

October 28, 2020

ADDENDUM 1 – JOB 16

TO: All prospective bidders on Projects BRR-0051(053) and BRO-0051(054), Job No. 16
scheduled for the November 13, 2020 bid opening.

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

Plan Revisions:

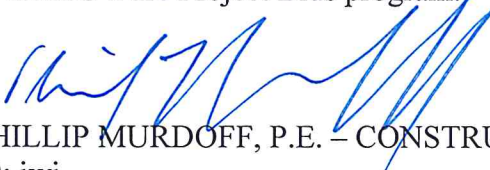
See attached summaries from Paul Benning, P.E. dated October 28, 2020 for an explanation.

Request for Proposal Revisions:

Remove and replace pages 5 thru 8 of 10 of the Proposal pages located at the beginning of the Request for Proposal with pages revised 10/28/2020.

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:	BRR-0051(053), BRO-0051(054)	PCN: 22773, 22782
Location:	Ward County	
Date:	10/28/2020	Lead Designer: Houston Engineering Inc
Bid Opening Date:	11/13/2020	JOB#: 13 Addendum#: 1

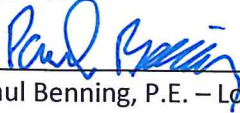
PLAN SHEET CHANGES		
Section	Sheet	Description
8	1	Revised bid item 251-0300 Seeding Class III to bid item 251-0200 Seeding Class II
77	1	Revised bid item 251-0300 Seeding Class III to bid item 251-0200 Seeding Class II
77	2	Revised bid item 251-0300 Seeding Class III to bid item 251-0200 Seeding Class II
77	3	Revised bid item 251-0300 Seeding Class III to bid item 251-0200 Seeding Class II

CHANGES MADE TO BID ITEMS FOR JOB					
Spec	Code	Description	Unit	Previous Quantity	Revised Quantity
251	0200	Seeding Class II	Acre	0.00	6.24
251	0300	Seeding Class III	Acre	6.24	0.00

APPROVAL

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

☒ Yes ☐ No


 Paul Benning, P.E. – Local Government Engineer

10-28-2020
 Date

BID ITEMS

Projects: BRR-0051(053) (PCN-22773) and BRO-0051(054) (PCN-22782)

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	201	0330	CLEARING & GRUBBING	L SUM	1.				
003	202	0021	REMOVE AGGREGATE BASE & SURFACING	TON	1,747.				
004	202	0108	REMOVAL OF STRUCTURE-SITE 1	L SUM	1.				
005	202	0109	REMOVAL OF STRUCTURE-SITE 2	L SUM	1.				
006	202	0110	REMOVAL OF STRUCTURE-SITE 3	L SUM	1.				
007	202	0312	REMOVE EXISTING FENCE	LF	553.				
008	203	0101	COMMON EXCAVATION-TYPE A	CY	6,135.				
009	203	0109	TOPSOIL	CY	3,352.				
010	203	0140	BORROW-EXCAVATION	CY	7,007.				
011	210	0050	BOX CULVERT EXCAVATION	EA	2.				
012	210	0099	CLASS 1 EXCAVATION	L SUM	1.				
013	210	0111	CLASS 2 EXCAVATION	L SUM	1.				
014	210	0127	CHANNEL EXCAVATION	L SUM	1.				
015	210	0210	FOUNDATION FILL	CY	123.				
016	210	0405	FOUNDATION PREPARATION-BOX CULVERT	EA	2.				

BID ITEMS

Projects: BRR-0051(053) (PCN-22773) and BRO-0051(054) (PCN-22782)

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	210	0411	FOUNDATION PREPARATION	L SUM	1.				
018	216	0100	WATER	M GAL	132.				
019	251	0200	SEEDING CLASS II	ACRE	6.240				
020	251	2000	TEMPORARY COVER CROP	ACRE	6.240				
021	253	0101	STRAW MULCH	ACRE	12.480				
022	256	0200	RIPRAP GRADE II	CY	1,768.				
023	260	0200	SILT FENCE SUPPORTED	LF	42.				
024	260	0201	REMOVE SILT FENCE SUPPORTED	LF	42.				
025	261	0112	FIBER ROLLS 12IN	LF	12,016.				
026	261	0113	REMOVE FIBER ROLLS 12IN	LF	6,008.				
027	262	0100	FLOTATION SILT CURTAIN	LF	85.				
028	262	0101	REMOVE FLOTATION SILT CURTAIN	LF	85.				
029	350	0501	GRAVEL SURFACING	CY	1,312.				
030	602	0130	CLASS AAE-3 CONCRETE	CY	164.700				
031	602	1130	CLASS AE-3 CONCRETE	CY	203.200				
032	602	1250	PENETRATING WATER REPELLENT TREATMENT	SY	626.400				

