

NH-NHU-7-002(156)022 - US Hwy 2 - 2 Mi N Williston to 63rd St NW (EB)

Utility Type	Ownership/Company	Phone Number	Contact Name	Address	City	State	Zip Code	Email
Communications	Nemont Telephone Coop. Inc.	406-783-2200	Jim Backman	PO Box 600	Scobey	MT	59263	jim.backman@nemont.coop
Communications	Finley Engineering Company staff engineer for Missouri Valley Communications, dba Nemont	701.222.1500	Albert Keyser	P.O. Box 1698	Bismarck	ND	58502-1698	a.keyser@finleyUSA.com
Communications	Northwest Communications Coop.	701-568-3331	Todd Watterud	PO Box 38	Ray	ND	58849-0038	toddw@nccray.com
Communications	Midcontinent Communications	701.578.0443	Reggie Schaan	717 20 th Ave SE	Minot	ND	58701	Reggie.Schaan@Midco.com
Communications	Midcontinent Communications	701-713-0829	Darryl Cross	3308 2 nd Ave W	Williston,	ND	58801	Darryl.Cross@Midco.com
Power	Mountrail-Williams Electric Coop.	701-577-3765	Dale Haugen	PO Box 1346	Williston	ND	58802-1346	dhaugen@mweg.com
Gas	Montana Dakota Utilities Gas	701-572-1622	Michelle Martin	PO Box 1457	Bismarck	ND	58502-1457	Michelle.Martin@MDU.com
Gas	ONEOK Rockies Midstream	406-433-8711	John Cross	896 25th ST SE	Sidney	MT	59270	john.cross@oneok.com
Petroleum	Statoil	601-748-0254	Terry Koontz	14649 Brigham Drive	Williston	ND	58801	tko@statoil.com
Water	Williams RWA	701.774.8915	Ben Clarys	PO Box 1285, 5091 142nd Ave. NW	Williston	ND	58802-1285	benclarys@nemont.net

Utility Conflict Matrix - NH-NHU-7-002(156)022 - US Hwy 2 - 2 Mi N Williston to 63rd St NW (EB)

US 2 Mainline

Utility Owner	Item №	P&P Sheet	Utility Type	Material	Utility Conflict Description	Begin Station	End Station	Begin Offset	End Offset	Units		Approx. Maximum		Utility Investigation Level	Location	1 State 2 Utility	Reimbursable / Not Reimbursable
										Feet	EA	Cut	Fill				
NO IMPACTS																	

Frontage Road

Utility Owner	Item №	P&P Sheet	Utility Type	Material	Utility Conflict Description	Begin Station	End Station	Begin Offset	End Offset	Units		Approx. Maximum		Utility Investigation Level	Location	1 State 2 Utility	Reimbursable / Not Reimbursable
										Feet	EA	Cut	Fill				
Mid-Continent Cable	MCC 2 - 1	27	Fiber Optic Cable Line	Unknown	Conflict (In new roadway & Storm Sewer)	2002+30	2002+40	42' Lt	44' Rt	86		2'		QLC	Inside Right of Way	2	Not Reimbursable
Mid-Continent Cable	MCC 2 - 2	27	Fiber Optic Cable Line	Unknown	Conflict (In new roadway & Storm Sewer)	2002+48	2002+45	27' Lt	30' Rt	57		2'		QLC	Inside Right of Way	2	Not Reimbursable
Montana Dakota Utilities	MDU 2 - 1	27	Gas Line	Unknown	Conflict (In new roadway & Storm Sewer)	2003+46		25' Lt	25' Rt	50		3'		QLC	Outside Right of Way	1	Reimbursable
Mountrail-Williams Electric	MWE 2 - 1	27	Electric Line	Unknown	Conflict (In new roadway & Storm Sewer)	2002+39	2002+45	33' Lt	38' Rt	71		2'		QLC	Inside Right of Way	2	Not Reimbursable
Mountrail-Williams Electric	MWE 2 - 2	30	Electrical Vault (2)	Unknown	Conflict (in new roadway)	2010+22		33' Rt			2		3'	QLC	Outside Right of Way	1	Reimbursable
Nemont Telephone Coop Inc.	NTC 2 - 1	27	Fiber Optic Telephone Line	Unknown	Conflict (In new roadway & Storm Sewer)	2001+97	2001+97	8' Lt	28' Rt	36		2'		QLC	Inside Right of Way	2	Not Reimbursable
Nemont Telephone Coop Inc.	NTC 2 - 2	27	Fiber Optic Telephone Line	Unknown	Conflict (In new roadway & Storm Sewer)	2002+36	2002+43	33' Lt	43' Rt	79		2'		QLC	Inside Right of Way	2	Not Reimbursable

Oil Well Access

Utility Owner	Item №	P&P Sheet	Utility Type	Material	Utility Conflict Description	Begin Station	End Station	Begin Offset	End Offset	Units		Utility Investigation Level	Location	1 State 2 Utility	Reimbursable / Not Reimbursable
										Feet	EA				
NO IMPACTS															

DESIGN DATA (RP 22.400 to RP 25.674) - EB LANES ONLY			
Traffic	Average Daily		
Current 2016	Pass: 6,360	Trucks: 1,220	Total: 7,580
Forecast 2036	Pass: 7,760	Trucks: 1,490	Total: 9,250
Clear Zone Distance: 18 / 32		Design Speed: 40 / 55	
Minimum Sight Dist. for Stopping: 305' / 495'		Bridges: N/A	
Limited Access Control			
Pavement Design Life 20 (years)			
Design Accumulated One-way Rigid ESALs: 2,315			
DESIGN DATA (RP 25.674 to RP 32.441) - EB LANES ONLY			
Traffic	Average Daily		
Current 2016	Pass: 4,700	Trucks: 2,315	Total: 7,015
Forecast 2036	Pass: 5,735	Trucks: 2,825	Total: 8,560
Clear Zone Distance: 46'		Design Speed: 70	
Minimum Sight Dist. for Stopping: 730'		Bridges: N/A	
Sight Dist. for No Passing Zone:			
Pavement Design Life 20 (years)			
Design Accumulated One-way Flexible ESALs: 1,970			

JOB #
NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.	PCN	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	20845	1	1

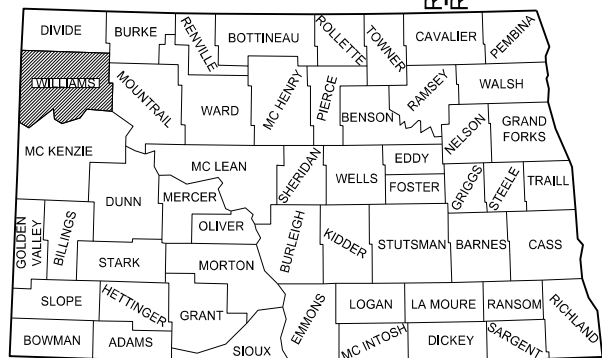
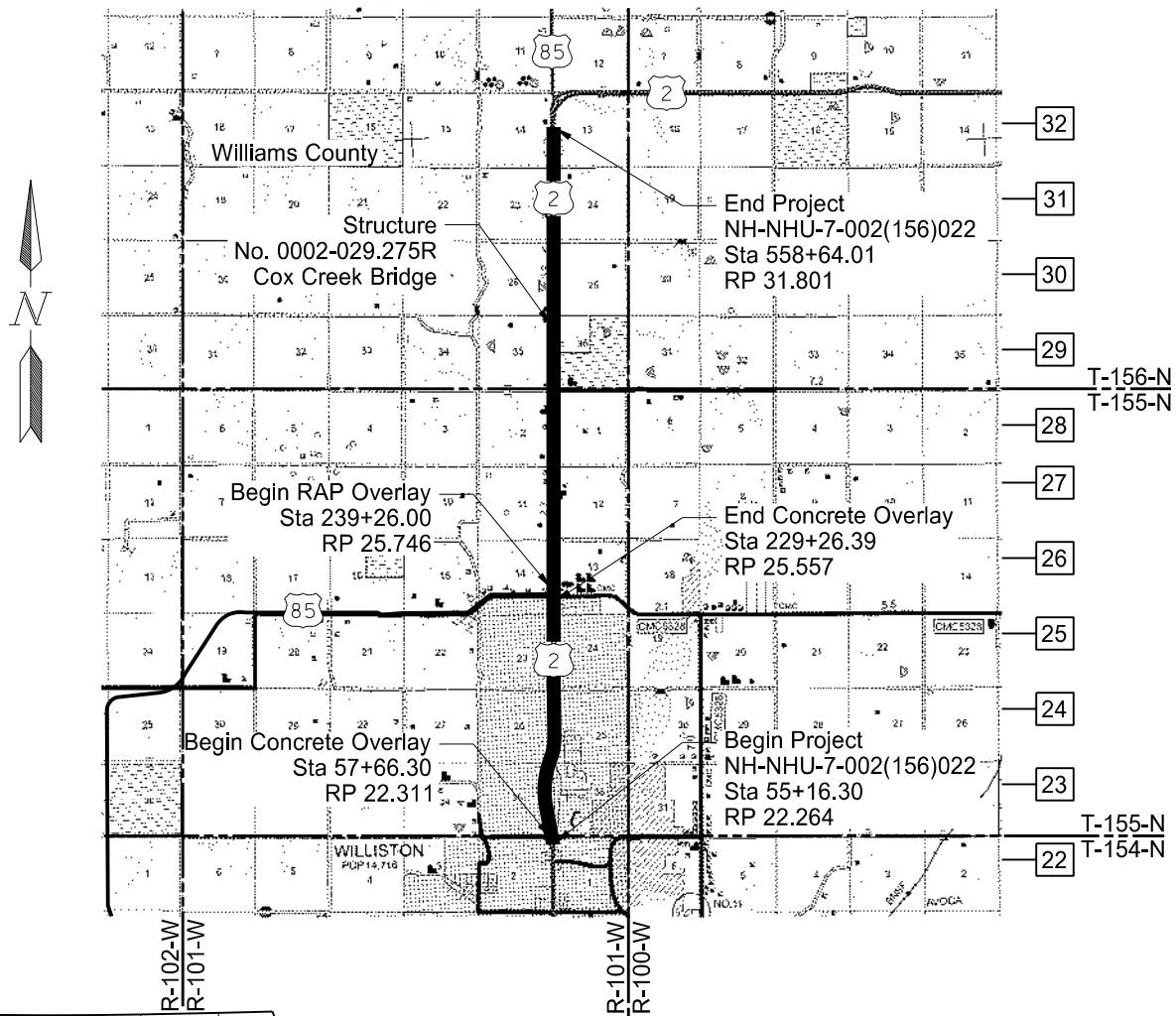
NH-NHU-7-002(156)022
FHWA Project of Division Interest (PODI)
Williams County

2 Mi N Williston N to 63rd St NW (EB)
Concrete Overlay, RAP Overlay, Milling, Salvaged Base Course,
Lighting, Signals, Guardrail, Pavement Marking

GOVERNING SPECIFICATIONS:

2014 Standard Specifications adopted by the North Dakota Department of Transportation and the Supplemental Specifications effective on the date the project is advertised.

PROJECT NUMBER \ DESCRIPTION	NET MILES	GROSS MILES
NH-NHU-7-002(156)022	9.536 Miles	9.536 Miles



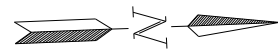
STATE COUNTY MAP

DESIGNERS
Derek Anderson, PE
Dawn Michel, PE
Alex Ausk, PE
Levi Heller, PE

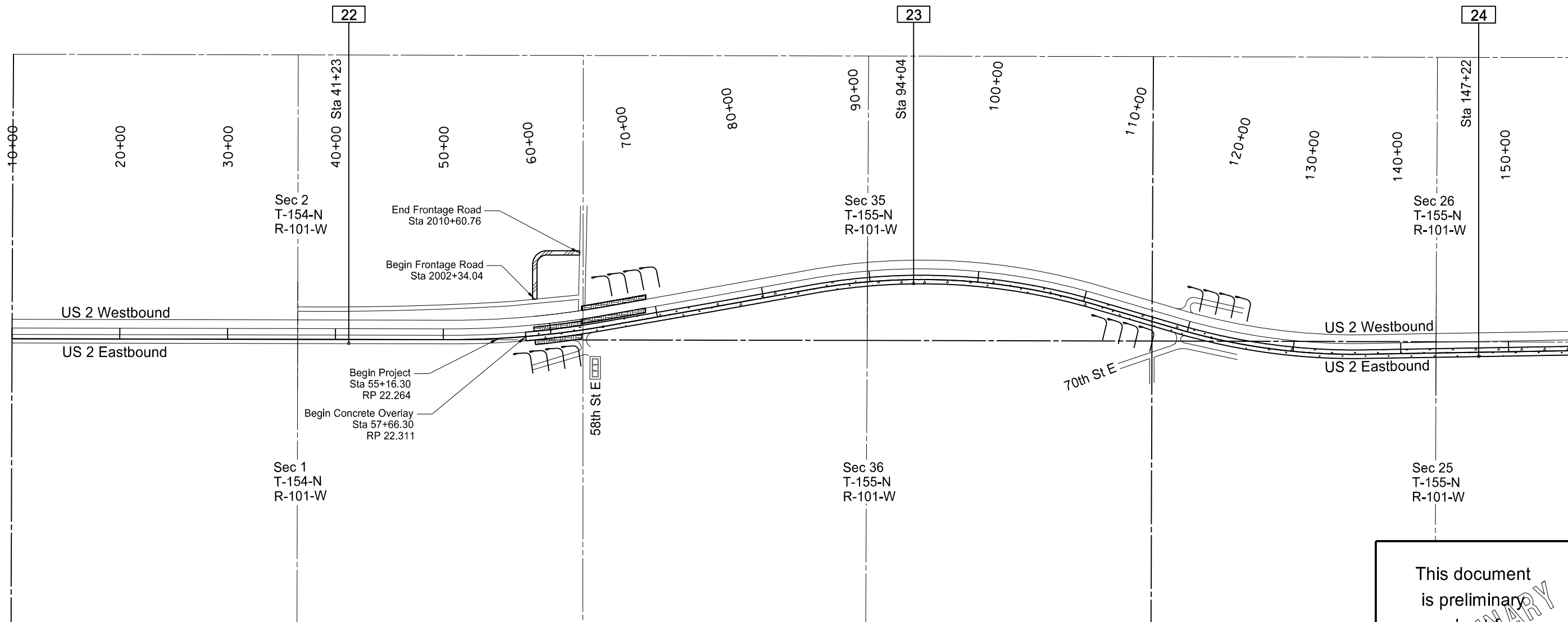
DISTRICT REVIEW
DE or Assistant DE or Proj Eng
DISTRICT NAME
APPROVED DATE NDDOT Approval Date
NDDOT Approval Name
OFFICE OF PROJECT DEVELOPMENT ND DEPARTMENT OF TRANSPORTATION

I hereby certify that the attached plans were prepared by me or under my direct supervision and that I am a duly registered professional engineer under the laws of the state of ND.
APPROVED DATE Date Signed by PE
PE Approval Name Apex Engineering Group, Inc.

This document
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implementation
purposes.



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	4	1

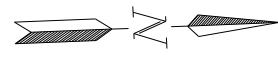


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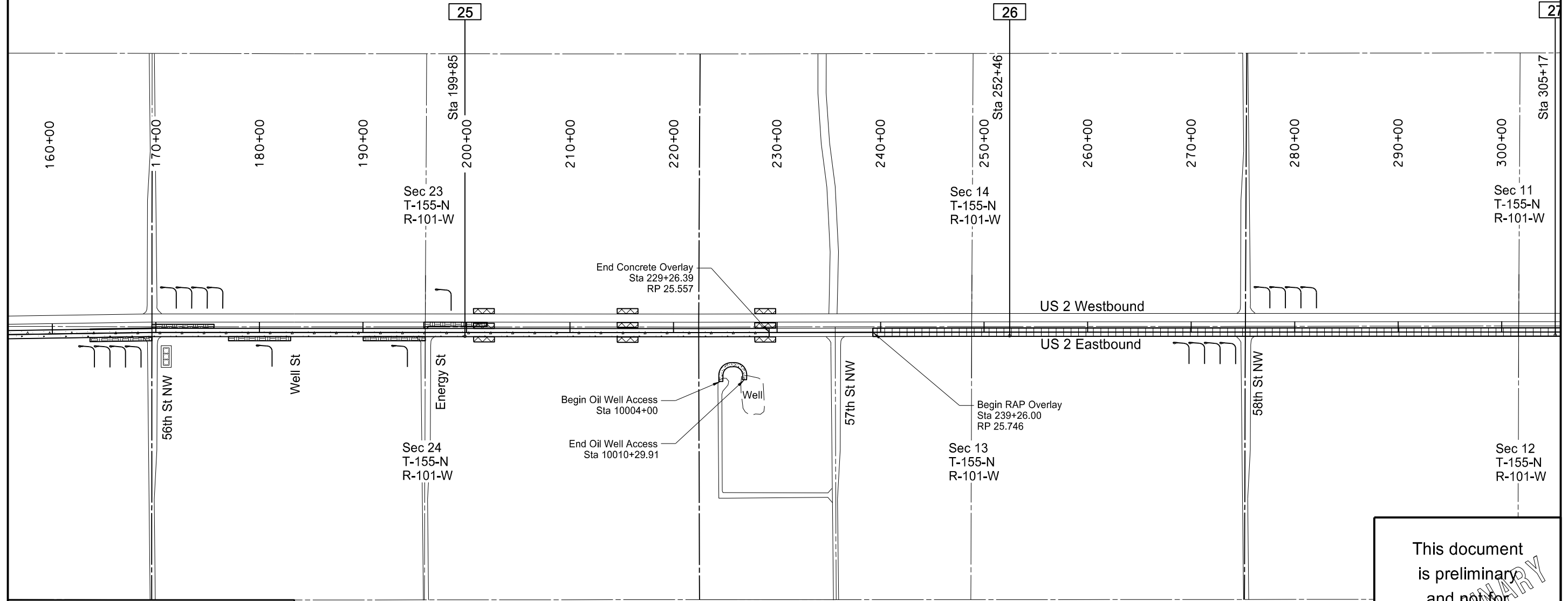
- Frontage Road Realignment
- 3" Mill & Concrete Overlay
- 2" Mill & RAP Overlay
- Turn Lane Reconstruction
- Access Road Reconstruction
- Access Removal
- Signal Installation
- Lighted Intersection
- Destination Lighting

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Scope of Work
US 2



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	4	2

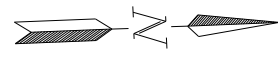


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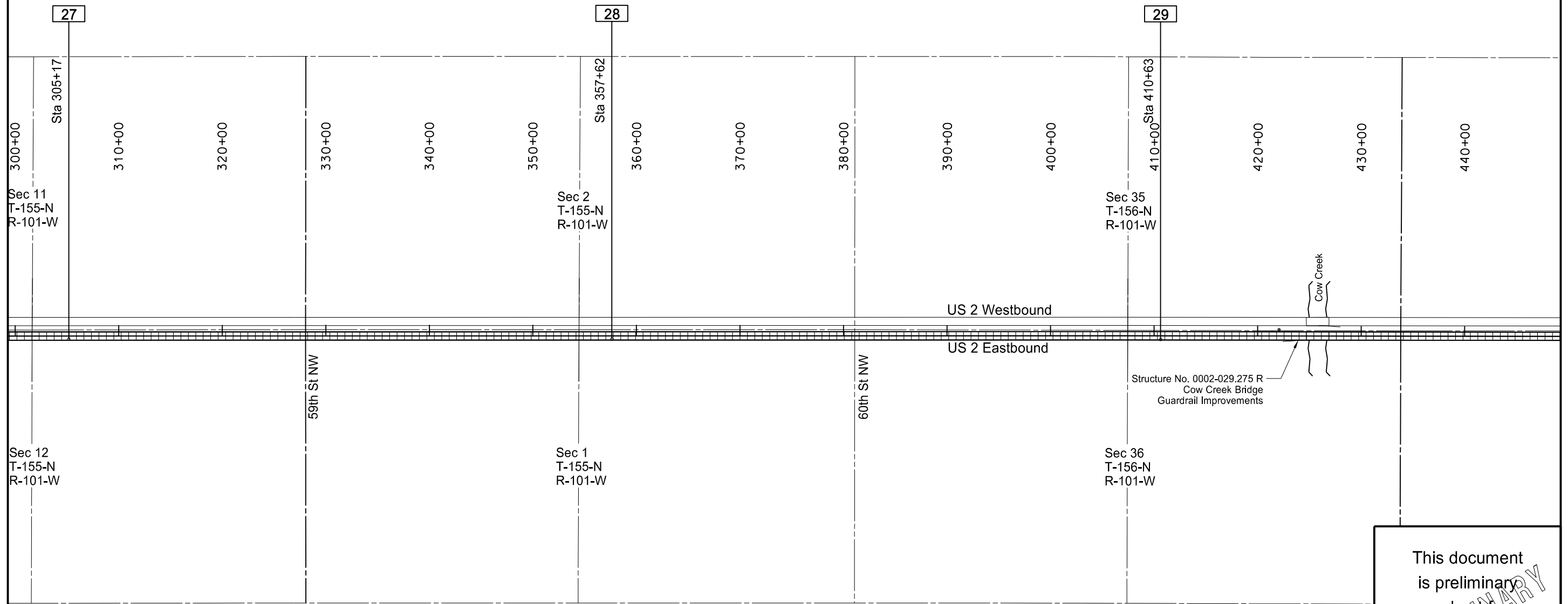
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- Mill & Concrete Overlay
- Mill & RAP Overlay
- Turn Lane Reconstruction
- Access Road Reconstruction
- Access Removal
- Signal Installation
- Lighted Intersection
- Destination Lighting

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Scope of Work
US 2



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	4	3

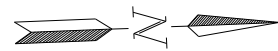


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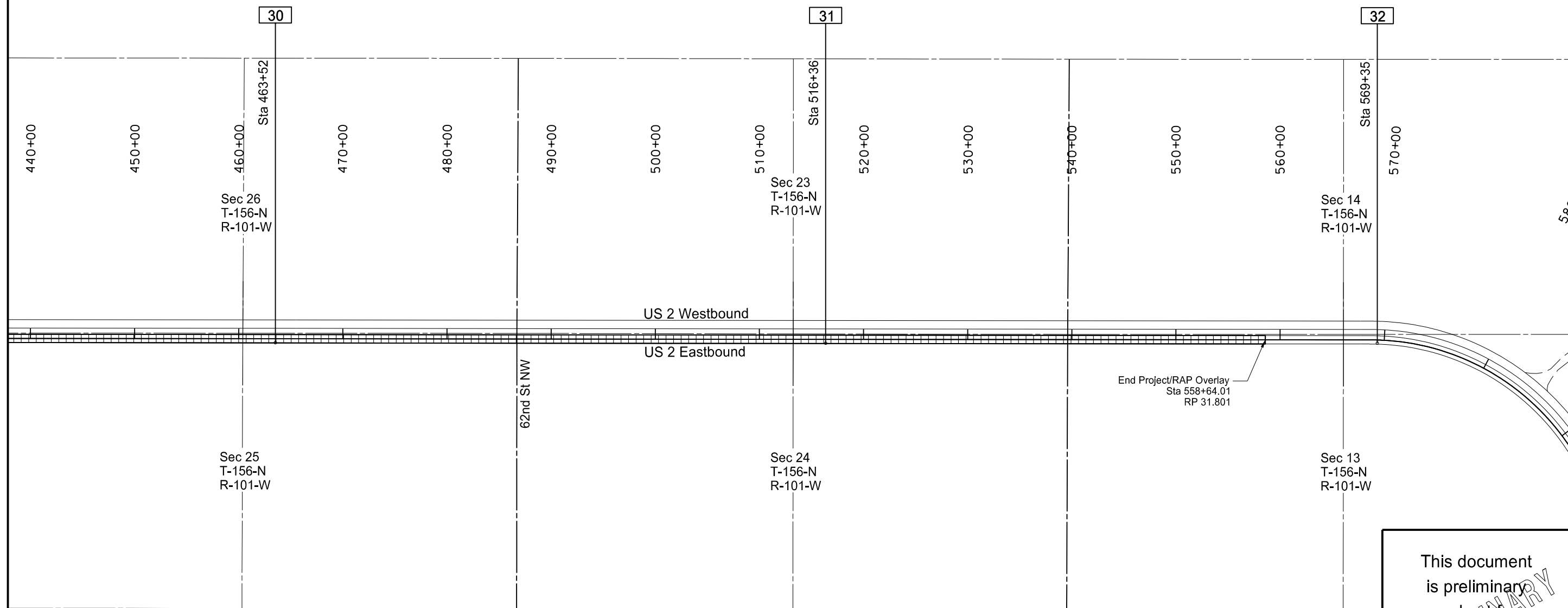
Frontage Road Realignment	
Mill & Concrete Overlay	
Mill & RAP Overlay	
Turn Lane Reconstruction	
Access Road Reconstruction	
Access Removal	
Signal Installation	
Lighted Intersection	
Destination Lighting	

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Scope of Work
US 2



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	4	4



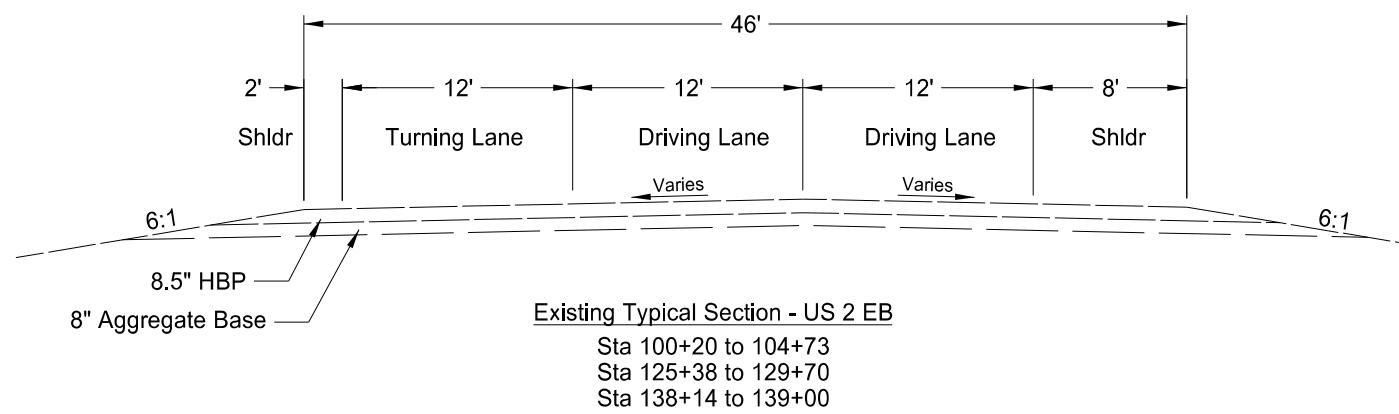
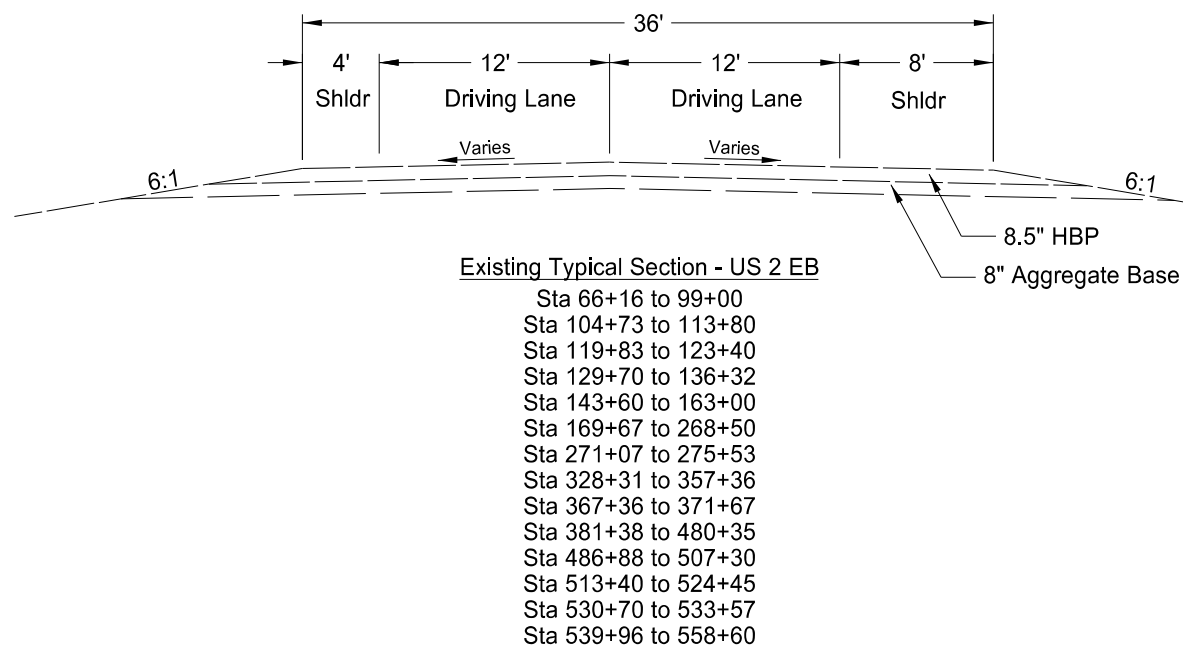
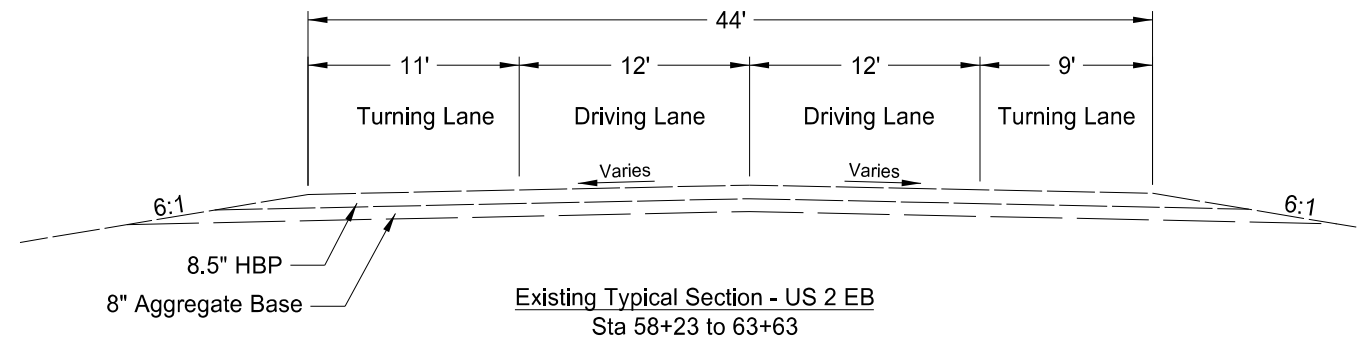
LEGEND

- Frontage Road Realignment
- Mill & Concrete Overlay
- Mill & RAP Overlay
- Turn Lane Reconstruction
- Access Road Reconstruction
- Access Removal
- Signal Installation
- Lighted Intersection
- Destination Lighting

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Scope of Work
US 2

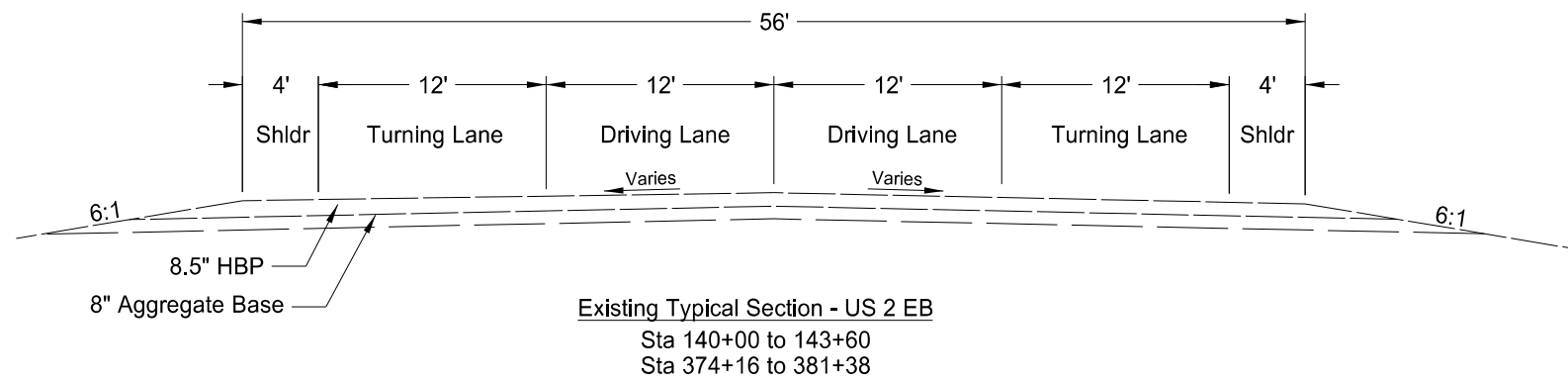
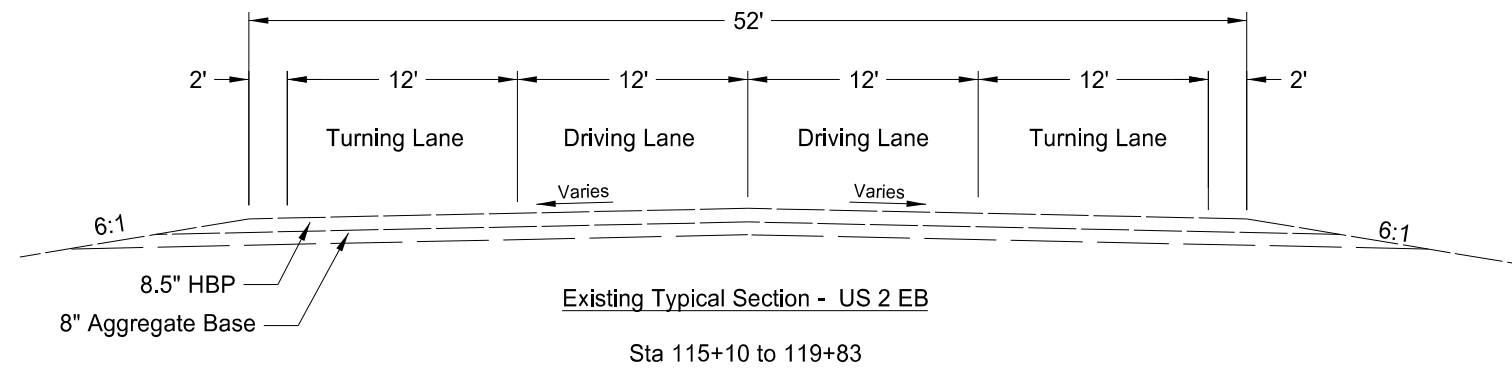
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ND	NH-NHU-7-002(156)022	30	1



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Existing Typical Sections
US 2

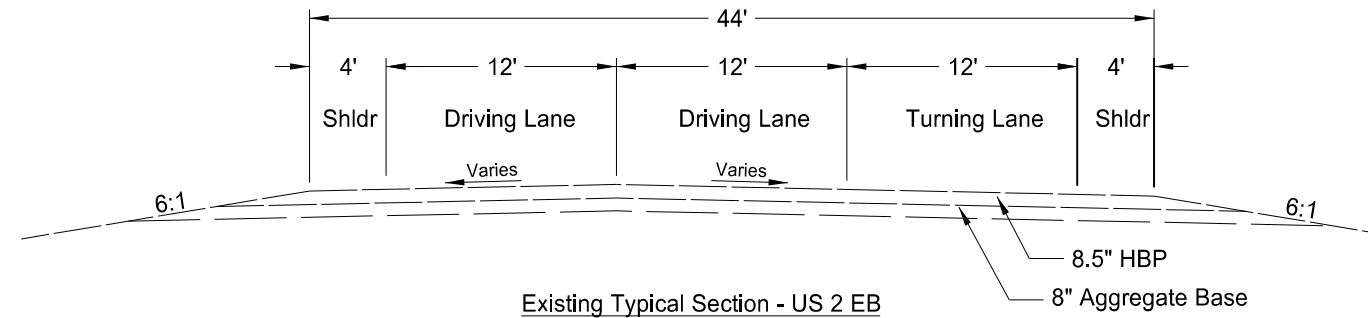
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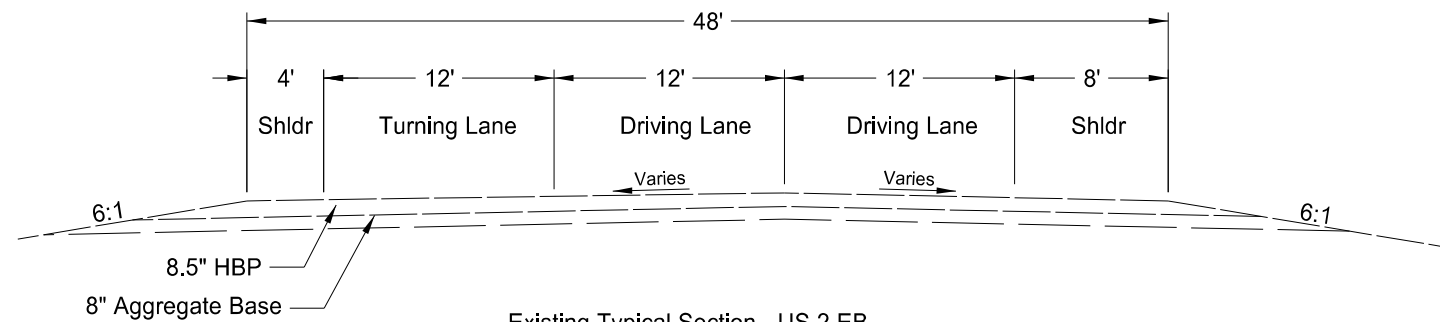
Existing Typical Sections
US 2

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	30	3



Existing Typical Section - US 2 EB

Sta 165+40 to 169+67
 Sta 275+53 to 320+10
 Sta 321+32 to 328+31
 Sta 482+50 to 486+88
 Sta 509+40 to 513+40 (LTL)
 Sta 535+57 to 539+96



Existing Typical Section - US 2 EB

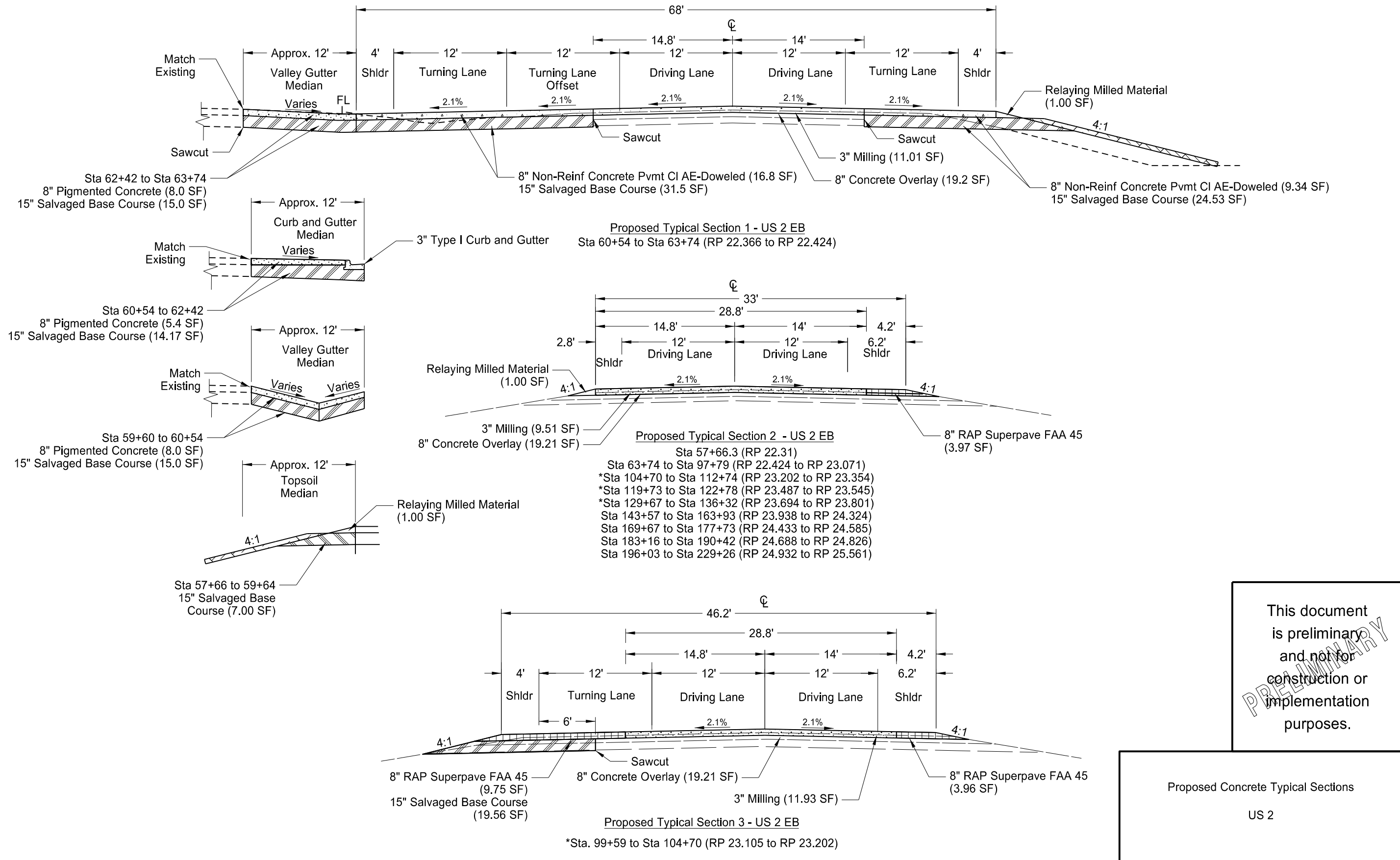
Sta 359+25 to 367+54
 Sta 526+00 to 530+70

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Existing Typical Sections
 US 2

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	30	4

Note: * See Section 20 for Superelevation Details

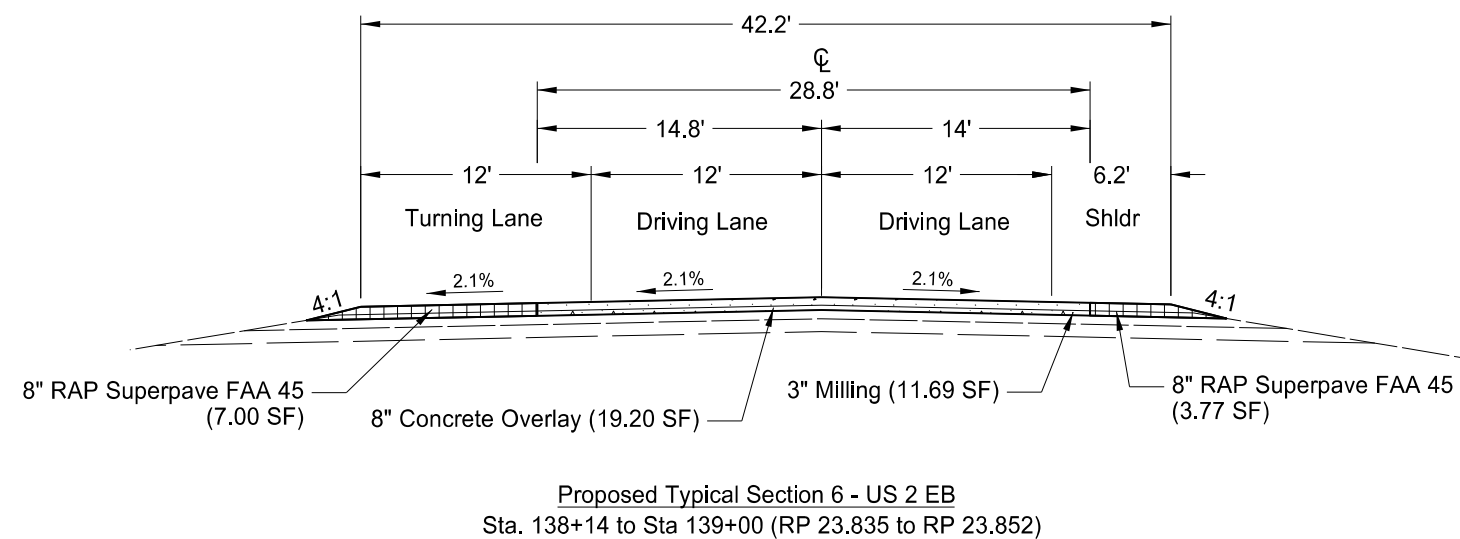
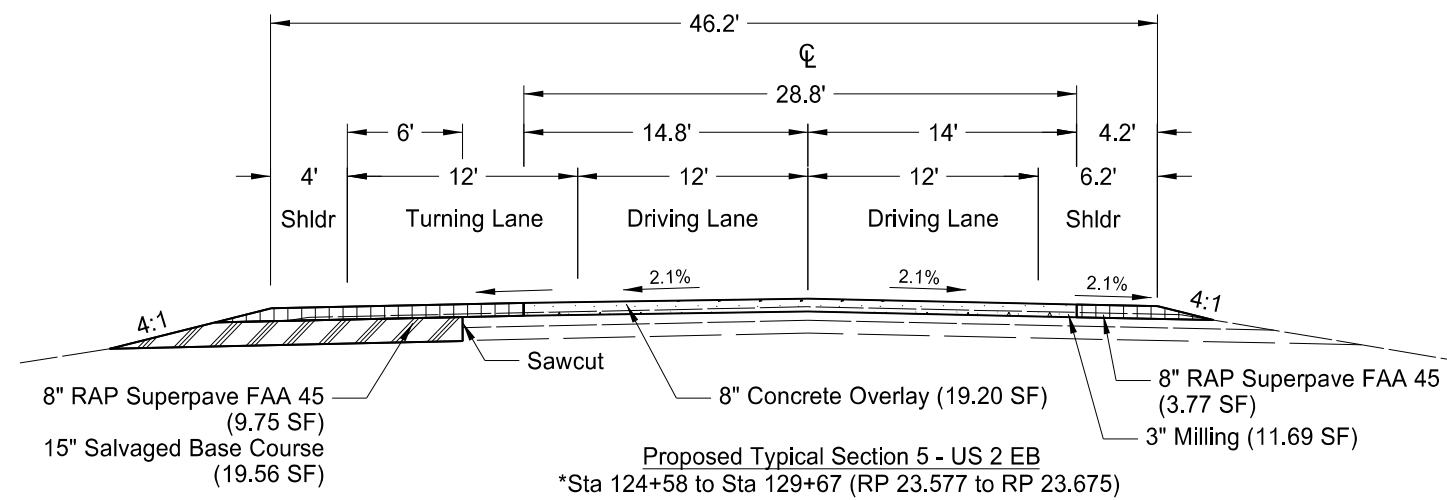
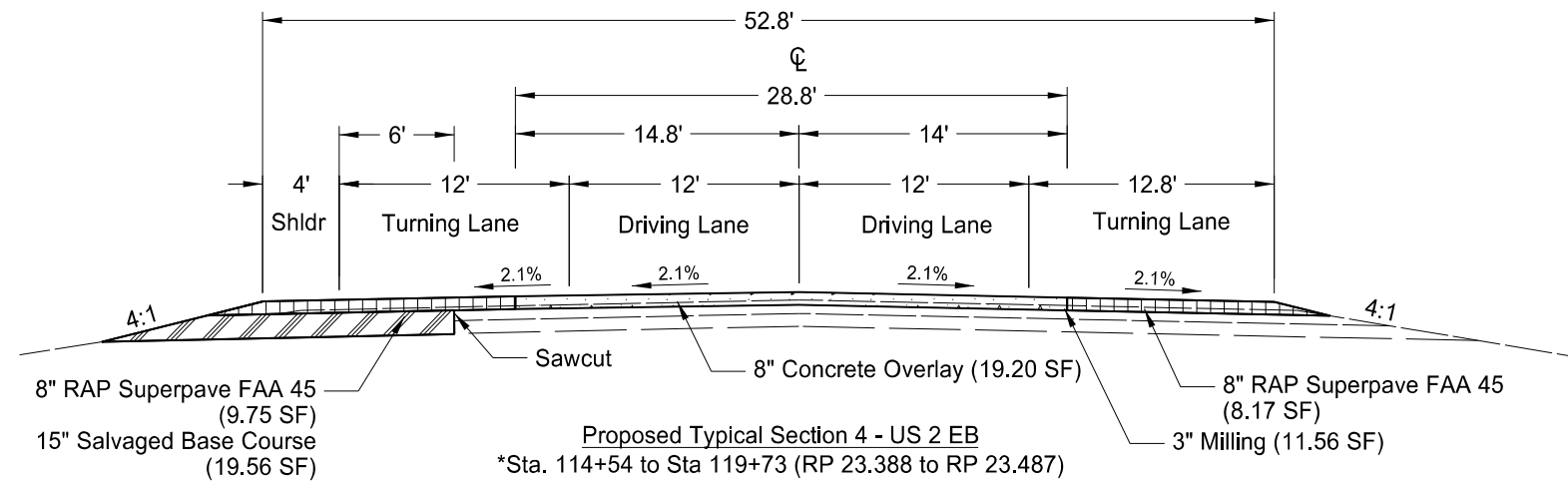


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Proposed Concrete Typical Sections
US 2

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	30	5

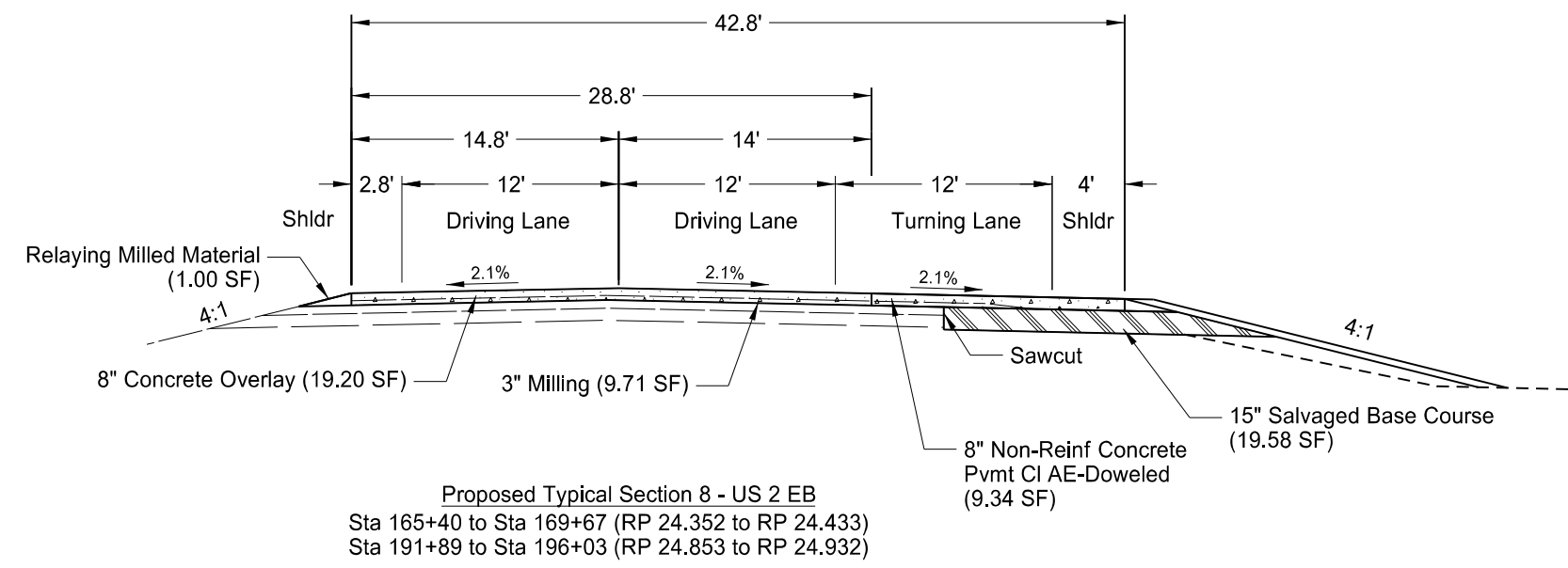
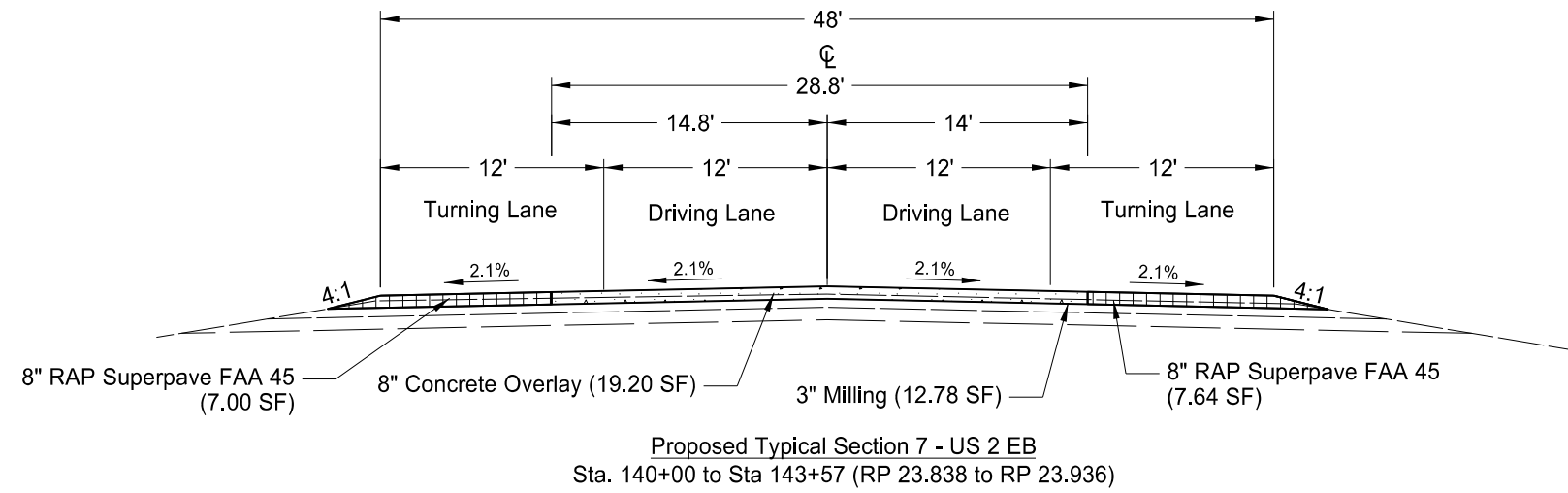
Note: * See Section 20 for Superelevation Details



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Proposed Concrete Typical Sections
US 2

