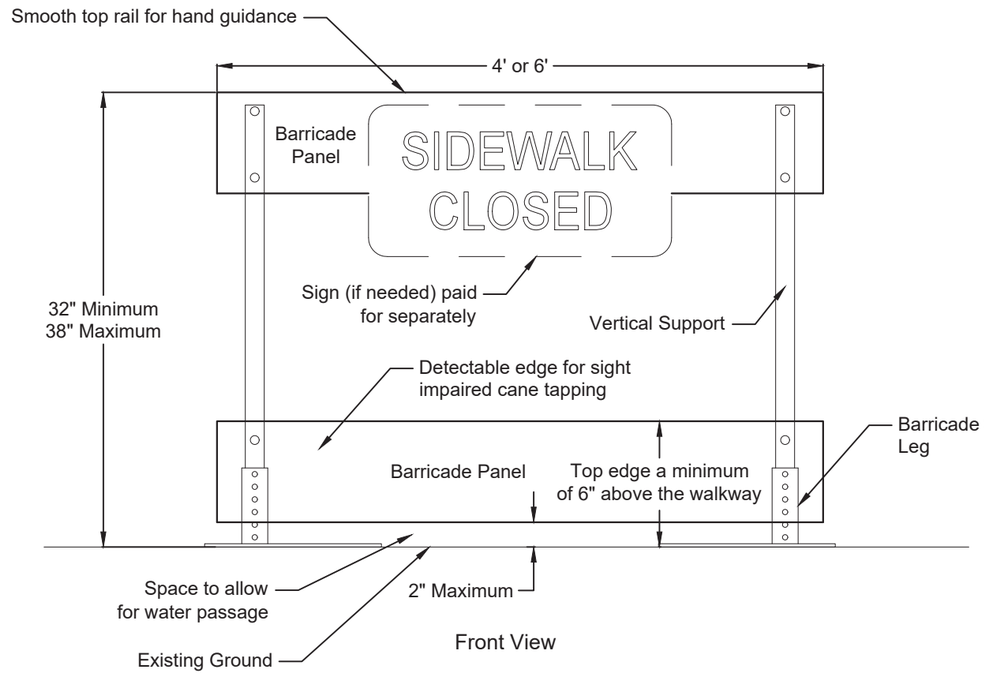
TRAFFIC CONTROL TERMINAL SIGNING

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

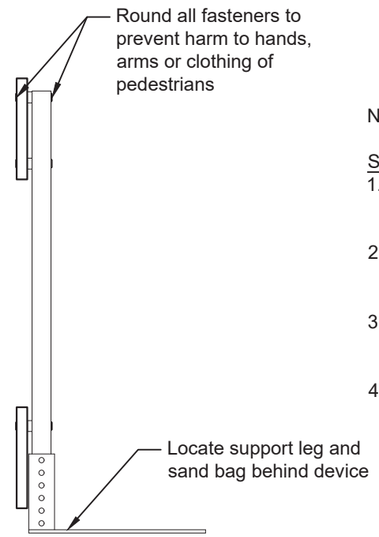
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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TAU-2-990(070)	100	3



Front View

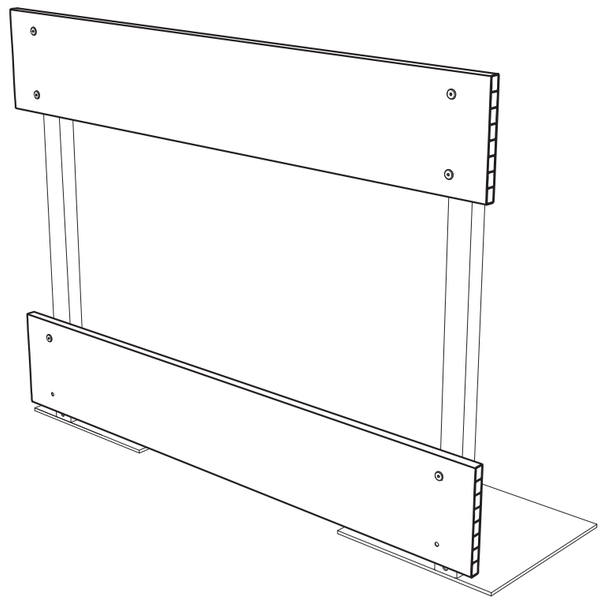


End View

NOTES:

