



# North Dakota Department of Transportation

Grant Levi, P.E.  
*Director*

Jack Dalrymple  
*Governor*

October 5, 2015

## ADDENDUM 5 – JOB 13

TO: All prospective bidders on project SHE-2-999(040), Job No. 13 scheduled for the October 9, 2015 bid opening.

The following plan revisions shall be made:

Plan Revision:

**See attached Summary from Damon K. DeVillers, PE – Interstate Engineering, dated October 5, 2015 for an explanation.**

This addendum is to be incorporated into the bidder's proposal for this project.

*For* 

CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER  
80:plm  
Enclosure



October 5, 2015

ADDENDUM 5 JOB 13

TO: All prospective bidders on Project SHE-2-999(040); PCN 20640, Job #13, scheduled for the October 9, 2015 bid opening.

The following plan revision shall be made:

Plan Revision:

Remove and Replace Sheet 2-1 with the enclosed sheet.

Sheet 2 – 1: “Sign Details” changed from sheet no. 58-131 to sheet no. 58-132

Insert sheet 110-132 into plan set

Sheet 110 – 132: North Dakota Route Marker Detail

This addendum is to be incorporated into the bidder’s proposal for this project.

*Damon DeVillers*

Damon K. DeVillers, PE – Design Engineer

DKD:jjjs  
Enclosure

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SHE-2-999(040)	2	1

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6	1	Notes
6	2-3	Environmental Commitments
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100	1	Traffic Control Device List
110	1-17	Sign Summary
110	18-57	Signing Removals & Signing Layout, Wetland Locations
110	58-132	Signing Details

LIST OF SPECIAL PROVISIONS (SP)

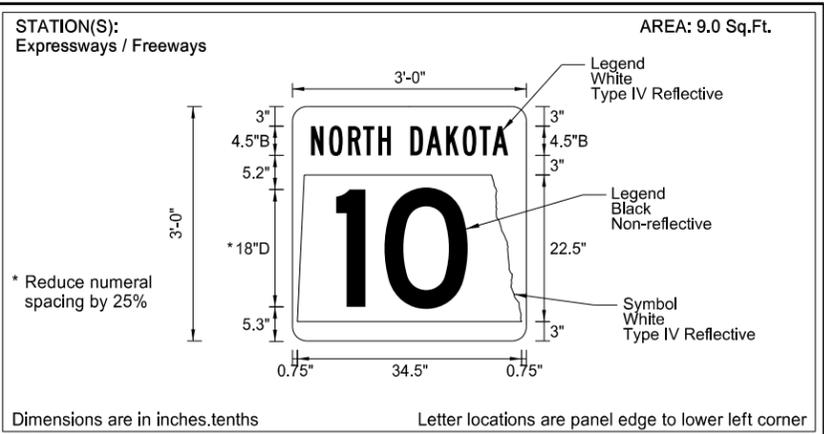
<u>SP #</u>	<u>Description</u>
SP 5000(014)	Permits and Environmental Considerations

LIST OF STANDARD DRAWINGS

<u>Standard No.</u>	<u>Description</u>
D-101-01,2,3	NDDOT Abbreviations
D-101-10	NDDOT Utility Company and Organization Abbreviations
D-101-20,21	Line Styles
D-101-30,31,32	Symbols
D-704-7	Breakaway Systems for Construction Zone Signs – Perforated Tube
D-704-8	Breakaway Systems for Construction Zone Signs – U-Channel Post
D-704-9	Construction Sign Details –Terminal and Guide Signs
D-704-10	Construction Sign Details – Regulatory Signs
D-704-11	Construction Sign Details – Warning Signs
D-704-12	Shoulder Closure Tapers
D-704-13	Barricade and Channeling Device Details
D-704-14	Construction Sign Punching and Mounting Details
D-704-23	Short Term Urban Detour and Lane Closure on a Divided Highway Layout
D-704-24	Shoulder Closures and Bridge Painting Layouts
D-704-50	Portable Sign Support Assembly
D-754-1	Assembly Details (Pipe or W-Shape)
D-754-2	Breakaway Coupler System for Standard Pipe – Stub Post
D-754-3	Breakaway Base and Foundation Details Stub Post Connection (Pipe)
D-754-4	Multi-Directional Breakaway Base
D-754-5	Foundation Data for Steel Supports
D-754-6	Hinge Plate Details-Perforated Fuse Plate Detail
D-754-7	Mounting, Post Cap and Panel Details
D-754-9	Letter and Arrow Details for Variable Length Signs
D-754-12	Breakaway Coupler System – Structural Details for W-Shape Supports
D-754-13	Structural Details W-Shape Supports
D-754-14	Wind Beams and Anchor Plates for W-Shape Supports
D-754-23	Perforated Tube Assembly Details
D-754-24	Mounting Details Perforated Tube
D-754-24A	Breakaway Coupler System for Perforated Tubes
D-754-25	Mounting Details Perforated Tube
D-754-47	Sign Punching, Stringer, and Support Location Details for Variable Length Signs
D-754-48	Sign Punching, Stringer, and Support Location Details for Variable Length Signs
D-754-49	Sign Punching, Stringer, and Support Location Details for Variable Length Signs
D-754-55	Sign Punching, Stringer, and Support Location Details – Route Marker Signs