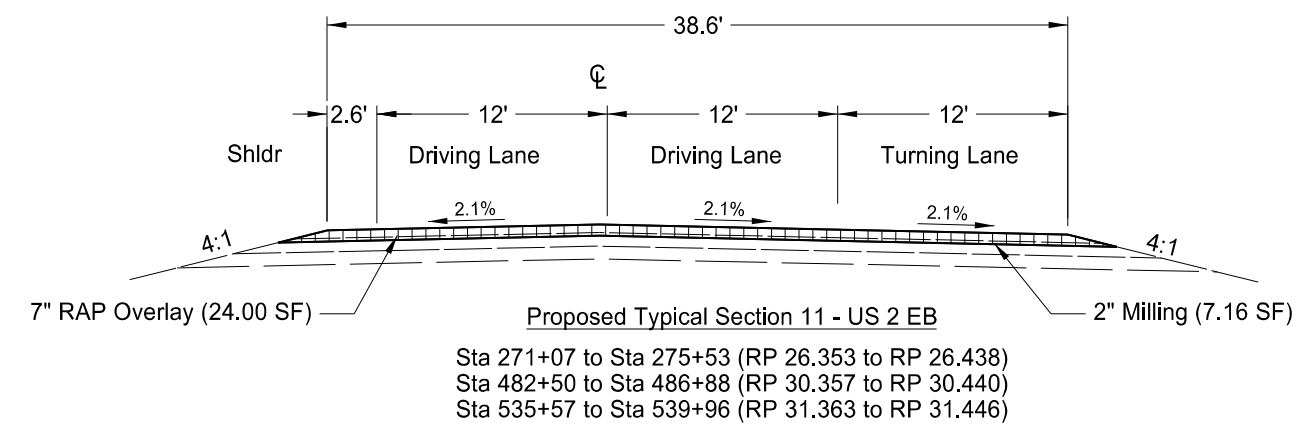
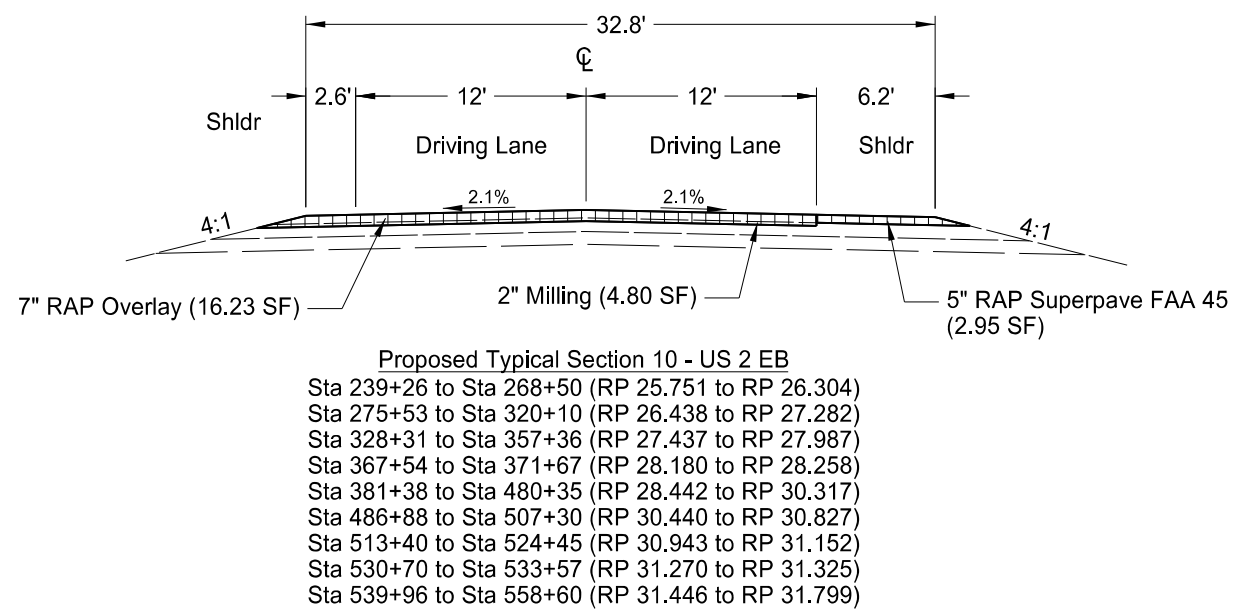
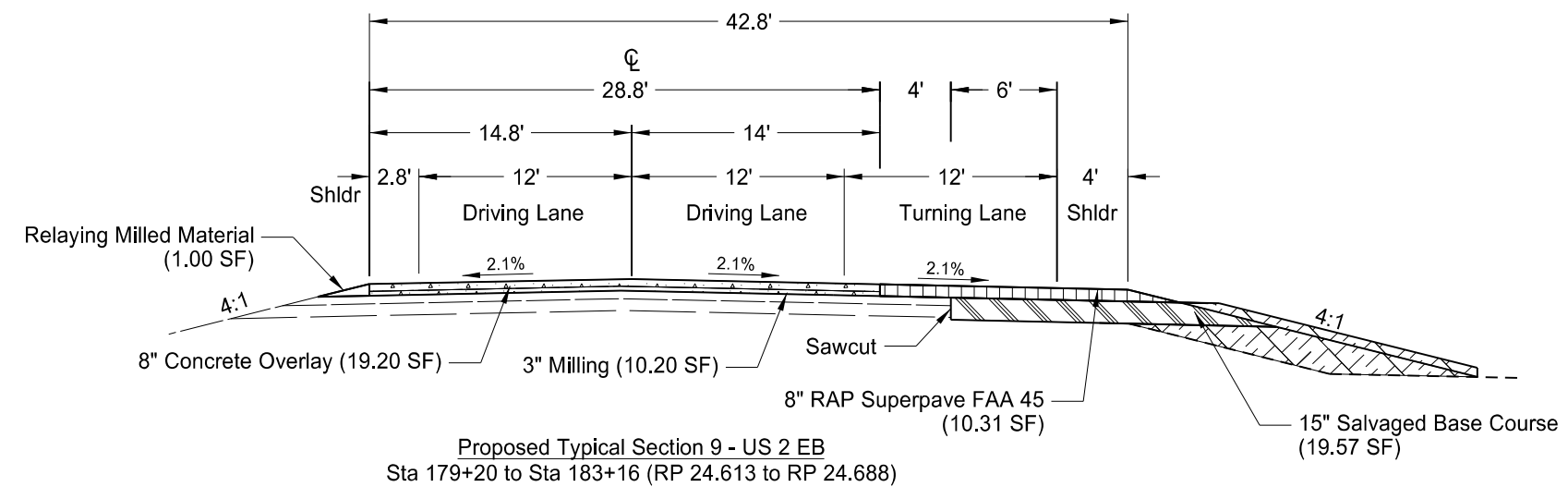
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Proposed Concrete Typical Sections
US 2

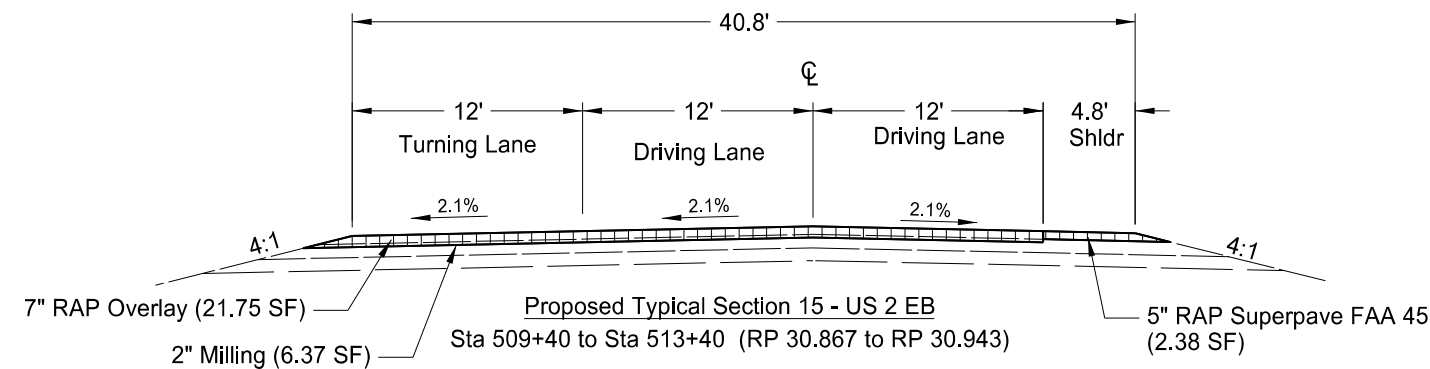
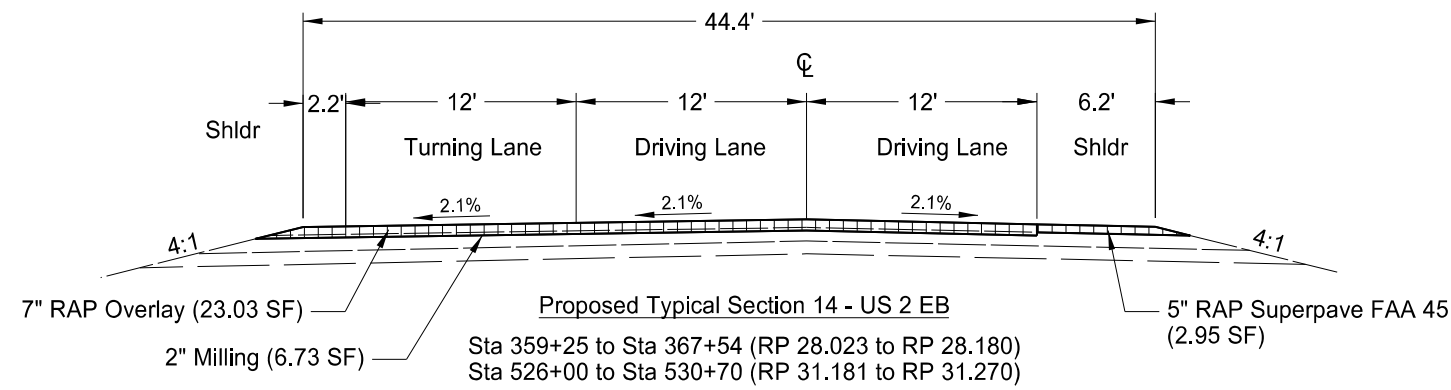
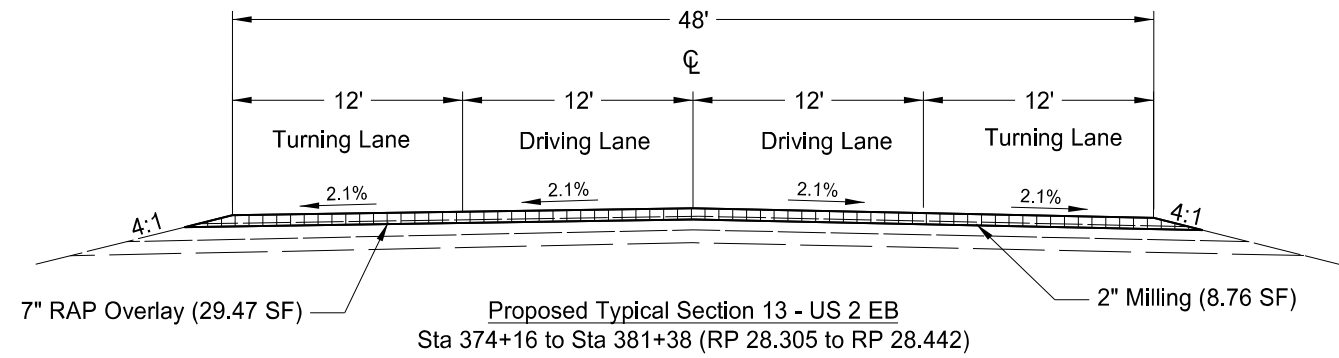
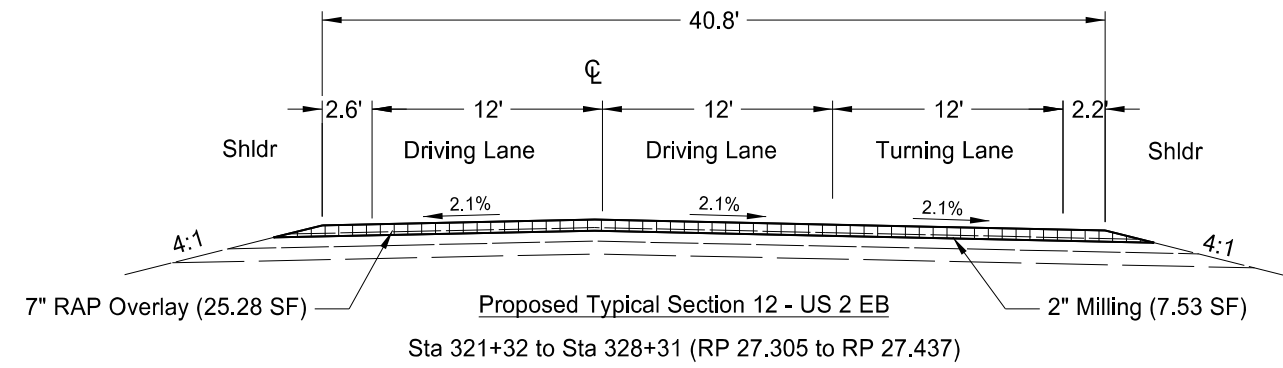
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	30	7



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Proposed Typical Sections
US 2

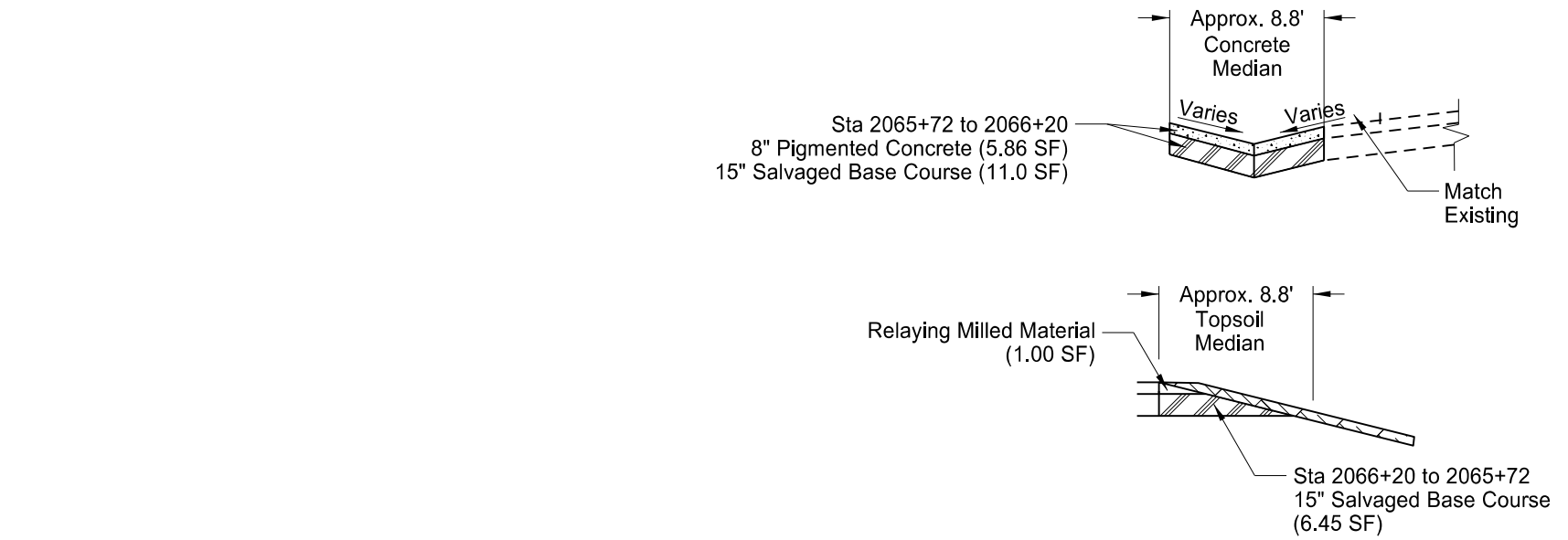
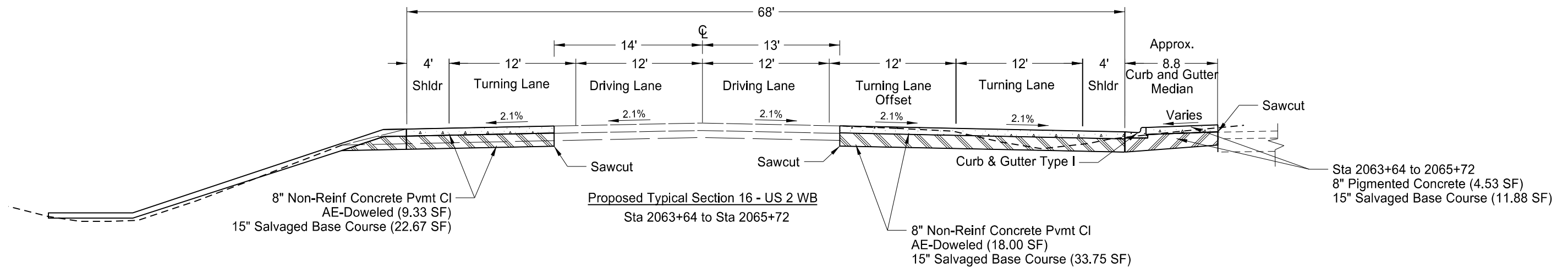
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	30	8



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Proposed RAP Typical Sections
US 2

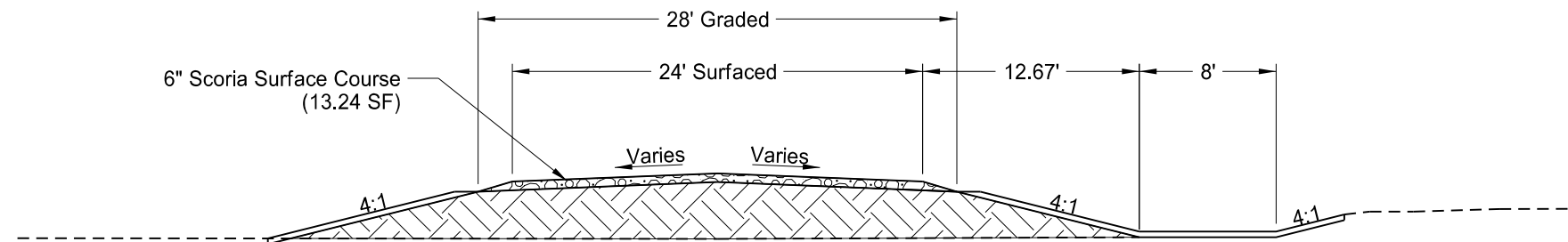
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	30	9



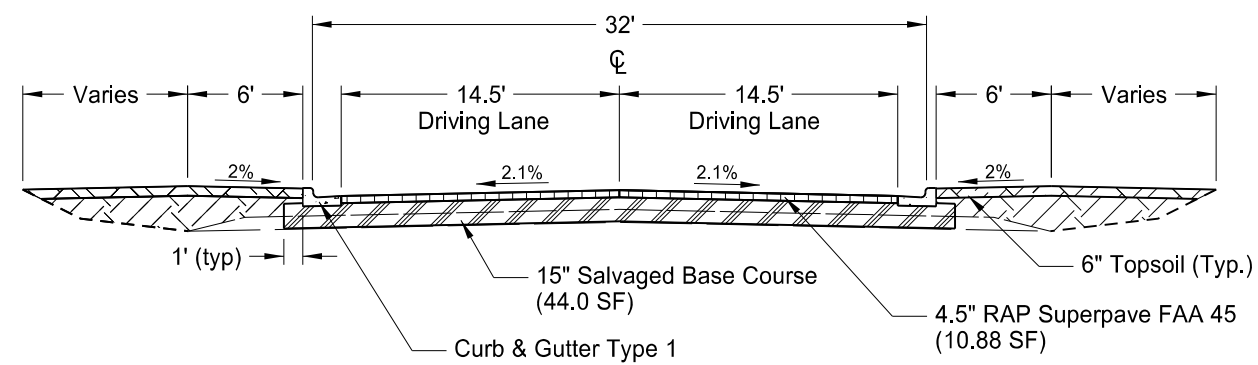
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Proposed Concrete Typical Sections
US 2

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	30	10



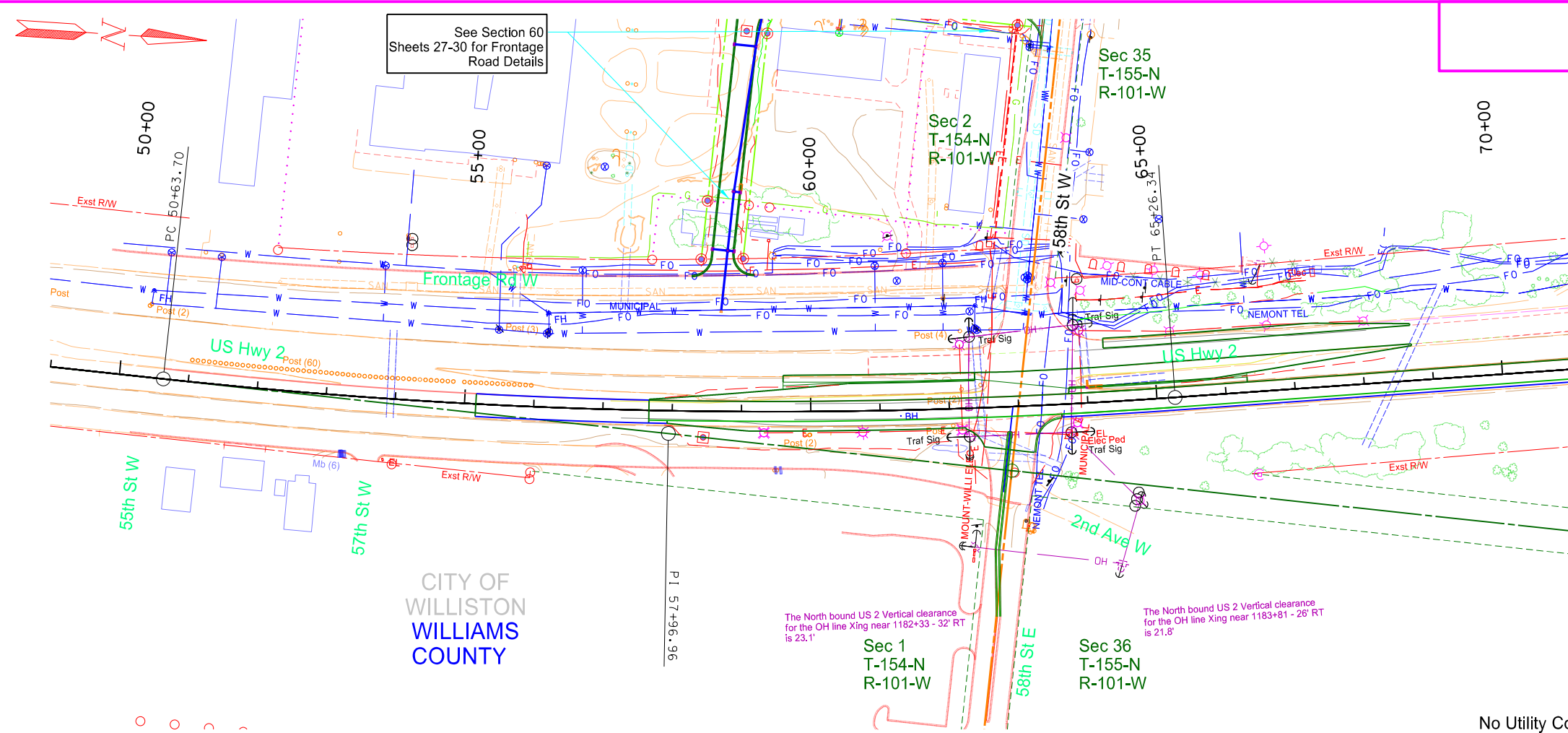
Proposed Typical Section 18 - Oil Well Access
Sta 10003+71 to Sta 10010+30



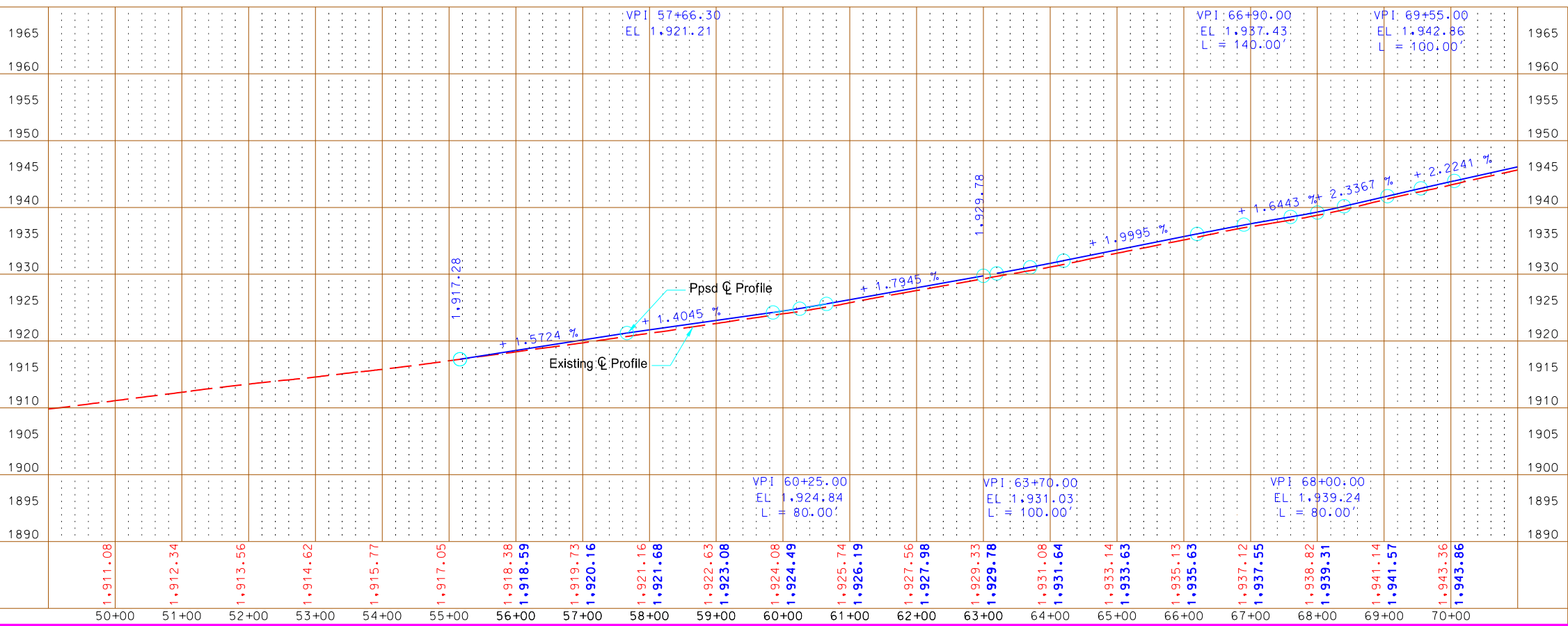
Proposed Typical Section 19 - Frontage Road
Sta 2002+33 to Sta 2010+60

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Proposed Typical Sections
Oil Well Access, Frontage Road



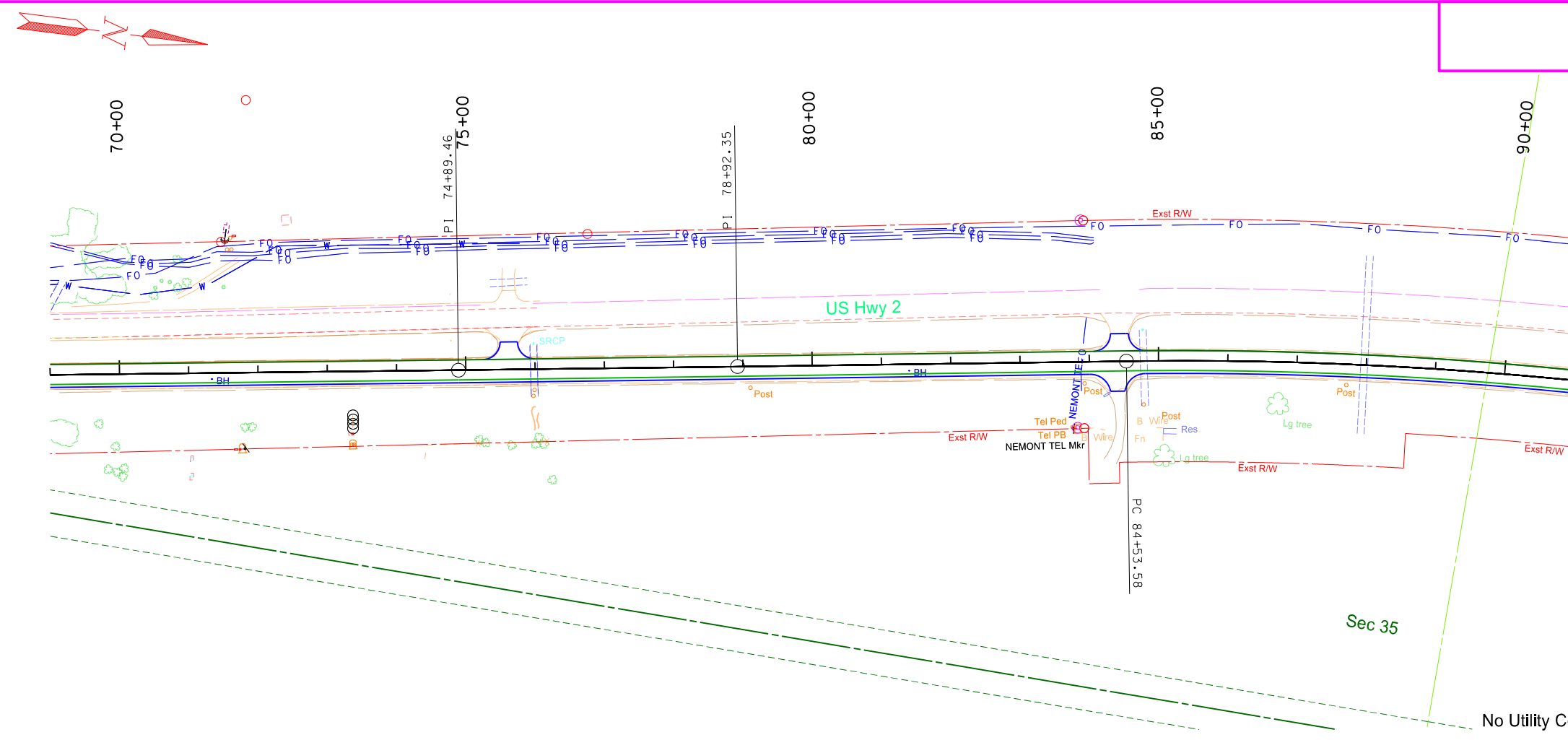
- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line



No Utility Conflicts

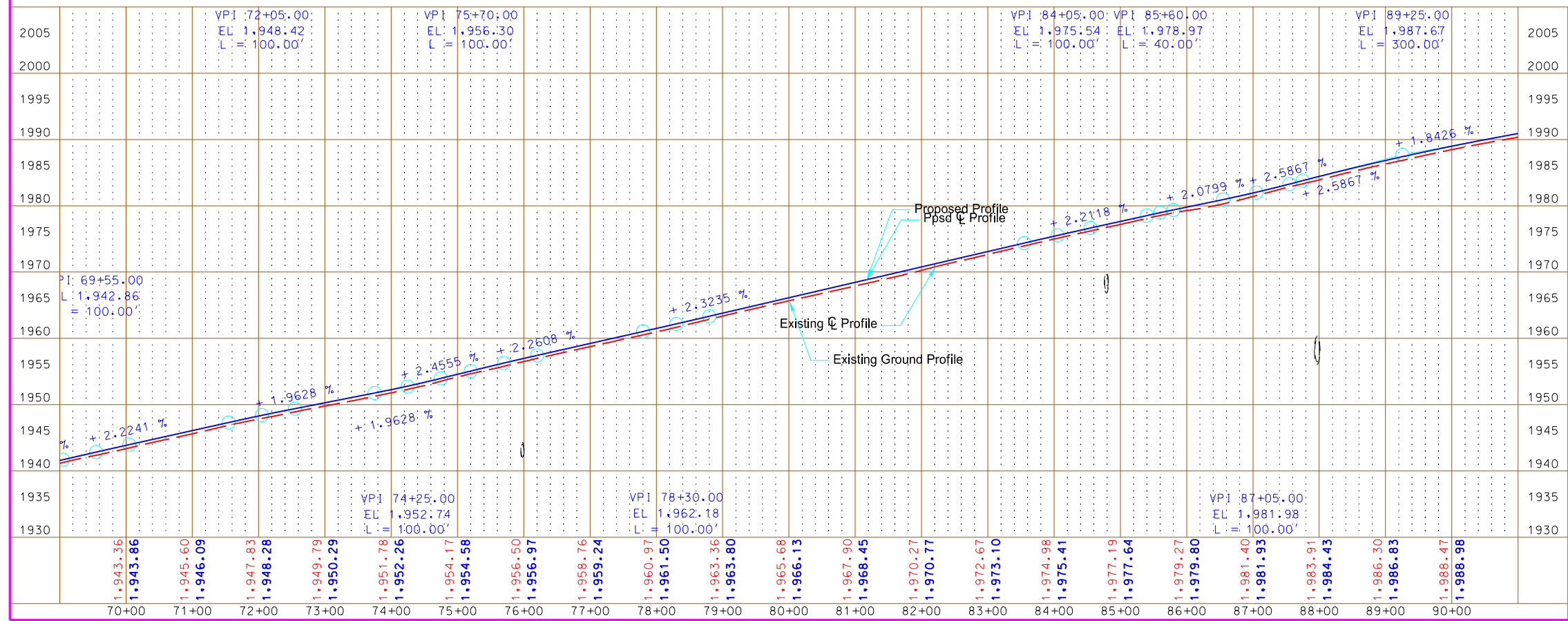
This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 50+00 to 70+00



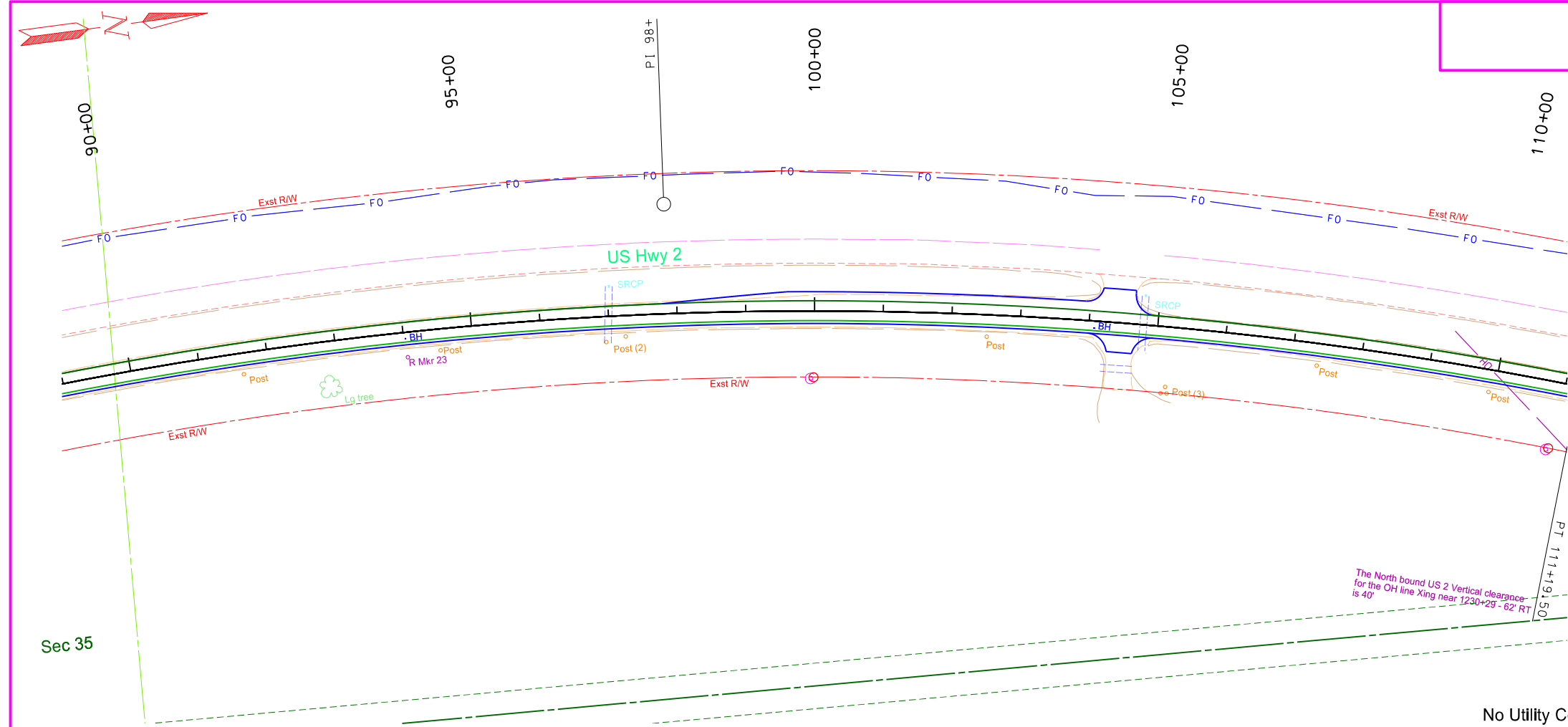
- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts

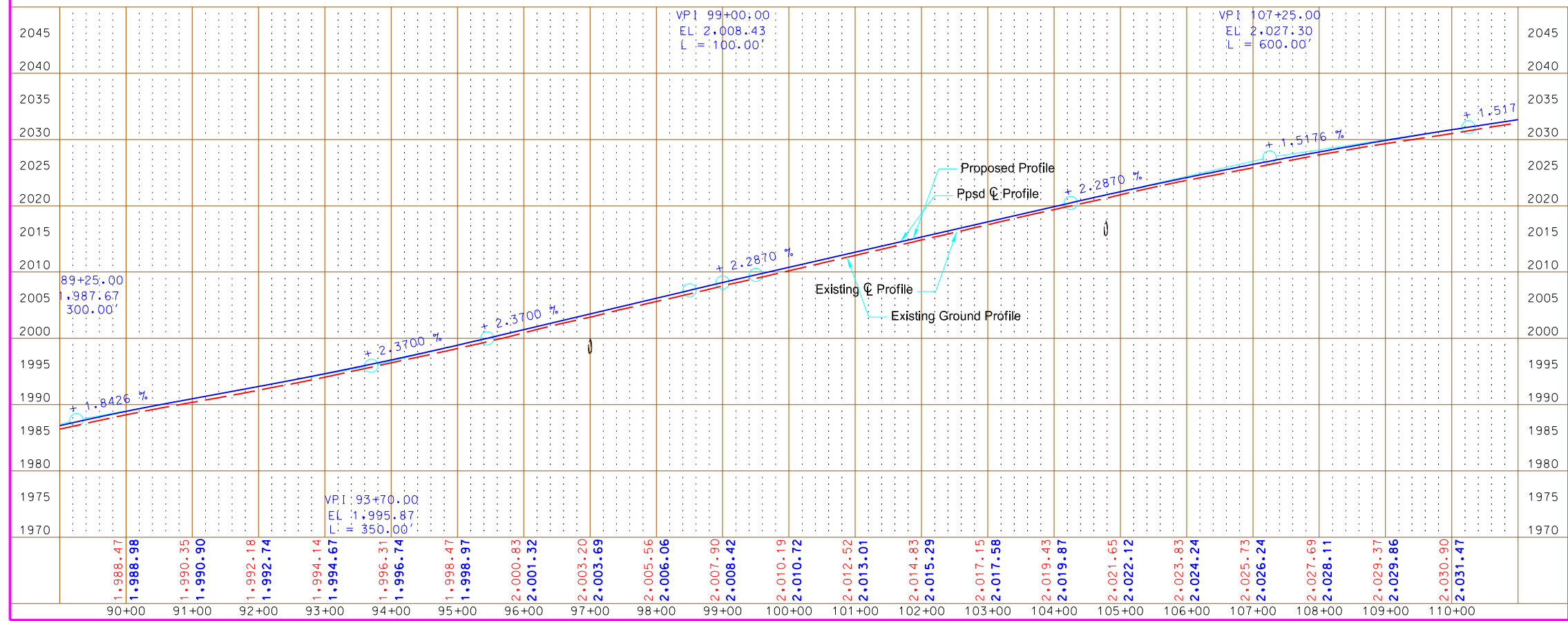


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Plan & Profile
US 2
Sta 70+00 to 90+00

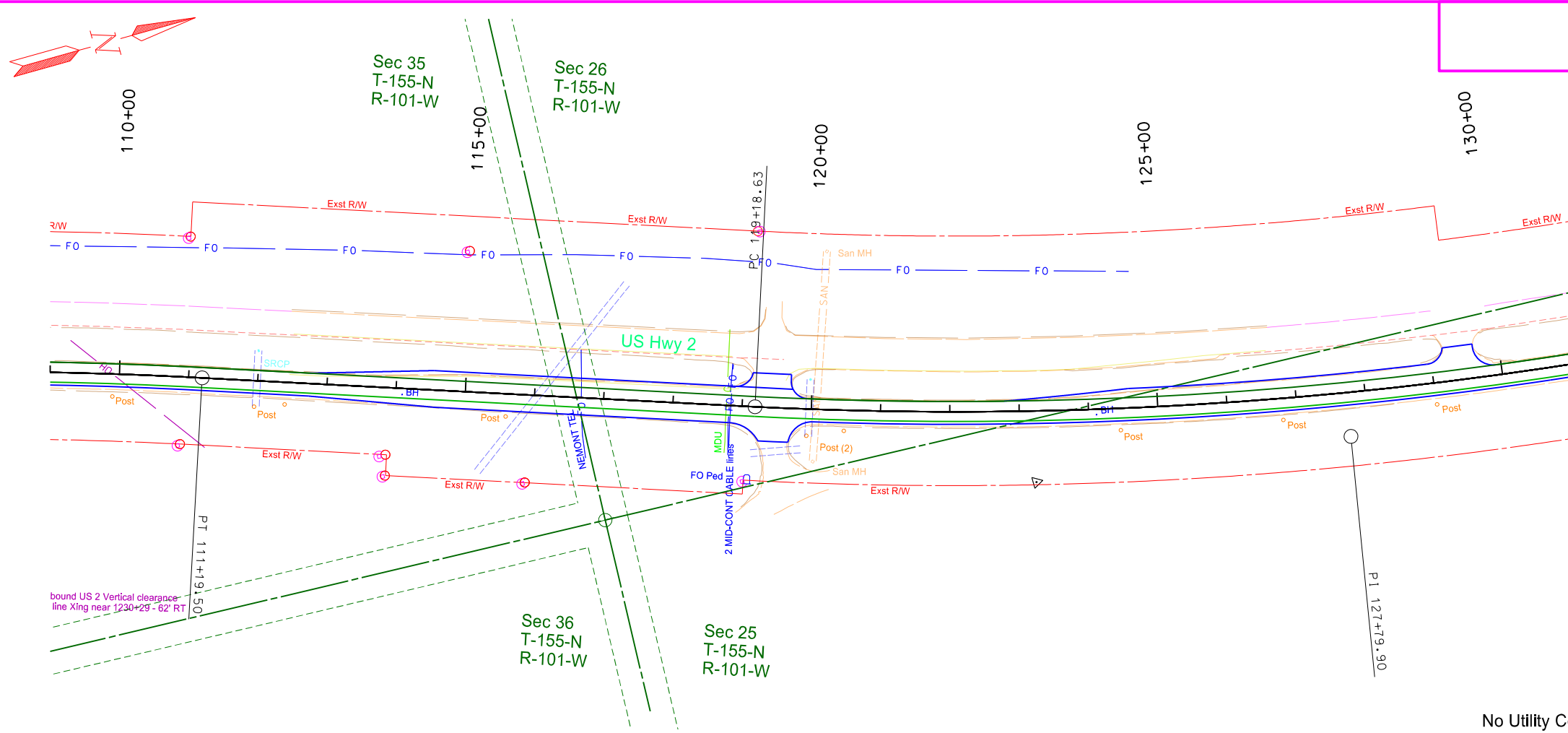


- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line



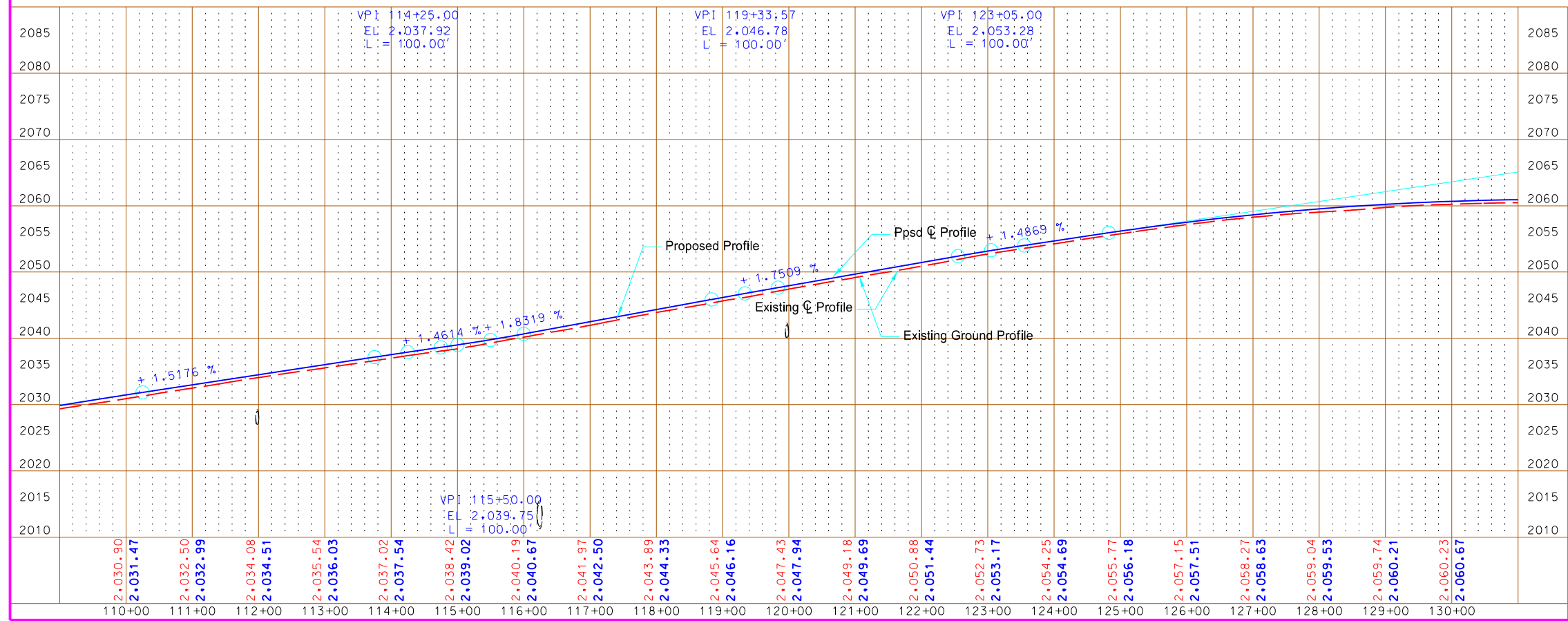
This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 90+00 to 110+00



- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts



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Plan & Profile
US 2
Sta 110+00 to 130+00

Sec 26

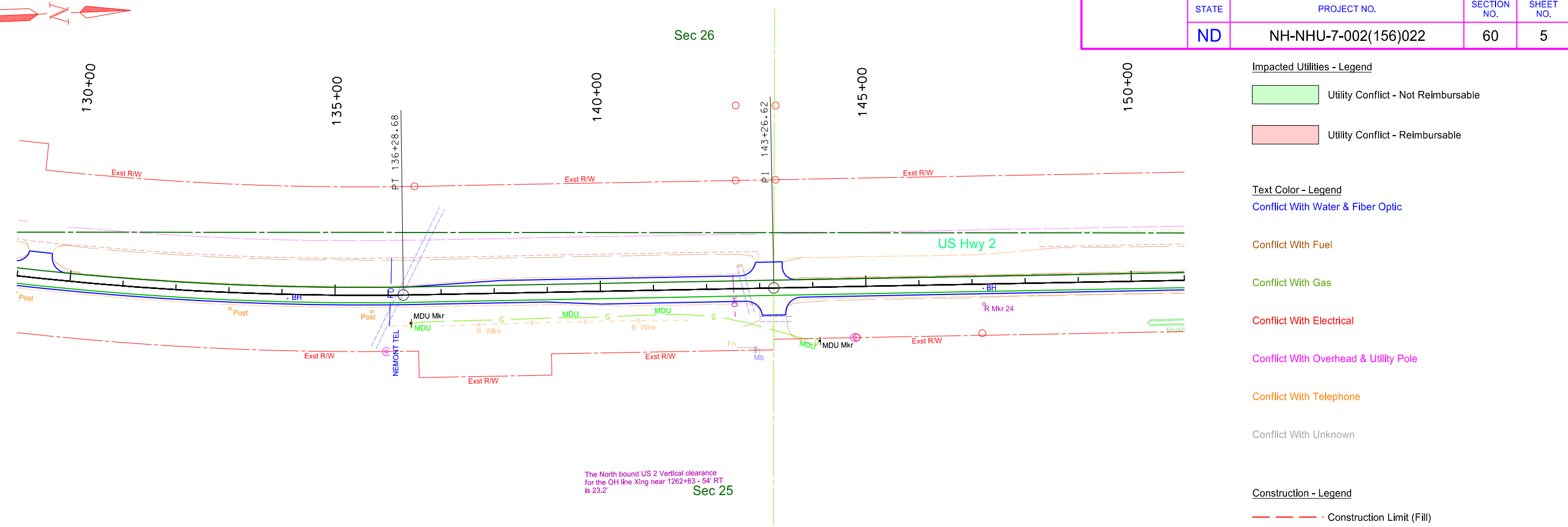
130+00

135+00

140+00

145+00

150+00



The North bound US 2 Vertical clearance for the OH line Xing near 1262+63.54 RT is 23.2

Sec 25

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	5

Impacted Utilities - Legend

- Utility Conflict - Not Reimbursable
- Utility Conflict - Reimbursable

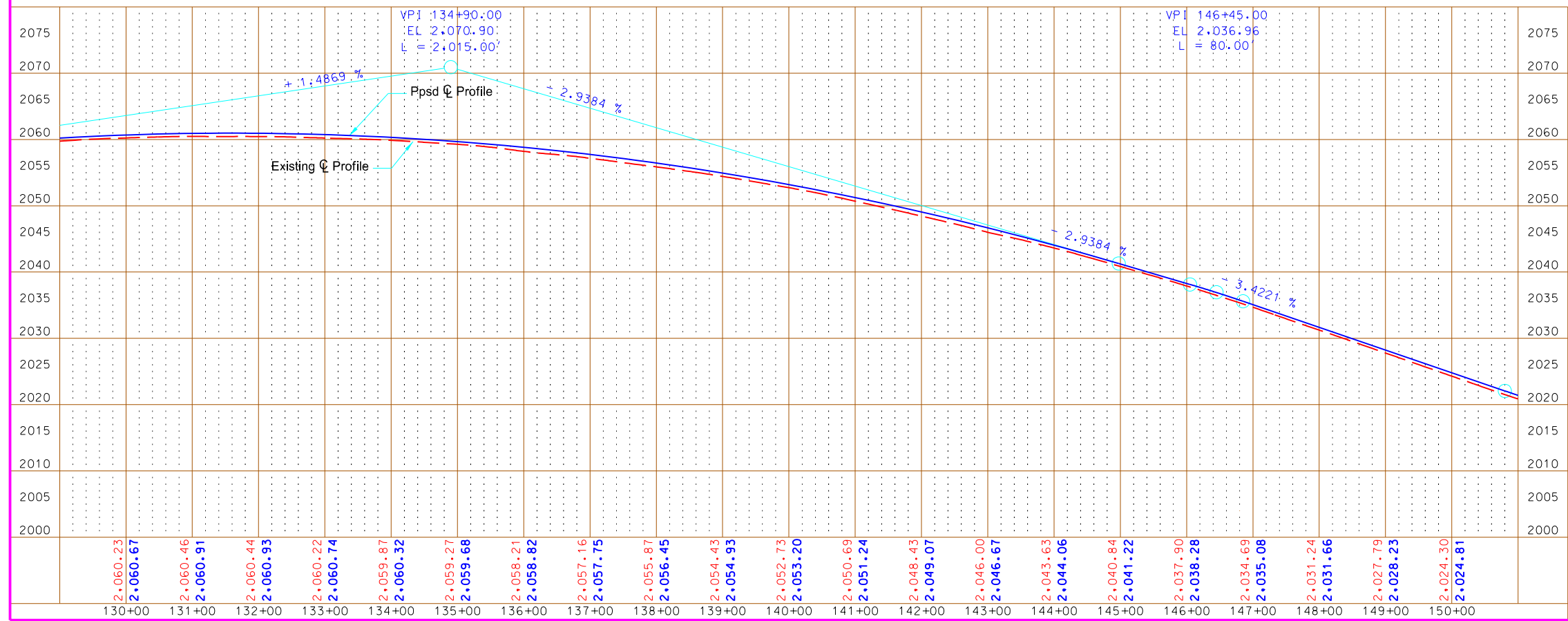
Text Color - Legend

- Conflict With Water & Fiber Optic
- Conflict With Fuel
- Conflict With Gas
- Conflict With Electrical
- Conflict With Overhead & Utility Pole
- Conflict With Telephone
- Conflict With Unknown

