



# North Dakota Department of Transportation

Grant Levi, P.E.  
Director

Jack Dalrymple  
Governor

November 4, 2015

## ADDENDUM 1 – JOB 16

TO: All prospective bidders on project NHU-CNOC-1-981(109)119, Job No. 16, scheduled for the November 13, 2015 bid opening.

The following plan and request for proposal revisions shall be made:

Plan Revisions:

**See attached summary from Todd C. Kempker, PE; Bartlett & West, dated November 2, 2015 for an explanation.**

Request for Proposal Revisions:

**Remove and replace page 10 of 12 of the Proposal pages located at the beginning of the Request for Proposal, with the enclosed pages revised 11/3/2015.**

Page 10 of 12:

Item 754 0168 DELINEATOR-TYPE D has been deleted, quantity 36 EA.

Item 754 0193 FLEXIBLE DELINEATORS-TYPE D has been added, quantity 36 EA.

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

Expedite bid files should be updated by downloading the addendum file from the Bid Express on-line bidding exchange at <http://www.bidx.com/> or the Department's web page (<http://www.dot.nd.gov>) and load it into the Expedite program.

CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER

80:dch

Enclosure



November 2, 2015

**ADDENDUM 1 JOB 16**

TO: All prospective bidders and suppliers on Project NHU-CNOC-1-981(109)119 scheduled for the November 13, 2015 bid opening.

Please incorporate the following revisions into the plans for the referenced project:

Plan Revisions:

**Remove and replace sheets 6-2, 8-1, 20-2, 110-3 and 110-4 with the enclosed sheets.**

Sheet No. 6-2: Note 754-P01 has been added

Sheet No. 8-1: Spec, Code, and Description changed to "754-0193 Flexible Delineators – Type D"  
(previously "754-0168 Delineator – Type D")

Sheet No. 20-2: Detail for "Flexible Delineators – Type D" added

Sheet No. 110-3: Removed note from sheet

Sheet No. 110-4: Removed note from sheet

Proposal Revision:

**Remove and replace Page 10 of the proposal located in the beginning of the Bidders Proposal with the enclosed sheet.**

Page 10: Bid item No. 50 is changed to "754-0193 Flexible Delineators – Type D" (previously "754-0168 Delineator – Type D")

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

Todd C. Kempker /s/

Todd C. Kempker, PE

Enclosures

- Revised Plan Sheet 6-2
- Revised Plan Sheet 8-1
- Revised Plan Sheet 20-2
- Revised Plan Sheet 110-3
- Revised Plan Sheet 110-4

BID ITEMS

Project: NHU-CNOC-1-981(109)119 (PCN-20955)

**Bidder must type or neatly print unit prices in numerals, make extensions for each item, and total. Do not carry unit prices further than three (3) decimal places.**

Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$\$	000	\$\$\$\$\$	00
049	754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	102.				
050	754	0193	FLEXIBLE DELINEATORS-TYPE D	EA	36.				
051	754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	989.				
052	754	0592	RESET SIGN PANEL	EA	5.				
053	754	0805	OBJECT MARKERS - CULVERTS	EA	7.				
054	762	0103	PVMT MK PAINTED-MESSAGE	SF	488.				
055	762	0430	SHORT TERM 4IN LINE-TYPE NR	LF	13,180.				
056	762	1104	PVMT MK PAINTED 4IN LINE	LF	17,402.				
057	762	1108	PVMT MK PAINTED 8IN LINE	LF	2,086.				
058	766	0100	MAILBOX-ALL TYPES	EA	4.				
059	770	0001	LIGHTING SYSTEM	EA	1.				
060	970	0001	LANDSCAPING APPURTENANCES	L SUM	1.				
			<b>TOTAL SUM BID</b>						

**NOTES**

**750-P01 COLORED CONCRETE WITH PATTERN:** DEVELOP A MIX DESIGN USING ANY SIZE COARSE AGGREGATE SPECIFIED IN SECTION 802.01 C.2, "COARSE AGGREGATE" AND WITH A 60-40 FINE AGGREGATE-COARSE AGGREGATE RATIO.

PROVIDE A PIGMENT FROM THE LIST BELOW OR PROVIDE AN APPROVED EQUAL. TO BE CONSIDERED AN APPROVED EQUAL, PIGMENTS MUST MEET THE REQUIREMENTS OF ASTM C 979.

