



# North Dakota Department of Transportation

Grant Levi, P.E.  
Director

Jack Dalrymple  
Governor

December 10, 2015

## ADDENDUM 1 – JOB 4

TO: All prospective bidders on project SNH-1-200(063)916, Job No. 4, scheduled for the December 16, 2015 bid opening.

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

### Plan Revisions:

**Remove and replace sheet 6-2, 8-1, 20-1, 76-1, 76-2, 77-1 and 77-2 with the enclosed sheets revised 12/9/2015.**

#### Sheet 6-2:

Note 261-P01 FIBER ROLLS 12 IN has been added.

#### Sheet 8-1:

Item 261 0112 FIBER ROLLS 12IN quantity has decreased from 25,401 to 15,976 LF.

#### Sheet 20-1:

Layout for 12" Fiber Rolls has been revised.

Line work to show ECB placement has been added.

#### Sheet 76-1 and 76-2:

Line work showing plan view of Backslope Bench has been revised.

#### Sheets 77-1 and 77-2:

Line work showing plan view of Backslope Bench has been revised.

Layout and quantity of 12" Fiber Rolls has been revised.

### Request for Proposal Revisions:

**Remove and replace page 8 of 12 of the Proposal pages located at the beginning of the Request for Proposal, with the enclosed page revised 12/10/2015.**

#### Page 8 of 12:

Item 261 0112 FIBER ROLLS 12IN quantity has decreased from 25,401 to 15,976 LF.

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

BID ITEMS

Project: SNH-1-200(063)916 (PCN-19329)

**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
017	261	0112	FIBER ROLLS 12IN	LF	15,976.				
018	261	0113	REMOVE FIBER ROLLS 12IN	LF	6,420.				
019	265	0100	STABILIZED CONSTRUCTION ACCESS	EA	1.				
020	265	0101	REMOVE STABILIZED CONSTRUCTION ACCESS	EA	1.				
021	302	0050	TRAFFIC SERVICE AGGREGATE	TON	1,250.				
022	302	0100	SALVAGED BASE COURSE	TON	9,827.				
023	401	0050	TACK COAT	GAL	456.				
024	401	0060	PRIME COAT	GAL	2,569.				
025	401	0160	BLOTTER MATERIAL CL 44	TON	77.				
026	411	0105	MILLING PAVEMENT SURFACE	SY	400.				
027	430	0500	COMMERCIAL GRADE HOT MIX ASPHALT	TON	2,489.				
028	430	5828	PG 58-28 ASPHALT CEMENT	TON	146.800				
029	702	0100	MOBILIZATION	L SUM	1.				
030	704	0100	FLAGGING	MHR	1,500.				
031	704	1000	TRAFFIC CONTROL SIGNS	UNIT	1,087.				
032	704	1060	DELINEATOR DRUMS	EA	102.				

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SNH-1-200(063)916	6	2

**NOTES**

261-P01 FIBER ROLLS 12 IN: In areas to be protected with ECB Type 2, install permanent fiber rolls atop the ECB. Trenching for installation of permanent fiber rolls installed over the ECB will not be required.

302-P01 TRAFFIC SERVICE AGGREGATE: 1,250 tons of Traffic Service Aggregate has been provided for maintaining traffic. This is sufficient quantity for a single lift, 24' wide and 4" deep for the entire length of the realignment.

Of the quantity stated above, the contractor shall provide a stockpile of Traffic Service Aggregate within the project limits or within a 15-minute distance from the project site. A quantity of 600 tons of Traffic Service Aggregate shall be available prior to removing the existing bituminous surfacing on ND 200A. This material will be used for repairs as requested by the Engineer. All costs to obtain this stockpile site will be the responsibility of the contractor. This site shall be cleared as described in Section 107.05 of the Standard Specifications.

The payment for material will cover all costs associated with the stockpiling of the material, and the delivery of the material to the repair site or graded roadbed as directed by the Engineer. All costs to perform this above described work shall be included in the price bid for "Traffic Service Aggregate".

411-P01 MILLING SECTIONS: At the beginning and end of milling sections, the existing bituminous material shall be removed to form a straight vertical edge to allow placement of the full depth of surfacing. All material removed in these operations shall become the property of the contractor and shall be disposed of off the right of way. All costs to perform the above described work shall be included in the price bid for "Milling Pavement Surface".