Construction - Legend

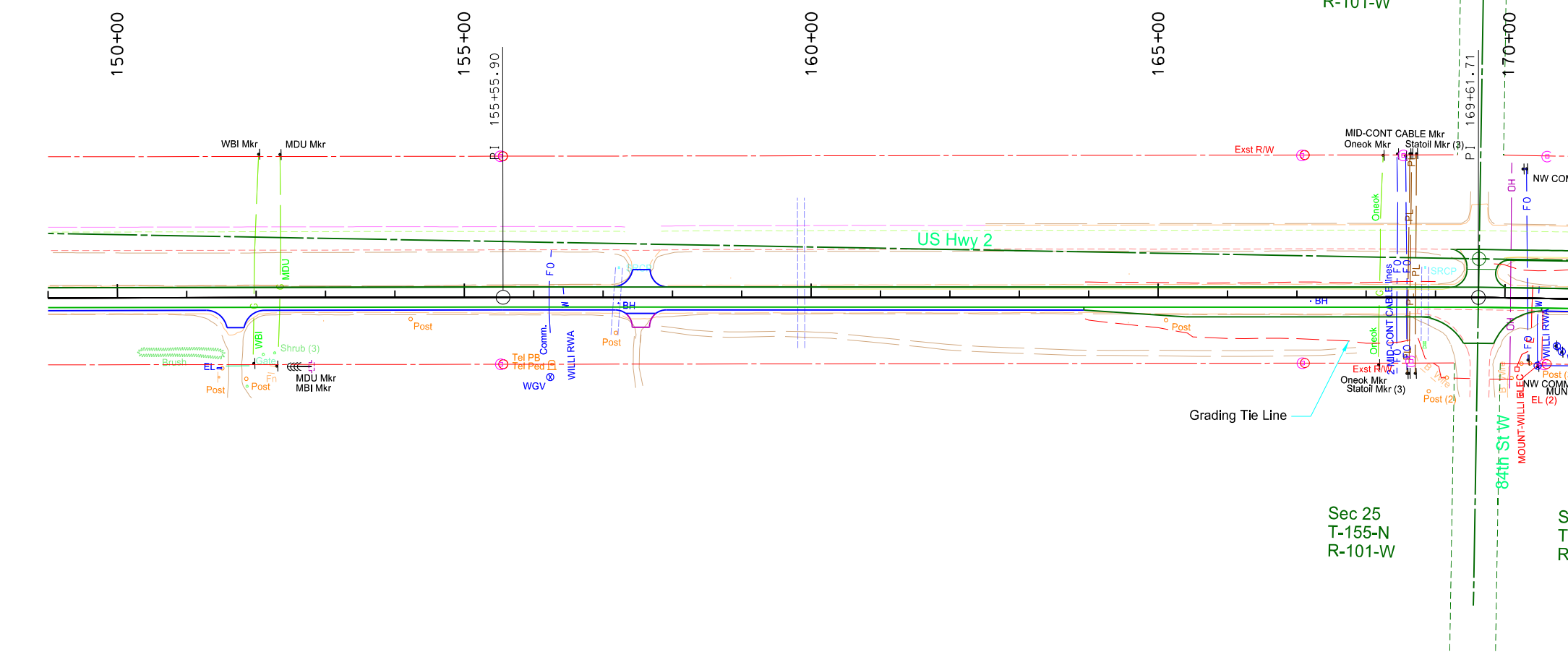
- Construction Limit (Fill)
- Construction Limit (Cut)
- Existing Right of Way Line
- Existing Right of Way (Not State Owned)
- Proposed Right of Way Line
- Existing Easement Line
- Temporary Easement Line
- Utility Easement Line

No Utility Conflicts

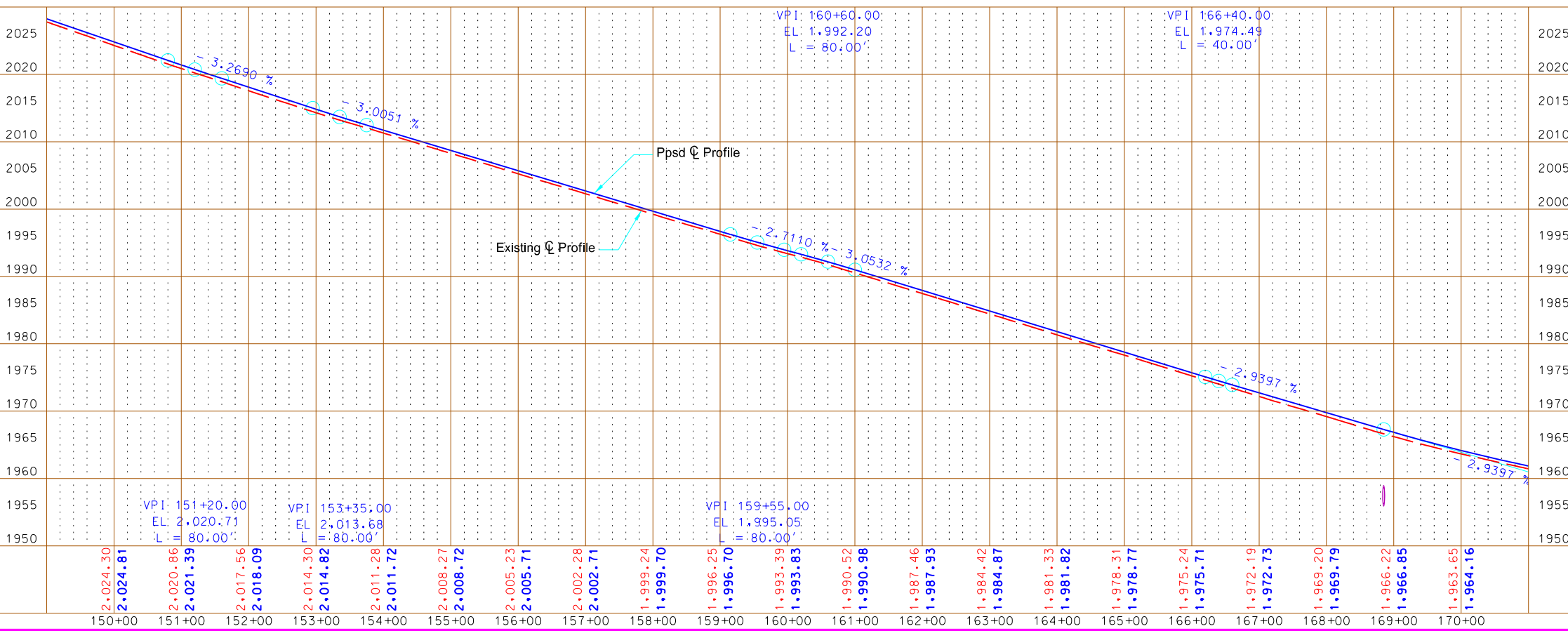


This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 130+00 to 150+00

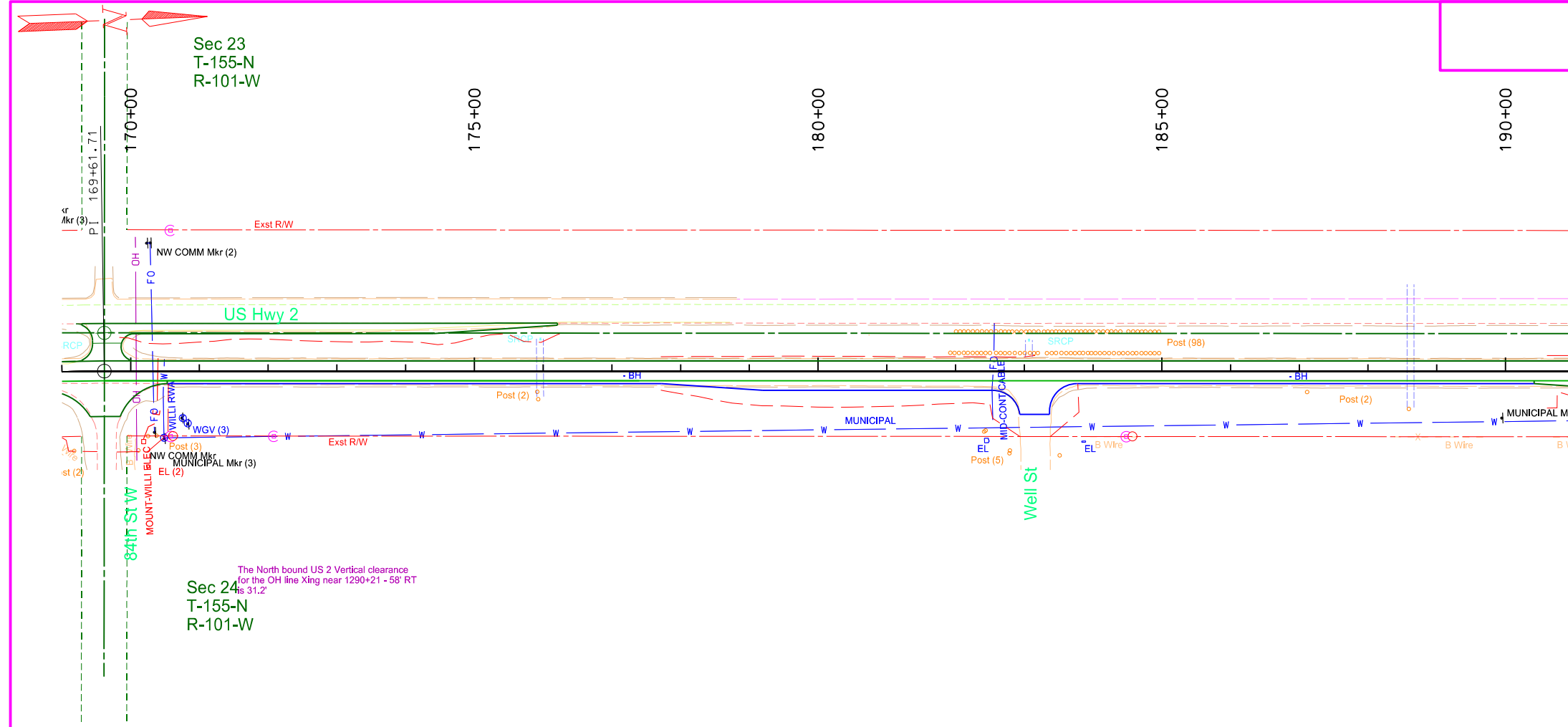


- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

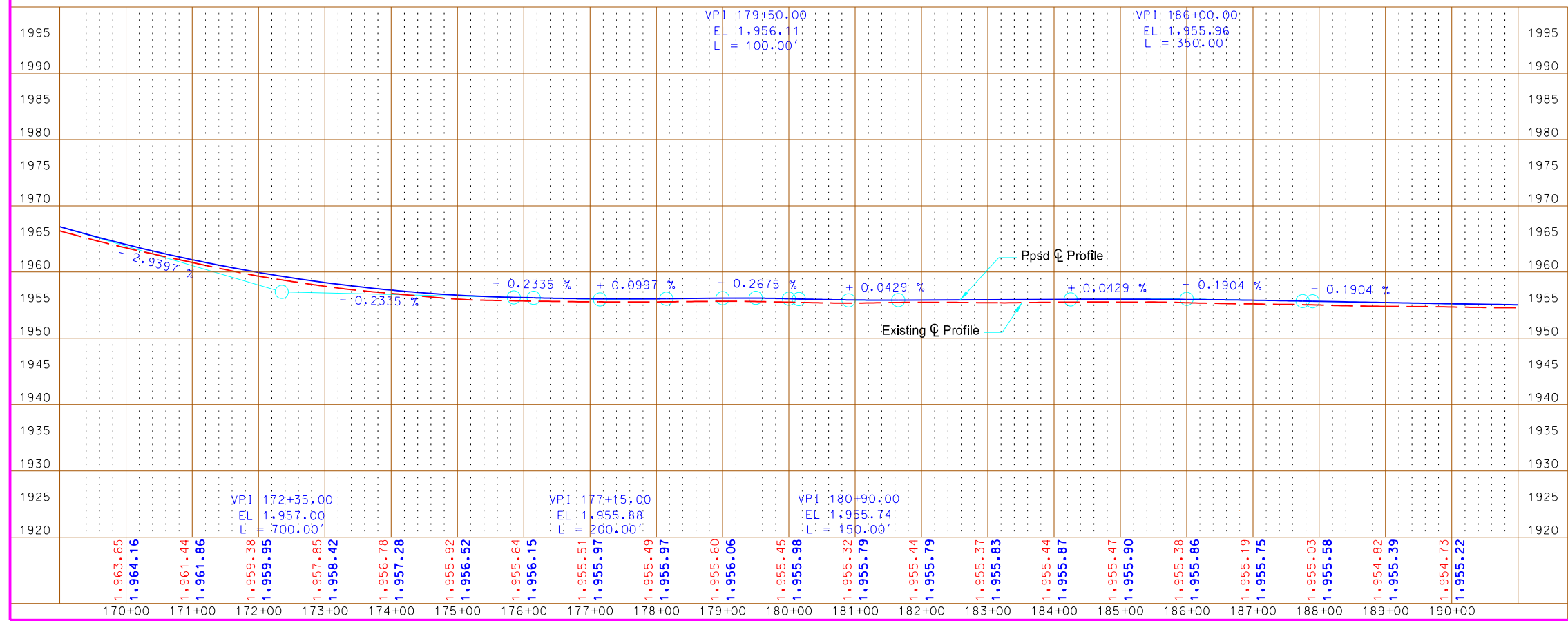


This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 150+00 to 170+00



- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

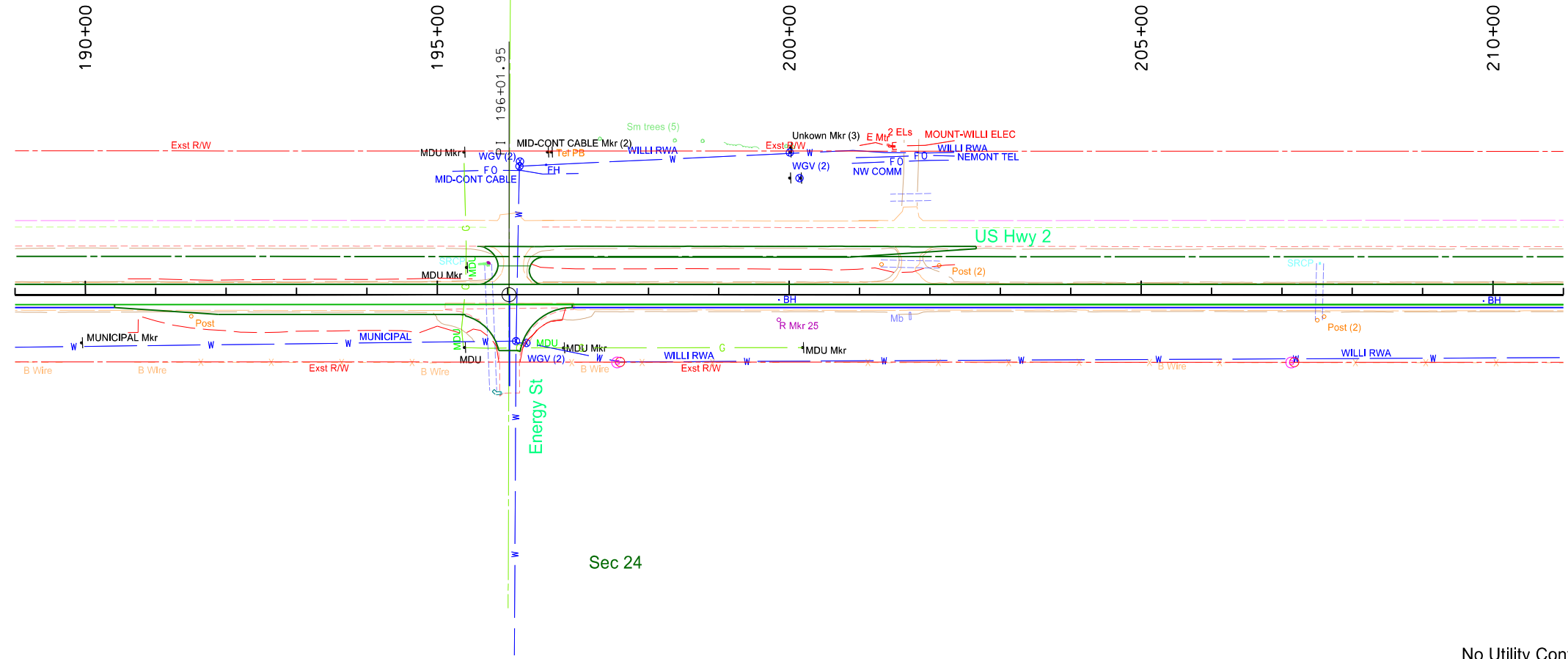


This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 170+00 to 190+00

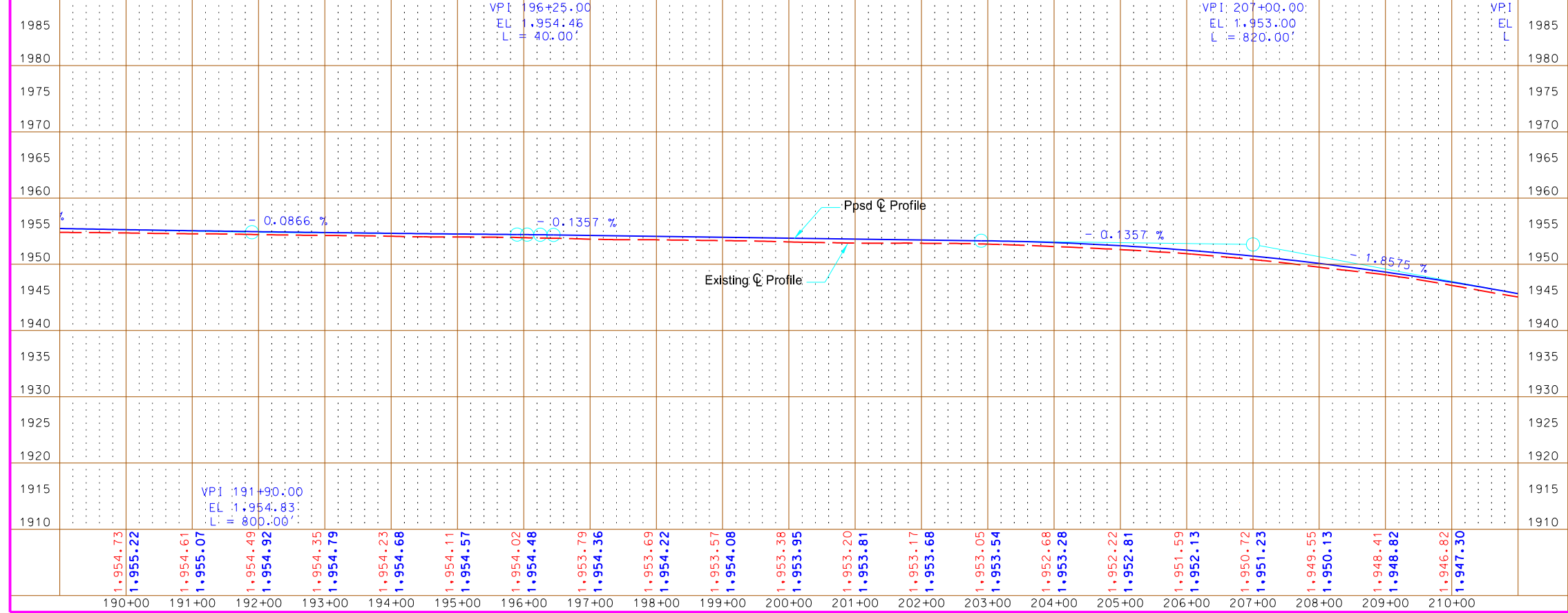


STATE	PROJECT NO.	SECTION NO.	SHEET NO.
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- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts

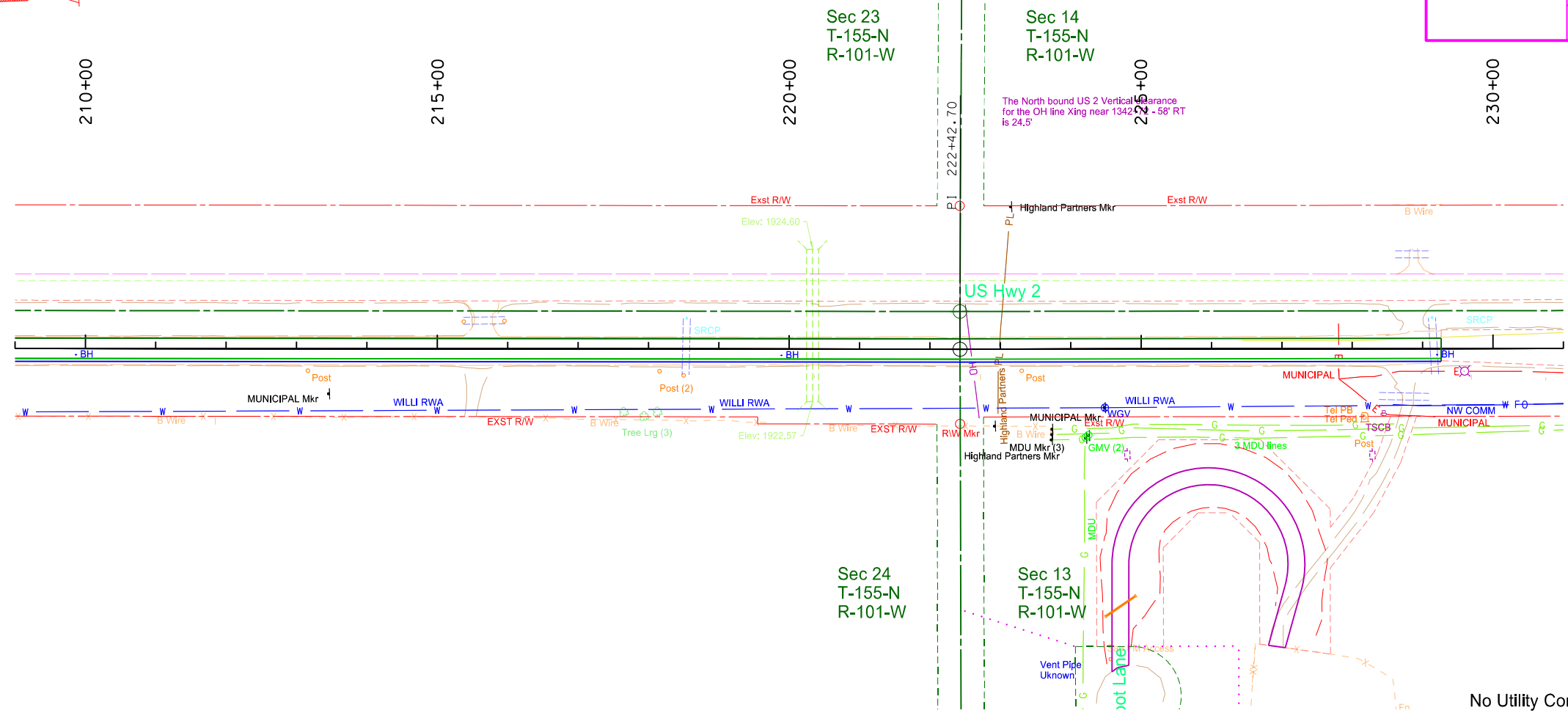


This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 190+00 to 210+00

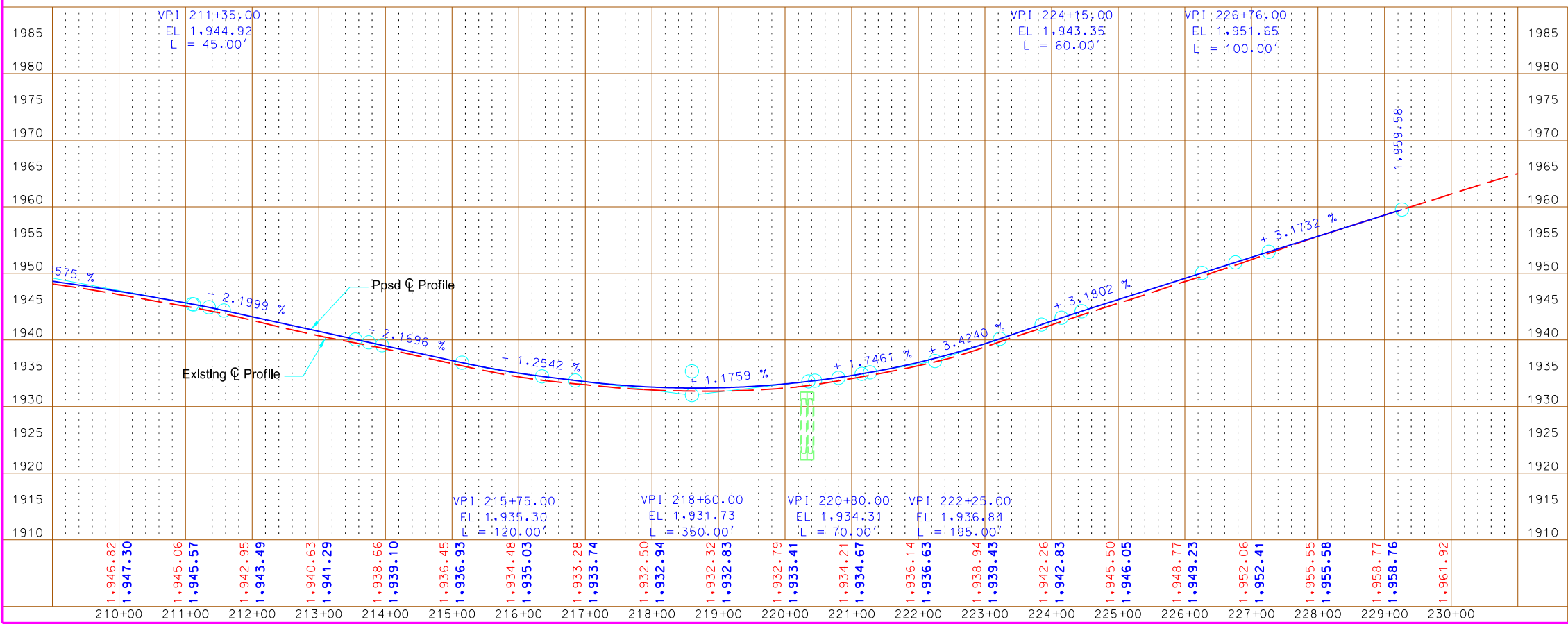


STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	9



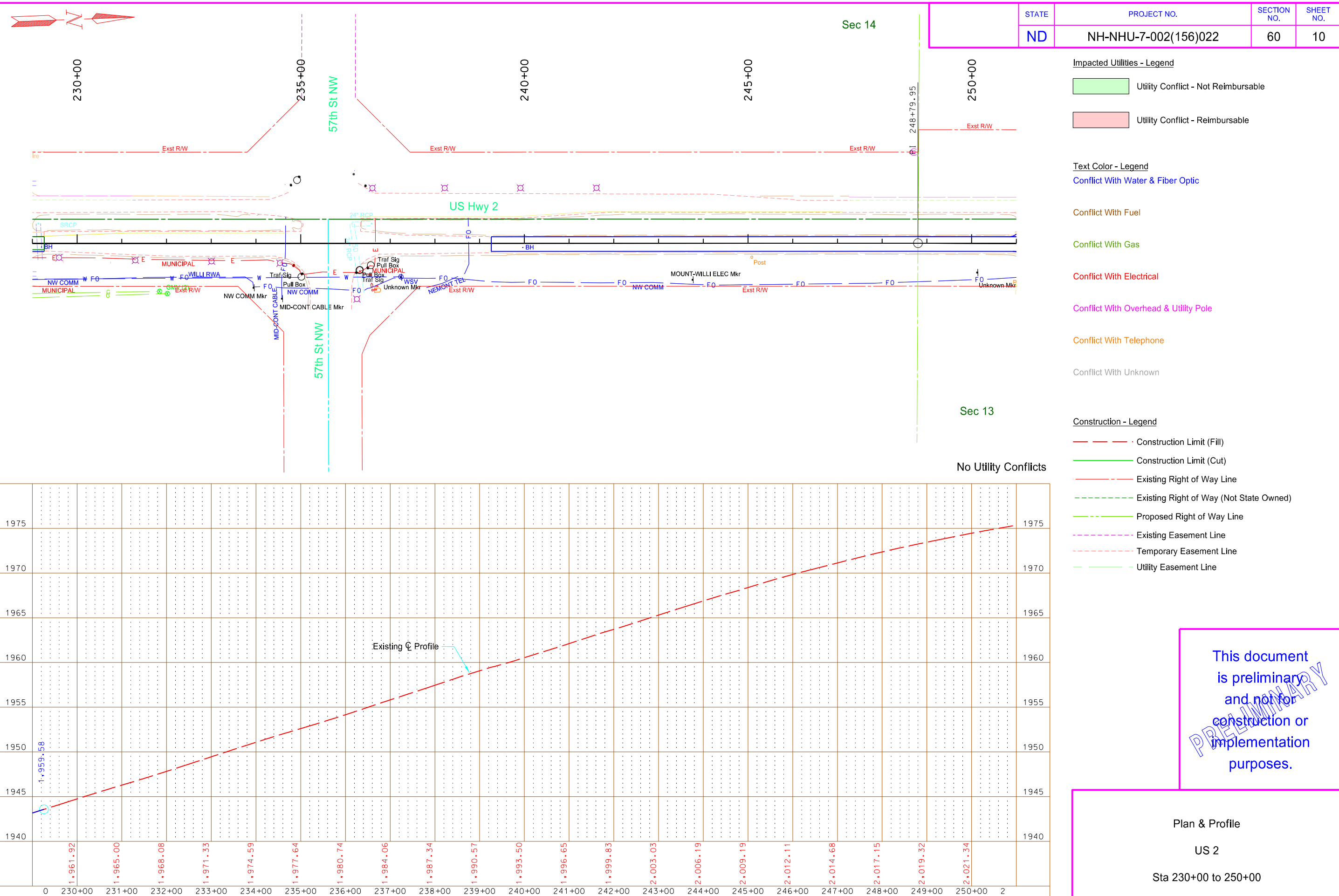
- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts



This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 210+00 to 230+00

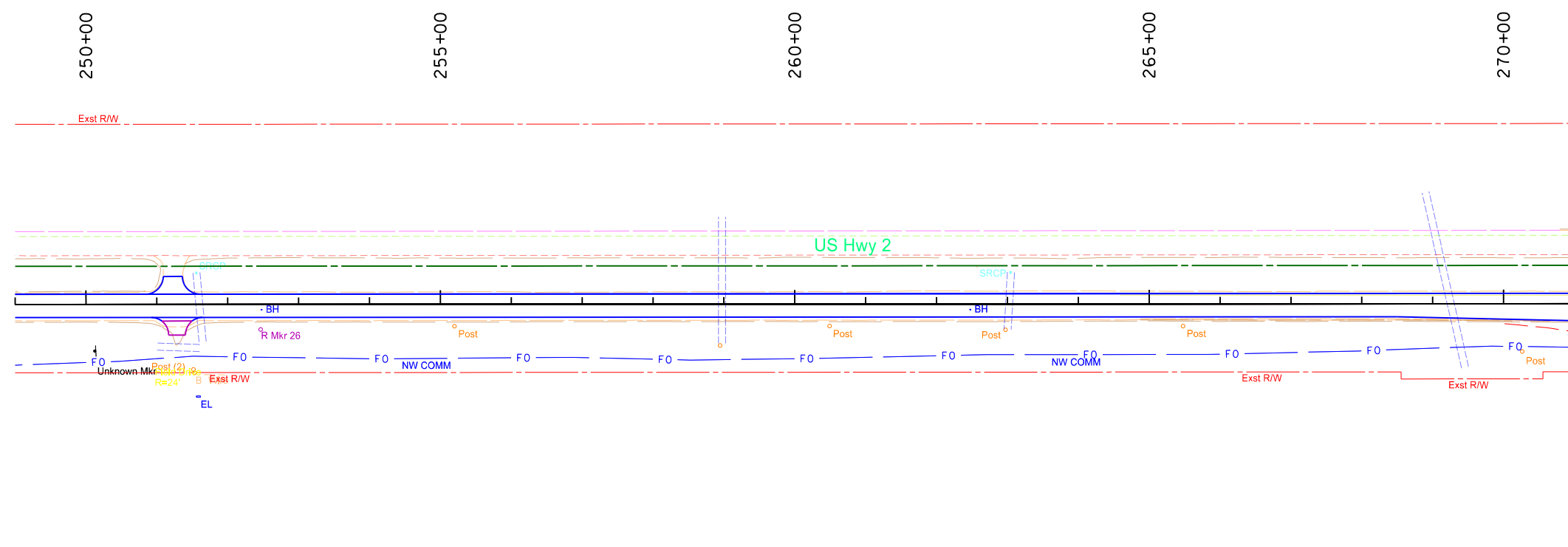


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PRELIMINARY



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	11

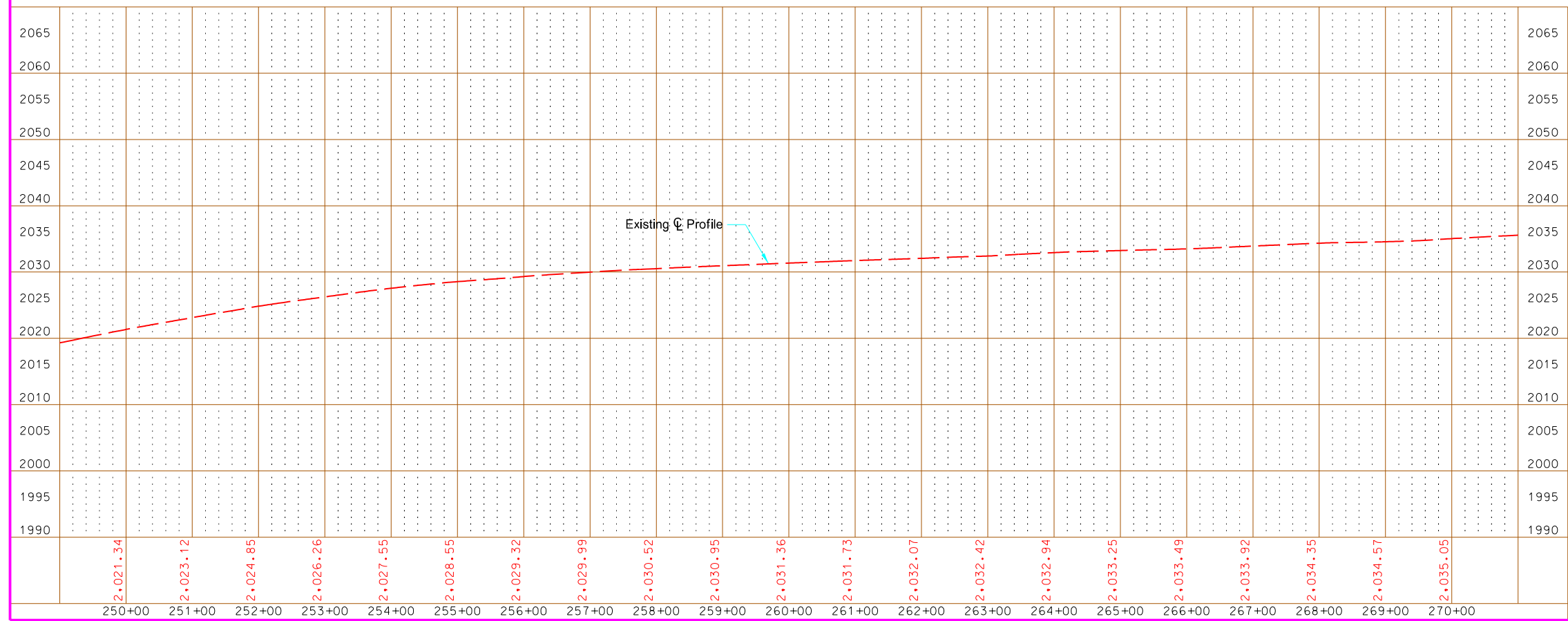


- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown

- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

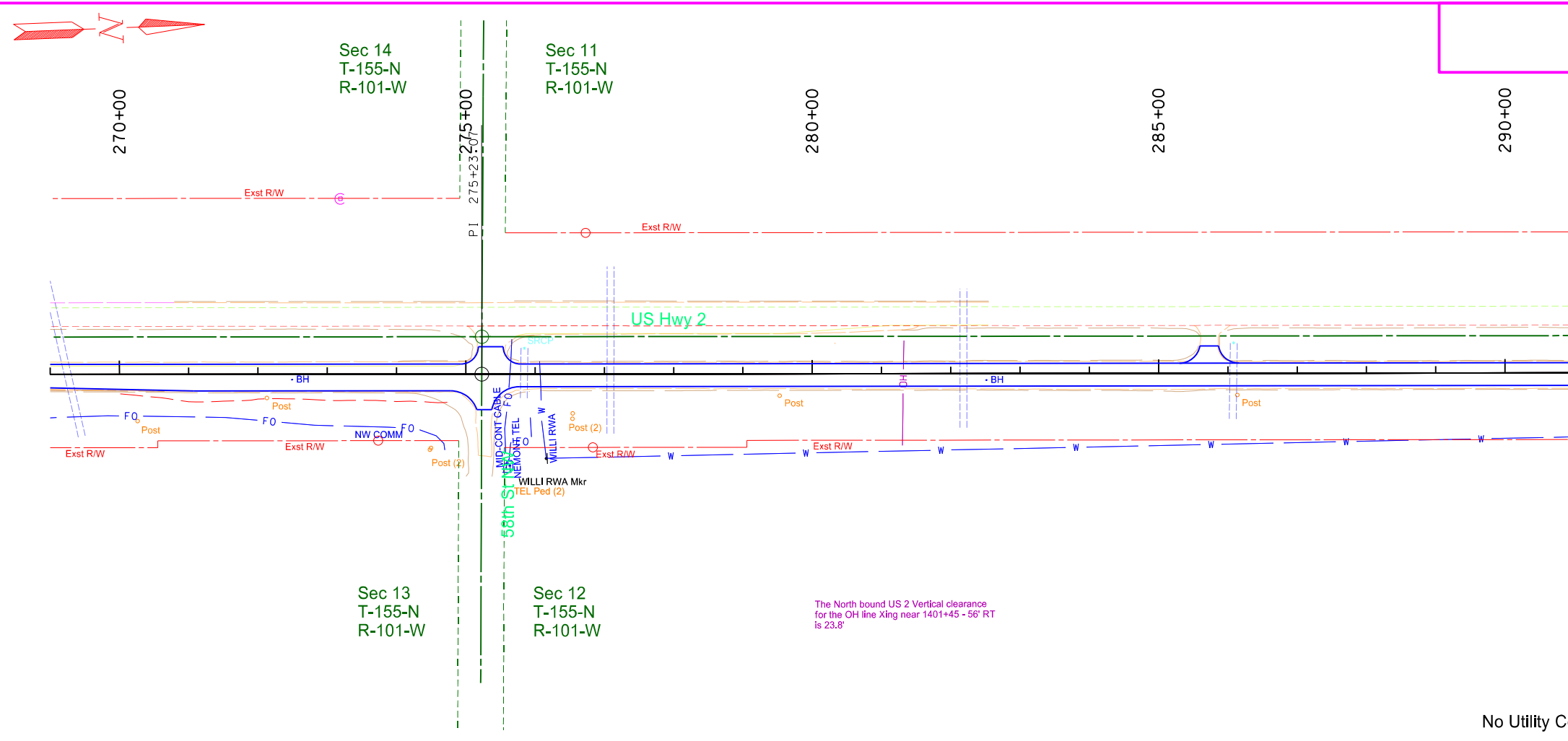
Sec 13

No Utility Conflicts



This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 250+00 to 270+00

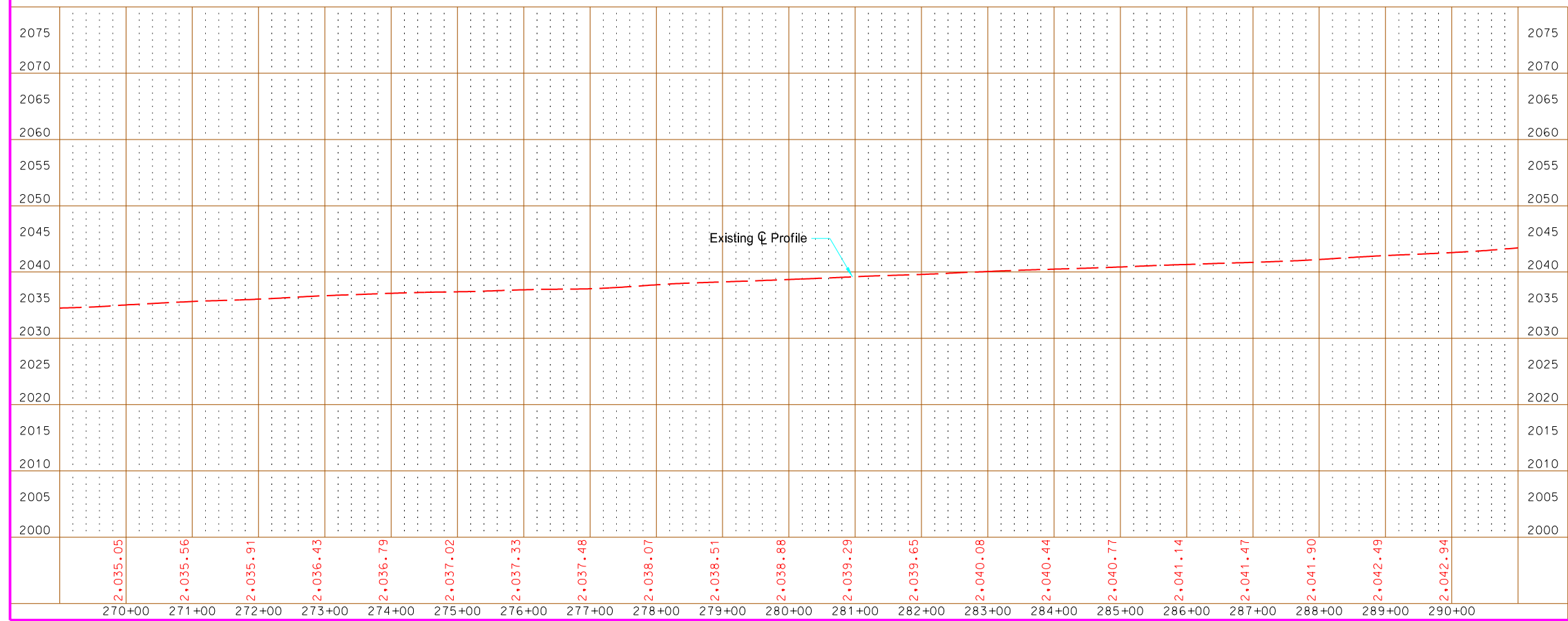


- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable

- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown

- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts

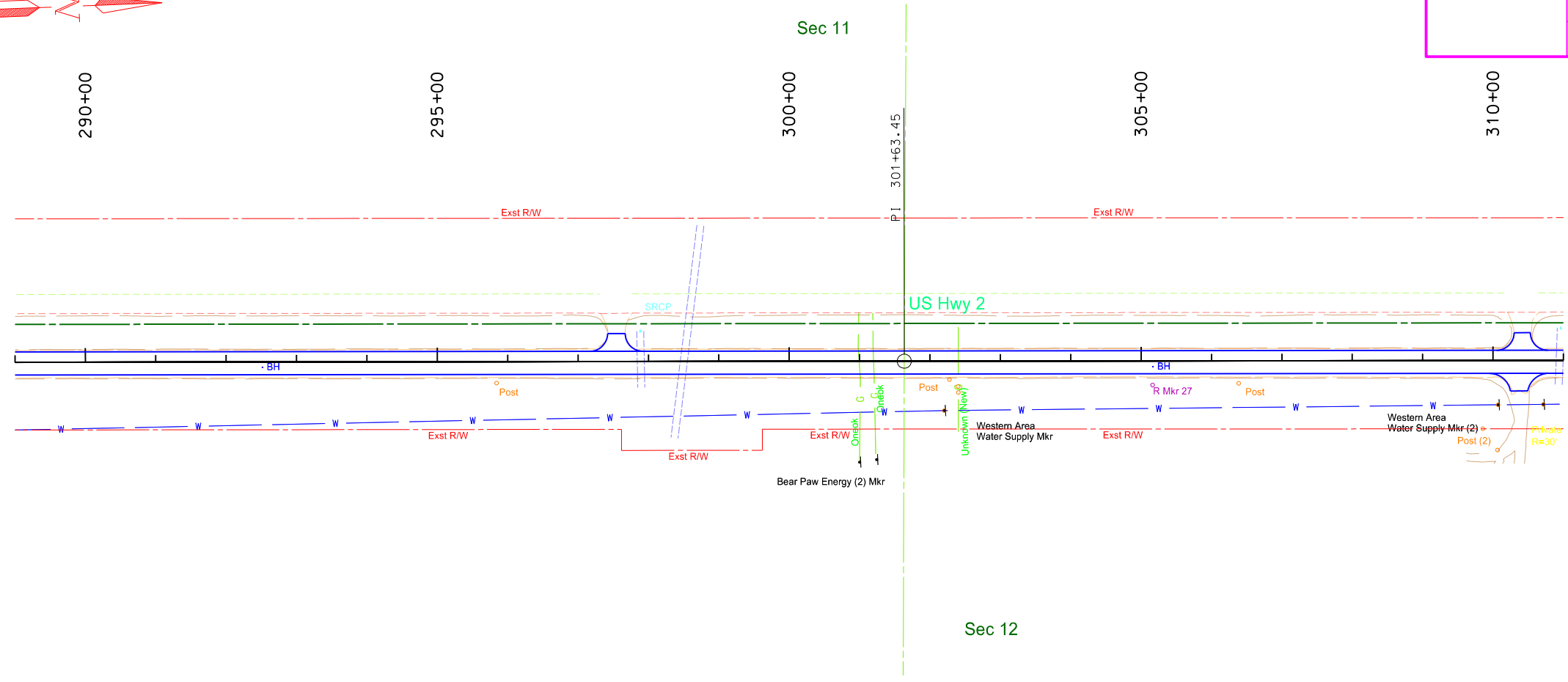


This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 270+00 to 290+00



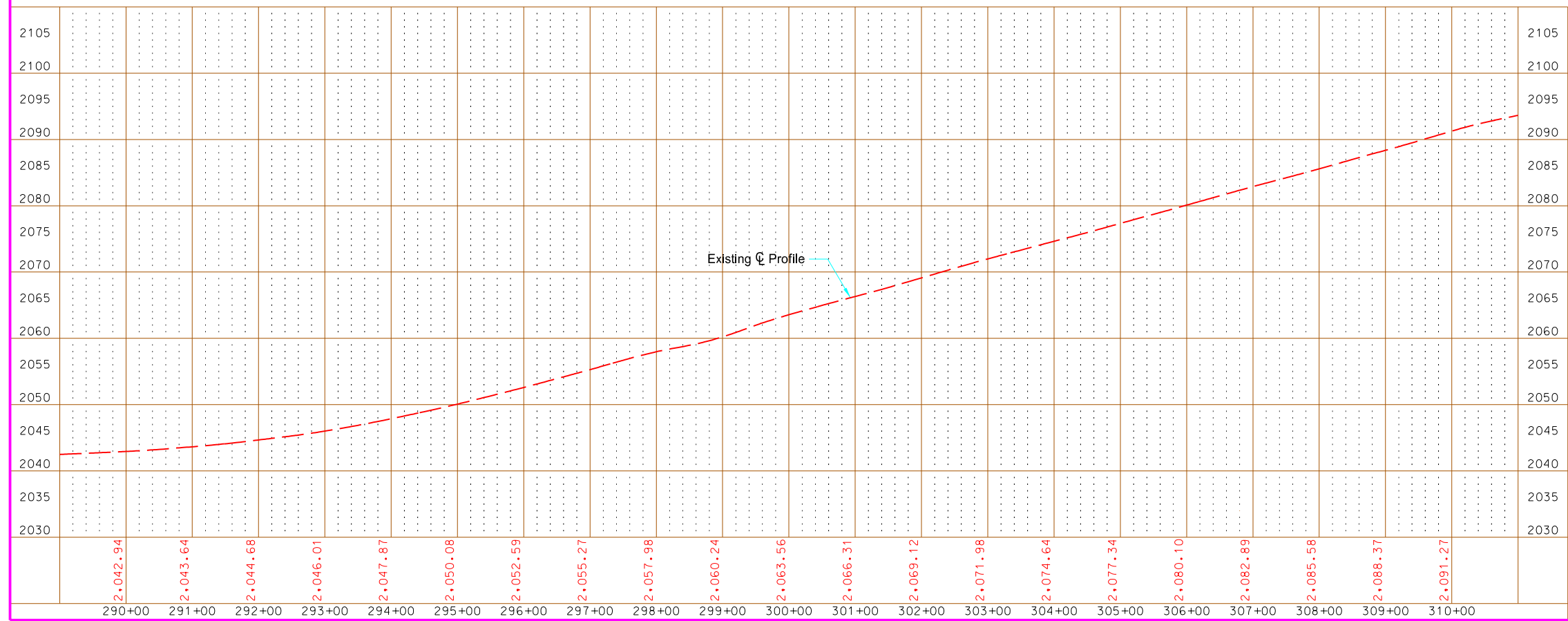
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	13



- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown

- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts

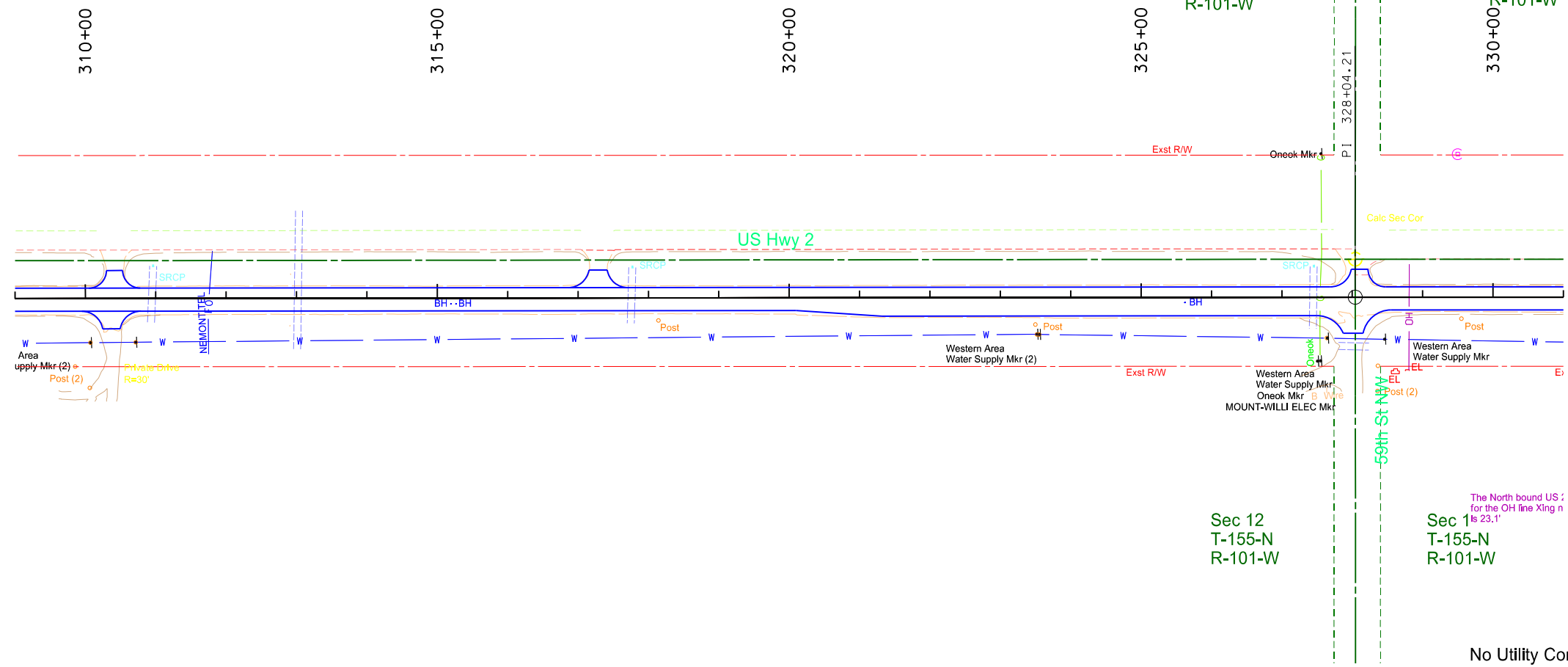


This document is preliminary and not for construction or implementation purposes.

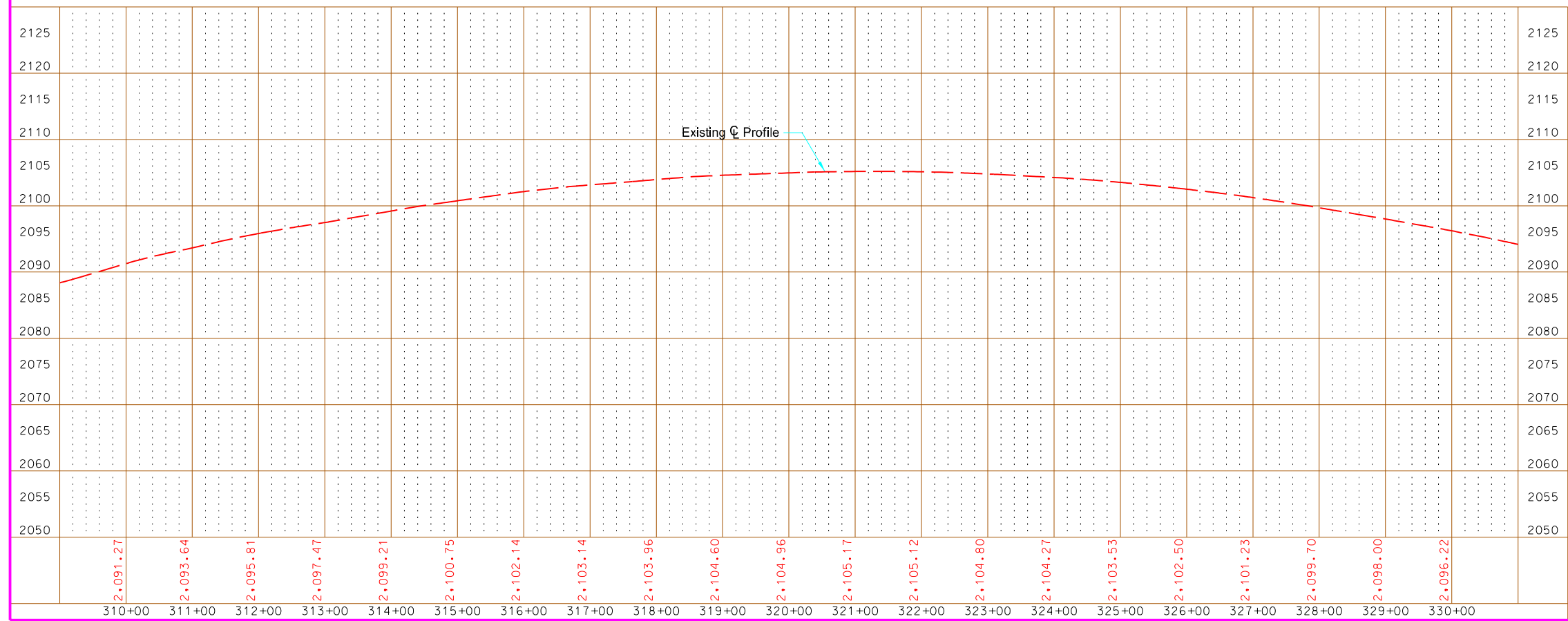
Plan & Profile
US 2
Sta 290+00 to 310+00



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	14

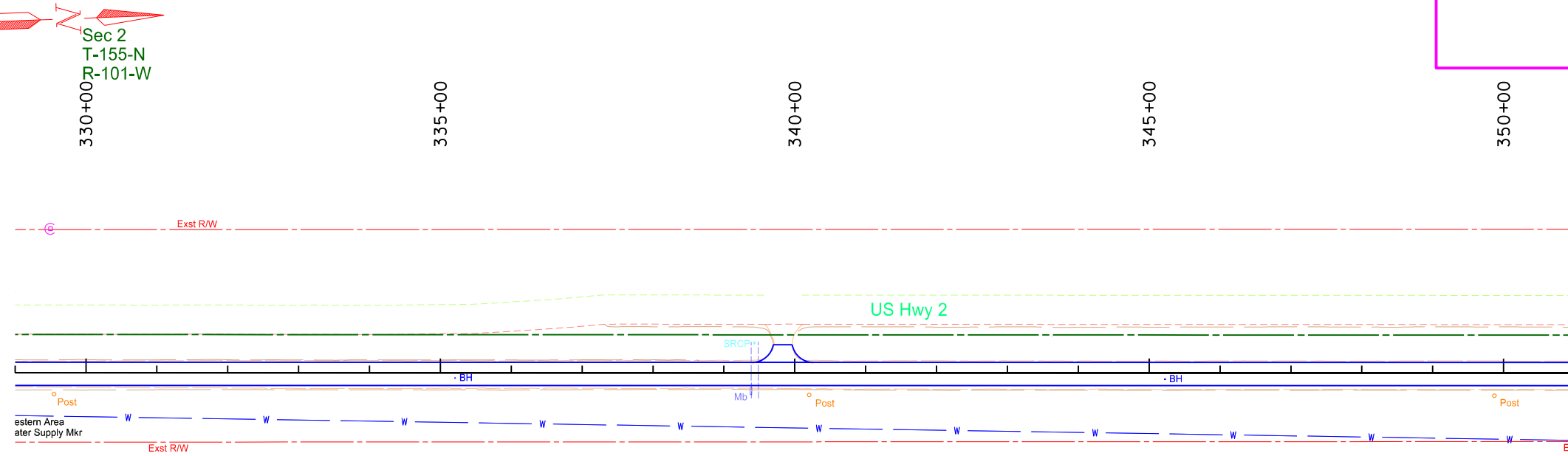


- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line



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is preliminary
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construction or
implementation
purposes.