1. NUMBER 366 NATURAL RED, PRODUCED BY SOLOMON COLORS, INC. [HTTP://WWW.SOLOMONCOLORS.COM/](http://www.solomoncolors.com/);
2. BRICK RED PIGMENT NUMBER 160, PRODUCED BY DAVIS COLORS [HTTP://WWW.DAVISCOLORS.COM/](http://www.daviscolors.com/); OR
3. PIGMENT R/M - BRICK RED, PRODUCED BY SOUTHERN COLOR COMPANY [HTTP://WWW.SOUTHERNCOLOR.COM/](http://www.southerncolor.com/).

USE THE SAME SUPPLIER FOR ALL COLORED CONCRETE PLACED UNDER THE CONTRACT.

ADD PIGMENT AT THE RATIO RECOMMENDED BY THE MANUFACTURER DIRECTLY INTO THE MIXER ALONG WITH THE AGGREGATE, CEMENT, AND WATER. ADD PIGMENT WHILE THE MIXER IS OPERATING AT MIXING SPEED. CONTINUE MIXING FOR 5 TO 10 MINUTES OR BETWEEN 50 AND 100 REVOLUTIONS.

FORM A PATTERN IN THE CONCRETE USING A ROLLER TO CREATE A 4 INCH × 8 INCH BRICK PATTERN.

APPLY PATTERN TO BOTH 8" DEPTH TRUCK APRON AREA AS WELL AS 4" DEPTH SPLITTER ISLAND AREAS.

CURE CONCRETE USING CURING COMPOUND THAT MEETS THE REQUIREMENTS OF ASTM C 309, TYPE 1.

**754-P01 FLEXIBLE DELINEATORS - TYPE D:** USE MANUFACTURER'S INSTRUCTIONS WHEN ATTACHING TO EARTH. WHEN INSTALLING ON ISLANDS, ATTACH SURFACE MOUNT BASE TO CONCRETE WITH CONCRETE LAG BOLTS  $\frac{3}{8}$ " X  $3\frac{1}{2}$ " LONG. USE A FLEXIBLE DELINEATOR A MINIMUM OF 36" TALL, MADE OF YELLOW POLYETHYLENE, AND CONSISTING OF A MINIMUM OF TWO 3" X 9" REFLECTIVE SHEETING BANDS 2" FROM THE TOP WITH 4" BETWEEN. USE YELLOW DIAMOND GRADE SHEETING FOR REFLECTIVE SHEETING.

**766-P01 MAILBOXES:** EXISTING MAILBOXES ALONG THE ROADWAY WILL NEED TO BE TEMPORARILY RELOCATED AS WORK PROGRESSES. EXISTING MAILBOX ASSEMBLIES THAT DO NOT MEET NCHRP 350 OR MASH MUST BE RESET BEYOND THE CLEAR ZONE OR REPLACED WITH AN ASSEMBLY THAT MEETS THE REQUIREMENTS OF SECTION 766 "MAILBOXES" AND STANDARD DRAWING 766-01. MAILBOX ASSEMBLIES THAT MEET NCHRP 350 OR MASH REQUIREMENTS MAY BE RESET ADJACENT TO THE ROADWAY. COORDINATE MAILBOX RELOCATIONS WITH THE POST OFFICE.

INCLUDE THE COST FOR TEMPORARILY RELOCATING MAILBOX ASSEMBLIES IN THE CONTRACT UNIT PRICE FOR "MAILBOX - ALL TYPES."

THIS DOCUMENT WAS ORIGINALLY  
ISSUED AND SEALED BY  
TODD C. KEMPKER  
REGISTRATION NUMBER  
PE- 8808  
ON 11/02/15 AND THE  
ORIGINAL DOCUMENT IS STORED AT  
BURLEIGH COUNTY HIGHWAY DEPT.,  
BISMARCK, ND 58503

Drawing Name: C:\pmedia\topchad\1\01277.dwg; General Notes.dwg; Layout Name: General Notes; Plot Date: 11/2/2015 11:41:08 AM

