

	STATE	PROJECT NO.	PCN	SECTION NO.	SHEET NO.
	ND	ARP-9-999(489)	23499	1	1

NORTH DAKOTA

DEPARTMENT OF TRANSPORTATION

ARP-9-999(489)

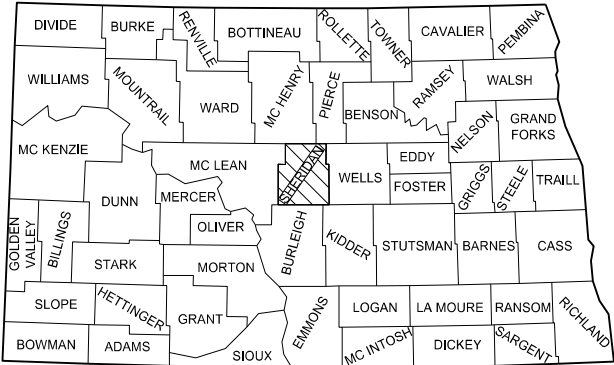
Missouri South RSA - Wetland Mitigation Bank

Sheridan County

McClusky, North Dakota

GOVERNING SPECIFICATIONS	Date Published and Adopted by the North Dakota Department of Transportation
Standard Specifications	4/1/2023
Supplemental Specifications	NONE

PROJECT NUMBER \ DESCRIPTION	NET MILES	GROSS MILES
N/A	N/A	N/A



STATE COUNTY MAP

DESIGNER Dan Elmes
DESIGNER Casey Nelson
DESIGNER

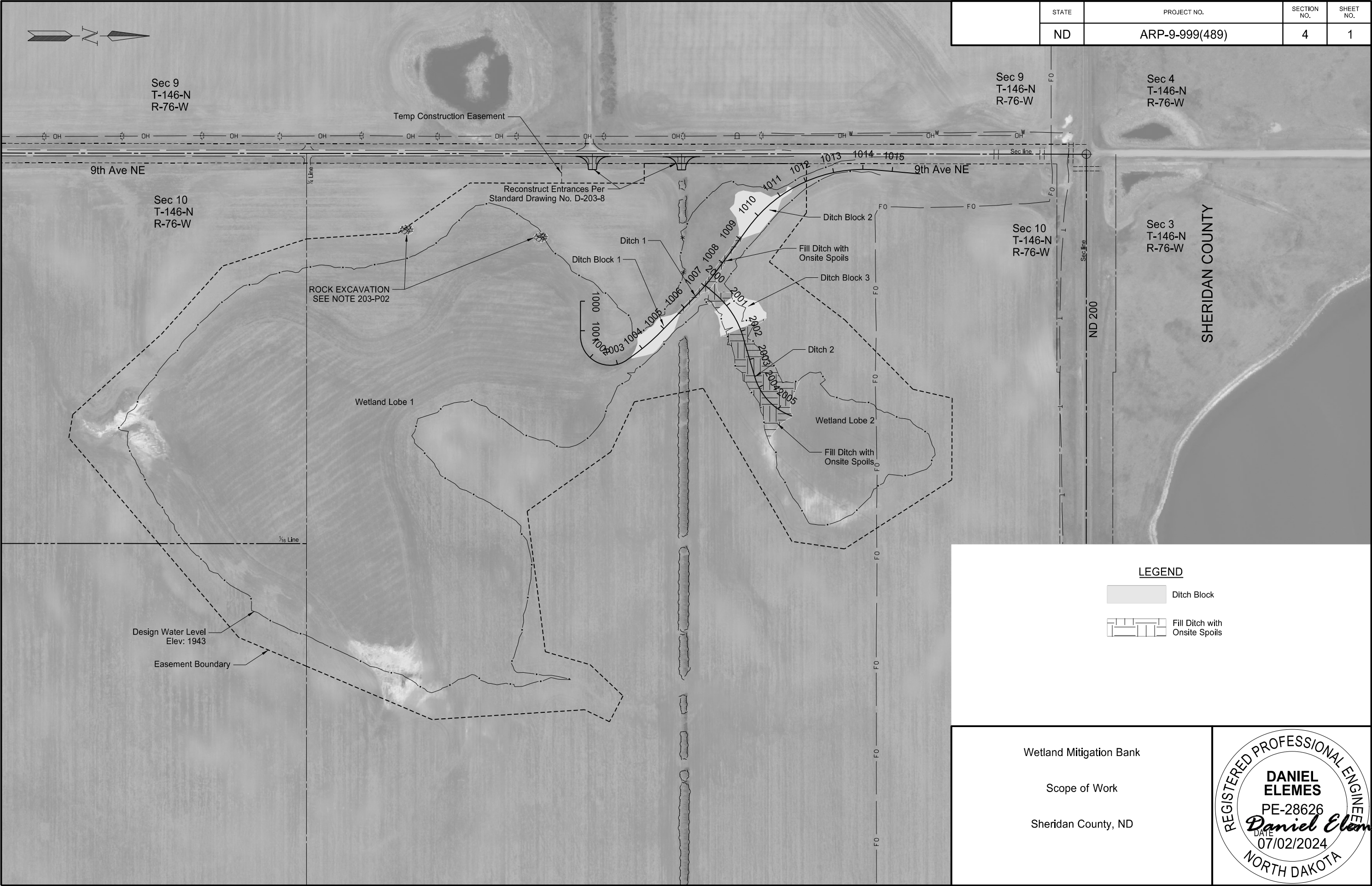
ND DEPARTMENT OF TRANSPORTATION
OFFICE OF PROJECT DEVELOPMENT

Kirk Hoff
Kirk Hoff
07/03/24

MOORE ENGINEERING INC.

Daniel Elmes
PE-28626
DATE 07/03/2024
NORTH DAKOTA

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PSP 73(23)	Permits and Environmental Considerations								
SP 464(23)	Turf Reinforcement Mat & Flexible Growth Medium								



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Wetland Mitigation Bank

Scope of Work

Sheridan County, ND



NOTES

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- 100-P01 ELEVATIONS: All final elevations in the plans are to top of topsoil. The depth of topsoil is assumed to be 6 inches. NDDOT Environmental staff will be onsite during construction to assist in determining exact final elevations of drain plugs.
- 100-P02 LANDOWNER COORDINATION: Do not begin work prior to September 1st or until the crop planted within the easement area has been harvested in full, whichever is later. No construction is allowed until the contractor has received confirmation from NDDOT Project Representative or Engineer.
- 100-P03 PROJECT REPRESENTATIVE: Russell Senske, NDDOT Wetland Specialist (701) 328-2188
- 105-P01 UTILITY COORDINATION: No utility relocations are planned. All utilities on the project need to be protected and remain in existing locations.
- 105-P02 UTILITY COORDINATION: Contact West River Communications – 701-748-2211 prior to construction to notify them of construction activities adjacent to their easement.
- 203-P01 BORROW EXCAVATION: Excavate all borrow needed for the project from within the existing wetland. Borrow depths cannot exceed 12-inches. Compaction requirements are as specified in Section 203.04 G.4, Compaction Control, Type C of the Standard Specifications. Do not use topsoil for drain plug construction. Payment for the bid item “ Borrow Excavation” will be paid at plan quantity.
- 203-PO2 ROCK EXCAVATION: Rock Excavation consists of relocating two rock piles as depicted in the plans. All rock to remain property of the owner. Contractor to coordinate relocation with property owner.
- 203-PO3 COMMON EXCAVATION: All excavation and embankment material will be paid as “Common Excavation – Type C” at plan quantity.

When placing excavated material, remove rocks over 4 inches in diameter and all deleterious material from the excavated material. Place excavated material as specified in Section 203.04 G.4, “Compaction Control, Type C”.

Include all costs to excavate, place, dispose, and haul excavated material in the unit bid price for “COMMON EXCAVATION – TYPE C”.

- 251- P01 WETLAND SEED – Remove and replace Table 251-02 "Wetland Seed Mix" of the NDDOT Standard Specifications for Road and Bridge Construction with the following seed mix:
Wetland Seeding:

Common name	Species	Full Seeding Rate (PLS/ac.)	% in mixture	PLS LBS./ac.
Prairie Cord Grass	Spartina pectinata	N/A	N/A	5.0
American Slough Grass	Beckmannia syzigachne	N/A	N/A	1.0
Fowl Blue Grass	Poa palustris	N/A	N/A	0.2
Fox Sedge	Carex vulpinoidea	N/A	N/A	0.2
American Manna Grass	Glyceria grandis	N/A	N/A	0.2
Fowl Manna Grass	Glyceria striata	N/A	N/A	0.1
Bluejoint grass	Calamagrostis canadensis	N/A	N/A	0.1
Canada Wildrye	Elymus Canadensis	N/A	N/A	4
Southern Blue Flag	Iris Virginica Shrevei	N/A	N/A	3
Common Buttonbush	Cephalanthus Occidentalis	N/A	N/A	3
Joe Pye Weed	Trumpetweed Eutrochium Maculatum	N/A	N/A	2
Total				18.8

- 251-P02 SEEDING CLASS III – Provide the following mixes for the various areas shown in the plans.
Upland Seeding:

Common Name	Species	Variety	Full Seeding Rate - PLS/ac.	% in Mixture	PLS Lbs./ac
Prarie June Grass	<i>Koeleria macrantha</i>	Common	1.0		0.50
Slender wheatgrass	<i>Elymus trachycaulus</i>	Firestike, Pryor	5.5		2.00
Tall wheatgrass	<i>Thinopyrum ponticum</i>	Platte	13.5		3.50
Western Wheatgrass	<i>Pascopyrum smithii</i>	Rodan, Rosana	10		3.50
Big Bluestem	<i>Andropogon Gerardi</i>	Bison	7.5		6.00
Green Wheatgrass	<i>Elymus hoffmannnii</i>	AC Saltlander	5.5		5.00
Switchgrass	<i>Panicum virgatum</i>		4.5		2.50
Total Grasses					23.00
Black eyed susan	<i>Rhudbeckia hurta</i>		0.8		0.40
Culvers root	<i>Veronicastrum virginicum</i>		0.1		0.05
Joe Pye Weed	<i>Eupatorium maculatum</i>		0.7		0.35
canada goldenrod	<i>Solidago canadensis</i>		0.2		0.20
Stiff sunflower	<i>Solidago rigida</i>		2.5		2.50
maximilian sunflower	<i>Helianthus maximiliani</i>		1.0		2.00
wild bergamot	<i>Monarda fistulosa</i>		0.9		0.40
Lewis Flax	<i>Linum lewisii</i>		3.8		3.00
Purple Prairie Clover	<i>Dalea pururea</i>		3.5		1.50
Gray headed cone flower	<i>Ratibida columnifera</i>		1.7		1.00
New England Aster	<i>Aster novae-angliae</i>		1		0.50
Total Forbs					11.90
Total seed PLS/acre					34.90



ENVIRONMENTAL NOTES

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ENVIRONMENTAL NOTES (EN): The North Dakota Department of Transportation have made environmental commitments to secure approval of this project. The following environmental notes are requirements to comply with these commitments:

EN-1 THREATENED AND ENDANGERED SPECIES: If any threatened and endangered species are identified within 1 mile of the project, the Contractor will notify the Engineer immediately and cease construction activities in the vicinity until an avoidance area is established. The Engineer will establish an avoidance area that is at least a 0.5 mile and immediately coordinate with the USFWS (701-355-8513), FHWA (701-221-9464), and NDDOT Environmental and Transportation Services (701-328-2592). The Contractor will not resume work within the avoidance area until the Engineer has confirmed with the agencies that work may proceed (either the species have left the area, or approved avoidance/minimization measures have been implemented).

EN-2 WETLAND MITIGATION: After completion of the mitigation area, the Engineer will complete the Onsite Mitigation Certification Form SFN 61042. Any sedimentation occurring within the mitigation area will be removed.



