RFB #0010

ADDENDUM NO. 1

Sedgwick County Project: **793-T-2212; Bridge on 215th Street West Over Afton Creek (B509)**

The items contained herein now become a part of the referenced plans and specifications. Please read the following items and acknowledge receipt of this addendum on the Proposal Page Number P-1. NOTE: THIS ADDENDUM MUST BE ACKNOWLEDGED TO CONSTITUTE A VALID BID.

SPECS:

- Replace SOP-1 to 2 with SOP-1R to 2R: Add "Traffic Control" bid item and Remove "Temporary Seeding" bid item.

PLANS:

- Replace Sheet 26 with 26R: Added "Traffic Control" bid item.
- Replace Sheet 28 with 28R: Removed "Temporary Seeding" bid item.

By: _____
Lynn T. Packer, P.E.
Director of Public Works/County Engineer

Date: February 12, 2024

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	B509	2024	26R	47

REVISED PLANS

EARTHWORK

STATION to STATION	EXCAVATION COMMON CU.YDS.	EXCAVATION COMMON VMF	EXCAVATION ROCK CU.YDS.	EXCAVATION ROCK VMF	CONTR. FURN. CU.YDS.	COMPACTION TYPE AA MR-CU.YDS.	COMPACTION TYPE B MR-90 CU.YDS.	NOT SUBGRADED THROUGH CUTS COMM. CU.YDS.	NOT SUBGRADED THROUGH CUTS TYPE AA CU.YDS.		✱EMBANKMENT (CU.YDS.) INITIAL CONSOL.	✱EMBANKMENT (CU.YDS.) SETTLE-MENT	▲PLACE. SELECT SOIL CU.YDS.
61+15.66 to 63+78.66	409.7	0.75	253.3	1.00			211						
TOTALS													

AGGREGATE BASE (Special)

STATION	QUANTITY	UNIT
61+15.66 to 63+78.66	1,024	S.Y.
Total	1,024	S.Y.

RECAPITULATION OF ROAD QUANTITIES

ITEM	QUANTITY	UNIT
Contractor Construction Staking	1	L.S.
Field Office	1	EACH
Mobilization	1	L.S.
Removal of Existing Structure	1	L.S.
Clearing & Grubbing	1	L.S.
Common Excavation (Rural Small)	410	C.Y.
Rock Excavation	253	C.Y.
Compaction of Earthwork (Type-B)(MR-90)	211	C.Y.
Water (Grading) (Set Price)	1	M.GAL
End Section (7 Sq.ft.)(CSMA)	2	EACH
Entrance Pipe (7 Sq.ft.)(CSMAC)	40	L.F.
Guardrail, Steel Plate	350	L.F.
Gurardrail End Terminal (FLEAT)	2	EACH
Mailbox Installation (Set price)	2	EACH
Slope Protection (Riprap Stone)	174	S.Y.
1 Traffic Control	1	L.S.

RECAPITULATION OF BRIDGE QUANTITIES

ITEM	QUANTITY	UNIT
Concrete (Grade 4.0)	93.2	C.Y.
Concrete (Grade 4.0)(AE)	61.3	C.Y.
Bridge Backwall Protection System	194	S.Y.
Reinforcing Steel (Gr. 60)	2270	Lbs.
Reinforcing Steel (Gr. 60)(Epoxy Coated)	43510	Lbs.
Foundation Stabilization	48	C.Y.
Concrete for Seal Course (Set Price)	1	C.Y.
Granular Backfill (Wingwalls)	30	C.Y.

STATION	SIDE	TYPE	ENTRANCE PIPES RCP 18"	24"	30"	36"	CMMAC 15"	18"	24"	30"	36"	49"x33"	END SECTIONS RCP 18"	24"	30"	36"	CMMAC 15"	18"	24"	30"	36"	49"x33"
63+04.71	Rt.	CMMAC										40'										2

SLOPE PROTECTION (RIP RAP STONE)(100 lbs.)

STATION	SIDE	QUANTITY	UNIT
100+15.51 to 100+83.94	Lt.	31	S.Y.
100+25.56 to 101+09.58	Rt.	82	S.Y.
101+32.48 to 101+48.63	Lt.	28	S.Y.
101+54.58 to 101+69.34	Rt.	33	S.Y.
Total		174	S.Y.

