

Promptly sign and date on the line below, then **EMAIL IT BACK TO KDOT, EVEN IF NOT BIDDING.** **Or you may still FAX IT TO the Estimating Section at (785) 296-0999.** Any instructions not followed will result in your bid being declared irregular. If these changes affect any of your subcontractors or suppliers, **IT IS YOUR RESPONSIBILITY** to inform them. These changes are part of the contract for this project(s). Please contact me at (785) 296-3576, if there are questions. Thank you for your cooperation.

Kansas Department of Transportation
Bureau of Construction and Maintenance
Estimating Section

To: Prime Contractor Bid Holders

From: Shane Houser, P.E. - Estimating Engineer

Date: January 10, 2019

Proposal/Contract No.: 519012393

Subject: Project Notice for the **January 16, 2019 Letting**

25-55 KA-3927-01 LOGAN COUNTY – GRADING, BRIDGE & SURFACING

Be advised the Wage Rates for this project have been revised recently and will be included in the final contract. Below is a link to the Wage Rates.

<https://www.ksdot.org/bureaus/burconsmain/ppreq/wagedet.asp>

Special provision **15-WS0092 WORK SCHEDULE** has been replaced by **15-WS0092-R1**.

Also, the Geology Report was recently added to the Exploratory and Projects Report link.

One revised sheet is included.

EROSION CONTROL (CLASS I) (TYPE D) and TEMPORARY DITCH CHECK (ROCK) have been removed. BIOLOGS (9”), (12”) and (20”) have been added.

The quantity for SOIL EROSION MIX, MULCHING TACKING SLURRY and MULCHING has been revised.

To view this project’s documents, choose “**Addendum #1**” from KDOT’s website: <https://kdotapp.ksdot.org/Proposal/Proposal.aspx>. You must update your EBSX file by going to the Bid Express website: <http://www.bidx.com>, choose the correct Letting, locate and select the Proposal number to download “**16jan239.002X**”.

The Contractor is responsible for ensuring the EBSX file that the Contractor uses to prepare its Proposal and submits to KDOT contains any amendments.

We also recommend that you check the Bid Express “Questions and Answers” (<https://www.bidx.com/ks/lettings>) to review any questions that may have been posted for this project.

(Company Name)

(Signature)

(Date)

C: District 3 & Oakley Office

KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION LIST

PAGE: 1
DATE: 01/10/19

STATE PROJECT NO: K025-055 KA 3927-01

STATE CONTRACT NO: 519012393

PREPARED DATE:

WAGE AREA: 1

REVISED DATE: 08JAN19

PRIMARY DISTRICT: 3

PRIMARY COUNTY: LOGAN

DESCRIPTION: GRADING, BRIDGE & SURFACING. K-25: BR #023 (SMOKEY HILL RIVER) LOC 12.44 MI S OF JCT US-40 IN LOGAN COUNTY. LENGTH IS 0.246 MILES.

NOTE: THE FOLLOWING LIST OF SPECIAL PROVISIONS ARE FOR THIS PROJECT. OMISSION OF ALL OR PART OF A SPECIAL PROVISION IN THE ATTACHED PROPOSAL (CONTRACT) DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR OBTAINING THE COMPLETE PROVISION AS LISTED.

