

December 6, 2023

#### **ADDENDUM 2 – JOB 23640**

**TO:** All prospective bidders on Projects SS-9-999(502), Job No. 23640 scheduled for the December 8, 2023 bid opening.

The following revision(s) shall be made:

### **Plan Revisions:**

See attached summary from Jason Thorenson, P.E. dated December 6, 2023 for an explanation.

### **Request for Proposal Revisions:**

- Remove and replace pages 5 and 6 of 8 of the Proposal pages located at the beginning of the Request for Proposal with pages revised December 6, 2023.
- Bid Item Changes are summarized in the Plan Addendum Summary and Approval.

This addendum is to be incorporated into the bidder's proposal for this project. AASHTOWare Project Bids files should be updated by downloading the addendum file from the Bid Express on-line bidding exchange at <a href="http://www.bidx.com/">http://www.bidx.com/</a> and load it into the AASHTOWare Project Bids program.

Phillip MM

PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj Enclosure



### PLAN ADDENDUM SUMMARY AND APPROVAL

	PROJECT INFORMATION					
Project:	SS-9-999(502)		<b>PCN:</b> 23640			
Location:	Divide, Renville, Ward, Bou	Divide, Renville, Ward, Bouttineau, Towner, Grant and LaMoure Counties				
Date:	Date: 12/06/2023 Lead Designer: Tatyana Fedorenko					
Bid Opening Date: 12/08/2023		JOB#: 23640 Addendum#:	2			

	PLAN SHEET CHANGES					
Section Sheet Description						
8	1	Revise quantity for portable rumble strips to (4) to synch with Section 6-1				
100	100 1 Revise quantity for portable rumble strips to (4) to synch with Section 6-1					

	CHANGES MADE TO BID ITEMS FOR JOB						
Spec	Code	Description	Unit	Previous Quantity	Revised Quantity		
704	1048	PORTABLE RUMBLE STRIPS	EA	12	4		

### **APPROVAL**

Should the revisions described above	be processed as a plan addendum?
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XYes	No	
Jason E	hounson	12/06/23
Jason Thorenson, r.		Date

North Dakota Department of Transportation

### BID OPENING: December 08, 2023

Job 23640

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BID ITEMS	BI	D	IT	Ε	M	٤
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Project: SS-9-999(502) (PCN-23640)

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.

	total. Do not carry unit prices further than three (3) decimal places.								
Item	Spec	Code		Approx. Unit Quantity	Unit Price		Amount		
No.	No.	No.	Description	Unit	Quantity	\$\$\$\$\$	000	\$\$\$\$\$	00
001	103	0100	CONTRACT BOND	L SUM	1.				
002	202	0101	REMOVAL OF CONCRETE	EA	1.				
003	203	0195	EMBANKMENT SPECIAL	L SUM	1.				
004	210	0210	FOUNDATION FILL	CY	97.				
005	255	0101	ECB TYPE 1	SY	44.				
006	256	0200	RIPRAP GRADE II	CY	1.				
007	602	1131	CLASS AE-3 CONCRETE-BOX CULVERT	CY	9.100				
800	612	0114	REINFORCING STEEL-GRADE 60-BOX CULVERT	LBS	555.				
009	702	0100	MOBILIZATION	L SUM	1.				
010	704	0100	FLAGGING	MHR	390.				
011	704	1000	TRAFFIC CONTROL SIGNS	UNIT	1,514.				
012	704	1048	PORTABLE RUMBLE STRIPS	EA	4.				
013	704	1052	TYPE III BARRICADE	EA	6.				
014	704	1060	DELINEATOR DRUMS	EA	24.				
015	930	8230	SHORING	EA	1.				
016	930	9612	SPALL REPAIR	SF	148.				

