



# North Dakota Department of Transportation

Grant Levi, P.E.  
*Director*

Jack Dalrymple  
*Governor*

March 1, 2016

## ADDENDUM 1 – JOB 27

TO: All prospective bidders on project SOIB-4-005(032)113, Job No. 27 scheduled for the March 18, 2016 bid opening.

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

### Plan Revisions:

**Remove and replace sheets 8-1 and 100-1 with the enclosed sheets revised 2/29/16.**

#### Sheet 8-1:

- Item 704-0100 FLAGGING; 40 MHR was added.
- Item 704 1043 ATTENUATION DEVICE-TYPE B-65; 2 EA was added.
- Item 704-1500 OBLITERATION OF PAVEMENT MARKING; 800 SF was added.

#### Sheet 100-1:

The added traffic control items were added to the list.

### Request for Proposal Revisions:

**Remove and replace page 5-6 of 8 of the Proposal pages located at the beginning of the Request for Proposal, with the enclosed page revised 2/29/2016.**

#### Page 5 of 8:

- Item 704-0100 FLAGGING; 40 MHR was added.
- Item 704 1043 ATTENUATION DEVICE-TYPE B-65; 2 EA was added.
- Item 704-1500 OBLITERATION OF PAVEMENT MARKING; 800 SF was added.

#### Page 6 of 8

Items shifted due to added items.

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:plm

Enclosure

608 East Boulevard Avenue • Bismarck, North Dakota 58505-0700  
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BID ITEMS

Project: SOIB-4-005(032)113 (PCN-20847)

**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
001	103	0100	CONTRACT BOND	L SUM	1.				
002	602	0130	CLASS AAE-3 CONCRETE	CY	1.				
003	650	0704	OVERLAY CONCRETE	CY	37.				
004	650	0720	CLASS 1 REMOVAL	SY	618.				
005	650	0721	CLASS 2 REMOVAL	SY	124.				
006	650	0722	CLASS 2-A REMOVAL	LF	222.				
007	650	0723	CLASS 3 REMOVAL	SY	31.				
008	650	0724	CLASS 4 REMOVAL	SY	6.				
009	702	0100	MOBILIZATION	L SUM	1.				
010	704	0100	FLAGGING	MHR	40.				
011	704	1000	TRAFFIC CONTROL SIGNS	UNIT	1,523.				
012	704	1018	LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL	EA	1.				
013	704	1043	ATTENUATION DEVICE-TYPE B-65	EA	2.				
014	704	1052	TYPE III BARRICADE	EA	4.				
015	704	1060	DELINEATOR DRUMS	EA	10.				
016	704	1500	OBLITERATION OF PAVEMENT MARKING	SF	800.				



# ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
<b>ND</b>	SOIB-4-005(032)113	<b>8</b>	<b>1</b>

REVISED 02/29/2016

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
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103	0100 CONTRACT BOND	L SUM	1	1
602	0130 CLASS AAE-3 CONCRETE	CY	1	1
650	0704 OVERLAY CONCRETE	CY	37	37
650	0720 CLASS 1 REMOVAL	SY	618	618
650	0721 CLASS 2 REMOVAL	SY	124	124
650	0722 CLASS 2-A REMOVAL	LF	222	222
650	0723 CLASS 3 REMOVAL	SY	31	31
650	0724 CLASS 4 REMOVAL	SY	6	6
702	0100 MOBILIZATION	L SUM	1	1
704	0100 FLAGGING	MHR	40	40
704	1000 TRAFFIC CONTROL SIGNS	UNIT	1,523	1,523
704	1018 LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL	EA	1	1
704	1043 ATTENUATION DEVICE-TYPE B-65	EA	2	2
704	1052 TYPE III BARRICADE	EA	4	4
704	1060 DELINEATOR DRUMS	EA	10	10
704	1500 OBLITERATION OF PAVEMENT MARKING	SF	800	800
704	3510 PRECAST CONCRETE MED BARRIER-STATE FURNISHED	EA	20	20
762	0420 SHORT TERM 4IN LINE-TYPE R	LF	2,400	2,400
762	0426 SHORT TERM 24IN LINE-TYPE R	LF	24	24
762	1104 PVMT MK PAINTED 4IN LINE	LF	3,500	3,500
950	8673 EXPANSION JOINT MODIFICATION	LF	28	28