411-P02 TEMPORARY ASPHALT WEDGES: The Contractor shall place temporary asphalt wedges at the end of the project to allow smooth passage of vehicles at these milled locations. The temporary wedges shall be placed on these milled areas prior to the traffic being allowed back on the milled roadway section. Milled material shall not be used for wedges. All costs associated with labor, materials and equipment for the installation and removal of the asphalt wedges shall be included in the price bid for "Milling Pavement Surface".

430-P01 COMMERCIAL GRADE HOT MIX ASPHALT: The Hot Mix Asphalt shall be placed in accordance with Section 430.03F, with the following revisions:

- The Hot Mix Asphalt provided by the Contractor shall meet the requirements of Superpave FAA 43 shown in Section 430.03 C of the Standard Specifications
- Compaction shall meet the requirements of Section 430.04 I.3 "Ordinary Compaction".
- Acceptance of material shall be in accordance with Section 105.07 of the Standard Specifications.

704-P01 TRAFFIC CONTROL: The traffic control for the construction of the project shall consist of one-lane road closures, shoulder closures, flagging, and pilot car operations. Pilot car is only required for grading and paving operations and transition from the existing roadway to the proposed roadway. The traffic control devices shall comply with the following Standard Drawings:

D-704-5, Contractor sign is applicable  
 D-704-7, 8, 9, 10, 11, 12, 13, 14 and 50 are applicable

D-704-15, Layout Type A used to develop the traffic control layout plan sheet as shown in Section 100.  
 D-704-22, Layout Type K for construction trucks hauling material.  
 D-704-24, Layout Type U used to develop the traffic control layout plan sheet as shown in Section 100.  
 D-704-26, Layout Type CC and FF used to develop the traffic control layout plan sheet as shown in Section 100.  
 D-704-27, for pavement marking  
 D-704-56, for grinding shoulder rumble strips

The contractor will be required to provide a traversable shoulder and/or foreslope after working hours throughout the project. A traversable slope is defined as having a cross-slope of 4:1 or flatter and drop-offs 2" or less. If a traversable slope cannot be provided, the Contractor shall provide 24 hour flagging and traffic control at their expense until a traversable slope can be constructed.

The required traffic control signs and devices are included in the "Traffic Control Devices List" and will be measured and paid at the Contract Unit Price for each device. Additional devices required to accommodate the Contractor's operation shall be the Contractor's responsibility.

714-P01 UNDERDRAIN SYSTEM: The underdrain system shall consist of a fabric wrapped 6" drainage pipe placed in a trench and backfilled with class 43 drainage aggregate and earth fill. All work and materials required to install the underdrain system shall be included in the unit price bid for "Pipe Polyethylene Corr Perf 6in Drain".

The NDDOT Materials and Research Geotechnical Section shall be contacted a minimum of one week prior to the installation of the underdrain system.

714-P02 HEADWALL PRECAST CONCRETE 6IN: Each headwall shall be provided with a rodent screen that fits snugly into the headwall so mice and other rodents are unable to enter the drain. The rodent screens must be removable. The Contractor will not be permitted to grout the screens into place. All costs associated with the rodent screens and installation will be included in the unit price bid for "Headwall Precast Concrete 6in".