Estimated Quantities					ou	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
						ND	ARP-9-999(489)	8	1
SPEC	CODE	ITEM DESCRIPTION	UNIT	Mainline: Funding A					TOTAL
103	0100	CONTRACT BOND	L SUM	1					1
203	0103	COMMON EXCAVATION-TYPE C	CY	141					141
203	0109	TOPSOIL	CY	1778					1778
203	0110	ROCK EXCAVATION	CY	282					282
203	0140	BORROW-EXCAVATION	CY	3058					3058
251	0300	SEEDING CLASS III	ACRE	18.447					18.447
251	1000	WETLAND SEED	ACRE	36.457					36.457
251	2000	TEMPORARY COVER CROP	ACRE	2.148					2.148
253	0201	HYDRAULIC MULCH	ACRE	4.296					4.296
255	0200	TRM SPECIAL	SY	4934					4934
260	0100	SILT FENCE UNSUPPORTED	LF	465					465
260	0101	REMOVE SILT FENCE UNSUPPORTED	LF	465					465
261	0112	FIBER ROLLS 12IN	LF	5734					5734
261	0113	REMOVE FIBER ROLLS 12IN	LF	2867					2867
265	0100	STABILIZED CONSTRUCTION ACCESS	EA	1					1
265	0101	REMOVE STABILIZED CONSTRUCTION ACCESS	EA	1					1
302	0121	AGGREGATE BASE COURSE CL 5	CY	72					72
702	0100	MOBILIZATION	L SUM	1					1
754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	4.25					4.25
900	0700	FLEXIBLE GROWTH MEDIUM	SY	4934					4934

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Earthwork Summary						
LOCATION	Excavation (CY)	Embankment (CY)*	COMMON EXCAVATION - TYPE C (CY)	BORROW - EXCAVATION (CY)	TOPSOIL (CY)	AGGREGATE BASE COURSE CL5
	Not a Pay Item	Not a Pay Item	203-0103	203-0140	203-0109	302-0121
	A	B	C=A	D=B-C	6" DEPTH	6" DEPTH
Ditch 1 & 2	19	3016	19	2997	1733	
Entrance 1	57	88	57	31	21	36
Entrance 2	65	95	65	30	24	36
TOTALS	141	3199	141	3058	1778	72

*Quantity includes 25% for shrinkage

	TOPSOIL (TRM - SPECIAL)				
	203-0108		Balance (CY)	Areas where TRM - Special is to be used	
	Estimated Topsoil Stripping (CY)	Estimated Topsoil Required (CY)		Above TRM 1" Min. (CY)	Below TRM (CY)
DITCH 1	693	669	24	82	411
DITCH 2	1045	1116	-71	55	275
Project Totals	1738	1785	-47	137	685

Wetland Mitigation Bank

Earthwork Table

Sheridan County, ND

REGISTERED PROFESSIONAL ENGINEER

DANIEL ELEMES

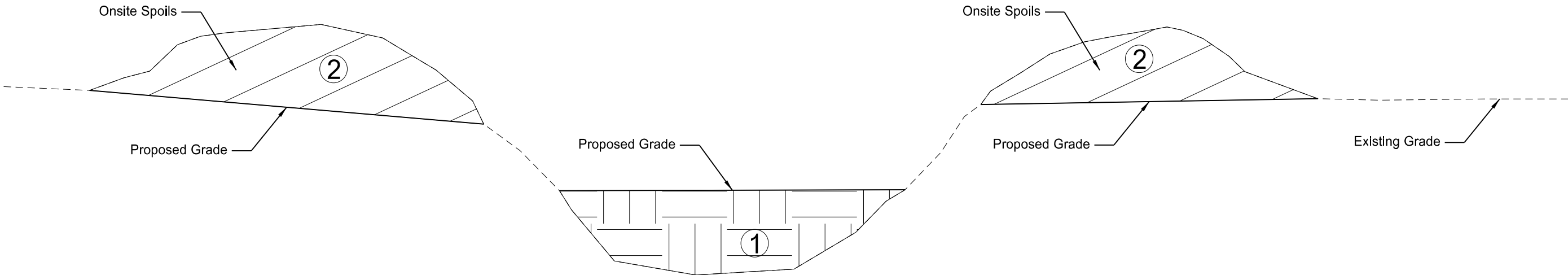
PE-28626

DATE 07/02/2024

NORTH DAKOTA

Daniel Elemes

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
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Ditch Spoiling Detail
Not to Scale

- Notes:
- 1. Fill in Area ① using material excavated from Area ②
 - 2. Excavating and partially filling the ditch with spoils to be paid for by COMMON EXCAVATION - TYPE C.

Wetland Mitigation Bank

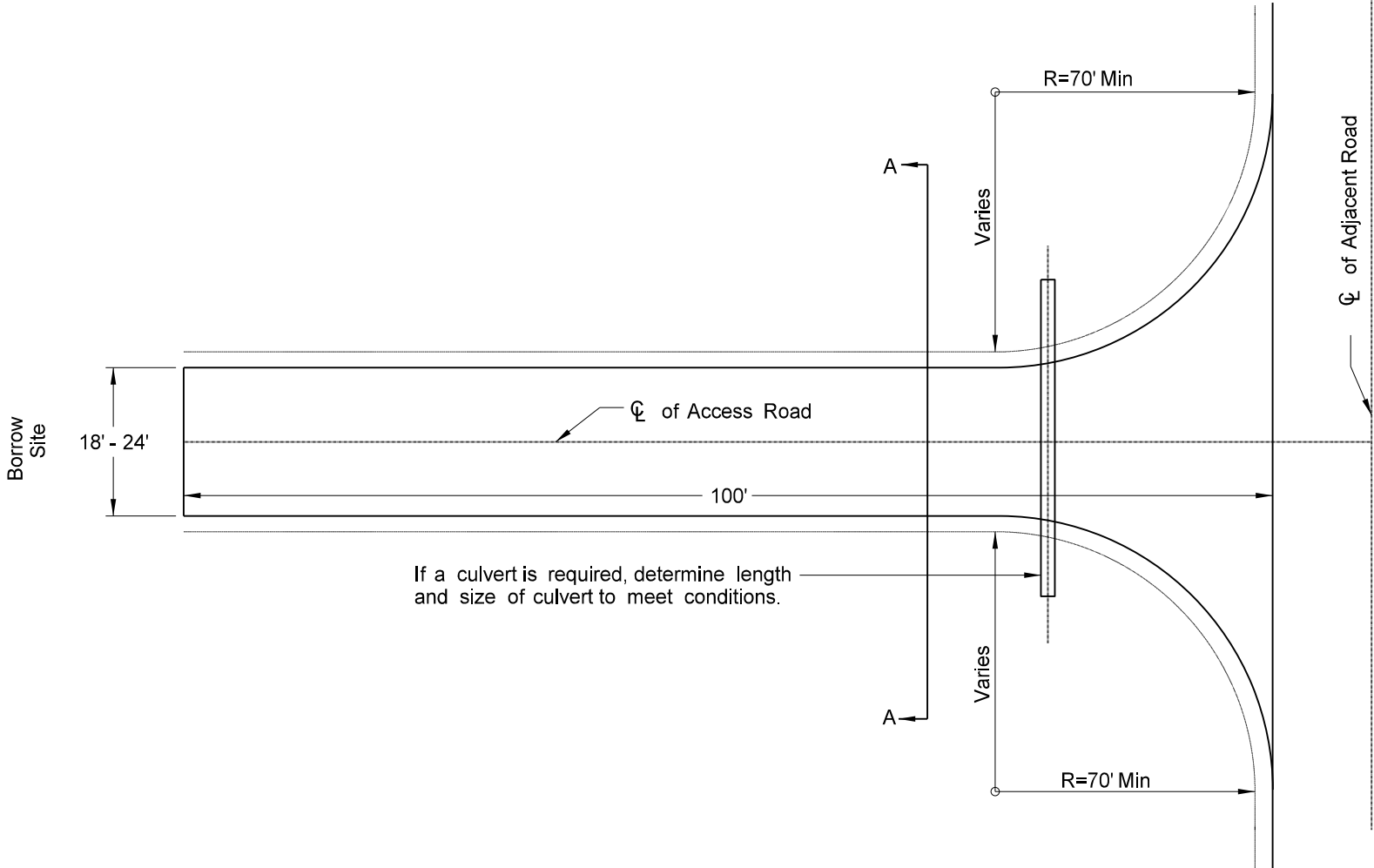
Ditch Spoils Detail

Sheridan County, ND

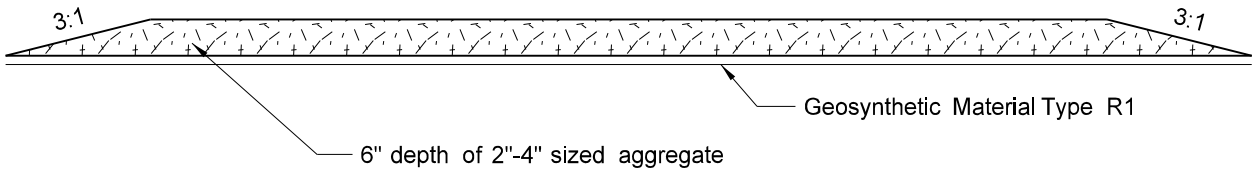


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Stabilized Construction Access
9th Ave NE Sheridan County 1 EA

