

E	PROJECT NO.		PCN	SECTION NO.	SHEET NO.
)	SC-FXS-2635(074)		24359	1	1
G	OVERNING SPECIFICATIONS	RNING SPECIFICATIONS Date Published and Adopted by the North Dakota Department of Transportation			
Standard Specifications		7/1/2024			
	Supplemental Specifications		NON	Ξ	

PROJECT LENGTH

PROJECT	GROSS MILES	NET MILES
SC-FXS-2635(074)	10.727	10.727
TOTAL	10.727	10.727

END PROJECT SC-FXS-2635(074) STA. 578+10 = A POINT APPROXIMATELY 60 FEET NORTH OF THE NORTHWEST CORNER OF SEC. 13, TWP. 131 N., RGE. 68 W.

PS&E Corrections Made

February 2025 November 2024/January 2025

Surveyed & Designed Date



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D-762-11

PLAN SECTIONS

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Short-Term Pavement Marking

SPECIAL PROVISIONS

Number	Description
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SSP 4	Longitudinal Joint Density

ND

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SC-FXS-2635(074)	2	1

Tube Post



RGE. 68 W.

STATE	PROJECT NO.		SECTION NO.	SHEET NO.
ND	SC-FXS-2635(074)		4	1
1	0.5" HMA Leveling, & Fiber HMA Additiv		, 3.5" HMA ive	. Overlay
C-FXS	- 2635(074) APPROXIMATELY 60 FEET			
31 N., R S C-F) OINT A THE N . 129 N	RGE. 68 W. (S-2635(074) APPROXIMATELY 169 IORTHWEST CORNER ., RGE. 68 W.			
	N	SIGNATE DATE	DFESS/C BRYAN WINSI E-28896 D2/14/25	ANGINEER
	SC-FX MCINTOSH CC	(S-2635(074) DUNTY, NORTH DAK SCOF	TH DAK	RK
		DRWN. BY CHI ZBN	GD BY P BJT	ROJECT NO. 2403-00711

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COORDINATION OF PROJECTS: An Inslope repair project, CERP-2635(072), PCN 24084, is scheduled to be constructed during the 2025 construction season on McIntosh County Highway 9 through the project area.

Coordinate scheduling, work activities, and construction traffic control devices to ensure uniform integration

between the projects. The overlay project cannot begin until the inslope repair project roadway work is

HAUL ROADS: Hauling on McIntosh County highway 9 from the North end of the project to the Logan County

Work that will impact the roadway in any way will be completed by July 19th, 2025.

100-P01

107-P01

203-P01

230-P01

302-P01

411-P01

411-P02

430-P01

completed.

430-P02

PLAN NOTES

FIBER HMA ADDITIVE: Add an aramid fiber to the HMA mix during production. Aramid fiber will be mixed into the HMA per the manufacturer's specifications by the supplier or the suppliers representative. Aramid fibers must be treated to prevent them from becoming airborne during the mixing process, and the treatment must be soluble in the asphalt. Treated aramid fiber shall be continuously fed and mixed into the HMA per the dosage and mixing requirements of this specification. A certified QA/QC mixing technician employed by the supplier or suppliers representative shall perform continuous feeding of the treated aramid fibers into the asphalt during plant mixing operations for all of the mainline Superpave FAA 43 guantities required for the project, and a certification report must be submitted upon project completion.

Fiber Properties	Measure
Material	Aramid Fiber (50% by weight)
Form	Filament Yarn / Monofilament
Tensile Strength	400,000 (psi)
Specific Gravity	1.44 – 1.45 (g/cm^3)
Melting Temperature	800 (°F)
Length	1.5 ± 0.05 (inch)

Provide the following information from the product supplier at least two weeks prior to asphalt production.

- 1. Identify the mixing plant and type (Batch or Continuous Drum).
- type, weight, and flash point of treatment material.
- operated equipment for the entire fiber mixing process.

Aramid fiber must be stored in a dry environment, do not allow it to be in contact with moisture. The product dosage rate is estimated at 2.1 OZ/TON (Ounces of aramid fibers/TON of HMA mix).

Any additional weight of materials (wax coatings, polyolefin fibers, or other materials) used in the delivery of the aramid fibers are not included in the product rate listed above and are incidental to the "FIBER HMA ADDITIVE" bid item. The payment will be based on the actual aramid fiber weight used.