Sidewalk Barricades

1. Provide self standing sidewalk barricade with no supports extending into the pedestrians path.
2. Use orange or orange and white diagonal striped barricade panels contrasting with the walkway surface.
3. Provide ADA compliant and NCHRP 350 or Mash Test Level 3 (TL3) approved sidewalk barricades.
4. Include all costs to furnish, maintain, and remove sidewalk barricades in the price bid for "Sidewalk Barricade"



Perspective View

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VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

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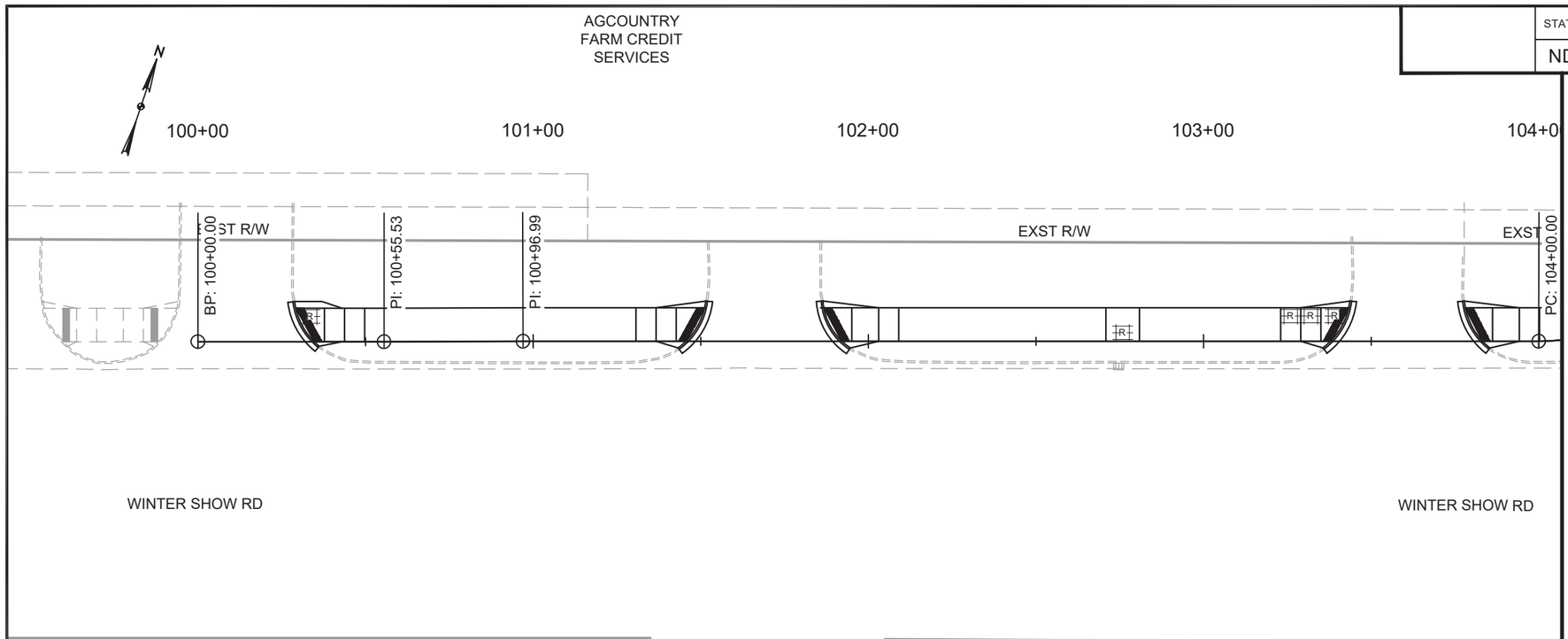
TRAFFIC CONTROL SIDEWALK BARRICADE