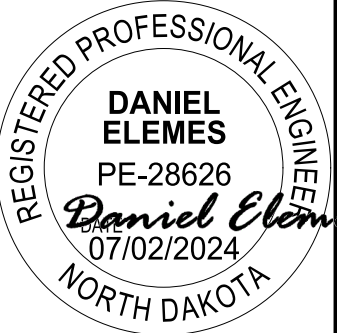


PLAN VIEW

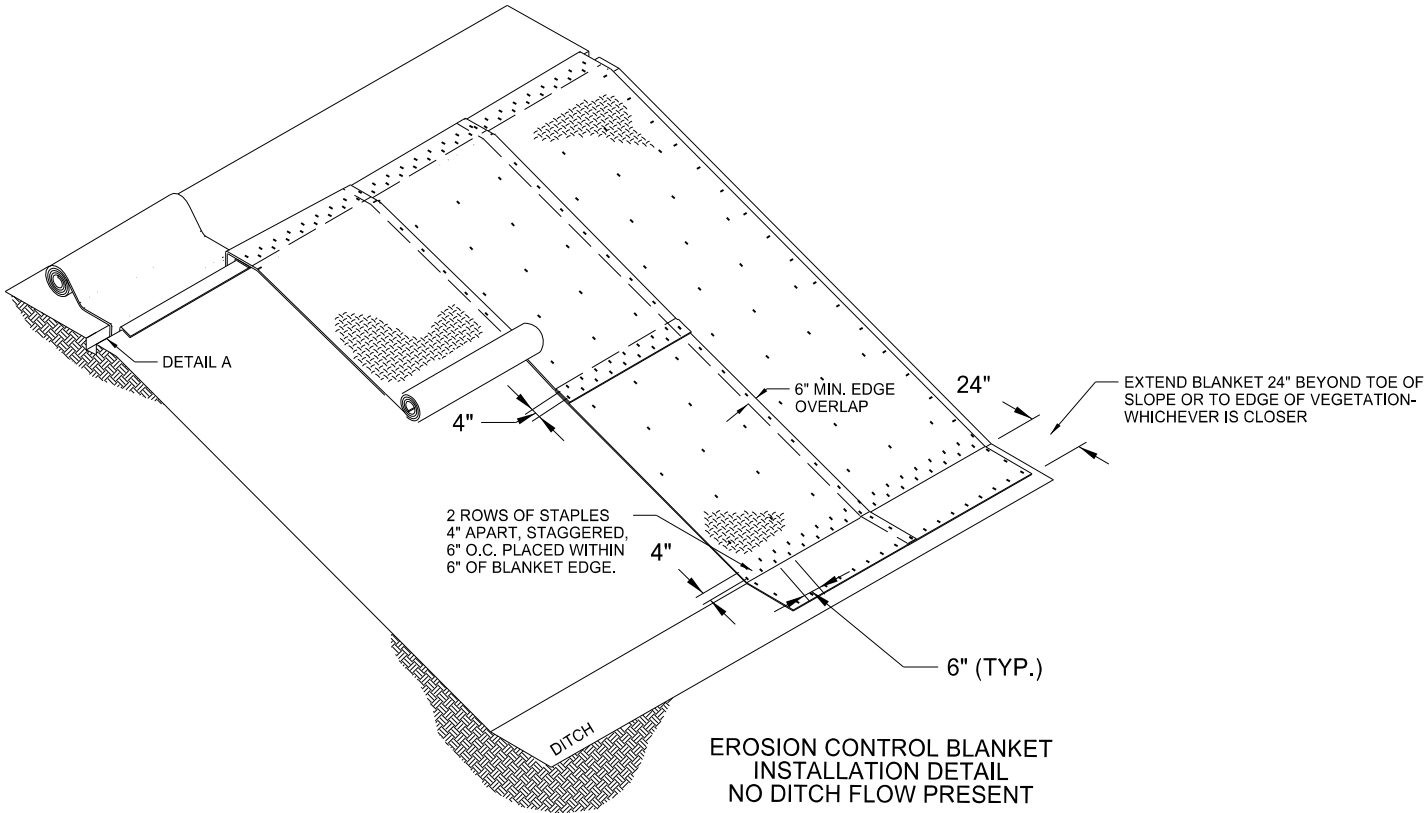


A - A Cross Section

Wetland Mitigation Bank
Stabilized Construction Access
Sheridan County, ND

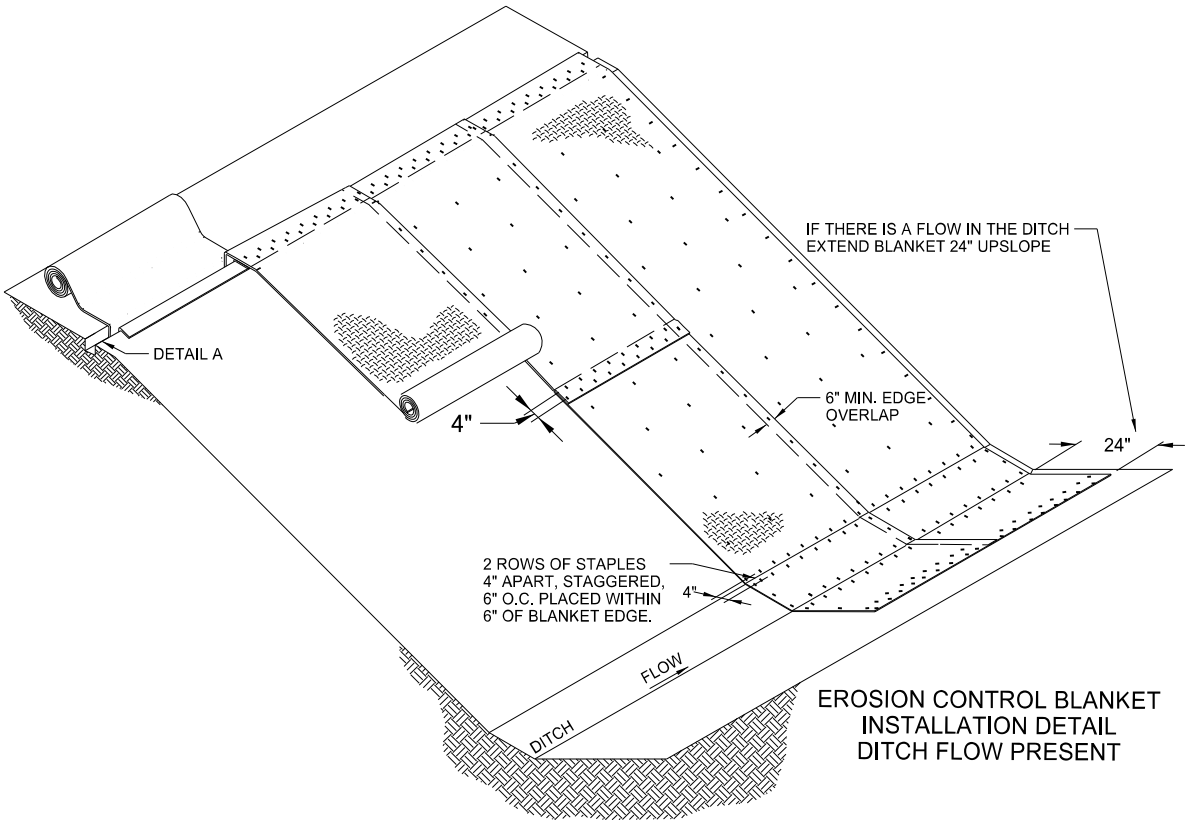
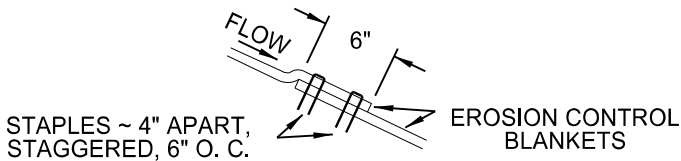


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	ARP-9-999(489)	20	3

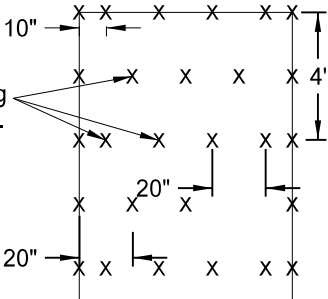


INSTALLATION STEPS:

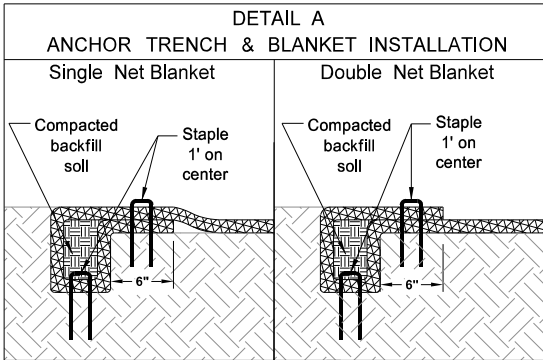
1. Prepare smooth slope per spec. section 255
2. Amend soil and seed, as specified.
3. Dig anchor trench. Set aside native soil removed from trench.
4. Secure blanket in anchor trench, staking or stapling blanket as shown.
5. Replace native soil previously removed from trench.
6. Staple blanket as shown so there are no gaps between the blanket and the soil. Staple while unrolling blanket to minimize walking on blanket.
7. Install splices a minimum 24 inches prior to toe of slope.



3.8 staples per square yard using 8-inch 11 gauge wire "u" staples.

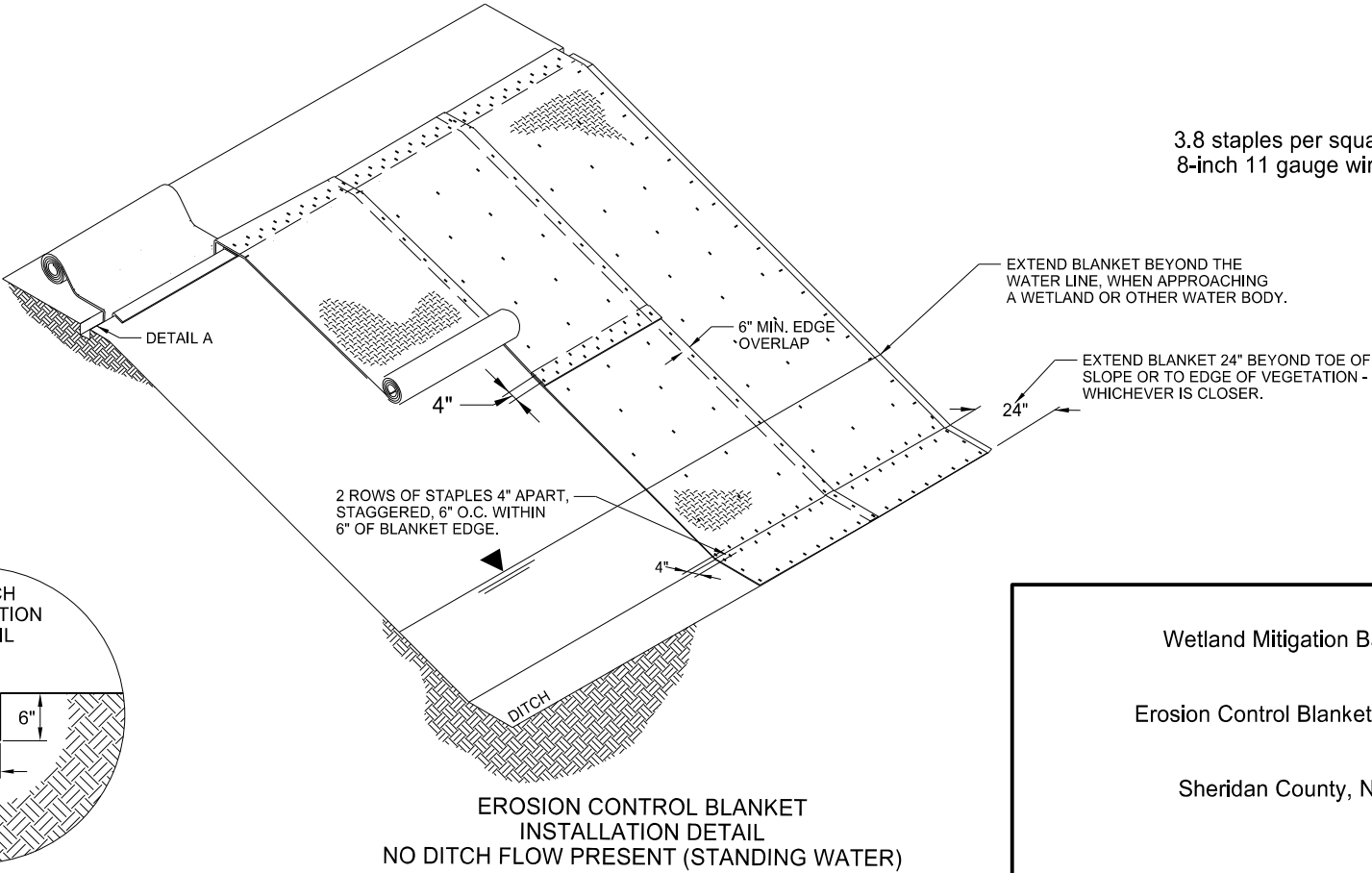
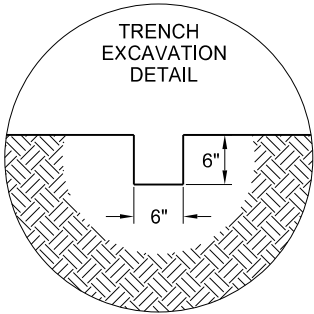


STAPLE PATTERN



NOTE:

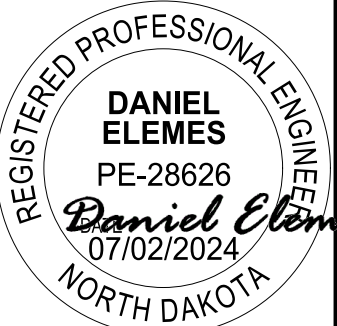
Install Single Net Blanket with netting on top of installed blanket.