The aramid fiber will be "Ace Fiber by Surface Tech", "Forti-Fi by Forta", or an equal product, as approved by the Engineer.

The final acceptance of the "FIBER HMA ADDITIVE" will include the following factors:

1. The Contractor will submit a QA/QC report from the the metering and continuous feeding of the aran per the agreed to dosage rate in the mix design a for this bid item by a certified technician, and the performed during the mixing process to certify no or treatment product occurred.

All costs associated with the furnishing of mate submittals, and reports will be included in the price ADDITIVE".

line will not be permitted. It is the Contractor's responsibility to investigate the suitability of routes with the appropriate agency having control of the road prior to submitting a bid. Submit a detailed hauling plan for all aspects of the project at the pre-construction conference. COMMON EXCAVATION-SUBCUT: The Engineer will determine the location and actual quantity of "COMMON EXCAVATION-SUBCUT" (see Subgrade Repair Detail on Section 20, Sheet 1). Cut the existing asphalt leaving a vertical edge. Include the cost to cut a vertical edge in the price bid for "COMMON EXCAVATION-SUBCUT". Delete the second paragraph of Standard Specification 203.04 E.2 in its entirety. SHOULDER PREPARATION: Spray herbicide to kill all vegetation and roots on the pavement slough and within 2 feet of the outside edge of the slough. Mix and apply the herbicide according to the manufacture's recommendations. Spray the herbicide in two applications that are three weeks apart. Complete spraying no more than 30 days before starting paving operations. Take precautionary measures to prevent any damage to adjacent vegetation caused by the spraying operation. Include all labor, material, and equipment required to perform this associated work in other bid items. AGGREGATE BASE COURSE CL 5: The locations and actual guantity of "AGGREGATE BASE COURSE CL 5" for subgrade repair will be determined in the field by the Engineer. MILLING PAVEMENT SURFACE: Mill tapers at the beginning and end of the project (See Taper Details on Section 20 Sheet 1). Payment for milling will be by the square yard based on a top width of 25.5' Sloughs and widenings will not be measured for payment but will be incidental to the bid item "MILLING PAVEMENT SURFACE". **TEMPORARY ASPHALT WEDGES:** Place temporary asphalt or milled material wedges at the milled taper locations to allow for the smooth passage of vehicles. Include all costs for labor, materials, and equipment to install and remove the wedges in the unit price bid for "MILLING PAVEMENT SURFACE". SUPERPAVE FAA 43: Patch pavement surface areas showing signs of failure as per the Subgrade Repair Detail (see Section 20, Sheet 1), before the leveling course operations. If additional failure areas show during leveling or mainline paving operations patch them before placing the subsequent lift. All areas requiring patching per the Subgrade Repair Detail (Patching) will be cleaned, tacked, and filled with hot mix asphalt and compacted in a separate operation in lifts matching the adjacent existing pavement surface elevation. Compact the patching and leveling course with a minimum of one self-propelled pneumatic roller which meets NDDOT Standard Specification 151.01. Place all hot mix asphalt for the leveling course with a paver. A blade will not be allowed to place the leveling course. All hot mix asphalt and asphalt cement required for the patching and leveling course will be measured and paid for by the ton of "SUPERPAVE FAA 43" and "PG 58S-28 ASPHALT CEMENT". This will be considered full payment for performing this work. The Engineer will mark all areas for patching, prior to patching work being performed. Provide a minimum of 48 hours' notice prior to the start of patching operations. Do not incorporate "FIBER HMA ADDITIVE" into hot mix asphalt used for patching or the leveling course. Exercise extreme care not to mark or tear the wearing course and keep all loaded trucks off the newly placed wearing course.

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2. Material data sheet for the aramid fiber describing aramid fiber and treatment properties, including the

3. A certified QA/QC mixing plan including procedures for continuously feeding and measuring the amount of aramid fiber into the asphalt. The fiber supplier must approve the QA/QC mixing plan and provide a certified QA/QC mixing technician at the asphalt mixing plant who is responsible for continuous feeding of the fiber into the HMA. For uniform disbursement, treated aramid fibers shall be metered and continuously fed in a constant stream-like manner. The continuous feeding can be accomplished by using machine

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PLAN NOTES

430-P02 TACK COAT: Supply a tack coat that meets the requirements of Section 401.03 C "Tack Coat". Apply the tack coat according to Section 401.04 "Construction Requirements". Undiluted application rates are shown in the basis of estimate. Tack coat will not be measured for payment and will be included in the unit price bid for "SUPERPAVE FAA 43".

