

ADDENDUM NO. 1

Sedgwick County Project: Drater Estates; Street Improvements

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:

- SOP-1R to SOP-2R: Omit bid items “SWPPP Inspection” and “Water Pollution Control Manager”.

PLANS:

- Sheet 2R: Revise Note 16 in General Notes to remove reference to SWPPP.
- Sheet 3R:
 - In both Typical Sections, change bases to read “6” Aggregate Base (Special)”.
 - Under Topsoil Notes, remove reference to “6” Compaction (Type B)(MR-90)” from Note 3.
- Sheet 38R: Remove Bid Items “SWPPP Inspection” and “Water Pollution Control Manager” from Summary Table.

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

October 19, 2023

SCHEDULE OF PRICES

PROJECT: Drater Estates; Grading, Street and Drainage Improvements

TYPE OF WORK: Asphalt Surfacing , Grading, Drainage, Seeding

Bidding Item	Approx. Quantity	Unit	Unit Price	Amount
Contractor Construction Staking	1	LSUM		
Mobilization	1	LSUM		
Clearing and Grubbing	1	LSUM		
Common Excavation	35,134	C.Y.		
Compaction of Earthwork (Type B)(MR-90)	24,488	C.Y.		
Concrete (Grade 4.0)	54.1	C.Y.		
Reinforcing Steel (Grade 60)	3,700	LBS		
Water (Grading)(Set Price)	1	MGAL	\$ 35.00	
Cross Road Pipe (18")(RCP)	323	L.F.		
Cross Road Pipe (24")(RCP)	75	L.F.		
Cross Road Pipe (30")(RCP)	146	L.F.		
Cross Road Pipe (36")(RCP)	74	L.F.		
End Section (18")(RC)	8	EACH		
End Section (24")(RC)	2	EACH		
End Section (30")(RC)	4	EACH		
End Section (36")(RC)	2	EACH		
Riprap (Light Stone)	1,115	S.Y.		
Aggregate Base (Special) (6")	12,394	S.Y.		
Aggregate Shoulder (AB-3)(4")	2,991	S.Y.		
Water (Aggregate Base) (Set Price)	1	MGAL	\$ 35.00	
Plant Mix Asphalt Mixture - Commercial Grade (Base)(4")	2,252	TON		
Plant Mix Asphalt Mixture - Commercial Grade (Surface)(2")	1,075	TON		
Temporary Fertilizer (15-30-15)	2,550	LBS		
Temporary Seeding	1	LSUM		
Seeding	1	LSUM		
Erosion Control (Class 2)(Type G)	823	S.Y.		
Sediment Removal (Set Price)	1	C.Y.	\$ 35.00	
Temporary Berm (Set Price)	1	L.F.	\$ 1.00	
Biodegradable Log (20")	1,700	L.F.		
Silt Fence	700	L.F.		
SWPPP Design	1	LSUM		
Mulching	50.3	TON		
Water (Erosion Control)(Set Price)	1	MGAL	\$ 35.00	
Traffic Control	1	LSUM		
Sign (Flat Sheet) (High Performance)	114.5	S.F.		
Sign Post (1-3/4" Perforated Square Steel Tube)	72	L.F.		
Sign Post (2-1/4" Perforated Square Steel Tube)	12	L.F.		
Sign Post Footing (2" Perforated Square Steel Tube)	24	EACH		

SCHEDULE OF PRICES

PROJECT: Drater Estates; Grading, Street and Drainage Improvements

TYPE OF WORK: Asphalt Surfacing , Grading, Drainage, Seeding

Bidding Item	Approx. Quantity	Unit	Unit Price	Amount
Sign Post (2 lb/ft "U" Steel)	187	L.F.		
GRAND TOTAL				

In Words: _____

DOLLARS

Company or Firm Name

BY _____

TITLE _____

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	DRATER ESTATES	2023	2R	60

GENERAL NOTES

- Contractor shall contact the County's project engineer prior to any construction to arrange construction inspection of this project.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed at a location to be approved by the Engineer. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. Stockpile areas are to be coordinated with owner.
- All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps permitting regulations. Any material buried or stockpiled outside of the construction limits of the project will require additional archeological investigations unless buried in a previously approved borrow location.
- The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
- All signs and traffic control devices shall conform to the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD).
- Prior to the start of construction the Contractor shall flag and reference all property corners that may be disturbed by construction operations, and verify these in the field in the presence of the Engineer and the Contractor's surveyor. After construction and before the final inspection, a letter signed and sealed by a Kansas licensed Land Surveyor certifying replacement of all disturbed property corners shall be submitted to the Engineer.
- It should be noted that other buried lines and cables may exist which are not shown on these plans. The Contractor shall exercise extreme caution during trenching operations to avoid damaging these lines. Any lines damaged shall be repaired or replaced immediately as directed by the Engineer at the Contractor's expense.
- Contractor will be required to provide a minimum advance notice of two (2) working days to utility companies prior to starting any excavation.