PROVISION NO. DESCRIPTION

08-10-66-R05	REQUIRED CONTRACT PROVISION-NONCOLLUSION / HISTORY-DEBARMENT
04-30-82-R07	REQUIRED CONTRACT PROVISION-FINANCIAL PREQUALIFICATION
08-04-92-R03	REQUIRED CONTRACT PROVISION-CONTRACTUAL SERVICES-LEGISLATOR
04-26-90-R05	REQUIRED CONTRACT PROVISION-LIMITS OF FED FUNDS FOR LOBBYING
10-10-00-R08	REQUIRED CONTRACT PROVISION-PRICE ADJUSTMENT FOR FUEL
07-19-80-R13	REQUIRED CONTRACT PROVISION-DBE CONTRACT GOAL
11-03-80-R09	REQUIRED CONTRACT PROVISION-NOTICE FOR AFFIRMATIVE ACTION
11-15-96-R05	REQUIRED CONTRACT PROVISION-EEO REQUIREMENT
07-01-17-R1	REQUIRED CONTRACT PROVISION - BOYCOTT OF ISRAEL PROHIBITED
01-01-11-R01	REQUIRED CONTRACT PROVISION-TAX CLEARANCE CERTIFICATE
09-06-94-R01	NOTICE TO CONTRACTORS (USDOT HOTLINE)
KS190014	MINIMUM WAGE RATE (AREA 1)
FHWA-1273	REQUIRED CONTRACT PROVISION-FEDERAL-AID CONSTRUCTION CONTRACTS
03-10-06-R01	REQUIRED CONTRACT PROVISION-DBE SUPPLIERS/REGULAR DEALERS
07-18-80-R29	REQUIRED CONTRACT PROVISION-UTILIZATION OF DBE'S
03-01-18	POLICY AGAINST SEXUAL HARASSMENT
15-ER-1-R15	ERRATA SHEET FOR STD SPEC BOOK FOR RD & BR CONST, 2015 ED
15-01002	INFORMATION TO CONTRACTORS (STATUS OF UTILITIES)
15-01008-R01	FUEL ADJUSTMENT
15-01011-R06	ENVIRONMENTAL CONCERNS - MIGRATORY BIRD TREATY ACT
15-01016-R02	PROSECUTION AND PROGRESS
15-01017	CARGO PREFERENCE ACT
15-01018	CONTROL OF MATERIALS
15-01019	CONTROL OF WORK
15-01021-R01	BIDDING REQUIREMENTS AND CONDITIONS
15-01022	SCOPE OF WORK
15-02001	REMOVAL OF EXISTING STRUCTURES
15-04002	STRUCTURAL CONCRETE
15-04003	ON GRADE CONCRETE
15-04005	GENERAL CONCRETE
15-07011-R01	CONCRETE STRUCTURE CONSTRUCTION
15-07005-R02	QUALIFICATION OF FIELD WELDERS
15-08004-R01	TAPERED PAVEMENT EDGE
15-08015	CONTRACTOR CONSTRUCTION STAKING
15-09002-R03	STORMWATER POLLUTION MANAGEMENT

KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION LIST

PAGE: 2
DATE: 01/10/19

STATE PROJECT NO: K025-055 KA 3927-01

STATE CONTRACT NO: 519012393

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PROVISION NO. DESCRIPTION

15-09003	MULCHING
15-11001-R03	STONE FOR RIPRAP, DITCH LINING AND OTHER MISCELLANEOUS USES
15-11002-R01	AGGREGATE FOR HMA
15-11003-R02	AGGS FOR CONCRETE NOT PLACED ON GRADE
15-11004-R01	AGGREGATE FOR ON GRADE
15-12001	GENERAL REQUIREMENT DIVISION 1200
15-14001-R01	AIR-ENTRAINING ADMIXTURES FOR CONCRETE
15-14002	SHEET MATERIALS FOR CURING CONCRETE
15-15001	HOT JOINT SEALING COMPOUND
15-15002	PREFORMED EXPANSION JOINT FILLER FOR CONCRETE
15-16003-R01	STEEL WIRE & WELDED WIRE FABRIC FOR CONCRETE REINFORCEMENT
15-16008	STEEL PLATE GUARDRAIL AND PROPRIETARY END TERMINALS
15-17003-R01	GEOFOAM
15-17004-R02	RELEASE COMPOUND FOR ASPHALT MIXES
15-17007-R02	GEOSYNTHETICS
15-19005-R03	USES OF PIPE
15-19006-R01	CMP AND END SECTIONS
15-20001	PORTLAND CEMENT AND BLENDED HYDRAULIC CEMENT
15-21001	SEEDS
15-23001-R01	WOOD POSTS
15-23003	FIELD HANDLING AND PRESERVATIVE TREATMENT OF WOOD PRODUCTS
15-25001-R06	PART V
15-25002	CONSTRUCTION MANUAL - PART V
15-26001-R07	MATERIALS CERTIFICATIONS
15-WS0092-R1	WORK SCHEDULE
15-EV0024	SPECIAL CONDITIONS – ENVIRONMENTAL

END OF SPECIAL PROVISION LIST

**KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, 2015 EDITION**

WORK SCHEDULE; SPECIFIED CALENDAR COMPLETION DATES; LIQUIDATED DAMAGES; CLEANUP TIME

I. PROJECT DEFINED; NATURE OF PROJECT

The primary operation on Project No. 25-55 KA 3927-01 is the construction of Bridge 25-55-24.28(030) in Logan County.