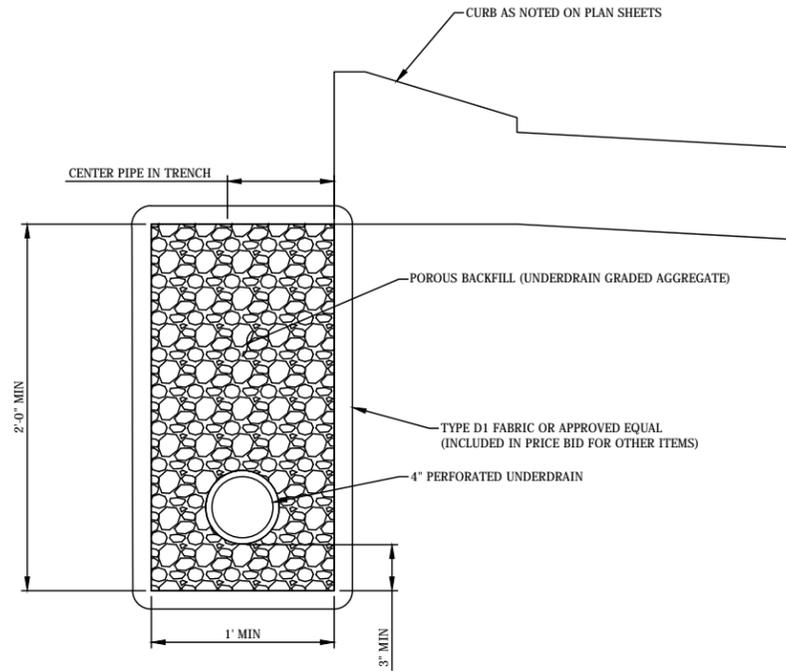
1	REVISED	11/02/15	TCK	GOVERNING SPECIFICATIONS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED BY THE NORTH DAKOTA DEPARTMENT OF TRANSPORTATION OCTOBER 2014; STANDARD DRAWINGS CURRENTLY IN EFFECT; AND OTHER CONTRACT PROVISIONS SUBMITTED HEREIN.	 3456 E. CENTURY AVE. - BISMARCK, ND 58503-0737 PHONE 701.258.1110 - FAX 701.258.1433 WWW.BARTWEST.COM		DRAWN BY: DCF	DATE: NOV. 2015	HWY 10 & 66TH STREET INTERSECTION BURLEIGH COUNTY HIGHWAY DEPARTMENT 8100 43RD AVE NE, BISMARCK, ND 58503	CONSTRUCTION NOTES	SECTION: NO.	SHEET NO.
	#	DESCRIPTION	DATE				BY	CHECKED BY: TCK			SCALE: AS NOTED	PROJECT NO: NHU-CNOC-1-981(109)119; PCN. 20955

Spec - Code	Description	Quantity	Unit
103 - 0100	CONTRACT BOND	1	L SUM
201 - 0330	CLEARING & GRUBBING	1	L SUM
202 - 0122	REMOVE & SALVAGE BITUMINOUS SURFACING	7327	SY
202 - 0153	SAW BITUMINOUS SURFACING-FULL DEPTH	2335	LF
202 - 0170	REMOVAL OF CULVERTS-ALL TYPES & SIZES	101	LF
203 - 0101	COMMON EXCAVATION-TYPE A	11579	CY
203 - 0109	TOPSOIL	3961	CY
203 - 0140	BORROW-EXCAVATION	8354	CY
216 - 0100	WATER	551	M GAL
251 - 0200	SEEDING CLASS II	4.91	ACRE
251 - 2000	TEMPORARY CROP COVER	4.91	ACRE
253 - 0101	STRAW MULCH	9.82	ACRE
256 - 0201	RIPRAP GRADE II	221	TON
260 - 0100	SILT FENCE UNSUPPORTED	1482	LF
260 - 0101	REMOVE SILT FENCE UNSUPPORTED	1482	LF
261 - 0112	FIBER ROLLS 12IN	1494	LF
261 - 0113	REMOVE FIBER ROLLS 12IN	1494	LF
302 - 0120	AGGREGATE BASE COURSE CL 5	16082	TON
401 - 0050	TACK COAT	2483	GAL
411 - 0114	MILLING PAVEMENT SURFACE - 2 INCH	1851	SY
430 - 0045	SUPERPAVE FAA 45	7286	TON
430 - 0500	COMMERCIAL GRADE HOT MIX ASPHALT	175	TON
430 - 1000	CORED SAMPLE	16	EA
430 - 6434	PG 64-34 ASPHALT CEMENT	438	TON
550 - 0111	8IN NON-REINF CONCRETE PVMT CL AE-COLORED & TEXT	456	SY
550 - 0112	8IN NON-REINF CONCRETE PAVEMENT CL AE	862	SY
702 - 0100	MOBILIZATION	1	L SUM
704 - 0100	FLAGGING	400	MHR
704 - 1000	TRAFFIC CONTROL SIGNS	1469	UNIT
704 - 1052	TYPE III BARRICADE	6	EA
704 - 1060	DELINEATOR DRUMS	332	EA
706 - 0550	BITUMINOUS LABORATORY	1	EA
706 - 0600	CONTRACTOR'S LABORATORY	1	EA
709 - 0155	GEOSYNTHETIC FABRIC-TYPE RR	196	SY
714 - 4105	PIPE CONDUIT 24IN	154	LF
714 - 4115	PIPE CONDUIT 36IN	26	LF
714 - 4125	PIPE CONDUIT 48IN	26	LF
714 - 4096	PIPE CONDUIT 15IN - APPROACH	54	LF
714 - 4135	PIPE CONDUIT 60IN	53	LF
714 - 6580	PIPE POLYETHYLENE CORR PERF 4IN DRAIN	381	LF
714 - 9770	UNDERDRAIN PIPE PVC NON-PERFORATED 4IN	72	LF
748 - 0120	CURB & GUTTER MOUNTABLE TYPE I	3034	LF
748 - 0140	CURB & GUTTER-TYPE I	349	LF
748 - 0540	CURB	445	LF
750 - 0030	PIGMENTED IMPRINTED CONCRETE	1671	SY
752 - 0900	FENCE TEMPORARY INSTALL & REMOVE	1507	LF
752 - 0922	FENCE REMOVE & RESET	1757	LF
754 - 0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	324	SF
754 - 0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	102	SF
754 - 0193	FLEXIBLE DELINEATOR - TYPE D	36	EA
754 - 0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	989	LF
754 - 0592	RESET SIGN PANEL	5	EA
754 - 0805	OBJECT MARKERS CULVERTS	7	EA
762 - 0103	PVMT MK PAINTED-MESSAGE	488	SF
762 - 0430	SHORT TERM 4IN LINE-TYPE NR	13180	LF
762 - 1104	PVMT MK PAINTED 4IN LINE	17402	LF
762 - 1108	PVMT MK PAINTED 8IN LINE	2086	LF
766 - 0100	MAILBOX - ALL TYPES	4	EA
770 - 0001	LIGHTING SYSTEM	1	EA
970 - 0001	LANDSCAPING APPURTENANCES	1	L SUM