BID ITEMS

Projects: BRR-0051(053) (PCN-22773) and BRO-0051(054) (PCN-22782)

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
033	604	9600	PRESTRESSED BOX BEAM-21IN	LF	675.				
034	606	2908	DBL 9FT X 8FT PRECAST RCB CULVERT	LF	132.				
035	606	6908	DBL 9FT X 8FT PRECAST RCB END SECTION	EA	4.				
036	612	0115	REINFORCING STEEL-GRADE 60	LBS	17,171.				
037	612	0116	REINFORCING STEEL-GRADE 60-EPOXY COATED	LBS	32,161.				
038	616	5890	STRUCTURAL STEEL	L SUM	1.				
039	622	0012	STEEL H-PILE TIPS 10 X 42	EA	12.				
040	622	0014	STEEL H-PILING POINTS 12 X 53	EA	12.				
041	622	0020	STEEL PILING HP 10 X 42	LF	1,020.				
042	622	0040	STEEL PILING HP 12 X 53	LF	960.				
043	624	0129	TRAFFIC RAIL-DOUBLE BEAM GUARDRAIL	LF	280.				
044	702	0100	MOBILIZATION	L SUM	1.				
045	704	1000	TRAFFIC CONTROL SIGNS	UNIT	258.				
046	704	1052	TYPE III BARRICADE	EA	9.				
047	709	0100	GEOSYNTHETIC MATERIAL TYPE G	SY	660.				
048	709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	2,459.				

BID ITEMS

Projects: BRR-0051(053) (PCN-22773) and BRO-0051(054) (PCN-22782)

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
049	714	4099	PIPE CONDUIT 18IN-APPROACH	LF	36.				
050	714	4105	PIPE CONDUIT 24IN	LF	42.				
051	752	0102	FENCE BARBED WIRE 3 STRAND-WOOD POST	LF	436.				
052	752	2100	VEHICLE GATE	EA	1.				
053	752	3150	CORNER ASSEMBLY BARBED WIRE-WOOD POST	EA	7.				
054	754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	58.				
055	754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	145.				
056	764	0131	W-BEAM GUARDRAIL	LF	245.				
057	764	0145	W-BEAM GUARDRAIL END TERMINAL	EA	4.				
058	900	1000	TEMPORARY STREAM DIVERSION	EA	2.				
059	930	9537	ABUTMENT UNDERDRAIN SYSTEM	EA	2.				
			TOTAL SUM BID						

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Revised	10/28/20	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	BRR-0051(053), BRO-0051(054)	8	1