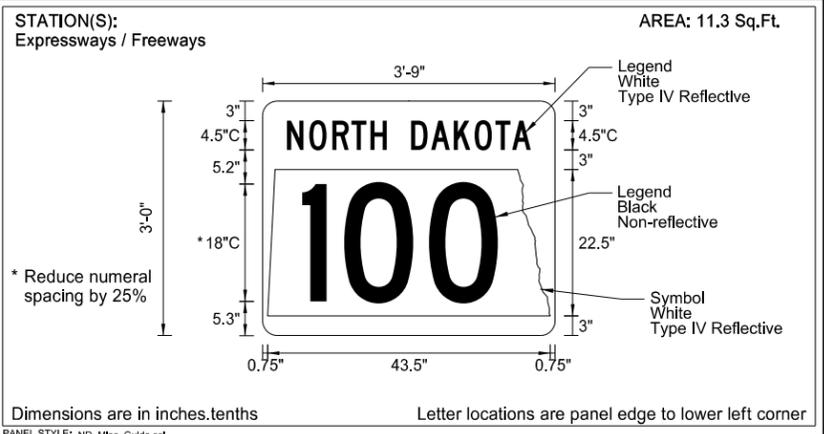
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Damon K. DeVillers,  
Registration Number  
PE-3523,  
On 10/5/2015 and the original document is stored at  
The North Dakota Department  
Of Transportation.

SIGN NUMBER	M1-5-36
WIDTH x HEIGHT	3'-0" x 3'-0"
BORDER WIDTH	0" (inset 0")
CORNER RADIUS	2.25"
MOUNTING	Ground
BACKGROUND	TYPE: Non-reflective COLOR: Black
LEGEND/BORDER	TYPE: Non-refl / IV Reflective COLOR: Black/White
SYMBOL	X Y WID HT ANGLE
ND_1-2	0.8 3 34.5 22.5 0



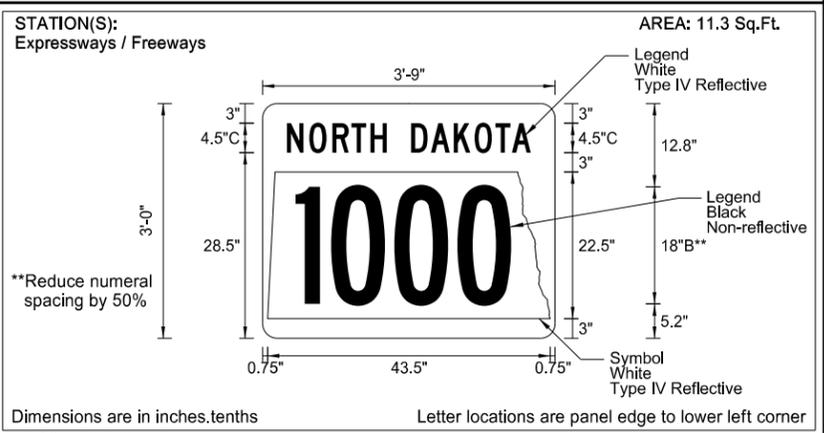
LETTER POSITION (X)											LENGTH	SIZE	SERIES	
N	O	R	T	H	D	A	K	O	T	A		30.3	4.5	B 2000
2.8	5.6	8.6	10.9	13.2	18.1	20.6	23.6	26.2	28.7	30.7				
1	0											Varies	18	D 2000
(A)	(A)													

SIGN NUMBER	M1-5-45
WIDTH x HEIGHT	3'-9" x 3'-0"
BORDER WIDTH	0" (inset 0")
CORNER RADIUS	2.25"
MOUNTING	Ground
BACKGROUND	TYPE: Non-reflective COLOR: Black
LEGEND/BORDER	TYPE: Non-refl / IV Reflective COLOR: Black/White
SYMBOL	X Y WID HT ANGLE
ND_3-4	0.8 3 43.5 22.5 0