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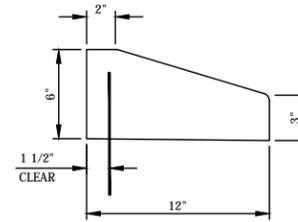
1	REVISED	11/02/15	TCK	<p align="center"><b>GOVERNING SPECIFICATIONS</b> STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED BY THE NORTH DAKOTA DEPARTMENT OF TRANSPORTATION OCTOBER 2014; STANDARD DRAWINGS CURRENTLY IN EFFECT; AND OTHER CONTRACT PROVISIONS SUBMITTED HEREIN.</p>	 <p align="center">BARTLETT &amp; WEST 3456 E. CENTURY AVE. - BISMARCK, ND 58503-0737 PHONE 701.258.1110 - FAX 701.258.1433 WWW.BARTWEST.COM</p>	 <p align="center">BURLEIGH COUNTY HIGHWAY DEPARTMENT</p>	DRAWN BY: AKJ	DATE: NOV. 2015	<p align="center"><b>HWY 10 &amp; 66TH STREET INTERSECTION</b> <b>BURLEIGH COUNTY HIGHWAY DEPARTMENT</b> <b>8100 43RD AVE NE, BISMARCK, ND 58503</b></p>	<p align="center"><b>ESTIMATED QUANTITIES</b></p>	SECTION NO.	SHEET NO.
	#	DESCRIPTION	DATE				BY	TCK			AS NOTED	8