See Sh. No. 27 for Surfacing Quantities
See Sh. No. 28 for Temporary Erosion and Pollution Control
See Sh. No. 43 for Detailed Traffic Control Plan & Pavement Marking Quantities

Note: Removal of Trees in the the project area shall be considered under Clearing & Grubbing bid item

ENTRANCE DRIVE DIMENSIONS

STATION	OFFSET	SIDE	L (ft.)	W (ft.)	R (ft.)	DESCRIPTION
61+80.89	16	Lt.	23.7	11	15	Type III
63+03.39	16	Rt.	25.1	30	15	Type III

REMOVAL OF EXISTING STRUCTURE

STATION	SIDE	DESCRIPTION
62+11.28	℄	Ex. Br. 000870793006266
63+04.71	RT	44"x32" CMP
61+28.71	LT	Mailbox
63+09.67	LT	Mailbox
61+42.42 to 62+62.56	RT	Fence

MAILBOX INSTALLATION DETAILS

STATION	SIDE	DESCRIPTION
61+28.71	LT	Mailbox
63+09.67	LT	Mailbox

1 2/12/2024: Added Bid Item "Traffic Control"

NO.	DATE	REVISIONS	BY	APP'D
3	2-2-24	Added Traffic Control Bid Item	A.C.G.	E.J.B.
2	1-14-08	Rem. Drainage Structure summary	S.W.K.	J.O.B.
1	1-9-91	Detailed on CADD	R.J.S	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

RD050

FHWA APPROVAL	5-28-08	APP'D. James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED B.N.B.
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK. S.W.K.

See General note.

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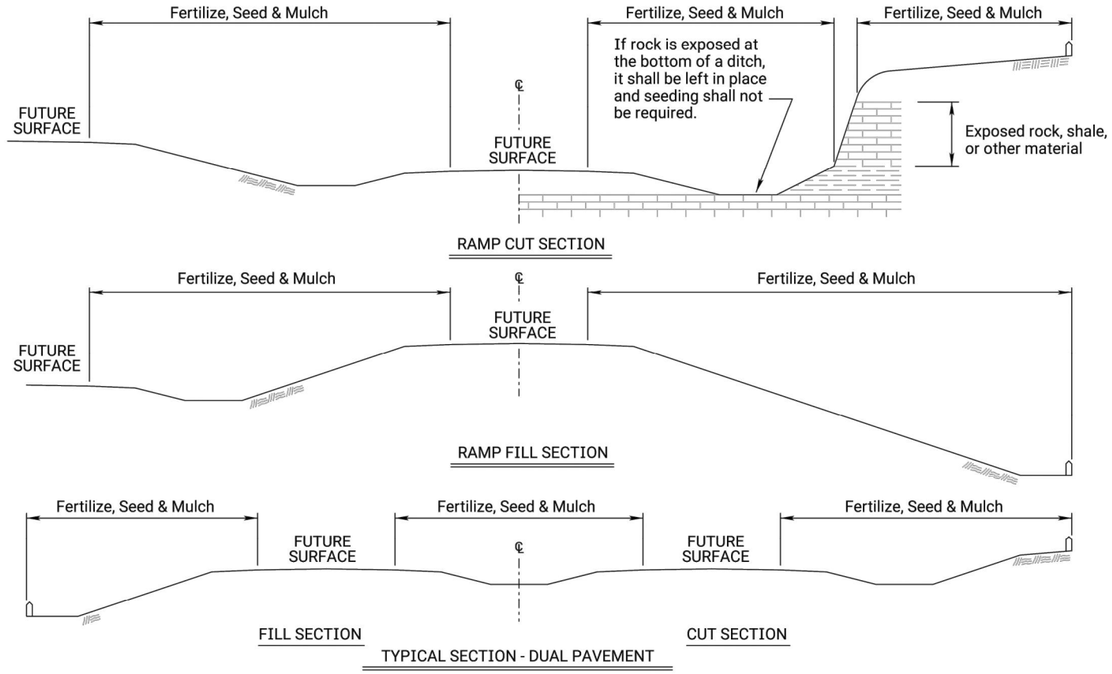
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	B509	2024	28 R	47