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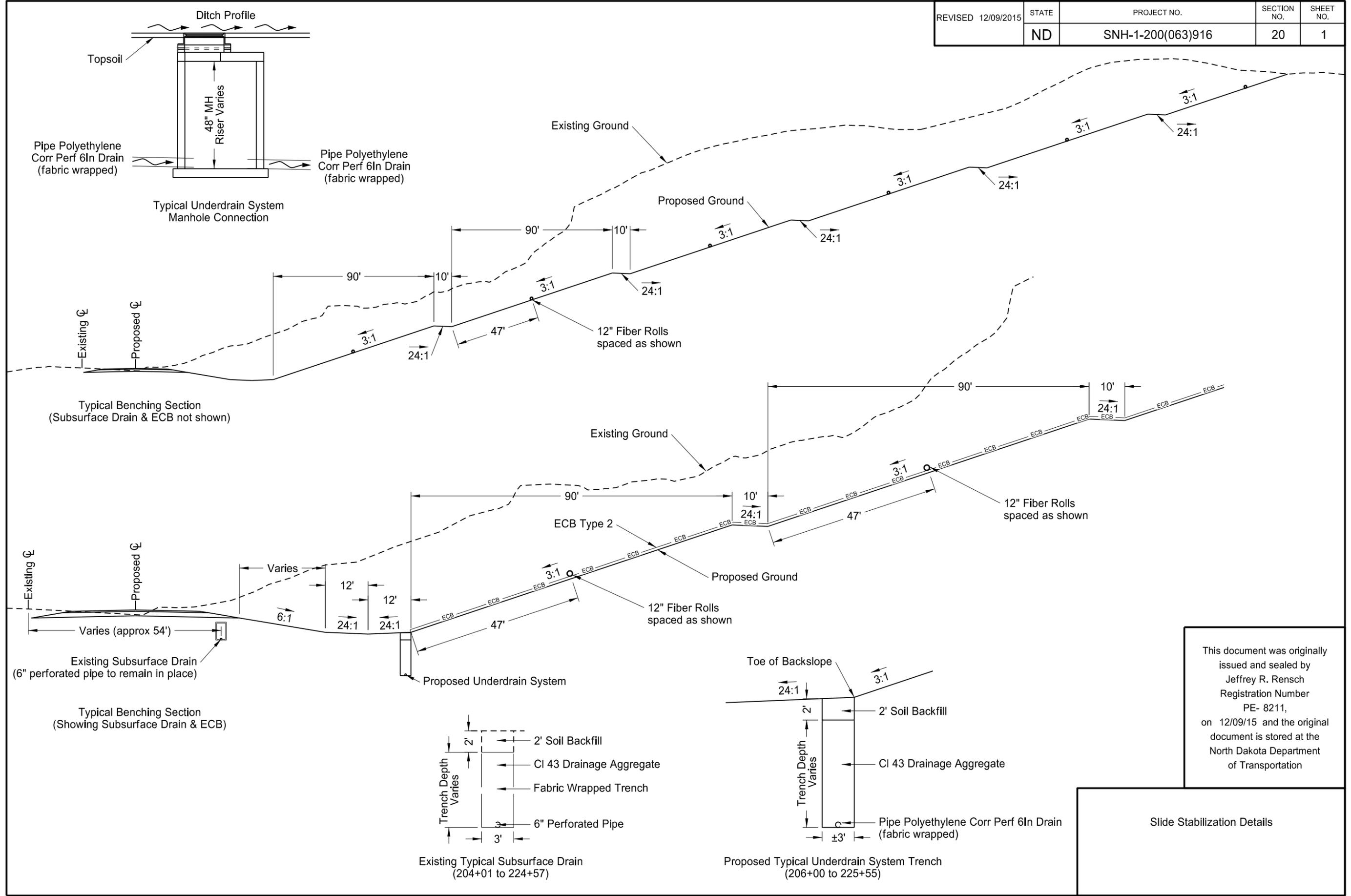
# ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
<b>ND</b>	SNH-1-200(063)916	<b>8</b>	<b>1</b>