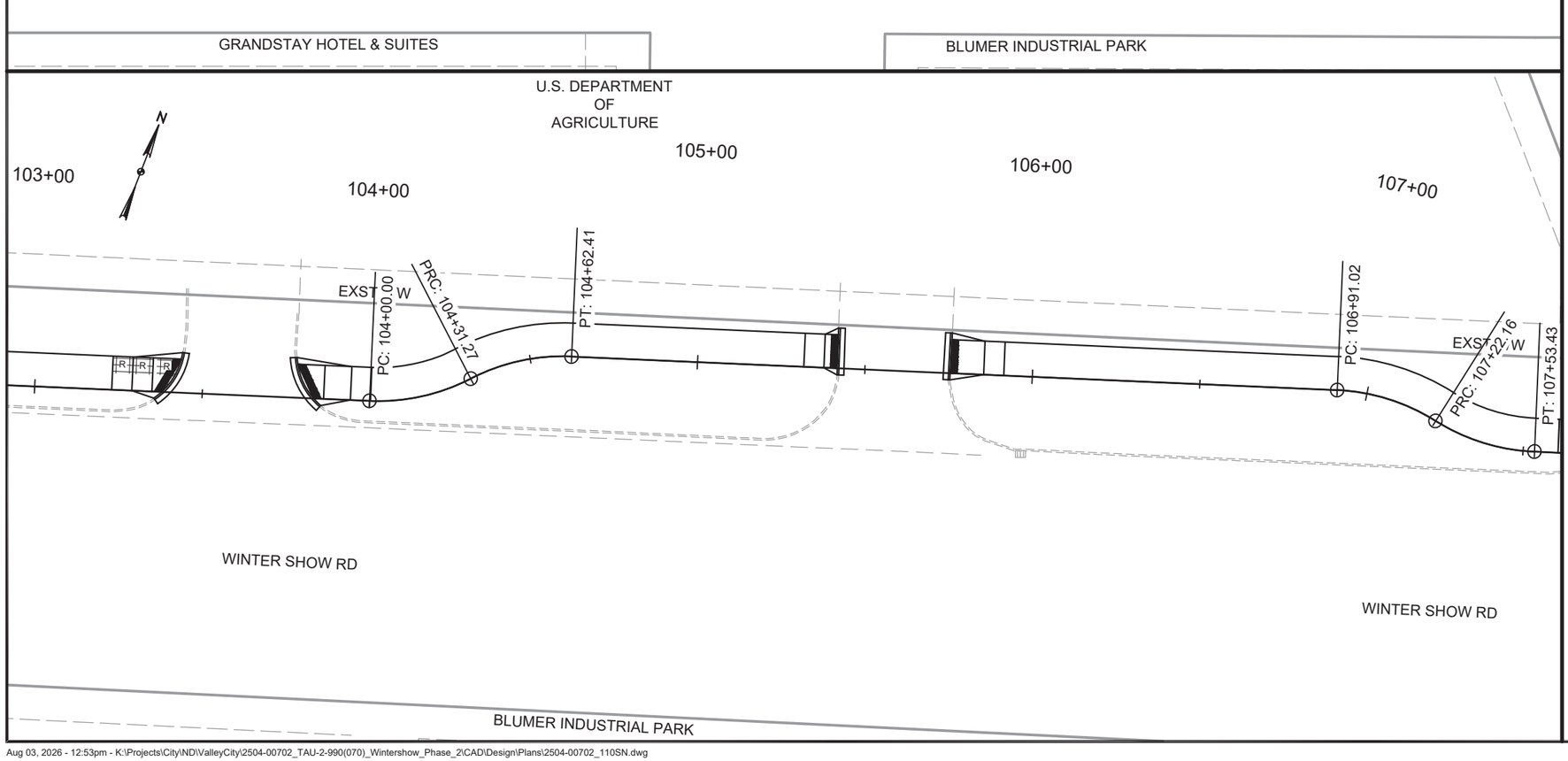
DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	110	1





- - - - - - EXISTING SIGN LEADER

——— PROPOSED SIGN LEADER

——— PVMT MK PAINTED 6IN (WHITE)