704-P01 TRAFFIC CONTROL FOR MILLING & BITUMINOUS PAVEMENT: Provide traffic control consisting of a temporary lane closure, flagging, and a pilot car.

Traffic control device quantities are based on a 6-mile limitation and the list below.

- 1. Standard D-704-15, layout A
- 2. Standard D-704-20, layout G
- 3. Standard D-704-22, layout K
- 4. Standard D-704-26, layouts EE and GG.

Place flaggers at the following intersections when the lane closure spans across it:

1. ND Highway 11

- **762-P01 SHORT-TERM PAVEMENT MARKING:** The quantity for short-term striping is based on three applications (leveling, base and wear courses). Apply short-term striping at a width of 4 inches.
- **762-P02 EDGE LINE:** 4-inch white edge lines have been provided to be used throughout the project length. Continue edge lines through field and private drives and break for intersections.
- **762-050 PAVEMENT MARKING:** If the Engineer and Contractor agree, plan quantity will be used as the measurement for payment for pavement marking items. Apply permanent striping at a width of 4 inches.

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Estimated Quantities

SPEC	CODE	ITEM DESCRIPTION	UNIT	Mainline:	
103	0100	CONTRACT BOND	L SUM	1	
203	0138	COMMON EXCAVATION-SUBCUT	CY	1073	
216	0100	WATER	M GAL	138	
302	0120	AGGREGATE BASE COURSE CL 5	TON	1530	
411	0105	MILLING PAVEMENT SURFACE	SY	567	
430	0043	SUPERPAVE FAA 43	TON	40603	
430	0450	FIBER HMA ADDITIVE	LBS	4630	
430	1000	CORED SAMPLE	EA	342	
430	5803	PG 58S-28 ASPHALT CEMENT	TON	2518	
702	0100	MOBILIZATION	L SUM	1	
704	0100	FLAGGING	MHR	800	
704	1000	TRAFFIC CONTROL SIGNS	UNIT	1538	
704	1067	TUBULAR MARKERS	EA	288	
704	1185	PILOT CAR	HR	400	
706	0550	BITUMINOUS LABORATORY	EA	1	
706	0600	CONTRACTOR'S LABORATORY	EA	1	
709	0151	GEOSYNTHETIC MATERIAL TYPE R1	SY	2414	
760	0010	RUMBLE STRIPS - INTERSECTION	SET	1	
762	0430	SHORT TERM 4IN LINE-TYPE NR	LF	152628	
762	1104	PVMT MK PAINTED 4IN LINE	LF	164886	

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		HIGHW	AY 9				
TYPICAL SECTION 1 TYPICAL SECTION 2		CTION 2					
(10.140 M	ILES)	(0.587 M	LES)	DRIVES			
				PRIVATE &			
				SECTION			
				DRIVES	DRIVES	LINUT	DESCRIPTION
	WIDTH			(14/6)	(47)		
-	-	-	-	12	6	TON	Aggregate base course CL 5 (1.675 Tons/CT)
10	-	10	-	-	-	M GAL	Water (20 Gal/Ton Aggregate Base Course CL5 & 10 M Gal per mile for Dust Palliative)
704	24.0'	1,027	35.0'	-	-	GAL	Tack Coat - Leveling Course (0.05 Gal/SY) (Incidental to Superpave FAA 43)
733	25.0'	1,519	37.0'	2	1	GAL	Tack Coat - Base Course (0.05 Gal/SY) (Incidental to Superpave FAA 43)
836	28.5'	1,129	38.5'	-	-	GAL	Tack Coat - Wear Course (0.05 Gal/SY) (Incidental to Superpave FAA 43)
391	24.0'	570	35.0'	-	-	TON	Superpave FAA 43 - Leveling Course (2.0 Tons/CY)
1,687	26.0'	2,413	37.0'	12	6	TON	Superpave FAA 43 -Base Course (2.0 Tons/CY)
1,479	29.0'	2,026	40.0'	-	-	TON	Superpave FAA 43 - Wearing Course, 1 Lift (2.0 Tons/CY)
416	-	583	-	1.6	0.8	LBS	Fiber HMA Additive (2.1 Oz/Ton of HMA)
221	-	311	-	0.7	0.4	TON	PG 58S-28 (6.2% of HMA)