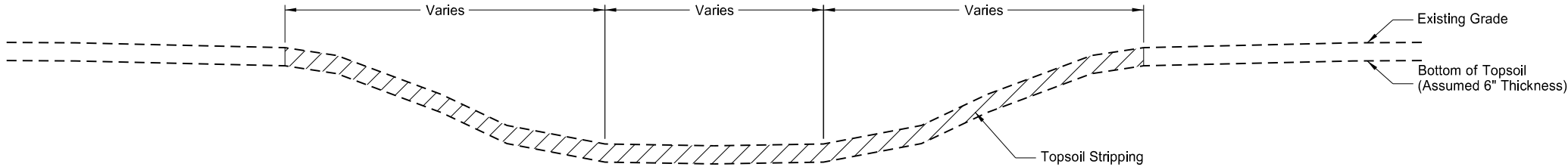
Wetland Mitigation Bank

Erosion Control Blanket Detail

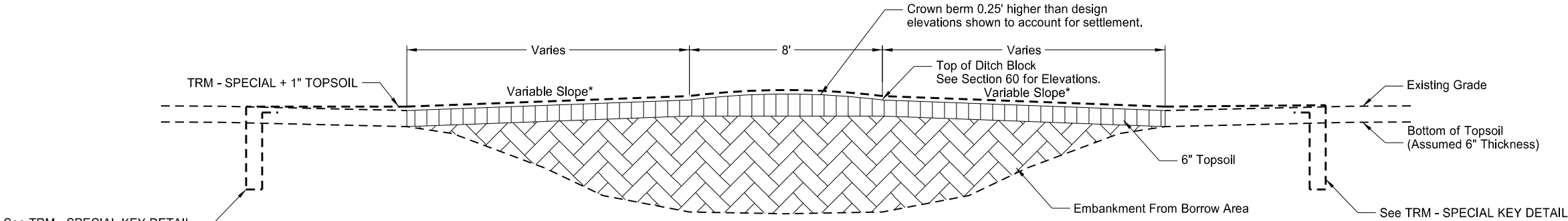
Sheridan County, ND



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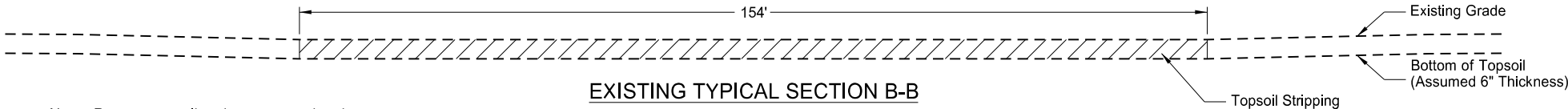
A-A EXISTING TYPICAL SECTION



DITCH BLOCK TYPICAL SECTION A-A
NOT TO SCALE

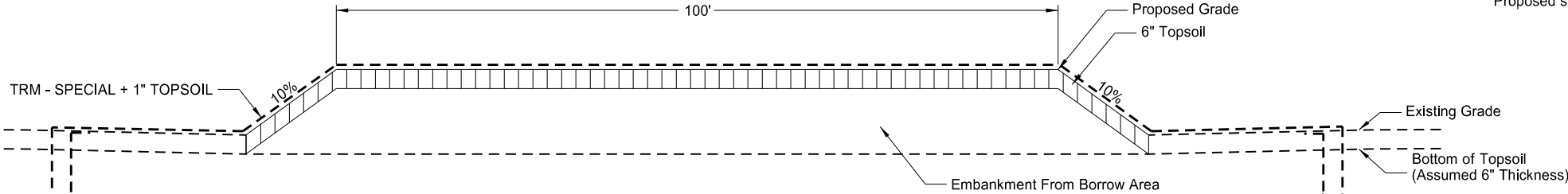
SEE SECTION 60 FOR A-A SECTION LOCATIONS

Transition - Sta 1003+50.00 to 1004+18.00
Ditch Block 1 - Sta 1004+18.00 to 1005+18.00
Ditch/Transition - Sta 1005+18.00 to 1009+59.50
Ditch Block 2 - Sta 1009+59.50 to 1010+59.50
Transition - Sta 1010+59.50 to 1011+50.00
Transition - Sta 2000+20.00 to 2000+90.00
Ditch Block 3 - Sta 2000+90.00 to 2001+90.00
Ditch/Transition - Sta 2001+90.00 to 2005+52.40



EXISTING TYPICAL SECTION B-B

Note: Remove topsoil and any accumulated sediment to expose native soils prior to placing fill.



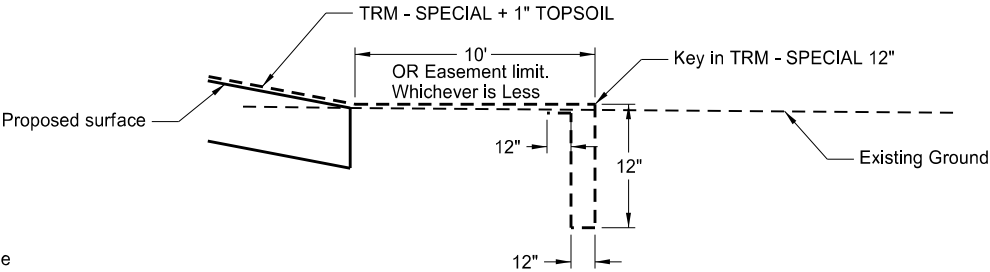
DITCH BLOCK TYPICAL SECTION B-B

NOT TO SCALE

Sta 1003+50.00 - 1005+18.00
Sta 1009+59.50 - 1011+50.00

SEE SECTION 60 FOR B-B SECTION LOCATIONS

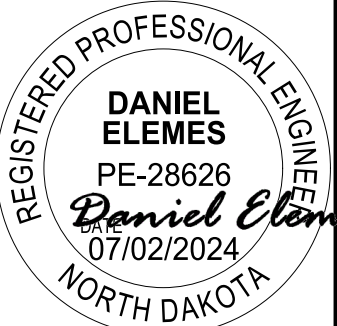
TRM - SPECIAL KEY DETAIL
NOT TO SCALE

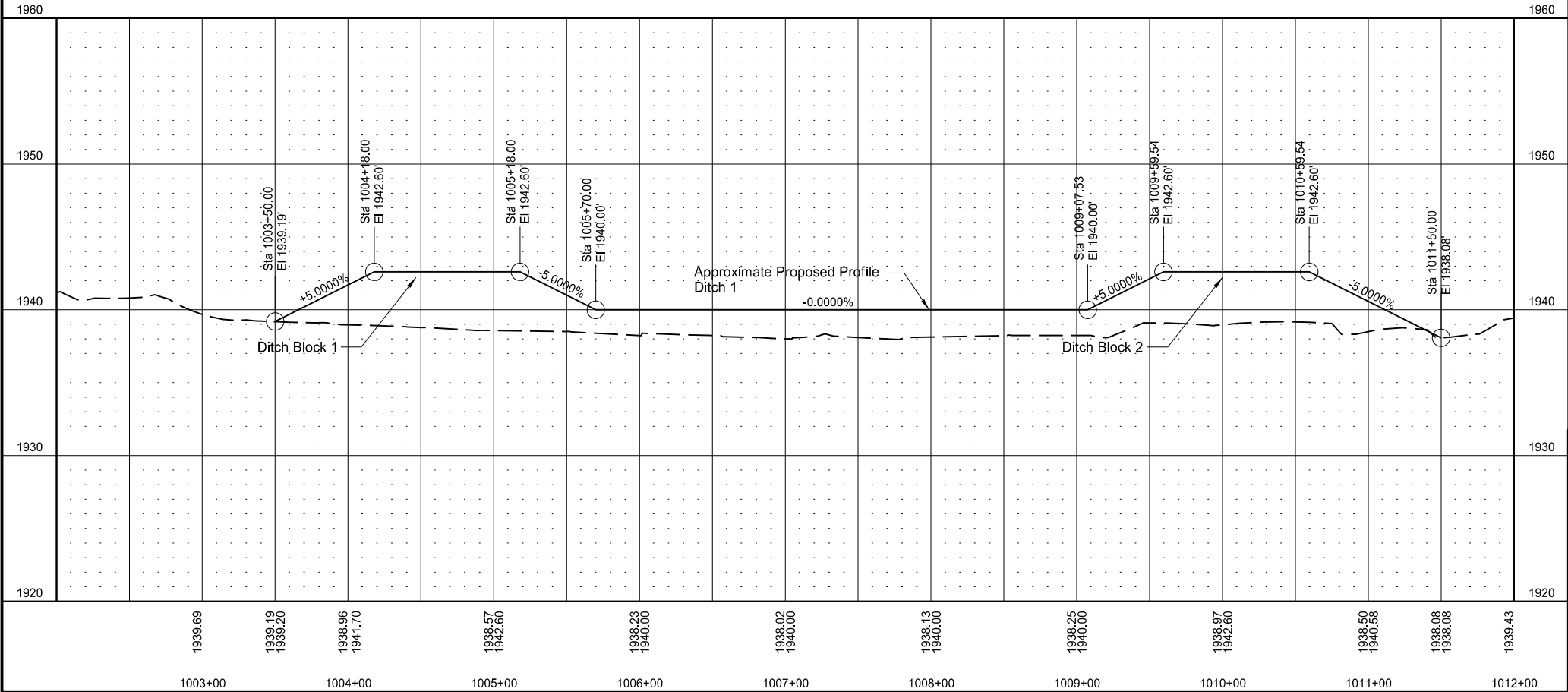
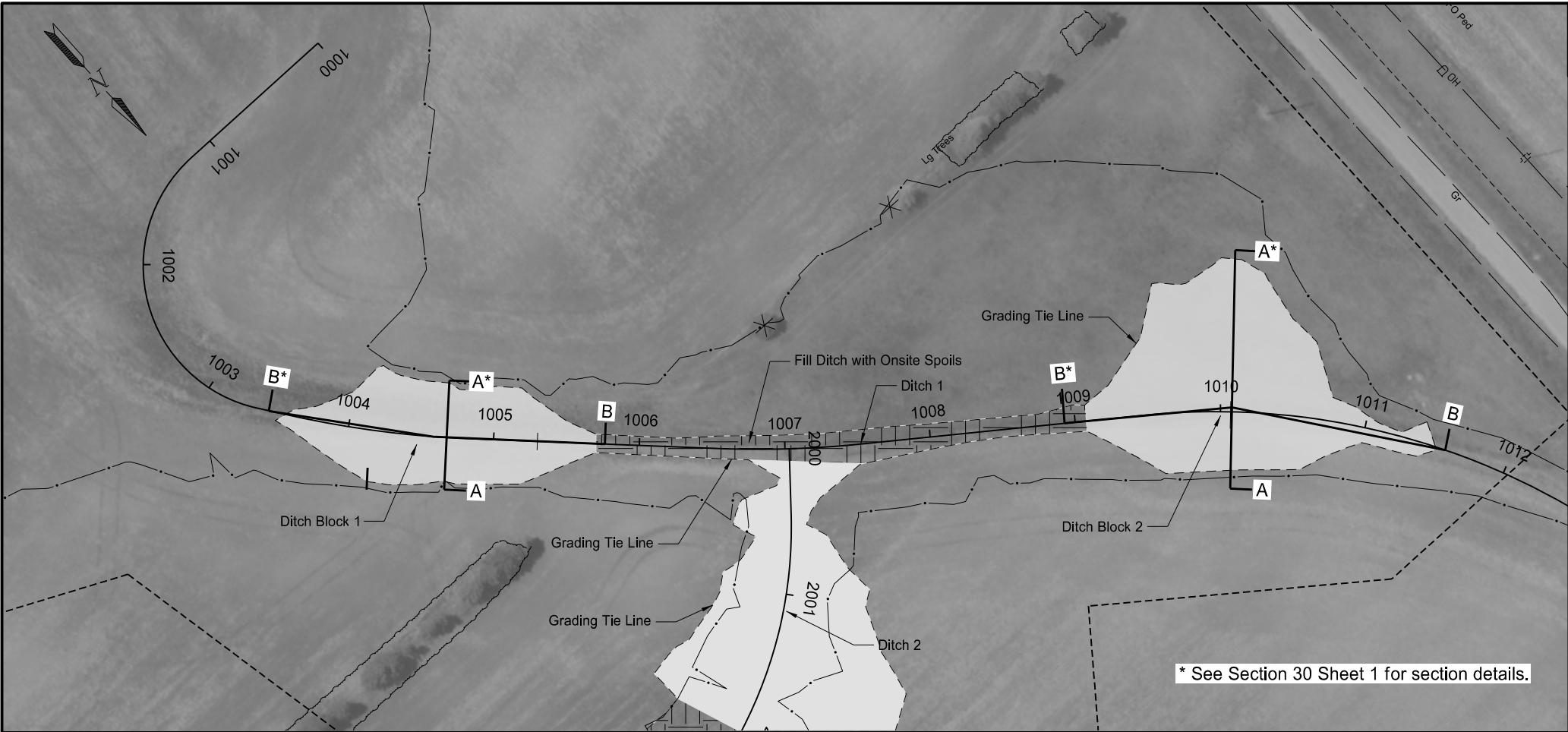