Kansas One-Call 316-687-2470

The Contractor must notify the following in case of an emergency:

AT&T	1-800-246-8464
BLACK HILLS ENERGY	1-800-694-8989
CITY OF MAIZE	1-316-722-4854
IDEATEK TELCOM	1-620-747-2364
SEDGWICK COUNTY ELECTRIC COOPERATIVE	1-316-542-3131
SEDGWICK COUNTY PUBLIC WORKS	1-316-660-1777
SOUTHERN STAR CENTRAL GAS	1-800-324-9696
WICHITA WATER	1-316-219-8921

- Ditch grading alignment shall be field adjusted as needed to preserve trees 10" diameter and larger. Alignment to be approved by engineer.
- The Contractor shall restore all ditches, swales, road shoulders and banks to their original slopes and grades. Where existing entrance pipe, drainage pipe, signs, fences, etc., conflict with the proposed work herein, they shall be removed and replaced or reset unless otherwise indicated on the plans. Subsidiary to the lump sum bid item under "Site Clearing and Restoration".
- Easements and Rights-of-Way provided by the owner for the project are shown in the plans. The Contractor shall be responsible for the acquisition of any additional temporary easements or Rights-of-Way which he desires to use in completing the work.
- Positive drainage shall be provided for all areas on or near spoil areas. Natural drainage ways shall be maintained, except as noted on the plans.
- The Contractor shall also contact the Engineer and Sedgwick County Public Works at least 72 hours prior to beginning construction to advise them of the intended work and of proposed schedule:

Sedgwick County Public Works
1144 S. Seneca Wichita, KS 67203
Daniel Schrant: (316) 660-1778
Randy Downs: (316) 660-1716
- At all times and weather conditions access shall be provided for local traffic. All provisions necessary to accomplish this, including temporary surfacing material, shall be subsidiary to other bid items.
- Upon completion of construction, all areas disturbed by construction activities shall be seeded, fertilized and mulched in accordance with the specifications.
- A Notice of Intent has been submitted to the Kansas Department of Health and Environment for the project. The contractor shall conform to the requirements of the KDHE permit for construction activities.

- Brush piles shall be disposed of by removing to an off site location or burning on site. If burning occurs on site the contractor shall properly remove all remaining ash and debris. Any burning shall be in accordance with any and all local, state, and federal laws and contractor is responsible for obtaining necessary permits.
- Prior to construction, the Contractor shall obtain a Sedgwick County Stormwater Permit. A permit may be obtained by contacting Scott Bowen, Sedgwick County Environmental Resources, and emailing the Final Plans, SWPPP, NOI (Signed by KDHE), and Erosion Control Plan. These documents will be provided to the winning bidder.

Phone: (316) 660-7208
Email: Scott.Bowen@sedgwick.gov



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1995 Midfield Rd
Wichita, KS 67209
(316) 264-8008



REV.	DATE	DESCRIPTION	BY
1	10/18/23	ALTERED NOTE NUMBER 16	CDJ



New Windows for America, LLC
Wichita, KANSAS

DRATER ESTATES
SEDGWICK COUNTY, KANSAS

GENERAL NOTES

JOB NO.: 2300764
DATE: JUN 2023
DESIGNED BY: CDJ
DRAWN BY: CDJ

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1'
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