ITEM	ITEM DESCRIPTION	UNIT	BRO-0051(054)		BRR-051(053)			TOTAL
			BRIDGE NO 51-106-13.1	TOTAL	BRIDGE NO 51-107-12.1	BRIDGE NO 51-129-27.1	TOTAL	
103-0100	CONTRACT BOND	L SUM	0.33	0.33	0.33	0.34	0.67	1.00
201-0330	CLEARING & GRUBBING	L SUM	0.33	0.33	0.33	0.34	0.67	1
202-0021	REMOVE AGGREGATE BASE & SURFACING	TON	671	671	748	328	1,076	1,747
202-0108	REMOVAL OF STRUCTURE-SITE 1	L SUM	1	1	0	0	0	1
202-0109	REMOVAL OF STRUCTURE-SITE 2	L SUM	0	0	1	0	1	1
202-0110	REMOVAL OF STRUCTURE-SITE 3	L SUM	0	0	0	1	1	1
202-0312	REMOVE EXISTING FENCE	LF	240	240	0	313	313	553
203-0101	COMMON EXCAVATION-TYPE A	CY	1248	1248	4682	205	4,887	6,135
203-0109	TOPSOIL	CY	1253	1253	1613	486	2,099	3,352
203-0140	BORROW-EXCAVATION	CY	1622	1622	0	5,385	5,385	7,007
210-0050	BOX CULVERT EXCAVATION	EA	1	1	1	0	1	2
210-0099	CLASS 1 EXCAVATION	L SUM	0	0	0	1	1	1
210-0111	CLASS 2 EXCAVATION	L SUM	0	0	0	1	1	1
210-0127	CHANNEL EXCAVATION	L SUM	0	0	0	1	1	1
210-0210	FOUNDATION FILL	CY	56	56	67	0	67	123
210-0405	FOUNDATION PREPARATION-BOX CULVERT	EA	1	1	1	0	1	2
210-0411	FOUNDATION PREPARATION	L SUM	0	0	0	1	1	1
216-0100	WATER	M GAL	39	39	32	61	93	132
251-0200	SEEDING CLASS II	ACRE	2.33	2.33	3.00	0.91	3.91	6.24
251-2000	TEMPORARY COVER CROP	ACRE	2.33	2.33	3.00	0.91	3.91	6.24
253-0101	STRAW MULCH	ACRE	4.66	4.66	6.00	1.82	7.82	12.48
256-0200	RIPRAP GRADE II	CY	155	155	433	1,180	1,613	1,768
260-0200	SILT FENCE SUPPORTED	LF	22	22	20	0	20	42
260-0201	REMOVE SILT FENCE SUPPORTED	LF	22	22	20	0	20	42
261-0112	FIBER ROLLS 12IN	LF	5866	5866	3530	2620	6,150	12,016
261-0113	REMOVE FIBER ROLLS 12IN	LF	2933	2933	1765	1310	3,075	6,008
262-0100	FLOTATION SILT CURTAIN	LF	0	0	0	85	85	85
262-0101	REMOVE FLOATATION SILT CURTAIN	LF	0	0	0	85	85	85
350-0501	GRAVEL SURFACING	CY	456	456	535	321	856	1,312
602-0130	CLASS AAE-3 CONCRETE	CY	0	0	0	164.7	164.7	164.7
602-1130	CLASS AE-3 CONCRETE	CY	0	0	0	203.2	203.2	203.2
602-1250	PENETRATING WATER REPELLENT TREATMENT	SY	0	0	0	626.4	626.4	626.4
604-9600	PRESTRESSED BOX BEAM-21IN	LF	0	0	0	675	675	675
606-2908	DBL 9FT x 8FT PRECAST RCB CULVERT	LF	60	60	72	0	72	132
606-6908	DBL 9FT x 8FT PRECAST RCB END SECTION	EA	2	2	2	0	2	4
612-0115	REINFORCING STEEL-GRADE 60	LBS	0	0	0	17,171	17,171	17,171
612-0116	REINFORCING STEEL-GRADE 60-EPOXY COATED	LBS	0	0	0	32,161	32,161	32,161
616-5890	STRUCTURAL STEEL	L SUM	0	0	0	1	1	1
622-0012	STEEL H-PILE TIPS 10 X 42	EA	0	0	0	12	12	12
622-0014	STEEL H-PILING POINTS 12 X 53	EA	0	0	0	12	12	12
622-0020	STEEL PILING HP 10 X 42	LF	0	0	0	1,020	1,020	1,020
622-0040	STEEL PILING HP 12 X 53	LF	0	0	0	960	960	960
624-0129	TRAFFIC RAIL-DOUBLE BEAM GUARDRAIL	LF	0	0	0	280.0	280.0	280.0
702-0100	MOBILIZATION	L SUM	0.33	0.33	0.33	0.34	0.67	1.00
704-1000	TRAFFIC CONTROL SIGNS	UNIT	86	86	86	86	172	258
704-1052	TYPE III BARRICADE	EA	3	3	3	3	6	9
709-0100	GEOSYNTHETIC MATERIAL TYPE G	SY	304	304	356	0	356	660
709-0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	232	232	649	1,578	2,227	2,459
714-4105	PIPE CONDUIT 24IN	LF	0	0	0	42	42	42
714-4099	PIPE CONDUIT 18IN-APPROACH	LF	0	0	0	36	36	36
752-0102	FENCE BARBED WIRE 3 STRAND-WOOD POST	LF	209	209	0	227	227	436
752-2100	VEHICLE GATE	EA	0	0	0	1	1	1
752-3150	CORNER ASSEMBLY BARBED WIRE-WOOD POST	EA	2	2	0	5	5	7
754-0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	0	0	0	58	58	58
754-0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	0	0	0	145	145	145
764-0131	W-BEAM GUARDRAIL	LF	0	0	0	245	245	245
764-0145	W-BEAM, GUARDRAIL END TERMINAL	EA	0	0	0	4	4	4
900-1000	TEMPORARY STREAM DIVERSION	EA	1	1	1	0	1	2
930-9537	ABUTMENT UNDERDRAIN SYSTEM	EA	0	0	0	2	2	2