Plan & Profile
US 2
Sta 310+00 to 330+00



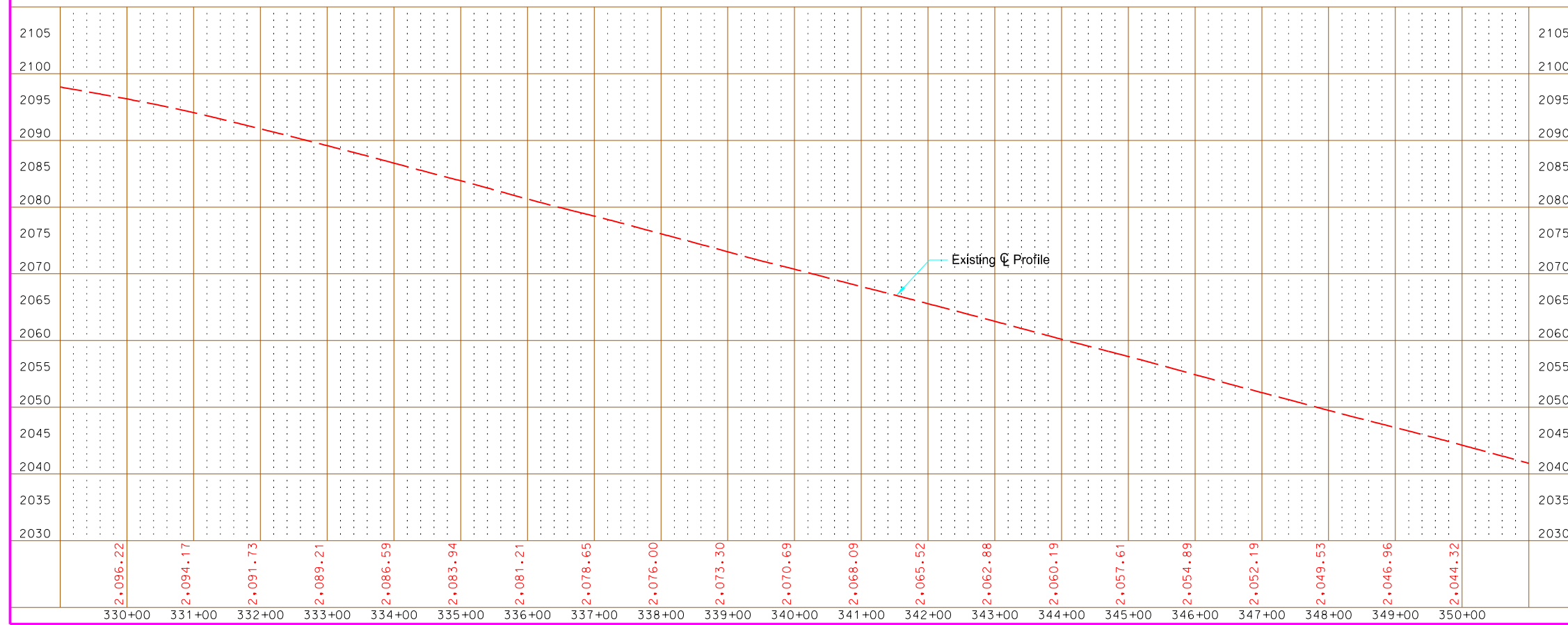
The North bound US 2 Vertical clearance for the OH line Xing near 1448+94 - 55' RT is 23.1'

Sec 1
T-155-N
R-101-W

- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown

No Utility Conflicts

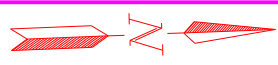
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line



This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

Plan & Profile
US 2
Sta 330+00 to 350+00



Sec 2

350+00

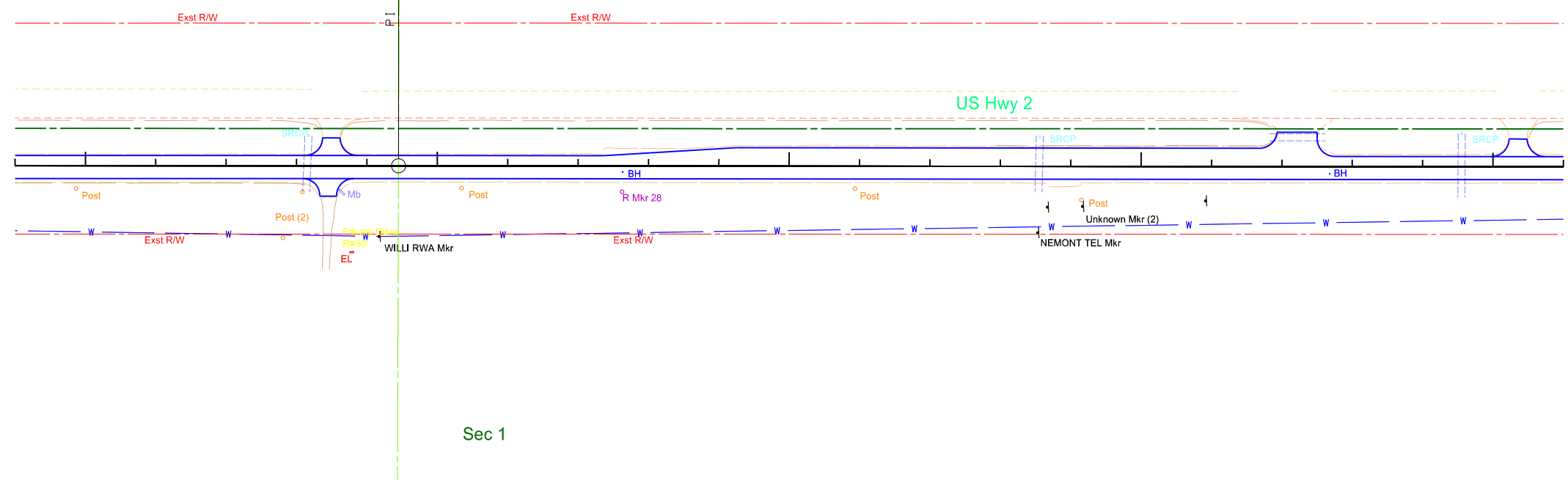
355+00

360+00

365+00

370+00

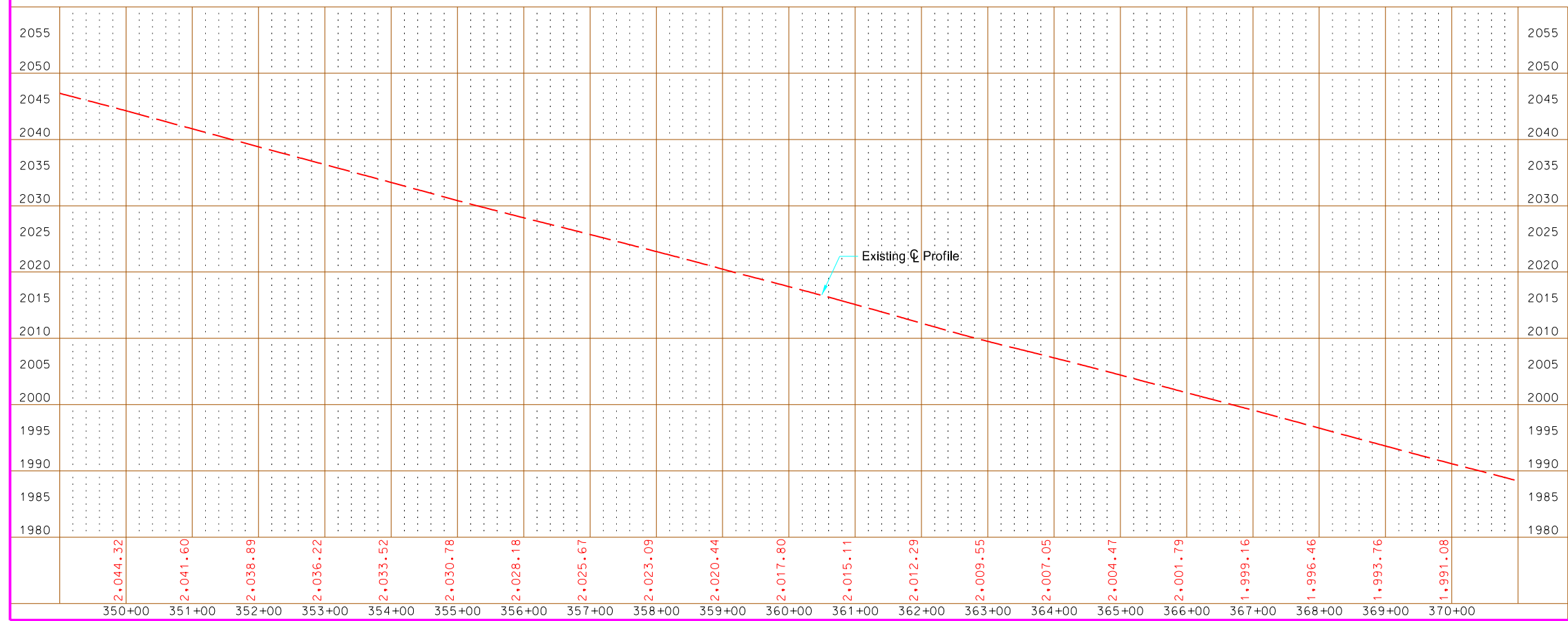
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	16



- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown

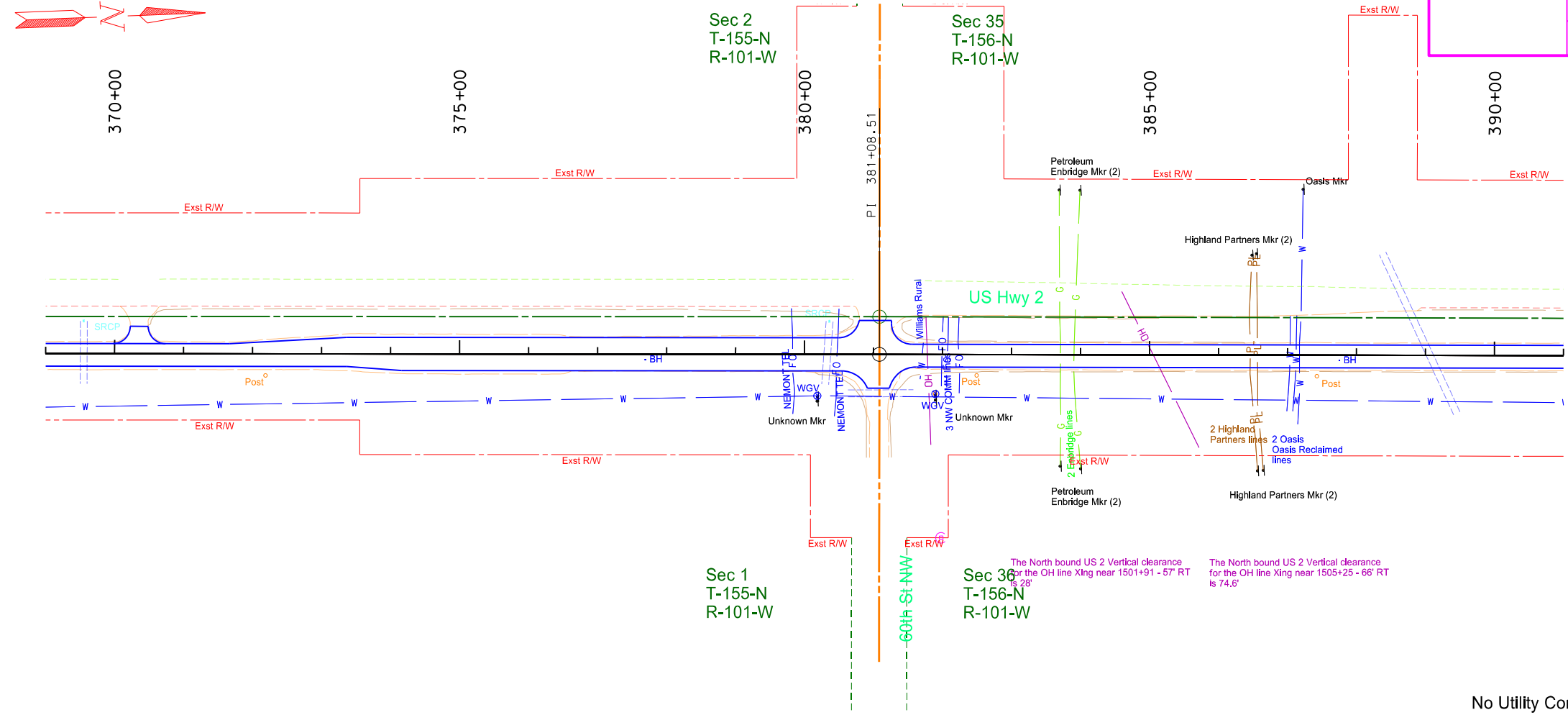
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts

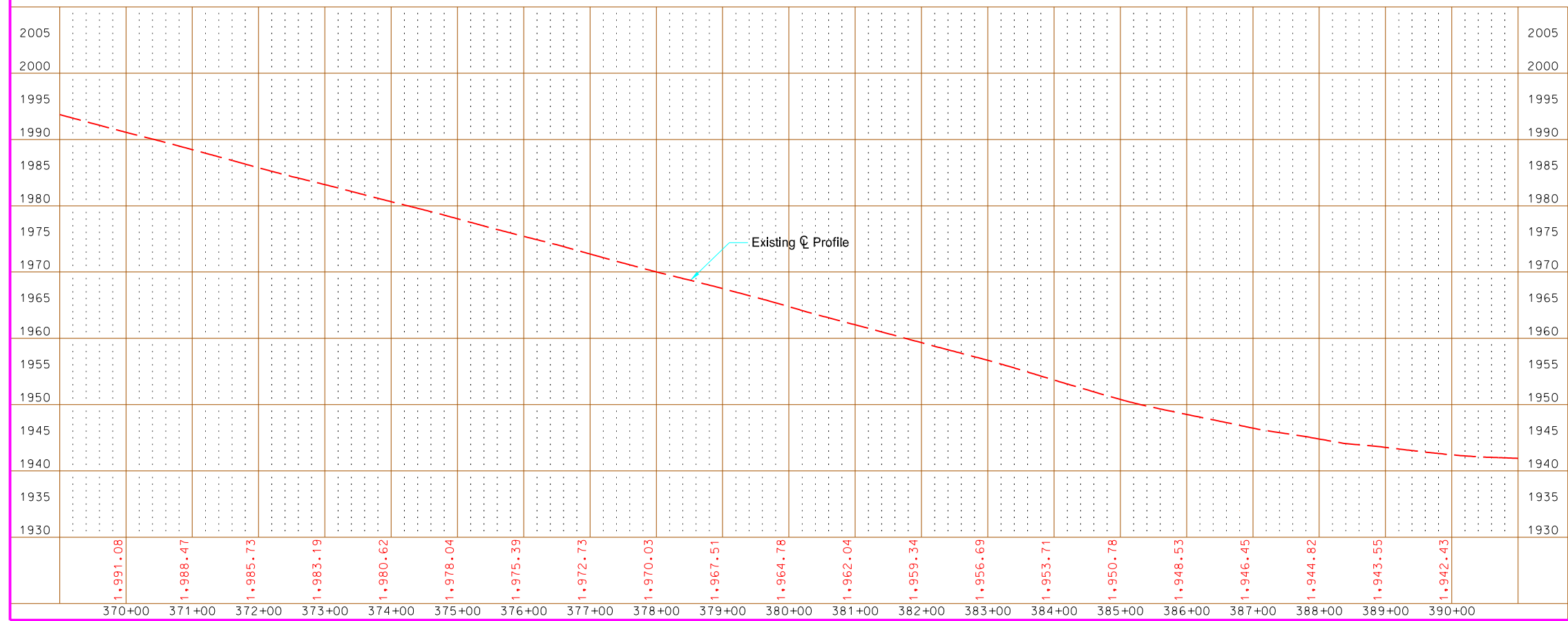


This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 350+00 to 370+00



No Utility Conflicts

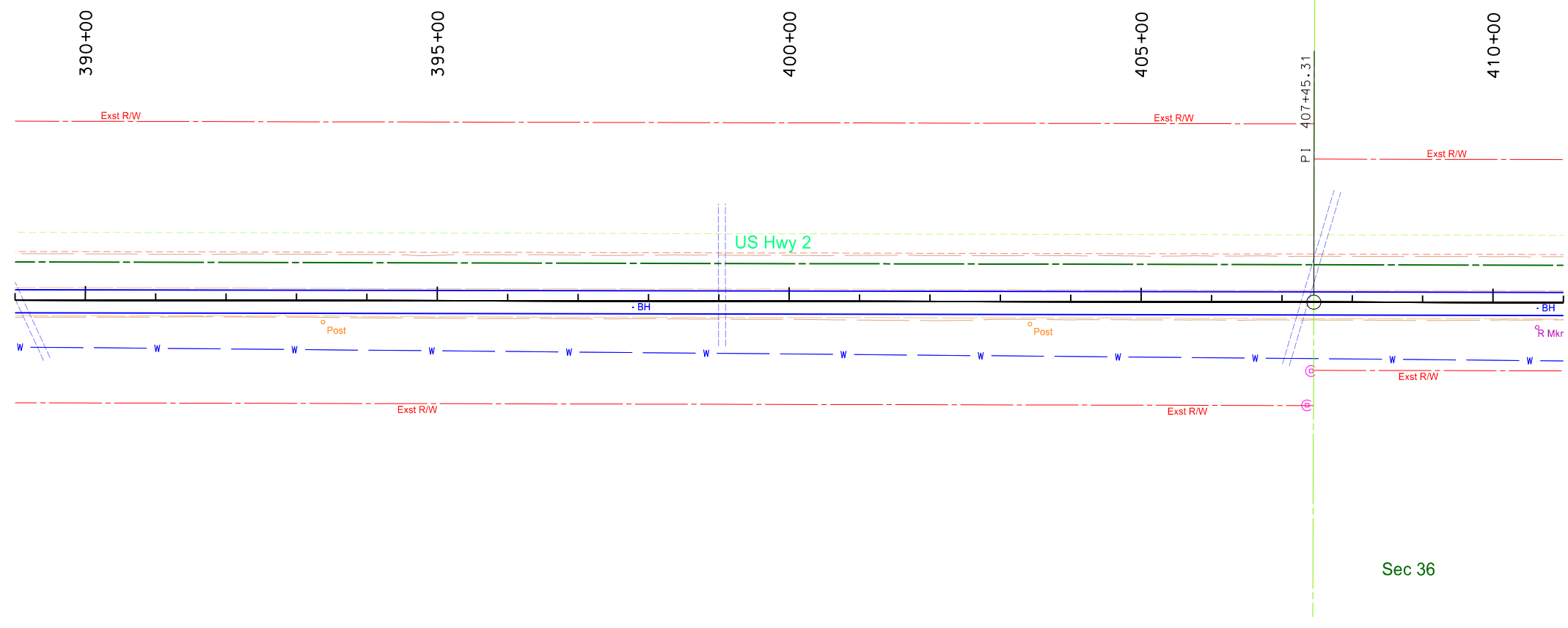


This document
is preliminary
and not for
construction or
implementation
purposes.

Plan & Profile
US 2
Sta 370+00 to 390+00



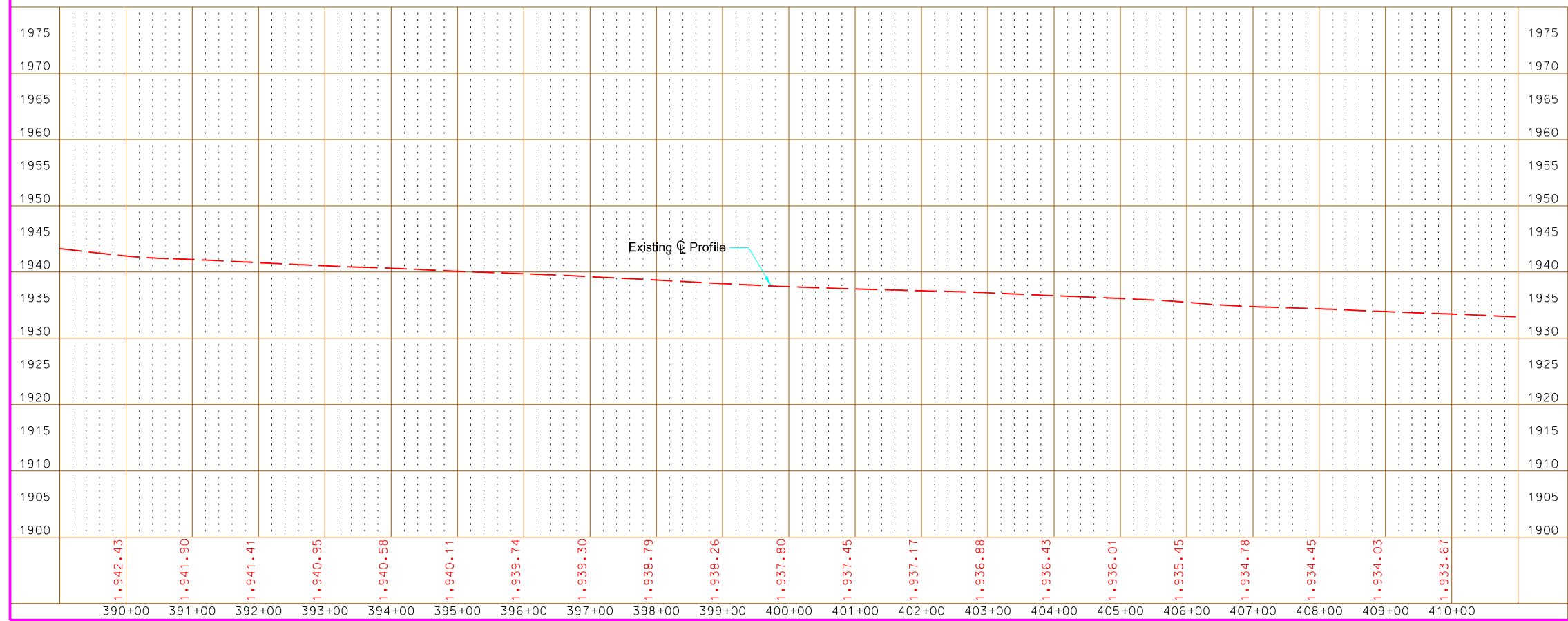
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	18



- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable (Green box)
 - Utility Conflict - Reimbursable (Red box)
- Text Color - Legend**
- Conflict With Water & Fiber Optic (Blue text)
 - Conflict With Fuel (Orange text)
 - Conflict With Gas (Green text)
 - Conflict With Electrical (Red text)
 - Conflict With Overhead & Utility Pole (Purple text)
 - Conflict With Telephone (Orange text)
 - Conflict With Unknown (Grey text)

No Utility Conflicts

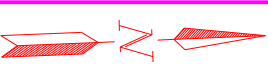
- Construction - Legend**
- Construction Limit (Fill) (Red dashed line)
 - Construction Limit (Cut) (Green solid line)
 - Existing Right of Way Line (Red dashed line)
 - Existing Right of Way (Not State Owned) (Black dashed line)
 - Proposed Right of Way Line (Green dashed line)
 - Existing Easement Line (Purple dashed line)
 - Temporary Easement Line (Red dashed line)
 - Utility Easement Line (Green dashed line)



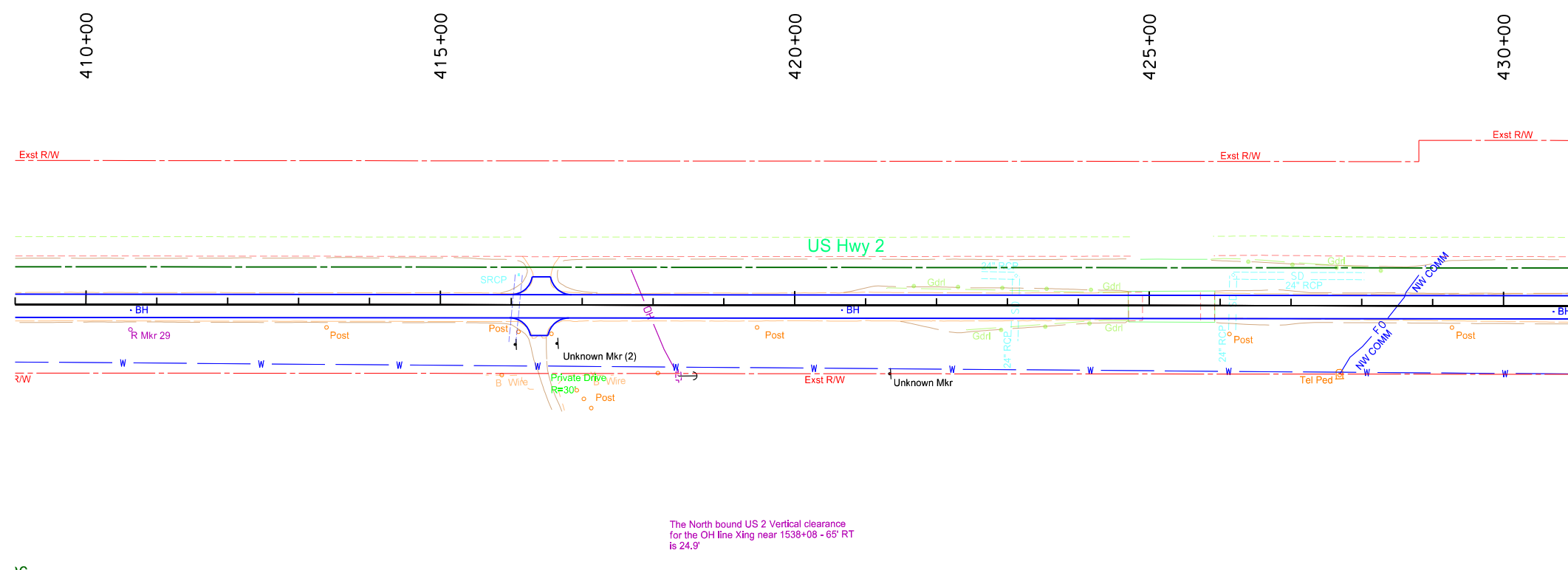
PRELIMINARY

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Plan & Profile
 US 2
 Sta 390+00 to 410+00



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	19



36

The North bound US 2 Vertical clearance for the OH line Xing near 1538+08 - 65' RT is 24.9'

Impacted Utilities - Legend

- Utility Conflict - Not Reimbursable
- Utility Conflict - Reimbursable

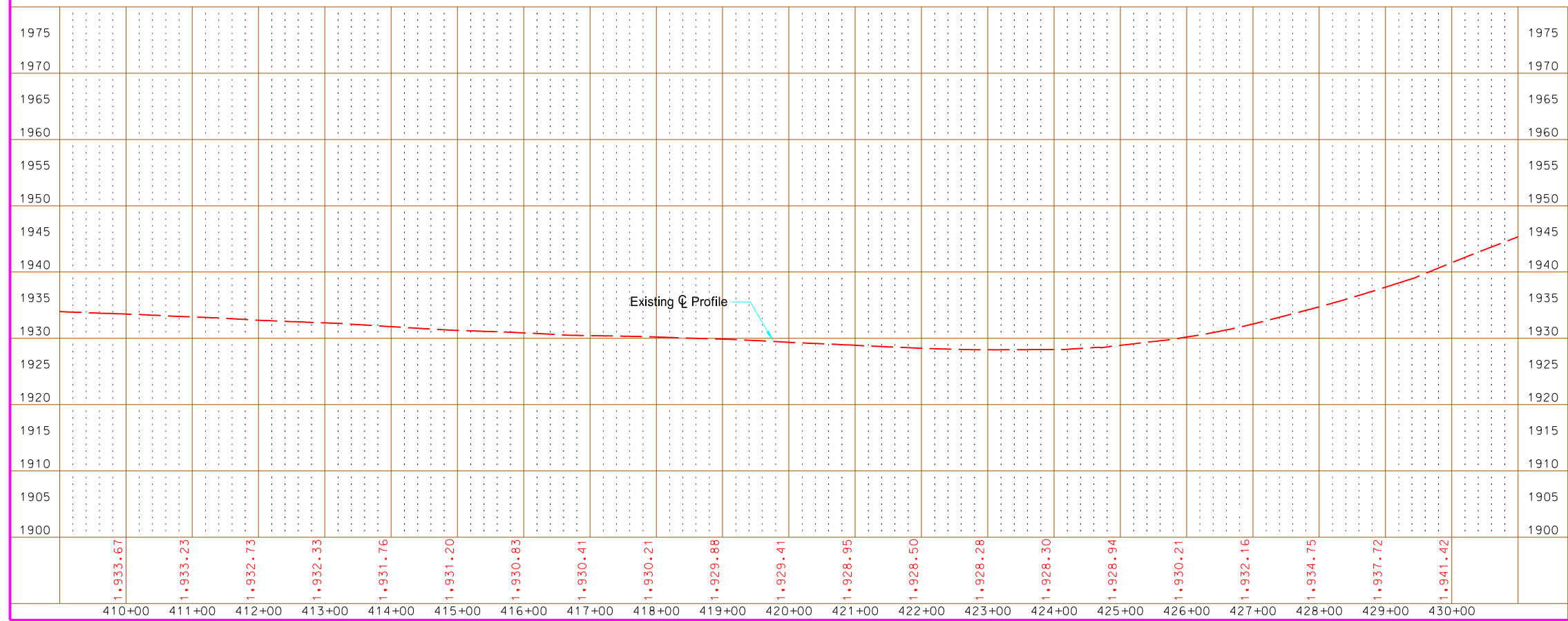
Text Color - Legend

- Conflict With Water & Fiber Optic
- Conflict With Fuel
- Conflict With Gas
- Conflict With Electrical
- Conflict With Overhead & Utility Pole
- Conflict With Telephone
- Conflict With Unknown

Construction - Legend

- - - Construction Limit (Fill)
- Construction Limit (Cut)
- Existing Right of Way Line
- - - Existing Right of Way (Not State Owned)
- Proposed Right of Way Line
- - - Existing Easement Line
- - - Temporary Easement Line
- Utility Easement Line

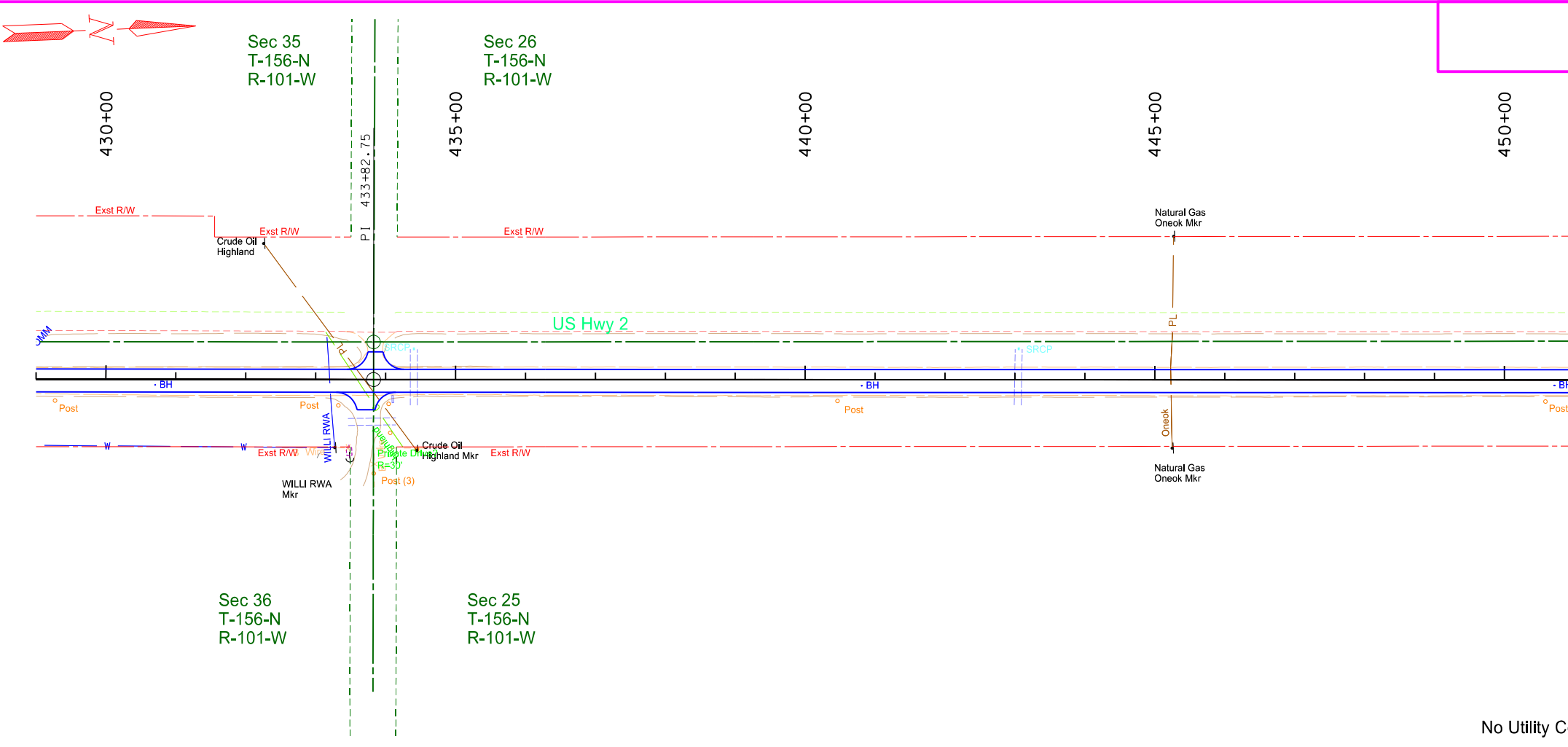
No Utility Conflicts



This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

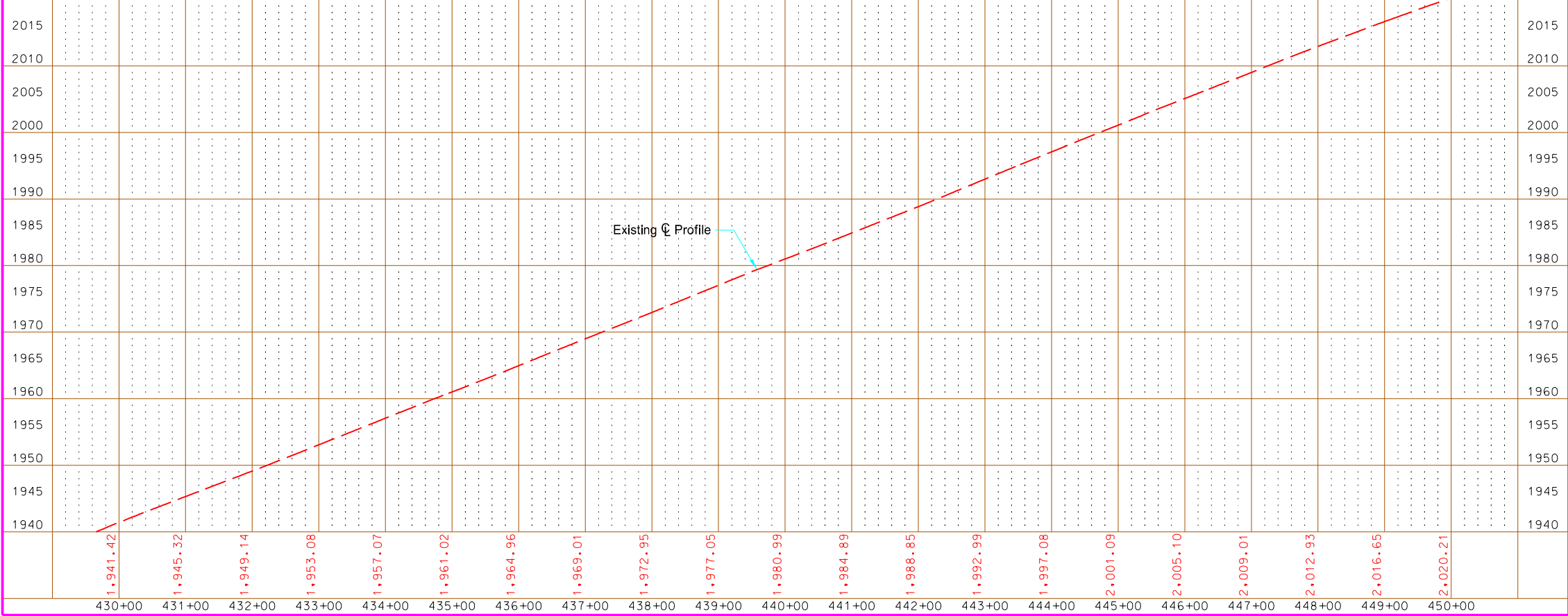
Plan & Profile
US 2
Sta 410+00 to 430+00



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	20

- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts

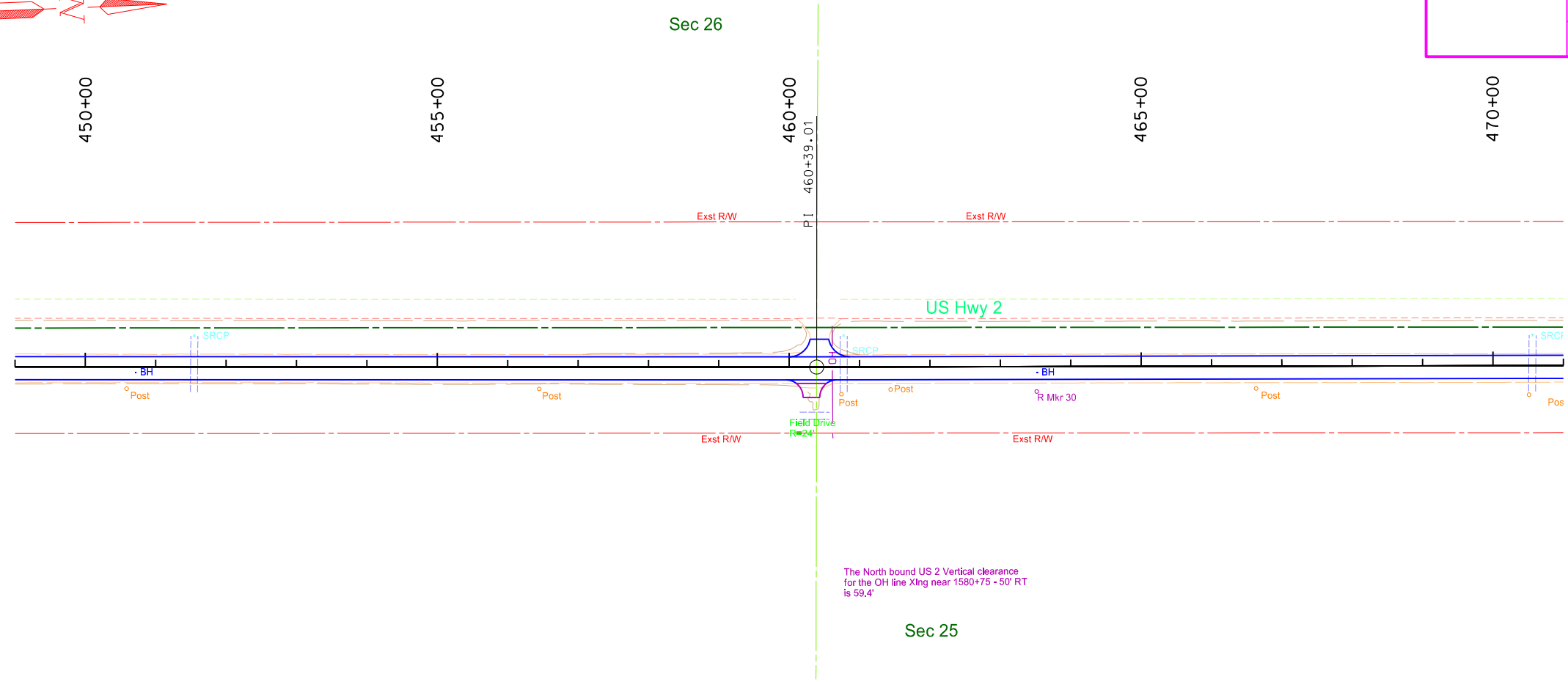


This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 430+00 to 450+00



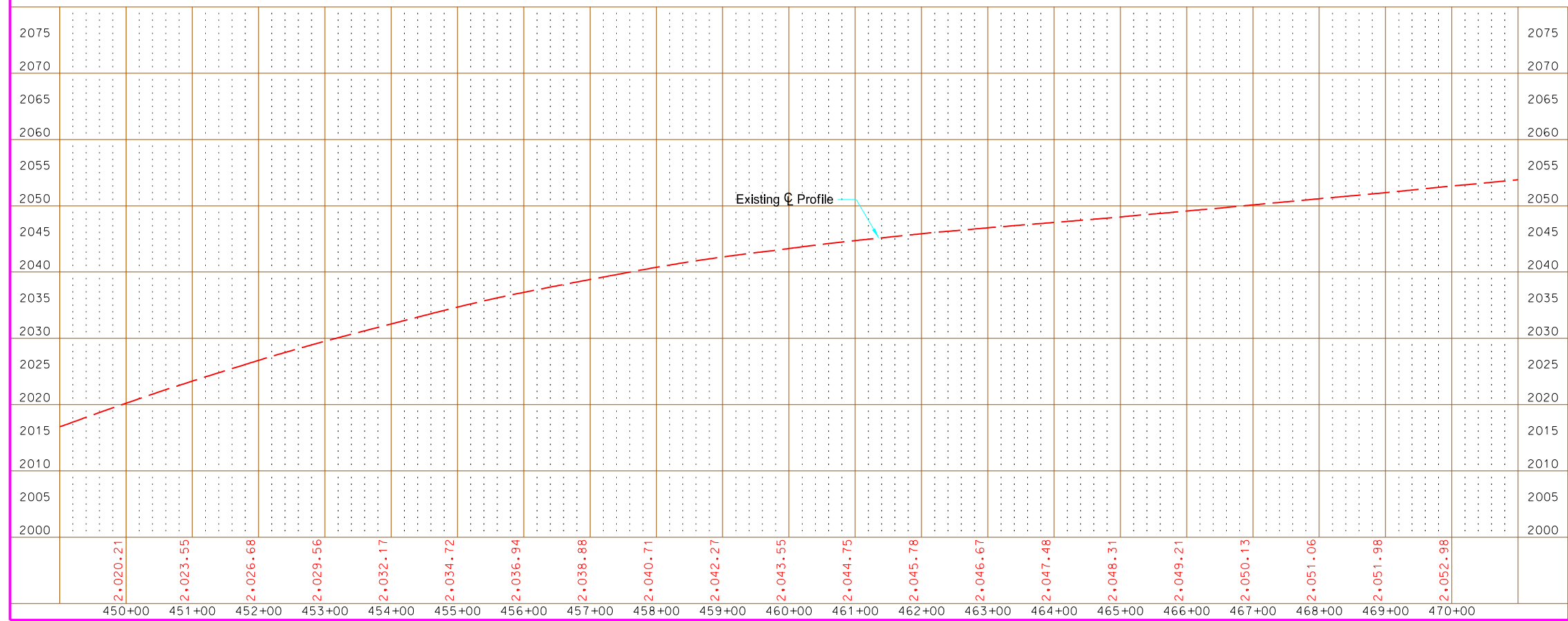
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	21



The North bound US 2 Vertical clearance for the OH line Xing near 1580+75 - 50' RT is 59.4'

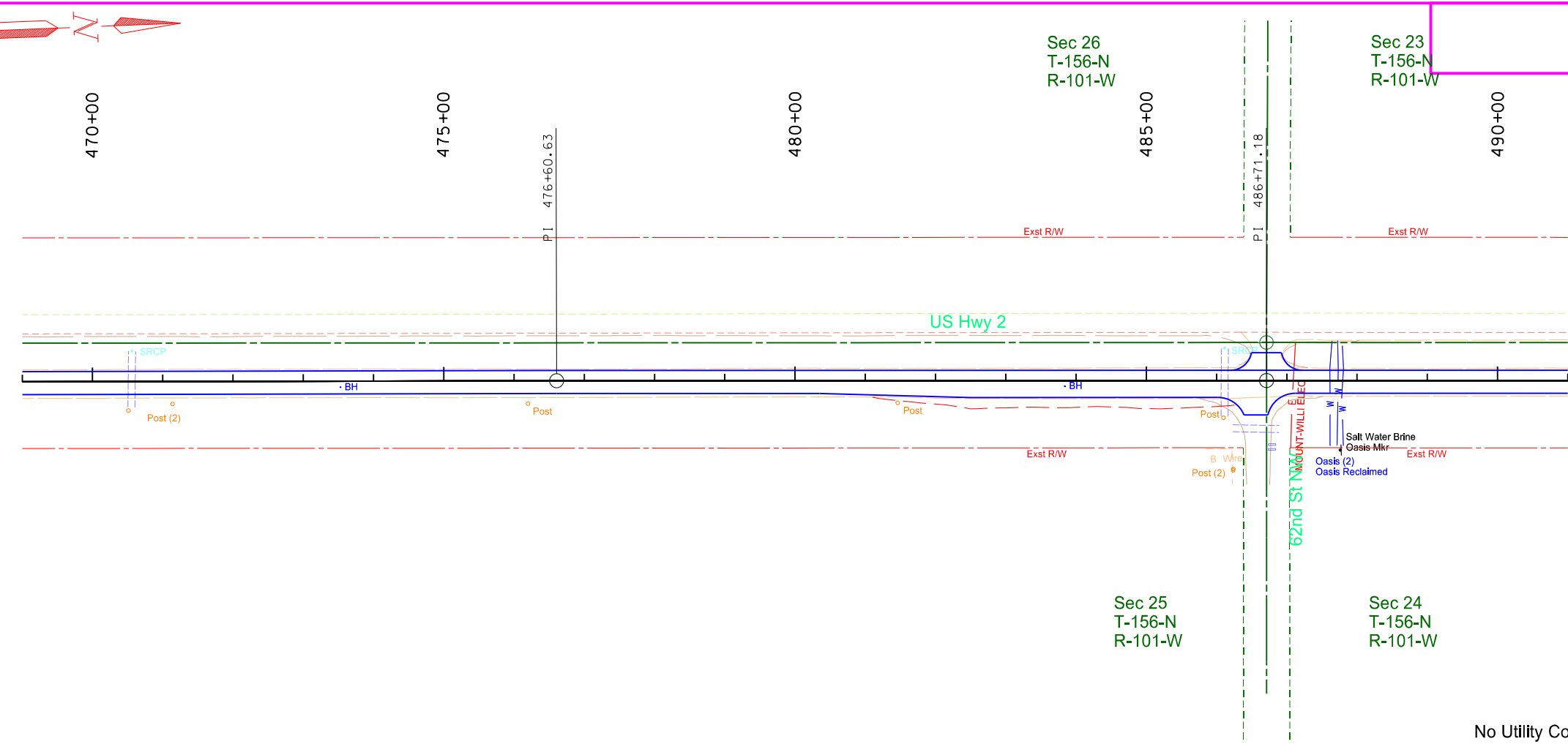
- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts



This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 450+00 to 470+00



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	22

Impacted Utilities - Legend

- Utility Conflict - Not Reimbursable
- Utility Conflict - Reimbursable

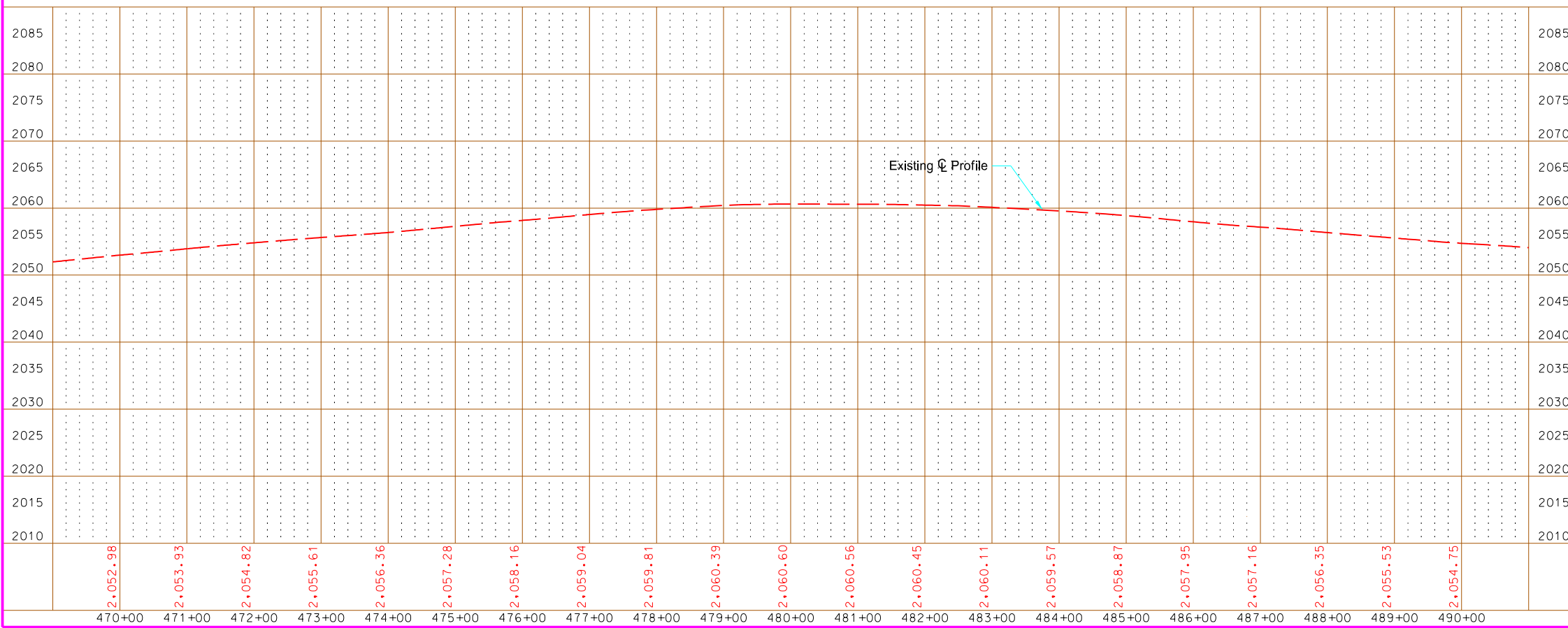
Text Color - Legend

- Conflict With Water & Fiber Optic
- Conflict With Fuel
- Conflict With Gas
- Conflict With Electrical
- Conflict With Overhead & Utility Pole
- Conflict With Telephone
- Conflict With Unknown

Construction - Legend

- Construction Limit (Fill)
- Construction Limit (Cut)
- Existing Right of Way Line
- Existing Right of Way (Not State Owned)
- Proposed Right of Way Line
- Existing Easement Line
- Temporary Easement Line
- Utility Easement Line

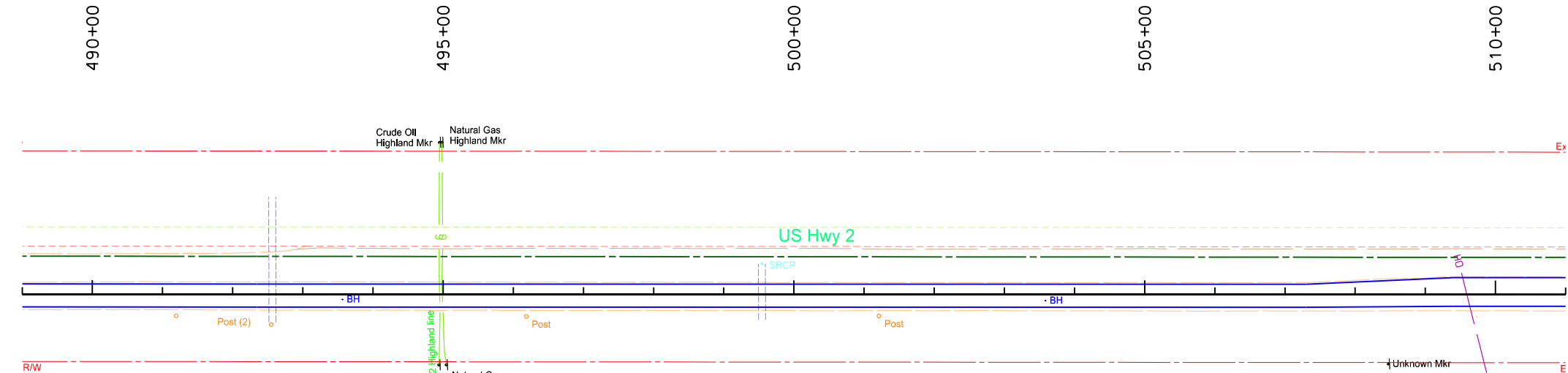
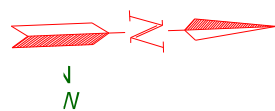
No Utility Conflicts