### UNDERDRAIN DETAIL

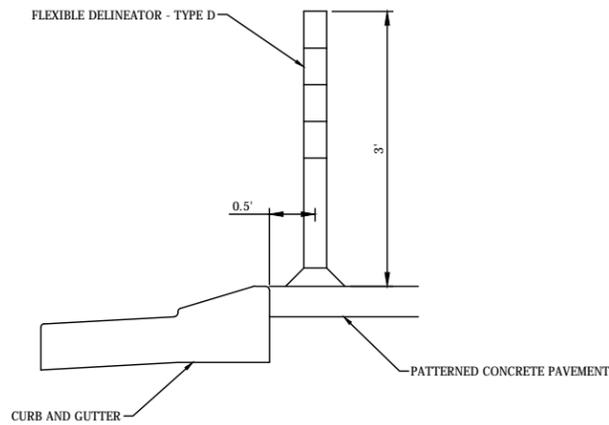


NOTE: SEE SECTION 55 SHEET 4 FOR LOCATION OF UNDERDRAIN

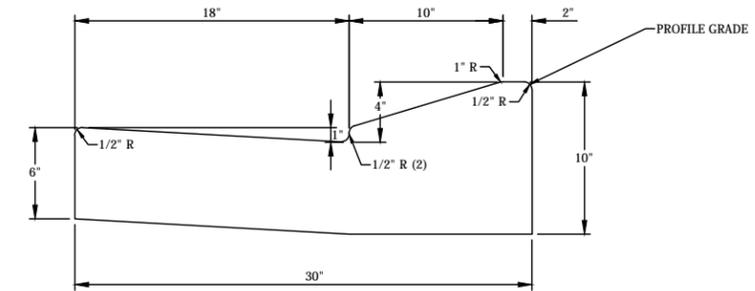
### MOUNTABLE CURB WITHOUT GUTTER



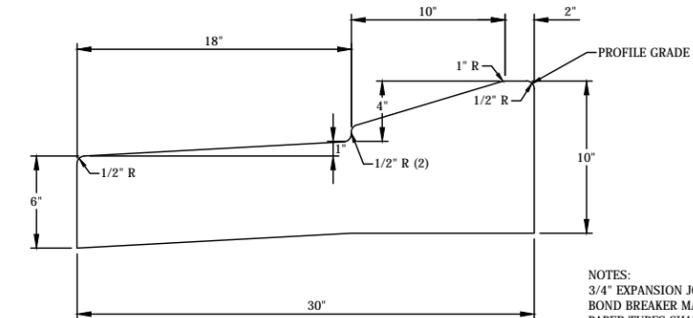
### FLEXIBLE DELINEATOR - TYPE D DETAIL



### MOUNTABLE WET CURB & GUTTER FOR SPLITTER ISLANDS & TRUCK APRON



### MOUNTABLE DRY CURB & GUTTER FOR SPLITTER ISLANDS & TRUCK APRON



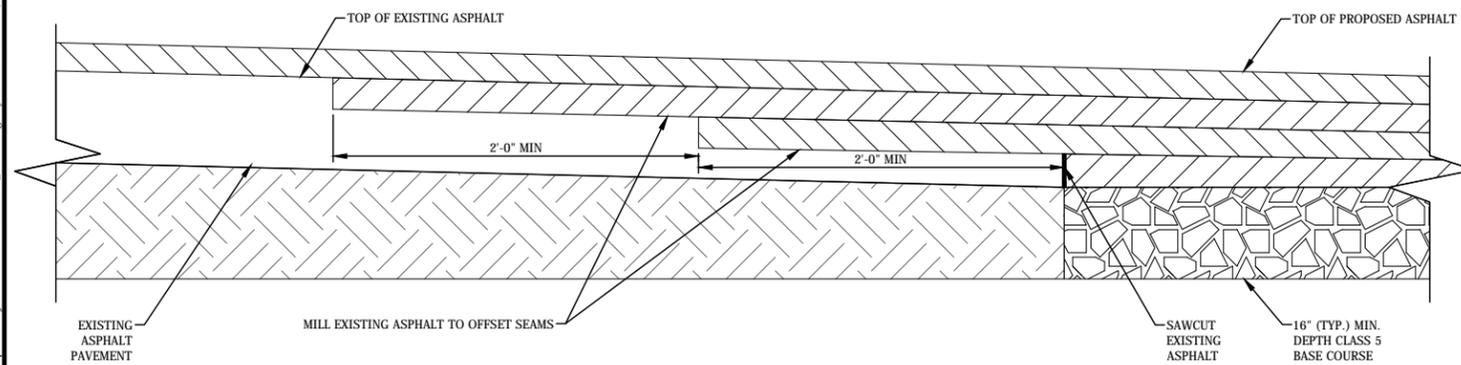
NOTES:  
3/4" EXPANSION JOINT WITH 3/4"x24" SMOOTH DOWELS & 16" PAPER TUBES OR BOND BREAKER MATERIAL. DOWELS SHALL BE GREASED THE FULL LENGTH. ALL PAPER TUBES SHALL BE PLUGGED OR CRIMPED ON OPEN END. ALL JOINTS SHALL BE SEALED. EXPANSION JOINTS TO BE PLACED AT 80' INCREMENTS.

CONTRACTION JOINT SCORED 1/2 THE DEPTH OF THE CONCRETE. CONTRACTION JOINTS TO BE PLACED AT 10' INCREMENTS.

INCLUDE EXPANSION AND CONTRACTION JOINTS AS NOTED ABOVE FOR 3' WIDE 8" CONCRETE SHOULDER.