# BID OPENING: December 08, 2023

Job 23640

North Dakota Department of Transportation	ŀ	Page	6 of	8
	BID ITEMS	Rev:	12/6/2	2023
Project: SS-9-999(502) (PCN-23640)				

	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	Spec	Code			Approx.	Unit Price	Amount		
No.	No.	No.	Description	Unit	Approx. Quantity	\$\$\$\$\$ 000	\$\$\$\$\$	00	
017	930	9671	BOX CULVERT JOINT REPAIR	EA	96.				
018	950	9712	JOINT TREATMENT	LF	8.				
			TOTAL SUM BID						

# **Estimated Quantities**

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-9-999(502)	8	1

SPEC	CODE	ITEM DESCRIPTION	UNIT	Mainline: Funding A	TOTAL
103	0100	CONTRACT BOND	L SUM	1	1
202	0101	REMOVAL OF CONCRETE	EA	1	1
203	0195	EMBANKMENT SPECIAL	L SUM	1	· 1
210	0210	FOUNDATION FILL	CY	97	97
255	0101	ECB TYPE 1	SY	44	44
256	0200	RIPRAP GRADE II	CY	1	1
602	1131	CLASS AE-3 CONCRETE-BOX CULVERT	CY	9.1	9.1
612	0114	REINFORCING STEEL-GRADE 60-BOX CULVERT	LBS	555	555
702	0100	MOBILIZATION	L SUM	1	1
704	0100	FLAGGING	MHR	390	390
704	1000	TRAFFIC CONTROL SIGNS	UNIT	1514	1514
704	1048	PORTABLE RUMBLE STRIPS	EA	4	4
704	1052	TYPE III BARRICADE	EA	6	6
704	1060	DELINEATOR DRUMS	EA	24	24
930	8230	SHORING	EA	1	1
930	9612	SPALL REPAIR	SF	148	148
930	9671	BOX CULVERT JOINT REPAIR	EA	96	96
950	9712	JOINT TREATMENT	LF	8	8

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-9-999(502)	100	1

SIGN NUMBER	SIGN SIZE	DESCRIPTION	AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
E5-1-48	48"x48"	EXIT GORE		35	
G20-1-60 G20-1b-60	60"x24" 60"x24"	ROAD WORK NEXT MILES  NO WORK IN PROGRESS (Sign and installation only)		28 18	
G20-10-60 G20-2-48	48"x24"		4	26	10
G20-2-46 G20-4-36	36"x18"	PILOT CAR FOLLOW ME (Mounted to back of pilot car)	4	18	- 10
G20-4-30 G20-10-108		CONTRACTOR SIGN		70	
G20-10-100 G20-50a-72	72"x36"	ROAD WORK NEXT MILES RT & LT ARROWS		43	
	72"x24"	ROAD WORK NEXT MILES RT or LT ARROW		36	
G20-55-96	96"x48"	SPEED LIMIT ENFORCED - MINIMUM FEE \$80 WHEN WORKERS PRESENT		59	
12-5-96	96"x48"	YOUR HIGHWAY DOLLARS AT WORK		59	
M1-1-36	36"x36"	INTERSTATE ROUTE MARKER (Post and installation only)		10	
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 or LEFT/AHD AND RT or LT		15	
M4-10-48	48"x18"	DETOUR (INSIDE ARROW) RIGHT or LEFT (Mounted on barricade)	2	7	
M5-1-21	21"x15"	ADVANCE TURN ARROW RT or LT(Mounted on route marker post)		7	
M5-1-30	30"x21"	ADVANCE TURN ARROW RT or LT(Mounted on route marker post)		9	
M6-1-21	21"x15"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)		7	
M6-1-30	30"x21"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)		9	
M6-3-21	21"x15"	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)		30	
R2-1-48	48"x60"		8	39	3
R2-1aP-24	24"x18"	MINIMUM FEE \$80 (Mounted on Speed Limit post)	4	10	
R3-2-48	48"x48"	NO LEFT TURN		35	
R4-1-48	48"x60"	DO NOT PASS		39	
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)	2	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"	REVERSE TURN RIGHT or LEFT		35	
W1-4-48	48"x48"	REVERSE CURVE RIGHT or LEFT		35	
W1-4b-48	48"x48"	TWO LANE REVERSE CURVE RIGHT or LEFT		35	
W1-6-48	48"x24"	ONE DIRECTION LARGE ARROW		26	
W3-1-48	48"x48"	STOP AHEAD		35	
W3-3-48	48"x48"	SIGNAL AHEAD		35	
W3-4-48	48"x48"		4	35	1.
W3-5-48	48"x48"		4	35	1
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	
N6-3-48	48"x48"	TWO WAY TRAFFIC		35	
N8-1-48	48"x48"	BUMP BANGMENT ENDO		35	
W8-3-48	48"x48"	PAVEMENT ENDS		35	
N8-7-48	48"x48"	LOOSE GRAVEL		35	
W8-11-48	48"x48"	UNEVEN LANES		35	
W8-12-48	48"x48"	NO CENTER LINE		35	
W8-17-48	48"x48"	SHOULDER DROP-OFF SYMBOL		35	
N8-53-48	48"x48"	TRUCKS ENTERING HIGHWAY		35	
N8-54-48	48"x48"	TRUCKS ENTERING AHEAD or FT or _ MILE		35	
W8-55-48 W8-56-48	48"x48" 48"x48"	TRUCKS CROSSING AHEAD or FT or _ MILE		35 35	
N9-3a-48		TRUCKS EXITING HIGHWAY  CENTER LANE CLOSED SYMBOL			
	48"x48"			35	
W13-1P-30	30"x30"	MPH ADVISORY SPEED PLAQUE (Mounted on warning sign post)  NO PASSING ZONE		14	
W14-3-64	64"x48"		4	28	
W16-2P-30 W20-1-48	30"x24" 48"x48"	FEET PLAQUE (Mounted on warning sign post)  ROAD WORK AHEAD or _FT or _ MILE	4	10 35	1
W20-1-48 W20-2-48	48"x48"	DETOUR AHEAD or FT or MILE	4	35 35	1
W20-2-48 W20-3-48	48"x48"		4	35 35	1
W20-3-46 W20-4-48	46 X46 48"x48"		4	35	1
W20-4-46 W20-5-48	46 X46 48"x48"	RIGHT or CENTER or LEFT LANE CLOSED AHEAD or FT or MILE	4	35 35	- 1
W20-5-46 W20-7-48	46 X46 48"x48"		4	35 35	1
W20-7-46 W20-8-18	18"x18"	STOP - SLOW PADDLE Back to Back	-	5	
		NEXT MILES (Mounted on warning sign post)		12	
		WORKERS		35	
W20-52P-54	18"V10"	TAN CLUBELLOC		333	
W20-52P-54 W21-1-48	48"x48"				
W20-52P-54 W21-1-48 W21-2-48	48"x48"	FRESH OIL		35	
W20-52P-54					