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SOIB-4-005(032)113	100	1

SIGN NUMBER	SIGN SIZE	DESCRIPTION	AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
D3-36	36"x6"	STREET NAME SIGN (Sign and installation only)		6	
G20-1-60	60"x24"	ROAD WORK NEXT ___ MILES	2	34	68
G20-1b-60	60"x24"	WORK IN PROGRESS/ NO WORK IN PROGRESS (Sign and installation only)		26	
G20-2-48	48"x24"	END ROAD WORK	2	19	38
G20-4-36	36"x18"	PILOT CAR FOLLOW ME (Mounted to back of pilot car)		18	
G20-10-108	108"x48"	CONTRACTOR SIGN	2	64	128
G20-50a-72	72"x36"	ROAD WORK NEXT ___ MILES RT & LT ARROWS		37	
G20-52a-72	72"x24"	ROAD WORK NEXT ___ MILES RT or LT ARROW		30	
G20-55-96	96"x48"	SPEED LIMIT ENFORCED - MINIMUM FEE \$80 WHEN WORKERS PRESENT	2	59	118
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)	12	10	120
M3-1-24	24"x12"	NORTH (Mounted on route marker post)		7	
M3-2-24	24"x12"	EAST (Mounted on route marker post)	6	7	42
M3-3-24	24"x12"	SOUTH (Mounted on route marker post)		7	
M3-4-24	24"x12"	WEST (Mounted on route marker post)	6	7	42
M4-1-24	24"x12"	ALTERNATE ROUTE	12	7	84
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 ARROW RIGHT or LEFT		23	
M5-1-21	21"x15"	ARROW AHD AND RT or LT (Mounted on route marker post)	3	7	21
M5-2-21	21"x15"	ARROW AHD UP & RT or LT (Mounted on route marker post)		7	
M6-1-21	21"x15"	ARROW RT or LT (Mounted on route marker post)	3	7	21
M6-2-21	21"x15"	ARROW UP & RT or LT (Mounted on route marker post)		7	
M6-3-21	21"x15"	ARROW AHD (Mounted on route marker post)	2	7	14
R1-1-48	48"x48"	STOP		32	
R1-1a-18	18"x18"	STOP and SLOW PADDLE Back to Back		5	
R1-2-60	60"x60"	YIELD		29	
R2-1-48	48"x60"	SPEED LIMIT	4	39	156
R2-1a-24	24"x18"	MINIMUM FEE \$80 (Mounted on Speed Limit post)	2	10	20
R3-7-48	48"x48"	LEFT or RIGHT LANE MUST TURN LEFT or RIGHT		35	
R4-1-48	48"x60"	DO NOT PASS		39	
R4-7-48	48"x60"	KEEP RIGHT SYMBOL		39	
R5-1-48	48"x48"	DO NOT ENTER		35	
R6-1-36	36"x12"	ONE WAY RIGHT or LEFT		13	
R7-1-12	12"x18"	NO PARKING		11	
R10-6-24	24"x36"	STOP HERE ON RED	2	16	32
R11-2-48	48"x30"	ROAD CLOSED		28	
R11-2a-48	48"x30"	STREET CLOSED		28	
R11-3a-60	60"x30"	ROAD CLOSED ___ MILES AHEAD LOCAL TRAFFIC ONLY		31	
R11-3c-60	60"x30"	STREET CLOSED ___ MILES AHEAD LOCAL TRAFFIC ONLY		31	
R11-4a-60	60"x30"	STREET CLOSED TO THRU TRAFFIC		31	
W1-3-48	48"x48"	RIGHT or LEFT SHARP REVERSE CURVE ARROW		35	
W1-4-48	48"x48"	RIGHT or LEFT REVERSE CURVE ARROW	1	35	35
W1-4b-48	48"x48"	DOUBLE RIGHT or LEFT REVERSE CURVE ARROW		35	
W1-6-48	48"x24"	LARGE ARROW		26	
W3-1-48	48"x48"	STOP AHEAD SYMBOL		35	
W3-3-48	48"x48"	SIGNAL AHEAD SYMBOL	2	35	70
W3-4-48	48"x48"	BE PREPARED TO STOP		35	
W3-5-48	48"x48"	SPEED REDUCTION AHEAD	2	35	70
W4-2-48	48"x48"	RIGHT or LEFT LANE TRANSITION SYMBOL		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 SYMBOL		35	
W8-1-48	48"x48"	BUMP		35	
W8-3-48	48"x48"	PAVEMENT ENDS		35	
W8-7-48	48"x48"	LOOSE GRAVEL		35	
W8-9a-48	48"x48"	SHOULDER DROP-OFF		35	
W8-11-48	48"x48"	UNEVEN LANES		35	
W8-12-48	48"x48"	NO CENTER STRIPE		35	
W8-53-48	48"x48"	TRUCKS ENTERING HIGHWAY		35	
W8-54-48	48"x48"	TRUCKS ENTERING AHEAD or ___ FT.		35	
W8-55-48	48"x48"	TRUCKS CROSSING AHEAD or ___ FT.		35	
W8-56-48	48"x48"	TRUCKS EXITING HIGHWAY		35	
W9-3a-48	48"x48"	CENTER LANE CLOSED SYMBOL		35	
W12-2-48	48"x48"	LOW CLEARANCE SYMBOL		35	
W13-1-24	24"x24"	___ MPH ADVISORY SPEED PLATE (Mounted on warning sign post)		11	
W13-4-48	48"x60"	RAMP ARROW		39	
W14-3-48	48"x36"	NO PASSING ZONE		23	
W20-1-48	48"x48"	ROAD WORK AHEAD or ___ FT or ___ MILE	2	35	70
W20-2-48	48"x48"	DETOUR AHEAD or ___ FT		35	
W20-3-48	48"x48"	ROAD or STREET CLOSED AHEAD or ___ FT.		35	
W20-4-48	48"x48"	ONE LANE ROAD AHEAD or ___ FT.	2	35	70
W20-5-48	48"x48"	RIGHT or LEFT LANE CLOSED AHEAD or ___ FT.		35	
W20-7a-48	48"x48"	FLAGGING SYMBOL		35	
W20-7k-24	24"x18"	___ FEET (Mounted on warning sign post)		10	
W20-8-48	48"x48"	STREET CLOSED		35	
W20-51-48	48"x48"	EQUIPMENT WORKING		35	
W20-52-54	54"x12"	NEXT ___ MILES (Mounted on warning sign post)		12	
W21-1a-48	48"x48"	WORKERS SYMBOL		35	
W21-2-48	48"x48"	FRESH OIL		35	