REVISED 12/09/2015

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
-----	-----	-----	-----	-----
103	0100 CONTRACT BOND	L SUM	1	1
201	0330 CLEARING & GRUBBING	L SUM	1	1
202	0135 REMOVAL OF BITUMINOUS SURFACING	TON	8,982	8,982
202	0174 REMOVAL OF PIPE ALL TYPES AND SIZES	LF	124	124
203	0101 COMMON EXCAVATION-TYPE A	CY	2,888	2,888
203	0109 TOPSOIL	CY	8,189	8,189
203	0113 COMMON EXCAVATION-WASTE	CY	362,497	362,497
203	0119 TOPSOIL-IMPORTED	CY	5,745	5,745
216	0100 WATER	M GAL	272	272
230	0300 SUBGRADE PREPARATION-TYPE A	STA	13	13
251	0200 SEEDING CLASS II	ACRE	25.909	25.909
251	2000 TEMPORARY COVER CROP	ACRE	25.909	25.909
253	0101 STRAW MULCH	ACRE	15.227	15.227
255	0102 ECB TYPE 2	SY	51,794	51,794
260	0200 SILT FENCE SUPPORTED	LF	900	900
260	0201 REMOVE SILT FENCE SUPPORTED	LF	900	900
261	0112 FIBER ROLLS 12IN	LF	15,976	15,976