Wetland Mitigation Bank

Typical Section

Sheridan County, ND





LEGEND

Ditch Block

Fill Ditch with Onsite Spoils

Wetland Mitigation Bank

Plan & Profile
Ditch 1, Ditch Blocks & Plunge Pools

Sheridan County, ND

REGISTERED PROFESSIONAL ENGINEER

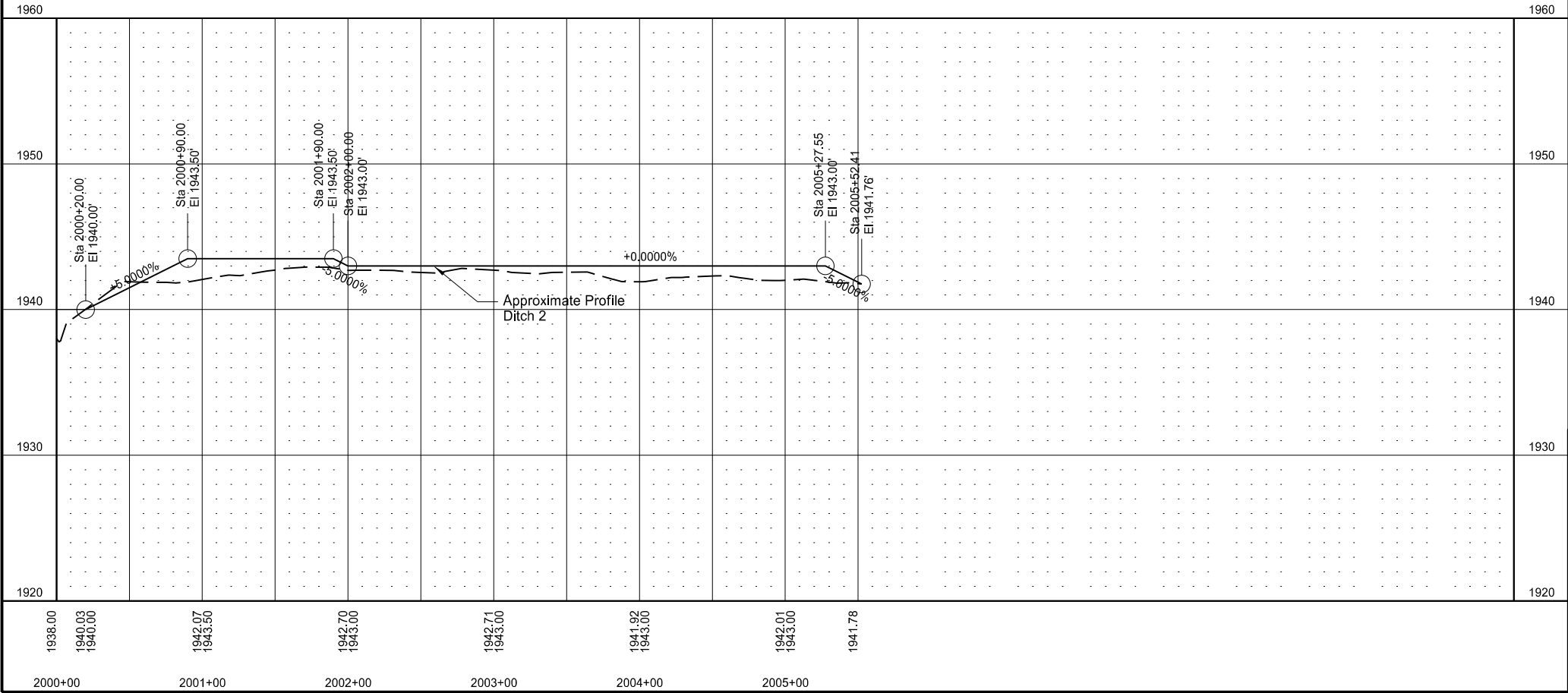
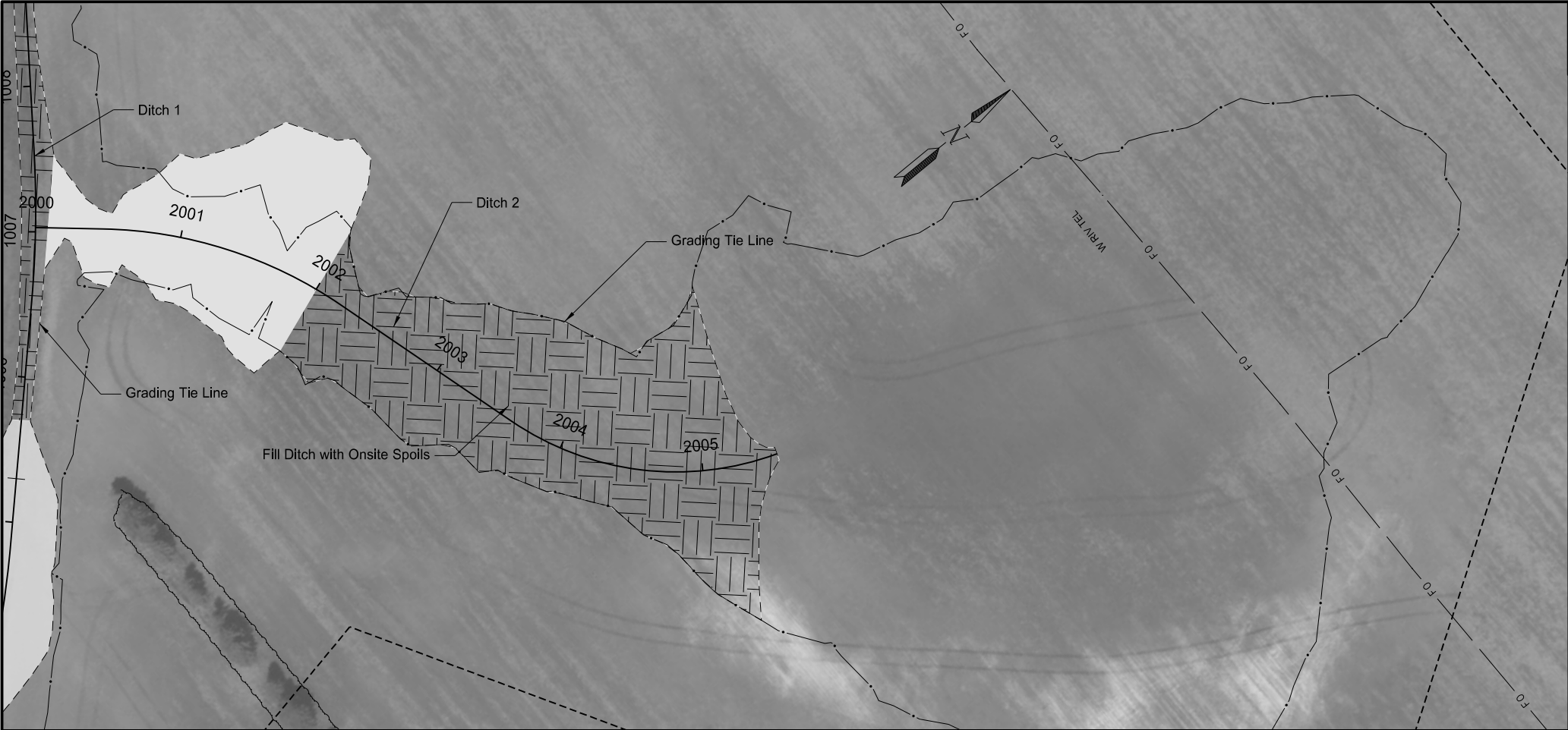
DANIEL ELEMES

PE-28626

Daniel Elemes

07/02/2024

NORTH DAKOTA



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
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LEGEND

Ditch Block

Fill Ditch with Onsite Spoils

Wetland Mitigation Bank

Plan & Profile
Ditch 2, Fill Ditch with Onsite Spoils

Sheridan County, ND

REGISTERED PROFESSIONAL ENGINEER
DANIEL ELEMES
 PE-28626
 DATE 07/02/2024
 NORTH DAKOTA

Daniel Elemen



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
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SPEC	CODE	PAY ITEM	QTY	UNIT
251	2000	TEMPORARY COVER CROP		
		DITCH 1	0.844	ACRE
		DITCH 2	1.304	ACRE
253	0201	HYDRAULIC MULCH		
		DITCH 1	0.844	ACRE
		DITCH 2	1.304	ACRE
260	0100	SILT FENCE UNSUPPORTED		
		STA 1003+40	90	LF
		STA 1011+60	75	LF
		DITCH 2	300	LF
260	0101	REMOVE SILT FENCE UNSUPPORTED		
		STA 1003+40	90	LF
		STA 1011+60	75	LF
		DITCH 2	300	LF
261	0112	FIBER ROLLS 12IN		
		STA 1003+75 TO 1011+45 LT	907	LF
		STA 1003+75 TO 1006+75 RT	336	LF
		STA 1007+75 TO 1011+45 RT	409	LF
		STA 2000+25 to 2005+25 LT	607	LF
		STA 2000+25 to 2005+35 RT	608	LF
261	0113	REMOVE FIBER ROLLS 12IN		
		STA 1003+75 TO 1011+45 LT	907	LF
		STA 1003+75 TO 1006+75 RT	336	LF
		STA 1007+75 TO 1011+45 RT	409	LF
		STA 2000+25 to 2005+25 LT	607	LF
		STA 2000+25 to 2005+35 RT	608	LF
265	0100	STABILIZED CONSTRUCTION ACCESS		
		APPROACH DRIVE	1	EA
265	0101	REMOVE STABILIZED CONSTRUCTION ACCESS		
		APPROACH DRIVE	1	EA