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

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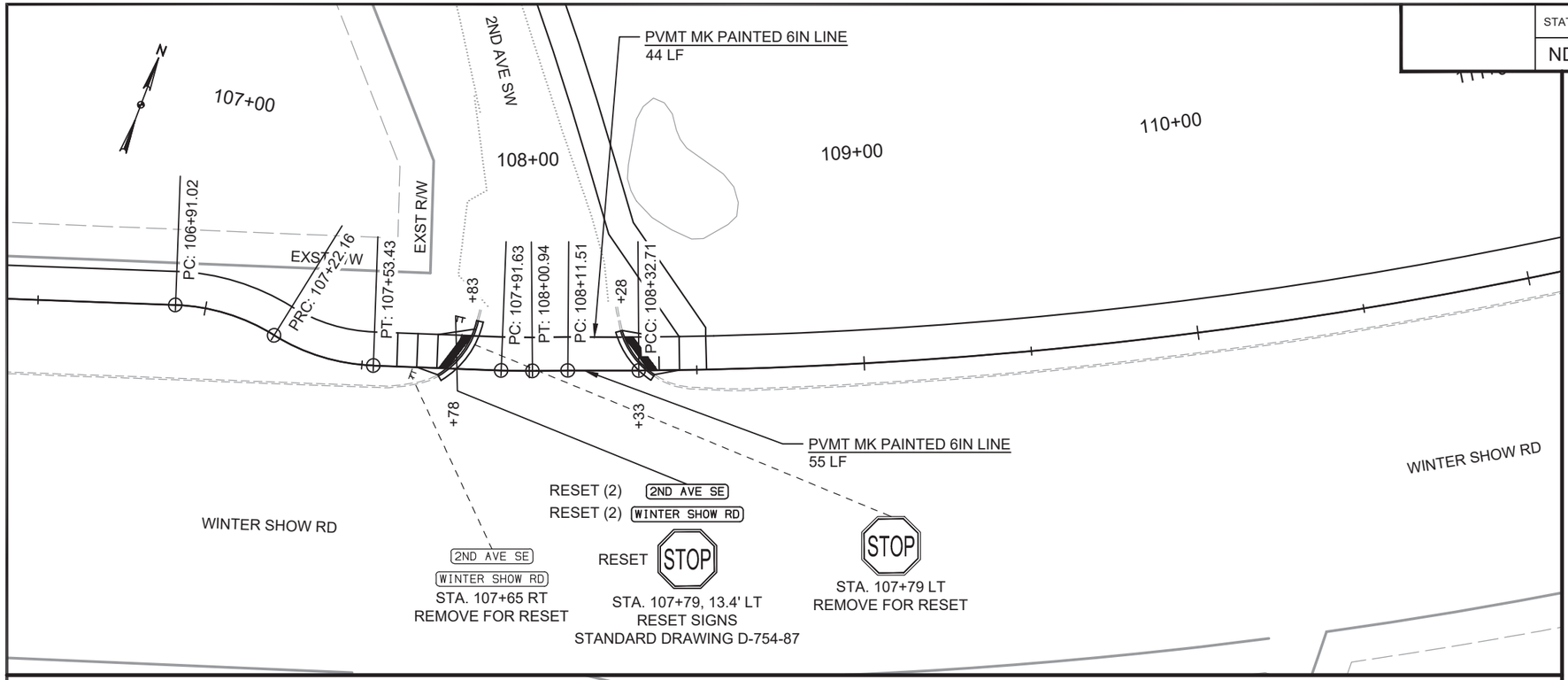
SIGN LAYOUTS
STA. 100+00 TO 107+00