II. NOTICE TO PROCEED

The Engineer will issue the notice to proceed at the Contractor's request and after all of the following have occurred: the Contract has been executed, the Contractor has participated in the pre-construction and stormwater erosion control pre-construction conferences held by KDOT for the Project, and the Area Engineer has approved the SWPPP.

III. CALENDAR COMPLETION DATE OF OCTOBER 15, 2019 FOR COMPLETION OF ALL WORK NECESSARY TO OPEN THE PROJECT TO UNRESTRICTED TRAFFIC; LIQUIDATED DAMAGES

A. On or before **OCTOBER 15, 2019**, the Contractor shall complete all work necessary to open the project to unrestricted traffic as the Contract Documents require.

B. Liquidated Damages. If the Contractor fails to complete all work necessary to open the project to unrestricted traffic on or before **OCTOBER 15, 2019**, the Contractor shall be liable for liquidated damages. Excluding Sundays and legal Holidays, the liquidated damages charged and owing shall be **three thousand dollars (\$3,000.00)** per day for each calendar day, or part thereof that the project is not open to unrestricted traffic after **OCTOBER 15, 2019**.

C. The Engineer may charge damages under both Section III.B and Section IV.B for failure to complete the work timely as required; however, if damages are assessed on the same day, the Engineer will not withhold more than \$3,000.00 on that day.

IV. CALENDAR COMPLETION DATE OF NOVEMBER 8, 2019 FOR COMPLETION OF ALL WORK INCLUDING CLEANUP EXCEPT FOR PERMANENT SEEDING; LIQUIDATED DAMAGES

A. **Subsection 108.4c** of the Kansas Department of Transportation Standard Specifications for State Road and Bridge Construction (2015 Ed.) (Standard Specifications) does not apply to this Contract. Instead, except for permanent seeding, the Contractor shall complete all remaining, unfinished contract pay items, subsidiary items, incidental work, final cleanup, and final punch list on or before **NOVEMBER 8, 2019**.

B. Liquidated Damages. Except for permanent seeding, if all remaining, unfinished contract pay items and all subsidiary items, incidental work, final cleanup, and final punch list are not completed on or before **NOVEMBER 8, 2019**, the Contractor shall be liable for liquidated damages. Excluding Sundays and legal Holidays, the liquidated damages charged and owing shall be **one thousand five hundred dollars (\$1,500.00)** per day for each calendar day, or part thereof that all work on the project except for permanent seeding is not complete after **NOVEMBER 8, 2019**.

C. The liquidated damages charged in Section IV.B are in addition to the liquidated damages that may be charged under Section III.B; however, if damages are assessed on the same day, the Engineer will not withhold more than \$3,000.00 on that day.

D. Liquidated Damages when project is not open to unrestricted traffic. If at any time after **OCTOBER 15, 2019**, the Contractor obstructs the unrestricted traffic flow in order to perform any work, the Contractor shall be liable for liquidated damages under Section III.B. Excluding Sundays and legal Holidays, the liquidated damages charged and owing shall be **three thousand dollars (\$3,000.00)** per day for each calendar day, or part thereof that the project is not open to unrestricted traffic after **OCTOBER 15, 2019**.

V. CALENDAR COMPLETION DATE OF DECEMBER 13, 2019 FOR COMPLETION OF PERMANENT SEEDING; LIQUIDATED DAMAGES

A. On or before **DECEMBER 13, 2019**, the Contractor shall complete all permanent seeding as the Contract Documents require.

B. Liquidated Damages. If the Contractor fails to complete all permanent seeding on or before **DECEMBER 13, 2019**, the Contractor shall be liable for liquidated damages. Excluding Sundays and legal Holidays, the liquidated damages charged and owing shall be **five hundred dollars (\$500.00)** per day for each calendar day, or part thereof that all the permanent seeding is not completed after **DECEMBER 13, 2019**.