LEGEND

HYDRAULIC MULCH & TEMPORARY COVER CROP

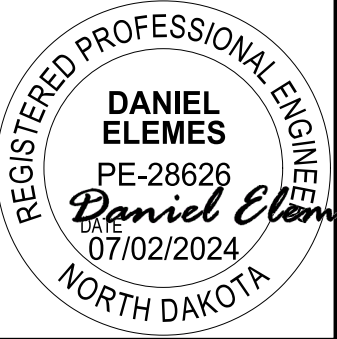
FIBER ROLL 12 IN

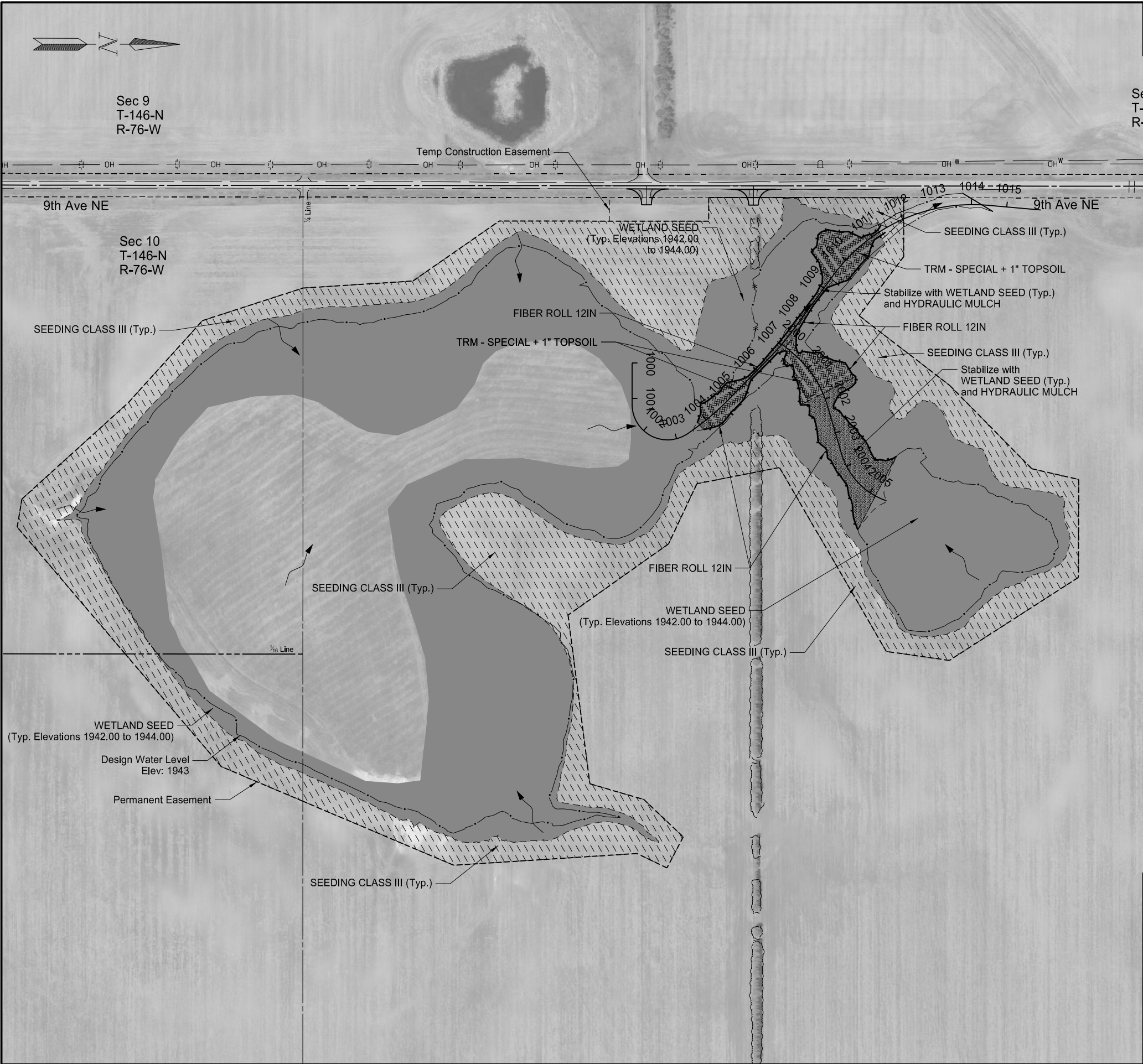
DIRECTION OF FLOW

Wetland Mitigation Bank

Temporary Erosion Control

Sheridan County, ND





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SPEC	CODE	PAY ITEM	QTY	UNIT
251	0300	SEEDING CLASS III		
		Work Area	18.447	ACRE
251	1000	WETLAND SEED		
		Work Area	36.457	ACRE
253	0201	HYDRAULIC MULCH		
		DITCH 1	0.844	ACRE
		DITCH 2	1.304	ACRE
255	020	TRM - SPECIAL		
		DITCH 1 - BLOCK 1	1075	SY
		DITCH 1 - BLOCK 2	1881	SY
		DITCH 2 - BLOCK 3	1978	SY
261	0112	FIBER ROLLS 12IN		
		STA 1003+75 TO 1011+45 LT	907	LF
		STA 1003+75 TO 1006+75 RT	336	LF
		STA 1007+75 TO 1011+45 RT	409	LF
		STA 2000+25 TO 2005+25 LT	607	LF
		STA 2000+25 TO 2005+35 RT	608	LF
900	0700	FLEXIBLE GROWTH MEDIUM		
		DITCH 1 - BLOCK 1	1075	SY
		DITCH 1 - BLOCK 2	1881	SY
		DITCH 2 - BLOCK 3	1978	SY

LEGEND

WETLAND SEED

SEEDING CLASS III

WETLAND SEED & TRM - SPECIAL

WETLAND SEED & HYDRAULIC MULCH

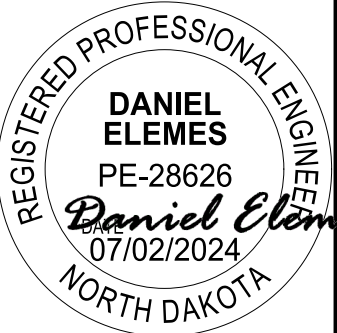
FIBER ROLL 12 IN

DIRECTION OF FLOW

Wetland Mitigation Bank

Permanent Erosion control

Sheridan County, ND



Alignment Name:PR9_DitchBlock

Alignment Description:

Alignment Style:Alignment\Horizontal\Small Scale\Alignment 6 S

CIRCLE
COMBINATION PI1003+11.52
Delta =125.52° Lt
D (Definition) () =57.30°
R =100
T =194.24
L =219.07

CIRCLE
COMBINATION PI1004+22.89
Delta =10.15° Lt
D (Definition) () =8.19°
R =700
T =62.19
L =124.05

CIRCLE
COMBINATION PI1007+03.01
Delta =8.04° Lt
D (Definition) () =8.19°
R =700
T =49.21
L =98.27

CIRCLE
COMBINATION PI1012+19.96
Delta =58.70° Rt
D (Definition) () =11.81°
R =485
T =272.72
L =496.88

Alignment Name:PR_DitchFill

Alignment Description:

Alignment Style:Alignment\Horizontal\Small Scale\Alignment 7 S

CIRCLE
COMBINATION PI2001+35.59
Delta =33.172° Rt
D (Definition) () =19.10°
R =300
T =89.36
L =173.69

CIRCLE
COMBINATION PI2004+65.07
Delta =54.59° Lt
D (Definition) () =28.65°
R =200
T =103.19
L =190.54

The diagram illustrates the horizontal alignment of two ditch projects. PR9_DitchBlock is shown as a series of connected circular curves with stationing from 1000 to 1015. PR_DitchFill is shown as a single circular curve starting at station 2000 and ending at 2005. A north arrow is located above the curves.

Element	Point	Station	Northing	Easting
Alignment PR9_DitchBlock				
Line	POB	1000+00.00 R1	176005.36	2005645.66
Curve	PC	1001+17.28 R1	176005.36	2005762.94
	PI	1003+11.52 R1	176005.36	2005957.18
Line	PT	1003+36.35 R1	176163.46	2005844.33
Curve	PC	1003+60.70 R1	176183.29	2005830.18
	PI	1004+22.89 R1	176233.90	2005794.05
Line	PT	1004+84.75 R1	176277.36	2005749.57
Curve	PC	1006+53.80 R1	176395.48	2005628.64
	PI	1007+03.01 R1	176429.87	2005593.43
Line	PT	1007+52.06 R1	176458.99	2005553.76
Curve	PC	1009+47.24 R1	176574.49	2005396.44
	PI	1012+19.96 R1	176735.89	2005176.60
Line	PT	1014+44.12 R1	177007.58	2005200.29
	POE	1015+96.12 R1	177159.01	2005213.50

Element	Point	Station	Northing	Easting
Alignment PR_DitchFill				
Line	POB	2000+00.00 R1	176428.55	2005592.31
Curve	PC	2000+46.23 R1	176463.71	2005622.33
	PI	2001+35.59 R1	176531.67	2005680.34
Line	PT	2002+19.92 R1	176556.81	2005766.09
Curve	PC	2003+61.87 R1	176596.75	2005902.31
	PI	2004+65.07 R1	176625.79	2006001.33

Wetland Mitigation Bank

Alignment Data

Sheriden County, ND

REGISTERED PROFESSIONAL ENGINEER

DANIEL ELEMES

PE-28626

DATE 07/02/2024

NORTH DAKOTA

Daniel Elemes

7/1/2024 6:20:52 PM casey.nelson C:\MOORE-CAD\BENTLEY\MICROSTATION\Common\Project Working Files\22314\A\ND\DOT\90999.489\Design\Plan\082SD.dgn

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	ARP-9-999(489)	110	1

SIGN NUMBER	Sign 1
WIDTH x HEIGHT	0'-5" x 0'-7"
BORDER WIDTH	0" (Inset 0")
CORNER RADIUS	0.38"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Brown
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE

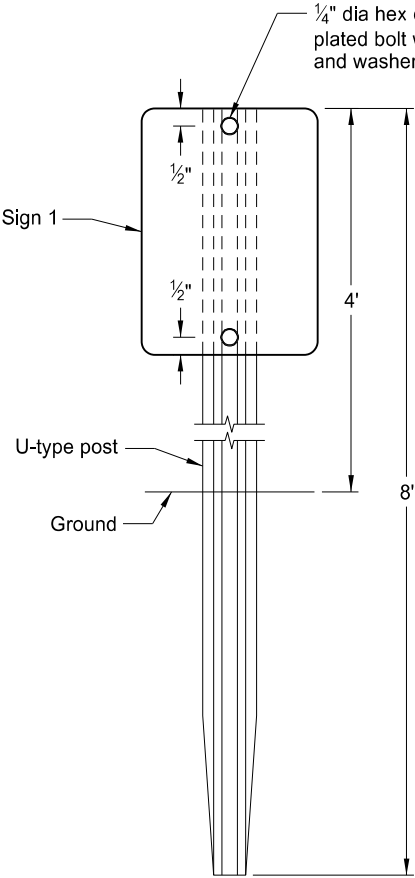
STATION(S):

AREA: 0.2 Sq.Ft.

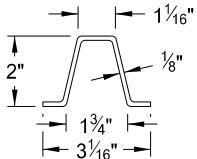


Dimensions are in inches.tenths

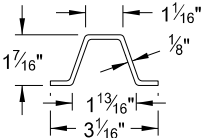
Letter locations are panel edge to lower left corner

[illegible]

POST

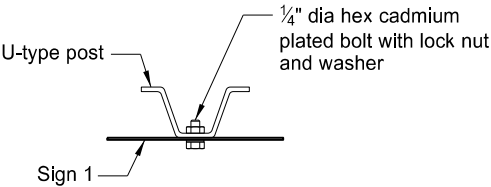


ALUMINUM POST DETAIL
Approx. 0.88 lbs/ft



STEEL POST DETAIL

Approx. 2 lbs/ft



SIGN ATTACHMENT DETAIL

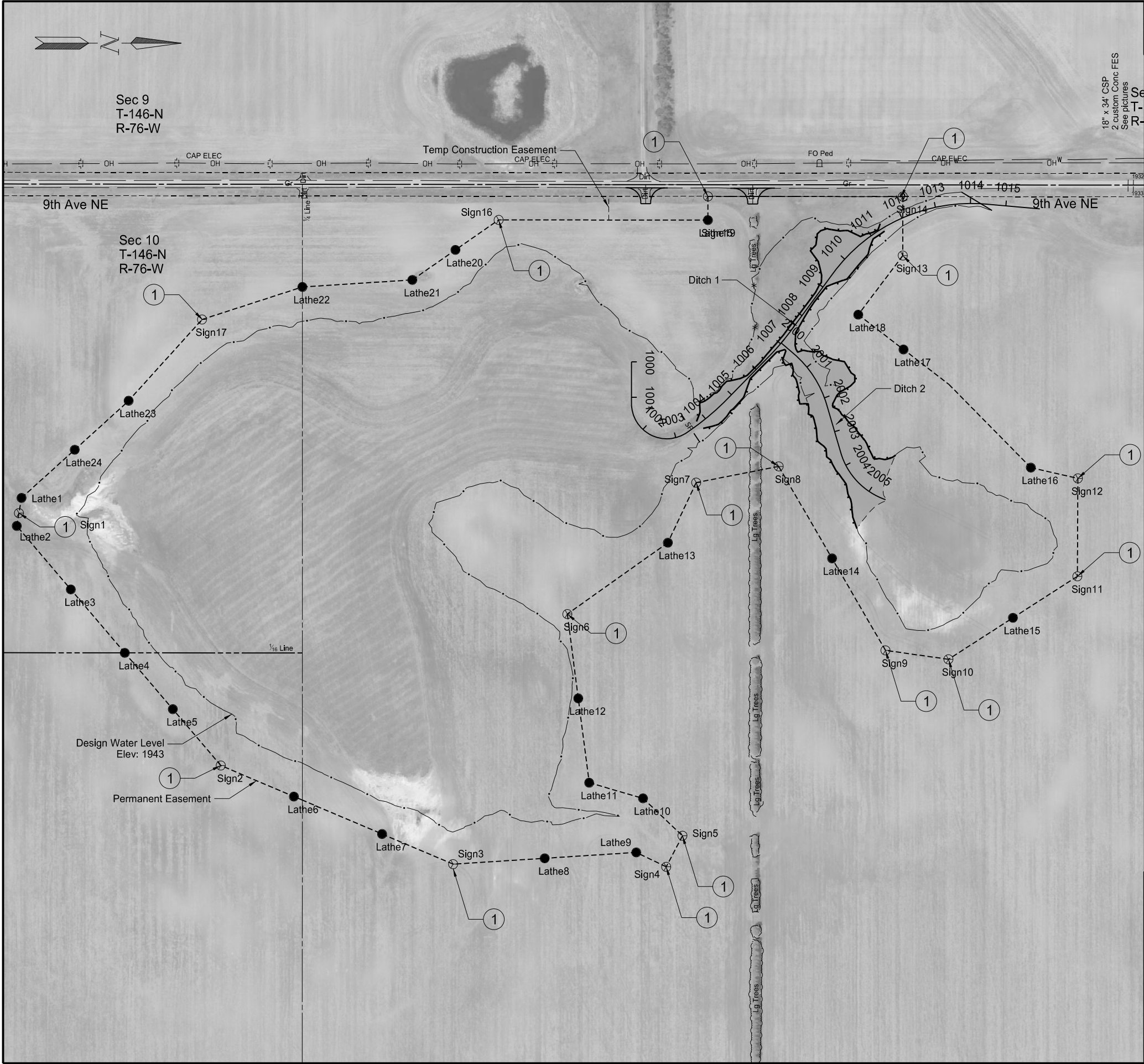
Notes:

1. Posts shall conform to Section 894.06 of the Standard Specifications. Steel posts shall be galvanized.
2. The cost to furnish and install the posts shall not be paid for separately but shall be included in the price bid for "Flat sheet for signs - type IV refl sheeting."



