

## **ADDENDUM NO. 1**

**ISSUE DATE:**

July 19, 2017

**TO:**

LIST OF PLAN HOLDERS FOR  
PROJECT NO. S.A.P. 042-599-145.

**FROM:**

AARON VANMOER, P.E.  
LYON COUNTY PUBLIC WORKS  
504 FAIRGROUNDS ROAD  
MARSHALL, MN 56258

**NOTE:**

The following information is being provided by fax  
or email.

This information will also be available on the  
Lyon County web site at [www.lyonco.org](http://www.lyonco.org).

### **FOR PROJECT NO. S.A.P. 042-599-145**

1. **DISCARD** page 02 of 08 sheets in the plans.
2. **INSERT** new sheet 02 of 08 sheets labeled as "Addendum #1."
3. **DISCARD** schedule of prices sheet.
4. **INSERT** new Schedule of Prices sheet labeled as "Addendum #1."

#### **Addendum #1 corrects the following items:**

**2412.511 – 12x7 PRECAST CONCRETE BOX CULVERT**  
**2412.511 – 12x8 PRECAST CONCRETE BOX CULVERT**  
**2412.512 – 12x7 PRECAST CONC. BOX CULV END SECT**  
**2412.512 – 12x8 PRECAST CONC. BOX CULV END SECT**

**TO**

**2412.511 – 16x7 PRECAST CONCRETE BOX CULVERT**  
**2412.511 – 16x8 PRECAST CONCRETE BOX CULVERT**  
**2412.512 – 16x7 PRECAST CONC. BOX CULV END SECT**  
**2412.512 – 16x8 PRECAST CONC. BOX CULV END SECT**

Please make the above listed changes to proposal and acknowledge this Addendum by filling in the RECEIPT OF ADDENDA in the proposal.

If you have any questions concerning this addendum please call our office at 507-532-8205.

Sincerely,



Aaron VanMoer  
Lyon County Engineer

ADDENDUM #1

ADDENDUM #1

7/19/2017

Contract No.: 201705

Lyon  
Schedule Of Prices

Project Number: SAP 042-599-145

Project Title or Road Number: Rock Lake Bridge L5810

Work Type: Bridge/Culvert

BIDDER MUST FILL IN UNIT PRICES IN NUMERALS; MAKE EXTENSION FOR EACH ITEM AND TOTAL. FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLANS AND SPECIFICATIONS, INCLUDING SPECIAL PROVISIONS.

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501	MOBILIZATION	LUMP SUM	1.00		
2123.610	1.5 CU YD BACKHOE	HOUR	5.00		
2211.501	AGGREGATE BASE CLASS 5 MOD	TON	82.00		
2412.511	16X7 PRECAST CONCRETE BOX CULVERT	LIN FT	42.00		
2412.511	16X8 PRECAST CONCRETE BOX CULVERT	LIN FT	42.00		
2412.512	16X7 PRECAST CONCRETE BOX CULV END SEC	EACH	2.00		
2412.512	16X8 PRECAST CONCRETE BOX CULV END SEC	EACH	2.00		
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	1.00		
2451.515	COARSE AGGREGATE BEDDING (CV)	CU YD	162.00		
2451.609	GRANULAR BACKFILL	TON	550.00		
2511.502	RANDOM RIPRAP CLASS IV	TON	70.00		
2563.601	TRAFFIC CONTROL	LUMP SUM	1.00		
2573.533	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT	80.00		
2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	160.00		
2575.605	TURF ESTABLISHMENT	ACRE	0.30		
Total					

### ESTIMATED QUANTITIES

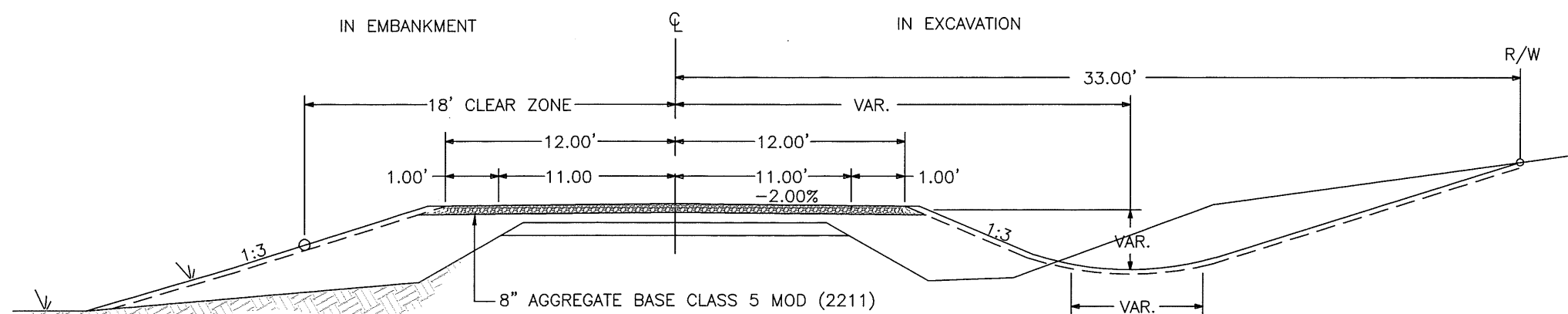
NOTES	SPECIFICATION NUMBER	ITEM	UNIT	RURAL (TWN BR)		TOTAL ESTIMATED QUANTITIES
				PARTICIPATING	NON-PARTICIPATING	
	2021 . 501	MOBILIZATION	LUMP SUM	1.00		1.00
1	2123 . 610	1.5 CU YD BACKHOE	HOUR		5.00	5.00
2	2211 . 501	AGGREGATE BASE CL. 5 MOD	TON		82.00	82.00
3,4,5	2412 . 511	16'x7' PRECAST CONCRETE BOX CULVERT	LIN FT	42.00		42.00
3,4,5	2412 . 511	16'x8' PRECAST CONCRETE BOX CULVERT	LIN FT	42.00		42.00
3,4,5	2412 . 512	16'x7' PRECAST CONC. BOX CULV END SECT	EACH	2.00		2.00
3,4,5	2412 . 512	16'x8' PRECAST CONC. BOX CULV END SECT	EACH	2.00		2.00
6	2442 . 501	REMOVE EXISTING BRIDGE	LUMP SUM		1.00	1.00
7	2451 . 515	COURSE AGGREGATE BEDDING (CV)	CU YD	162.00		162.00
8	2451 . 609	GRANULAR BACKFILL	TON	550.00		550.00
9	2511 . 502	RANDOM RIPRAP CLASS IV	TON	70.00		70.00
10	2563 . 601	TRAFFIC CONTROL	LUMP SUM	1.00		1.00
11	2573 . 533	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT		80.00	80.00
12	2575 . 523	EROSION CONTROL BLANKET CATEGORY 3	SQ YD		160.00	160.00
13	2575 . 605	TURF ESTABLISHMENT	ACRE		0.30	0.30