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QUANTITIES

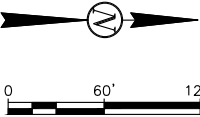
WARD COUNTY BRIDGE REPLACEMENTS

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Revised	10/28/20	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	BRR-0051(053), BRO-0051(054)	77	1

LEGEND

- PERMANENT FIBER ROLLS
- PERMANENT SEED CLASS II & STRAW MULCH
- PERMANENT RIPRAP GRADE II
- FLOW ARROW



ITEM	DESCRIPTION	QUANTITY	UNIT
251-0200	SEEDING CLASS II STA 200+05.00 TO STA 214+00.00	2.33	ACRE
253-0101	STRAW MULCH STA 200+05.00 TO STA 214+00.00	2.33	ACRE
261-0112	FIBER ROLLS 12IN STA 200+05.00 TO STA 214+00.00	2,933	LF
256-0200	RIPRAP GRADE II STA 211+00.02 TO STA 211+46.79	155	CY

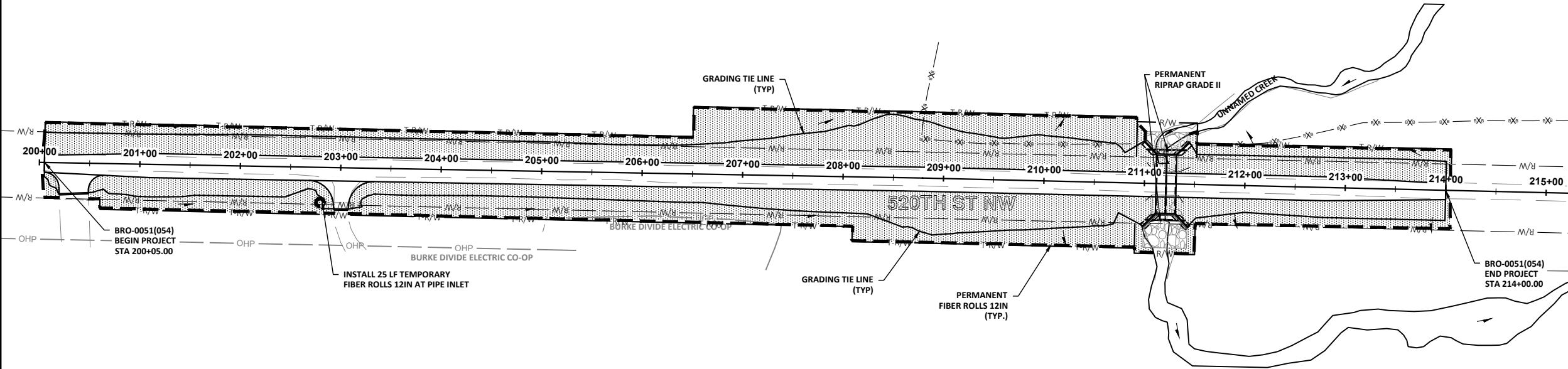
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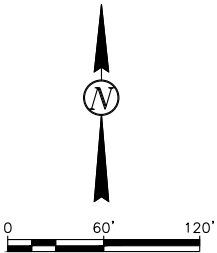
BRIDGE NO 51-106-13.1



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Revised	10/28/20	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	BRR-0051(053), BRO-0051(054)	77	2

LEGEND	
PERMANENT FIBER ROLLS	
PERMANENT SEED CLASS II & STRAW MULCH	
PERMANENT RIPRAP GRADE II	
FLOW ARROW	



ITEM	DESCRIPTION	QUANTITY	UNIT
251-0200	SEEDING CLASS II STA 304+80.00 TO STA 317+90.00	3.00	ACRE
253-0101	STRAW MULCH STA 304+80.00 TO STA 317+90.00	3.00	ACRE
261-0112	FIBER ROLLS 12IN STA 304+80.00 TO STA 317+90.00	1,765	LF
256-0200	RIPRAP GRADE II STA 305+88.77 TO STA 306+86.45	433	CY



