

Hampton, Lenzini and Renwick, Inc.

Civil Engineers • Structural Engineers • Land Surveyors • Environmental Specialists www.hlrengineering.com

December 16, 2019

Addendum No. 3

- Project: Kendall County Forest Preserve District Millbrook Bridge Removal Project #20-01-001
- To: All Plan Holders

The scope of work has been revised to include chain link fence installed behind the existing abutments and wingwalls to remain. This addendum consists of the following documents which shall replace the previously issued items in the Contract Documents:

- 1) Schedule of Prices dated 12-16-2019 (1 page)
- 2) Plans revised 12-16-2019 (5 sheets)

SCHEDULE OF PRICES

County Kendall Local Public Agency Kendall County Forest Preserve Section 20-01-001 Route Millbrook Bridge Removal

Schedule or Multiple Bids

Combination Letter	Sections Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications) Bidder's Proposal for making Entire Improvements

ltem No.	Items	Unit	Quantity	Unit Price	Total
1	TREE REMOV 6-15	UNIT	62		
2	CHANNEL EXCAVATION	CU YD	233		
0			0.4		
3	SEEDING CL 4 SPL	ACRE	0.1		
4	EROSION CONTR BLANKET	SQ YD	390		
5	STONE RIPRAP CL A4	TON	609		
6	FILTER FABRIC	SQ YD	638		
7	REM EXIST SUP-STR	EACH	1		
8	REM EXT SUB-STR	EACH	1		
9	COFFERDAM TYP 2 LOC 1	EACH	1		
10	COFFERDAM TYP 2 LOC 2	EACH	1		
11	TEMPORARY CAUSEWAY	L SUM	1		
12	P CUL CL D 1 66 TEMP	EACH	15		
13	TEMP EROS CONTR SEED	POUND	40		
14	CH LK FENCE 4	FOOT	100		

KENDALL COUNTY FOREST PRESERV MILLBROOK BRIDGE REMOVAL

SILVER SPRINGS STATE PARK

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LOCATION MAP

APPROXIMATE SCALE:

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INDEX OF SHEETS



CONTRACT NO. 20-01-001

CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

	COUNTY	TOTAL SHEETS	SHEET NO
	KENDALL	5	1
	ILLINOIS		
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<u>/1</u> REVISION 12/16/2019			
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W. FRAZEE	RINGFIELD, ILLINO	IS 62703 ngineering	.com
002-39470 50 5 184.000959 III.INDIS PROFESSIO	NAL DESIGN FIRM LS / PF	/ SE CORPOR	ATION
EXPIRES: 11/30/2020 PROJECT NUMBER: 16.049	.130	DATE: 11/1	3/19

	SUMMARY OF QUANTITIES		
ITEM NUMBER	ITEM	UNIT	QUANTITY
1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	62
2	CHANNEL EXCAVATION	CU YD	233
3	SEEDING, CLASS 4 (SPECIAL)	ACRE	0.1
4	EROSION CONTROL BLANKET	SQ YD	390
5	STONE RIPRAP, CLASS A4	TON	609
6	FILTER FABRIC	SQ YD	638
7	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1
8	REMOVAL OF EXISTING SUBSTRUCTURE	EACH	1
9	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1
10	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1
11	TEMPORARY CAUSEWAY	L SUM	1
12	PIPE CULVERTS, CLASS D, TYPE 1 54" (TEMPORARY)	EACH	15
13	TEMPORARY EROSION CONTROL SEEDING (SPECIAL)	POUND	40
14	CHAIN LINK FENCE, 4'	FOOT	100
	ITEM NUMBER 1 2 3 4 5 6 7 6 7 8 9 9 10 11 11 12 13	SUMMARY OF QUANTITIES ITEM ITEM NUMBER ITEM 1 TREE REMOVAL (6 TO 15 UNITS DIAMETER) 2 CHANNEL EXCAVATION 3 SEEDING, CLASS 4 (SPECIAL) 4 EROSION CONTROL BLANKET 5 STONE RIPRAP, CLASS A4 6 FILTER FABRIC 7 REMOVAL OF EXISTING SUPERSTRUCTURES 8 REMOVAL OF EXISTING SUBSTRUCTURE 9 COFFERDAM (TYPE 2) (LOCATION - 1) 10 COFFERDAM (TYPE 2) (LOCATION - 2) 11 TEMPORARY CAUSEWAY 12 PIPE CULVERTS, CLASS D, TYPE 1 54" (TEMPORARY) 13 TEMPORARY EROSION CONTROL SEEDING (SPECIAL)	SUMMARY OF QUANTITIES ITEM ITEM UNIT 1 TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT 1 TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT 2 CHANNEL EXCAVATION CU YD 3 SEEDING, CLASS 4 (SPECIAL) ACRE 4 EROSION CONTROL BLANKET SQ YD 5 STONE RIPRAP, CLASS A4 TON 6 FILTER FABRIC SQ YD 7 REMOVAL OF EXISTING SUPERSTRUCTURES EACH 8 REMOVAL OF EXISTING SUBSTRUCTURE EACH 9 COFFERDAM (TYPE 2) (LOCATION - 1) EACH 11 TEMPORARY CAUSEWAY L SUM 12 PIPE CULVERTS, CLASS D, TYPE 1 54" (TEMPORARY) EACH 13 TEMPORARY EROSION CONTROL SEEDING (SPECIAL) POUND 14 CHAIN LINK FENCE, 4' FOOT