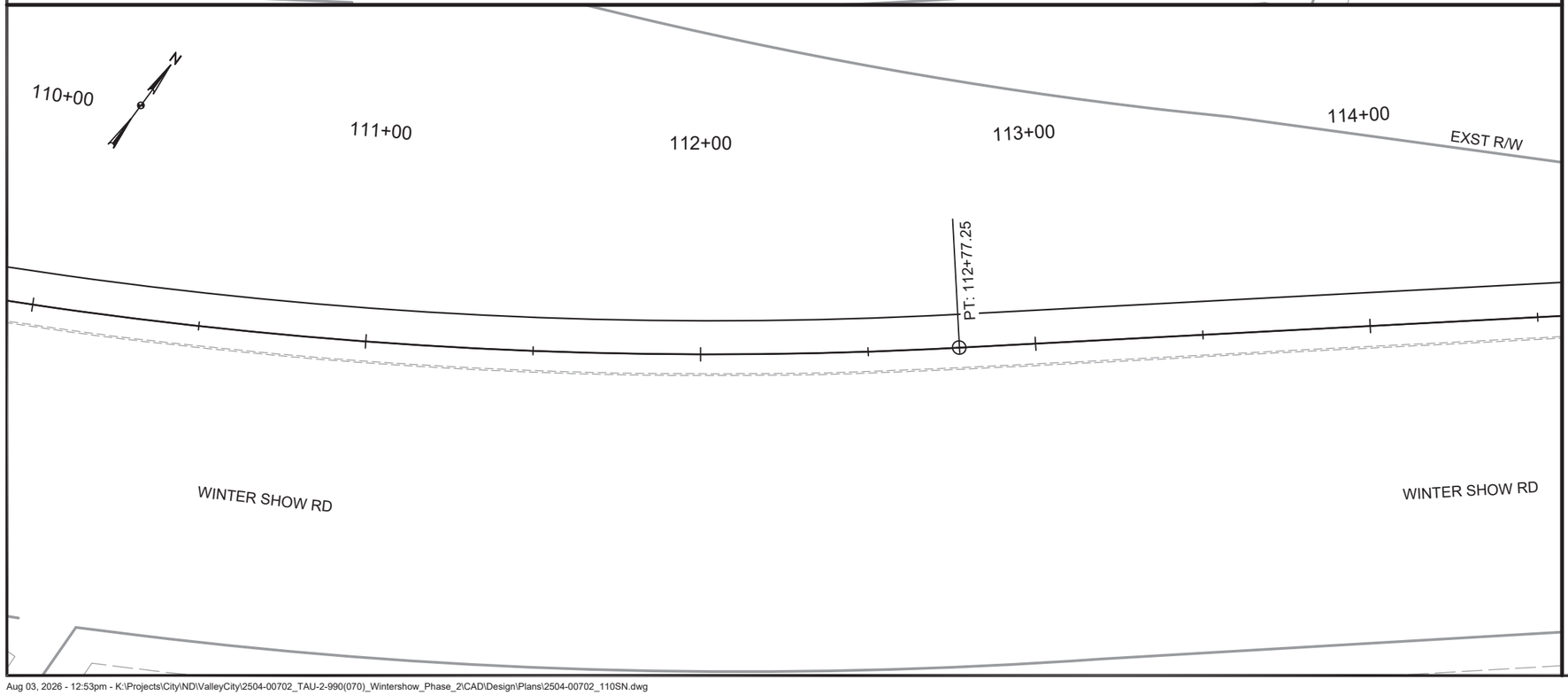
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ACG	TJH	2504-00702

Aug 03, 2026 - 12:53pm - K:\Projects\City\ND\ValleyCity\2504-00702_TAU-2-990(070)_Wintershow_Phase_2\CAD\Design\Plans\2504-00702_110SN.dwg

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	110	2





SPEC CODE	BID ITEM	QTY	UNIT
754 0592	RESET SIGN PANEL	5	EA
754 0593	RESET SIGN SUPPORT	1	EA
762 1106	PVMT MK PAINTED 6IN LINE	99	LF

EXISTING SIGN LEADER

PROPOSED SIGN LEADER

PVMT MK PAINTED 6IN (WHITE)

