

September 2, 2020

ADDENDUM 1 – JOB 1

TO: All prospective bidders on Project IM-1-094(191)166, Job No. 1 scheduled for the September 4, 2020 bid opening.

The following plans and request for proposal revision shall be made:

Plan Revisions:

See attached summary from Kirk J. Hoff, P.E. dated September 2, 2020 for an explanation.

Request for Proposal Revisions:

Remove and replace pages 5 thru 9 of 11 of the Proposal pages located at the beginning of the Request for Proposal with pages revised 9/2/2020.

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 <http://www.bidx.com/> and load it into the AASHTOWare Project Bids program.



PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj

Enclosure

PLAN ADDENDUM SUMMARY AND APPROVAL

Project Information		
Project: IM-1-094(191)166		PCN: 2185
Location: Burleigh County Apple Creek Separation – 7 miles East of West Jct US 83		
Date: 09/02/2020		Lead Designer: Jeff Rensch
Bid Opening Date: 09/04/2020		JOB#: 1 Addendum#: 1
Section	Sheet	Description of Change
Proposal		Add State Option Borrow Agreements to the Proposal
008	1	Changed Item 612-0115 REINFORCING STEEL – GRADE 60 from Qty of 18,940 LBS to Qty of 19,120 LBS
008	2	Added Item 704-3501 PORTABLE PRECAST CONCRETE MED BARRIER – 1920 LF Changed Item 704-3510 PRECAST CONCRETE MED BARRIER – STATE FURNISHED from Qty of 312 EA to Qty of 120 EA
008	3	Sheet changed due to addition of new pay item on Sheet 008-2. Item 764-0145 W-BEAM GUARDRAIL END TERMINAL is now shown on this sheet.
100	1	Added Item Added Item 704-3501 PORTABLE PRECAST CONCRETE MED BARRIER – 1920 LF Changed Item 704-3510 PRECAST CONCRETE MED BARRIER – STATE FURNISHED from Qty of 312 EA to Qty of 120 EA

APPROVAL

Should the revisions described above be processed as a plan addendum?

Yes No

Kirk Hoff /s/
Kirk Hoff, P.E. – Design Engineer

9/2/2020
Date

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

Job # 01, IM-1-094(191)166

Bridge Replacement

INDEX OF PROVISIONS

Road Restriction Permits

Hot Line Notice

NDDOT Supplemental Specifications dated October 1, 2019

Price Schedule for Miscellaneous Items dated October 1, 2014 (PS-1)

SP DBE Program - Race Neutral dated February 1, 2018

E.E.O. Affirmative Action Requirements dated March 15, 2014

Appendix A of the Title VI Assurances dated September 25, 2019

Appendix E of the Title VI Assurances dated September 25, 2019

SP Cargo Preference Act

Required Contract Provisions Federal Aid Construction Contracts
(Form FHWA 1273 Rev. May 1, 2012)

SP Certified Payrolls, dated 9-6-17

SP DBE Project Payment Reporting, dated 10-3-17

Labor Rates from U.S. Department of Labor dated March 20, 2020 (Mod. No. 4)

On-The-Job Training Program dated October 1, 2016

SP 3(14) Temporary Erosion & Sediment Control Measures

SP 4(14) Federal Migratory Bird Treaty Act

SP 281(14) Buy America

SP 282(14) Certificate of Compliance

Revised 9-2-2020

INDEX OF PROVISIONS

Page 2 of 2

SP 453(14) Haul Roads

SP 462(14) Limitations of Operations

SP 576(14) Architectural Surface Finish

SP 1147(14) Winter Suspension

Pathfinder 1 Borrow

Swenson 1 Borrow

SP Fuel Cost Adjustment Clause dated September 8, 2006

BORROW OPTION AGREEMENT - CONTRACTOR

North Dakota Department of Transportation
Environmental & Transportation Services

PCN

2	1	8	5	3
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Project IM-1-094(191)166	County Burleigh
Borrow Area Number Pathfinder 1	COA Number BL-1191

Grantor(s) Pathfinder Land Company Limited Partnership				
Grantor(s) Address PO Box 192		City Beresford	State SD	ZIP Code 57004
Contact(s) Clark Nelson		Telephone Number(s) 651-747-7785		
Location N½N½	Section 26	Township 139	Range 79	
Approximate Total Borrow Cubic Yards 25000		Purchase Price Per Cubic Yard \$0.80		
Legal Description of Optioned Area: Approximately 13.31 acres located in N½N½ of 26/139/79, Burleigh County, North Dakota (See exhibit A)				