C. The liquidated damages charged under Section V.B are in addition to the liquidated damages that may be charged under Sections III.B and IV.B; however, if damages are assessed under Section V.B on the same day the Engineer assesses damages under Section III.B, the Engineer will not withhold more than \$3,000 per day of assessment. If damages are assessed under Section V.B on the same day the Engineer assesses damages under Section IV.B, the Engineer will not withhold more than \$1,500 per day of assessment.

12-19-18 C&M (AR) |

Line Number	Item Number	Quantity	Unit	Unit Price	Extension Price
Section 01					
COMMON ITEMS					
1	020100	1.00	LS		
	CONTRACTOR CONSTRUCTION STAKING				
2	025602	1.00	EACH		
	FIELD OFFICE AND LABORATORY (TYPE C)				
3	025323	1.00	LS		
	MOBILIZATION				
4	070626	1.00	LS		
	MOBILIZATION (DBE)				
5	025200	1.00	LS		
	REMOVAL OF EXISTING STRUCTURES				
6	020001	1.00	LS	\$4,000.000	\$4,000.00
	MAINTENANCE AND RESTORATION OF HAUL ROADS (SET PRICE)				
7	071554	1.00	CUYD	\$175.000	\$175.00
	CONCRETE FOR SEAL COURSE (SET PRICE)				
8	012340	1.00	CUYD	\$60.000	\$60.00
	FOUNDATION STABILIZATION (SET PRICE)				
9	040707	1.00	LS		
	CURING ENVIRONMENT				
10	070580	1.00	HOUR	\$25.000	\$25.00
	FLAGGER (SET PRICE)				
Section 01 Total					\$4,260.00
Section 02					
ROAD ITEMS					
11	025361	1.00	LS		
	CLEARING AND GRUBBING				
12	012410	3584.00	CUYD		
	COMMON EXCAVATION (RURAL SMALL)				
13	012415	5002.00	CUYD		
	COMMON EXCAVATION (CONTRACTOR FURNISHED)				
14	012420	764.00	CUYD		
	ROCK EXCAVATION				
15	012317	2678.00	CUYD		
	COMPACTION OF EARTHWORK (TYPE A) (MR-5-5)				
16	012319	1006.00	CUYD		
	COMPACTION OF EARTHWORK (TYPE AA) (MR-5-5)				
17	010114	1.00	MGAL	\$35.000	\$35.00
	WATER (GRADING) (SET PRICE)				
18	012365	2472.00	CUYD		
	SELECT SOIL				
19	030189	6576.00	SQYD		
	SALVAGED TOPSOIL				
20	054700	2.00	EACH		
	END SECTION (36")				
21	051175	38.00	LNFT		
	ENTRANCE PIPE (36")				

22	023456	375.00	LNFT		
	GUARDRAIL, STEEL PLATE (MGS)				
23	012711	2.00	EACH		
	FLUME INLET (CONCRETE)				
24	012281	62.00	LNFT		
	SLOPE DRAIN (STONE)				
25	011590	1.00	CUYD	\$35.000	\$35.00
	TEMPORARY SURFACING MATERIAL (AGGREGATE) (SET PRICE)				
26	030700	0.40	PMPS		
	MOWING				
27	072144	8.00	EACH		
	RIGHT-OF-WAY SURVEY MONUMENT				
28	025320	1.00	EACH		
	MONUMENT BOX				
Section 02 Total					\$70.00

Section 03					
	GUARDRAIL END TERMINAL ALT. (MGS-SRT)				
29	030566	4.00	EACH		
	GUARDRAIL END TERMINAL (MGS-SRT)				
Section 03 Total					

Section 04					
	GUARDRAIL END TERMINAL ALT. (MGS-FLEAT)				
30	030567	4.00	EACH		
	GUARDRAIL END TERMINAL (MGS-FLEAT)				
Section 04 Total					