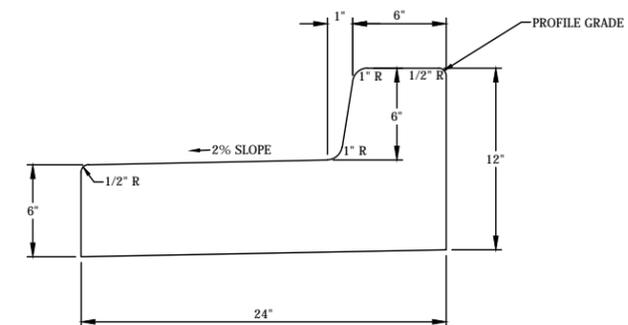
PLACE EXPANSION JOINTS BETWEEN COLORED AND PATTERNED CONCRETE AND CURBS AT SPLITTER ISLANDS AND TRUCK APRONS.

### ASPHALT SEAMS AT WIDENING



NOTE: STAGGER ASPHALT SEAMS BY MINIMUM OF 2' PER LIFT IN AREA OF WIDENED ROADWAY.  
FOUR LIFTS SHOWN. ACTUAL NUMBER MAY VARY.

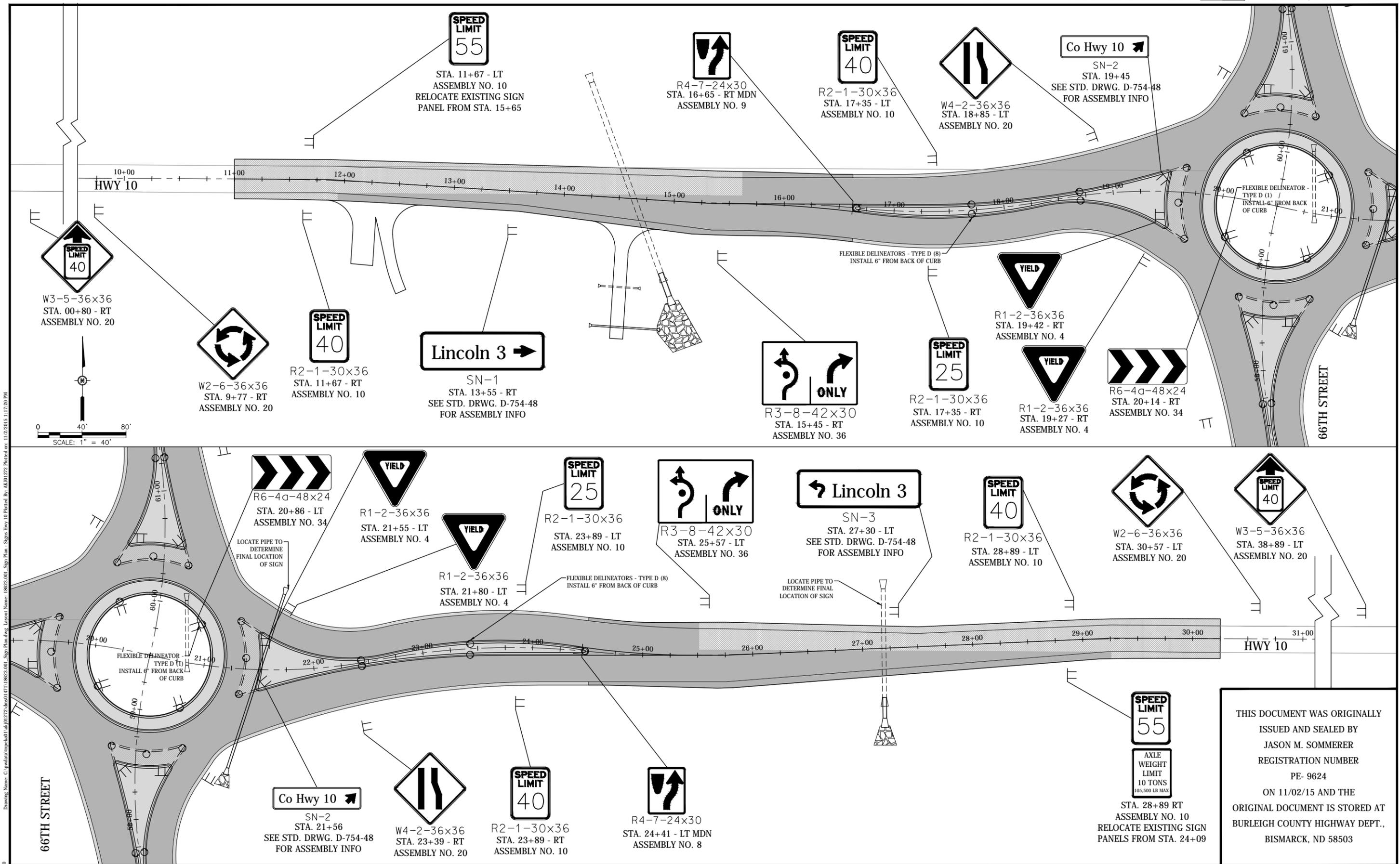
### TYPE 1 CURB & GUTTER FOR CENTER ISLAND



THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY TODD C. KEMPKER REGISTRATION NUMBER PE- 8808 ON 11/02/15 AND THE ORIGINAL DOCUMENT IS STORED AT BURLEIGH COUNTY HIGHWAY DEPT., BISMARCK, ND 58503

Drawing Name: C:\pvt\asia\topo\shd\01272.dwg; Layout Name: DETAILS (2); Plotted By: AK010272; Plotted on: 11/22/2015 2:11:38 PM

1	REVISED	11/02/15	TCK	GOVERNING SPECIFICATIONS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED BY THE NORTH DAKOTA DEPARTMENT OF TRANSPORTATION OCTOBER 2014; STANDARD DRAWINGS CURRENTLY IN EFFECT; AND OTHER CONTRACT PROVISIONS SUBMITTED HEREIN.	<b>BARTLETT &amp; WEST</b> 3456 E. CENTURY AVE. - BISMARCK, ND 58503-0737 PHONE 701.258.1110 - FAX 701.258.1433 WWW.BARTWEST.COM	BURLEIGH COUNTY HIGHWAY DEPARTMENT NORTH DAKOTA	DRAWN BY: DCF	DATE: NOV. 2015	HWY 10 & 66TH STREET INTERSECTION BURLEIGH COUNTY HIGHWAY DEPARTMENT 8100 43RD AVE NE, BISMARCK, ND 58503	DETAILS	SECTION: NO.	SHEET NO.
	# DESCRIPTION						DATE	BY			CHECKED BY: TCK	SCALE: AS NOTED