If any material is removed from the option site, NDDOT or its assigns (Contractor), will perform the following:

NDDOT Responsibilities
1. Pay cash rent on the disturbed acreage at the rate of \$ <u>75.00</u> per acre. If the optioned area is still being utilized for borrow after May 15th of the following year, an additional year's cash rent will be paid.
2. Make an additional rehabilitation payment on the disturbed acreage in the sum of \$ <u>75.00</u> per acre.
3. Make an additional payment of \$ <u>300.00</u> per acre if the area excavated was seeded when the work commenced.(Cropland input cost as determined by NDDOT.)
4. Final Payment will be made AFTER Pit Release is turned in and complete.

Contractor Responsibilities
1. The Contractor will contact the Grantor(s) to determine a removal plan and final leveling requirements. A copy of the final plan signed by the Grantor(s) and Contractor will be submitted to the NDDOT engineer before any borrow is removed.
2. \$ <u>10,000.00</u> Total agreed upon minimum payment shall be paid as follows: a. Within 30 days of opening the borrow pit, the Contractor shall make an initial payment of \$ <u>8,000.00</u> to the Grantor(s). b. The remaining balance of the minimum payment (\$ <u>2,000.00</u>) plus the remaining balance of the royalty payment (based on the total amount of borrow quantity removed) shall be made by the contractor within 30 days after the Contractor has obtained a pit release from the Grantor(s).
3. Prior to excavation of material, a minimum depth of 6" topsoil will be stripped. In those areas where topsoil depth is in excess of 6", a maximum of 12" will be stripped. When the excavation work is completed the topsoil will be redistributed over the disturbed area. Adequate drainage will be provided as part of the reclamation of the disturbed property. If the reclaimed area is not cropland, it will be seeded to grass unless otherwise requested by the Grantor(s) within this agreement.

Additional Conditions:
Disturbed acres will be tilled prior to redistributing topsoil. Total quantity may be less than specified if contractor works with Bismarck District to obtain some borrow from NDDOT ROW. Any crop Damage/loss payment(s) will be paid to the tenant, Ron Aberle.

Contractor shall notify the Grantor(s) in writing that they are exercising NDDOT's option and promptly present a detailed excavation plan to the Grantor(s).

Grantor(s) Initials <u>DCN</u> <u>7/29/2020</u>	Date <u>7/22/2020</u> <u>7/22/2020</u>
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BORROW OPTION AGREEMENT - CONTRACTOR

North Dakota Department of Transportation
Environmental & Transportation Services

PCN				
2	1	8	5	3

Project IM-1-094(191)166	County Burleigh
Borrow Area Number Swenson 1	COA Number

Grantor(s) Rodney Swenson, Trustee of the Robert S. Swenson and Ruth ^{D.} B. Swenson Revocable Living Trust dated 11/9/95 of 6800 71st Avenue NE, Bismarck, ND 58501 <i>RS</i>			
Grantor(s) Address 6800 71st Avenue NE	City Bismarck	State ND	ZIP Code 58501
Contact(s) Rodney Swenson	Telephone Number(s) 701-391-6418		
Location W $\frac{1}{2}$ W $\frac{1}{2}$	Section 23	Township 139	Range 79
Approximate Total Borrow Cubic Yards 25000	Purchase Price Per Cubic Yard \$0.80		
Legal Description of Optioned Area: Approximately 19.07 acres within the W $\frac{1}{2}$ W $\frac{1}{2}$ of 23/139/79, Burleigh County, North Dakota			

If any material is removed from the option site, NDDOT or its assigns (Contractor), will perform the following:

NDDOT Responsibilities
1. Pay cash rent on the disturbed acreage at the rate of \$ <u>60.00</u> per acre. If the optioned area is still being utilized for borrow after May 15th of the following year, an additional year's cash rent will be paid.
2. Make an additional rehabilitation payment on the disturbed acreage in the sum of \$ <u>60.00</u> per acre.
3. Make an additional payment of \$ <u>300.00</u> per acre if the area excavated was seeded when the work commenced.(Cropland input cost as determined by NDDOT.)
4. Final Payment will be made AFTER Pit Release is turned in and complete.