PRELIMINARY

This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 470+00 to 490+00



The North bound US 2 Vertical clearance for the OH line Xing near 1629+70 - 42' RT is 26.4'

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	23

Impacted Utilities - Legend

- Utility Conflict - Not Reimbursable
- Utility Conflict - Reimbursable

Text Color - Legend

- Conflict With Water & Fiber Optic
- Conflict With Fuel
- Conflict With Gas
- Conflict With Electrical
- Conflict With Overhead & Utility Pole
- Conflict With Telephone
- Conflict With Unknown

Construction - Legend

- Construction Limit (Fill)
- Construction Limit (Cut)
- Existing Right of Way Line
- Existing Right of Way (Not State Owned)
- Proposed Right of Way Line
- Existing Easement Line
- Temporary Easement Line
- Utility Easement Line

No Utility Conflicts

2085																					2085		
2080																					2080		
2075																					2075		
2070																					2070		
2065																					2065		
2060																					2060		
2055																					2055		
2050																					2050		
2045																					2045		
2040																					2040		
2035																					2035		
2030																					2030		
2025																					2025		
2020																					2020		
2015																					2015		
2010																					2010		
		2.054.75	2.054.10	2.053.38	2.052.89	2.052.52	2.052.14	2.051.81	2.051.56	2.051.45	2.051.27	2.051.01	2.050.75	2.050.51	2.050.30	2.050.07	2.049.86	2.049.57	2.049.18	2.048.46	2.047.47	2.046.32	
		490+00	491+00	492+00	493+00	494+00	495+00	496+00	497+00	498+00	499+00	500+00	501+00	502+00	503+00	504+00	505+00	506+00	507+00	508+00	509+00	510+00	

Existing C Profile

PRELIMINARY

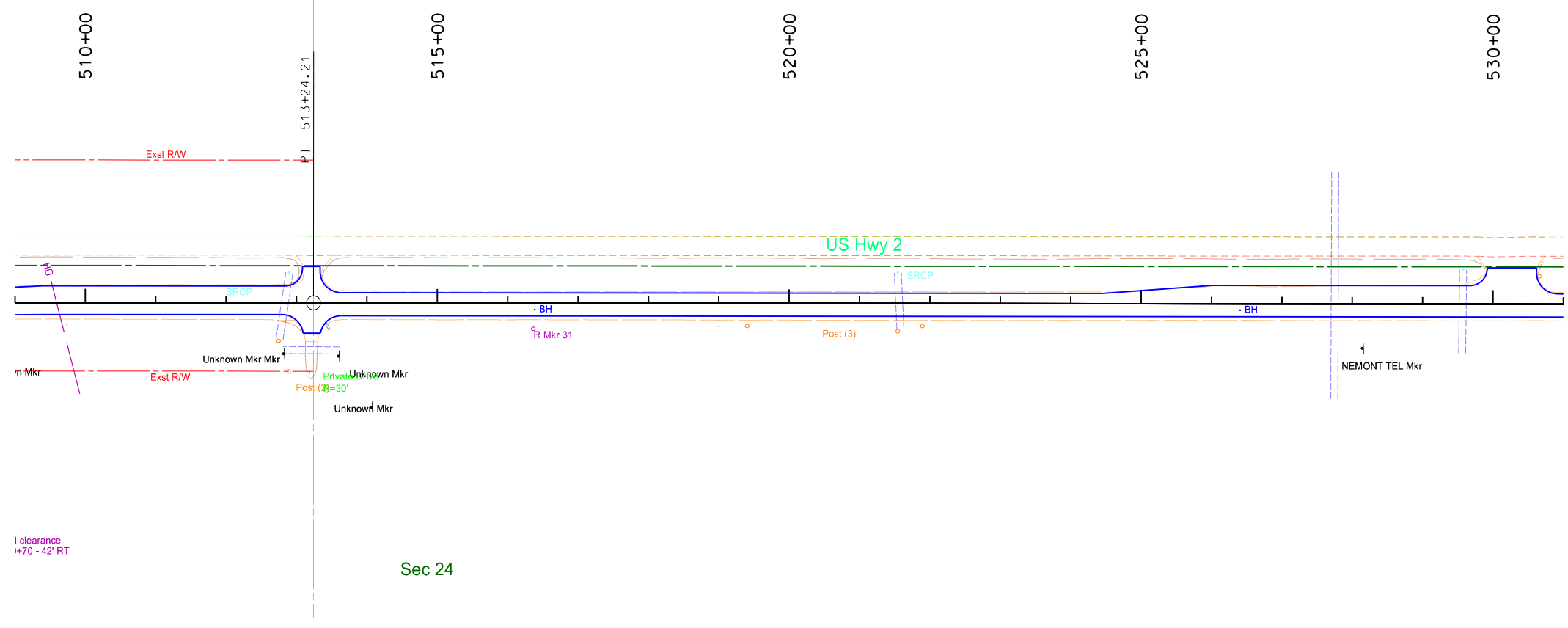
This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 490+00 to 510+00



Sec 23

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	24

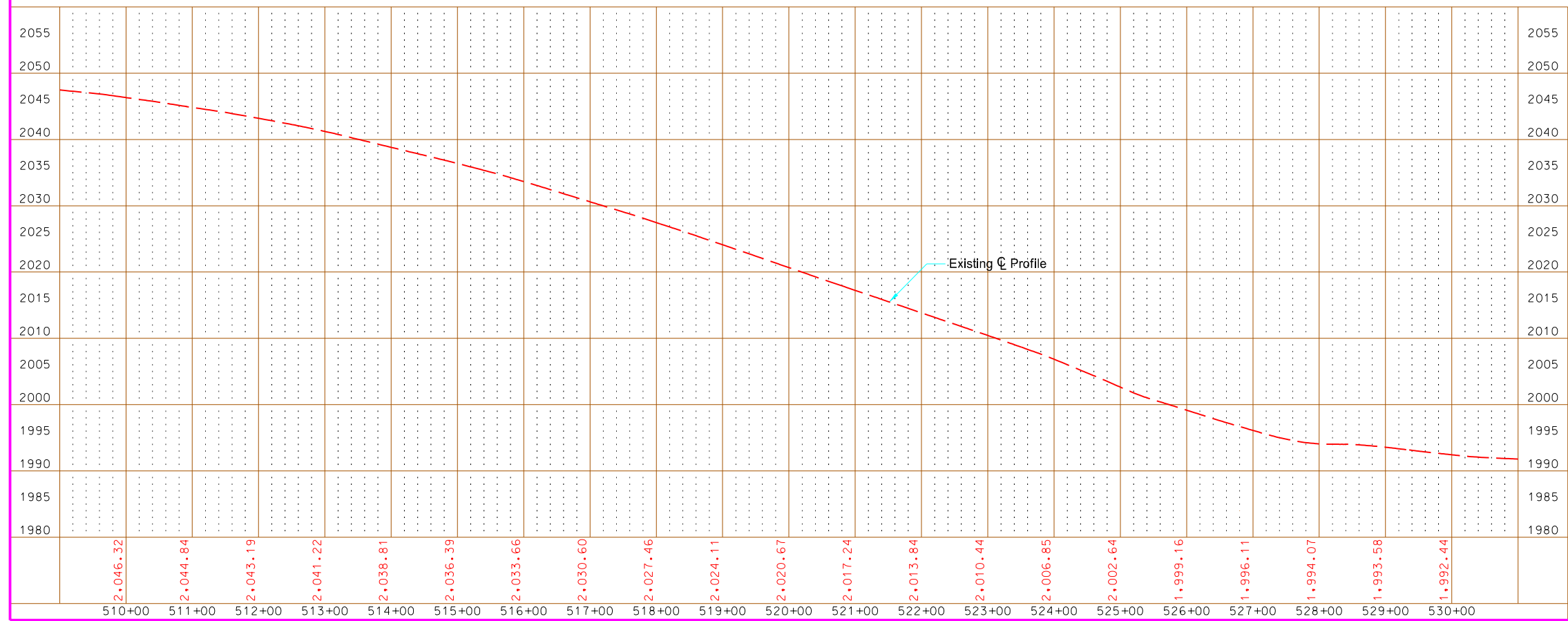


1' clearance
H-70 - 42' RT

Sec 24

- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts



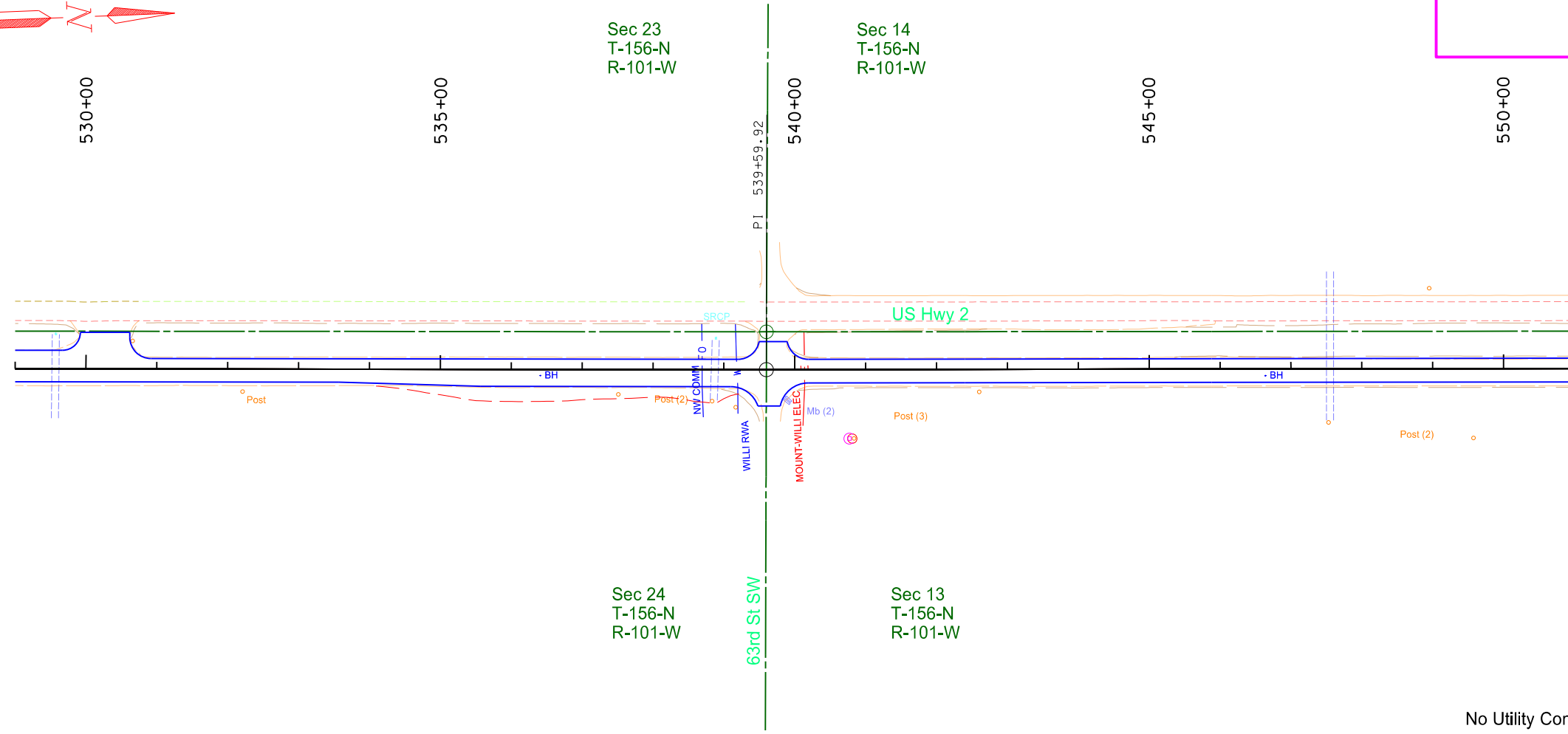
This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

Plan & Profile
US 2
Sta 510+00 to 530+00

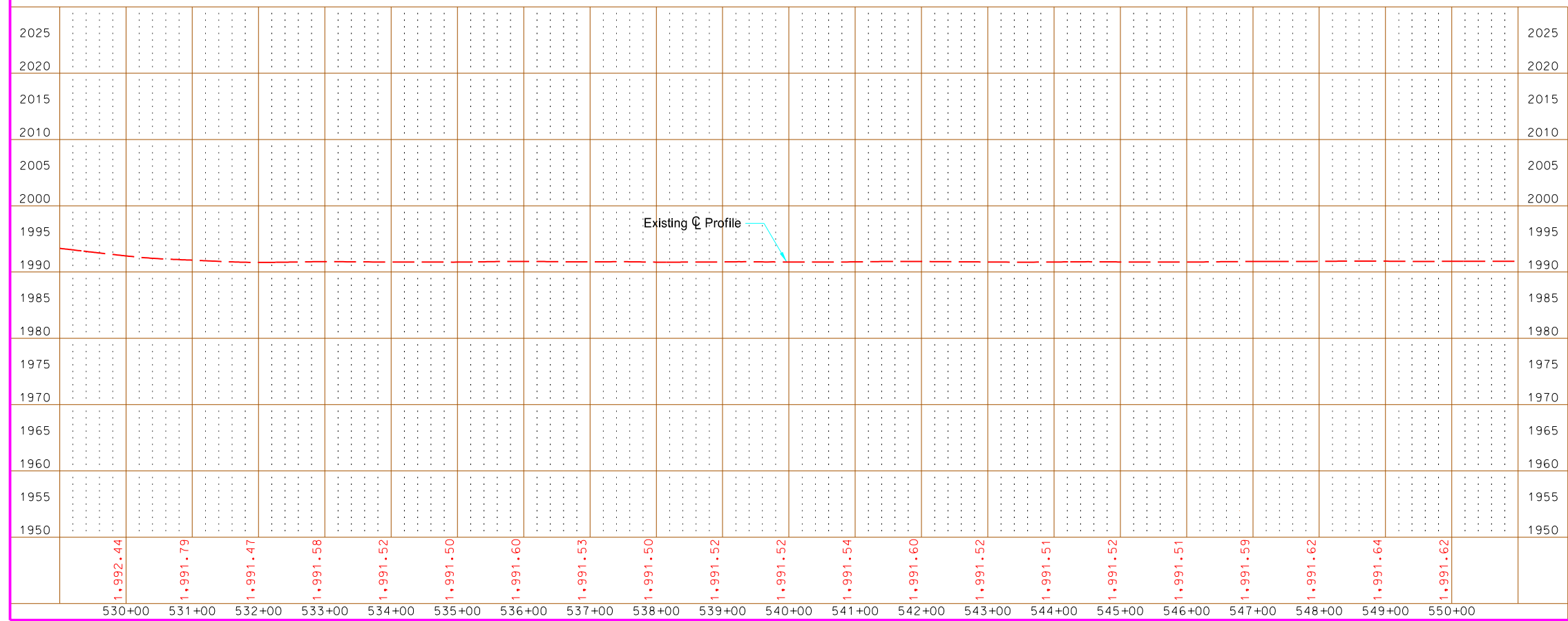


STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	25



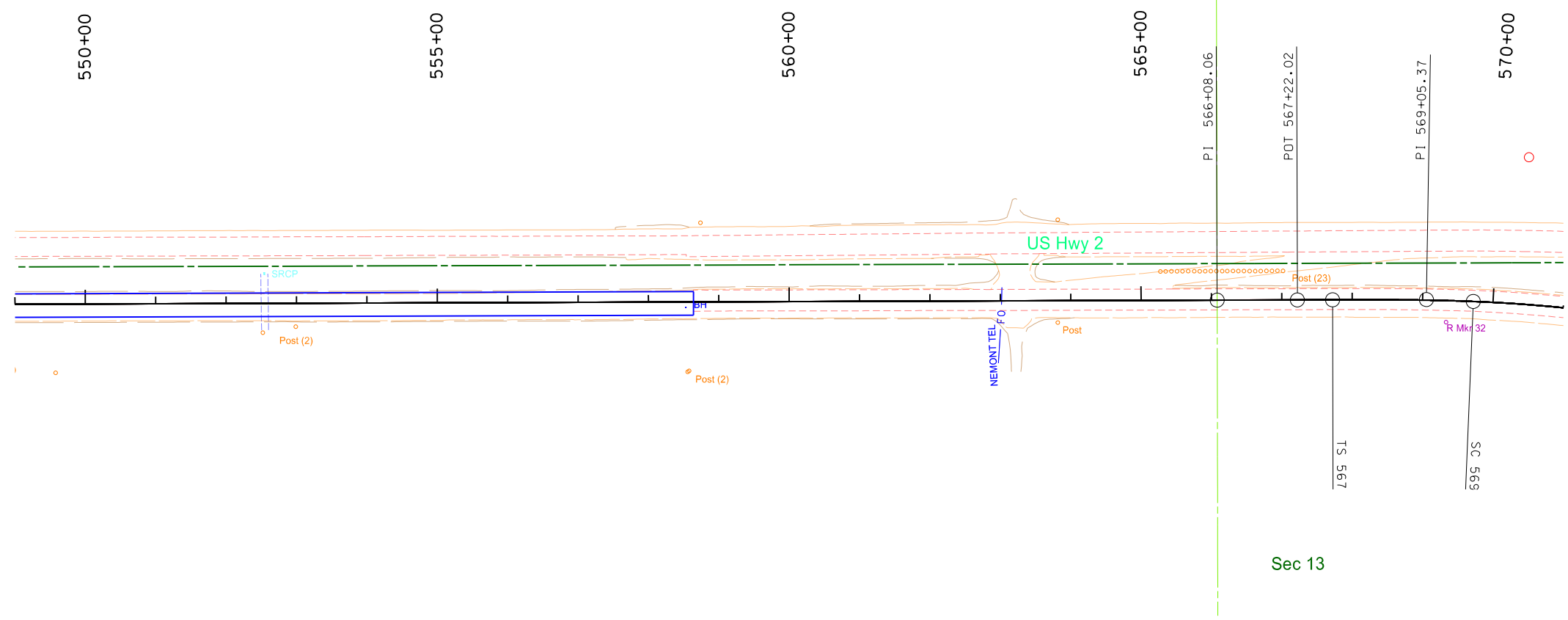
- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts



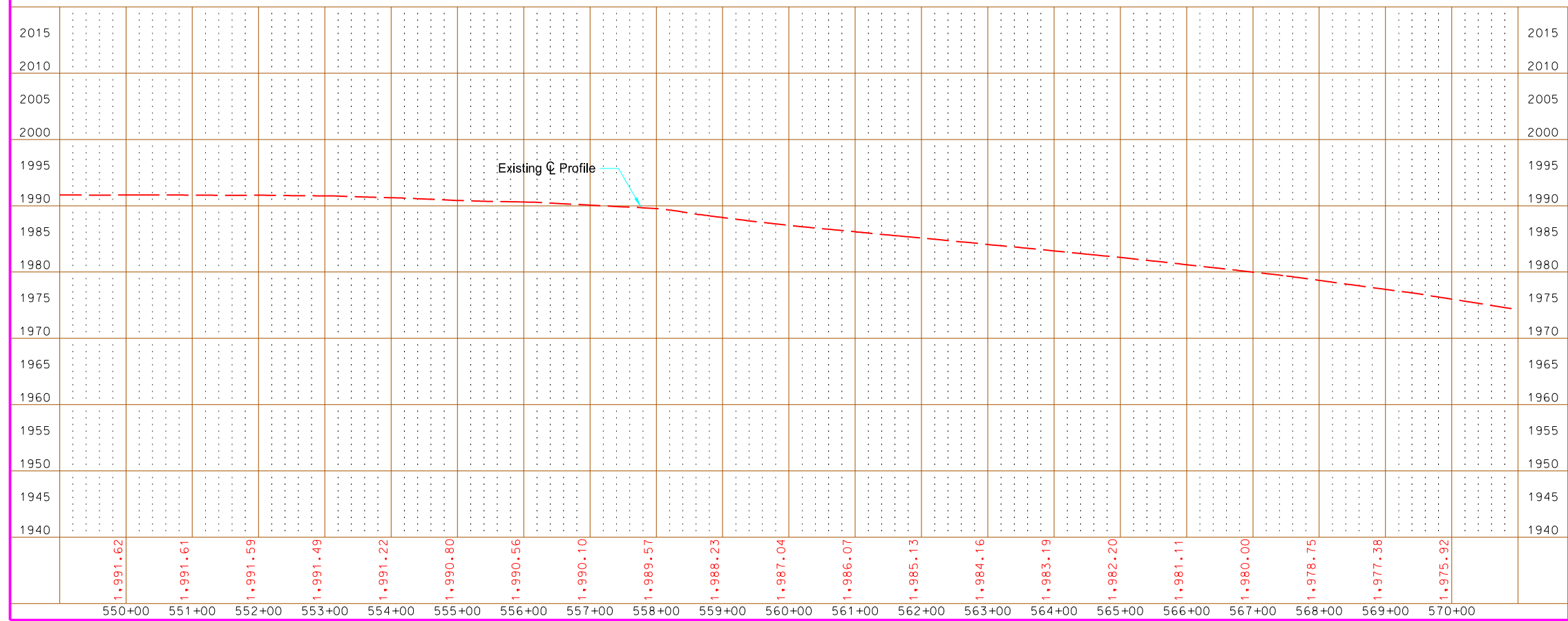
This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 530+00 to 550+00



- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts



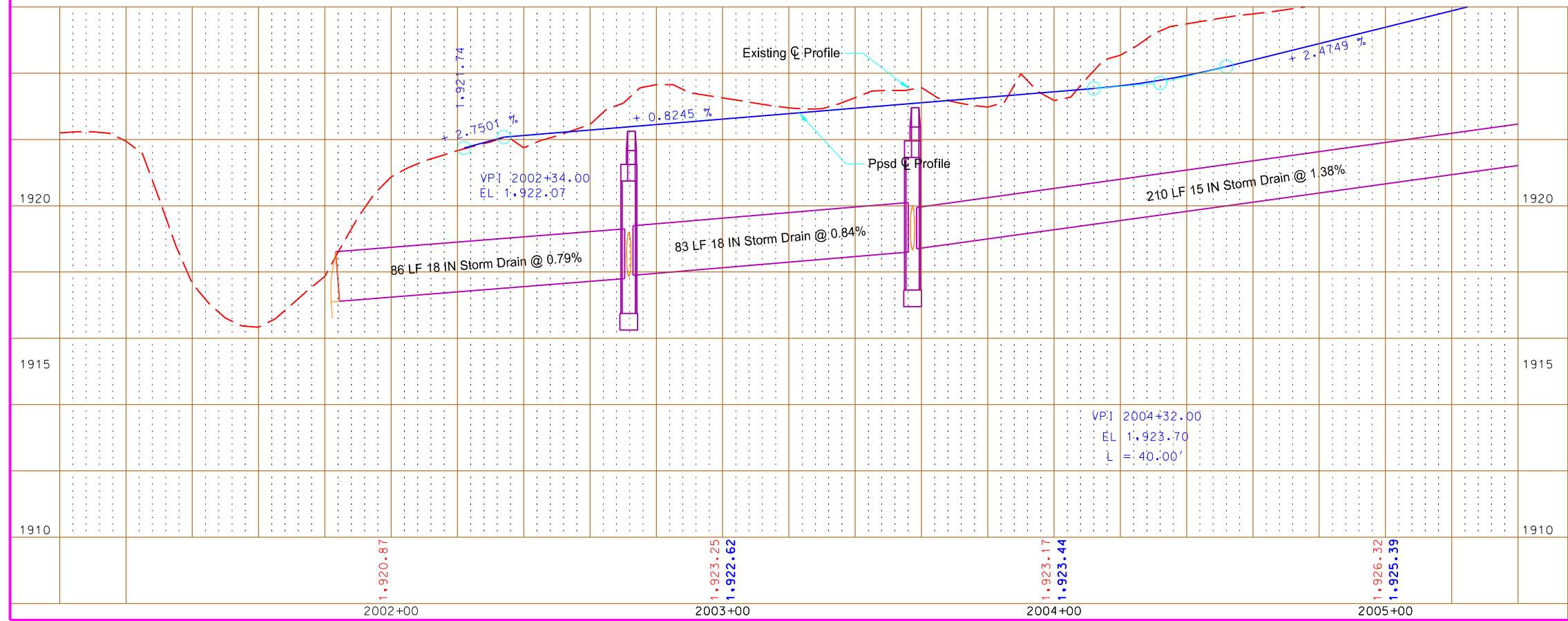
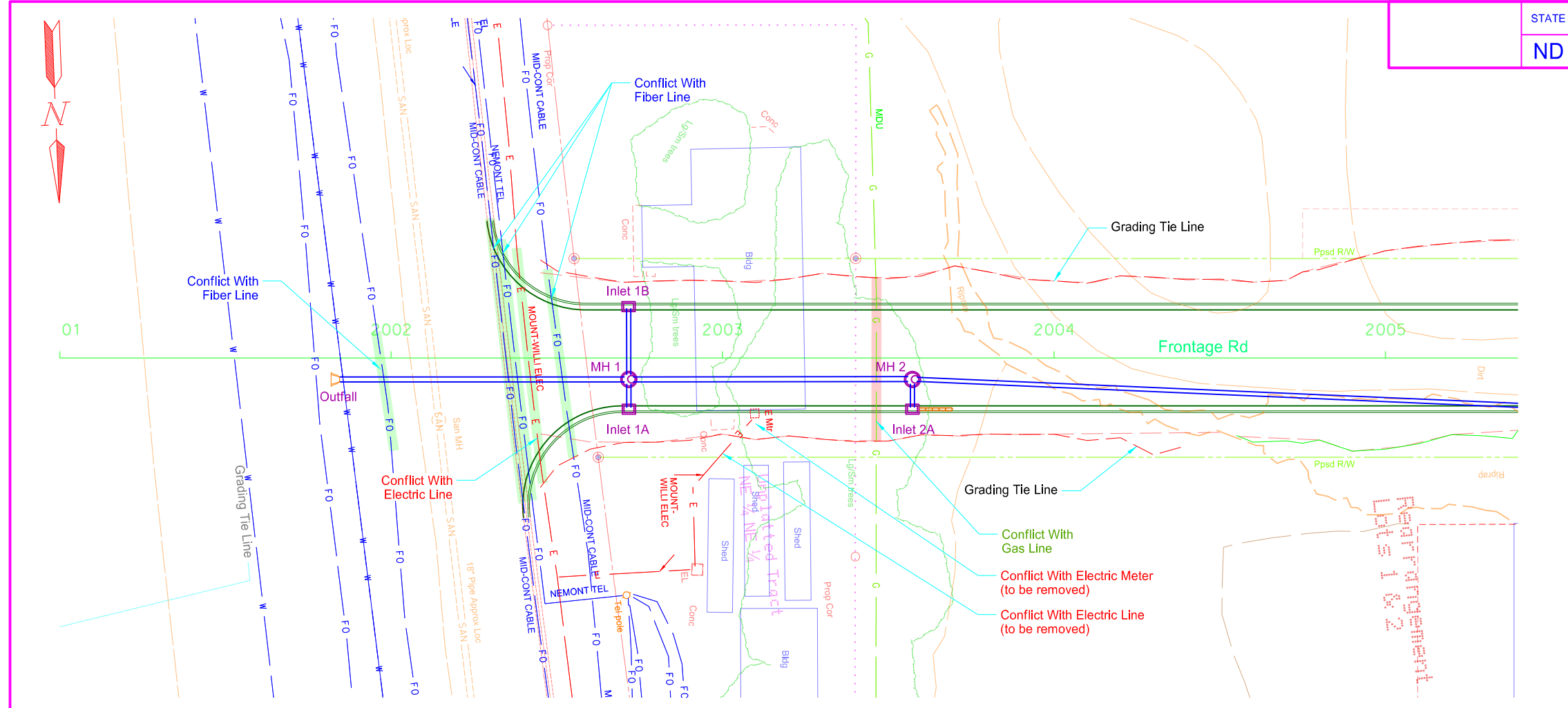
PRELIMINARY

This document is preliminary and not for construction or implementation purposes.

Plan & Profile
US 2
Sta 550+00 to 570+00

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	27

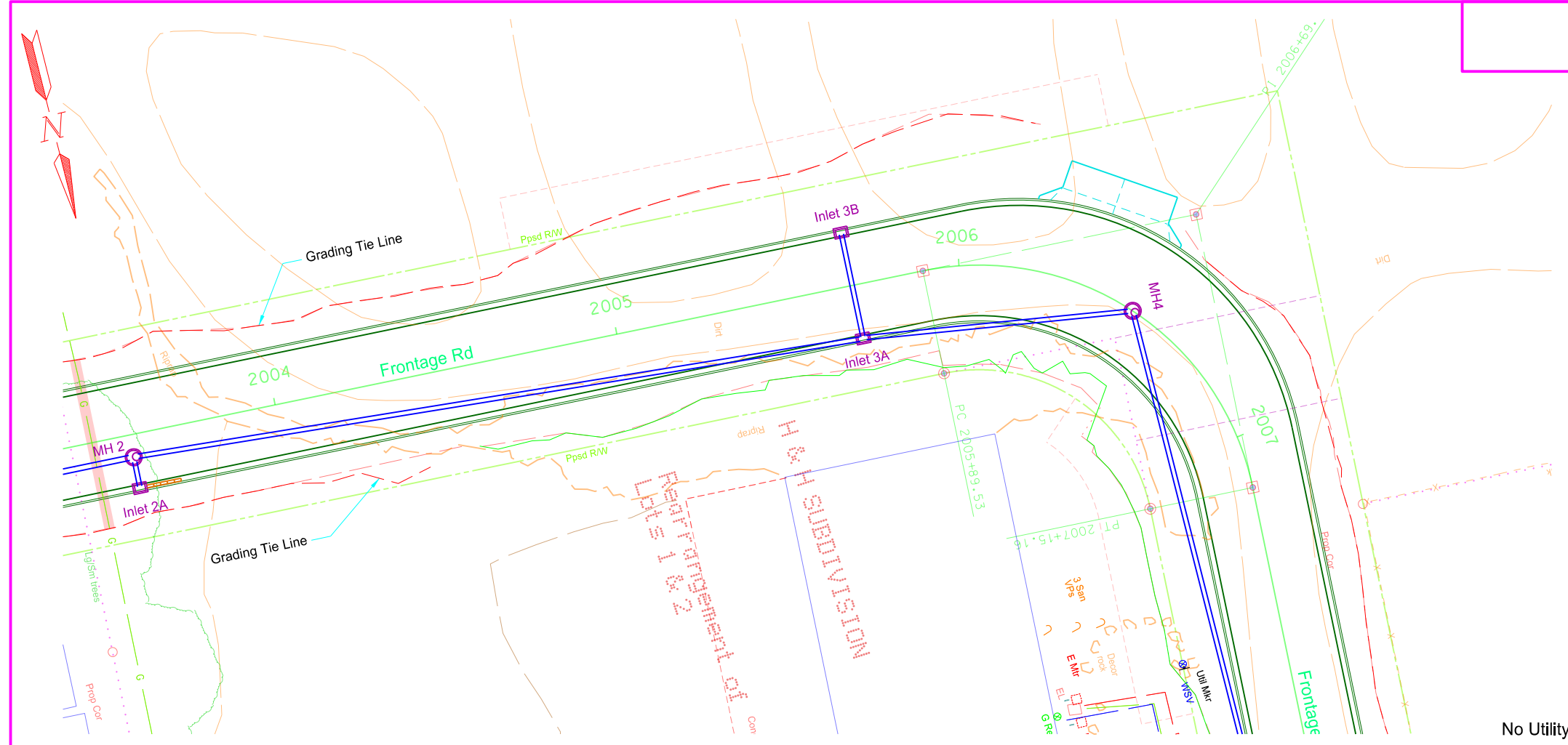
- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
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 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line



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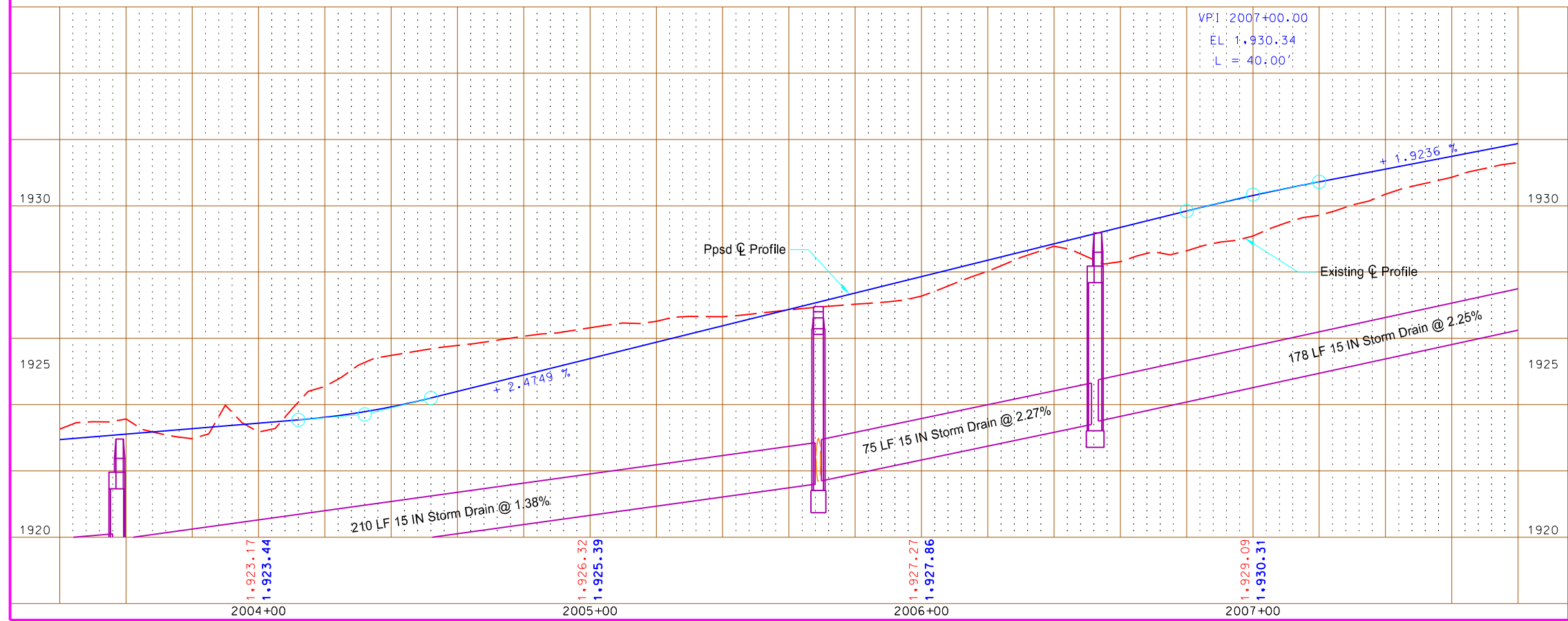
Plan & Profile
Frontage Road
Sta 2002+00 to 2005+00

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	28



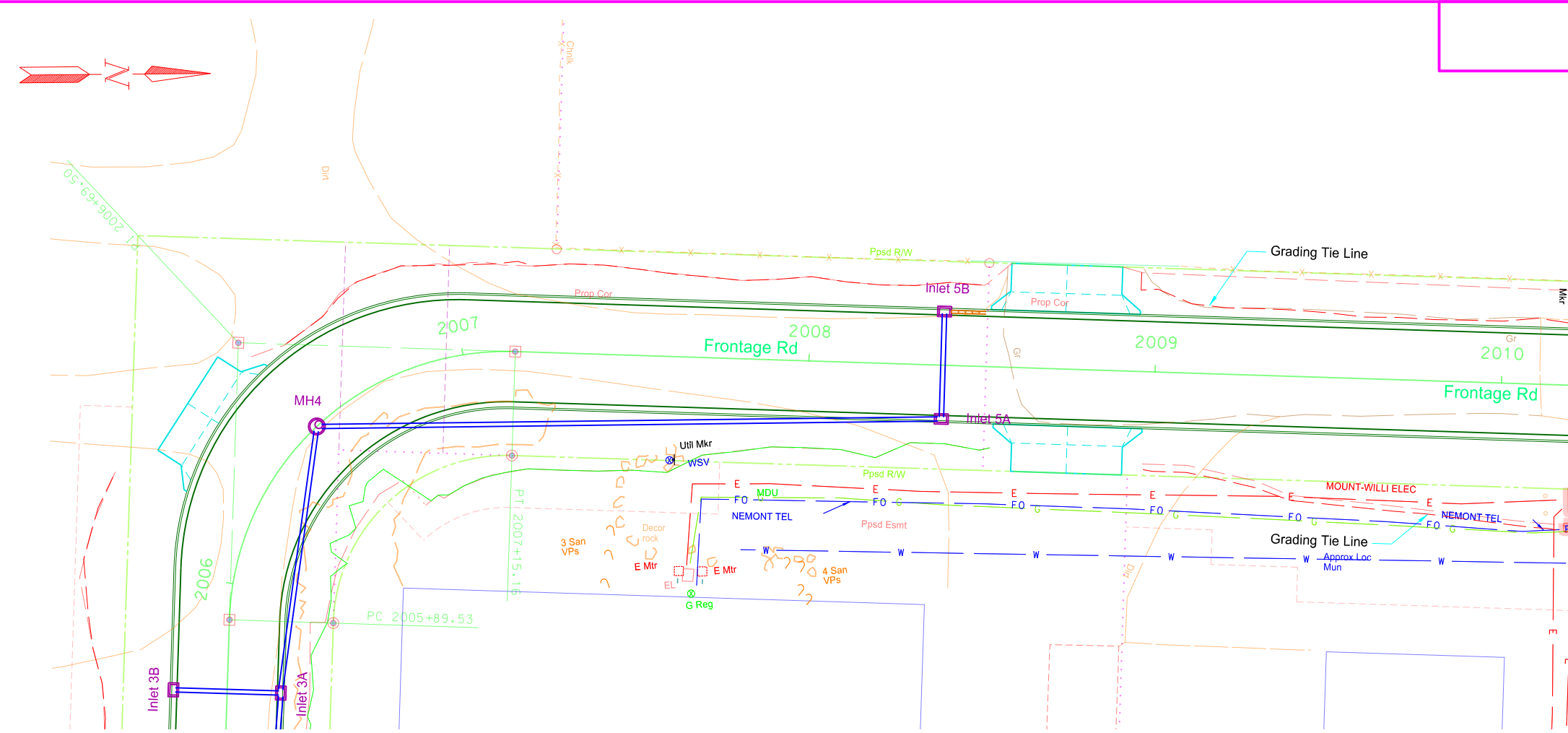
- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts

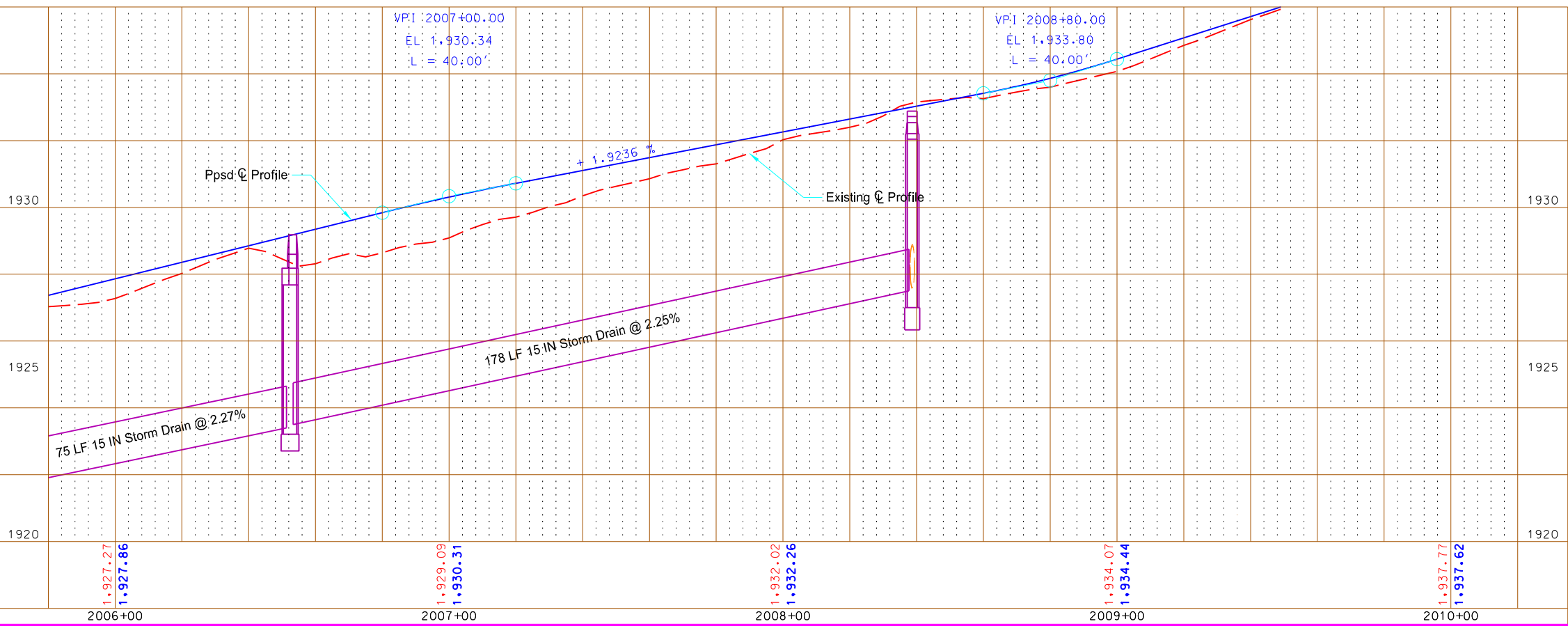


This document is preliminary and not for construction or implementation purposes.

Plan & Profile
Frontage Road
Sta 2005+00 to 2007+00



- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line



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Plan & Profile
Frontage Road
Sta 2007+00 to 2010+00



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	30

Impacted Utilities - Legend

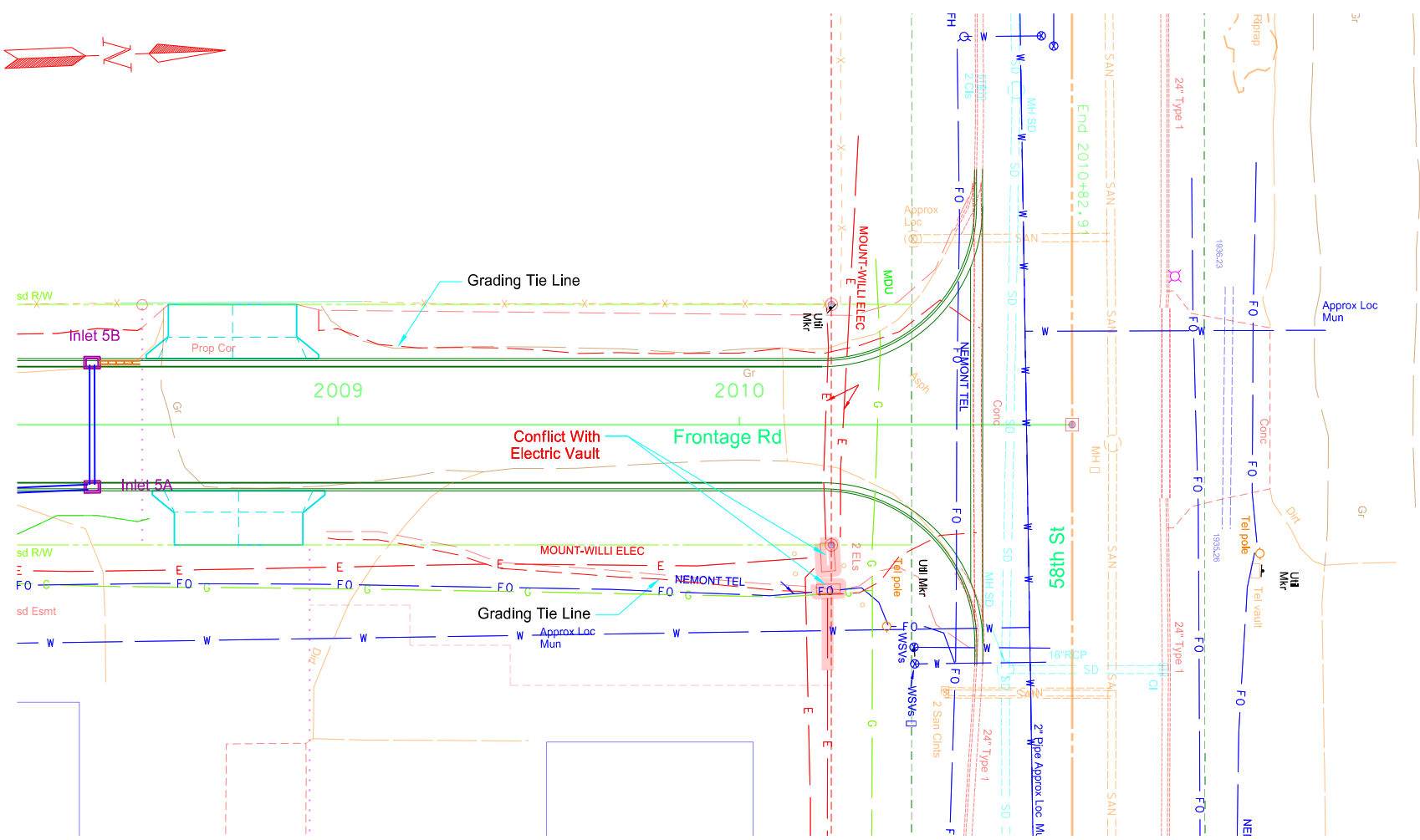
- Utility Conflict - Not Reimbursable
- Utility Conflict - Reimbursable

Text Color - Legend

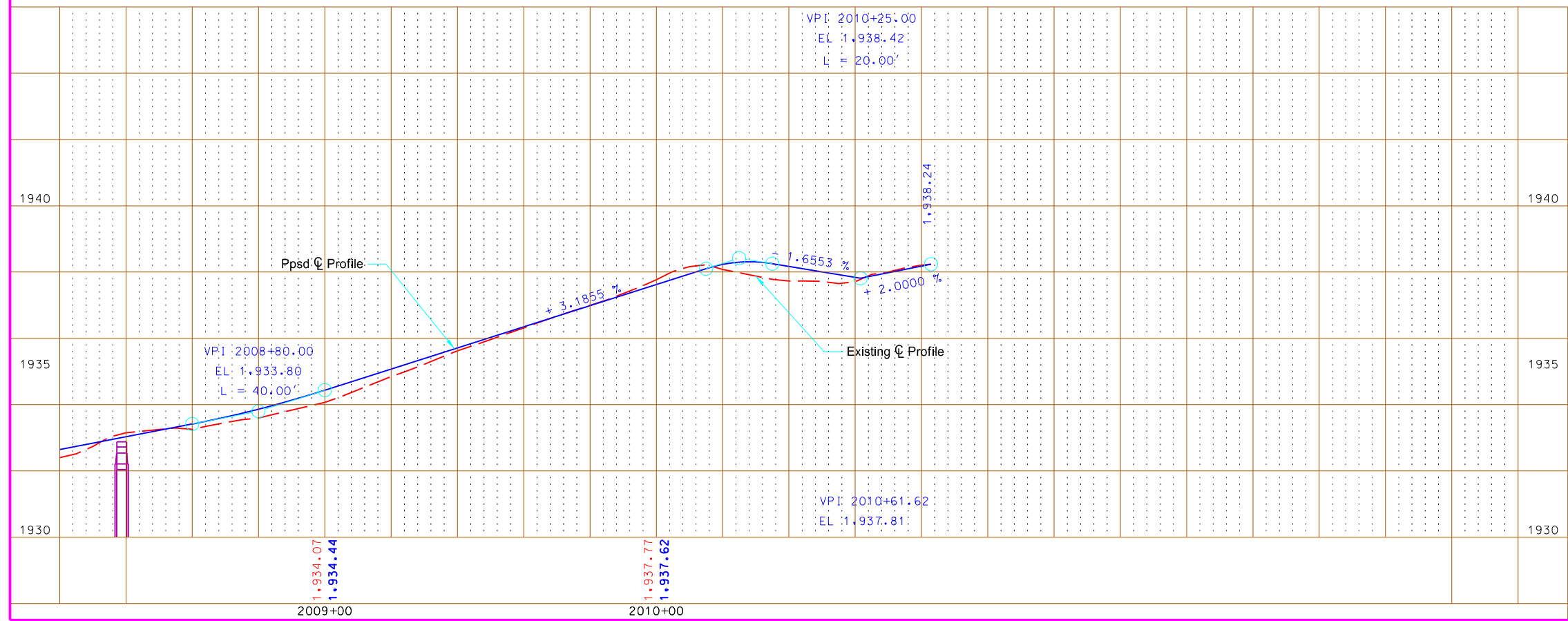
- Conflict With Water & Fiber Optic
- Conflict With Fuel
- Conflict With Gas
- Conflict With Electrical
- Conflict With Overhead & Utility Pole
- Conflict With Telephone
- Conflict With Unknown

Construction - Legend

- Construction Limit (Fill)
- Construction Limit (Cut)
- Existing Right of Way Line
- Existing Right of Way (Not State Owned)
- Proposed Right of Way Line
- Existing Easement Line
- Temporary Easement Line
- Utility Easement Line

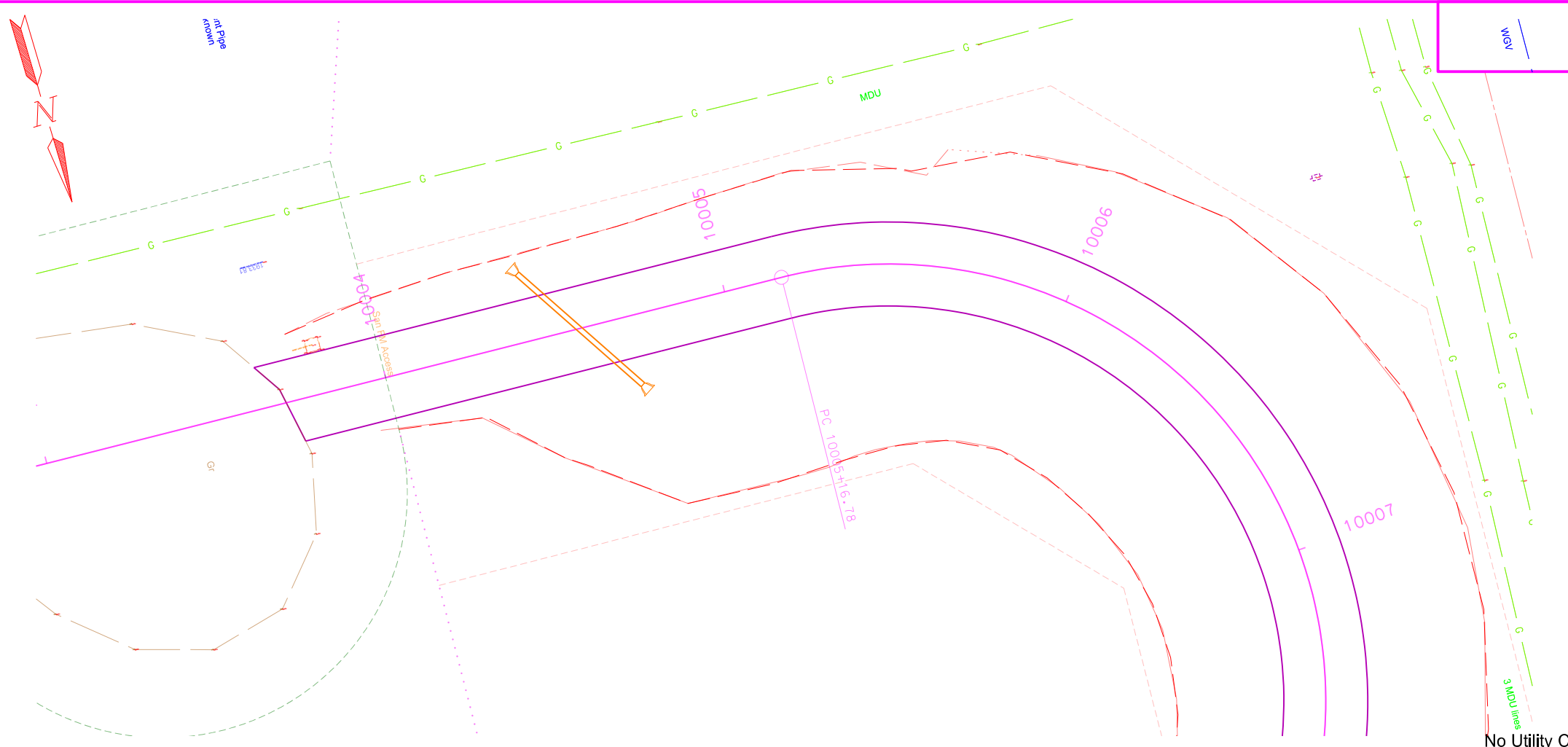


Sec 35
T-155-N
R-101-W



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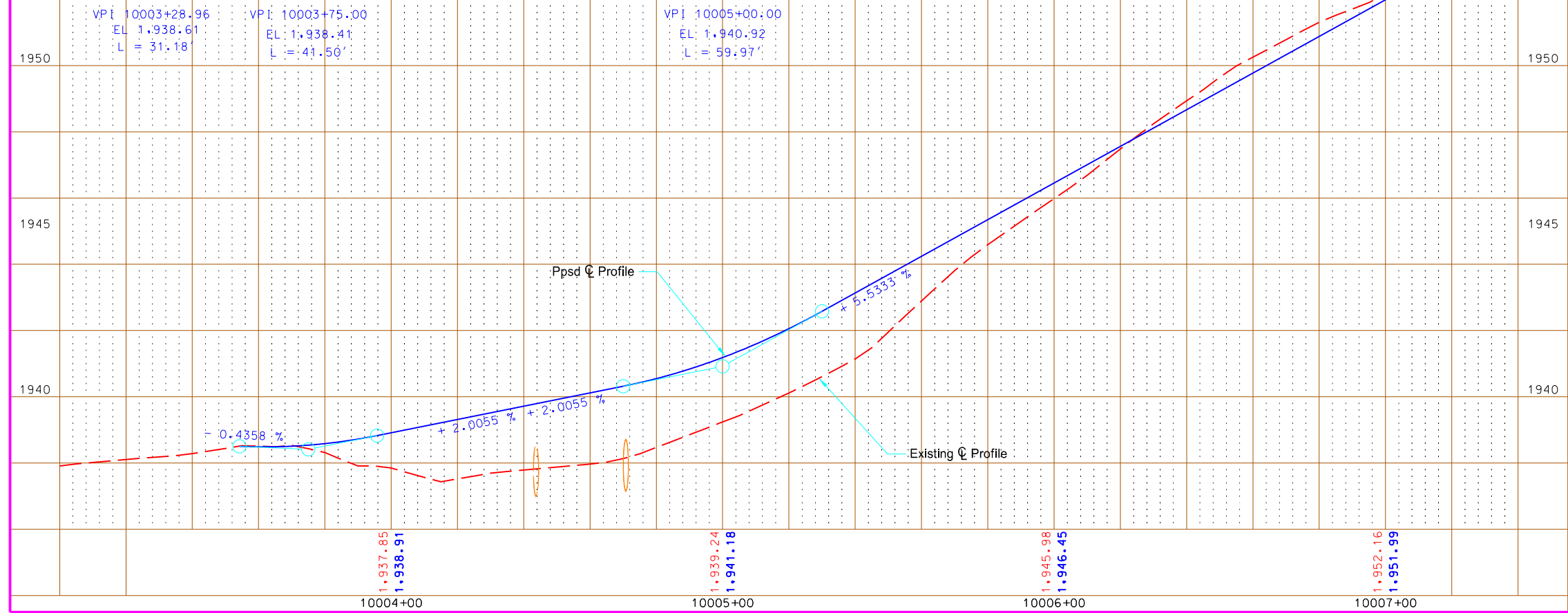
Plan & Profile
Frontage Road
Sta 2009+00 to 2010+82.91