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

SIGN LAYOUTS
STA. 107+00 TO 114+00

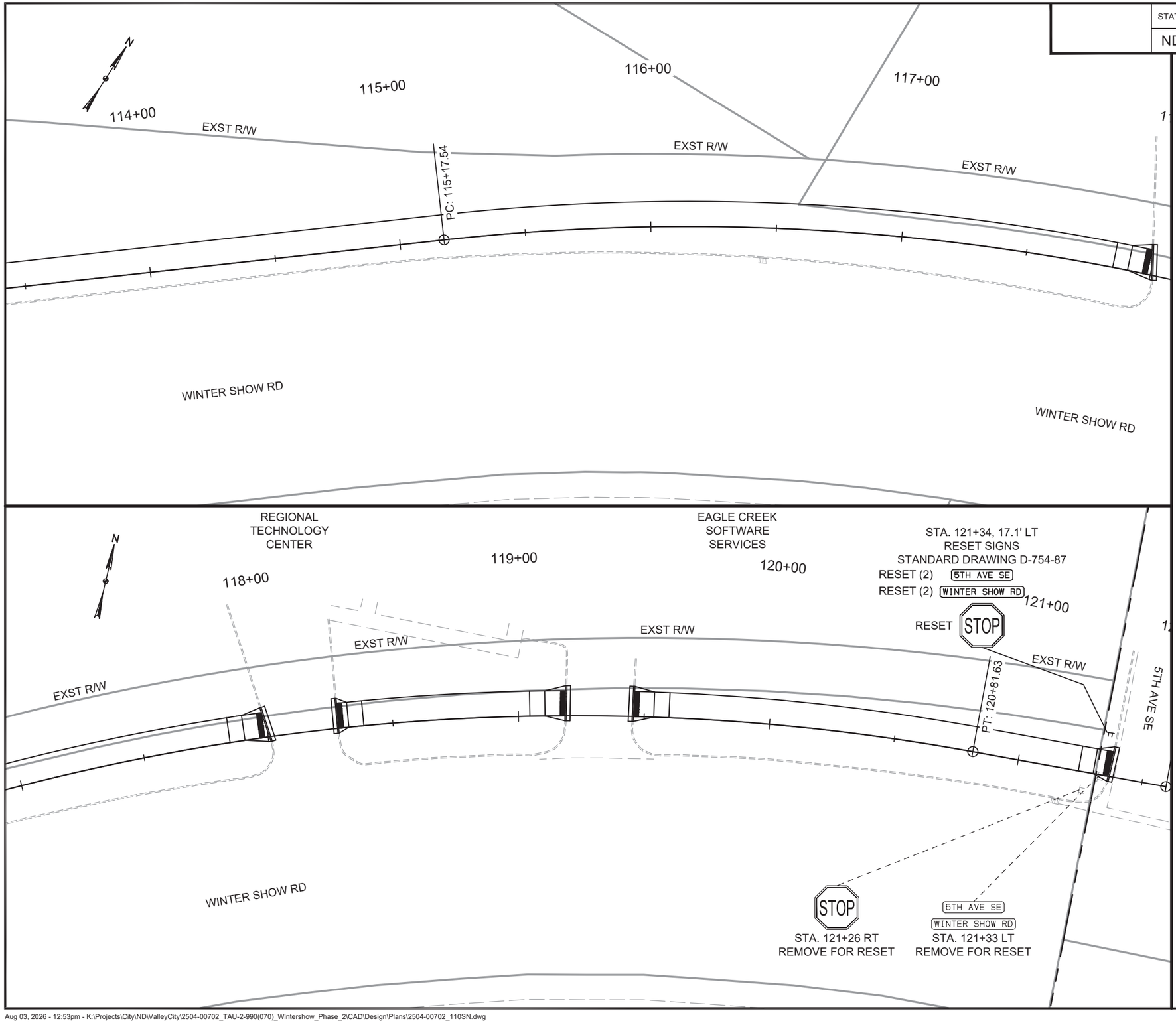
DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TAU-2-990(070)	110	3

SPEC CODE	BID ITEM	QTY	UNIT
754 0592	RESET SIGN PANEL	5	EA
754 0593	RESET SIGN SUPPORT	1	EA



EXISTING SIGN LEADER

PROPOSED SIGN LEADER

PVMT MK PAINTED 6IN (WHITE)