Contractor Responsibilities
1. The Contractor will contact the Grantor(s) to determine a removal plan and final leveling requirements. A copy of the final plan signed by the Grantor(s) and Contractor will be submitted to the NDDOT engineer before any borrow is removed.
2. \$ <u>10,000.00</u> Total agreed upon minimum payment shall be paid as follows: a. Within 30 days of opening the borrow pit, the Contractor shall make an initial payment of \$ <u>8,000.00</u> to the Grantor(s). b. The remaining balance of the minimum payment (\$ <u>2,000.00</u>) plus the remaining balance of the royalty payment (based on the total amount of borrow quantity removed) shall be made by the contractor within 30 days after the Contractor has obtained a pit release from the Grantor(s).
3. Prior to excavation of material, a minimum depth of 6" topsoil will be stripped. In those areas where topsoil depth is in excess of 6", a maximum of 12" will be stripped. When the excavation work is completed the topsoil will be redistributed over the disturbed area. Adequate drainage will be provided as part of the reclamation of the disturbed property. If the reclaimed area is not cropland, it will be seeded to grass unless otherwise requested by the Grantor(s) within this agreement.

Additional Conditions: Remove and stockpile 12" of topsoil. Disturbed acres will be tilled prior to redistributing topsoil.
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Contractor shall notify the Grantor(s) in writing that they are exercising NDDOT's option and promptly present a detailed excavation plan to the Grantor(s).

Grantor(s) Initials <i>RS</i>	Date <i>6-3-20</i>
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BID ITEMS

Project: IM-1-094(191)166 (PCN-21853)

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	202	0105	REMOVAL OF STRUCTURE	L SUM	1.				
003	202	0113	REMOVAL OF CONCRETE	CY	8.				
004	202	0132	REMOVAL OF BITUMINOUS SURFACING	SY	635.				
005	202	0174	REMOVAL OF PIPE ALL TYPES AND SIZES	LF	20.				
006	202	0312	REMOVE EXISTING FENCE	LF	3,952.				
007	203	0101	COMMON EXCAVATION-TYPE A	CY	1,429.				
008	203	0109	TOPSOIL	CY	9,622.				
009	203	0122	TOPSOIL-DEPT OPTION BORROW AREA	CY	22,586.				
010	203	0140	BORROW-EXCAVATION	CY	51,667.				
011	210	0099	CLASS 1 EXCAVATION	L SUM	1.				
012	210	0201	FOUNDATION PREPARATION	EA	1.				
013	216	0100	WATER	M GAL	700.				
014	251	0200	SEEDING CLASS II	ACRE	21.930				
015	251	2000	TEMPORARY COVER CROP	ACRE	21.930				
016	253	0101	STRAW MULCH	ACRE	33.860				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
017	255	0102	ECB TYPE 2	SY	158.				
018	255	0201	TRM TYPE 1	SY	520.				
019	260	0200	SILT FENCE SUPPORTED	LF	4,065.				
020	260	0201	REMOVE SILT FENCE SUPPORTED	LF	4,065.				
021	261	0112	FIBER ROLLS 12IN	LF	10,450.				
022	261	0113	REMOVE FIBER ROLLS 12IN	LF	3,630.				
023	302	0356	AGGREGATE SURFACE COURSE CL 13	TON	6,526.				
024	401	0060	PRIME COAT	GAL	4,010.				
025	401	0160	BLOTTER MATERIAL CL 44	TON	70.				
026	602	0130	CLASS AAE-3 CONCRETE	CY	393.200				
027	602	1130	CLASS AE-3 CONCRETE	CY	136.				
028	602	1134	PILE SUPPORTED APPROACH SLAB	SY	153.400				
029	602	1220	SINGLE SLOPE BARRIER	LF	109.				
030	602	1250	PENETRATING WATER REPELLENT TREATMENT	SY	1,390.				
031	604	9925	PRESTRESSED I-BEAM-72IN	LF	1,350.				
032	612	0115	REINFORCING STEEL-GRADE 60	LBS	19,120.				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
033	612	0116	REINFORCING STEEL-GRADE 60-EPOXY COATED	LBS	87,209.				
034	622	0020	STEEL PILING HP 10 X 42	LF	960.				
035	622	0070	STEEL PILING HP 14 X 102	LF	1,950.				
036	702	0100	MOBILIZATION	L SUM	1.				
037	704	0100	FLAGGING	MHR	400.				
038	704	1000	TRAFFIC CONTROL SIGNS	UNIT	2,891.				
039	704	1045	ATTENUATION DEVICE-TYPE B-75	EA	8.				
040	704	1052	TYPE III BARRICADE	EA	10.				
041	704	1060	DELINEATOR DRUMS	EA	136.				
042	704	1067	TUBULAR MARKERS	EA	280.				
043	704	1087	SEQUENCING ARROW PANEL-TYPE C	EA	2.				
044	704	3501	PORTABLE PRECAST CONCRETE MED BARRIER	LF	1,920.				
045	704	3510	PRECAST CONCRETE MED BARRIER-STATE FURNISHED	EA	120.				
046	714	0310	PIPE CONC REINF 18IN CL III	LF	12.				
047	714	4099	PIPE CONDUIT 18IN-APPROACH	LF	92.				
048	714	4106	PIPE CONDUIT 24IN-APPROACH	LF	56.				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
049	714	7030	PIPE PVC 12IN	LF	335.				
050	714	9660	REMOVE & RELAY END SECTION-ALL TYPE & SIZES	EA	1.				
051	720	0110	RIGHT OF WAY MARKERS	EA	27.				
052	720	0125	ALIGNMENT MONUMENTS	EA	2.				
053	720	0130	IRON PIN R/W MONUMENTS	EA	21.				
054	720	0135	IRON PIN REFERENCE MONUMENTS	EA	4.				
055	748	0141	CURB & GUTTER-TYPE 1 SPECIAL	LF	60.				
056	752	0200	FENCE BARBED WIRE 4 STRAND	LF	790.				
057	752	0400	FENCE BARBED WIRE 5 STRAND	LF	2,000.				
058	752	0993	FENCE TERMINAL	EA	4.				
059	752	3140	CORNER ASSEMBLY BARBED WIRE	EA	2.				
060	752	4100	DOUBLE BRACE ASSEMBLY BARBED WIRE	EA	2.				
061	754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	38.				
062	754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	96.				
063	754	0592	RESET SIGN PANEL	EA	1.				
064	754	0593	RESET SIGN SUPPORT	EA	1.				