430 1000 CORED SAMPLE HIGHWAY 9								
	A	E	3	С				
SPECIFICATION	DISTANCE (FT) / 1000	LANES	JOINTS	LIFTS	QUANTITY (A x B x C)	UNIT		
430.04 I.2.b(1), "General"	57	2	N/A	2	228	EA		
SSP 4 Longitudinal Joint Density in HMA Pavements (Centerline)	57	N/A	1	2	114	EA		
		TOTAL	342	EA				

HIGHWAY 9 PATCHING						
DESCRIPTION	QUANTITIY PER MILE	UNIT				
Common Excavation-Subcut	100	CY				
Aggregate Base Course CL 5 (1.875 Tons/CY)	94	TON				
Tack Coat	22	GAL				
Superpave FAA 43 (2.0 Tons/CY)	100	TON				
PG 58S-28 (6.2% of HMA)	6.2	TON				
Geosynthetic Material Type R1	225	SY				

RUMBLE STRIPS - INTERSECTION					
Location Basis Quanitity					
SB Lane @ ND Highway 11	D-760-05	1 Set			

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PAVEMENT MARKING - HIGHWAY 9						
DES	CRI	PTION	UNIT	QUANTITY PER LOCATION		
4" Yellow No F	Pass	ing Zone (Solid I				
Sta. 11+69	То	Sta. 17+05	LT	LF	536	
Sta. 11+69	То	Sta. 15+20	RT	LF	351	
Sta. 48+05	То	Sta. 56+30	RT	LF	825	
Sta. 58+16	То	Sta. 64+50	LT	LF	634	
Sta. 74+80	То	Sta. 93+80	RT	LF	1,900	
Sta. 84+70	То	Sta. 102+95	LT	LF	1,825	
Sta. 123+95	То	Sta. 137+45	RT	LF	1,350	
Sta. 125+50	То	Sta. 136+00	LT	LF	1,050	
Sta. 139+75	То	Sta. 149+70	LT	LF	995	
Sta. 160+20	То	Sta. 178+85	RT	LF	1,865	
Sta. 170+15	То	Sta. 187+55	LT	LF	1,740	
Sta. 190+50	То	Sta. 200+15	RT	LF	965	
Sta. 199+95	То	Sta. 209+55	LT	LF	960	
Sta. 226+85	То	Sta. 239+15	RT	LF	1,230	
Sta. 236+65	То	Sta. 247+35	LT	LF	1,070	
Sta. 270+05	То	Sta. 299+00	RT	LF	2,895	
Sta. 291+50	То	Sta. 309+05	LT	LF	1,755	
Sta. 312+75	То	Sta. 319+30	RT	LF	655	
Sta. 322+70	То	Sta. 328+80	LT	LF	610	
Sta. 347+95	То	Sta. 355+30	RT	LF	735	
Sta. 358+20	То	Sta. 363+55	LT	LF	535	
Sta. 361+15	То	Sta. 366+65	RT	LF	550	
Sta. 371+25	То	Sta. 376+30	LT	LF	505	
Sta. 403+65	То	Sta. 418+15	RT	LF	1,450	
Sta. 413+55	То	Sta. 427+90	LT	LF	1,435	
Sta. 441+00	То	Sta. 459+50	RT	LF	1,850	
Sta. 451+00	То	Sta. 468+80	LT	LF	1,780	
Sta. 478+45	То	Sta. 494+15	RT	LF	1,570	
Sta. 489+35	То	Sta. 503+75	LT	LF	1,440	
Sta. 553+25	То	Sta. 572+00	RT	LF	1,875	
Sta. 563+10	То	Sta. 578+10	LT	LF	1,500	
SubTotal (Yell	ow)		LF	38,436		