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

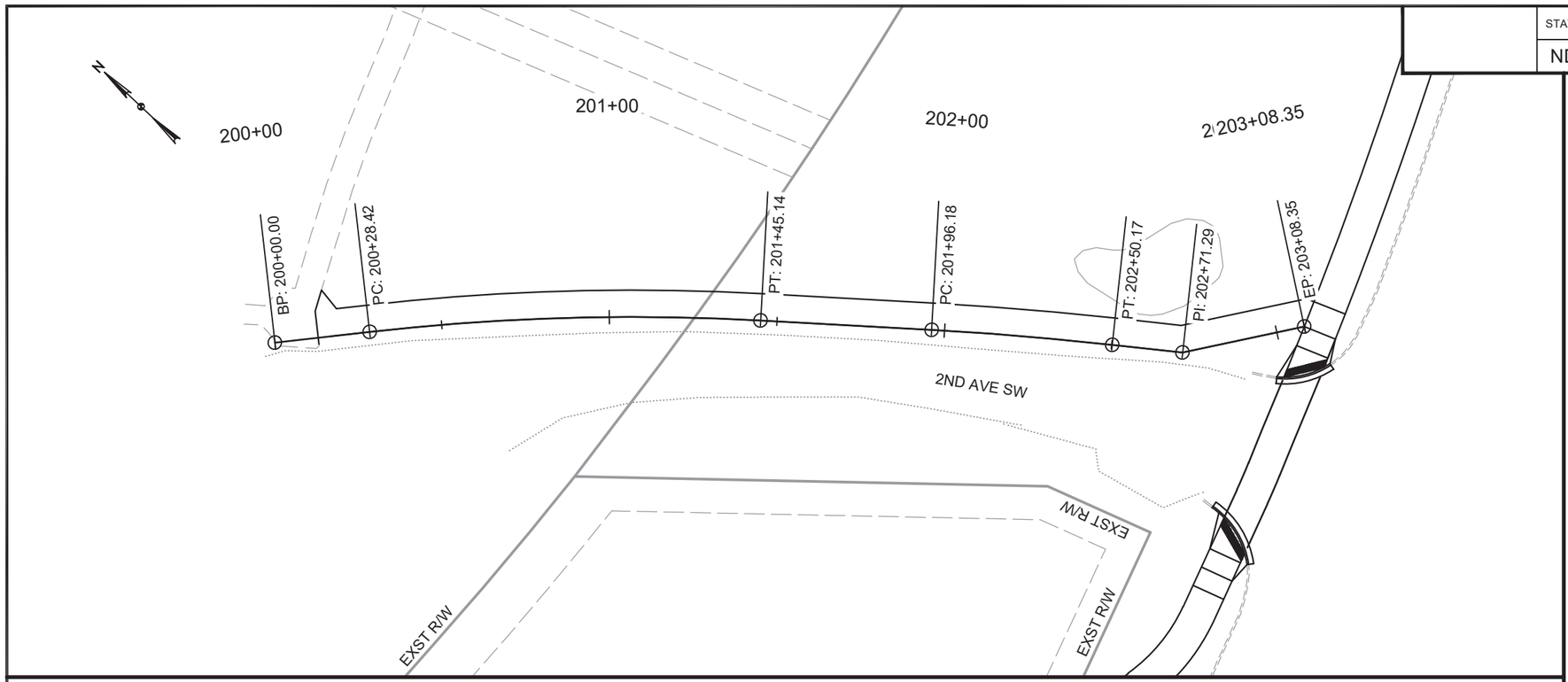
SIGN LAYOUTS
STA. 114+00 TO 121+40

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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ND	TAU-2-990(070)	110	4



EXISTING SIGN LEADER

PROPOSED SIGN LEADER

PVMT MK PAINTED 6IN (WHITE)

BOTTOM VIEW INTENTIONALLY LEFT BLANK

20 0 20 40
scale 1"=40' feet

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 08/28/26
NORTH DAKOTA

TAU-2-990(070)
VALLEY CITY, NORTH DAKOTA
WINTER SHOW ROAD

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SIGN LAYOUTS
STA. 200+13 TO 203+08.78

DRWN. BY	CHK'D BY	PROJECT NO.
ACG	TJH	2504-00702

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