SHEET NUMBER **2R** OF **60**

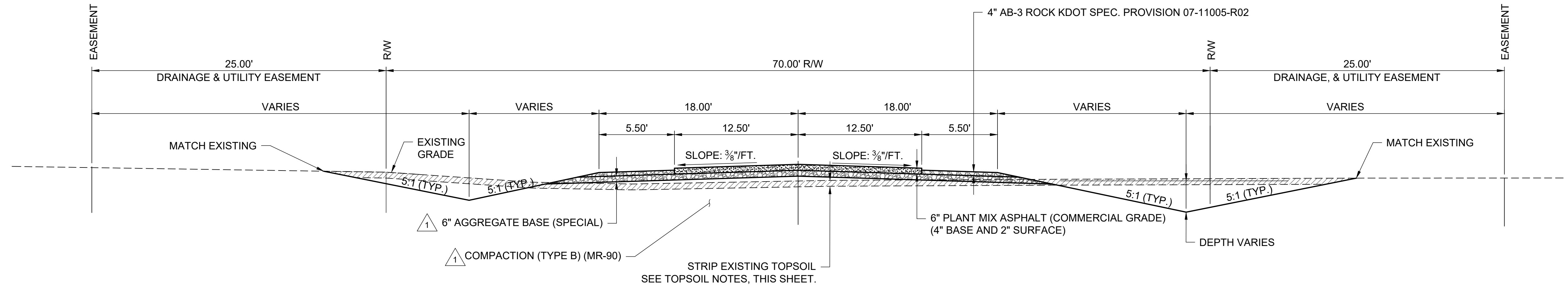


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	DRATER ESTATES	2023	3	60

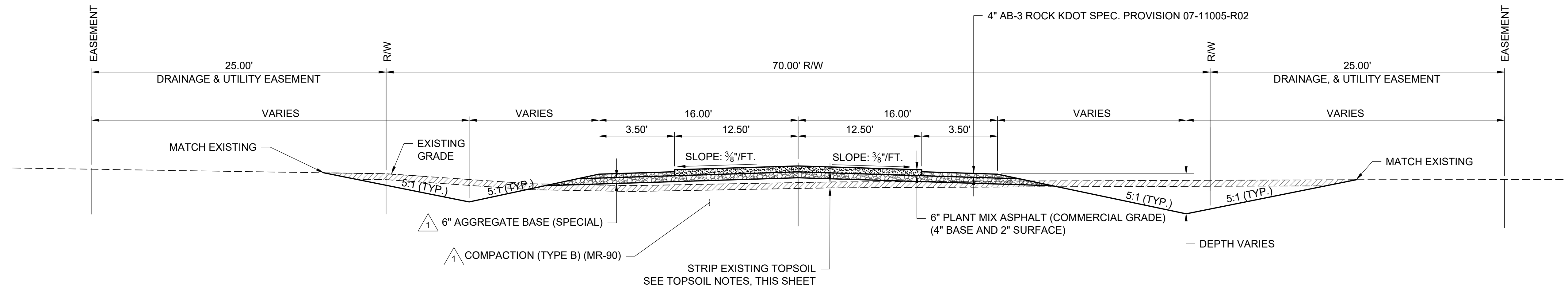


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Wichita, KS 67209
(316) 264-8008



TYPICAL DEAD-END PAVING SECTION
DUTTON COURT & RIP ROAD
NOT TO SCALE



TYPICAL THRU-ROAD PAVING SECTION
DUTTON STREET
NOT TO SCALE

TOPSOIL NOTES

- 1. THE TOP 6" OF ALL AREAS TO BE SEEDDED SHALL BE TOPSOILED IN ACCORDANCE WITH SECTION 905 OF THE STANDARD SPECIFICATIONS. THIS MATERIAL SHALL BE OBTAINED BY STRIPPING SOIL FROM WITHIN THE CONSTRUCTION LIMIT AND SHALL BE FREE OF ALL ROCKS, RUBBLE, TRASH, AND OTHER FOREIGN OR TOXIC MATERIAL, AND SHALL BE CAPABLE OF SUPPORTING VEGETATION.
- 2. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR PLACING TOPSOIL ON THIS PROJECT. DOUBLE HANDLING OF MATERIAL STOCKPILED, OVER-EXCAVATION AND PLACEMENT OF MATERIAL THROUGH CUTS, AND OVER-EXCAVATION AND REPLACEMENT OF MATERIAL TO THE ORIGINAL GROUNDLINE THROUGH FILL IS NOT QUANTIFIED AND SHALL BE SUBSIDIARY TO OTHER EARTHWORK BID ITEMS. ALTHOUGH NOT BROKEN OUT SEPARATELY, QUANTITIES FOR TOPSOIL IN FILL SECTIONS IS INCLUDED IN THE COMPACTION QUANTITIES.
- 3. 6" COMPACTION THROUGH CUTS IS CONSIDERED AS FOUNDATION TREATMENT AND IS SUBSIDIARY TO THE BID ITEM 'COMPACTION OF EARTHWORK'.