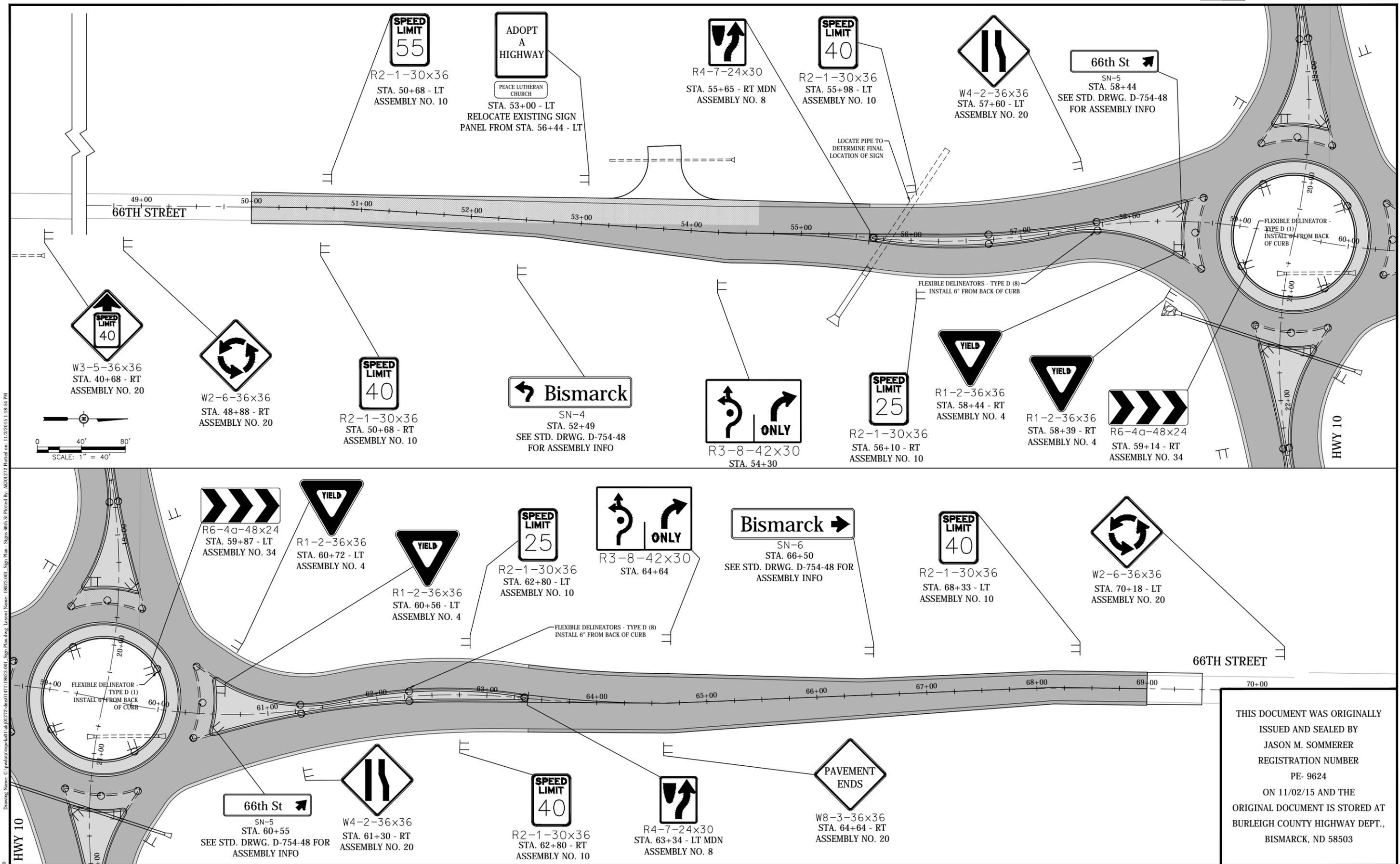


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THIS DOCUMENT WAS ORIGINALLY  
ISSUED AND SEALED BY  
JASON M. SOMMERER  
REGISTRATION NUMBER  
PE- 9624  
ON 11/02/15 AND THE  
ORIGINAL DOCUMENT IS STORED AT  
BURLEIGH COUNTY HIGHWAY DEPT.,  
BISMARCK, ND 58503

1	REVISED	11/02/15	JMS	<b>GOVERNING SPECIFICATIONS</b> STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED BY THE NORTH DAKOTA DEPARTMENT OF TRANSPORTATION OCTOBER 2014; STANDARD DRAWINGS CURRENTLY IN EFFECT; AND OTHER CONTRACT PROVISIONS SUBMITTED HEREIN.	<b>BARTLETT &amp; WEST</b> <small>3456 E. CENTURY AVE. - BISMARCK, ND 58503-0737          PHONE 701.258.1110 - FAX 701.258.1433          WWW.BARTWEST.COM</small>	BURLEIGH COUNTY HIGHWAY DEPARTMENT 	DRAWN BY: JMS	DATE: NOV. 2015	<b>HWY 10 &amp; 66TH STREET INTERSECTION</b> BURLEIGH COUNTY HIGHWAY DEPARTMENT 8100 43RD AVE NE, BISMARCK, ND 58503	<b>SIGNING LAYOUT</b> <b>HWY 10</b>	SECTION: NO.	SHEET NO.
	# DESCRIPTION						CHECKED BY: TCK	SCALE: AS NOTED			PROJECT NO: NHU-CNOC-1-981(109)119; PCN. 20955	110

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Drawing Name: C:\pds\10\101272.dwg(1) Sign Plan - Sign 66th St Plotted on: 11/22/2015 11:18:54 PM  
Last edit on: 00/00/00

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1	REVISED	11/02/15	JMS	GOVERNING SPECIFICATIONS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED BY THE NORTH DAKOTA DEPARTMENT OF TRANSPORTATION OCTOBER 2014; STANDARD DRAWINGS CURRENTLY IN EFFECT; AND OTHER CONTRACT PROVISIONS SUBMITTED HEREIN.	BARTLETT & WEST 3456 E. CENTURY AVE. - BISMARCK, ND 58503-0737 PHONE 701.258.1110 - FAX 701.258.1433 WWW.BARTWEST.COM	BURLEIGH COUNTY HIGHWAY DEPARTMENT	DRAWN BY: JMS	DATE: NOV. 2015	HWY 10 & 66TH STREET INTERSECTION BURLEIGH COUNTY HIGHWAY DEPARTMENT 8100 43RD AVE NE, BISMARCK, ND 58503	SIGNING LAYOUT 66TH STREET	SECTION: NO. 110	SHEET: NO. 4
	CHECKED BY: TCK						SCALE: AS NOTED	PROJECT NO: NHU-CNOC-1-981(109)119; PCN. 20955				

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