Sign and Post Details

Wetland Mitigation Boundary



● = Wood Lathes: to be place prior to construction. Engineer to field verify locations. Lathes are to be left inplace post construction and will remain inplace for no less than 1 growing season, at which time the DOT will remove lathes. Include the cost of supplying and placing wood lathe in the contract unit price of " Flat Sheet for Signs - Type IV Reflective Sheeting"

Sign 1

1

**WETLAND
MITIGATION
BOUNDARY**

**NDOT/LANDOWNER
PARTNERSHIP**

NOTES:
Sign location are approximate, engineer to field verify locations prior to placement.

See Sign and Post Details for information.

Point Name	Northing	Easting
Sign1	174274.90	2006072.94
Sign2	174845.11	2006785.89
Sign3	175501.47	2007064.64
Sign4	176103.63	2007072.13
Sign5	176149.60	2006984.33
Sign6	175824.32	2006358.05
Sign7	176188.35	2005986.76
Sign8	176421.35	2005940.99
Sign9	176723.14	2006460.69
Sign10	176901.07	2006485.91
Sign11	177265.38	2006251.50
Sign12	177266.69	2005974.86
Sign13	176772.00	2005345.44
Sign14	176772.18	2005178.85
Sign15	176221.45	2005245.28
Sign16	175630.14	2005244.66
Sign17	174792.14	2005525.99

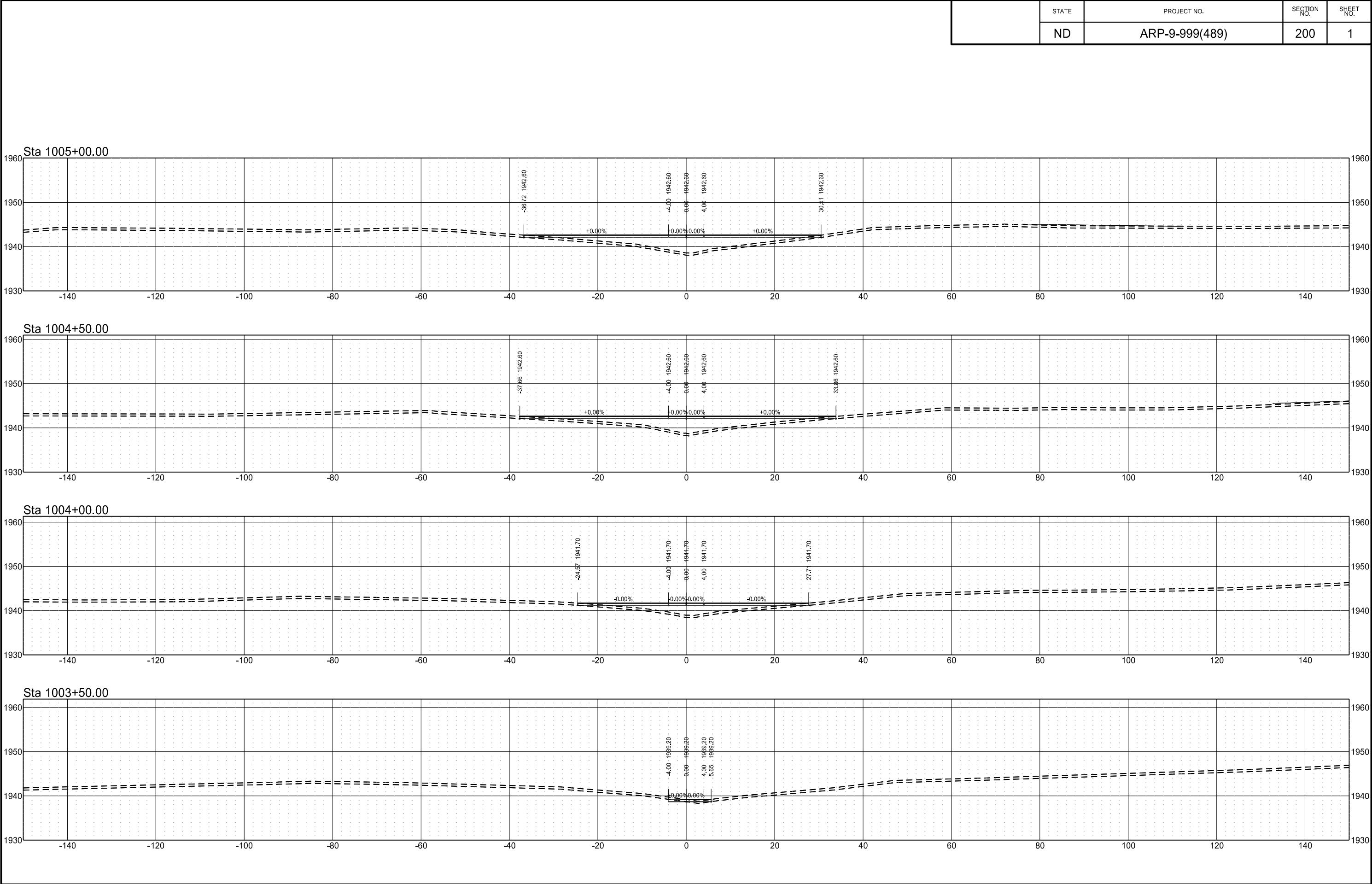
Point Name	Northing	Easting
Lathe1	174282.24	2006029.93
Lathe2	174268.70	2006109.33
Lathe3	174421.35	2006288.50
Lathe4	174573.99	2006467.67
Lathe5	174709.55	2006626.78
Lathe6	175051.67	2006873.62
Lathe7	175300.82	2006979.43
Lathe8	175760.23	2007048.03
Lathe9	176018.98	2007031.42
Lathe10	176038.11	2006878.70
Lathe11	175886.00	2006834.56
Lathe12	175855.16	2006596.30
Lathe13	176108.28	2006156.55
Lathe14	176572.25	2006200.84
Lathe15	177083.23	2006368.70
Lathe16	177133.79	2005944.40
Lathe17	176774.13	2005610.69
Lathe18	176646.29	2005512.35
Lathe19	176221.45	2005245.28
Lathe20	175508.21	2005329.43
Lathe21	175386.27	2005414.19
Lathe22	175075.77	2005434.12
Lathe23	174584.80	2005755.48
Lathe24	174432.43	2005893.91

Wetland Mitigation Bank

Signing

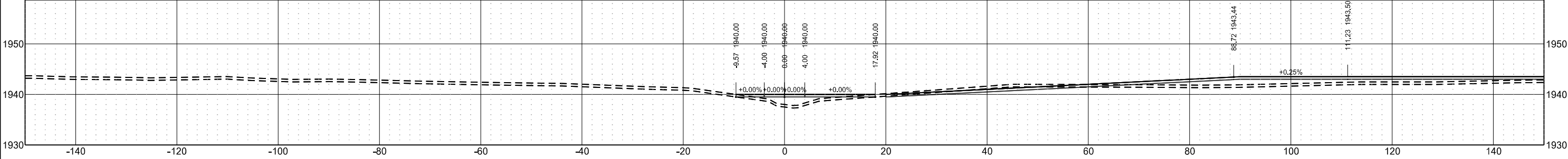
Sheridan County, ND



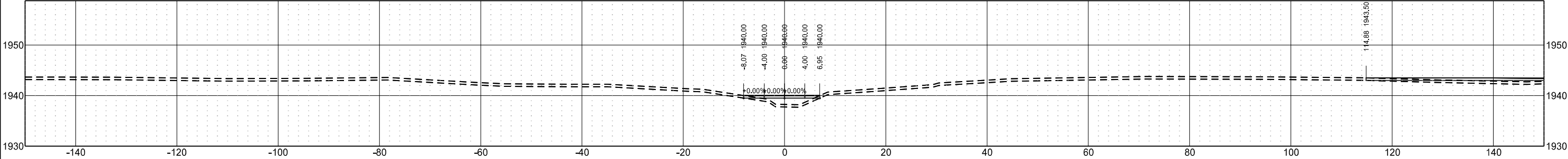


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	ARP-9-999(489)	200	2

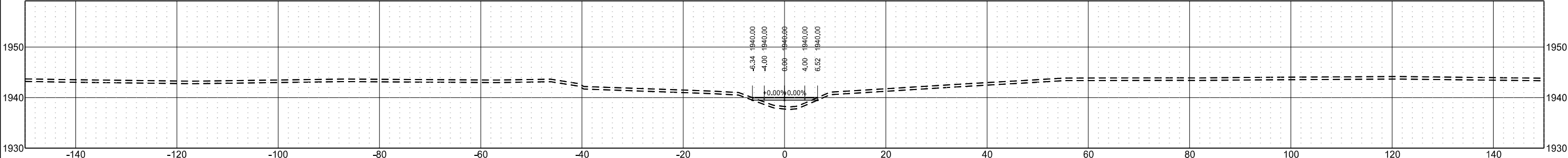
Sta 1007+00.00



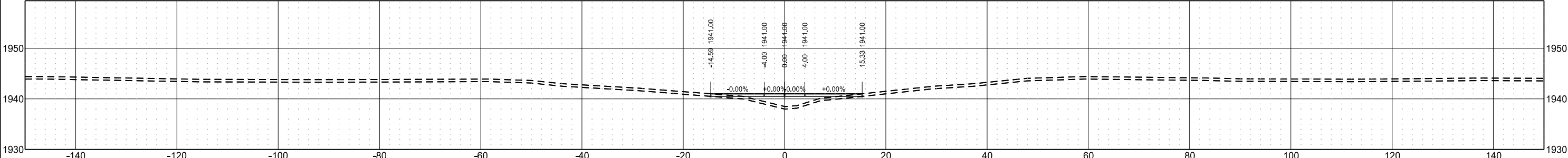
Sta 1006+50.00



Sta 1006+00.00

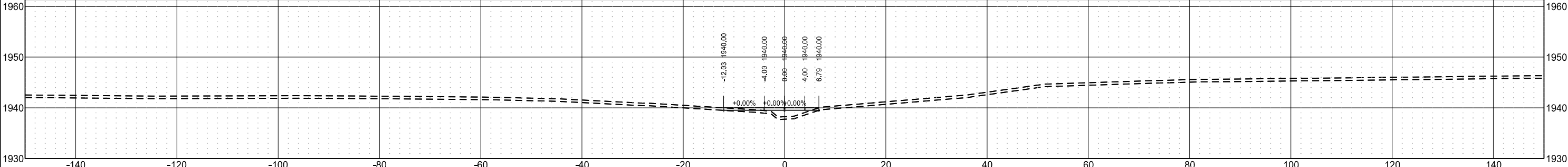


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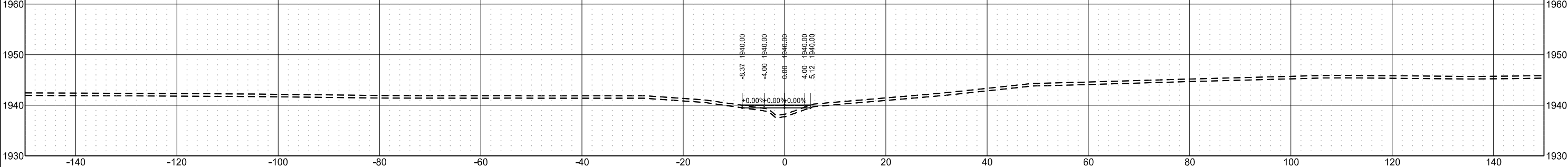


