Item #	RP	P&P Sh #	Cross Section Sht #	Approx. Sta. From		Approx. Sta. To	Approx. Qty	Location	Comments	Utility	Type of Facility	1 State, 2 Utility	Offset	Not/Reimbursable
MDU1	919.87	1	N/A	1048+66 lt	to	1049+38 rt	181	In Right of way	**Requires relocation or to adjust new height**	Montana-Dakota Utility	Overhead wires	2	Crosses CL	Not reimbursable
MIDCO1	919.87	1	N/A	1049+24	to	1049+24	1	In Right of way	**May require relocation within right of way or to a new depth**	Mid-Continental Cable	Buried Telephone Line	2	Right	Not reimbursable

	RP	P&P Sh		Station	
EX94B	919.87	1		1049+31	Begin Project
	920.33	2		1073+63	
	920.47	3		1087+72	End Project

Plan Sheet #'s				
1	40th Ave	1047+00	to	1052+00
2	46th Ave	1071+00	to	1077+00
3	EX94B	1074+00	to	1089+00

Contact information for Utility Facilities with or without Conflicts

CenturyLink, 1101 16th Street NE, Mandan, ND 58554	Connie Kassian	(701)222-6889	connie.kassian@centurylink.com
City of Mandan 205 Second Avenue NW, Mandan, ND	Justin Froseth	(701)667-3227	jfroseth@cityofmandan.com
Dakota Carrier Network, PO box 2482 Fargo, ND 58108	Evan Hass	(701) 364-1300	ehass@dakotacarrier.com
Windstreem Communication 2911 Fiechtner Drive, Fargo, ND 58103	Dean Fairaizl	(701)234-1776	Dean.Fairaizl@windstream.com
Missouri West Water System 2816 37th St NW, Mandan, ND 58554	Barry Schultz	(701)663-8549	bschulz@missouriwest.com
State Water Commision 900 E Boulevard Ave #770, Bismarck, ND 58505	Todd Sando	(701)328-4942	tsando@nd.gov
WBI Energy Transmission, Inc. 2010 Montana Ave, Glendive, MT 59330	Wade Nielsen	(406)-359-7202	Wade.Nielsen@WBIEnergy.com

Utility Company Name and Address with known conflicts

Midcontinent Communications - 719 Memorial Highway, Bismarck, North Dakota 58504	Bill Boyd	(701) 224-0897 x133	Bill_Boyd@mmi.net
Montana Dakota Utilities - 400 North Fourth Street, Mandan, ND 58601	Kenneth Paul	(701)222-7685	Ken.Paul@MDU.com

TO BE FILLED OUT BY UTILITY COMPANIES INVOVLED					Conflicts Yes or No	Utilities Comments	Utility Company
Area #	Sec	Twp	Rge	Description			
B-1	31	139N	80W	SE 1/4			
B-2	36	139N	81W	SW 1/4			

DESIGN DATA				
Traffic: I-94B	Average Daily			
Current: 2014	Pass: 16,035	Trucks: 460	Total: 16,495	
Forecast	Pass:	Trucks:	Total:	
Clear Zone Distance: 16 feet		Design Speed: 40 mph		
Minimum Sight Dist. for Stopping:		Bridges:		
Sight Dist. for No Passing Zone:				
Pavement Design Life (years)				
Design Accumulated One-way ESALs:				

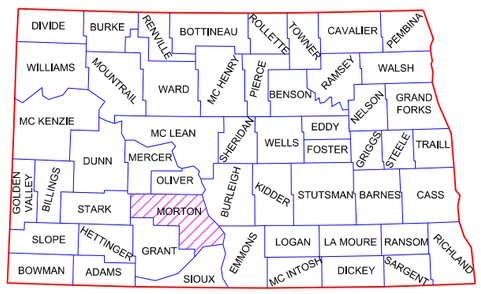
STATE	PROJECT NO.	PCN	SECTION NO.	SHEET NO.
ND	SU-1-094(170)919	20591	1	1

JOB
NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION

SU-1-094(170)919 & PCN 20591
T 139 N, R 80 W, Section 31
FHWA Project of Division Interest (PODI)
Morton County
I-94B (Memorial Highway)
From I-194 East Ramp to 40th Avenue
Traffic Signals

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
SU-1-094(170)919	0.199	0.761