Section 05					
	TEMP PRJ WTR POL CTL-SOIL EROSION				
31	072223	570.00	LBS.		
	TEMPORARY FERTILIZER (16-20- 0)				
32	013589	76.00	LBS.		
	TEMPORARY SEED (CANADA WILD RYE)				
33	013544	171.00	LBS.		
	TEMPORARY SEED (GRAIN OATS)				
34	061377	171.00	LBS.		
	TEMPORARY SEED (STERILE WHEATGRASS)				
35	030537	9.60	LBS.		
	SOIL EROSION MIX				
36	072287	833.00	SQYD		
	EROSION CONTROL (CLASS 2) (TYPE E)				
37	071291	1.00	CUYD	\$35.000	\$35.00
	SEDIMENT REMOVAL (SET PRICE)				
38	072400	1.00	LNFT	\$1.000	\$1.00
	TEMPORARY BERM (SET PRICE)				

39	070894	863.00	LNFT		
	BIODEGRADABLE LOG (9")				
40	070895	1151.00	LNFT		
	BIODEGRADABLE LOG (12")				
41	070896	691.00	LNFT		
	BIODEGRADABLE LOG (20")				
42	010598	518.00	LNFT		
	SILT FENCE				
43	000098	1.00	LS		
	SWPPP DESIGN				
44	000097	30.00	EACH		
	SWPPP INSPECTION				
45	000103	38.00	EACH		
	WATER POLLUTION CONTROL MANAGER				
46	030635	3240.00	LBS.		
	MULCHING TACKING SLURRY				
47	030638	10.80	TON		
	MULCHING				
48	010123	1.00	MGAL	\$35.000	\$35.00
	WATER (EROSION CONTROL) (SET PRICE)				
Section 05 Total					\$71.00

Section 06

BR. NO. 25-55-24.28 (030)

49	012400	151.00	CUYD		
	CLASS I EXCAVATION				
50	012401	210.00	CUYD		
	CLASS II EXCAVATION				
51	012073	971.60	CUYD		
	CONCRETE (GRADE 4.0) (AE) (SW)				
52	072350	178.80	CUYD		
	CONCRETE (GRADE 4.0) (AE)				
53	025103	245420.00	LBS.		
	REINFORCING STEEL (GRADE 60) (EPOXY COATED)				
54	025100	6080.00	LBS.		
	REINFORCING STEEL (GRADE 60)				
55	014240	279.00	LNFT		
	PRE-DRILLED PILE HOLES				
56	014070	586.00	LNFT		
	PILES (STEEL) (HP12X53)				
57	014069	180.00	LNFT		
	PILES (STEEL) (HP10X42)				
58	014054	36.00	LNFT		
	TEST PILES (SPECIAL) (HP12X53)				
59	014053	34.00	LNFT		
	TEST PILES (SPECIAL) (HP10X42)				
60	071021	44.00	SQYD		
	BRIDGE BACKWALL PROTECTION SYSTEM				

61	014018	24.00	CUYD
ABUTMENT AGGREGATE DRAIN			
62	070972	709.00	CUYD
SLOPE PROTECTION (SHOT ROCK)			
63	013333	1016.00	SQYD
BRIDGE DECK GROOVING			

Section 06 Total

Section 07
CONCRETE SURFACING ITEMS

64	013606	238.00	SQYD
CONCRETE PAVEMENT (10" UNIFORM) (AE) (BR APP)			
65	025509	37.90	CUYD
BRIDGE APPROACH SLAB FOOTING			

Section 07 Total

Section 08
ASPHALT SURFACING ITEMS

66	041003	1828.00	TON
HMA-COMMERCIAL GRADE (CLASS A)			
67	025600	1.00	EACH
FIELD OFFICE AND LABORATORY (TYPE A)			

Section 08 Total

Section 09
SEEDING ITEMS

68	030345	190.00	LBS.
FERTILIZER (16-20- 0)			
69	030384	7.20	LBS.
SEED (BIG BLUESTEM GRASS) (KAW)			
70	030374	3.80	LBS.
SEED (BLUE GRAMA GRASS) (LOVINGTON)			
71	030401	36.60	LBS.
SEED (BUFFALO GRASS) (TREATED)			
72	030455	7.20	LBS.
SEED (INDIANGRASS) (OSAGE)			
73	030383	9.00	LBS.
SEED (LITTLE BLUESTEM GRASS) (ALDOUS)			
74	030373	23.90	LBS.
SEED (SIDE OATS GRAMA) (EL RENO)			
75	031954	38.00	LBS.
SEED (STERILE WHEATGRASS)			
76	030545	3.60	LBS.
SEED (SWITCHGRASS) (BLACKWELL)			
77	030569	15.60	LBS.
SEED (WESTERN WHEATGRASS) (BARTON)			

78 083464 26.60 LBS.