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	31

- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts

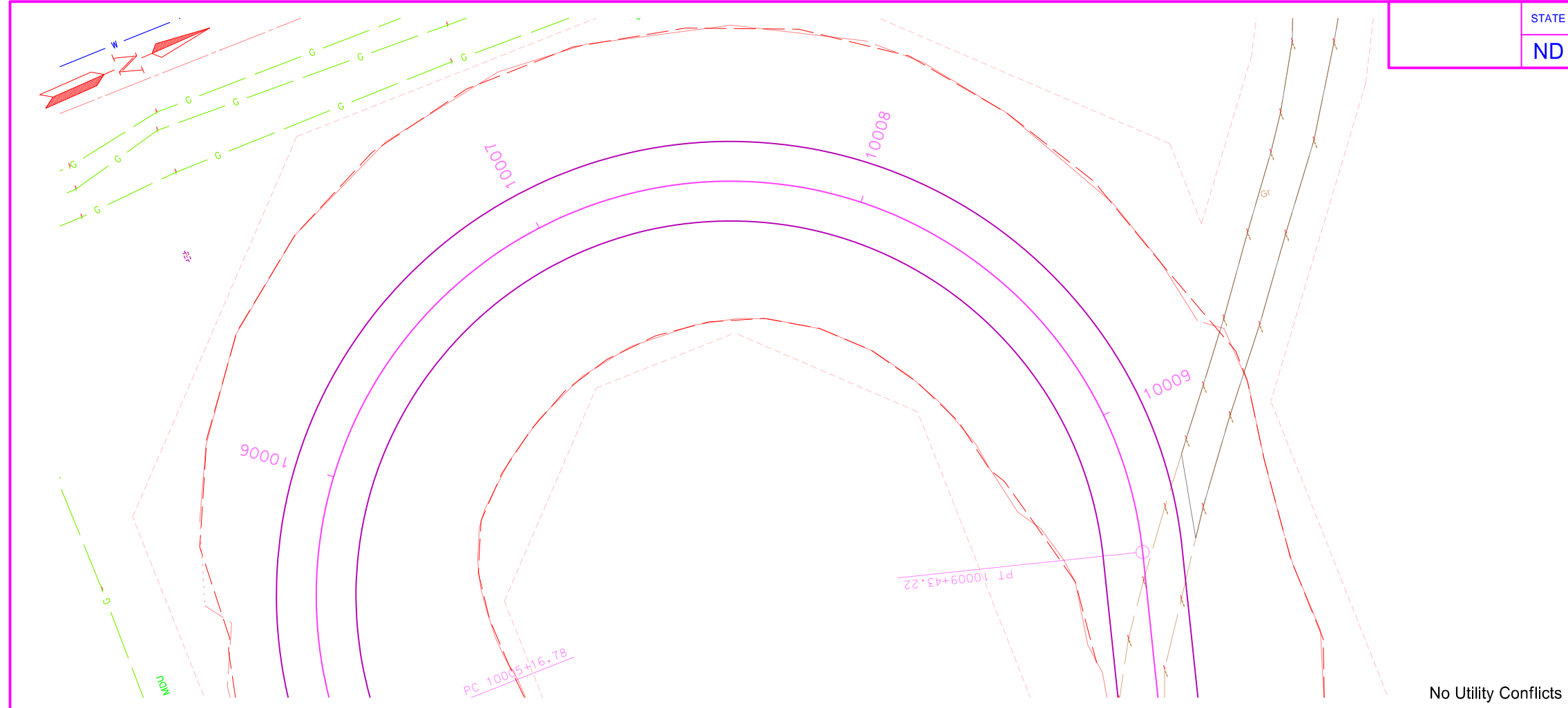


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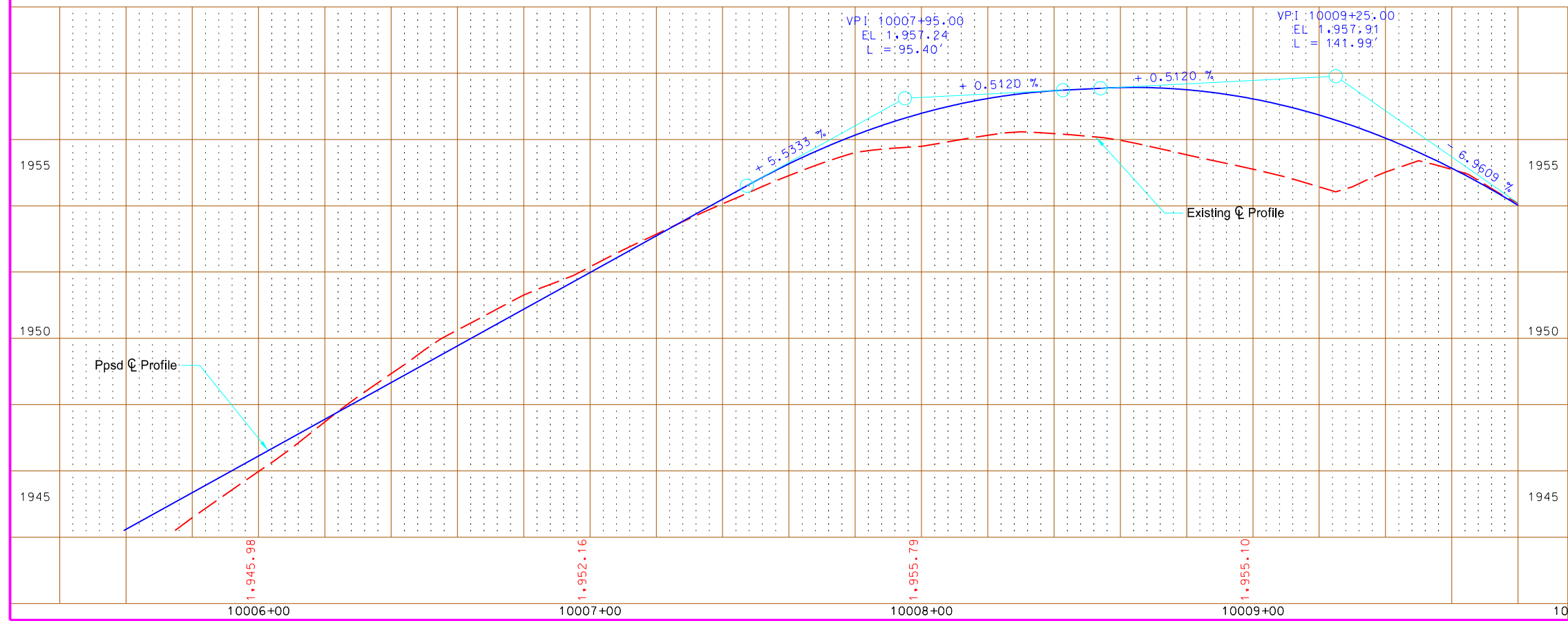
Plan & Profile
Oil Access
Sta 10004+00 to 10007+00

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	60	32

- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line



No Utility Conflicts



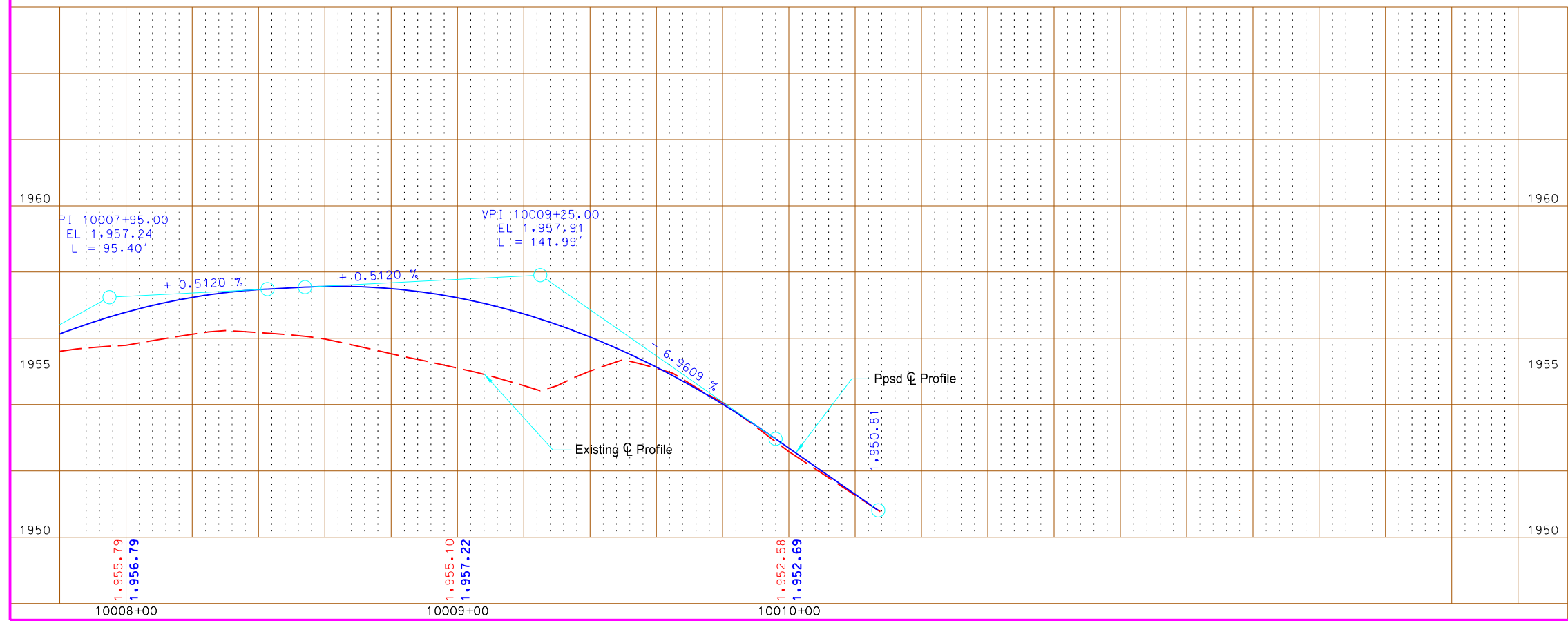
This document is preliminary and not for construction or implementation purposes.

Plan & Profile
Oil Access
Sta 10006+00 to 10009+00



- Impacted Utilities - Legend**
- Utility Conflict - Not Reimbursable
 - Utility Conflict - Reimbursable
- Text Color - Legend**
- Conflict With Water & Fiber Optic
 - Conflict With Fuel
 - Conflict With Gas
 - Conflict With Electrical
 - Conflict With Overhead & Utility Pole
 - Conflict With Telephone
 - Conflict With Unknown
- Construction - Legend**
- Construction Limit (Fill)
 - Construction Limit (Cut)
 - Existing Right of Way Line
 - Existing Right of Way (Not State Owned)
 - Proposed Right of Way Line
 - Existing Easement Line
 - Temporary Easement Line
 - Utility Easement Line

No Utility Conflicts



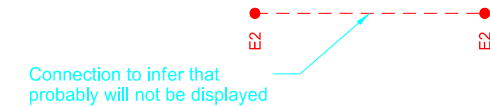
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implementation
purposes.

Plan & Profile
Oil Access
Sta 10008+00 to 10010+00

Utility locations shown on the cross sections and other sheets are approximate!
They might not accurately represent the type and location of the utility.

Description	Longitudinal Parallel to Roadway	Transverse Perpendicular to Roadway*	Description	Longitudinal Parallel to Roadway	Transverse Perpendicular to Roadway*
Cable Line	CBL1	CBL2	Overhead Power Transmission Line	OHT1	OHT2
Conduit Line	CDU1	CDU2	Overhead Line	OH1	OH2
Electric Line	E1	E2	Overhead Power Line	OHP1	
Fiber Optic Line	F1	F2	Light Standard		
Gas Main Line	GM1	GM2	Utility Pole		
Gas Service Line	GS1	GS2			
Gas Transmission Line	GT1	GT2			
Fuel Pipeline	PL1	PL2			
Sanitary Sewer Force Main	SSF1	SSF2			
Sanitary Sewer	SS1	SS2			
Steam Line	STE1	STE2			
Storm Drain (Assumed Depth)	SD1	SD2			
Telephone Line	T1	T2			
TV Line	TV1	TV2			
Water Main Line	WM1	WM2			
Water Service Line	WS1	WS2			

* Usually the transverse utilities are shown on a cross section with 2 or more symbols. The utility runs from one symbol to the other, but the connection may not be shown.



Description	Symbol
Pedestal	[Red square symbol]
Fire Hydrant	[Blue circle with cross symbol]
Valve	[Green circle with cross symbol]
Slotted Drain	[Blue rectangle with vertical lines symbol]
Pull Box	[Circle with cross symbol]
Manhole	[Blue U-shaped symbol]
Line Style Legend	
Existing Ground	[Blue solid line]
Void	[Pink dashed line]

On the right side of most cross sections there is an earthwork table. The following example (values not related to project) details the earthwork table layout.

Cut Area	CA: 34.34 SF
Fill Area	FA: 0.017 SF
Cut Volume	CV: 64.44 CY
Fill Volume	FV: 0.031 CY
Mass Ordinate	MO: 65.13 CY

When storm drain invert elevations are NOT used to draw pipe, they will appear as shown to the left. When invert elevations are used to draw pipe, they will be a cross section similar to the graphics shown below.

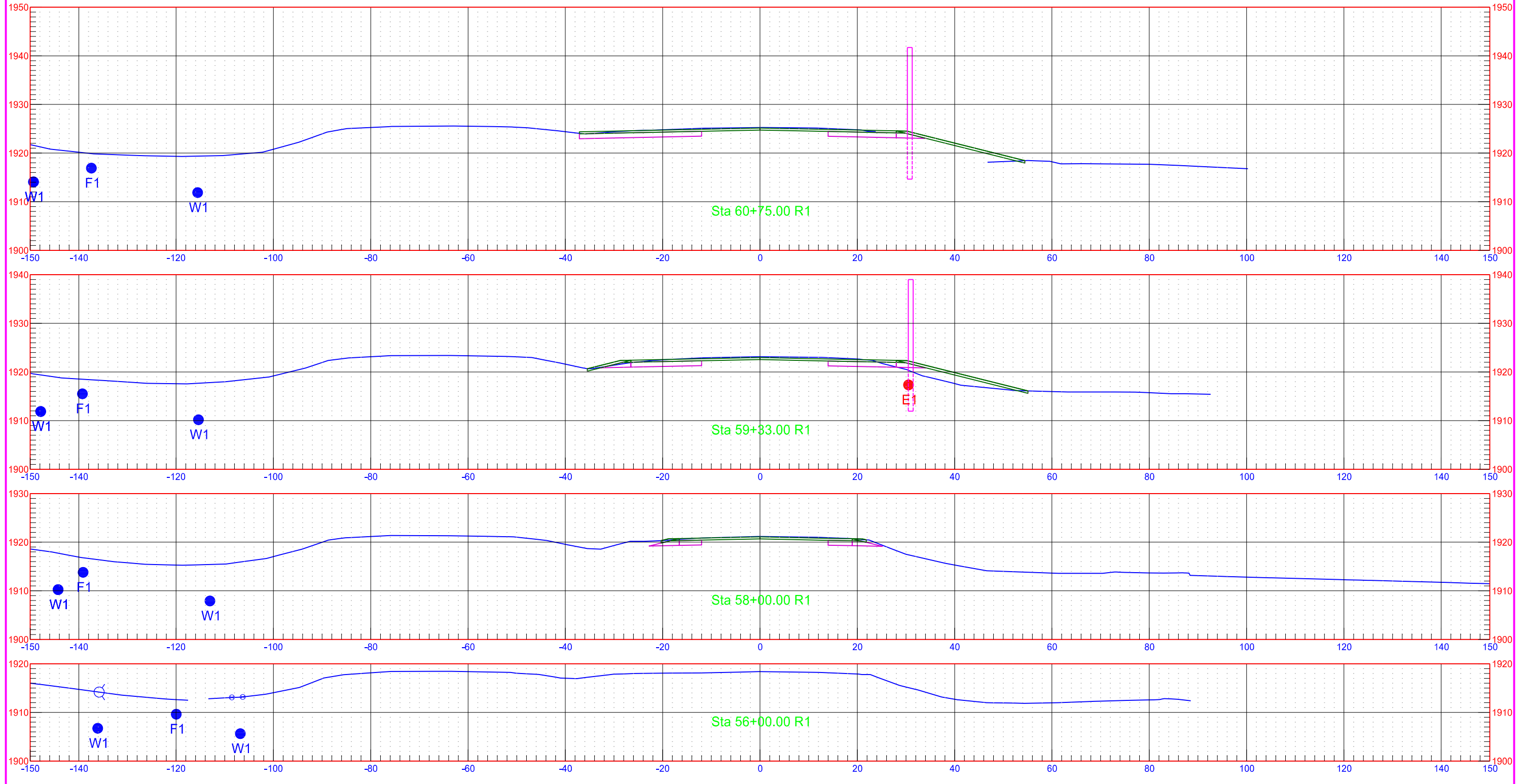


Utility Cross Section Legend

US 2

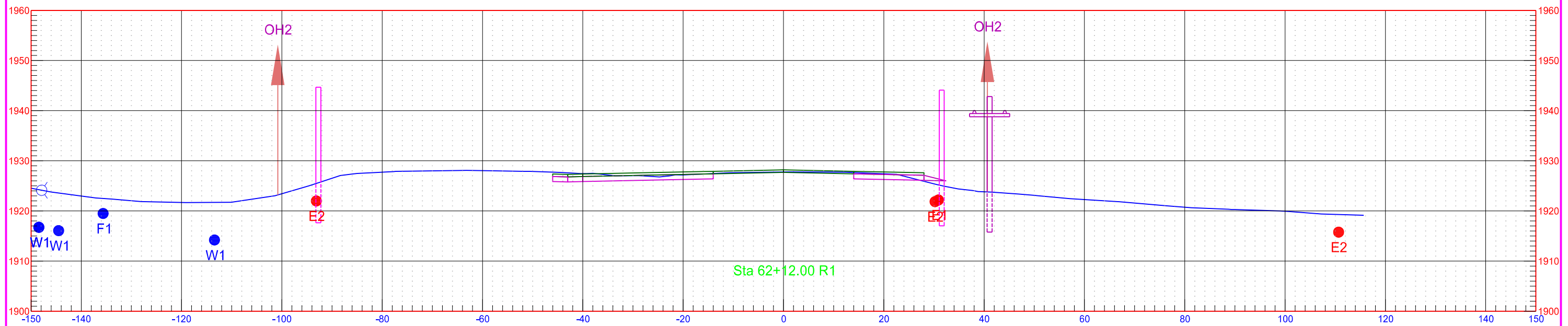
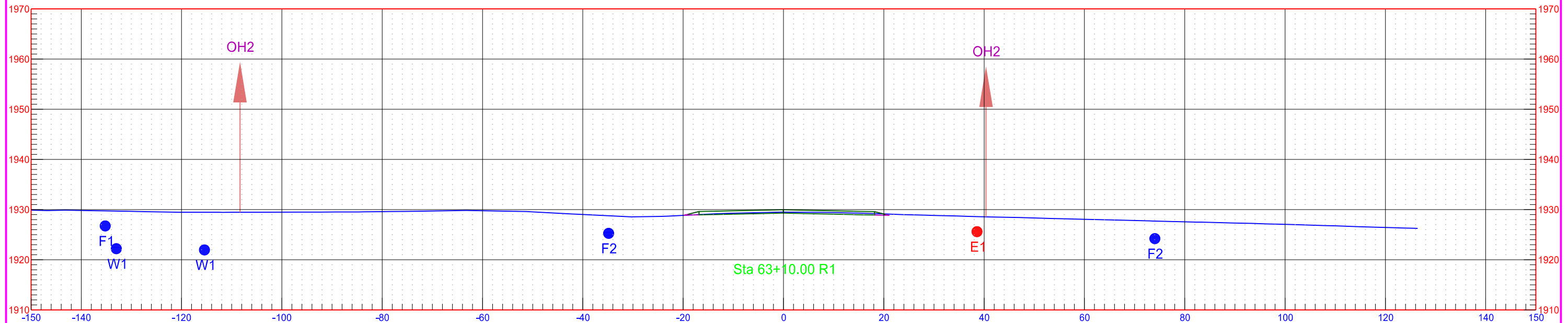
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	1



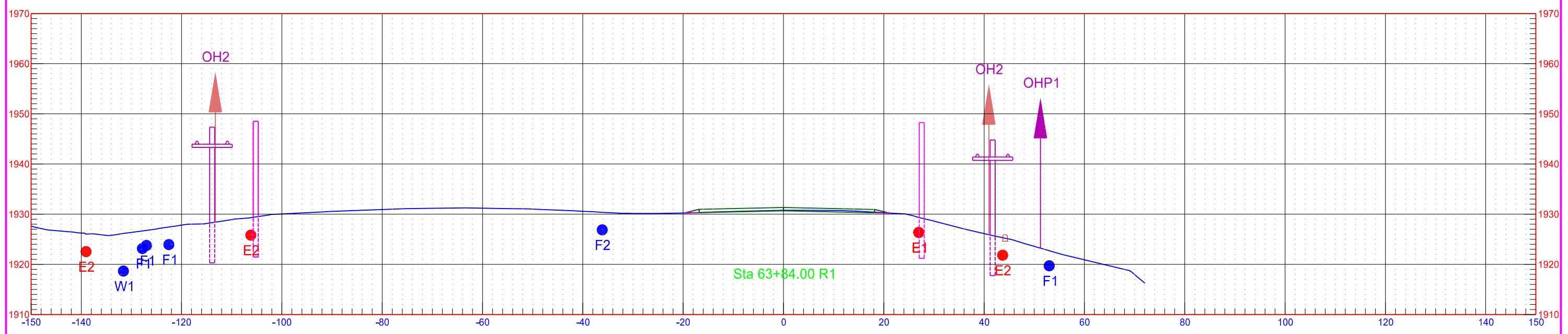
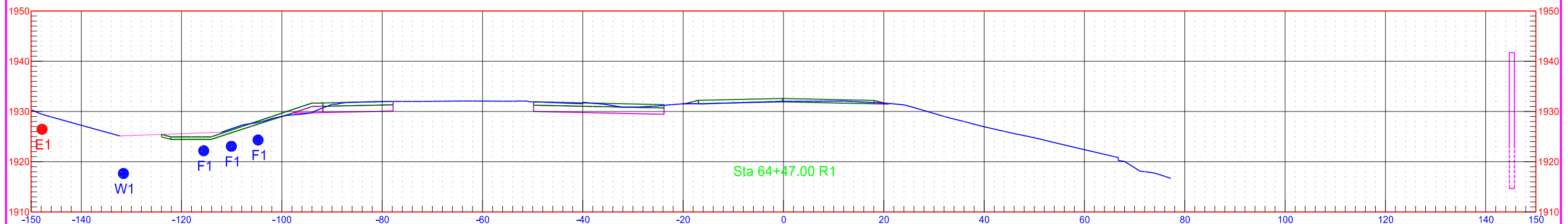
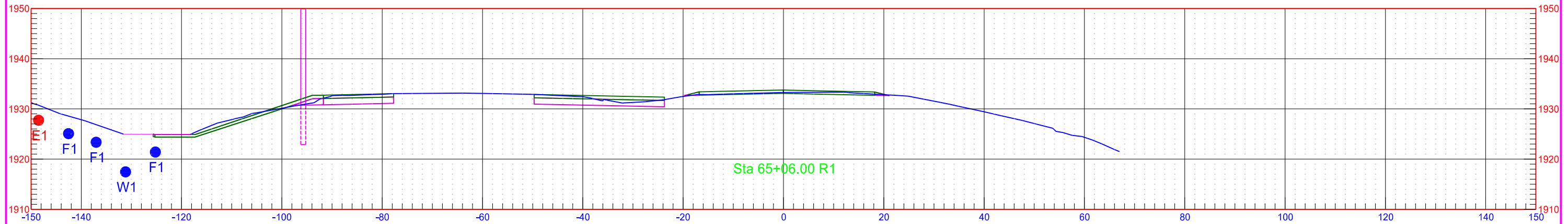
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	2



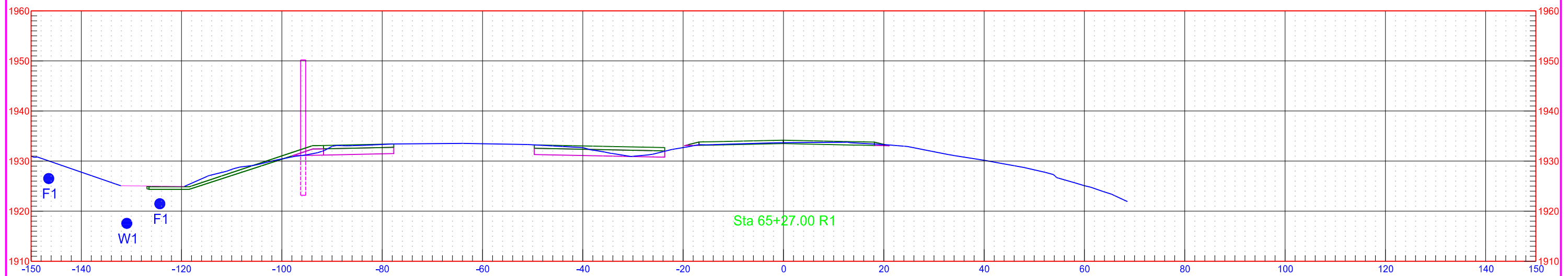
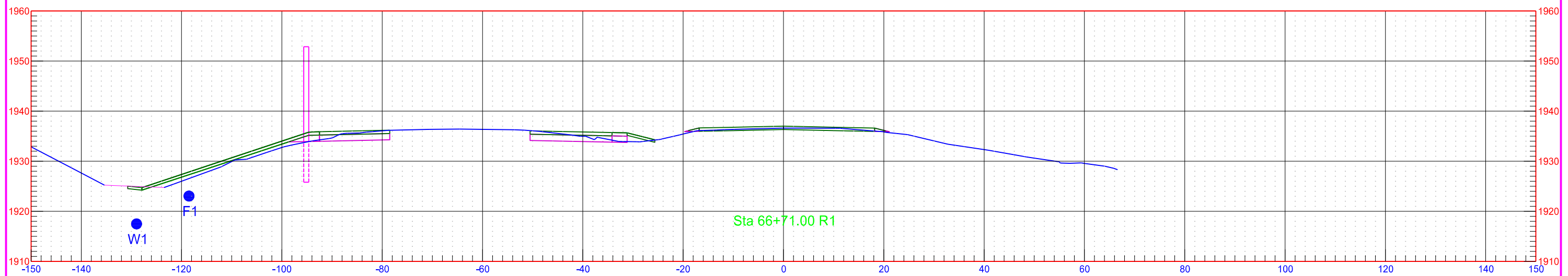
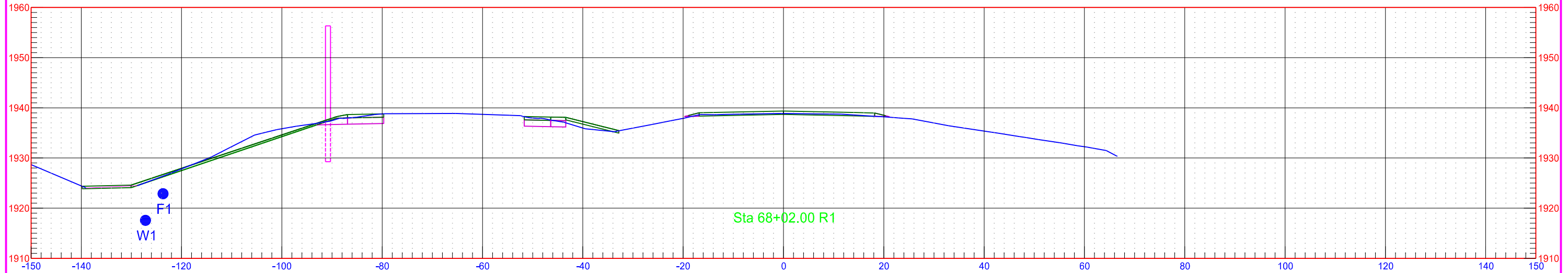
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	3



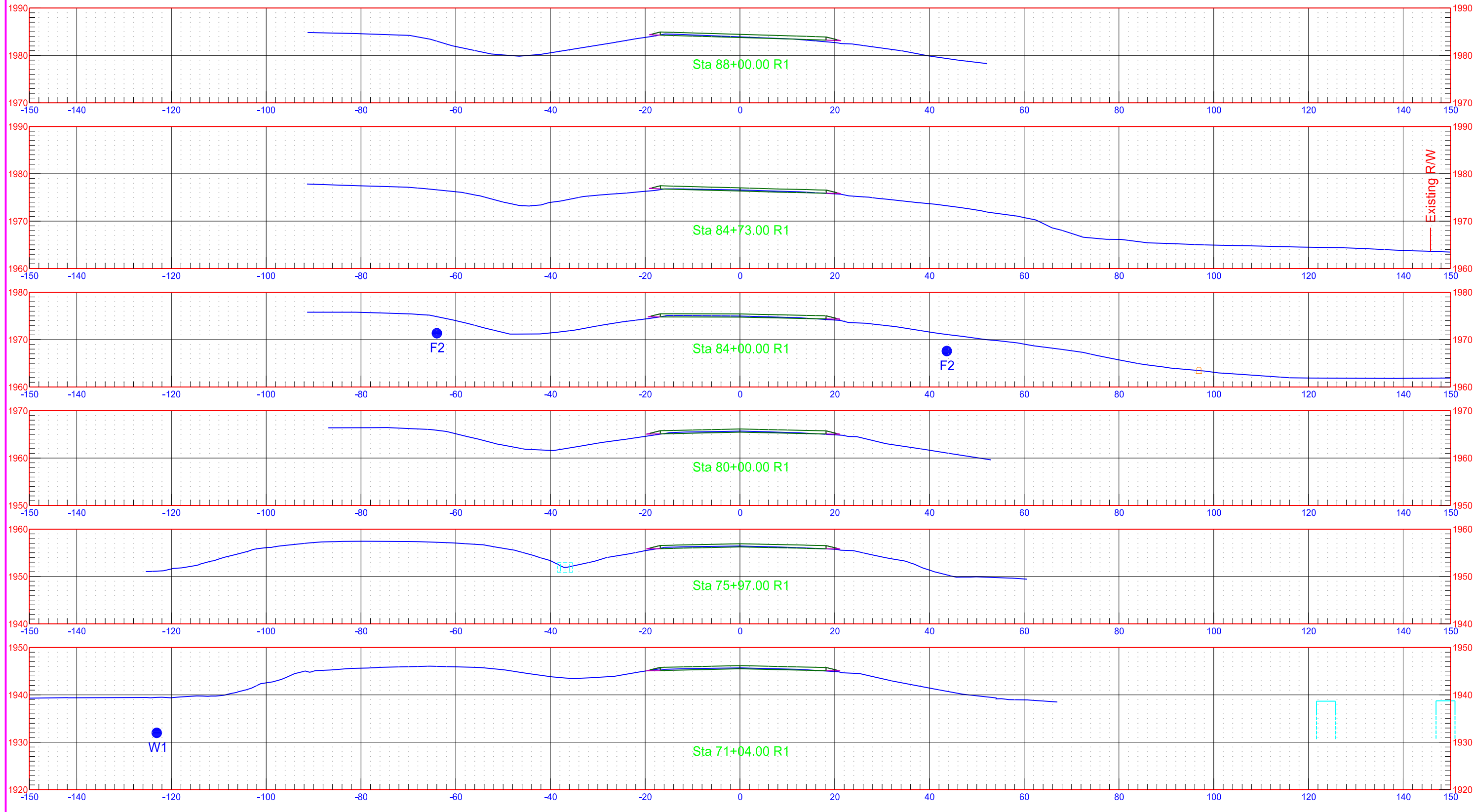
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	4



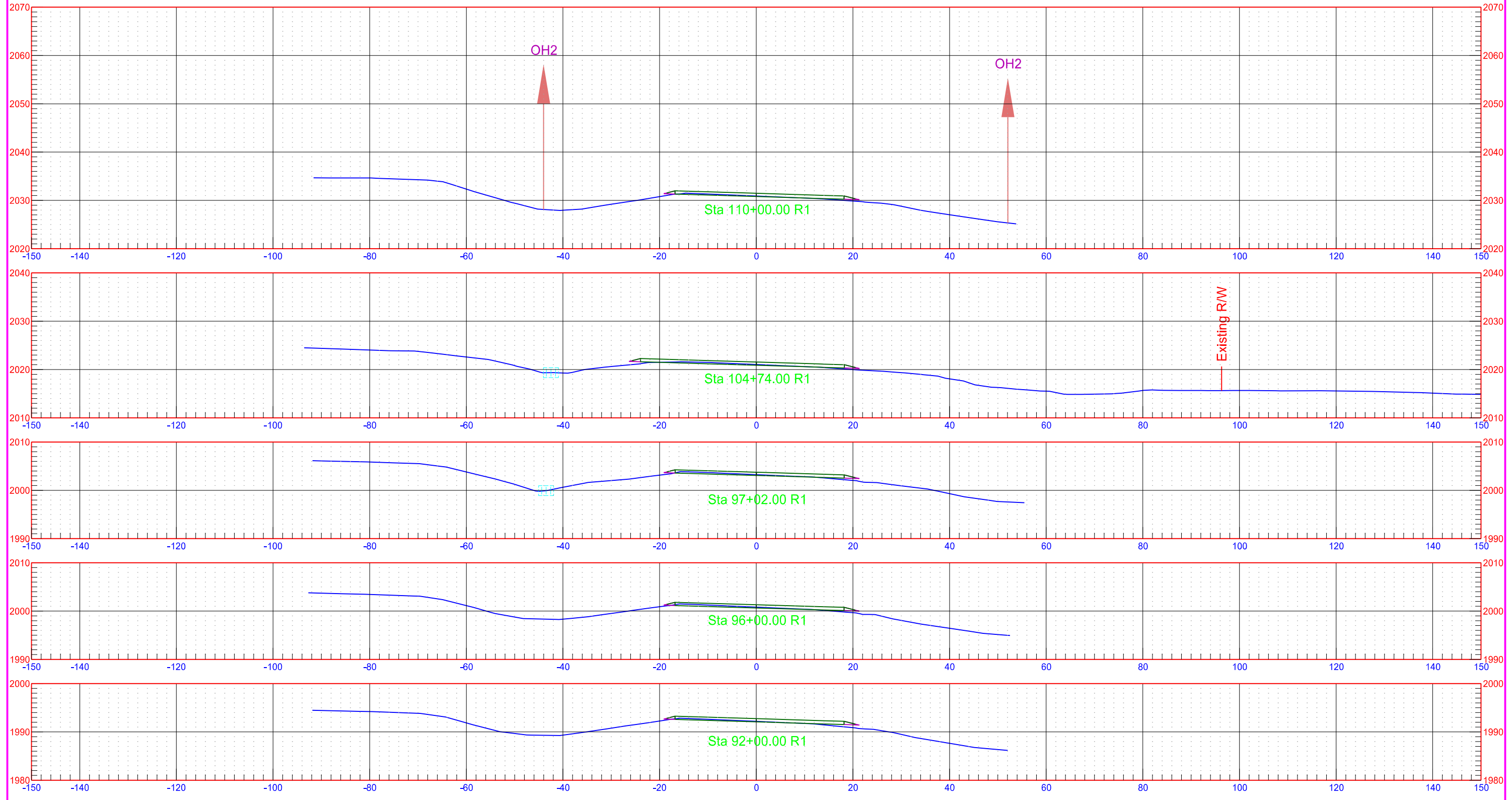
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	5



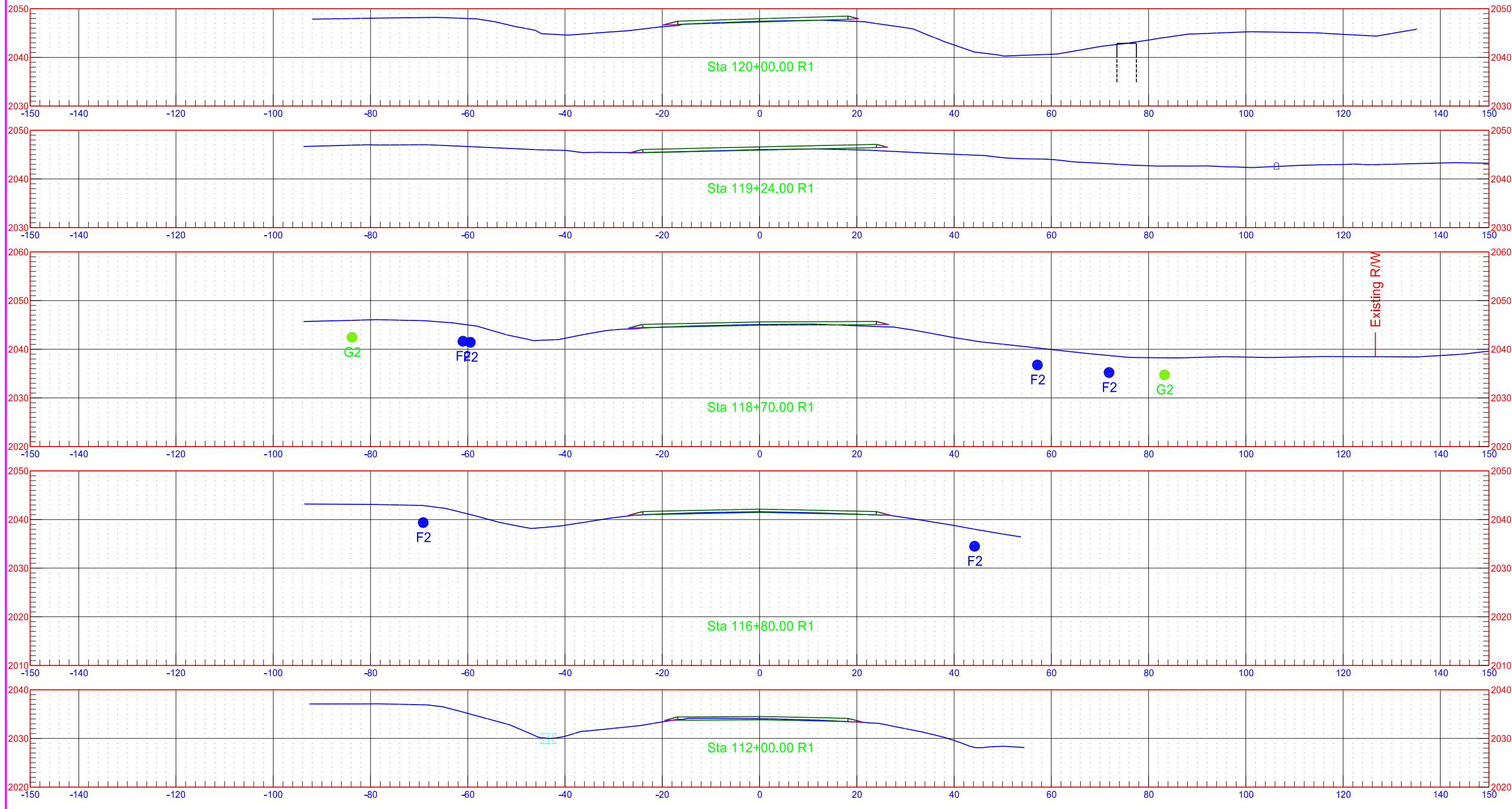
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	6



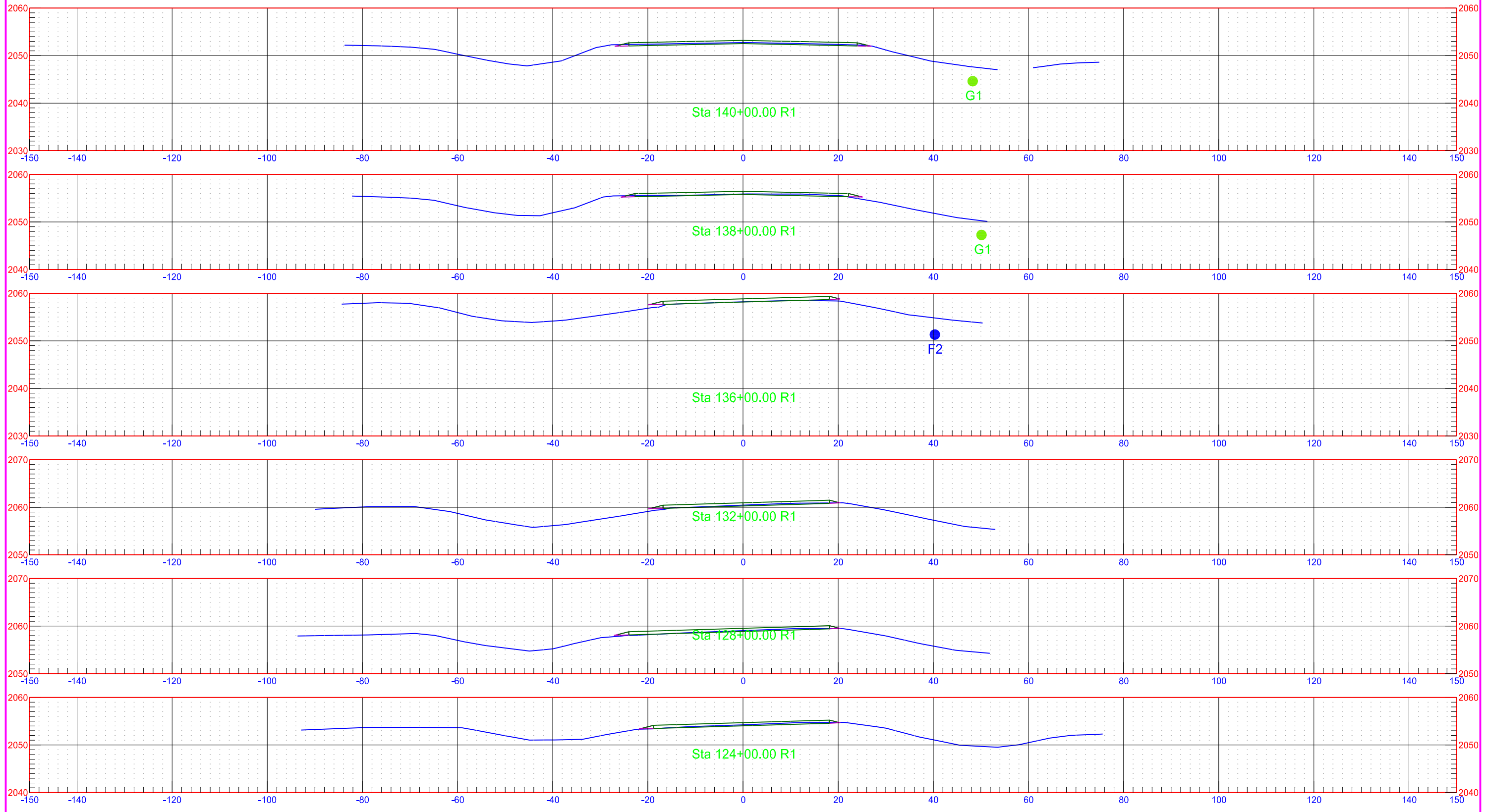
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	7



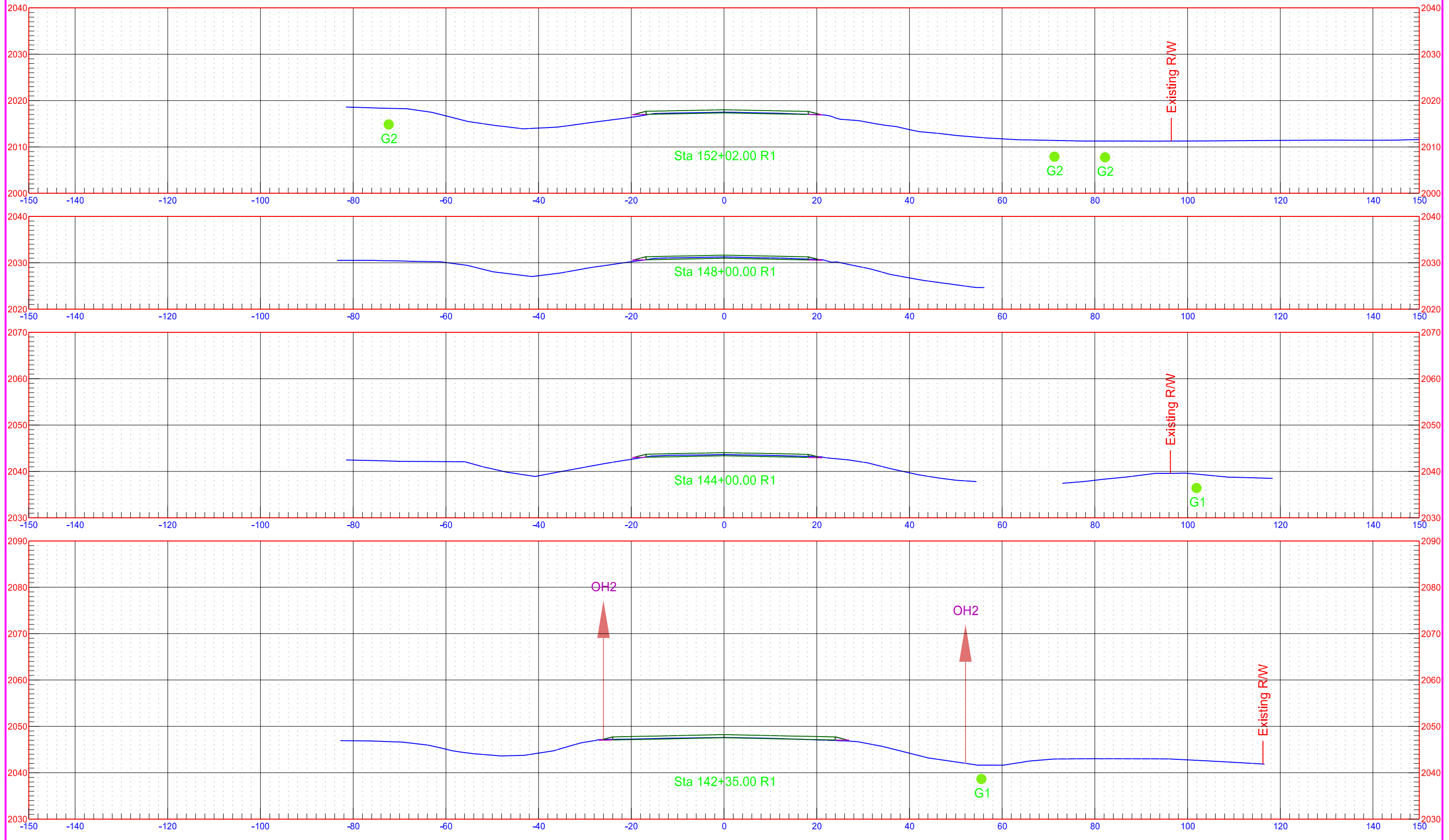
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	8



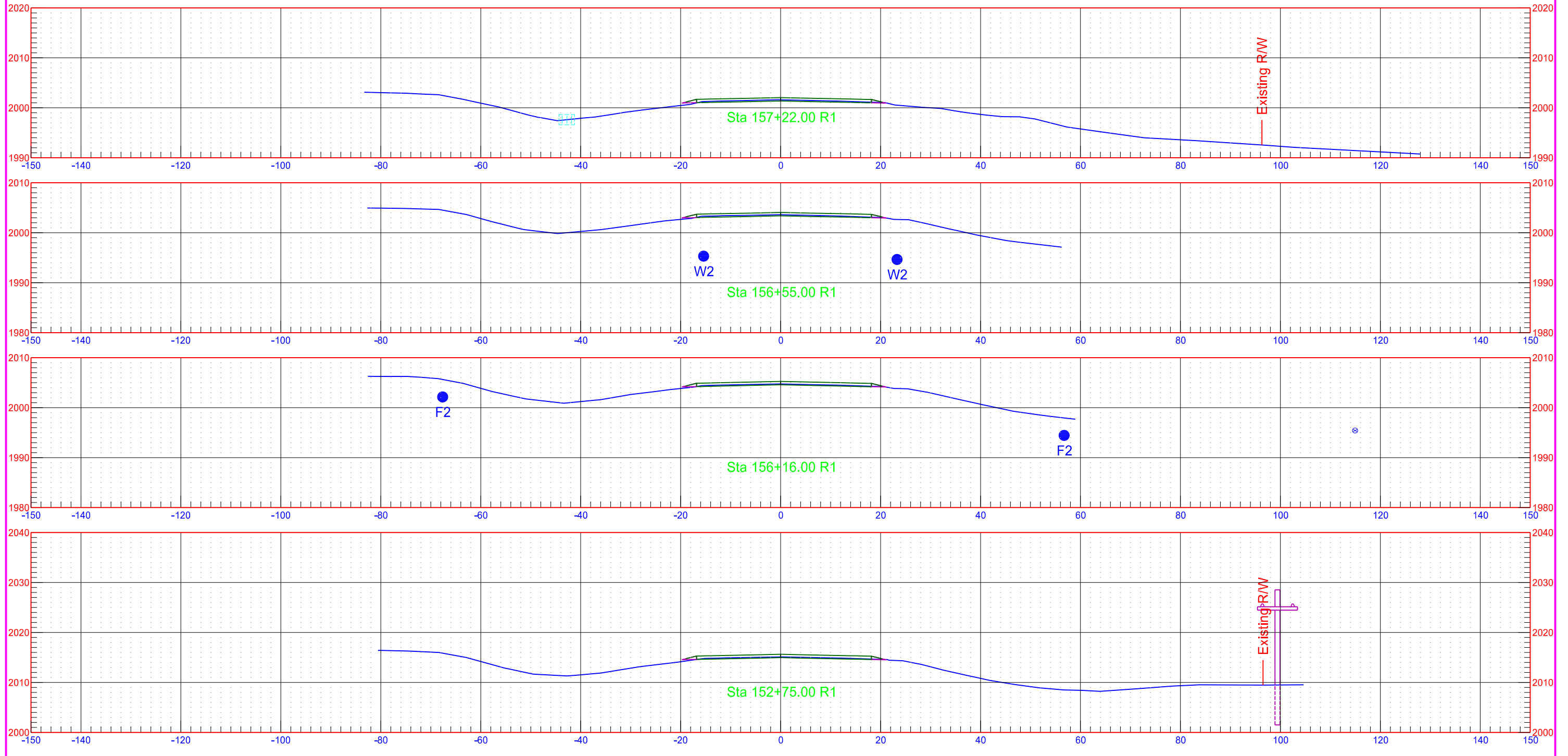
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	9



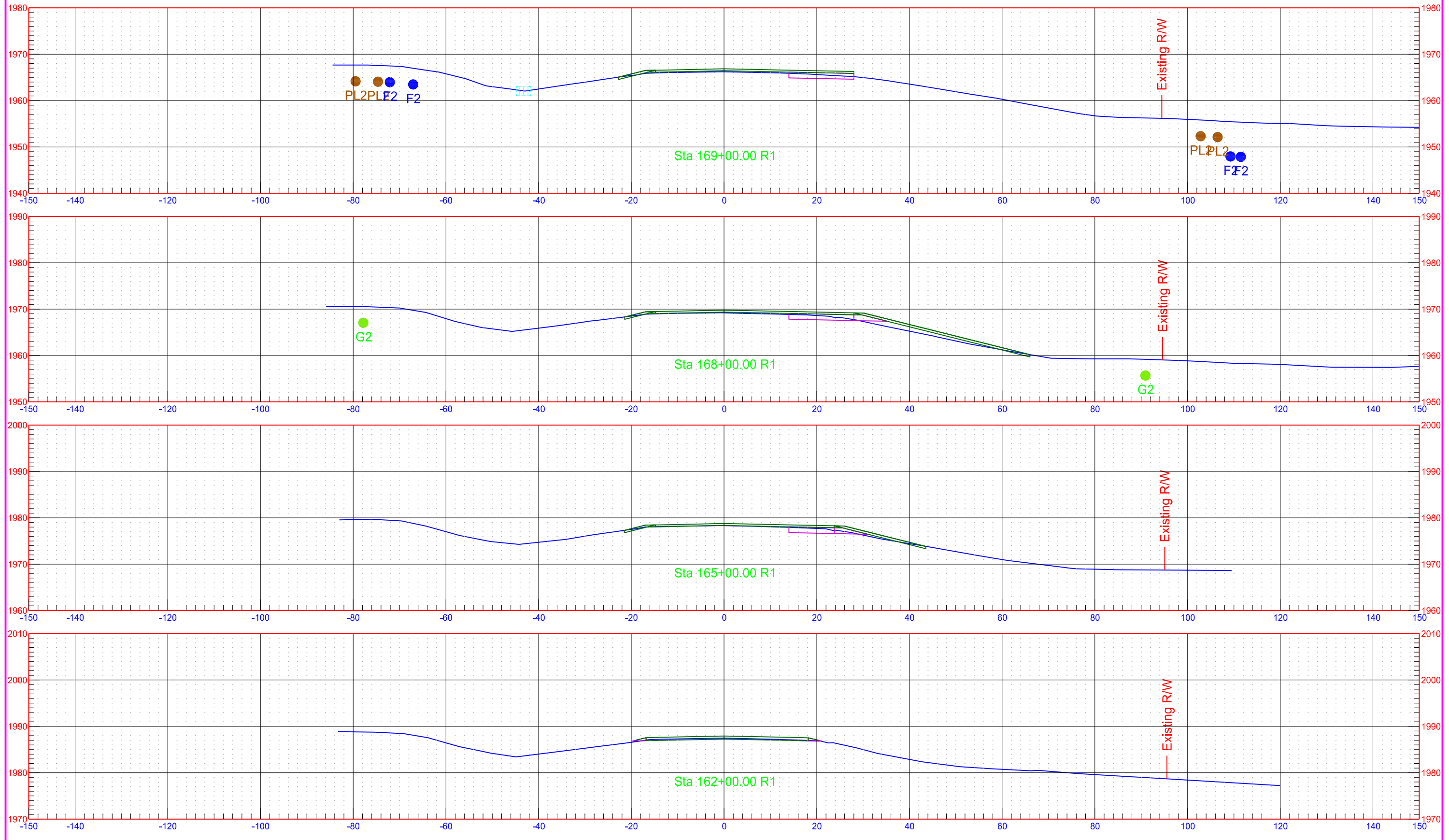
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	10