261	0113 REMOVE FIBER ROLLS 12IN	LF	6,420	6,420
265	0100 STABILIZED CONSTRUCTION ACCESS	EA	1	1
265	0101 REMOVE STABILIZED CONSTRUCTION ACCESS	EA	1	1
302	0050 TRAFFIC SERVICE AGGREGATE	TON	1,250	1,250
302	0100 SALVAGED BASE COURSE	TON	9,827	9,827
401	0050 TACK COAT	GAL	456	456
401	0060 PRIME COAT	GAL	2,569	2,569
401	0160 BLOTTER MATERIAL CL 44	TON	77	77
411	0105 MILLING PAVEMENT SURFACE	SY	400	400
430	0500 COMMERCIAL GRADE HOT MIX ASPHALT	TON	2,489	2,489
430	5828 PG 58-28 ASPHALT CEMENT	TON	146.8	146.8
702	0100 MOBILIZATION	L SUM	1	1
704	0100 FLAGGING	MHR	1,500	1,500
704	1000 TRAFFIC CONTROL SIGNS	UNIT	1,087	1,087
704	1060 DELINEATOR DRUMS	EA	102	102
704	1067 TUBULAR MARKERS	EA	92	92

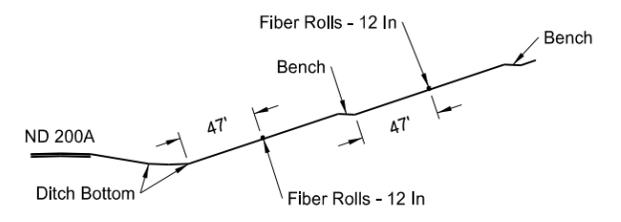
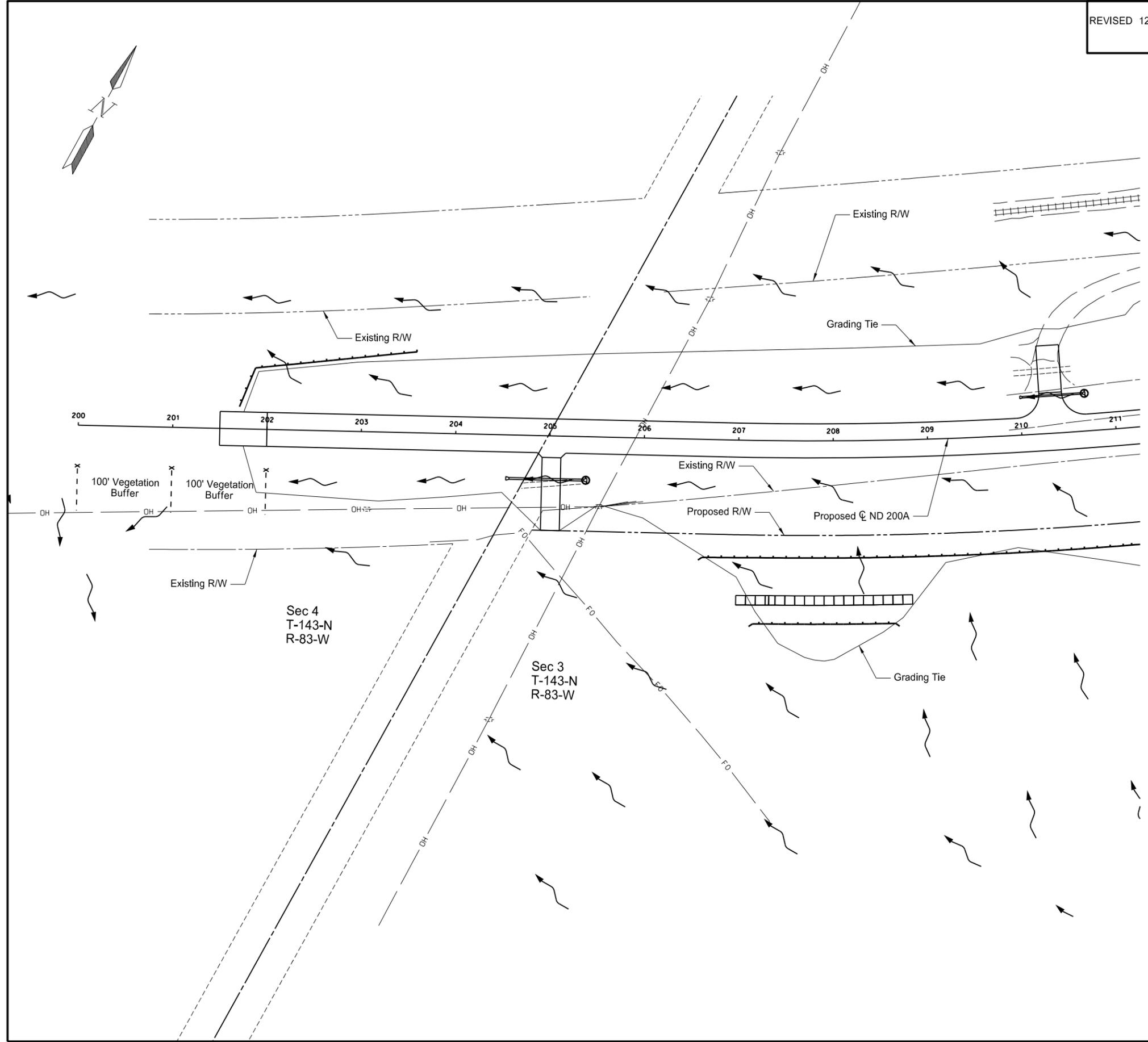
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	ND	SNH-1-200(063)916	20	1