REVISED PLANS



SUMMARY OF SEEDING / EROSION CONTROL QUANTITIES

P.L.S. RATE/ ACRE		ACRES		BID ITEM	QUANTITY	UNIT
CLT	SL/CH	CLT	SL/CH			
150		0.10		Temporary Fertilizer(15–30–15)	0.15	LB
20		0.10		Temporary Seed (Canada Wildrye)	2	LB
45		0.10		Temporary Seed (Grain Oats)	4.5	LB
45		0.10		Temporary Seed (Sterile Wheatgrass)	4.5	LB
				Soil Erosion Mix		LB
				Erosion Control (Class 1, Type Y)		SQ YD
				Erosion Control (Class 2, Type Y)		SQ YD
				Sediment Removal (Set Price)		CU YD
				Synthetic Sediment Barrier		LF
				Temporary Berm (Set Price)		LF
				Temporary Ditch Check (Rock)	19	CU YD
				Temporary Inlet Sediment Barrier		EACH
				Temporary Sediment Basin		CU YD
				Temporary Slope Drain		LF
				Temporary Stream Crossing		EACH
				Biodegradable Log (9")		LF
				Biodegradable Log (12")		LF
				Biodegradable Log (20")		LF
				Filter Sock (✱✱✱✱)		LF
				Geotextile (Erosion Control)		SQ YD
				Silt Fence	187	LF
				SWPPP Design ‡		LS
				SWPPP Inspection ‡		EACH
				Water Pollution Control Manager ‡		EACH
900 lbs / acre		0.10		Mulch Tacking Slurry		LB
2 tons / acre		0.10		Mulching	0.2	TON
				Water (Erosion Control) (Set Price)	1	MGAL

1

NOTE: Projects less than 1 acre shall be bid as "Seeding" by the lump sum. See Permanent Seeding Summary of Seeding Quantities sheet LA850 for further details.

Geotextile (Erosion Control) shall be removed prior to placement of permanent slope protection.

Regreen and Quick Guard are the approved sterile wheatgrass products.

‡ If the total disturbed area of the project, not just the seeding area, is 1 acre or more, then these bid items must be included.

✱✱✱✱ List size of material.

The amount of mulch and mulch tacking slurry in the bid quantities is estimated. (Acres of Seeding X 1.5 X 2 Tons/Acre). The estimated quantity includes mulching associated with both temporary and permanent seeding operations. The total mulch and mulch tacking slurry required shall be determined in the field. The bid item for mulching and mulch tacking slurry shall be paid for according to the Standard Specifications.

Quantities for all erosion control items are estimated to give full flexibility for compliance with the NPDES permit. Final quantities will be determined in the field.

FERTILIZER: A ratio and application rate that equals or exceeds the required minimum rate per acre of N, P_2O_5, K_2O listed in Summary of Quantities will be acceptable.

✱ - N = Nitrogen Rate of Application
✱✱ - P_2O_5 = Phosphorous Rate of Application
✱✱✱ - K_2O = Potassium Rate of Application

The Contractor will be required to finish areas of excavation, borrow and embankment in accordance with the specifications. Areas that require installation or construction of temporary water pollution control items will be finished in reasonable close conformity to the alignment, grade and cross section shown on the plans or as established by the Engineer.

CLT = Construction Limit Tract. This area is defined by the entire disturbed area of the project that requires seeding and erosion control measures to be placed. Any impervious areas (i.e. pavement, gravel, riprap, etc.) shall not be included in this measurement.

Slope = Defined by the area of the project that requires Class 1 erosion control material to be placed. This area shall be seeded using the Soil Erosion Mix prior to placement of the material. Drilling seed is preferred, however, broadcasting is acceptable if drilling is not possible.

Channel = Defined by the area of the project that requires Class 2 erosion control material to be placed. This area shall be seeded using the Soil Erosion Mix prior to placement of the material. Drilling seed is preferred, however, broadcasting is acceptable if drilling is not possible.

GENERAL NOTES

The entire disturbed area, excepting the paved or surfaced areas, steep rocky slopes and areas of undisturbed native sod or other desirable vegetation shall be fertilized (limed when required), seeded, and mulched. Soil preparation shall conform to the Standard Specifications.

Temporary seeding shall be done during any time of the year that the soil can be cultivated. After the temporary seeding has been completed on the entire project, permanent seeding shall be done during the normal seeding season.

MULCHING: Mulch shall be spread uniformly over all disturbed areas and punched in the soil, unless otherwise noted on the plans. The rate of application per acre, thickness in place, for the mulching materials is generally as follows:

1¾ - 2¼ Tons per Acre = 1½" loose depth spread uniformly over acre.

Agricultural products, such as native prairie hay, used for mulching and erosion control practices, excluding wood based mulch, shall meet the North American Weed Free Forage Standards.

Other vegetative mulches are acceptable only with the Engineer's concurrence.

The above rate is a guide. It will be at the discretion of the Engineer to determine what rate is sufficient for adequate protection of newly seeded areas.