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED APRIL 1, 2016", HERE IN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2020; THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISION INCLUDED IN THE DOCUMENTS.
- 2. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD OBSERVATION AND INFORMATION AVAILABLE FROM THE UTILITY COMPANIES. THIS INFORMATION REPRESENTS ONLY THE OPINION OF THE LOCAL AGENCY AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- 3. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 4. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES: STONE RIPRAP 1.75 TON/CU YD
- 5. THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITY: SEEDING, CLASS 4 (SPECIAL) = 0.1 ACRE

SEE	SPECIAL	PROVISIONS
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FILE	NAME = 160494-sht-exhlblt.dgn	USER NAME = timk	DESIGNED - J.W.F.	REVISED - 1 12/16/2019					COUNTY	TOTAL	SHEET		
	HAMPTON, LENZINI AND RENWICK, INC.		DRAWN T.W.K.	REVISED -		SUM	MARY OF QUANTITIES A	ND GENERAL	. NOTES	KENDALL	KENDALL 5		
	3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703	PLOT SCALE = \$SCALE\$	CHECKED S.W.M.	REVISED -	KENDALL COUNTY FOREST FRESERVE					MILLBROOK	BRIDGE		
Ľ	LILINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT DATE = 12/16/2019	DATE - 11/13/19	REVISED -		SCALE:	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.				

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BENCH MARKS

- BM#1 SQUARE CHISLED IN SE WINGWALL ELEV. 567.77
- BM#2 BENCH TIE IN 24" TREE JUST EAST OF ABUTMENT ELEV. 567.40
- BM#3 CROSS NOTCH ON WEST ABUTMENT ELEV. 565.87



FILE NAM	E = 160494-sht-exhibit.dgn	USER NAME = timk	DESIGNED - J.W.F.	REVISED - 12/16/2019			
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	3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -	KENDALL COUNTY FOREST PRESERVE		
L∎⊕.	ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT DATE = 12/16/2019	DATE - 11/13/19	REVISED -		SCALE: 1"=50'	SHEET NO. 2 OF 4 SHEETS

GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL (IUM), THE ILLINOIS DEPARMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED APRIL 1, 2016 AND THE PLAN DETAILS.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES. IT SHALL BE PRESENTED UPON 2. REQUEST FROM ANY AUTHORIZED AGENT.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR 3 INSTALLATION OF ANY ADDITIONAL FROSION CONTROL MEASURES NECESSARY TO PREVENT FROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF 4. THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS.
- 5. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- 6. THE CONTRACTOR SHALL CLEAN UP AND GRADE THE WORK AREA AS THE PROJECT PROGRESSES TO ELIMINATE THE CONCENTRATION OF RUNOFF. THE PAVEMENT SHALL BE CLEANED DAILY TO REMOVE EARTH MATERIAL TO THE SATISFACTION OF THE ENGINEER.
- 7. ALL TEMPORARY EROSION CONTROL MEASURES MUST BE MAINTAINED AND IMMEDIATELY REPLACED AS NEEDED AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL INSPECTION AND REPAIR. THE CONTRACTOR SHALL INSPECT AND COMPLETE MAINTENANCE OF ALL ITEMS A MINIMUM OF EVERY 7 DAYS AND WITHIN 24 HOURS OF A ONE-HALF INCH RAINFALL. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SEEDING IS ACHIEVED. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK
- TEMPORARY STOCKPILES OF MATERIALS MAY NOT BE LOCATED IN WETLANDS, CHANNELS, OR DRAINAGE SWALES. THE LOCATION OF ANY 8. TEMPORARY STOCKPILE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. STOCKPILES TO REMAIN IN PLACE MORE THAN THREE DAYS SHALL BE FURNISHED WITH EROSION & SEDIMENT CONTROL (I.E. PERIMETER EROSION BARRIER). STOCK PILES TO REMAIN IN PLACE FOR THIRTY DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
- 9. THE CONTRACTOR SHALL MAINTAIN AND PRESERVE ANY EXISTING SUB SURFACE DRAINAGE SYSTEMS (i.e. FIELD TILES) ACCORDING TO SECTION 611 OF THE IDOT STANDARD SPECIFICATIONS
- 10. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKY EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- 11. THE CONTRACTOR SHALL PLACE PERMANENT SEEDING AND EROSION CONTROL BLANKET (IUM STANDARD 530) ON ALL DISTURBED EARTH SLOPES. EROSION CONTROL BLANKET WITH GREEN DYE IS NOT PERMITTED.
- 12. TEMPORARY SEEDING SHALL BE COMPLETED ON ALL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH CONSTRUCTION WILL BE STOPPED FOR A PERIOD OF MORE THAN 14 CALENDAR DAYS

1.	WORK	IN THE	WATER	WAY	SHALL	ΒE	TIMED	ТО	TAKE	PLACE	DUR	INC
	THE NO	ORMAL	WATER	ELEV	ATION.	IN	I-STREA	ΜN	NORK	SHALL	NOT	BE
	INCIDE	NTAL T	AKE AU	THOR	IZATIO	N.						

- COFFERDAM TO THE ENGINEER FOR APPROVAL PRIOR TO WORK ESTIMATED WATER SURFACE ELEVATION (EWSE) = 551.0 FEET.
- 3 INFLATABLE WATER BARRIERS, RIP RAP AND GEOTEXTILE LINER, ETC.). EARTHEN COFFERDAMS ARE NOT PERMISSIBLE.
- 4 OR LOW GROUND PRESSURE TIRES SHALL BE USED FOR EQUIPMENT IN THE COFFERED AREA.
- 5. DURING DEWATERING OF THE COFFERED AREA, THE HOSE INTAKE SHALL BE PLACED IN A SUMP PIT (IUM STANDARD 650) AND THE OUTLET APPROVED BY THE ENGINEER BEFORE COMMENCEMENT OF WORK.
- IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM 6 ACTIVITIES SHALL BE RESTORED TO PROPOSED CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.
- AND OTHER ACTIVITIES TO COMPLY WITH THE IDNR INCIDENTAL TAKE AUTHORIZATION IN THE SPECIAL PROVISIONS

	SEEDING MIXTURE	
CLASS - TYPE	SEEDS	LB/ACRE
4 (SPECIAL)	ANDROPOGON SCOPARIUS (LITTLE BLUE STEM)	5
Native Grass	BOUTELOUA CURTIPENDULA (SIDE-OATS GRAMA)	5
	ELYMUS CANADENSIS (CANADA WILD RYE)	1
	ERAGROSTIS SPECTABILIS (PURPLE LOVE GRASS) *	5
	KOELERIA CRISTATA (JUNE GRASS) *	5
	PANICUM VIRGATUM (SWITCH GRASS) *	1
	SPOROBOLUS HETEROLEPIS (PRAIRIE DROPSEED)	4
	ANNUAL RYEGRASS	25
	OATS, SPRING	25