STATE COUNTY MAP

DESIGNERS

DISTRICT REVIEW

APPROVED DATE _____

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 _____

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

PRELIMINARY

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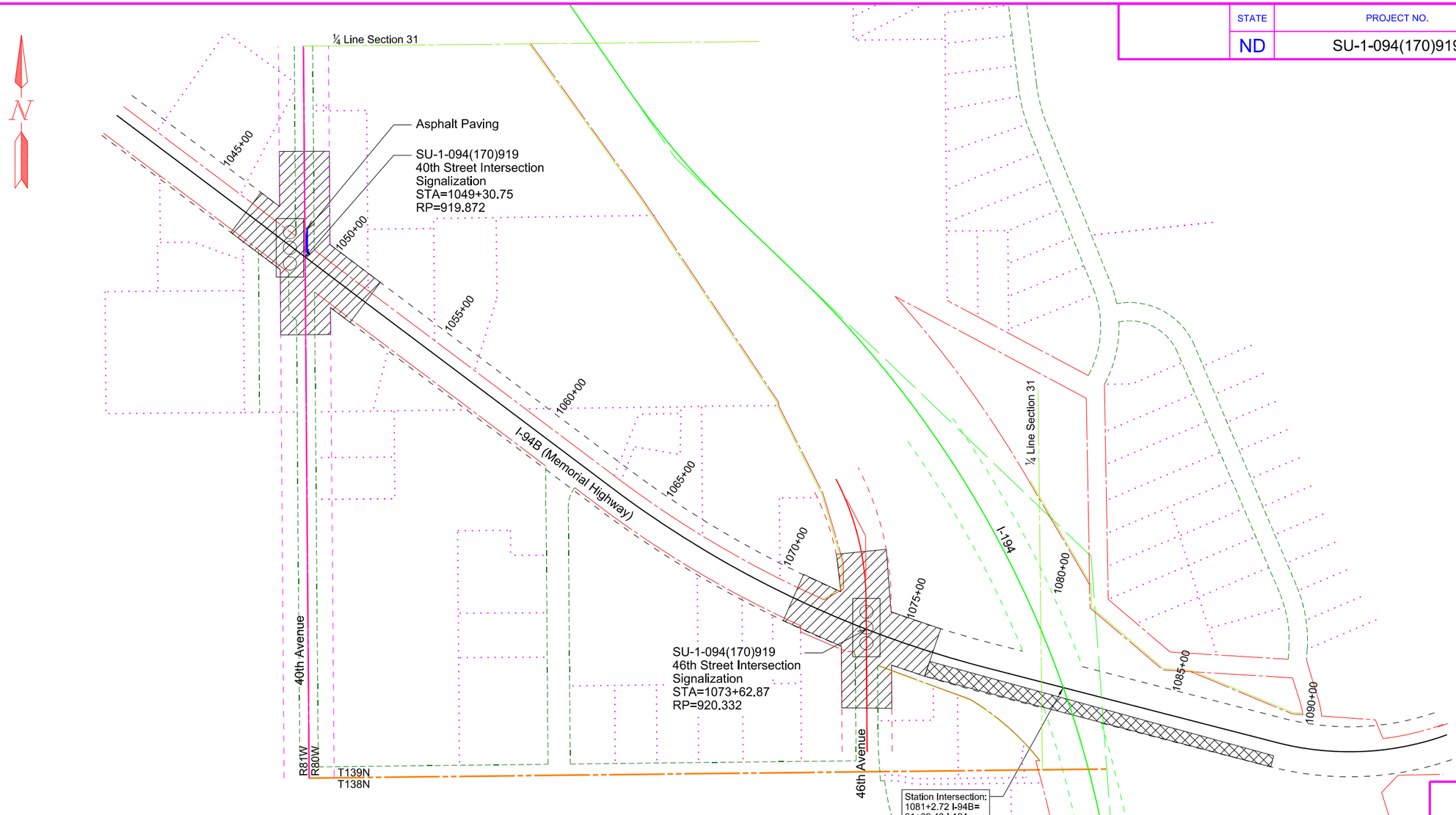
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SU-1-094(170)919	4	1



Signal Interconnect

Signing and Striping

Signal

Asphalt Paving

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

PRELIMINARY

Scope of Work

Memorial Highway Signalization

Mandan, ND

	STATE	PROJECT NO.	SEC	SHEET NO.
	ND	SU-1-094(170)919	NA	1

Conflict with
Buried electric line,
utility company to
relocate or adjust
at own expense

Conflict with
Fiber optic line,
utility company to
relocate or adjust
at own expense

Conflict with
Buried telephone line,
utility company to
relocate or adjust
at own expense

Conflict with
Gas line,
utility company to
relocate or adjust
at own expense

Conflict with
Overhead utility line,
utility company to
relocate or adjust
at own expense

Conflict with
Buried electric line,
utility company to
relocate or adjust
billable to NDDOT

Conflict with
Fiber Optic line,
utility company to
relocate or adjust
billable to NDDOT

Conflict with
Buried telephone line,
utility company to
relocate or adjust
billable to NDDOT

Conflict with
Buried electric line,
utility company to
relocate or adjust
billable to NDDOT

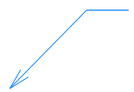
Conflict with
Mid-Cont. facality,
utility company to
relocate or adjust
billable to NDDOT