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Slide Stabilization Details

SPEC	CODE	BID ITEM	UNIT	QUANTITY
260	200	<b>SILT FENCE SUPPORTED</b>		
		Right Ditch Bottom	LF	150
260	201	<b>REMOVE SILT FENCE SUPPORTED</b>		
		Right Ditch Bottom	LF	150
261	112	<b>FIBER ROLLS 12IN</b>		
		Culvert Inlet Protection	LF	50
		North Foreslope	LF	215
		South Backslope	LF	615
261	113	<b>REMOVE FIBER ROLLS 12IN</b>		
		Culvert Inlet Protection	LF	50
		North Foreslope	LF	215
		South Backslope	LF	615



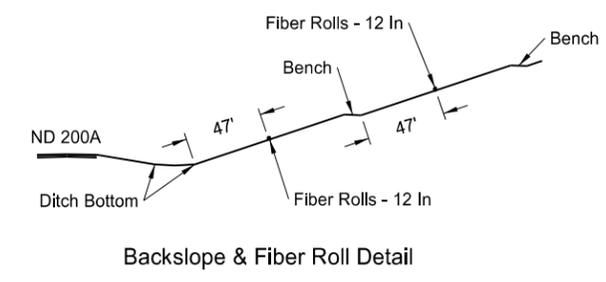
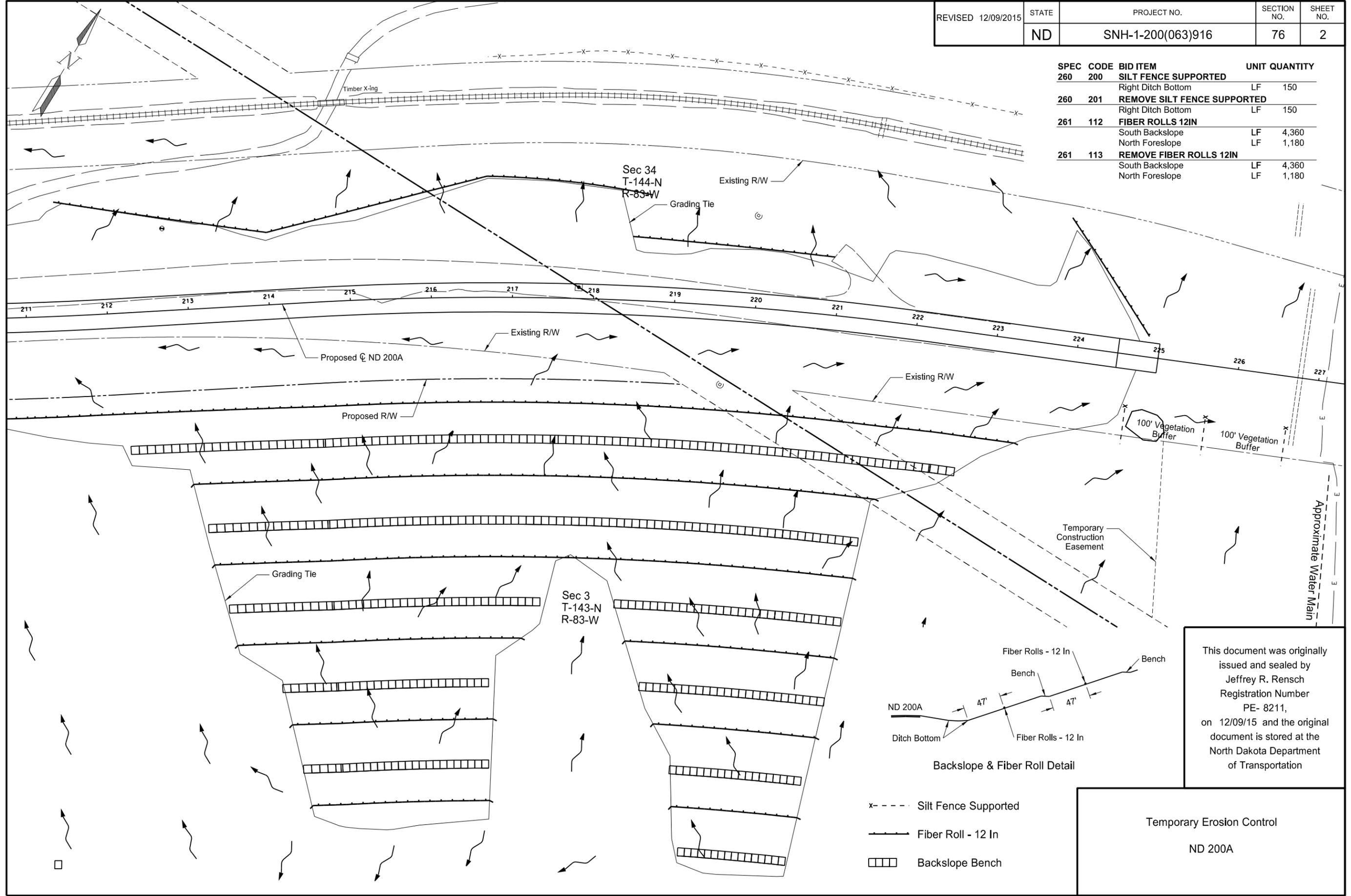
Backslope & Fiber Roll Detail

- x- - - - Silt Fence Supported
- Fiber Roll - 12 In
- Backslope Bench

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Temporary Erosion Control  
ND 200A

SPEC	CODE	BID ITEM	UNIT	QUANTITY
260	200	<b>SILT FENCE SUPPORTED</b>		
		Right Ditch Bottom	LF	150
260	201	<b>REMOVE SILT FENCE SUPPORTED</b>		
		Right Ditch Bottom	LF	150
261	112	<b>FIBER ROLLS 12IN</b>		
		South Backslope	LF	4,360
		North Foreslope	LF	1,180
261	113	<b>REMOVE FIBER ROLLS 12IN</b>		
		South Backslope	LF	4,360
		North Foreslope	LF	1,180