* - SEED TYPE NOT INCLUDED IN STANDARD IDOT CLASS 4 MIX

STABILIZATION	ΙΔΝ	EEB	MAR	ΔPR	ΜΔΥ	IUNE		AUG	SEPT	ОСТ	NOV	DEC
TYPE	57 (1)	1 20	1.17 (1)	/	1-17 (1	JOINE	JOLI	,	JELL	001	1101	DLC
PERMANENT				A		*	*			,		
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SEEDING			\rightarrow								<	
TEMPORARY			С									
SEEDING			←							\rightarrow		
EROSION	D											
CONTROL	<											~ >

A. SEEDING CLASS 4 * IRRIGATION MAY BE NEEDED DURING JUNE AND JULY B. INCREASE SEEDING RATE BY 25% WHEN DORMANT SEEDING C. TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 D. EROSION CONTROL BLANKET (PERMANENT SEED AREAS ONLY)

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	3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -	KENDALL COUNTY FOREST FRESERVE		
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IN-STREAM WORK NOTES

G LOW FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW COMPLETED DURING THE MONTHS OF APRIL THROUGH JUNE TO COMPLY WITH THE IDNR

2. THE CONTRACTOR SHALL DESIGN AN IN-STREAM WORK PLAN TO ALLOW FOR THE CONVEYANCE OF THE LOW FLOW PAST THE WORK AREA WITHOUT OVERTOPPING. THE LOW FLOW RATE IS ESTIMATED AS 1700 CFS. THE CONTRACTOR SHALL SUBMIT PLANS OF THE PROPOSED CAUSEWAY AND

WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NON-ERODIBLE MATERIALS (STEEL SHEETS.

THE COFFERDAM SHALL BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER FLOWING WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS THE CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE WORK. TIMBER MATS

DISCHARGED ON A NON-ERODIBLE ENERGY DISSIPATING SURFACE. ALL SEDIMENT-LADEN WATER MUST BE FILTERED. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONINC POLYMER SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY. THE EXACT MEANS, METHODS, AND LOCATIONS OF DEWATERING SHALL BE SHALL BE

ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES. THE AREA FROM THE TOE TO THE TOP OF THE SIDE SHALL BE TEMPORARILY STABILIZED DURING CONSTRUCTION TO REDUCE THE POTENTIAL FOR EROSION. ALL AREAS DISTURBED DUE TO CONSTRUCTION

7. THE CONTRACTOR SHALL COOPERATE WITH THE FOREST PRESERVE BIOLOGISTS TO ALLOW FOR FISH SAMPLING, RELOCATION DURING DEWATERING,

SOIL STABILIZATION CHART

				COUNTY	TOTAL SHEETS	SHEET NO.
20	DL NOTES			KENDALL	5	4
_			_	MILLBROOK BR	DGE	
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SECTION C-C

TEMPORARY CAUSEWAY DETAIL

FILE NAME = 160494-sht-exhibit.dgn		160494-sht-exhibit.dgn	USER NAME = timk	DESIGNED J.W.F.	REVISED -			DETAIL	
	HAMPTON, LENZINI AND RENWICK, INC.			DRAWN T.W.K.	REVISED -				
Itt		3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703	PLOT SCALE = \$SCALE\$	CHECKED S.W.M.	REVISED -	KENDALL COUNTY FOREST PRESERVE			
	₽LK	ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT DATE = 12/16/2019	DATE - 11/13/19	REVISED -		SCALE:	SHEET NO. 4 OF 4 SHEET	

55.1 CHANNEL EXCAVATION TO 1V:2H SLOPE							
) STONE RIPRAP, CLASS A4							
ON ±547.5 M							
6'' BEDDING FILTER FABRIC							
SECTION A-A RIPRAP CROSS SECTION							

STONE RIPRAP, CLASS A4 16 32 1.5 BEDDING 4'-0'' FILTER FABRIC

> SECTION B-B RIPRAP ANCHOR DETAIL

•			COUNTY	TOTAL SHEETS	SHEET NO.	
S	•		KENDALL	5	5	
			MILLBROOK BF	MILLBROOK BRIDGE		
5	STA.	TO STA.				