SIGN NUMBER	SIGN SIZE	DESCRIPTION	AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
W21-3-48	48"x48"	ROAD MACHINERY AHEAD or ___ FT			35
W21-5-48	48"x48"	SHOULDER WORK			35
W21-5a-48	48"x48"	RIGHT or LEFT SHOULDER CLOSED			35
W21-5b-48	48"x48"	RIGHT or LEFT SHOULDER CLOSED AHEAD or ___ FT.			35
W21-6a-48	48"x48"	SURVEY CREW AHEAD			35
W21-50-48	48"x48"	BRIDGE PAINTING AHEAD or ___ FT.			35
W21-51-48	48"x48"	MATERIAL ON ROADWAY			35
W22-8-48	48"x48"	FRESH OIL LOOSE ROCK			35
	24"x24"	TAKE TURNS (6" D letters) (Mounted on stop sign post)			11

SPECIAL SIGNS	AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
Consign 1	102"x66"	ALTERNATE ROUTE SOUTH 28 NORTH 52	1 76 76
Consign 2	102"x66"	ALTERNATE ROUTE SOUTH 52 NORTH 28	1 76 76
Consign 3	114"x54"	ND 5 WESTBOND 10 FT LANE WIDE VEHICLES USE ALTERNATE ROUTE	2 72 144
Consign 4	114"x54"	ND 5 EASTBOUND 10 FT LANE WIDE VEHICLES USE ALTERNATE ROUTE	2 72 144

SPEC & CODE	DESCRIPTION	TOTAL UNITS
704-1000	TRAFFIC CONTROL SIGNS	1659

SPEC & CODE	DESCRIPTION	UNIT	QUANTITY
704-0100	FLAGGING	MHR	40
704-1018	LANE CLOSURE-SIGNAL CONTROLLER/FLAGGING CONTROL	EACH	1
704-1041	ATTENUATION DEVICE-TYPE B-55	EACH	
704-1043	ATTENUATION DEVICE-TYPE B-65	EACH	2
704-1044	ATTENUATION DEVICE-TYPE B-70	EACH	
704-1050	TYPE I BARRICADES	EACH	
704-1051	TYPE II BARRICADES	EACH	
704-1052	TYPE III BARRICADES	EACH	4
704-1060	DELINEATOR DRUMS	EACH	10
704-1065	TRAFFIC CONES	EACH	
704-1067	TUBULAR MARKERS	EACH	
704-1070	DELINEATOR	EACH	
704-1072	FLEXIBLE DELINEATORS	EACH	
704-1081	VERTICAL PANELS - BACK TO BACK	EACH	
704-1085	SEQUENCING ARROW PANEL - TYPE A	EACH	
704-1086	SEQUENCING ARROW PANEL - TYPE B	EACH	
704-1087	SEQUENCING ARROW PANEL - TYPE C	EACH	
704-1088	SEQUENCING ARROW PANEL - TYPE C - CROSSOVER	EACH	
704-1095	TYPE B FLASHERS	EACH	
704-1500	OBLITERATION OF PVMT MK	SF	800
704-3501	PORTABLE PRECAST CONCRETE MED BARRIER	LF	
704-3510	PRECAST CONCRETE MED BARRIER - STATE FURNISHED	EACH	20
762-0200	RAISED PAVEMENT MARKERS	EACH	
762-0420	SHORT TERM 4IN LINE - TYPE R	LF	2400
762-0426	SHORT TERM 24IN LINE - TYPE R	LF	24
762-0430	SHORT TERM 4IN LINE - TYPE NR	LF	
772-2110	FLASHING BEACON - POST MOUNTED	EACH	

NOTE:  
If additional signs are required, units will be calculated using the formula from Section III-19.06 of the Design Manual.  
<http://www.dot.nd.gov/>

This document was originally issued and sealed by Scott Woodham, Registration Number PE-3920, on 2/29/16 and the original document is stored at the North Dakota Department of Transportation.

Traffic Control Devices List