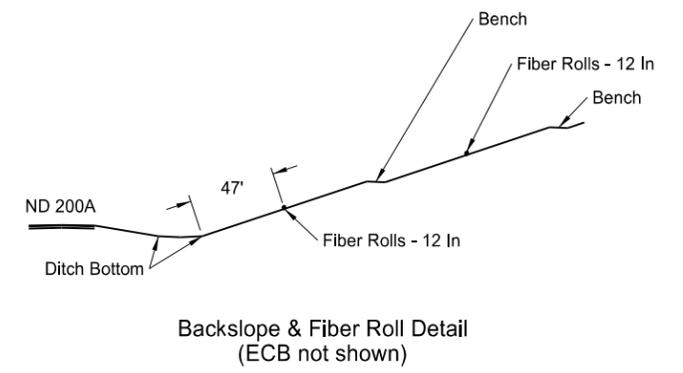
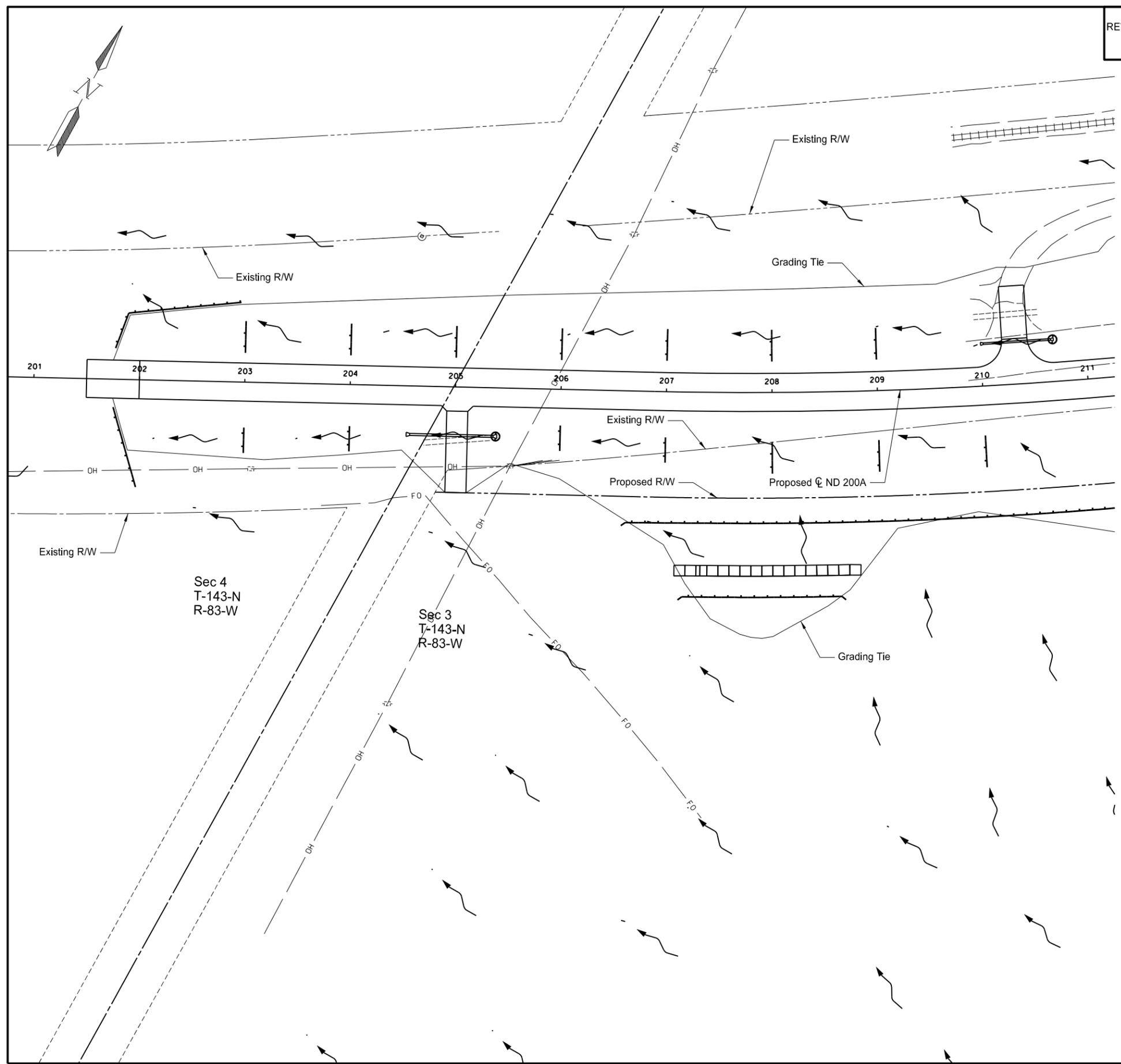


- x- - - Silt Fence Supported
- Fiber Roll - 12 In
- Backslope Bench

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Temporary Erosion Control  
ND 200A

SPEC	CODE	BID ITEM	UNIT	QUANTITY
261	112	<b>FIBER ROLLS 12IN</b>		
		Culvert Inlet Protection	LF	50
		Right Ditch Bottom	LF	266
		Left Ditch Bottom	LF	355
		South Backslope	LF	615