SOIL EROSION MIX

PLS RATE	NAME	QTY (lb)
200	Fertilizer (13–13–13)	20
0.5	Blue Grama Grass Seed (Lovington)	0.05
4.5	Buffalograss Seed (Treated)	0.45
2.6	Prarie Junegrass	0.26
4.5	Perennial Ryegrass	0.45
6.3	Side Oat Grama Grass See (El Reno)	0.63
4.5	Tall Fescue (Endophyte Free)	0.45
	Total (lb)	

The Soil Erosion Mix is to be placed under the Class 1 and/or Class 2 erosion control material.

The Soil Erosion Mix consists of the Shoulder Area of the Permanent Seed Mix used on the project.

1 2/12/2024: Removed "Temporary Seeding" Bid Item

NO.	DATE	REVISIONS	BY	APP'D
03	08-03-20	Added Note	M.R.D.	M.L.
02	12-01-17	Revised Standard	M.R.D.	S.H.S.
01	06-01-17	Revised Standard	M.R.D.	S.H.S.

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

LA852A

FHWA APPROVAL			01-26-18	APP'D.		Scott H. Shields	
DESIGNED	M.R.D.	DETAILED	M.R.D.	QUANTITIES		TRACED	
DESIGN CK.	S.H.S.	DETAIL CK.	S.H.S.	QUAN.CK.		TRACE CK.	

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SCHEDULE OF PRICES

PROJECT: **793-T-2212: Bridge on 215th Street West Over Afton Creek (B509)**
TYPE OF WORK: **Box Bridge, Grading, Surfacing, Guardrail**

Bidding Item	Approx. Quantity	Unit	Unit Price	Amount
CONTRACTOR CONSTRUCTION STAKING	1	LS		
FIELD OFFICE	1	EACH		
FOUNDATION STABILIZATION	48	CUYD		
GRANULAR BACKFILL (WINGWALLS)	30	CUYD		
MOBILIZATION	1	LS		
REMOVAL OF EXISTING STRUCTURES	1	LS		
CONCRETE FOR SEAL COURSE (SET PRICE)	1	CUYD	$225.00	$225.00
CLEARING AND GRUBBING	1	LS		
COMMON EXCAVATION (RURAL SMALL)	410	CUYD		
ROCK EXCAVATION	253	CUYD		
COMPACTION OF EARTHWORK (TYPE B) (MR-90)	211	CUYD		
WATER (GRADING) (SET PRICE)	1	MGAL	$40.00	$40.00
END SECTION (7.0 SQ.FT.) (CSMA)	2	EACH		
ENTRANCE PIPE (7.0 SQ.FT.) (CSMAC)	40	LNFT		
GUARDRAIL, STEEL PLATE	350	LNFT		
GUARDRAIL END TERMINAL (FLEAT)	2	EACH		
MAILBOX INSTALLATION (SET PRICE)	2	EACH	$150.00	$300.00
AGGREGATE BASE (SPECIAL) (6")	1,027	SQYD		
WATER (AGGREGATE BASE) (SET PRICE)	1	MGAL	$40.00	$40.00
PLANT MIX ASPHALT MIXTURE-COMMERCIAL GRADE	402	TON		
CONCRETE (GRADE 4.0)	93	CUYD		
CONCRETE (GRADE 4.0) (AE)	61	CUYD		
REINFORCING STEEL (GRADE 60)	2,270	LBS.		
REINFORCING STEEL (GRADE 60) (EPOXY COATED)	43,510	LBS.		
BRIDGE BACKWALL PROTECTION SYSTEM	194	SQYD		
SLOPE PROTECTION (RIPRAP STONE)	174	CUYD		
TEMPORARY FERTILIZER (15-30-15)	0.15	LBS.		
TEMPORARY SEED (CANADA WILDRYE)	2	LBS.		

TEMPORARY SEED (GRAIN OATS)	5	LBS.			
TEMPORARY SEED (STERILE WHEATGRASS)	5	LBS.			
TEMPORARY DITCH CHECK (ROCK)	19	CUYD			
SILT FENCE	187	LNFT			
MULCHING	0.2	TON			
WATER (EROSION CONTROL) (SET PRICE)	1	MGAL	$40.00	$40.00	
TEMPORARY SEEDING	-	LS	-	-	1
SEEDING	1	LS			
TRAFFIC CONTROL	1	LS			1
			GRAND TOTAL		

In Words:

DOLLARS

CENTS

Company or Firm Name

BY

TITLE