PAVEMENT MARKING - HIGHWAY 9						
DES	CRI	PTION		UNIT	QUANTITY PER LOCATION	
4" Yellow Cen	ter L	ines (10' Line, 30)' Skip)			
Sta. 15+20	То	Sta. 84+	70	LF	1,740	
Sta. 93+80	То	Sta. 125+	-50	LF	800	
Sta. 136+00	То	Sta. 170+	·15	LF	860	
Sta. 178+85	То	Sta. 199+	·95	LF	530	
Sta. 200+15	То	Sta. 236+	-65	LF	920	
Sta. 239+15	То	Sta. 291+	-50	LF	1,310	
Sta. 299+00	То	Sta. 361+	·15	LF	1,560	
Sta. 363+55	То	Sta. 413+	·55	LF	1,250	
Sta. 418+15	То	Sta. 451+	-00	LF	830	
Sta. 459+50	То	Sta. 489+	·35	LF	750	
Sta. 494+15	То	Sta. 563+	·10	LF	1,730	
Sta. 572+00	То	Sta. 578+	·10	LF	160	
SubTotal (Yell	ow)			LF	12,440	
Total 4" Yello	ow P	avement Markin	g Paint =	LF	50,876	
4" White Acce	lerat	ion Lane Lines (10' Line, 30)' Skip)		
Sta. 270+55	То	Sta. 299+	-00	LF	720	
4" White Edge	Line	es (Solid Line)				
Sta. 11+69 To Sta. 578+10 LT & RT				LF	113,290	
Total 4" Wh	ite P	avement Markin	LF	114,010		
Total Pavemer	nt Ma	arking Paint		LF	164,886	

ТАТЕ	PROJECT NO.		SECTION NO.	SHEET NO.
ND	SC-FXS-2635(0)74)	10	2
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		AD PRU		12 A
		A TYK	RYAN WINSK	
		PE	-28896	NEE
		DATE O	2/14/25	
		NORT	Y DAKO	TH/
	SC-F	XS-2635(074)	TA	
		CONTT, NORTH DAKO		
	KL1	BASIS C	F ESTIMA	TE
		DRWN. BY CHKD	BY PRC	DJECT NO.
		ZBN	BJT 2	403-00711 ©KLJ 2025





TATE	PROJECT NO.		SECTION NO.	SHEET NO.
ND	SC-FXS-2635(0)74)	30	1
RIES	30-FA3-2033(0	<i>,,,</i> , , , , , , , , , , , , , , , , ,	30	
	SC-F MCINTOSH C	PRO PRO PRO PRO PRO PRO PRO PRO PRO PRO	FESS/0 RYAN 28896 02/14/25 4 DAKO	AND THEER TH
	≪ ^{KLJ}	TYPICA HIG DRWN. BY ZBN	L SECTIO HWAY 9	NS



FATE PROJECT NO).	SECTION NO.	SHEET NO.
ND SC-FXS-2635	(074)	30	2
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	AT TYK	WINSH	13
	DE PE	-28896	
		2/14/25	(況)
	NORT	HDAKO	
SC	-FXS-2635(074)	and the second	
MCINTOSF	H COUNTY, NORTH DAKC	PTA	
	TYPICA		NS
//_KLJ	HIG	HWAY 9	
	DRWN. BY CHKT	BY PR	DJECT NO.
	ZBN	BJT 2	2403-00711 ©KLJ 2025