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	ND	ARP-9-999(489)	200	3

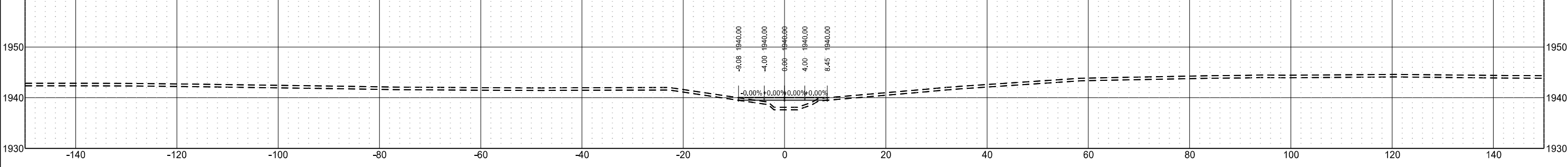
Sta 1009+00.00



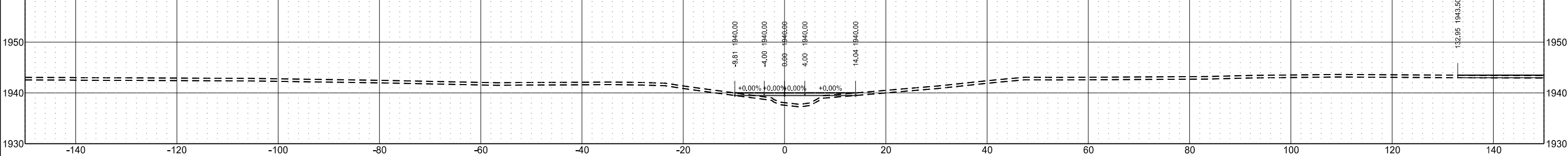
Sta 1008+50.00

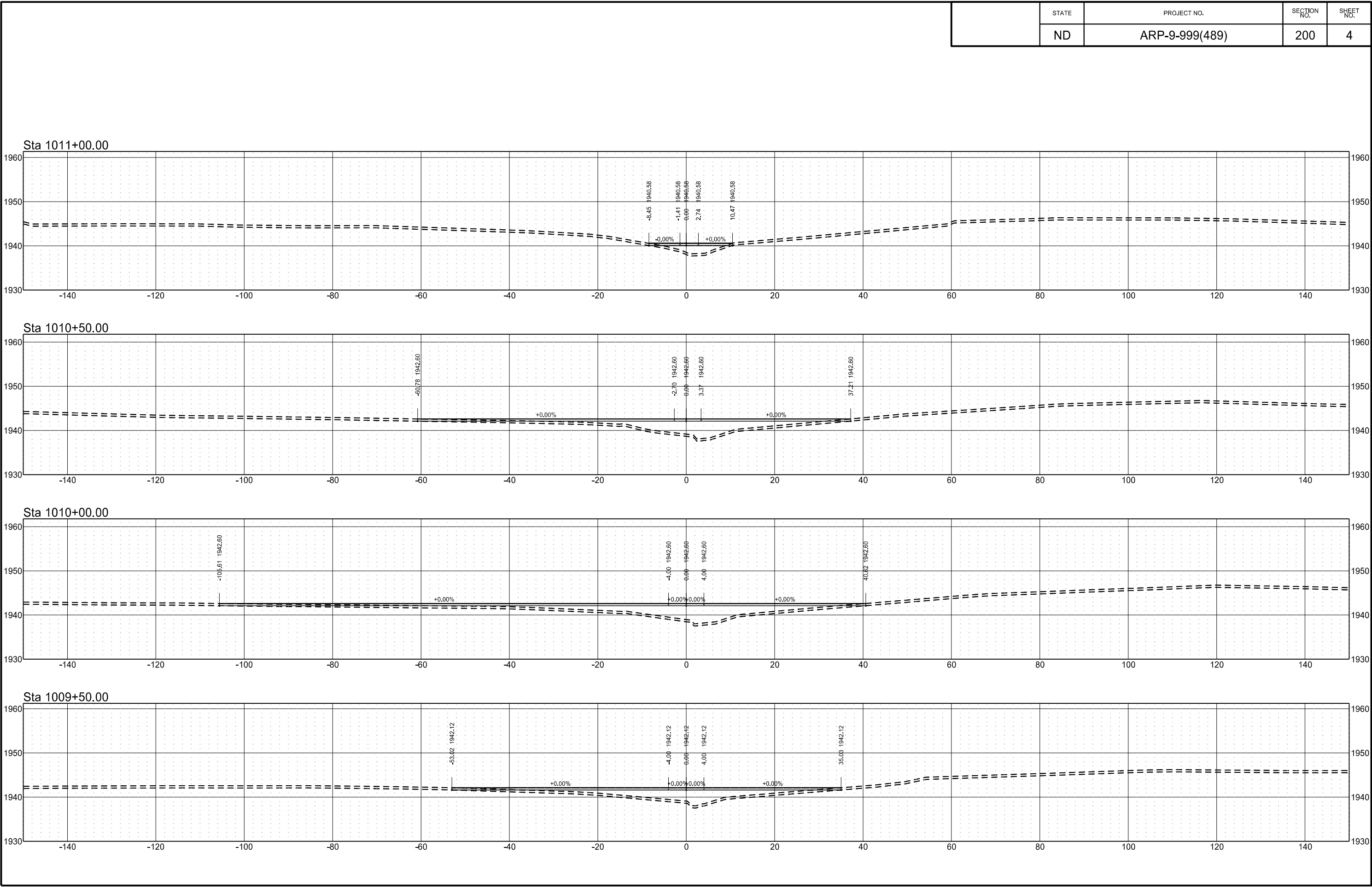


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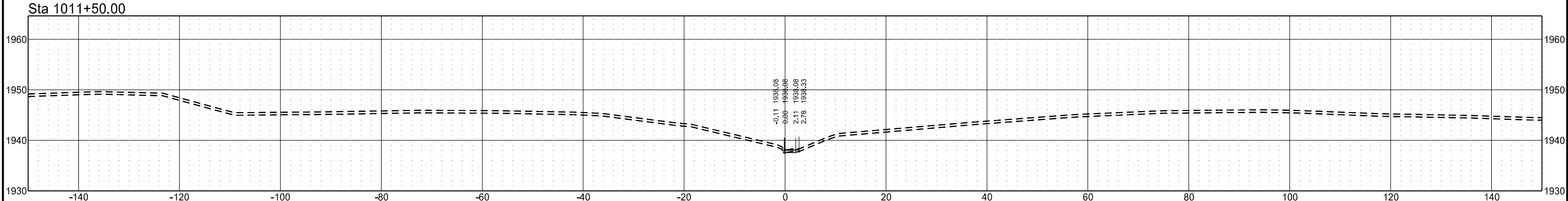


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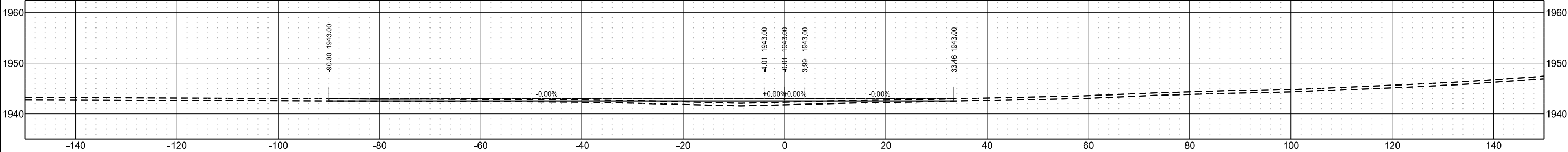


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	ND	ARP-9-999(489)	200	5

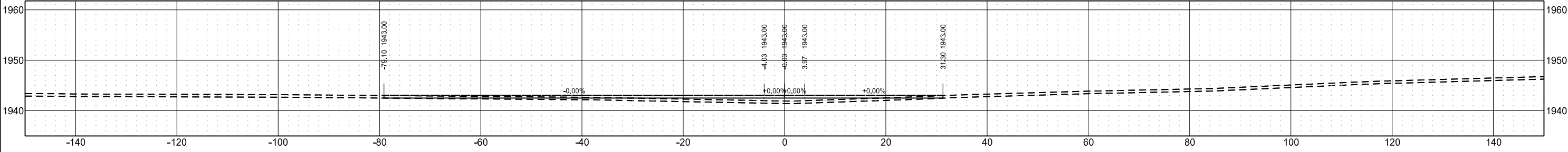


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
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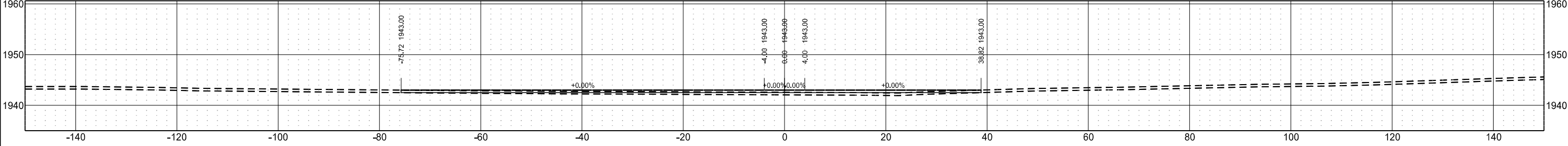
Sta 2004+50.00



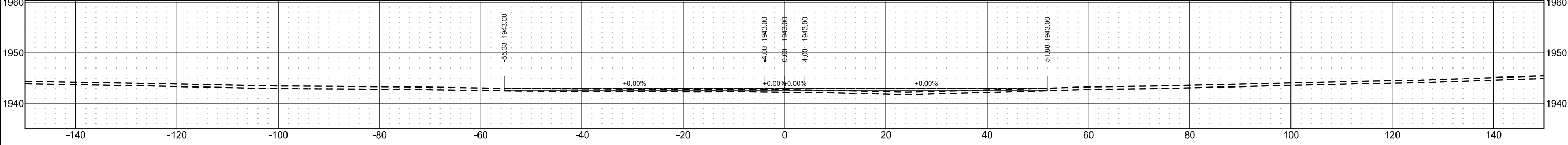
Sta 2004+00.00



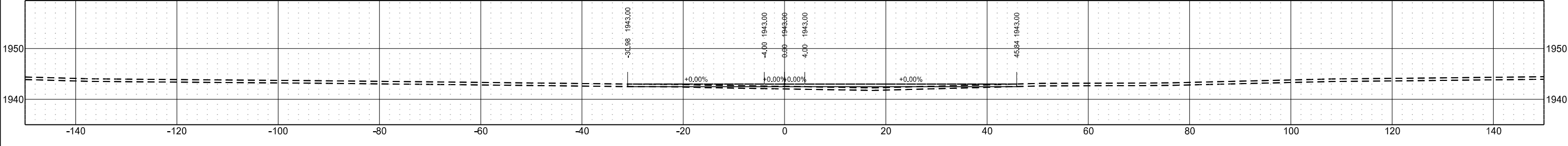
Sta 2003+50.00



Sta 2003+00.00

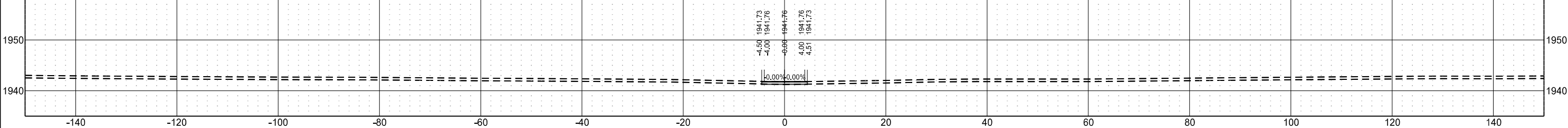


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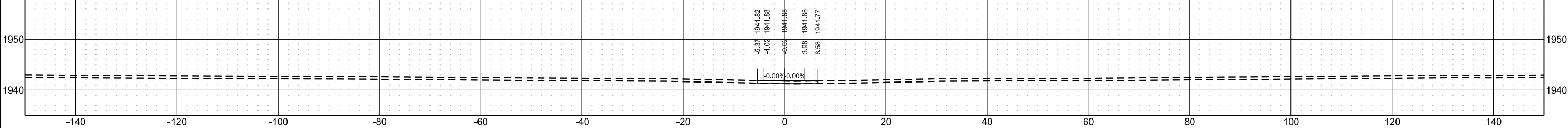


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	ARP-9-999(489)	200	8

Sta 2005+52.40



Sta 2005+50.00



Sta 2005+00.00