GRADATION REQUIREMENTS

MINERAL AGGREGATES PERCENTAGE BY WEIGHT RETAINED	BASE SIEVE SIZE				
	3/4"	3/8"	#8	#30	#200
SURFACE COURSE BM-2	0	8-30	42-72	64-88	90-97

DESIGN REQUIREMENTS

ALL ASPHALT MIXTURES SHALL CONFORM TO THE FOLLOWING MARSHALL REQUIREMENTS WHEN TESTED IN ACCORDANCE WITH THE LATEST REVISION OF ASTM D-1559.

DESIGN REQUIREMENTS	
MIX TYPE	BM-2
MIN. STABILITY (LBS)	1600
VOIDS (%)	3-5
VFA (%)	65-78

REV.	DATE	DESCRIPTION	BY
1	10/18/23	ADDED TOPSOIL NOTES ALTERED AGG BASE LABEL	CDJ



New Windows for America, LLC
Wichita, KANSAS
DRATER ESTATES
SEDGWICK COUNTY, KANSAS

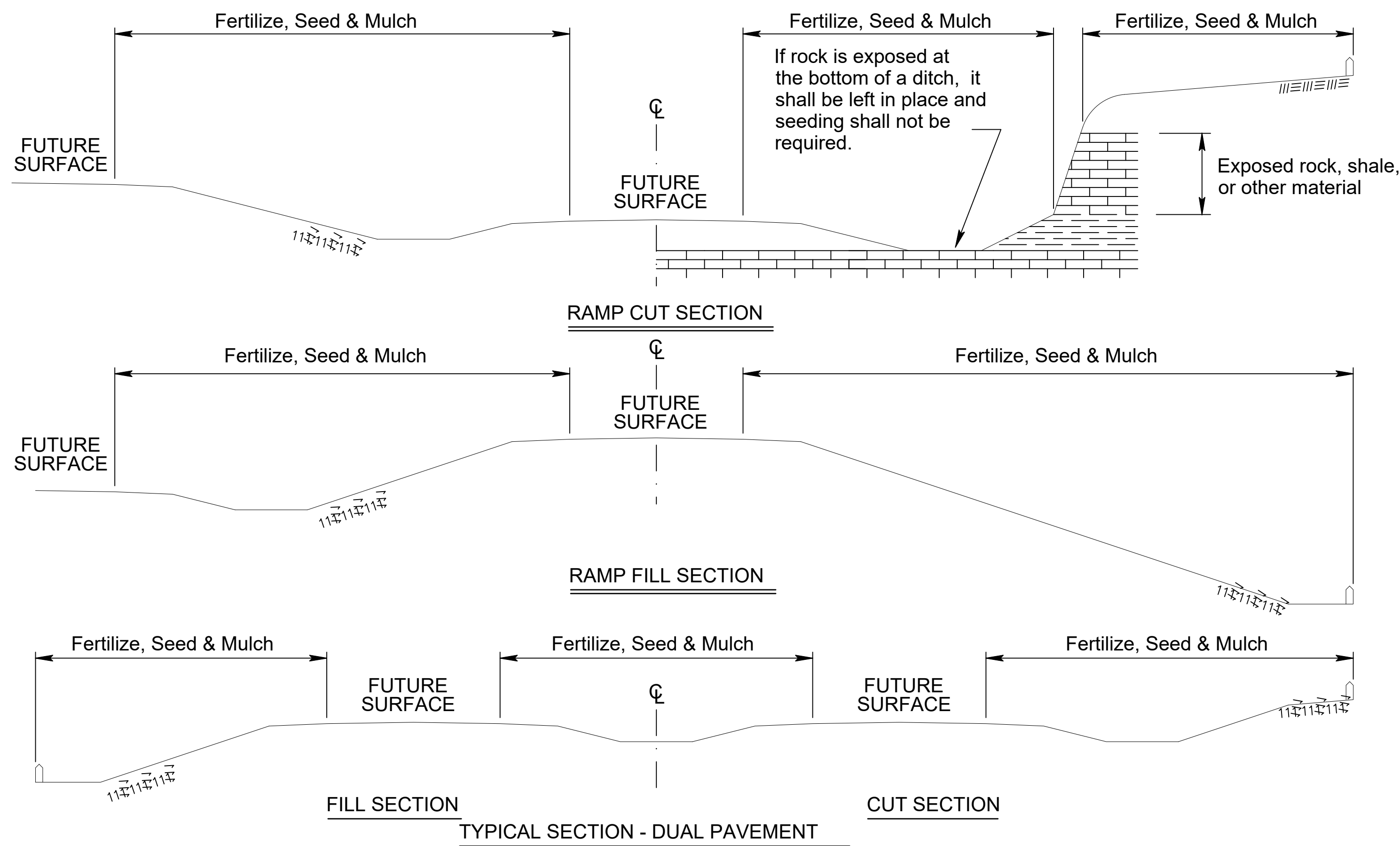
TYPICAL ROAD SECTIONS

JOB NO.: 2300764
DATE: JUN 2023
DESIGNED BY: CDJ
DRAWN BY: CDJ

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

File: L:\2023\14-2300764_1 - Drater Estates Roads\Drawings\CADD\TYPICAL SECTIONS.dwg Last Save: 10/18/2023 4:23 PM Last saved by: CDJurek
Last Plotted by: Jurek, Caleb D. Plot Date: 10/18/2023 4:24 PM Plotter used: DWG To PDF.pc3



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:

$$1\frac{3}{4} - 2\frac{1}{4} \text{ Tons per Acre} = 1\frac{1}{2}'' \text{ loose depth spread uniformly over acre.}$$

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.

REV.	DATE	DESCRIPTION	BY
1	10/18/23	STRUCK TWO ITEMS FROM THE SUMMARY TABLE	CDJ

SUMMARY OF SEEDING / EROSION CONTROL QUANTITIES

P.L.S. RATE/ ACRE		ACRES		BID ITEM	QUANTITY	UNIT
CLT	SL/CH	CLT	SL/CH			
150		17		Temporary Fertilizer (15* - 30** - 15***)	2550	LB
20		17		Temporary Seed (Canada Wildrye)	341	LB
45				Temporary Seed (Grain Oats)		LB