SIGN NUMBER	SIGN SIZE	DESCRIPTION	AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
E5-1-48	48"x48"	EXIT GORE		35	
G20-1-60	60"x24"	ROAD WORK NEXT MILES	2	28	56
G20-1b-60	60"x24"	NO WORK IN PROGRESS (Sign and installation only)	•	18	50
G20-2-48	48"X24"	END RUAD WURK	2	26	52
G20-4-36	36"x30"		1	18	10
G20-50a-72	72"x36"	ROAD WORK NEXT MILES RT & LT ARROWS	2	43	86
G20-52a-72	72"x24"	ROAD WORK NEXT MILES RT or LT ARROW	3	36	108
G20-55-96	96"x48"	SPEED LIMIT ENFORCED - MINIMUM FEE \$80 WHEN WORKERS PRESENT		59	
M1-1-36	36"x36"	INTERSTATE ROUTE MARKER (Post and installation only)		11	
M1-4-24	24"x24"	U.S. ROUTE MARKER (Post and installation only)		10	
M1-5-24	24"x24"	STATE ROUTE MARKER (Post and installation only)		10	
M3-1-24	24"x12"	NORTH (Mounted on route marker post)		7	
M3-2-24	24"x12"	EAST (Mounted on route marker post)		7	
M3-3-24	24"x12"	SOUTH (Mounted on route marker post)		7	
M3-4-24	24"x12"	WEST (Mounted on route marker post)		7	
M4-8-24	24"x12"	DETOUR (Mounted on route marker post)		7	
M4-9-30	30"x24"	DETOUR ARROW RIGHT OF LEFT/AHD AND RT OF LT		15	
IVI4-10-48	48"X18"			7	
M5 1 20	21"X15"			(
M6-1 21	3U XZT	DIRECTIONAL ARROW RT of LT (Mounted on route marker post)		9	
M6-1-30	30"x21"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)		/ Q	
M6_3_21	21"v15"	DIRECTIONAL ARROW UP (Mounted on route marker post)		7	
R1-1-48	48"x48"	STOP		32	
R1-2-60	60"x60"	YIELD		29	
R2-1-36	36"x48"	SPEED LIMIT (Portable only)	4	30	120
R2-1-48	48"x60"			39	120
R2-1aP-24	24"x18"	MINIMUM FEE \$80 (Mounted on Speed Limit post)	2	10	20
R3-2-48	48"x48"	NO LEFT TURN		35	
R4-1-48	48"x60"	DO NOT PASS	2	39	78
R4-7-48	48"x60"	KEEP RIGHT		39	
R5-1-48	48"x48"	DO NOT ENTER		35	
R6-1-54	54"x18"	ONE WAY RIGHT or LEFT (Mounted on STOP or DO NOT ENTER post)		14	
R7-1-12	12"x18"	NO PARKING ANY TIME		11	
R10-6-24	24"x36"	STOP HERE ON RED		16	
R11-2-48	48"x30"	ROAD CLOSED (Mounted on barricade)		12	
R11-2a-48	48"x30"	STREET CLOSED (Mounted on barricade)		12	
R11-3a-60	60"x30"	ROAD CLOSED MILES AHEAD LOCAL TRAFFIC ONLY (Mtd on barricade)		15	
R11-3c-60	60"x30"	STREET CLOSED MILES AHEAD LOCAL TRAFFIC ONLY (Mtd on barricade)		15	
R11-4a-60	60"x30"	STREET CLOSED TO THRU TRAFFIC (Mounted on barricade)		15	
W1-3-48	48"x48"			35	
W1-4-48	48"X48"			35	
W1-4D-48	48"X48"			35	
W 1-0-40	40 X24			20	
W3-3-48	48"x48"	SIGNAL AHEAD		35	
W3-4-48	48"x48"	BE PREPARED TO STOP	4	35	140
W3-5-48	48"x48"	SPEED REDUCTION AHEAD	4	35	140
W4-2-48	48"x48"	LANE ENDS RIGHT or LEFT		35	
W5-1-48	48"x48"	ROAD NARROWS		35	
W5-8-48	48"x48"	THRU TRAFFIC RIGHT LANE		35	
W5-9-48	48"x48"	ROAD WORK TRAFFIC ONLY DOWN & LT or RT ARROW		35	
W6-3-48	48"x48"	TWO WAY TRAFFIC		35	
W8-1-48	48"x48"	BUMP	8	35	280
W8-3-48	48"x48"	PAVEMENT ENDS		35	
W8-7-48	48"x48"	LOOSE GRAVEL		35	
W8-11-48	48"x48"	UNEVEN LANES	2	35	70
W8-12-48	48"x48"			35	
vv8-17-48	48"x48"			35	
VV8-53-48	48"x48"			35	
VV0-54-48	48"X48"		2	35	70
VV8-55-48	48"X48"			35	
W0-30-48	40 X40"			35	
W13-JD 20	30"v20"	MPH ADVISORY SPEED PLACIE (Mounted on warning sign post)		1/	
W14-3-64	64"v48"	NO PASSING 70NF		28	
W16-2P-30	30"x24"	FEET PLAQUE (Mounted on warning sign post)		10	
W20-1-48	48"x48"	ROAD WORK AHEAD or FT or MILE	4	35	140
W20-2-48	48"x48"	DETOUR AHEAD or FT or MILE		35	
W20-3-48	48"x48"	ROAD or STREET CLOSED AHEAD or FT or MILE		35	
W20-4-48	48"x48"	ONE LANE ROAD AHEAD or MILE		35	
W20-5-48	48"x48"	RIGHT or CENTER or LEFT LANE CLOSED AHEAD or FT or _ MILE		35	
W20-7-48	48"x48"	FLAGGER	4	35	140
W20-8-18	18"x18"	STOP - SLOW PADDLE Back to Back	4	5	20
W20-52P-54	54"x12"	NEXT MILES (Mounted on warning sign post)		12	
W21-1-48	48"x48"	WORKERS		35	
W21-2-48	48"x48"	FRESH OIL		35	
W21-3-48	48"x48"	ROAD MACHINERY AHEAD or FT or _ MILE		35	
W21-5-48	48"x48"	SHOULDER WORK		35	
W21-5a-48	48"x48"	RIGHT or LEFT SHOULDER CLOSED		35	
vv21-5b-48	48"x48"	IRIGHT OF LEFT SHOULDER CLOSED AHEAD OF FT OF MILE	1	35	1