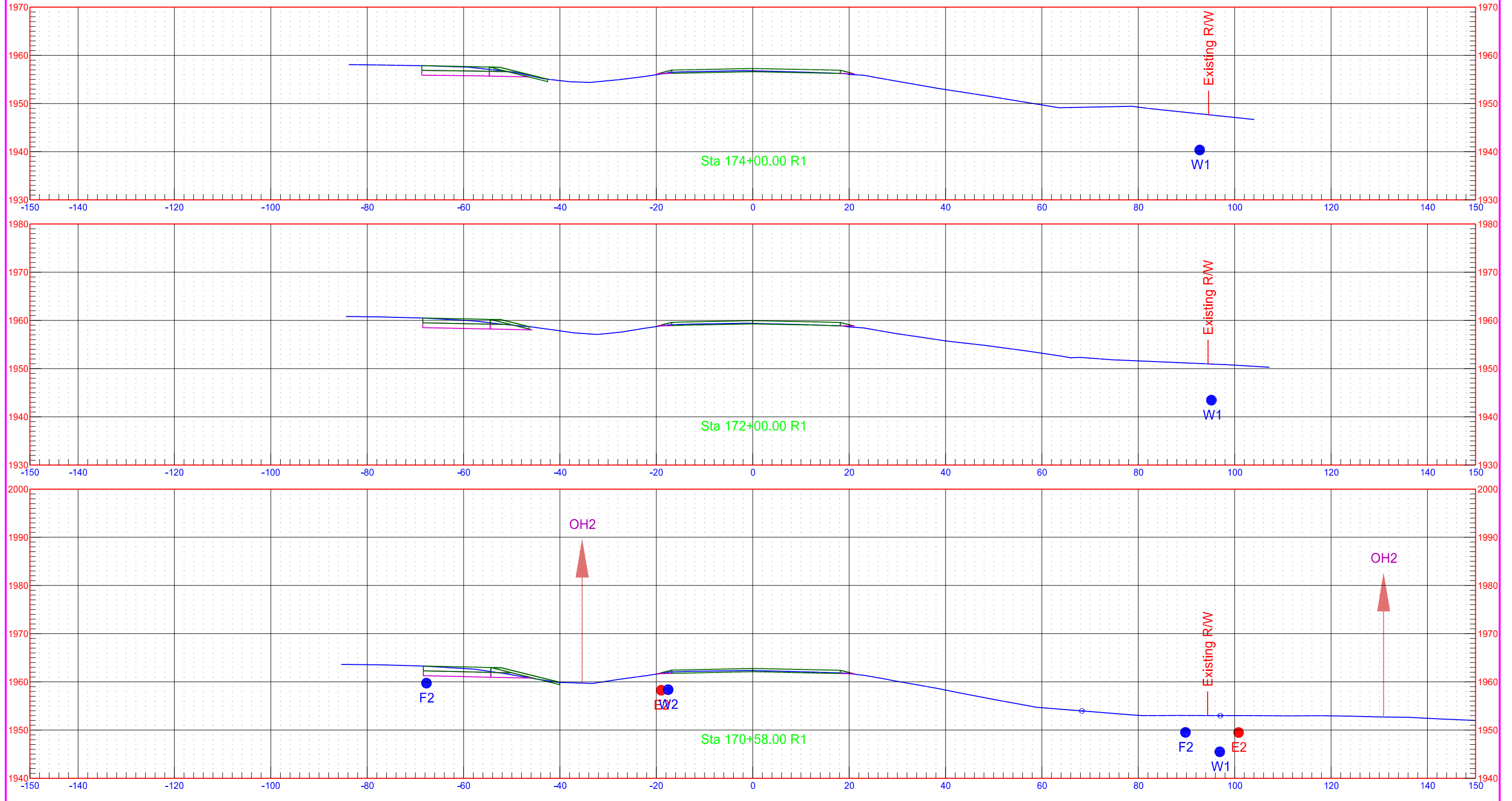
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	11



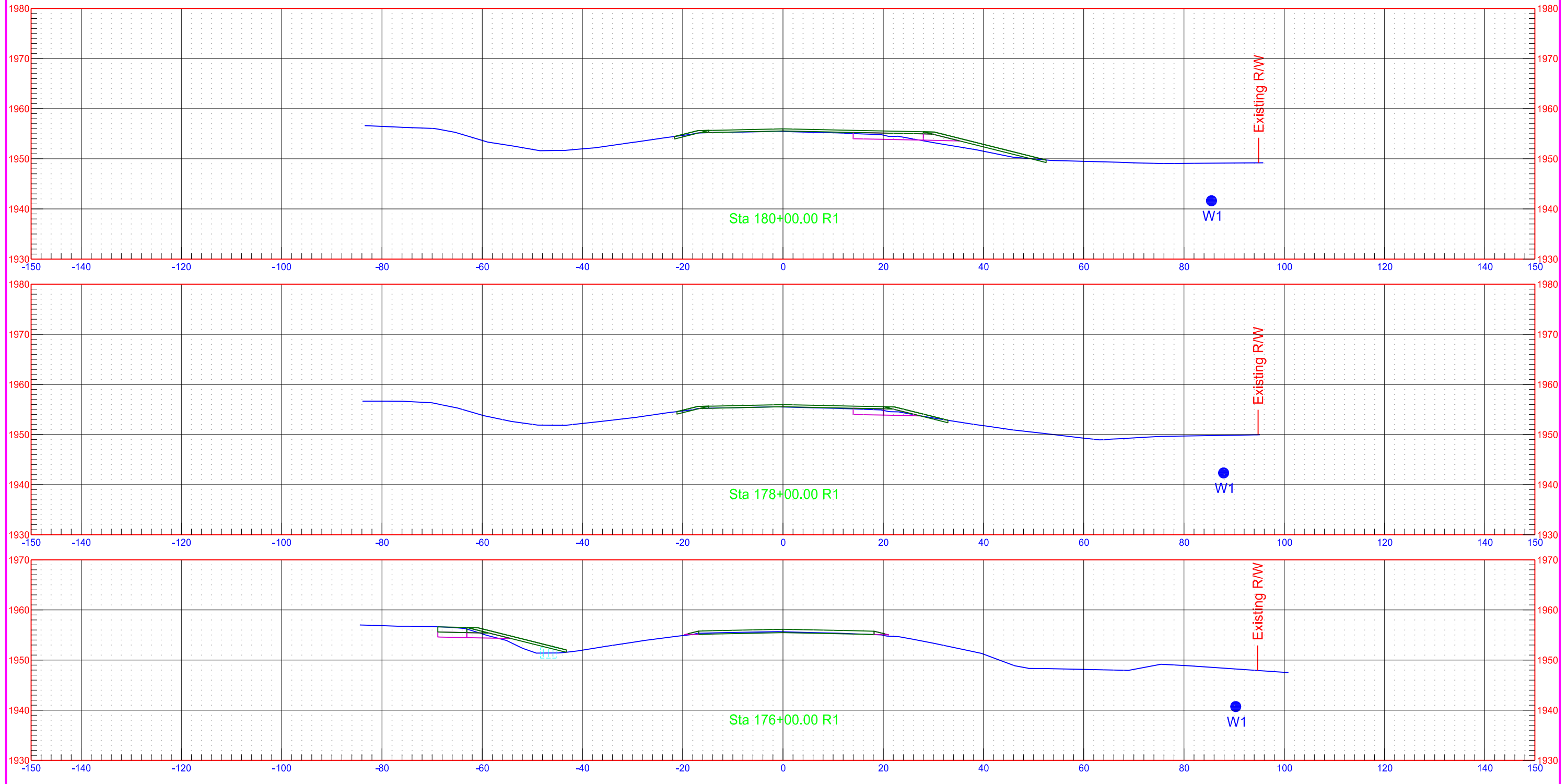
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	12



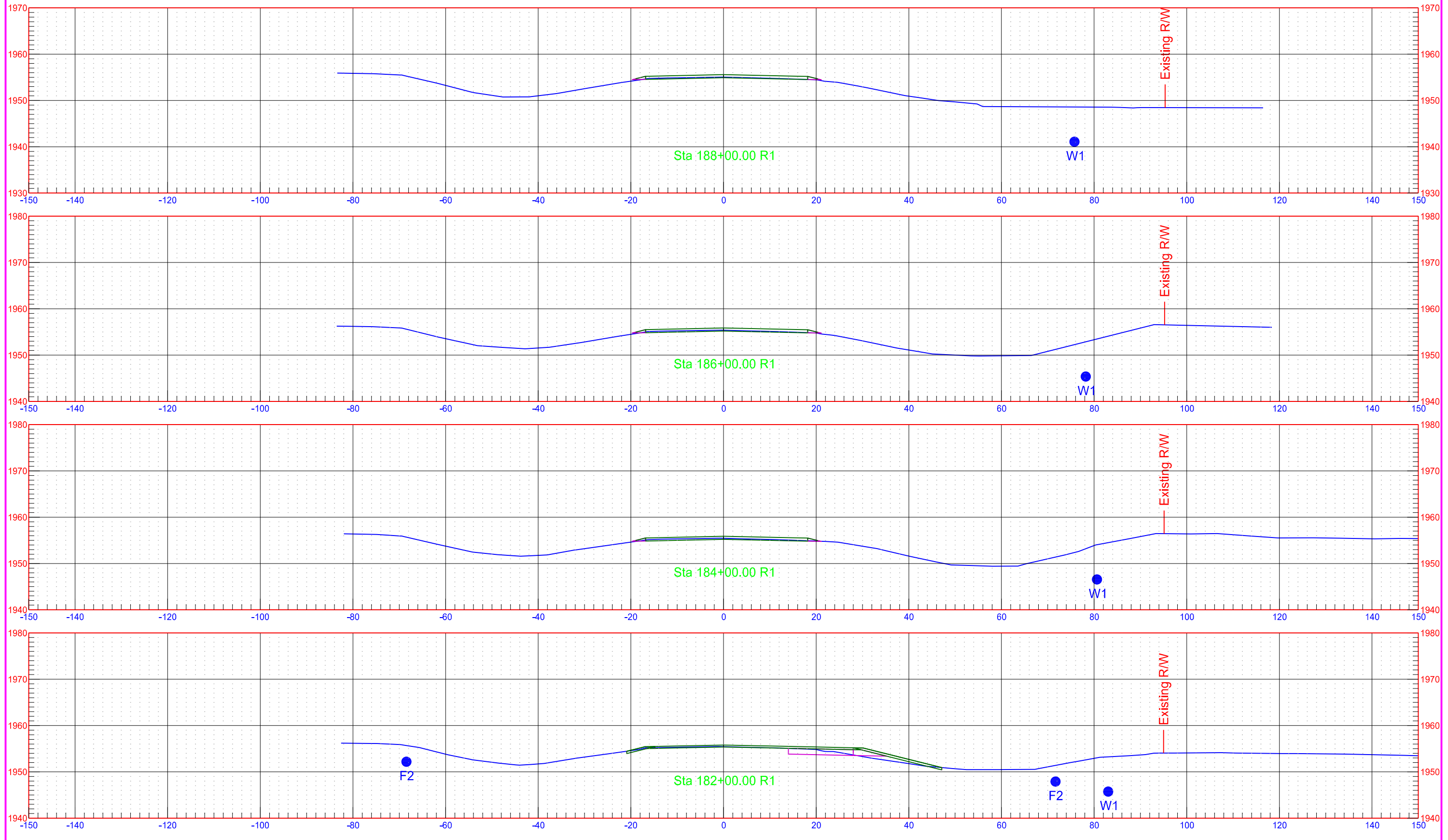
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	13



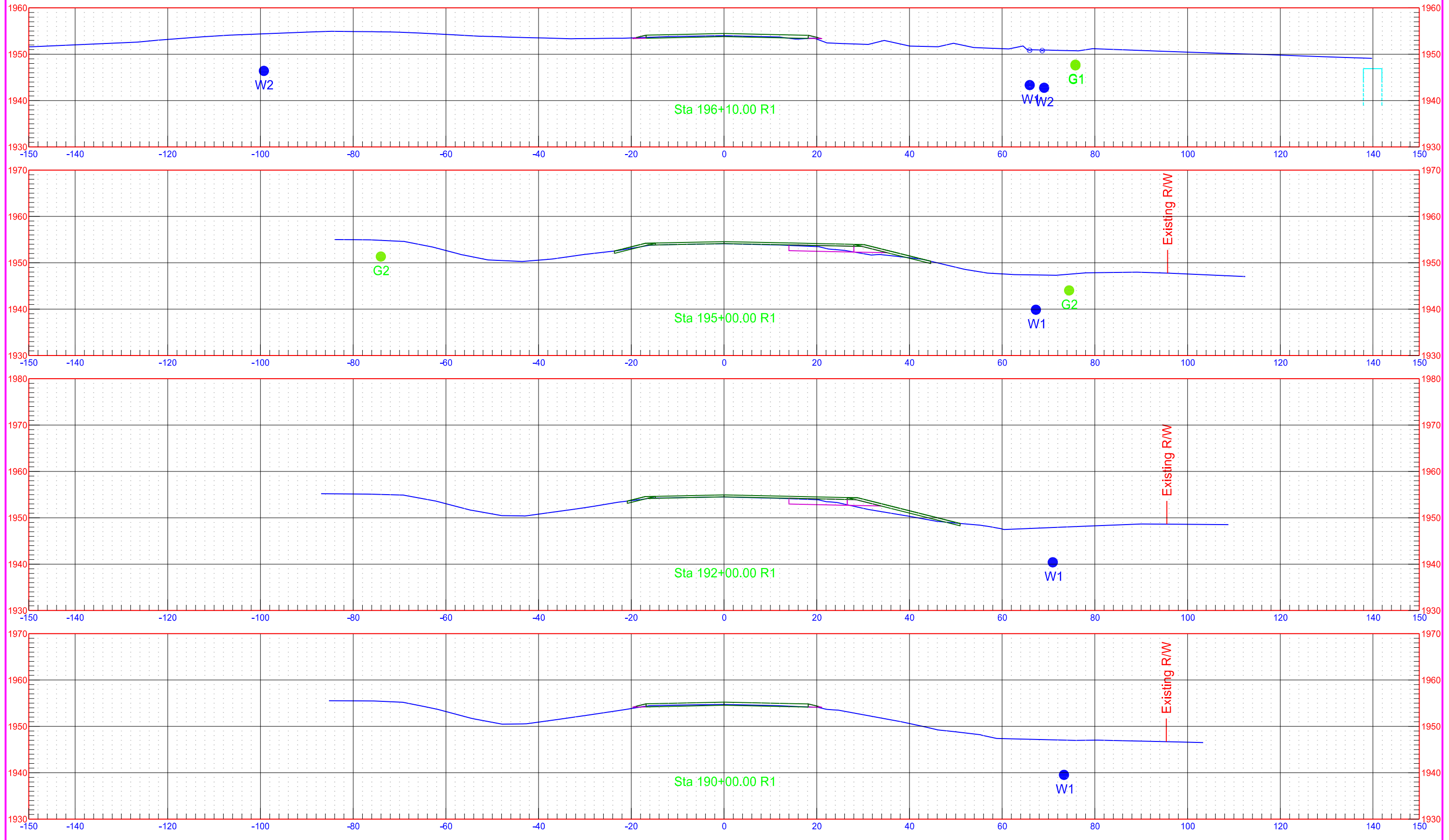
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	14



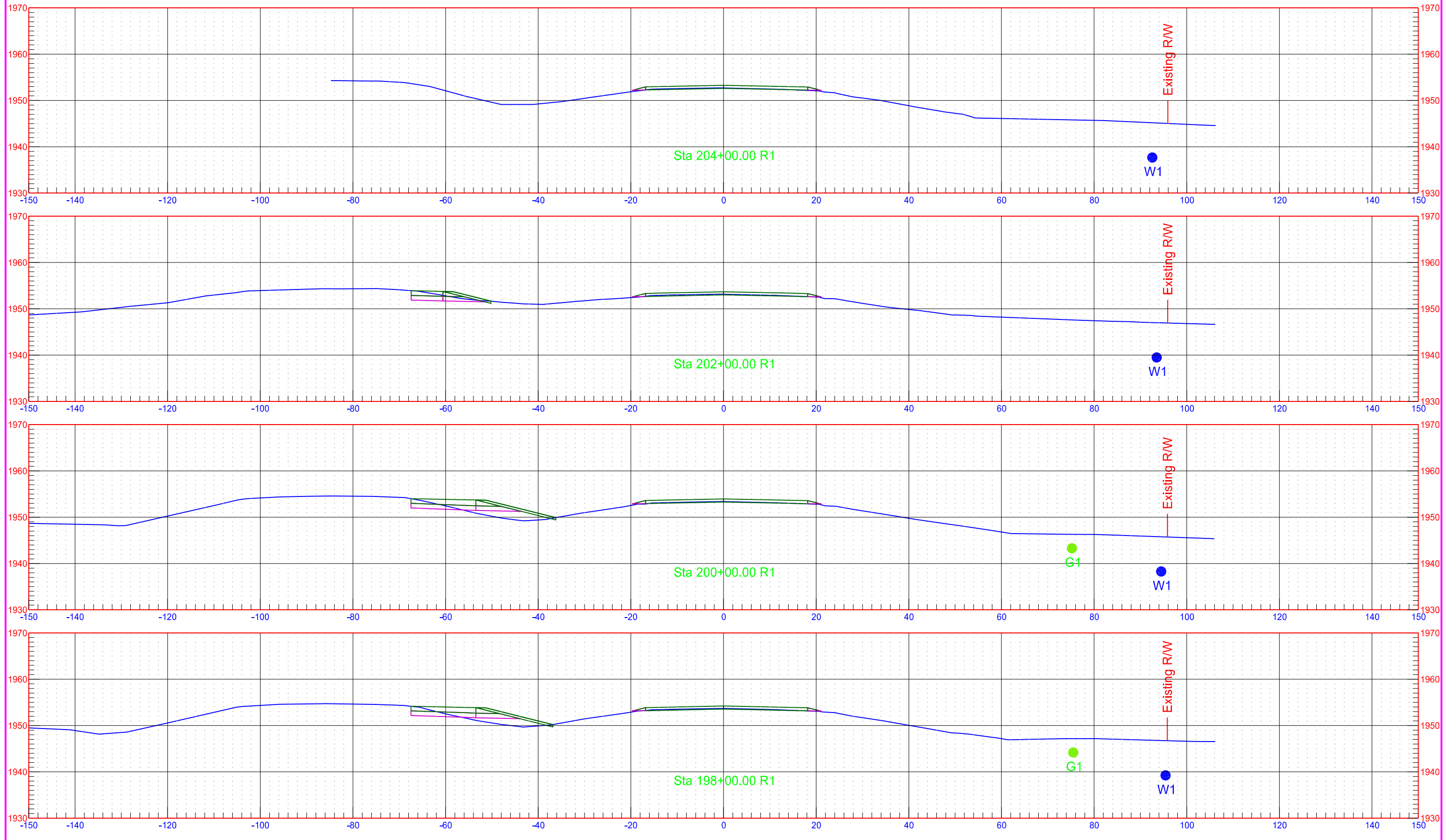
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	15



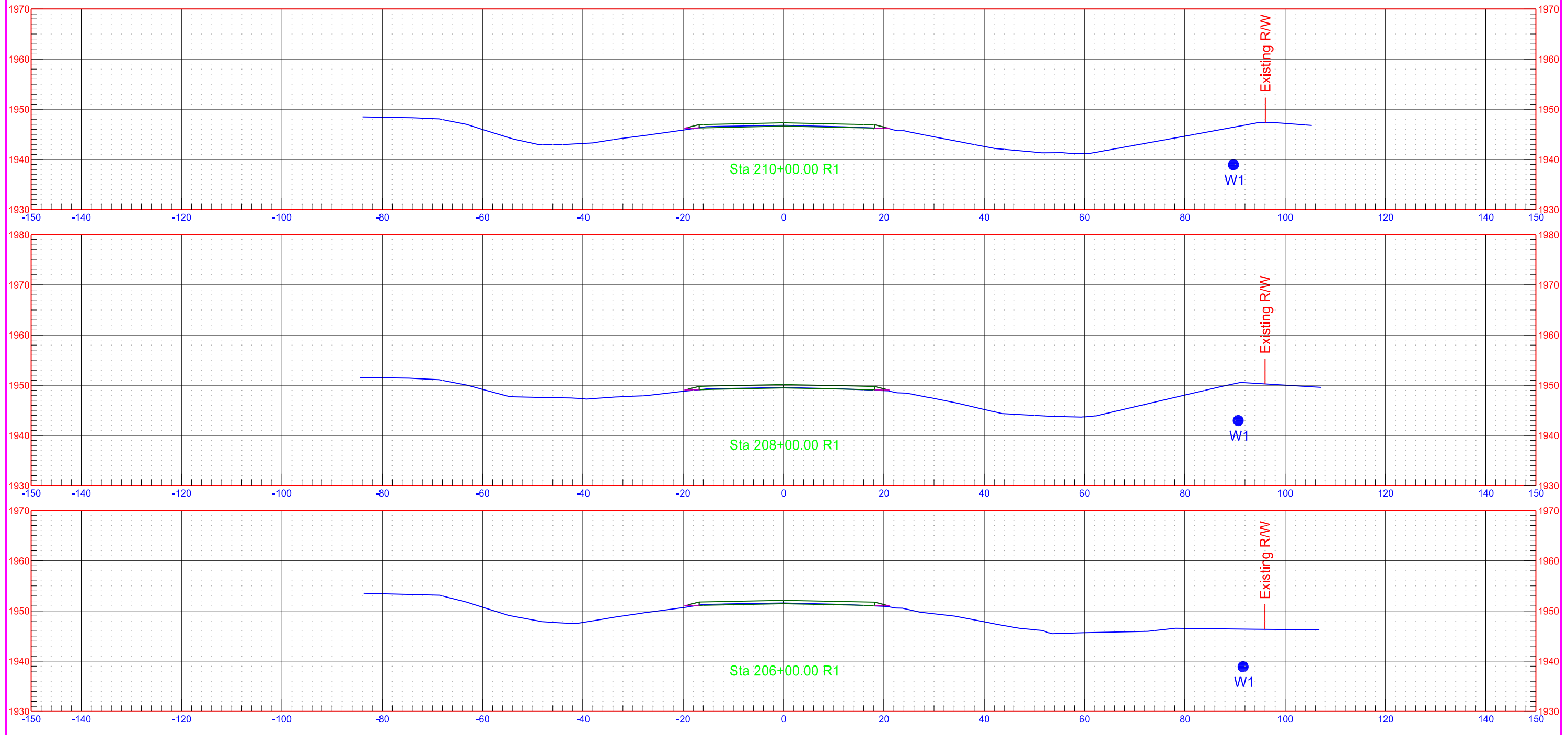
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	16



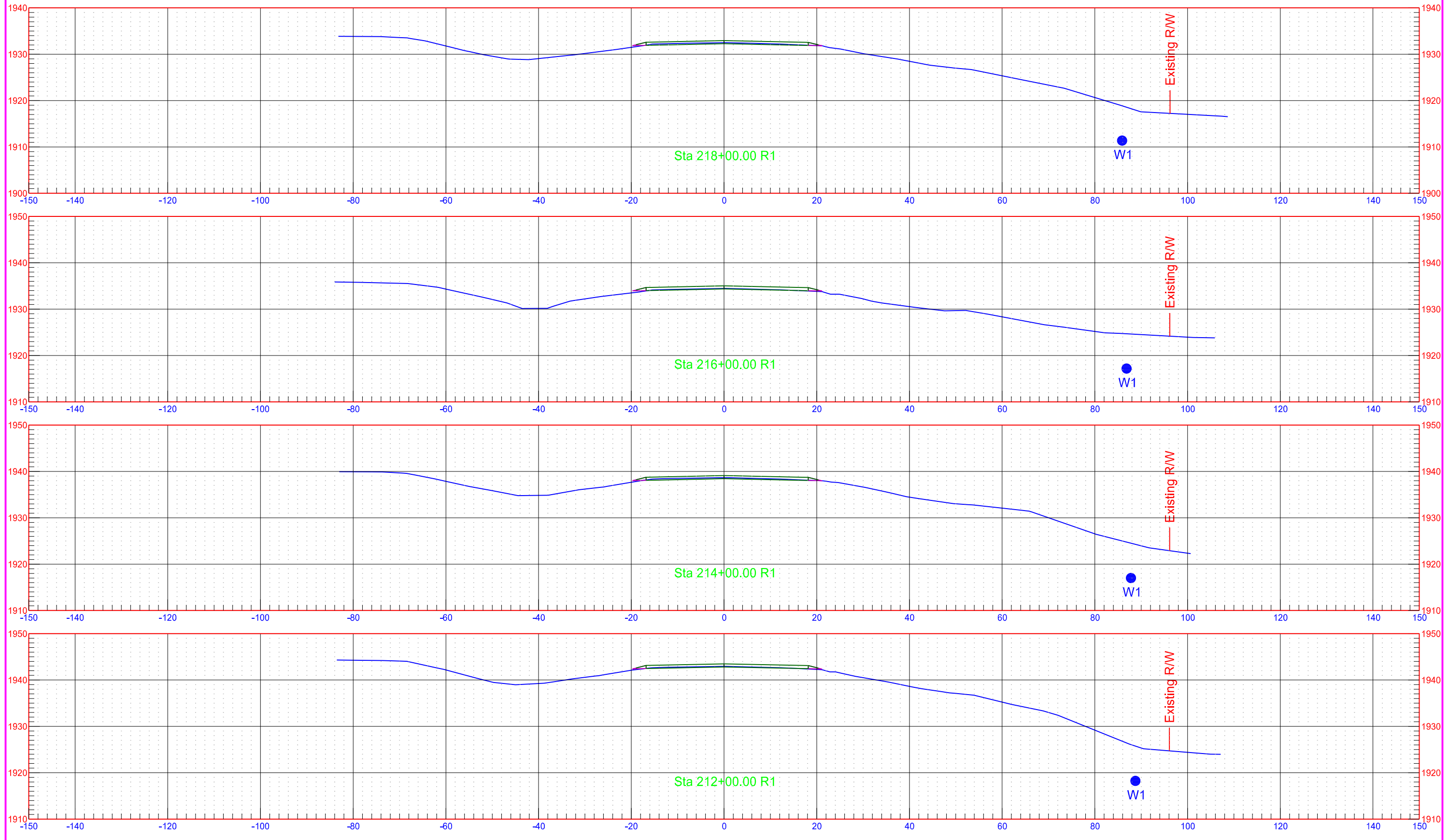
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	17



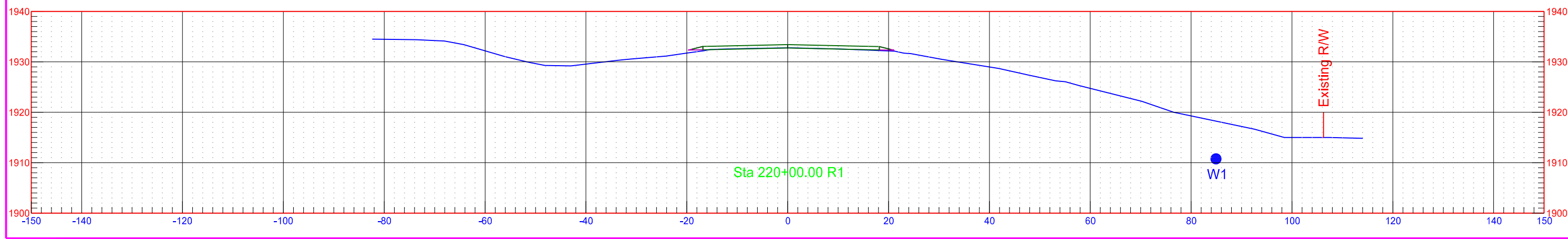
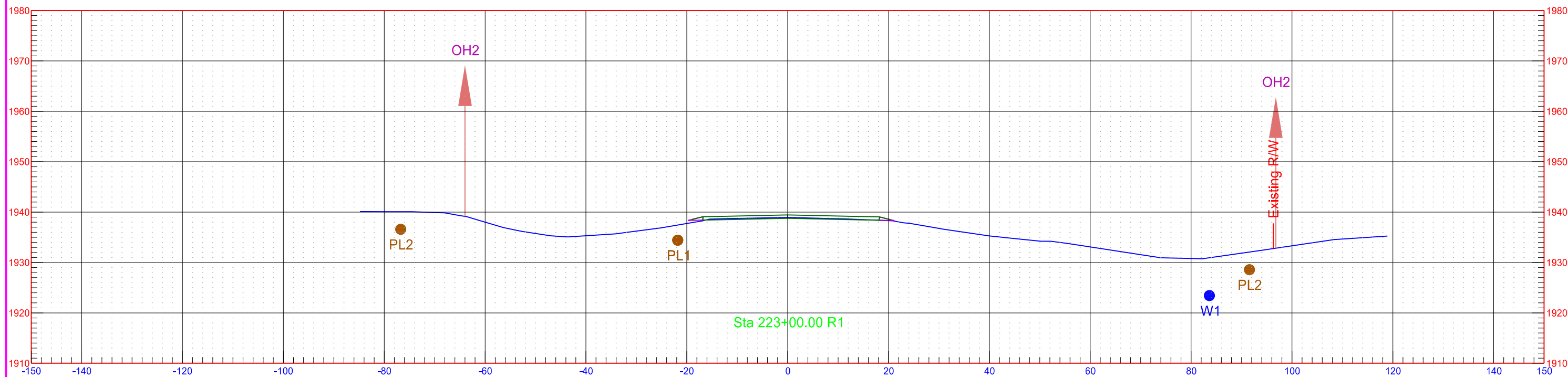
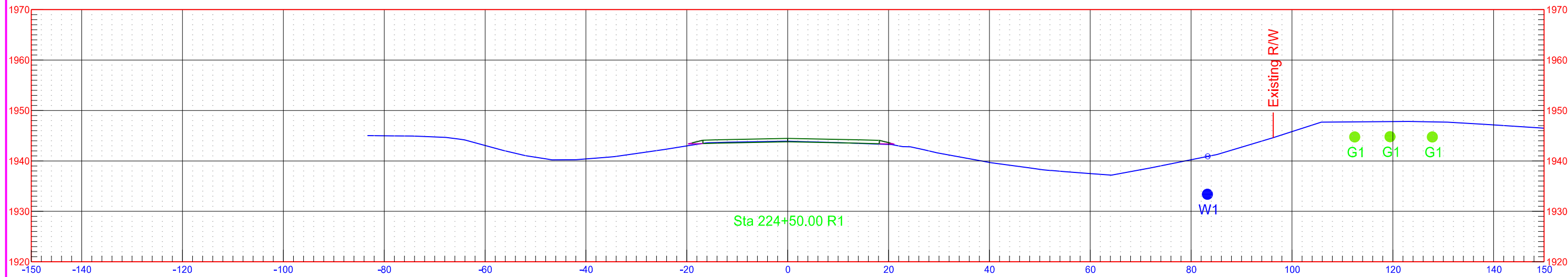
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	18



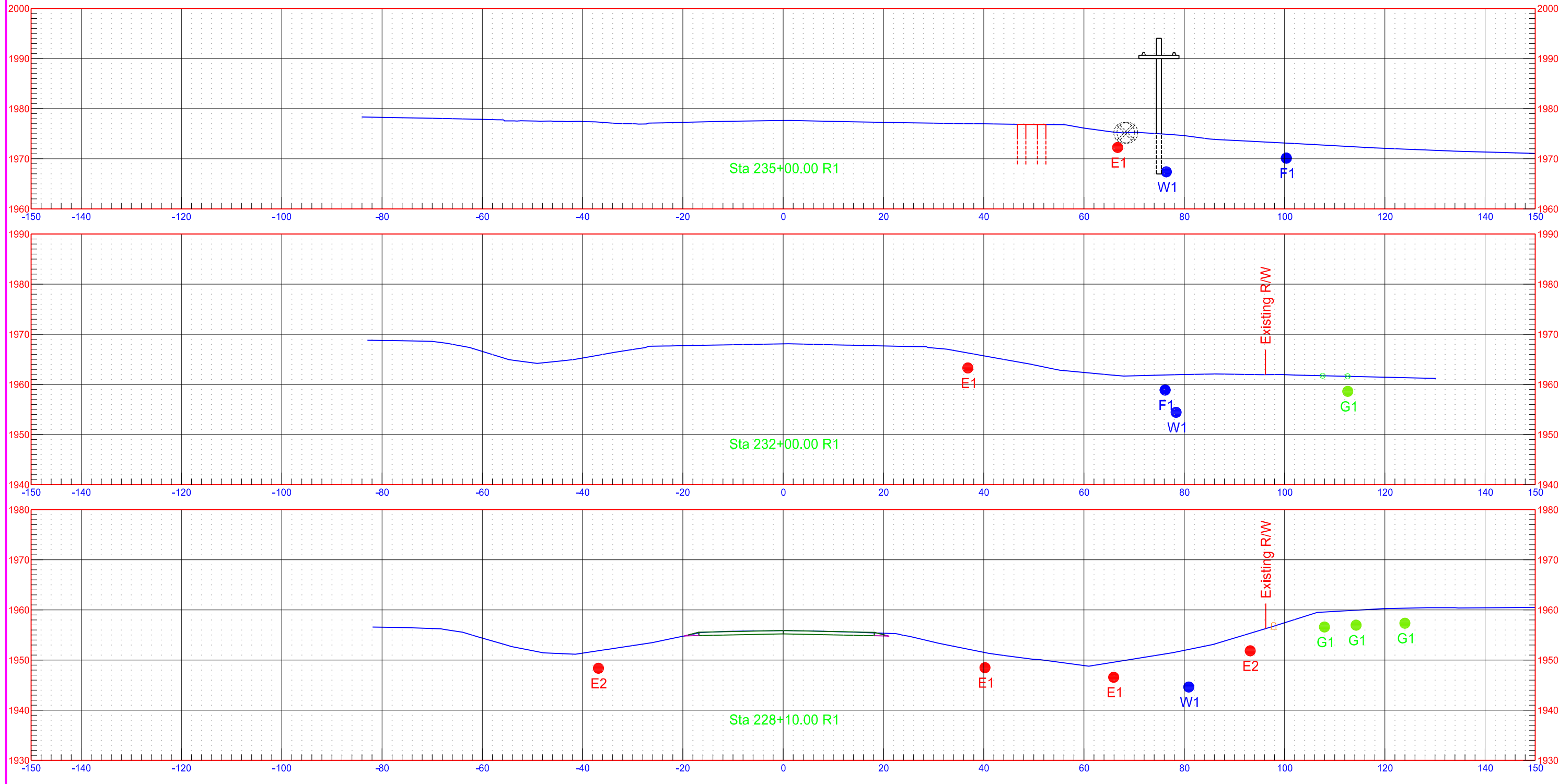
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
 All Facility locations shown are approximate.
 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	19



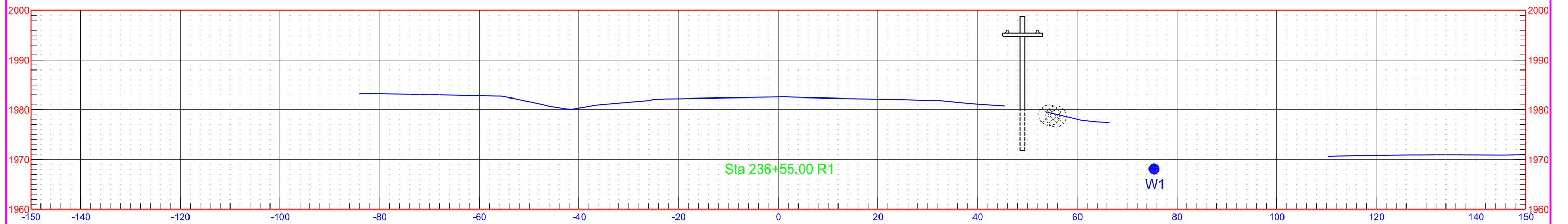
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	20



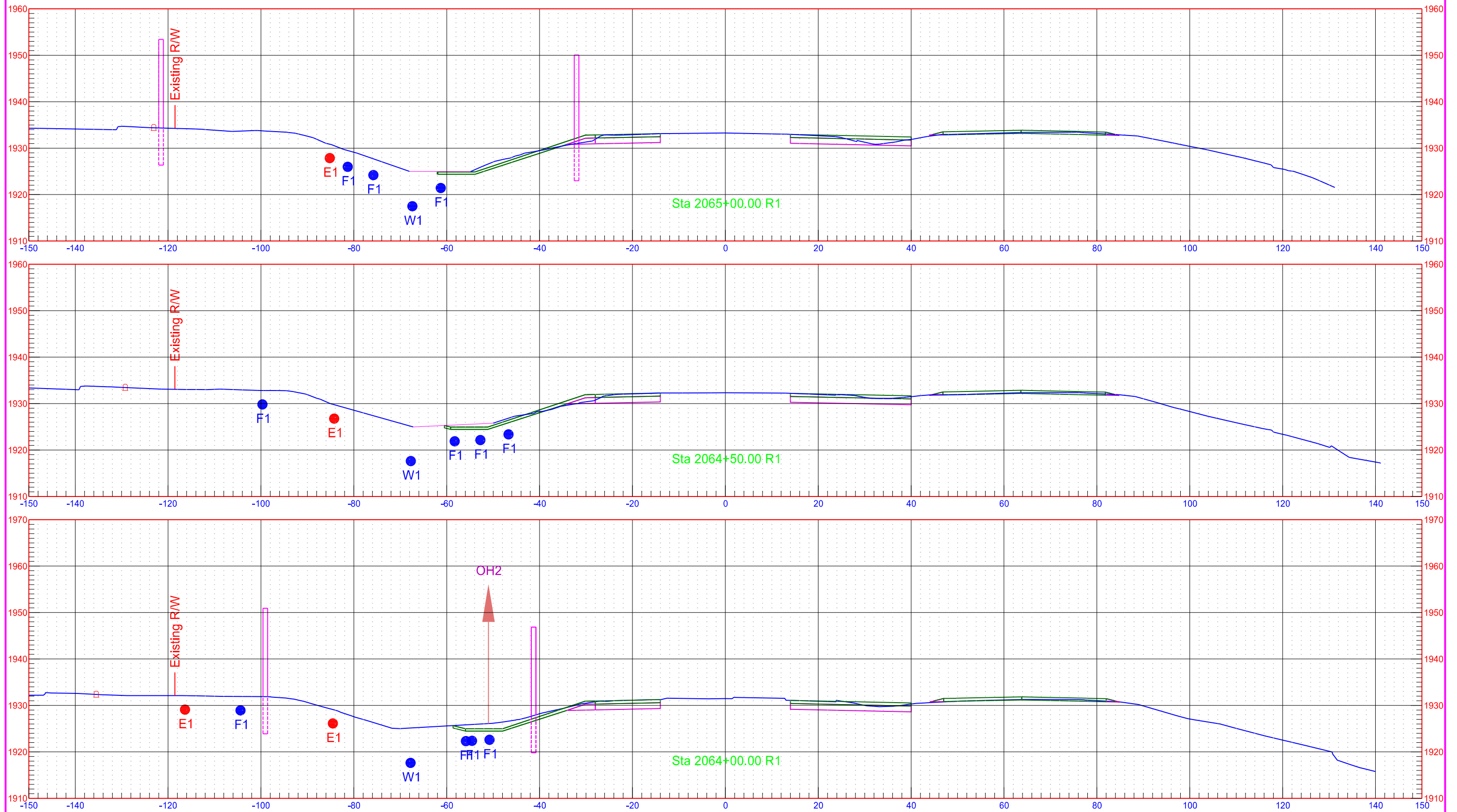
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	21



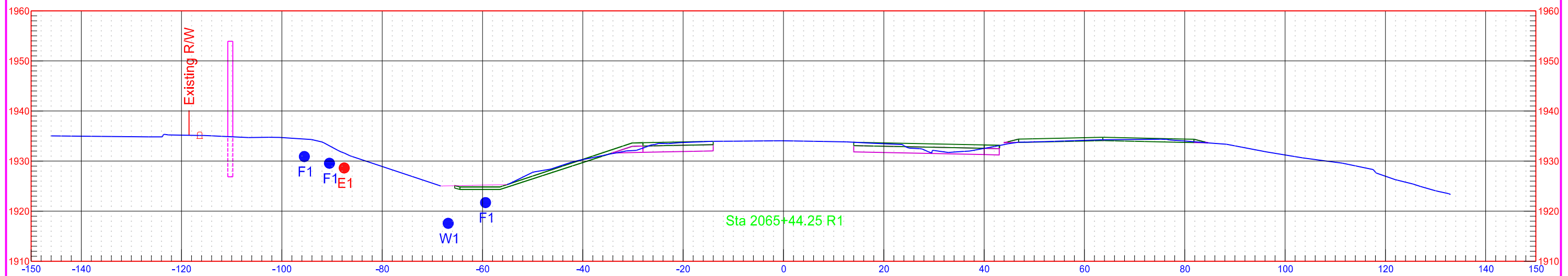
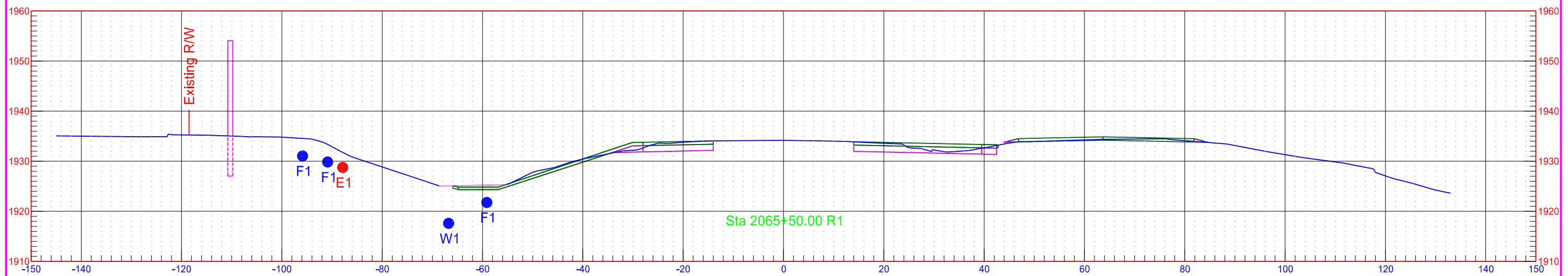
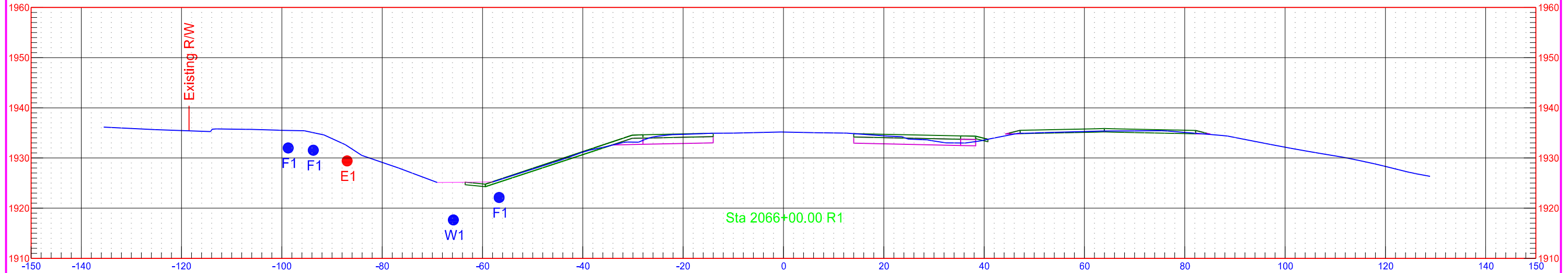
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	22



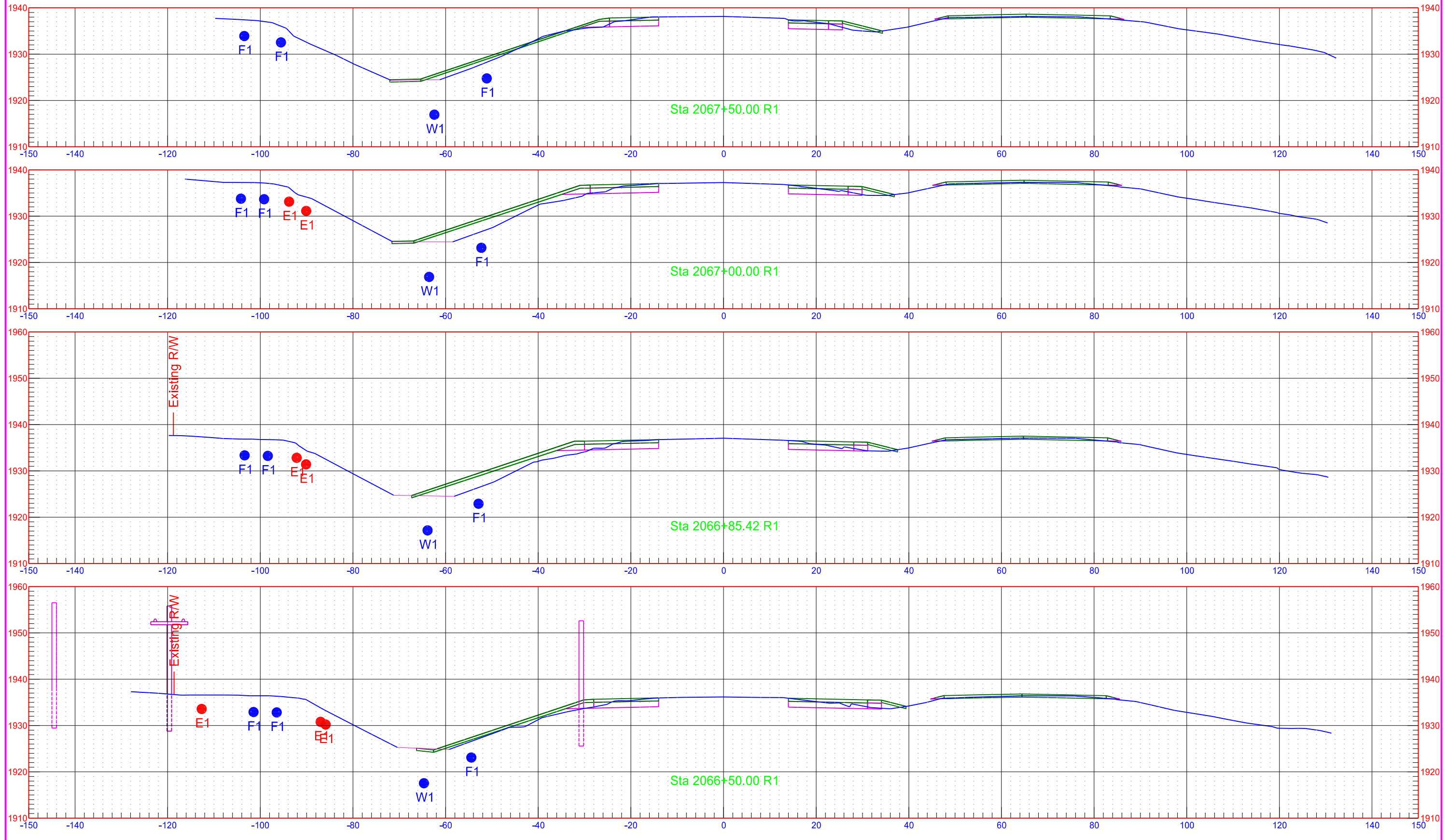
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	23



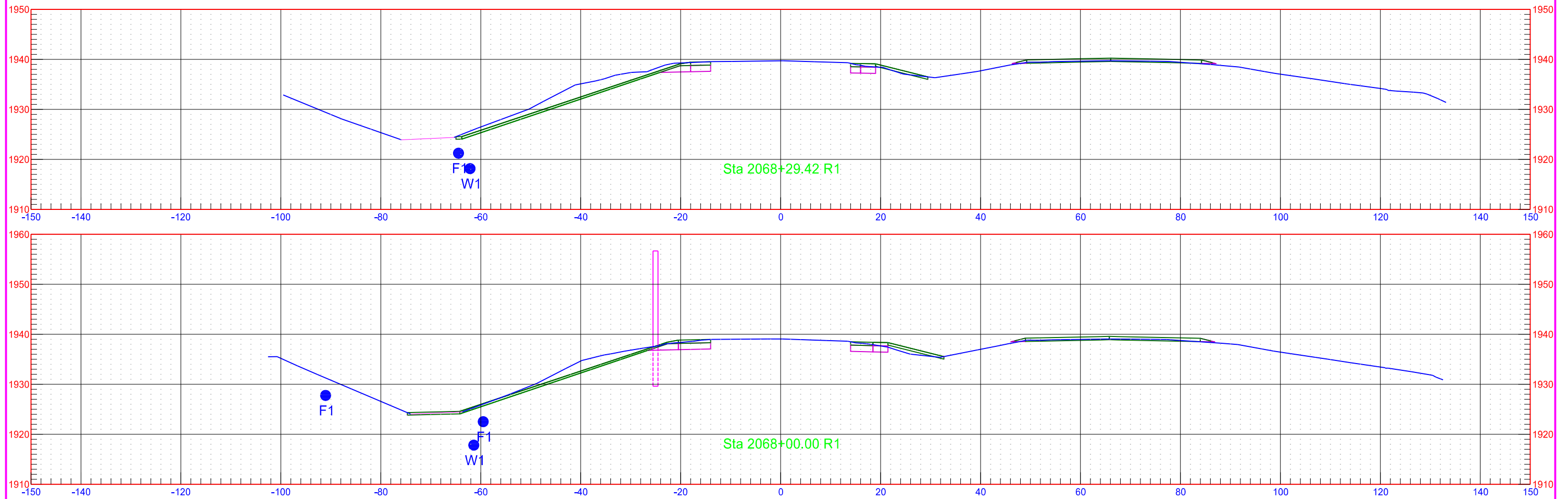
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
 All Facility locations shown are approximate.
 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	24



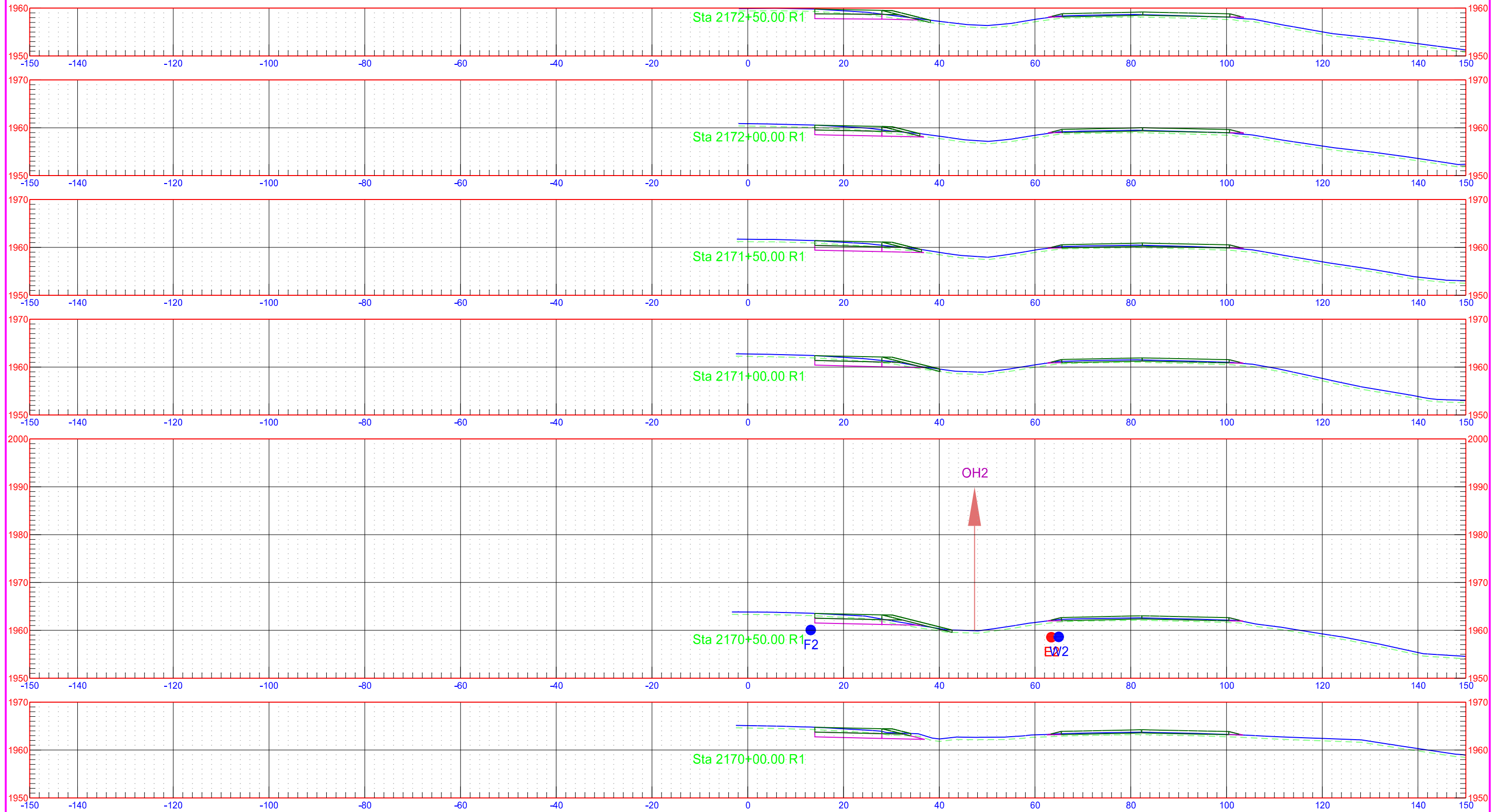
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
All Facility locations shown are approximate.
Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	25