SEED (NATIVE WILDFLOWER MIX 2)

Section 09 Total

Section 10
TRAFFIC CONTROL ITEMS

79 025331 50610.00 EADA
WORK ZONE SIGNS (0 TO 9.25 SQ.FT.)

80 025332 3360.00 EADA
WORK ZONE SIGNS (9.26 TO 16.25 SQ.FT.)

81 025376 2940.00 EADA
WORK ZONE BARRICADES (TYPE 3 - 4 TO 12 LIN. FT.)

82 011492 4200.00 EADA
CHANNELIZER (PORTABLE)

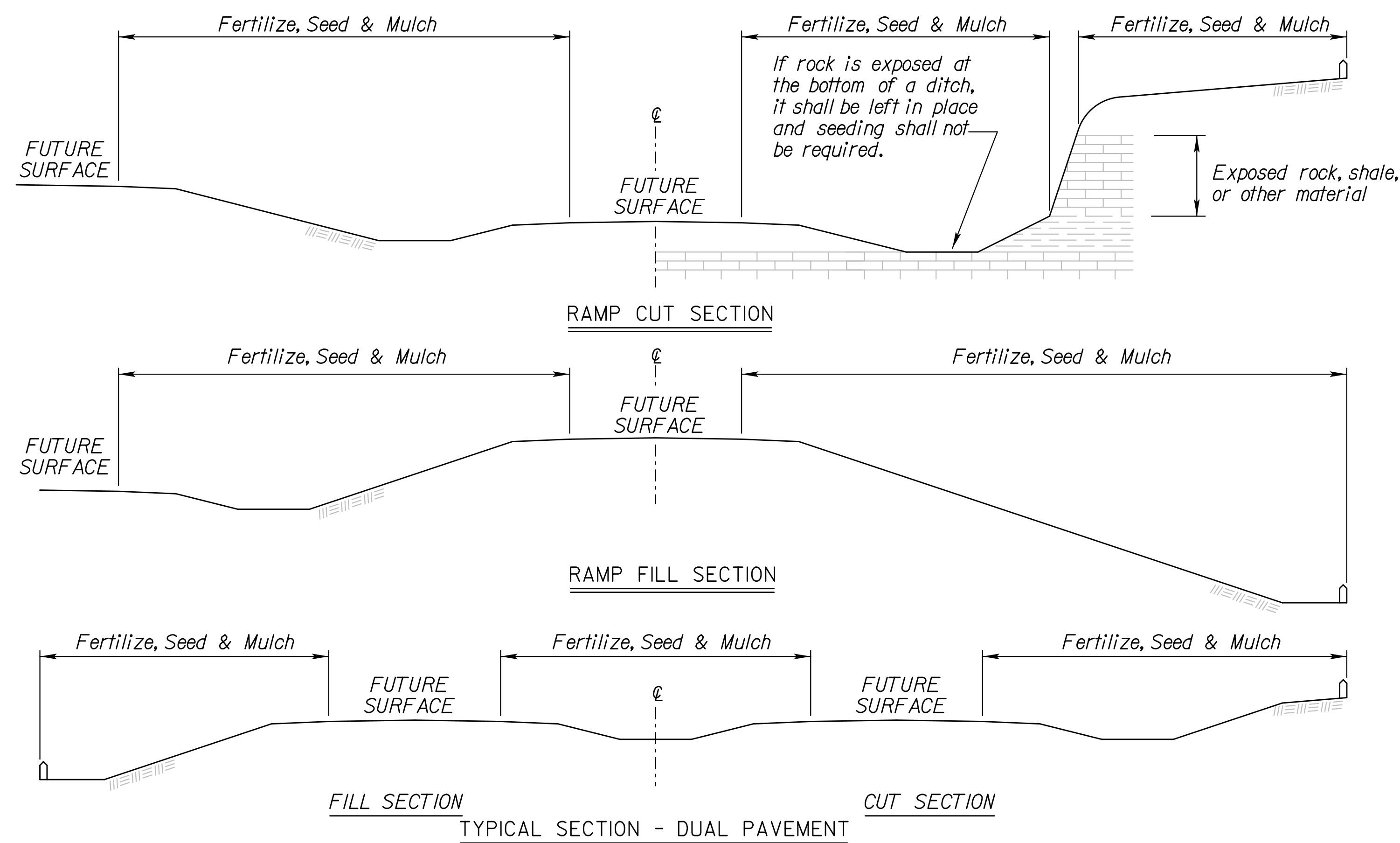
83 025343 2940.00 EADA
WORK ZONE WARNING LIGHT (TYPE "A" LOW INTENSITY)