SIGN NUMBER	SIGN SIZE	DESCRIPTION	AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
W21-5b-48	48"x48"	RIGHT or LEFT SHOULDER CLOSED AHEAD or FT or _ MILE		35	
W21-6-48	48"x48"	SURVEY CREW		35	
W21-50-48	48"x48"	BRIDGE PAINTING AHEAD or FT		35	
W21-51-48	48"x48"	MATERIAL ON ROADWAY		35	
W21-52-48	48"x48"	PAVEMENT BREAKS		35	
W21-53-48	48"x48"	RUMBLE STRIPS AHEAD	4	35	140
W22-8-48	48"x48"	FRESH OIL LOOSE ROCK		35	

SPECIAL SIGNS

SPEC & CODE

SPEC &

CODE

704-1050 TYPE I BARRICADES

704-1052 TYPE III BARRICADES

704-1060 DELINEATOR DRUMS

704-1067 TUBULAR MARKERS

704-1072 FLEXIBLE DELINEATORS

704-1080 STACKABLE VERTICAL PANELS

704-1500 OBLITERATION OF PVMT MK

762-0200 RAISED PAVEMENT MARKERS

762-0420 SHORT TERM 4IN LINE - TYPE R 762-0426 SHORT TERM 24IN LINE-TYPE R

762-0430 SHORT TERM 4IN LINE - TYPE NR

704-1081 VERTICAL PANELS - BACK TO BACK

704-1085 SEQUENCING ARROW PANEL - TYPE A 704-1086 SEQUENCING ARROW PANEL - TYPE B

704-1087 SEQUENCING ARROW PANEL - TYPE C

704-3501 PORTABLE PRECAST CONCRETE MED BARRIER

704-3510 PRECAST CONCRETE MED BARRIER - STATE FURNISHED

704-1065 TRAFFIC CONES

704-1070 DELINEATOR

704-1000 TRAFFIC CONTROL SIGNS

If additional signs are required, units will be calculated using the formula from Section III-18.06 of the TOTAL UNITS Design Manual. http://www.dot.nd.gov/ DESCRIPTION UNIT QUANTITY 704-0100 FLAGGING 704-1018 LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL 704-1043 ATTENUATION DEVICE-TYPE B-65 EACH 704-1048 PORTABLE RUMBLE STRIPS

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Structural Repair Various Structures - Statewide

Traffic Control Devices List