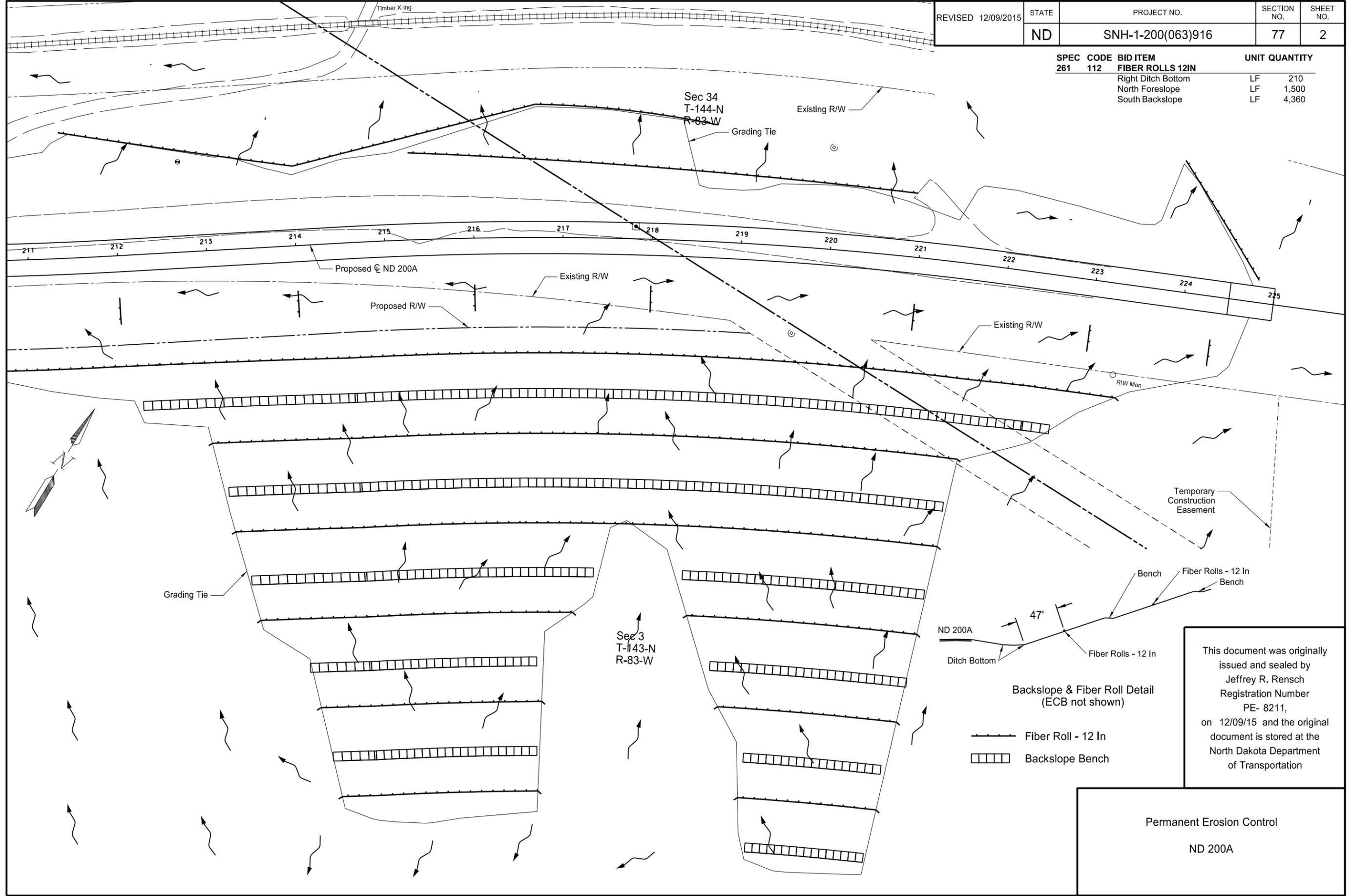


- Fiber Roll - 12 In
- Backslope Bench

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Permanent Erosion Control  
 ND 200A

SPEC CODE	BID ITEM	UNIT	QUANTITY
261 112	FIBER ROLLS 12IN		
	Right Ditch Bottom	LF	210
	North Foreslope	LF	1,500
	South Backslope	LF	4,360



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Permanent Erosion Control  
ND 200A