### CONSTRUCTION NOTES (ITEM SPECIFIC)

- EQUIPMENT HOURS PROVIDED FOR ANY ADDITIONAL SHAPING OUTSIDE THE RIGHT OF WAY AND WITHIN TEMPORARY EASEMENTS. IF THE CONTRACTOR SHOULD CHOOSE TO USE A LARGER SIZED BACKHOE IT SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
- SHALL BE MODIFIED TO 6-12% PASSING THE #200 SIEVE. SHALL BE PLACED USING THE ORDINARY COMPACTION METHOD.
- PLACE MASTIC AND FILTER CLOTH ENTIRE JOINT. ALL JOINTS SHALL BE TIED.
- THE TOTAL UNIT PRICE SHALL INCLUDE EXCAVATION, BACKFILLING, GROUT, COFFERDAMS, DIVERSION CHANNELS, AND DEWATERING. ANY EXCESS EXCAVATION MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.
- PRECAST CONCRETE BOX CULVERT SHALL BE CLASS 2. PRECAST CONC. END SECTIONS TO BE TYPE 3, 15' SKEW.
- REMOVAL ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF ACCORDING TO SPECIFICATION 2104.3 D.3. DISPOSAL WITHIN THE RIGHT OF WAY IS STRICTLY PROHIBITED.
- COURSE AGGREGATE BEDDING SHALL BE PLACED UNDER THE BOX CULVERT TO THE APRON SECTIONS.
- GRANULAR BACKFILL TO BE PLACED ON SIDES AND OVER THE BOX CULVERT.
- GEOTEXTILE FABRIC MATERIAL SHALL BE INCLUDED IN THE TOTAL BID PRICE. RIPRAP SHALL BE CLASS IV QUARRY RUN MATERIAL.
- THE CONTRACTOR SHALL COMPLETELY CLOSE OFF ROADWAY AS TO NOT ALLOW TRAFFIC DURING CONSTRUCTION. EXACT LOCATION OF TRAFFIC CONTROL DEVICES TO BE DETERMINED BY THE ENGINEER. EXISTING ACCESS TO RESIDENCES SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION.
- PLACE SEDIMENT CONTROL LOGS AS DIRECTED BY THE ENGINEER.
- PLACE EROSION CONTROL BLANKET ON ALL EXPOSED AREAS OR AS DIRECTED BY THE ENGINEER.
- NO ADDITIONAL COMPENSATION WILL BE MADE FOR MOBILIZATIONS DUE TO THE CONTRACTOR'S SCHEDULE. SEE "BASIS OF ESTIMATED QUANTITIES" FOR TURF ESTABLISHMENT QUANTITIES AND RATES.

### TYPICAL GRADING AND SURFACING SECTION

NOT TO SCALE  
STA. 50+04.40 TO STA. 50+91.60



### BASIS FOR ESTIMATED QUANTITIES

GRANULAR BACKFILL (2421)

GRANULAR BACKFILL: 1 C.Y. (CV) = 1.89 TONS

COURSE AGGREGATE BEDDING (CV) (2451)

COURSE AGGREGATE BEDDING: 1 C.Y. (CV) = 1.89 TONS

RANDOM RIPRAP CLASS IV (2511)

RANDOM RIP-RAP: 1 C.Y. = 1.40 TONS

AGGREGATE BASE CL. 5 MOD (2211)

AGGREGATE BASE CLASS 5 MOD: 140 LBS./CU.FT. DRY

TURF ESTABLISHMENT (2575)

SEEDING: 0.30 ACRES

SEED MIXTURE 25-142: 80 LBS./ACRE (ADJUSTED RATE) = 24.0 POUNDS

FERTILIZER TYPE 2: 200 LBS./ACRE = 60 POUNDS

### STANDARD PLATES

THE FOLLOWING STANDARD PLATES APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT.

PLATE NO.	DESCRIPTION
3133 D	RIPRAP AT OUTLETS
3145 G	CONCRETE PIPE OR PRECAST BOX CULVERT TIES
8000 J	CHANNELIZERS

CERTIFIED BY [Signature] LIC. NO. 50428 DATE 7/19/17  
LICENSED PROFESSIONAL ENGINEER

ESTIMATED QUANTITIES  
STATE AID PROJECT NO. 042-599-145 SHEET 02 OF 08 SHEETS