Conflict with
Utility Pole,
utility company to
relocate or adjust
at own expense

Conflict with
Utility Pole anchor,
utility company to
relocate or adjust
at own expense

Conflict with
Utility Pole,
utility company to
relocate or adjust
billable to NDDOT

Conflict with
Utility Pole anchor,
utility company to
relocate or adjust
billable to NDDOT

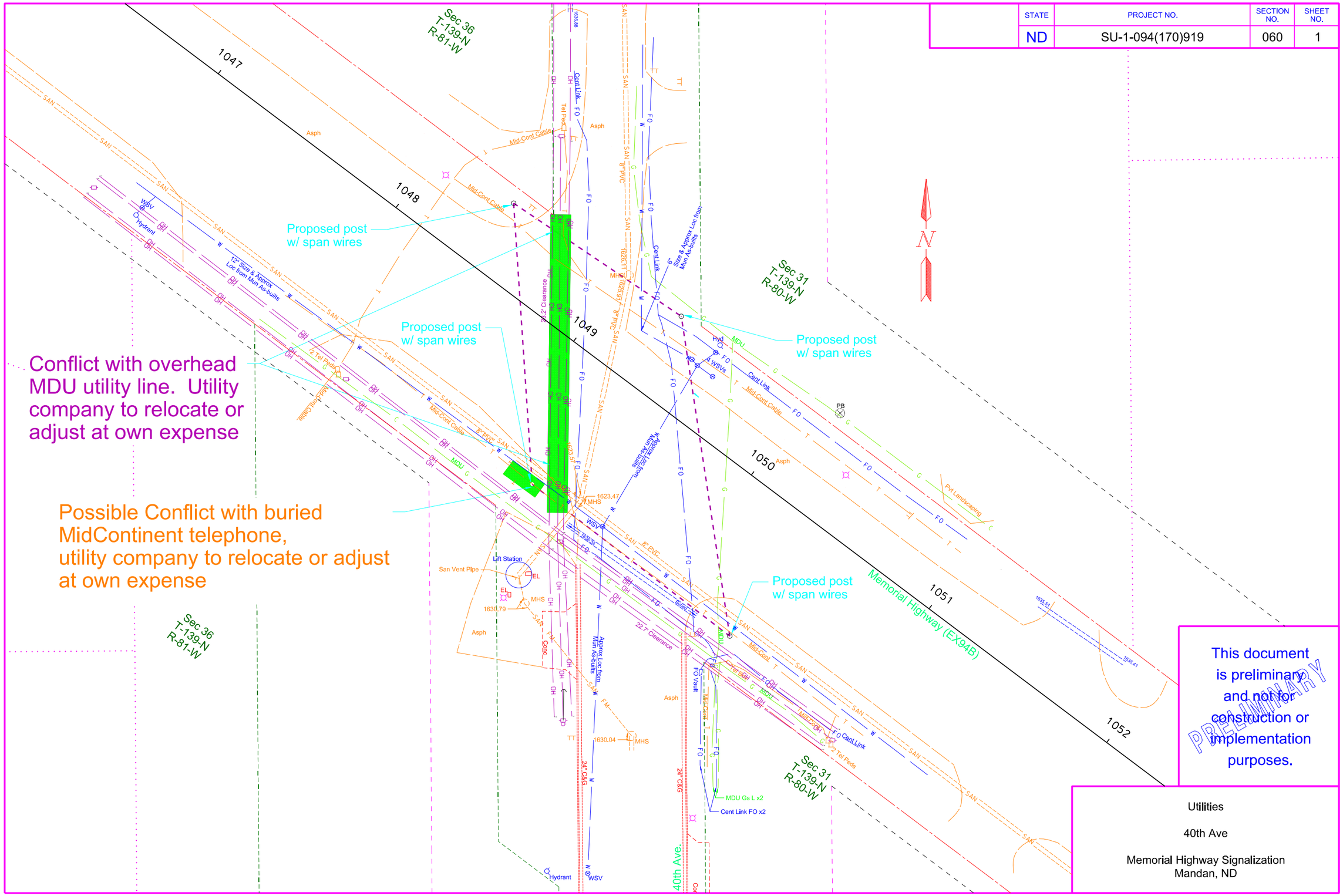


No Conflict with
NDDOT, contractor
to leave existing
earth around pole

Utility Conflict Legend Sheet

ND 21 and 22 Safety Improvements

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SU-1-094(170)919	060	1



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PRELIMINARY

Utilities

40th Ave

Memorial Highway Signalization
Mandan, ND

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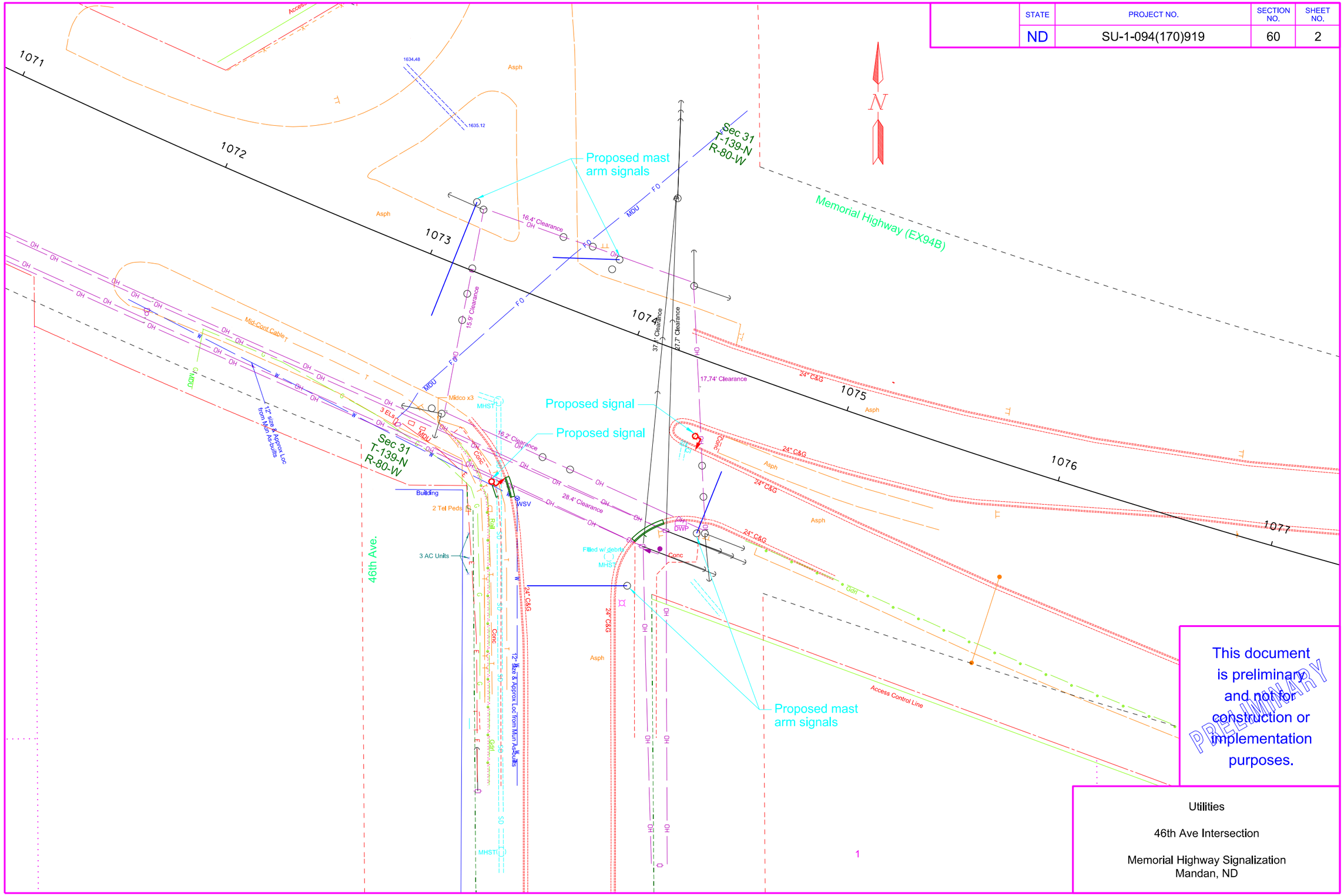
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SU-1-094(170)919	60	2



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PRELIMINARY

Utilities

46th Ave Intersection

Memorial Highway Signalization
Mandan, ND

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SU-1-094(170)919	60	3

Sec 31
T-139-N
R-80-W

MOU

I-94 B (MEMORIAL HIGHWAY)

Scale: 1"=100'

Access Control Line

Station1074+60.5, 102' RT
Proposed controller/cabinet

Proposed underground interconnect between traffic control boxes

Pull Box
1079+26, 139' RT

Pull Box
1080+19, 133' RT

Bridge

WEST BAY ESTATES
3RD ADDITION

1/4 Cor
N: 416205.72
E: 1886686.92

Pull Box
1085+75, 124' RT

Pull Box
1087+61, 101' RT

Station 1087+72, 98' RT
Existing conroller/cabinet

Sec 31
T-139-N
R-80-W

Pull Box Locations	
Station	Offset
1079+26	139' RT
1080+19	133' RT
1085+75	124' RT
1087+61	101' RT

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PRELIMINARY

Utilities

Memorial Highway Signalization

Mandan, ND

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