84 082001 4.00 EACH
WORK ZONE SIGN (SPECIAL) (16.25 SQ.FT. & LESS)

85 072116 1.00 LS
TRAFFIC CONTROL (INITIAL SETUP)

Section 10 Total

Item Total \$4,401.00



SUMMARY OF SEEDING / EROSION CONTROL QUANTITIES						
P.L.S. RATE/ ACRE		ACRES		BID ITEM	QUANTITY	UNIT
CLT	SL/CH	CLT	SL/CH			
150		3.8		Temporary Fertilizer (16 - 20 - 0)	570	LB
20		3.8		Temporary Seed (Canada Wildrye)	76	LB
45		3.8		Temporary Seed (Grain Oats)	171	LB
45		3.8		Temporary Seed (Sterile Wheatgrass)	171	LB
	47.8		0.2	Soil Erosion Mix	9.6	LB
				Erosion Control (Class 1, Type)		SQ YD
				Erosion Control (Class 2, Type E)	833	SQ YD
				Sediment Removal (Set Price)	1	CU YD
				Synthetic Sediment Barrier		LF
				Temporary Berm (Set Price)	1	LF
				Temporary Ditch Check (Rock)		CU YD
				Temporary Inlet Sediment Barrier		EACH
				Temporary Sediment Basin		CU YD
				Temporary Slope Drain		LF
				Biodegradable Log (9")	863	LF
				Biodegradable Log (12")	1151	LF
				Biodegradable Log (20")	691	LF
				Filter Sock (12")		LF
				Filter Sock (18")		LF
				Geotextile (Erosion Control)		SQ YD
				Silt Fence	518	LF
				SWPPP Design †	Lump Sum	LS
				SWPPP Inspection †	30	EACH
				Water Pollution Control Manager †	38	EACH
900 lbs / acre		3.6		Mulch Tacking Slurry	3240	LB
2 tons / acre		3.6		Mulching	10.8	TON
				Water (Erosion Control) (Set Price)	1	MGAL

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.

FERTILIZER: A ratio and application rate that equals or exceeds the required minimum rate per acre of N, P₂O₅, K₂O listed in Summary of Quantities will be acceptable.

- * - N = Nitrogen Rate of Application
- ** - P₂O₅ = Phosphorous Rate of Application
- *** - K₂O = 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:

$1\frac{3}{4} - 2\frac{1}{4}$ Tons per Acre = $1\frac{1}{2}$ " 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)
1	Blue Grama (Lovington)	0.2
24.5	Buffalograss (Treated)	4.9
6.3	Side Oats Grama (El Reno)	1.3
10	Sterile Wheatgrass	2.0
6	Western Wheat (Barton)	1.2
47.8	Total (lb)	9.6

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.

NEW SHEET - Released by Addendum
DATE - 1/10/19
VOID PREVIOUS ISSUE

3	12/01/17	Revised Standard	MRD	SHS
2	6/01/17	Revised Standard	MRD	SHS
1	2/01/17	Revised Standard	MRD	SHS
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

LA852A

DESIGNED	MRD	1/26/2018	APP'D	Scott H. Shields
DESIGN CK.	SHS		CADD	
	SHS		CADD CK.	

Std. Base File:
 Plotted By: melissa
 File: la852a.dgn
 Plot Date: 09-JAN-2019 09:14