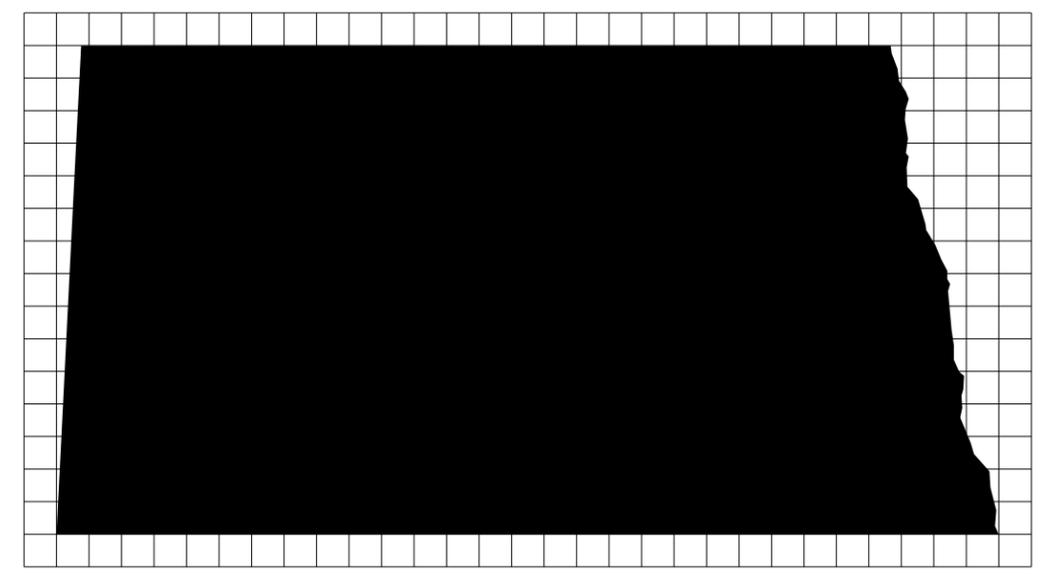


LETTER POSITION (X)											LENGTH	SIZE	SERIES	
N	O	R	T	H	D	A	K	O	T	A		37.5	4.5	C 2000
3.8	7.2	10.7	13.7	16.6	22.8	25.9	29.4	32.6	35.8	38.4				
1	0	0										Varies	18	C 2000
(A)	(A)	(A)												

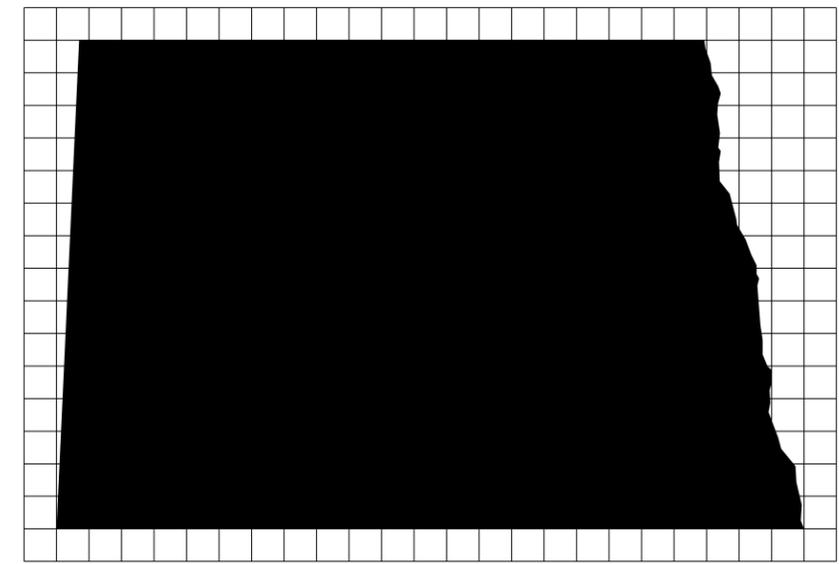
SIGN NUMBER	M1-5-45
WIDTH x HEIGHT	3'-9" x 3'-0"
BORDER WIDTH	0" (inset 0")
CORNER RADIUS	2.25"
MOUNTING	Ground
BACKGROUND	TYPE: Non-reflective COLOR: Black
LEGEND/BORDER	TYPE: Non-refl / IV Reflective COLOR: Black/White
SYMBOL	X Y WID HT ANGLE
ND_3-4	0.8 3 43.5 22.5 0



LETTER POSITION (X)											LENGTH	SIZE	SERIES	
N	O	R	T	H	D	A	K	O	T	A		37.5	4.5	C 2000
3.8	7.2	10.7	13.7	16.6	22.8	25.9	29.4	32.6	35.8	38.4				
1	0	0	0									Varies	18	B 2000
(A)	(A)	(A)	(A)											



ND 3-4



ND 1-2

Note: Contact NDDOT Design Division for the North Dakota symbol.

This document was originally issued and sealed by Damon K. DeVillers, Registration Number PE- 3523 , on 10/5/2015 and the original document is stored at the North Dakota Department of Transportation

Sign Details  
ND Route Markers  
Expressways and Freeways

(A) Optically space numerals about vertical centerline.