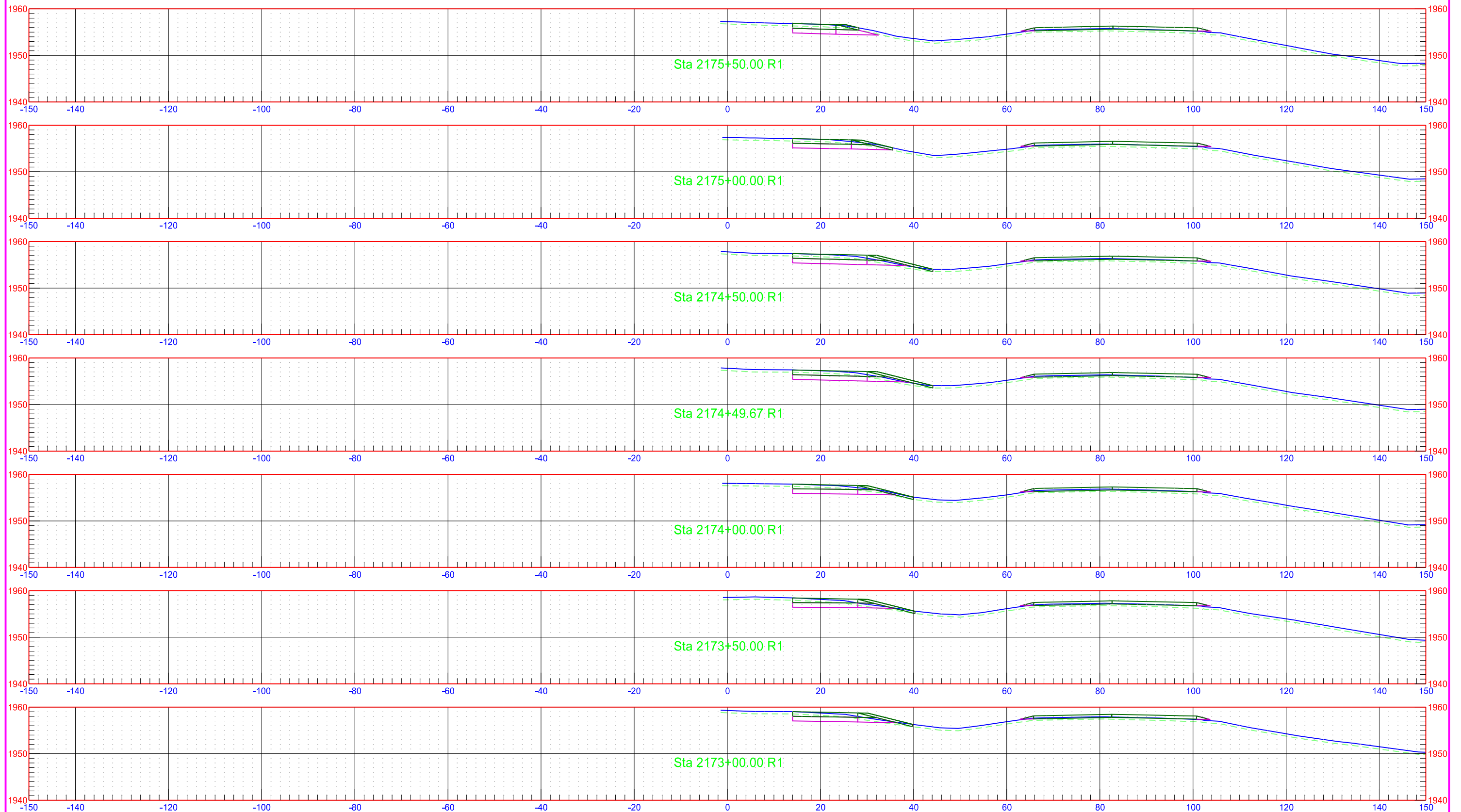
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
 All Facility locations shown are approximate.
 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	26



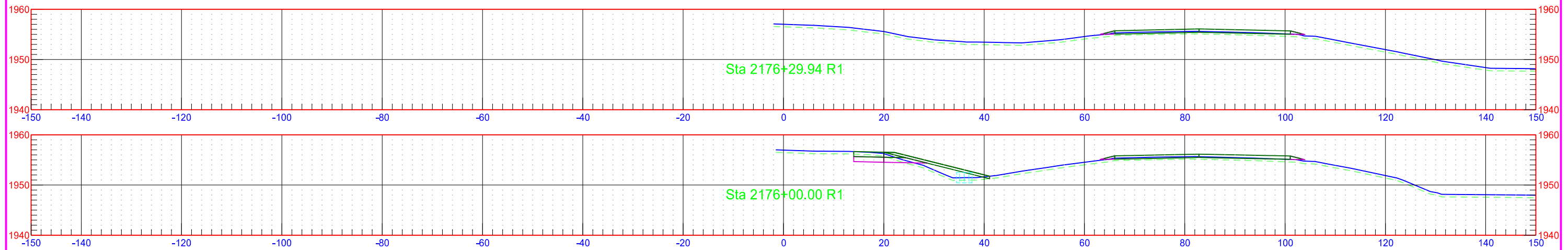
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
All Facility locations shown are approximate.
Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	27



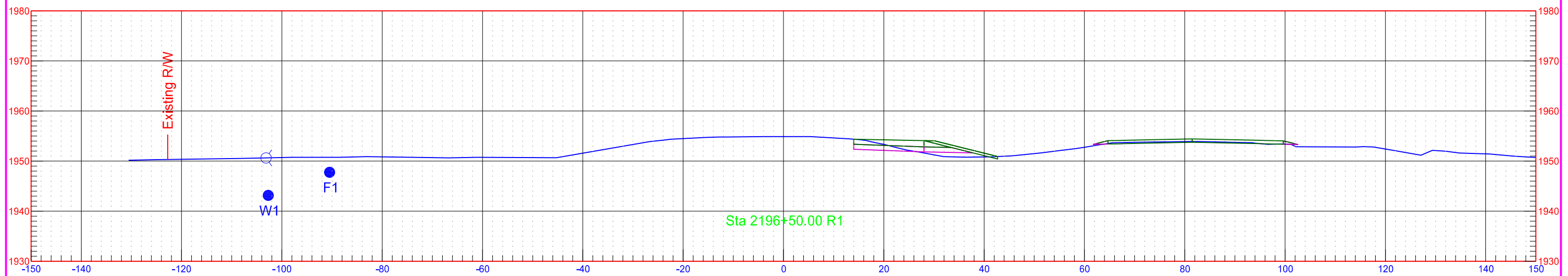
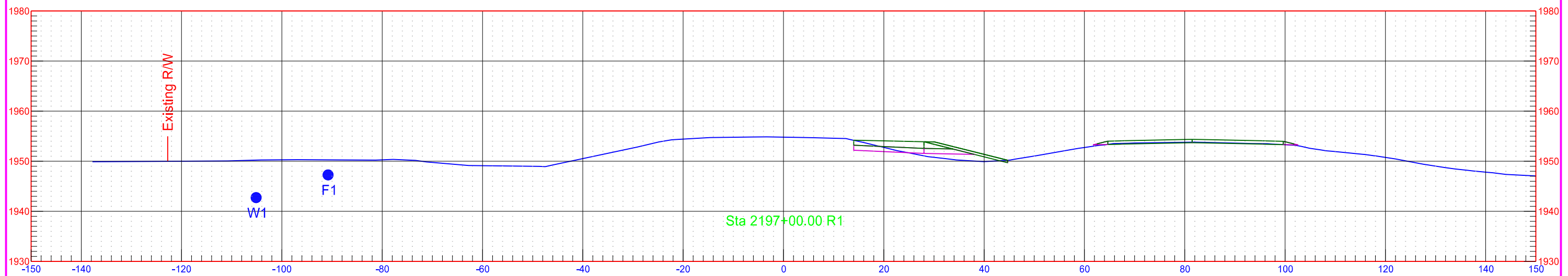
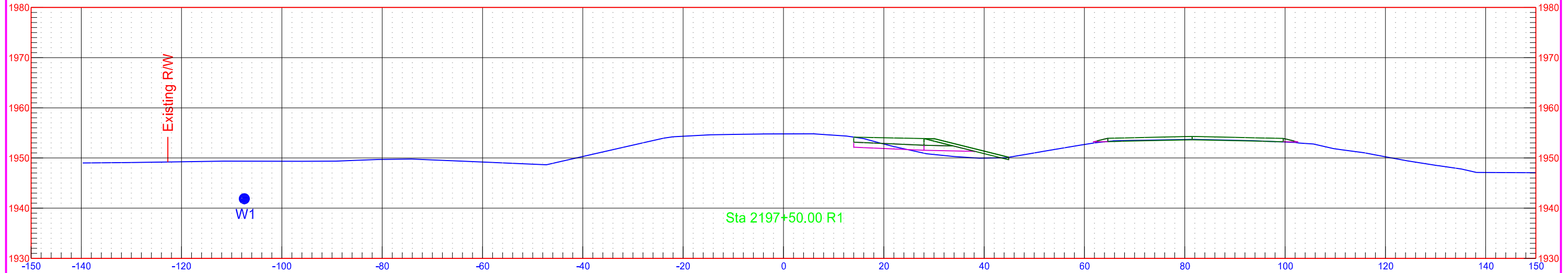
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	28



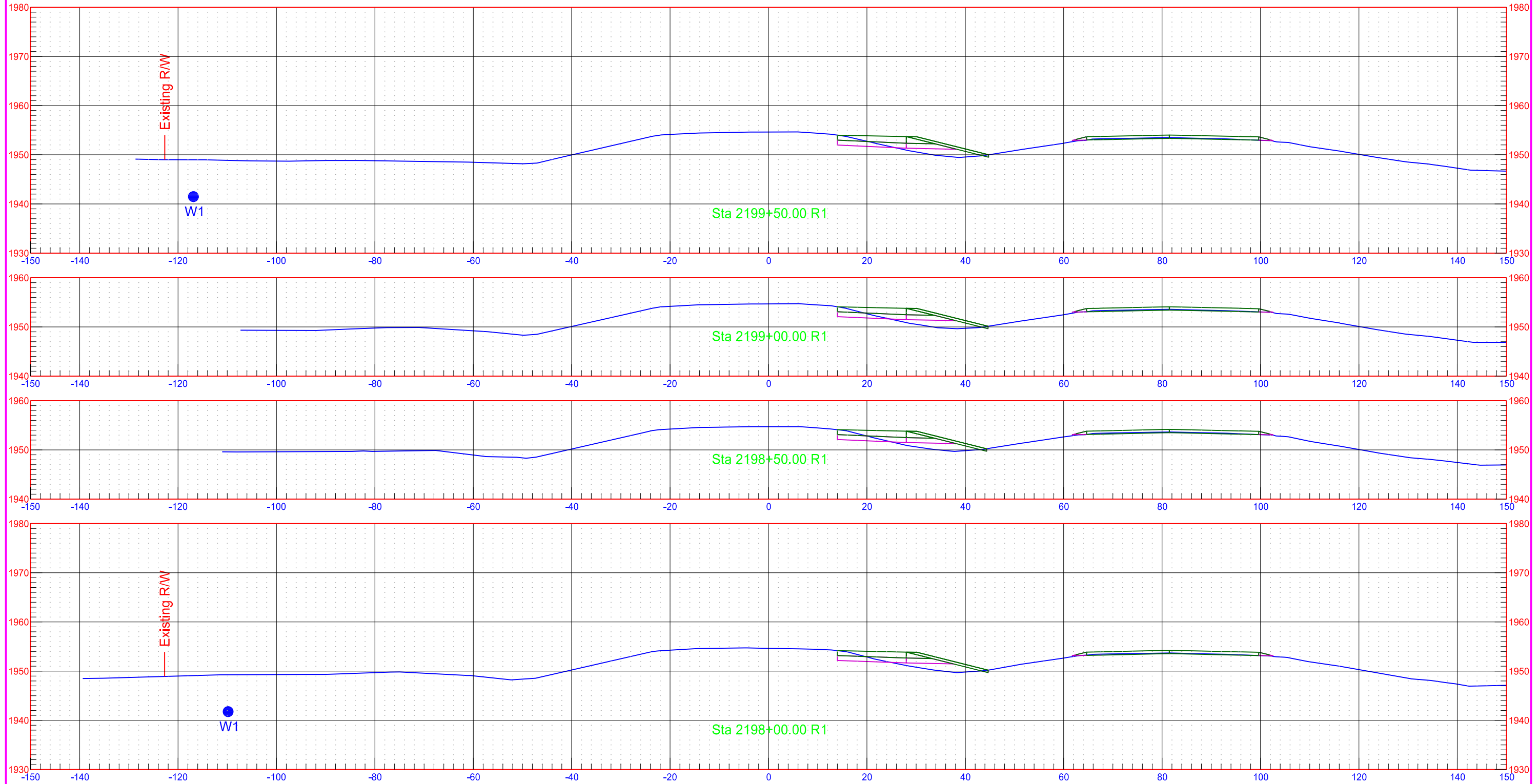
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	29



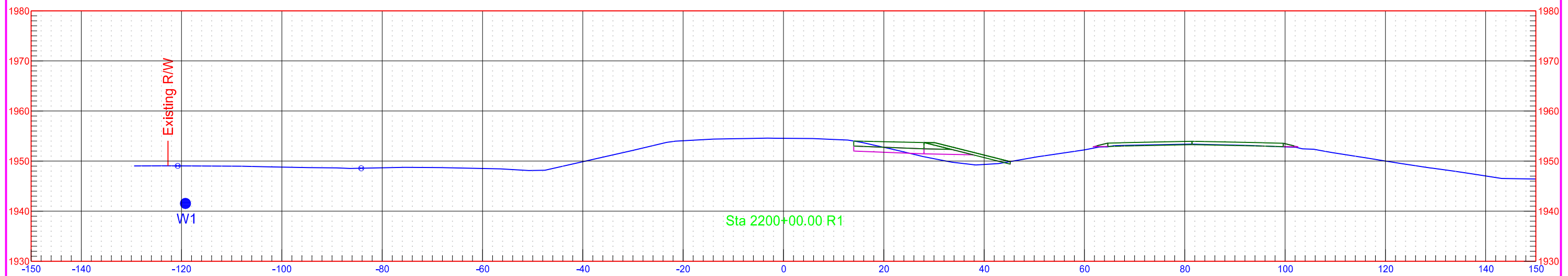
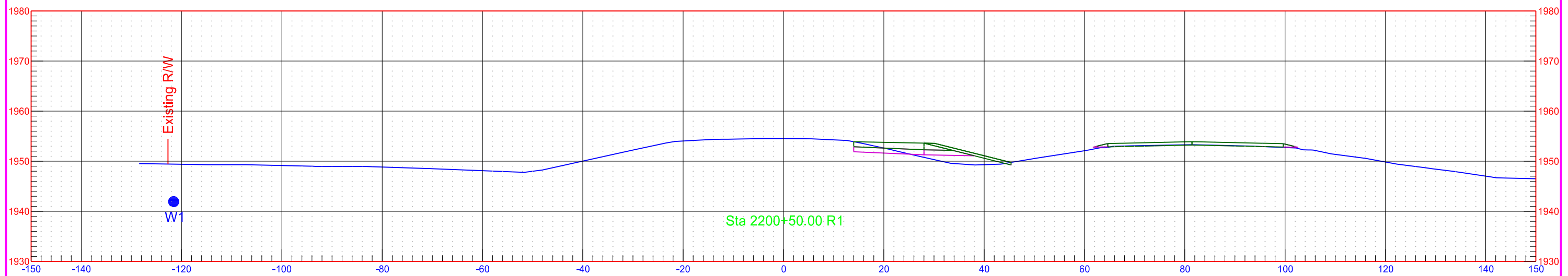
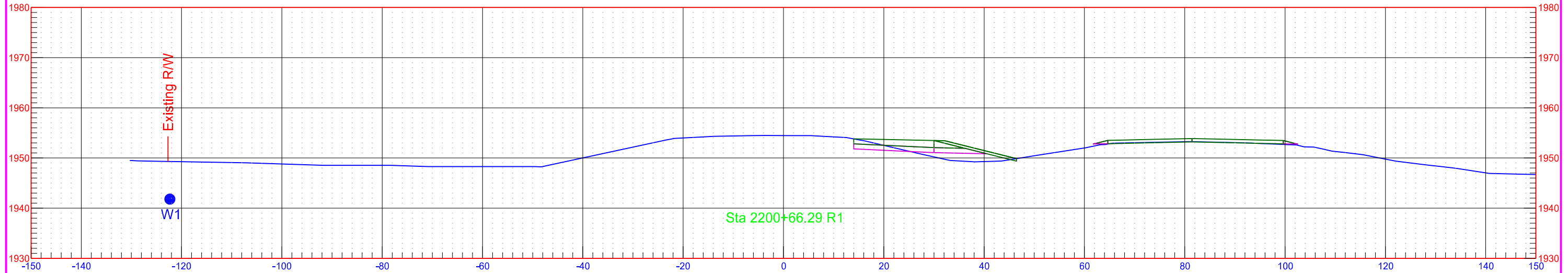
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
All Facility locations shown are approximate.
Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	30



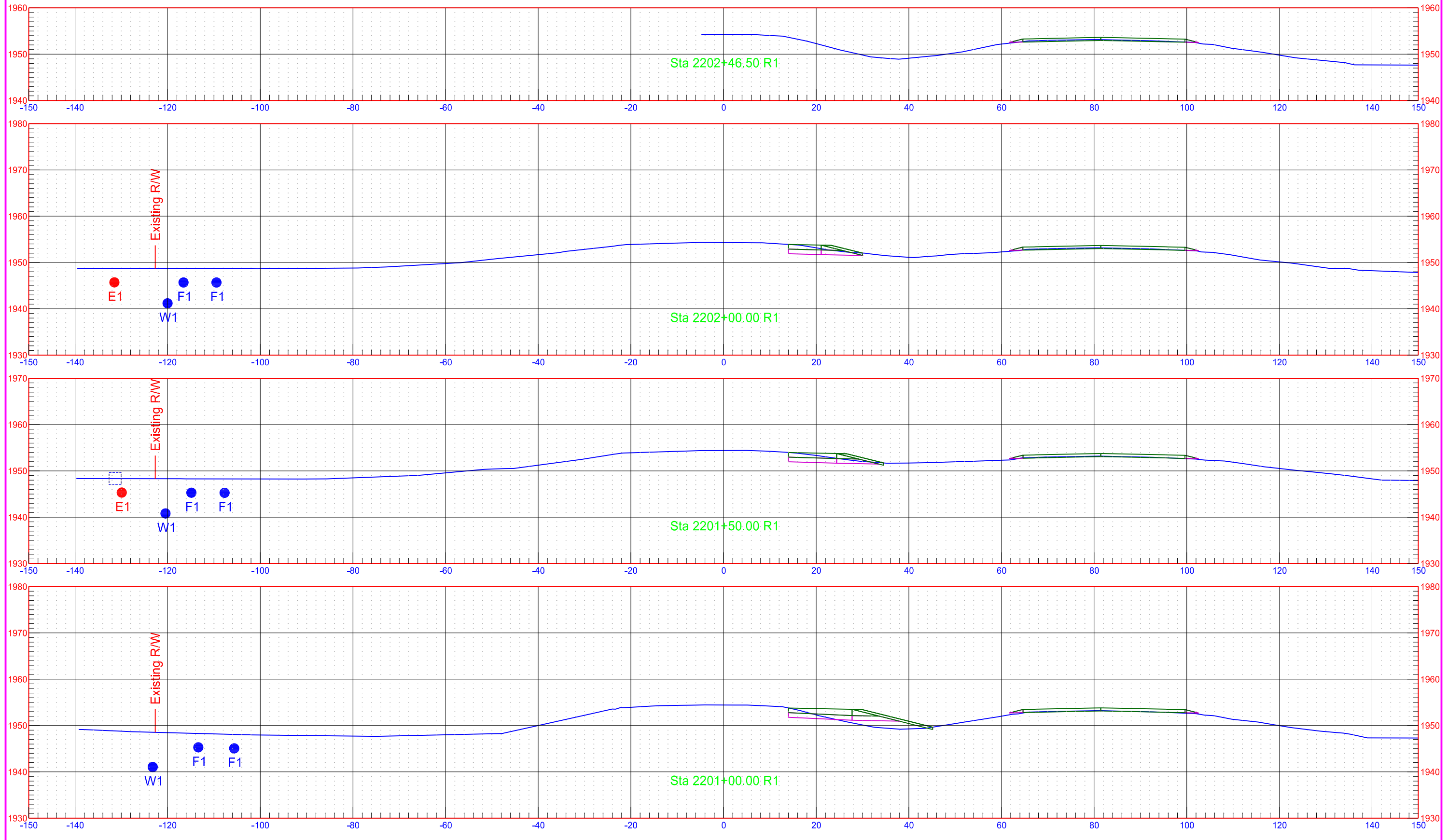
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
 All Facility locations shown are approximate.
 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	31



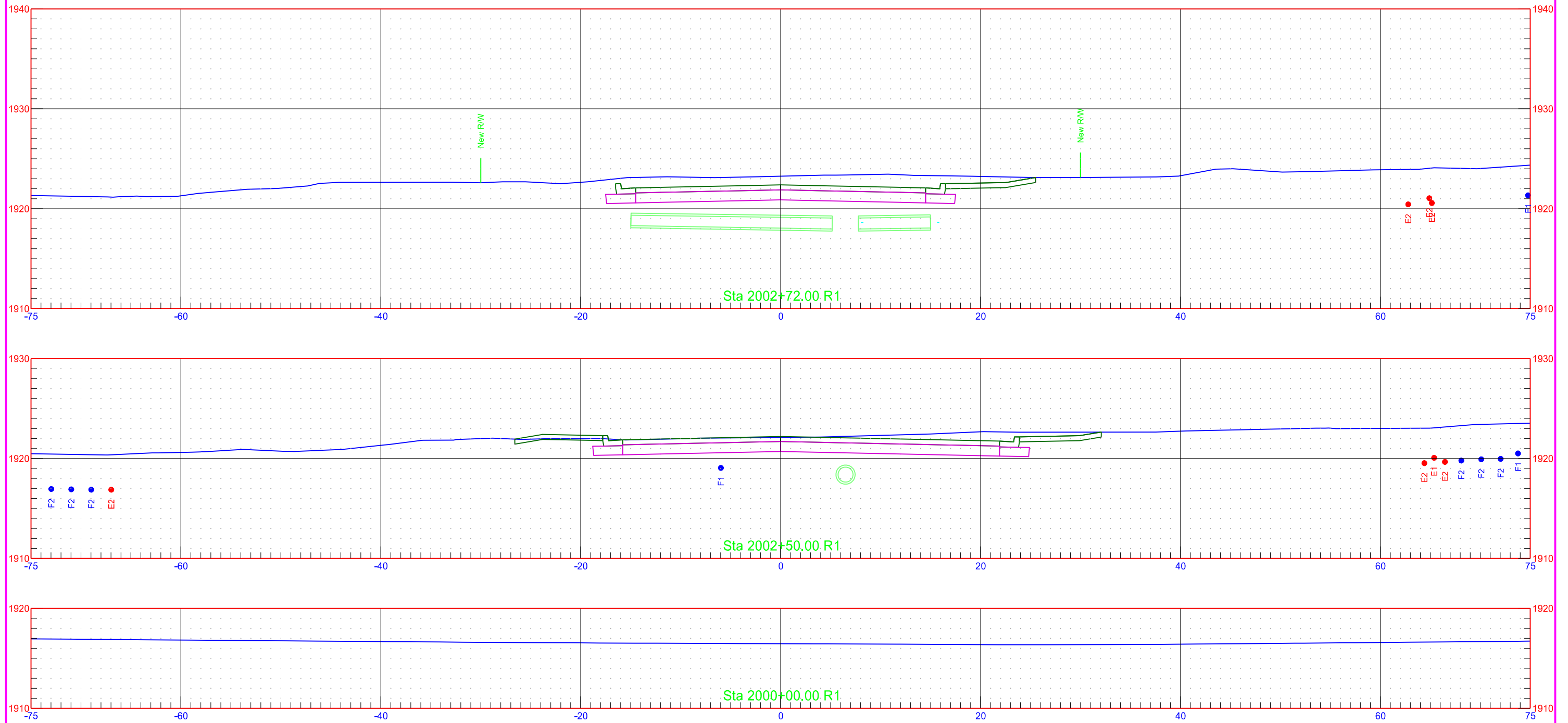
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
 All Facility locations shown are approximate.
 Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	32



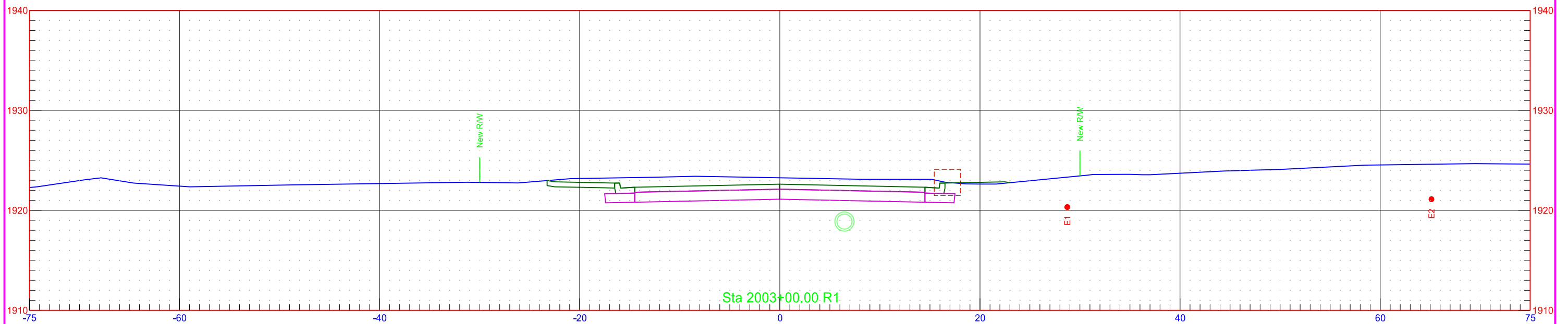
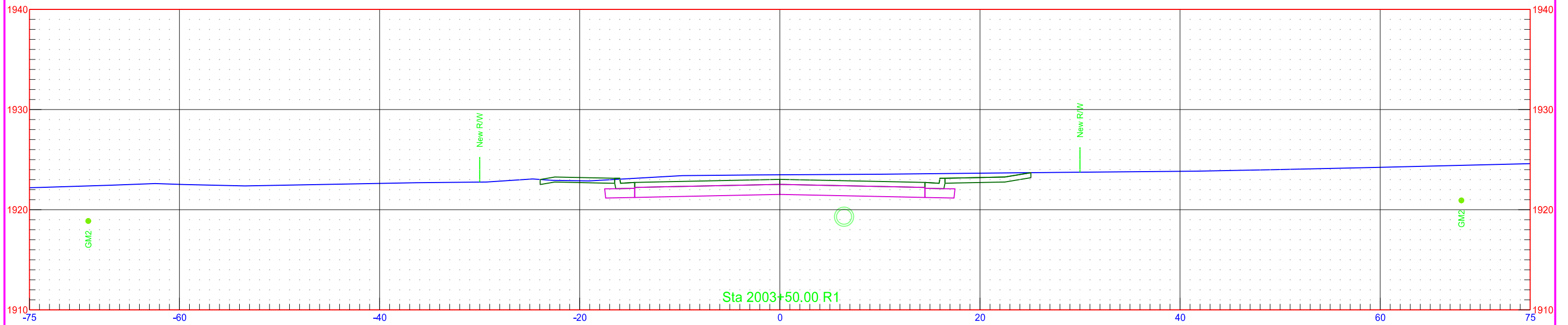
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	33



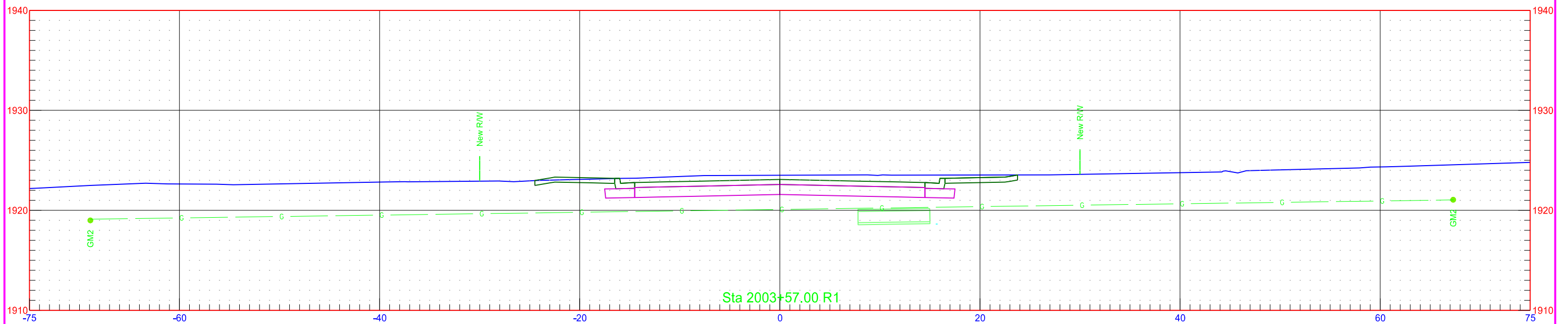
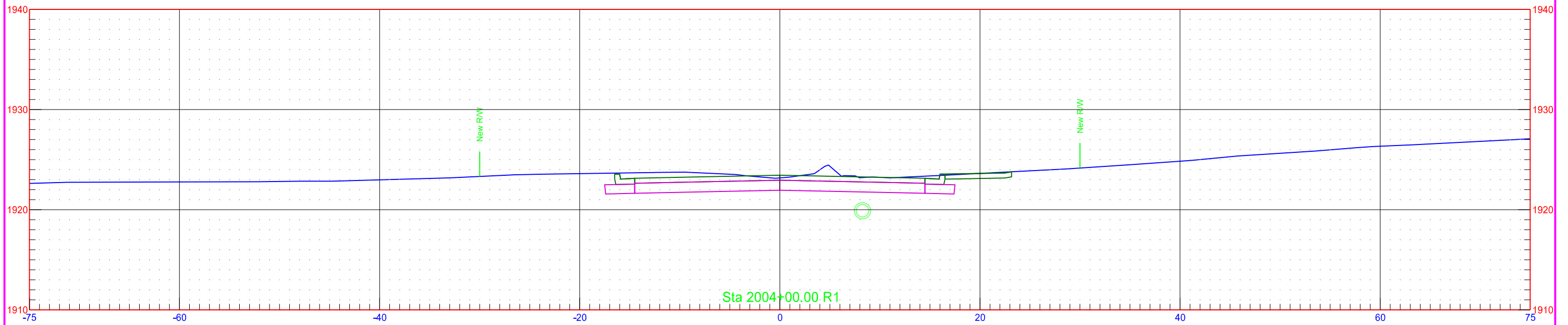
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
All Facility locations shown are approximate.
Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	34



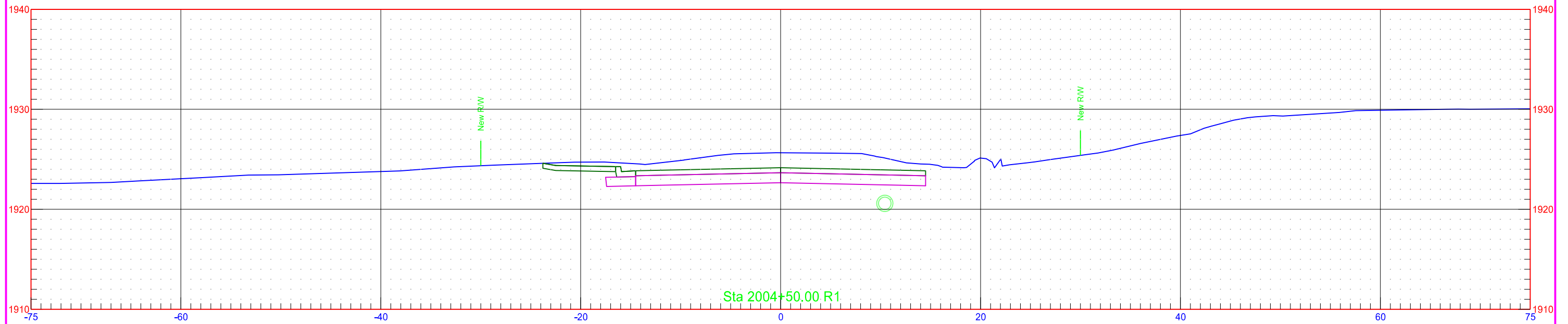
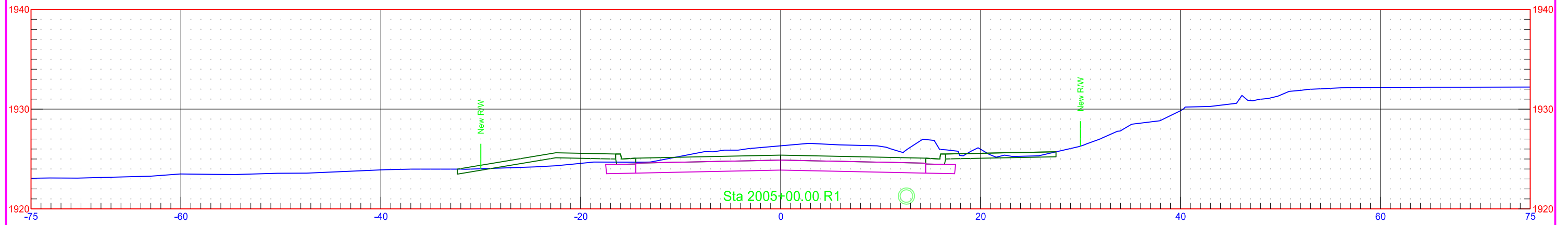
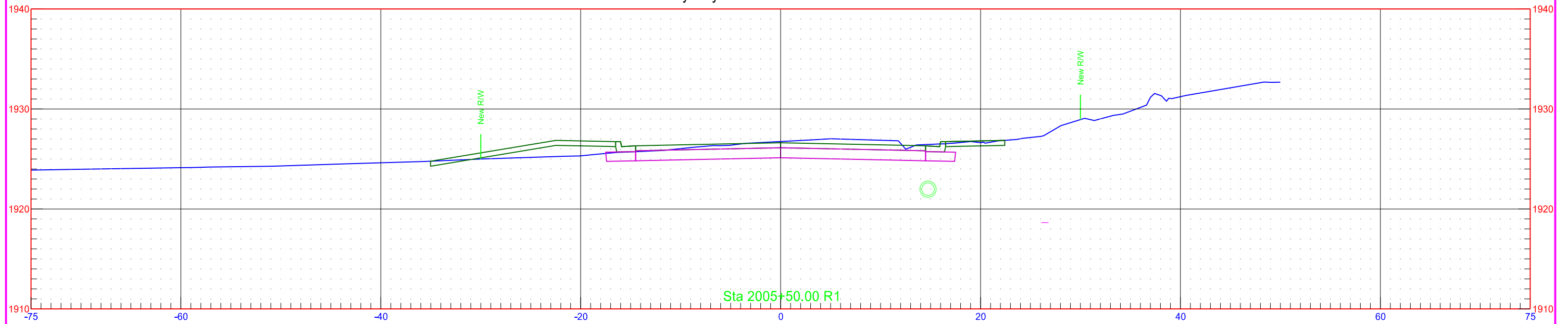
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
All Facility locations shown are approximate.
Actual Locations may vary.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	35



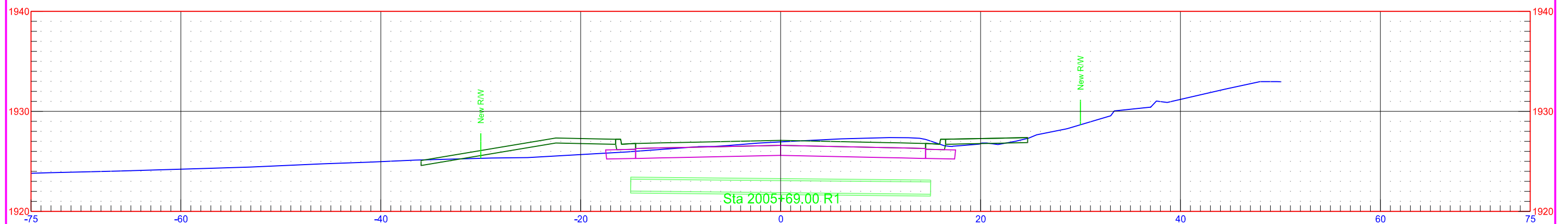
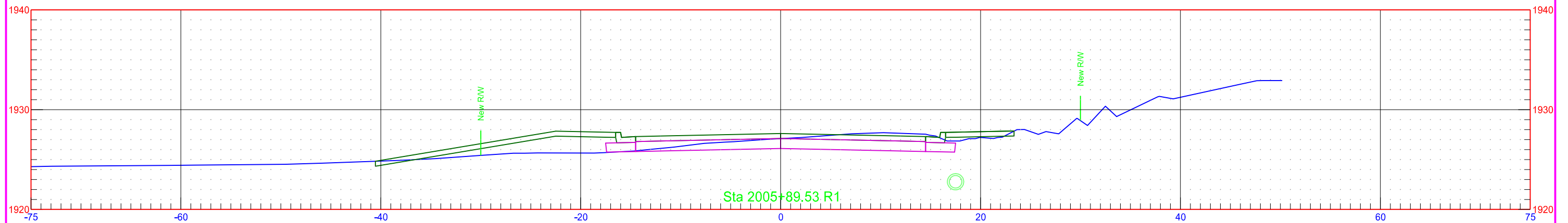
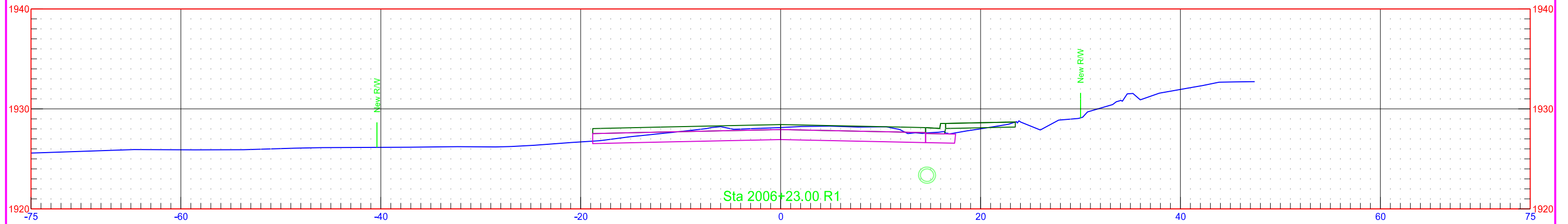
PRELIMINARY - This Document is preliminary and not for construction or implementation purposes.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	36



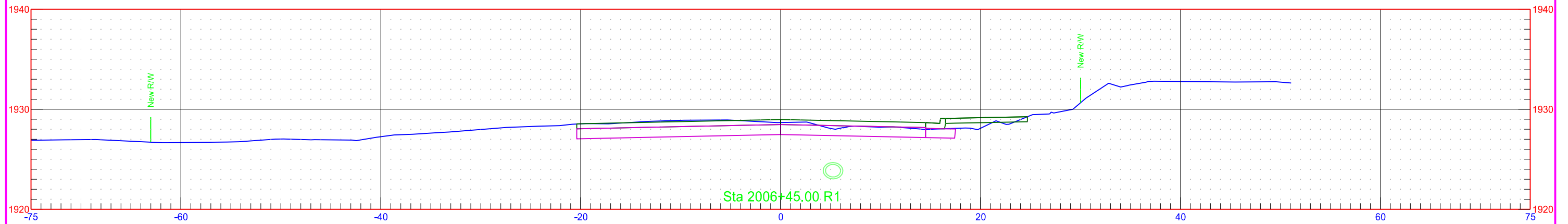
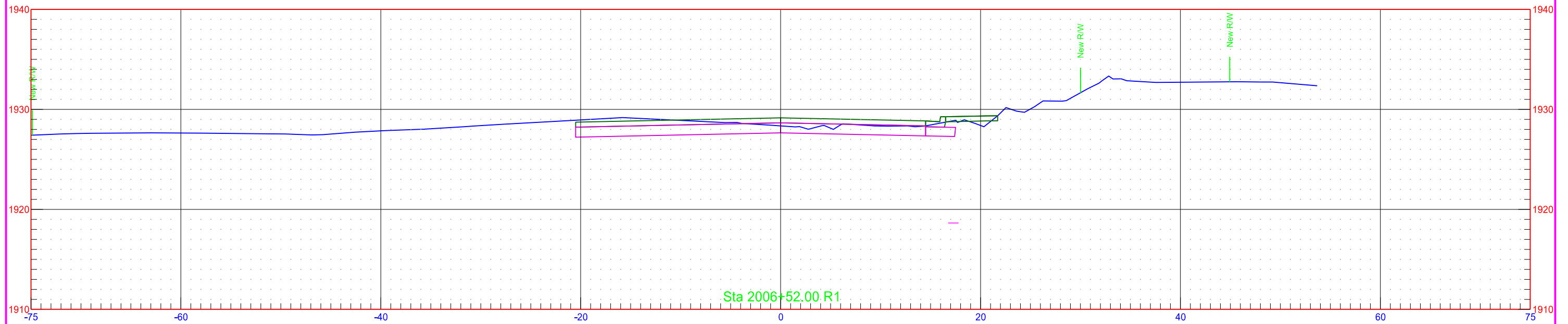
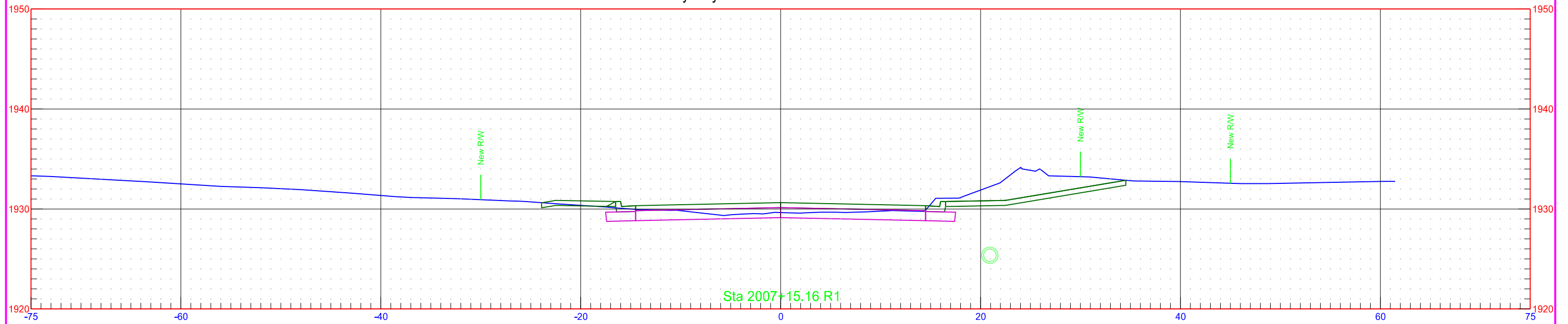
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All Facility locations shown are approximate.
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	37



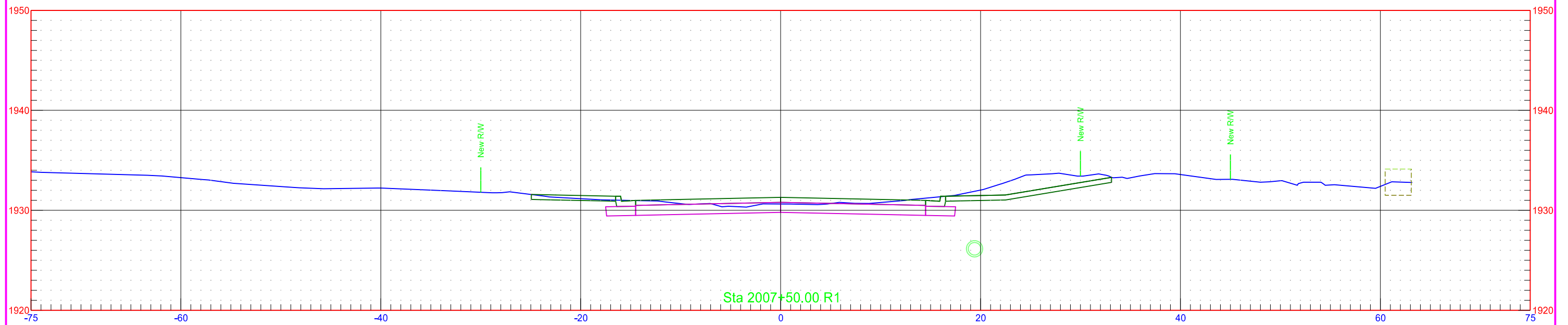
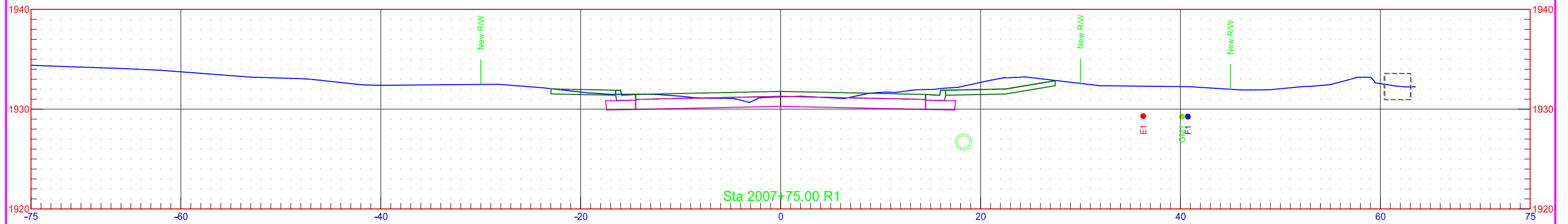
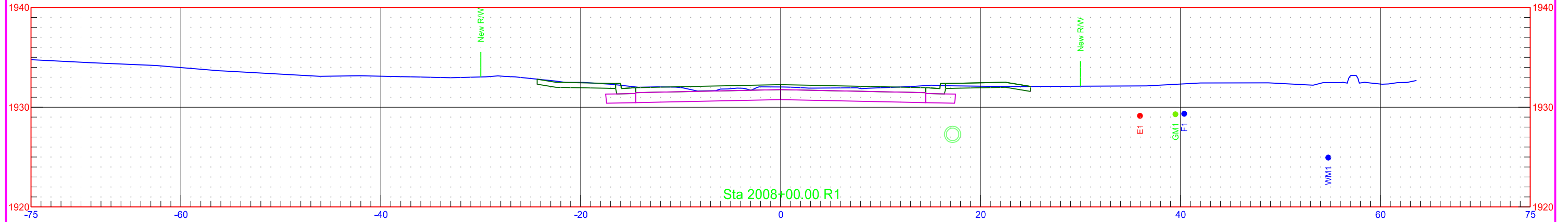
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	38



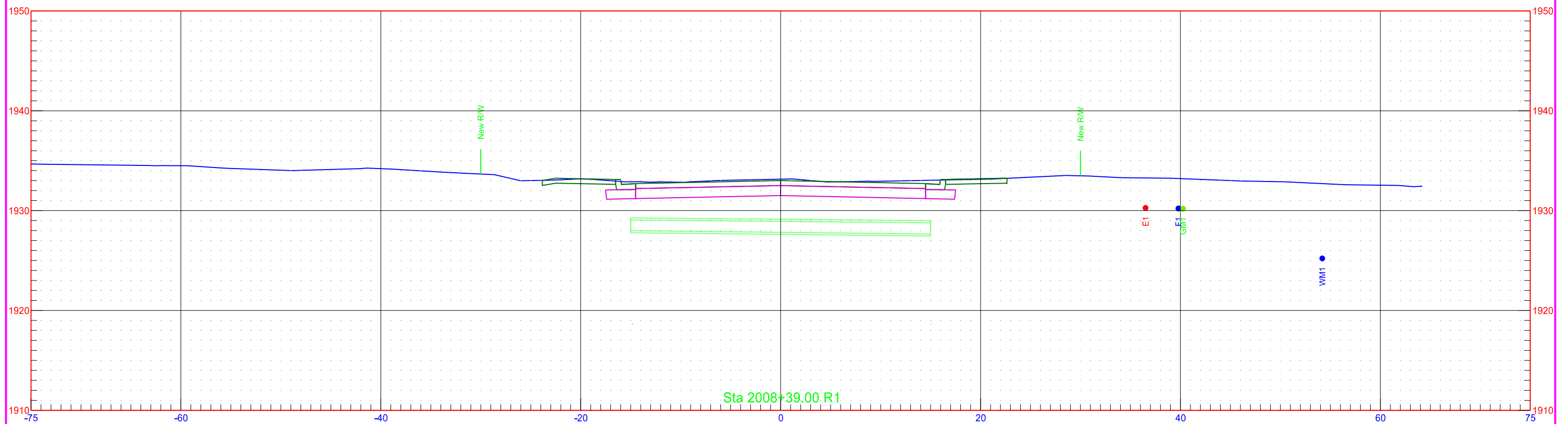
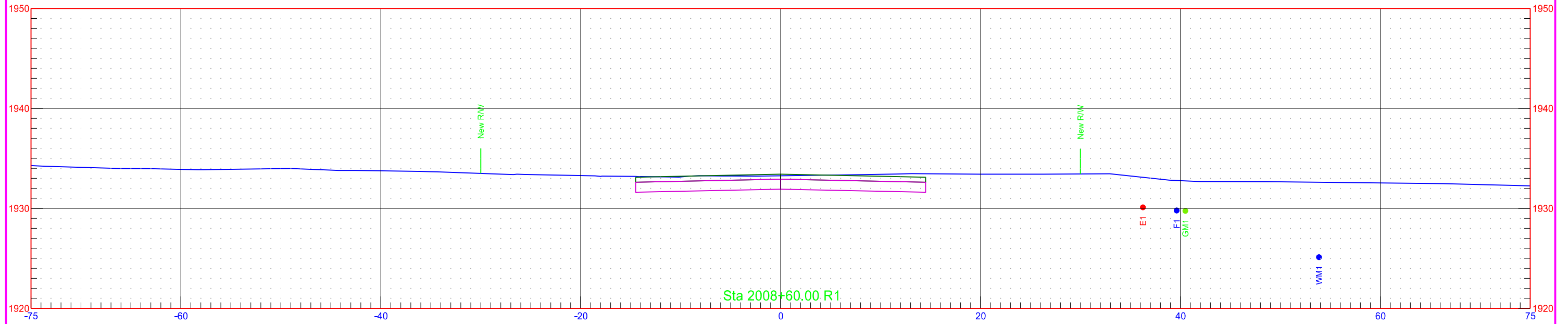
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	39



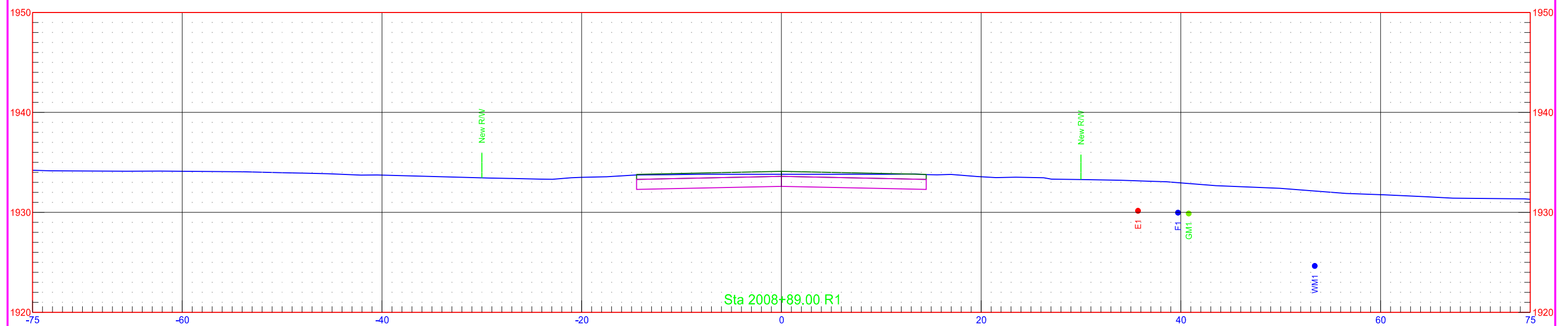
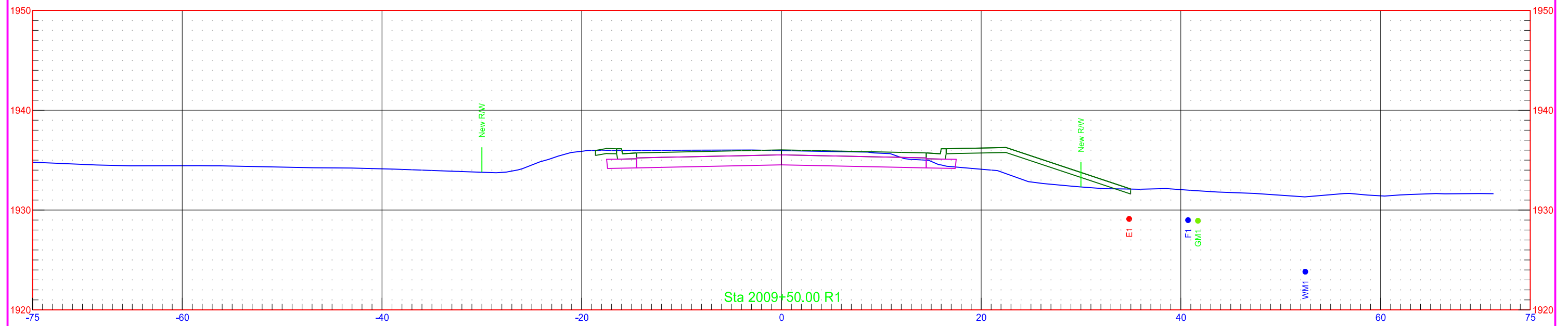
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	40



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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	41



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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-NHU-7-002(156)022	200	42