45				Temporary Seed (Sterile Wheatgrass)		LB
	109.9			Soil Erosion Mix		LB
				Erosion Control (Class 1, Type Y)		SQ YD
				Erosion Control (Class 2, Type G)	823	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
				Temporary Stream Crossing		EACH
				Biodegradable Log (9")		LF
				Biodegradable Log (12")		LF
				Biodegradable Log (20")	1,700	LF
				Filter Sock (****)		LF
				Geotextile (Erosion Control)		SQ YD
				Silt Fence	700	LF
				SWPPP Design ‡	1	LS
				SWPPP Inspection ‡	1	EACH
				Water Pollution Control Manager ‡	1	EACH
900 lbs / acre				Mulch Tacking Slurry		LB
2 tons / acre				Mulching	50.3	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.

SOIL EROSION MIX

PLS RATE	NAME	QTY (lb)
0.5	Blue Grama Grass Seed (Lovington)	0.25
4.5	Buffalograss Seed (Treated)	2.25
45	Perennial Ryegrass	45
2.6	Prairie Junegrass	45
6.3	Side Oats Grama Grass Seed (El Reno)	45
45	Tall Fescue (Endophyte Free)	45
6	Western Wheatgrass Seed (Barton)	45
109.9	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.

EROSION CONTROL-CLASS 2, TYPE G

STATION TO STATION	ALIGNMENT	SIDE	LENGTH	WIDTH	SQ YARD
0+28	2+35	WEST DITCH	€ 207'	30'	690
0+00	0+14	WEST POND OUTLET	€ 14'	22'	34
0+00	0+56	EAST POND OUTLET	€ 56'	16'	99
TOTAL EROSION CONTROL (CLASS 2, TYPE G)					823

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	DETAILED	MRD	QUANTITIES	CADD
DESIGN CK.	SHS	DETAIL CK.	SHS	QUAN CK.	CADD CK.

Std. Base File: \$\$\$\$SYTIME\$\$\$\$
 Plotted By: \$USERNAME\$ Plot Location: \$UNIT\$
 File: \$\$\$\$DGN\$PEC\$\$\$\$\$\$\$\$\$\$\$\$