BID ITEMS

Project: IM-1-094(191)166 (PCN-21853)

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
065	754	0805	OBJECT MARKERS - CULVERTS	EA	1.				
066	764	0131	W-BEAM GUARDRAIL	LF	362.				
067	764	0145	W-BEAM GUARDRAIL END TERMINAL	EA	4.				
068	764	0151	REMOVE W-BEAM GUARDRAIL & POSTS	LF	765.				
069	764	2081	REMOVE END TREATMENT & TRANSITION	EA	6.				
070	764	8080	MODIFY BARREL ATTENUATION DEVICE	EA	2.				
071	766	0100	MAILBOX-ALL TYPES	EA	1.				
072	930	3000	BRIDGE BENCH MARKS	SET	1.				
073	930	7012	ROADWAY CANOPY	L SUM	1.				
074	930	8600	ELASTOMERIC BEARING PAD	SF	40.				
075	930	8686	AGGREGATE SLOPE PROTECTION	SY	426.				
076	930	9537	ABUTMENT UNDERDRAIN SYSTEM	EA	2.				
			TOTAL SUM BID						

ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	IM-1-094(191)166	8	1

REVISED 09/02/2020

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
-----	-----	-----	-----	-----
103	0100 CONTRACT BOND	L SUM	1	1
202	0105 REMOVAL OF STRUCTURE	L SUM	1	1
202	0113 REMOVAL OF CONCRETE	CY	8	8
202	0132 REMOVAL OF BITUMINOUS SURFACING	SY	635	635
202	0174 REMOVAL OF PIPE ALL TYPES AND SIZES	LF	20	20
202	0312 REMOVE EXISTING FENCE	LF	3,952	3,952
203	0101 COMMON EXCAVATION-TYPE A	CY	1,429	1,429
203	0109 TOPSOIL	CY	9,622	9,622
203	0122 TOPSOIL-DEPT OPTION BORROW AREA	CY	22,586	22,586
203	0140 BORROW-EXCAVATION	CY	51,667	51,667
210	0099 CLASS 1 EXCAVATION	L SUM	1	1
210	0201 FOUNDATION PREPARATION	EA	1	1
216	0100 WATER	M GAL	700	700
251	0200 SEEDING CLASS II	ACRE	21.93	21.93
251	2000 TEMPORARY COVER CROP	ACRE	21.93	21.93
253	0101 STRAW MULCH	ACRE	33.86	33.86
255	0102 ECB TYPE 2	SY	158	158
255	0201 TRM TYPE 1	SY	520	520
260	0200 SILT FENCE SUPPORTED	LF	4,065	4,065
260	0201 REMOVE SILT FENCE SUPPORTED	LF	4,065	4,065
261	0112 FIBER ROLLS 12IN	LF	10,450	10,450
261	0113 REMOVE FIBER ROLLS 12IN	LF	3,630	3,630
302	0356 AGGREGATE SURFACE COURSE CL 13	TON	6,526	6,526
401	0060 PRIME COAT	GAL	4,010	4,010
401	0160 BLOTTER MATERIAL CL 44	TON	70	70
602	0130 CLASS AAE-3 CONCRETE	CY	393.2	393.2
602	1130 CLASS AE-3 CONCRETE	CY	136	136
602	1134 PILE SUPPORTED APPROACH SLAB	SY	153.4	153.4
602	1220 SINGLE SLOPE BARRIER	LF	109	109
602	1250 PENETRATING WATER REPELLENT TREATMENT	SY	1,390	1,390
604	9925 PRESTRESSED I-BEAM-72IN	LF	1,350	1,350
612	0115 REINFORCING STEEL-GRADE 60	LBS	19,120	19,120
612	0116 REINFORCING STEEL-GRADE 60-EPOXY COATED	LBS	87,209	87,209

ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	IM-1-094(191)166	8	2

REVISED 09/02/2020

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
-----	-----	-----	-----	-----
622	0020 STEEL PILING HP 10 X 42	LF	960	960
622	0070 STEEL PILING HP 14 X 102	LF	1,950	1,950
702	0100 MOBILIZATION	L SUM	1	1
704	0100 FLAGGING	MHR	400	400
704	1000 TRAFFIC CONTROL SIGNS	UNIT	2,891	2,891
704	1045 ATTENUATION DEVICE-TYPE B-75	EA	8	8
704	1052 TYPE III BARRICADE	EA	10	10
704	1060 DELINEATOR DRUMS	EA	136	136
704	1067 TUBULAR MARKERS	EA	280	280
704	1087 SEQUENCING ARROW PANEL-TYPE C	EA	2	2
704	3501 PORTABLE PRECAST CONCRETE MED BARRIER	LF	1,920	1,920
704	3510 PRECAST CONCRETE MED BARRIER-STATE FURNISHED	EA	120	120
714	0310 PIPE CONC REINF 18IN CL III	LF	12	12
714	4099 PIPE CONDUIT 18IN-APPROACH	LF	92	92
714	4106 PIPE CONDUIT 24IN-APPROACH	LF	56	56
714	7030 PIPE PVC 12IN	LF	335	335
714	9660 REMOVE & RELAY END SECTION-ALL TYPE & SIZES	EA	1	1
720	0110 RIGHT OF WAY MARKERS	EA	27	27
720	0125 ALIGNMENT MONUMENTS	EA	2	2
720	0130 IRON PIN R/W MONUMENTS	EA	21	21
720	0135 IRON PIN REFERENCE MONUMENTS	EA	4	4
748	0141 CURB & GUTTER-TYPE 1 SPECIAL	LF	60	60
752	0200 FENCE BARBED WIRE 4 STRAND	LF	790	790
752	0400 FENCE BARBED WIRE 5 STRAND	LF	2,000	2,000
752	0993 FENCE TERMINAL	EA	4	4
752	3140 CORNER ASSEMBLY BARBED WIRE	EA	2	2
752	4100 DOUBLE BRACE ASSEMBLY BARBED WIRE	EA	2	2
754	0112 FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	38	38
754	0206 STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	96	96
754	0592 RESET SIGN PANEL	EA	1	1
754	0593 RESET SIGN SUPPORT	EA	1	1
754	0805 OBJECT MARKERS - CULVERTS	EA	1	1
764	0131 W-BEAM GUARDRAIL	LF	362	362

ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	IM-1-094(191)166	8	3

REVISED 09/02/2020

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
-----	-----	-----	-----	-----
764	0145 W-BEAM GUARDRAIL END TERMINAL	EA	4	4
764	0151 REMOVE W-BEAM GUARDRAIL & POSTS	LF	765	765
764	2081 REMOVE END TREATMENT & TRANSITION	EA	6	6
764	8080 MODIFY BARREL ATTENUATION DEVICE	EA	2	2
766	0100 MAILBOX-ALL TYPES	EA	1	1
930	3000 BRIDGE BENCH MARKS	SET	1	1
930	7012 ROADWAY CANOPY	L SUM	1	1
930	8600 ELASTOMERIC BEARING PAD	SF	40	40
930	8686 AGGREGATE SLOPE PROTECTION	SY	426	426
930	9537 ABUTMENT UNDERDRAIN SYSTEM	EA	2	2