				STATE			PRO	JECT NO.	SECTION	SHEET
				ND		S	C-FXS	-2635(074)	100	<u>1</u>
SIGN NUMBER	SIGN SIZE	DESCRIPTION		AMOU REQUII	JNT RED	UNITS PER AMOUNT	UNITS SUB TOTAL			
W21-6-48	48"x48"	SURVEY CREW				35				
W21-50-48	48"x48"	BRIDGE PAINTING AHEAD or FT				35				
W21-51-48	40 x40 48"x48"	PAVEMENT BREAKS				35				
W21-53-48	48"x48"	RUMBLE STRIPS AHEAD				35				
W22-8-48	48"x48"	FRESH OIL LOOSE ROCK				35				
W24-1-48	48"x48"	DOUBLE REVERSE CURVE		_		35				
				_						
				-						
				_						
				_						
				_						
SPECIAL SIG	INS									
				_						
								NOTE:		
								If additional signs	are	
	-							calculated using	the formula	
704-1000	·C	TRAFFIC CONTROL SIGNS	TOTAL UNITS				1538	from Section III-1	8.06 of the	
								Design Manual. http://www.dot.nd	dov/	
SPEC & CODE		DESCRIPTION	UNIT	QUANTIT	Y				- 3	
704-0100	FLAGGIN		MHR	80	0					
704-1048	TYPEIRA	RRICADES	FACH		\dashv					
704-1052	TYPE III B	ARRICADES	EACH							
704-1060	DELINEA	TOR DRUMS	EACH						FECO	
704-1065		CONES MARKERS	EACH	20	8			ORC	LE22/0	1
704-1070	DELINEAT	TOR	EACH	20	-			105	>	An I
704-1072	FLEXIBLE	DELINEATORS	EACH						RYAN	XCT
704-1080	STACKAB	BLE VERTICAL PANELS	EACH		_				NURISI	1131
704-1081	SEQUENO	CING ARROW PANEL - TYPE A	EACH		-			S	VVIDON	Ē
704-1086	SEQUENO	CING ARROW PANEL - TYPE B	EACH					PE	-28896	Ē
704-1087	SEQUENO	CING ARROW PANEL - TYPE C	EACH	40					2/14/25	151
704-1105	OBLITER/	ATION OF PVMT MK	SF	40	U				2/14/23	
704-3501	PORTABL	E PRECAST CONCRETE MED BARRIER	LF					$\langle \rangle$		<u> </u>
704-3510	PRECAST	CONCRETE MED BARRIER - STATE FURNISHED	EACH					VODT		(1)
762-0200	SHORT TH	AVEMENT MARKERS ERM 4IN LINE - TYPE R	LF		-			A	HDAKO	
762-0430	SHORT T	ERM 4IN LINE - TYPE NR	LF	15262	8			-	N9889 A. A1150	
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TATE	PROJECT NO.	SECTION NO.	SHEET NO.	
ID	SC-FXS-2635(100	2	
	ROAD WORK			
LNE	EXT 00 MILES			
Po	ost Mounted			
	WORK			
	AHEAD			
— P	W20-1-48 ost Mounted			
	FND			
	ROAD WORK			
 P	G20-2-48 ost Mounted			
R	OAD WORK			
	NEXT OO MILES			
– (P	G20-52a-72 ost Mounted			
		PRO	ESSIO,	No
		B		
		TYK	WINSK	
		PE	-28896	
	— • — — Z	DATE O	2/14/25	
		NORT		TH
			TDANG	
	SC-I MCINTOSH	- XS-2635(074) COUNTY, NORTH DAKO	ΤΑ	
	1/1 9	TDAEE		01
		SIGNIN	IG LAYOU	IT
		DRWN. BY CHKD	BY PRO	DJECT NO.
		ZBN	BJT 2	AU3-00711