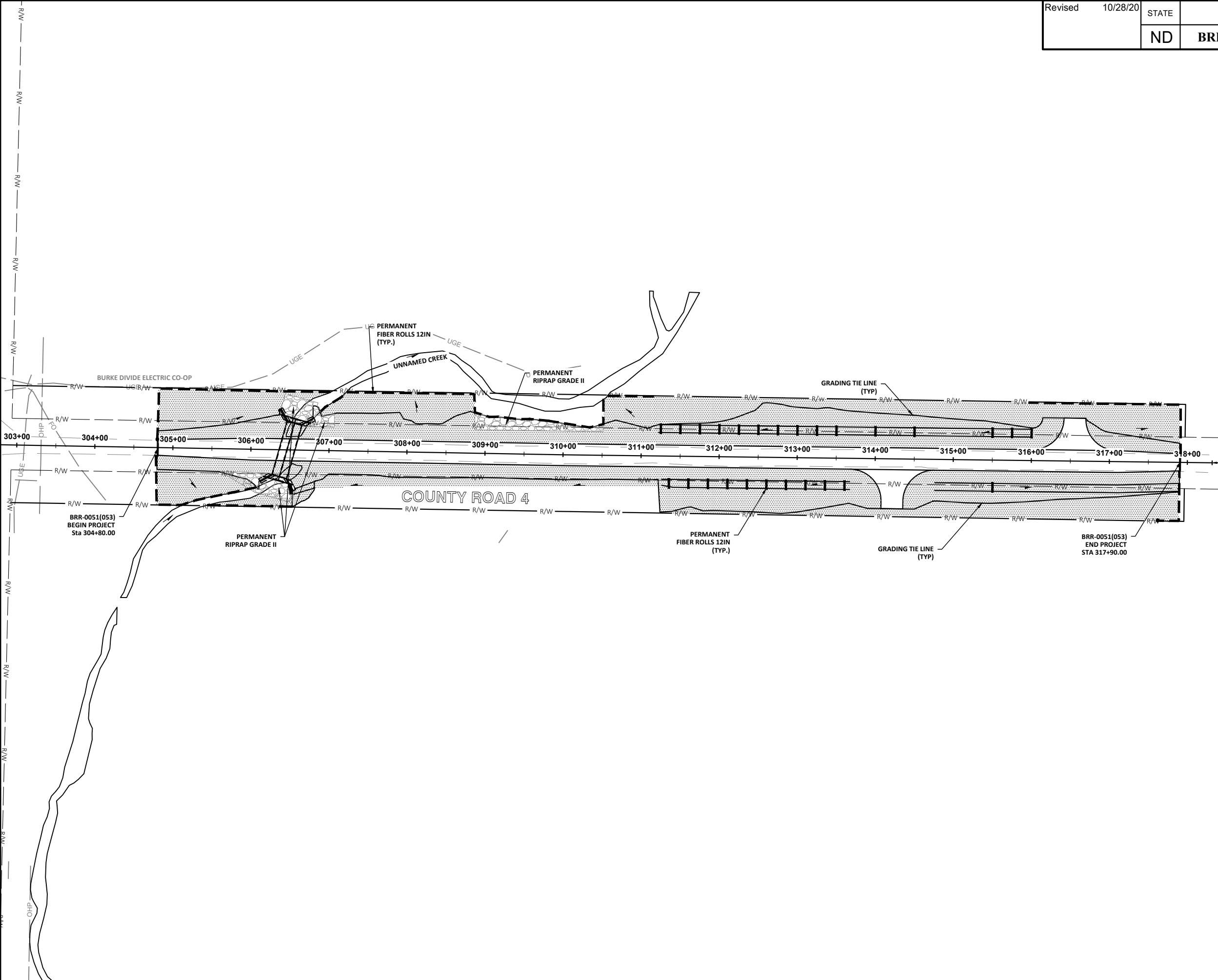
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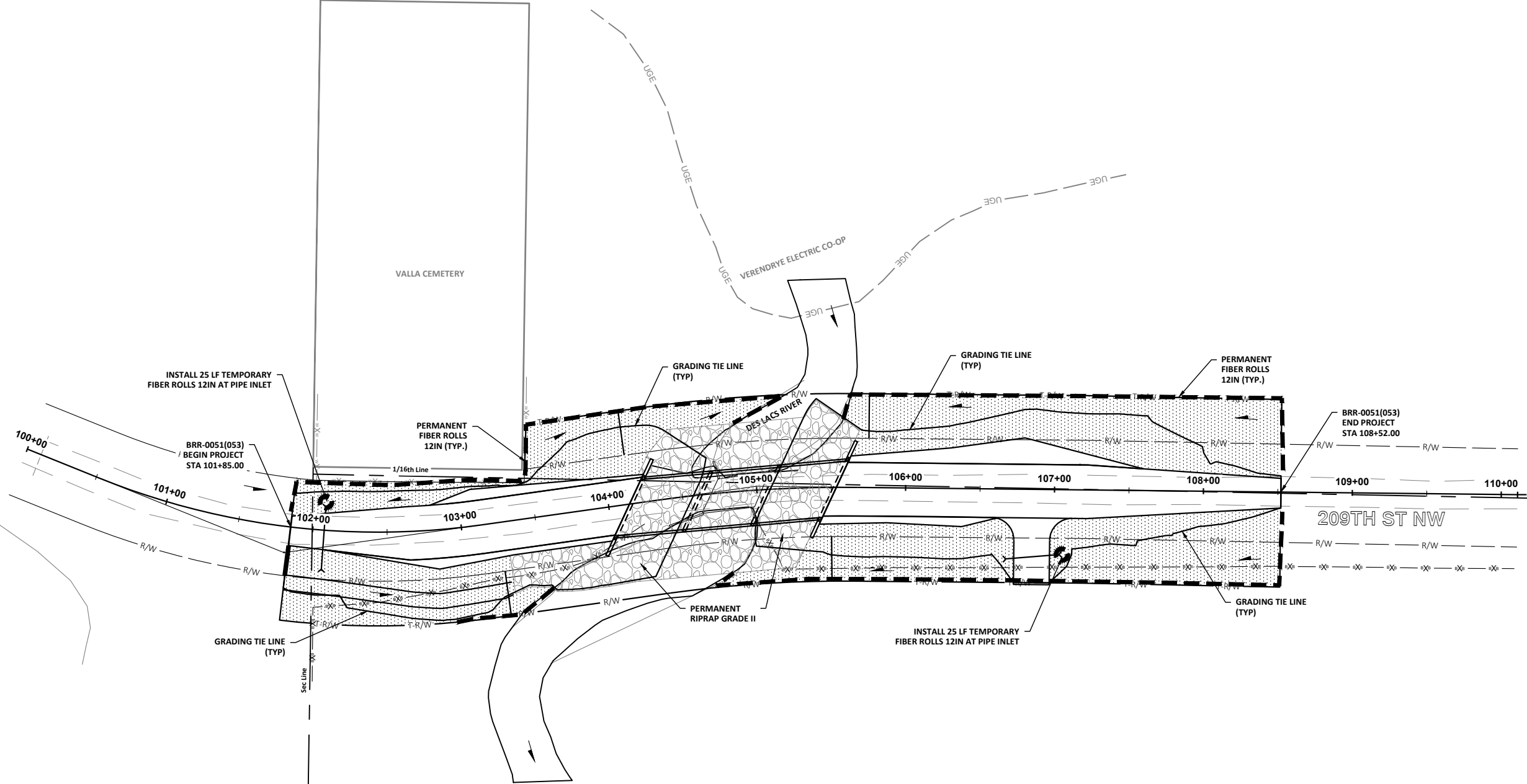
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COUNTY ROAD 4
WARD COUNTY BRIDGE REPLACEMENTS

BRIDGE NO 51-107-12.1

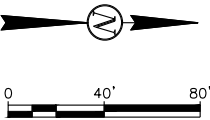


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Revised	10/28/20	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	BRR-0051(053), BRO-0051(054)	77	3



LEGEND	
PERMANENT FIBER ROLLS	
PERMANENT SEED CLASS II & STRAW MULCH	
PERMANENT RIPRAP GRADE II	
FLOW ARROW	



ITEM	DESCRIPTION	QUANTITY	UNIT
251-0200	SEEDING CLASS II STA 101+85.00 TO STA 108+52.00	0.90	ACRE
253-0101	STRAW MULCH STA 101+85.00 TO STA 108+52.00	0.90	ACRE
261-0112	FIBER ROLLS 12IN STA 101+85.00 TO STA 108+52.00	1,310	LF
256-0200	RIPRAP GRADE II STA 103+61.74 TO STA 105+19.53	1,180	CY

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**PERMANENT
EROSION CONTROL
209TH ST NW
WARD COUNTY BRIDGE REPLACEMENTS**

BRIDGE NO 51-129-27.1