ADDENDUM NO. 2

Sedgwick County Project: 598-30-1456; Bridge on 85th Street North between Oliver Ave. and Woodlawn Blvd. (B506)

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: <u>THIS ADDENDUM MUST</u> BE ACKNOWLEDGED TO CONSTITUTE A VALID BID.

SPECS:

• Replace SOP-1R to 2R with SOP-1RR to 2RR (Added "Steel Plate Guardrail" quantities; adjusted "Steel Plate Guardrail (MGS) quantities; added bid item "Clearing and Grubbing"; changed bid item from "Field Office and Laboratory (Type C)" to "Field Office")

PLANS:

- Replace sheet 8 with sheet 8R (Changed NW guardrail quadrant to reflect CGS guardrail lengths)
- Replace sheet 34 with sheet 34R (Added bid item "Clearing and Grubbing"; changed NW guardrail quantities to "Steel Plate Guardrail" and added item "Steel Plate Guardrail"; adjusted "Steel Plate Guardrail (MGS)" quantities; changed bid item from "Field Office and Laboratory (Type C) to "Field Office")

By:

James Weber, P.E. Director of Public Works/County Engineer

Date: February 25, 2022

SCHEDULE OF PRICES

PROJECT:598-30-1456; Bridge on 85th Street North between Oliver Ave. and Woodlawn Blvd. (B506) TYPE OF WORK: R.C.S.H. Bridge, Asphalt Surfacing, Grading, Pavement Marking, Seeding, Guardrail

	Approx.			
Bidding Item	Quantity	Unit	Unit Price	Amount
Clearing and Grubbing	1	LSUM		
Removal of Existing Structure	1	LSUM		
Mobilization	1	LSUM		
Field Office	1	LSUM		
Contractor Construction Staking	1	LSUM		
Common Excavation	493	C.Y.		
Common Excavation (Contractor Furnished)	406	C.Y.		
Rock Excavation	174	C.Y.		
Compaction of Earthwork (Type B)(MR 90)	719	C.Y.		
Water (Grading)(Set Price)	1	MGAL	\$ 35.00	
Concrete Pavement (12" Uniform)(AE)(BR App)	96	S.Y.		
Plant Mix Asphalt Construction - Commercial Grade (6")	334	Ton		
Aggregate Base (Special)(6")	1,002	S.Y.		
Guardrail, Steel Plate	94	L.F.		
Guardrail, Steel Plate (MGS)	188	L.F.		
Guardrail End Terminal (MGS-SRT)	3	EA		
Entrance Pipe (18")(RCP)	42	L.F.		
End Section (RC)	2	EA		
Adjustment of Meter Box (Water)	1	EA		
Adjustment of Valve Box (Water)	1	EA		
Class I Excavation	114	C.Y.		
Class II Excavation	58	C.Y.		
Concrete (Grade 4.0)(AE)	290	C.Y.		
Reinforcing Steel (Gr. 60)	65,985	LBS		
Bridge Deck Grooving	342	S.Y.		
Piles (Steel) HP 12x53	960	L.F.		
Cast Steel Pile Points	24	EA		
Contractor Furnished PDA	4.0	EA		
Bridge Backwall Protection System	44	S.Y.		
Abutment Strip Drain	38	S.Y.		
Slope Protection (Shot Rock)	542	C.Y.		
Geotextile Fabric	1,084	S.Y.		
Mulch Tack Slurry	540	LBS		
Temporary Seeding	1	LSUM		
Sediment Removal (Set Price)	1	C.Y.	\$ 35.00	
Temporary Berm (Set Price)	1	L.F.	\$ 1.00	
Biodegradable Log (20")	86	L.F.		
Silt Fence	490	L.F.		

SCHEDULE OF PRICES

PROJECT:598-30-1456; Bridge on 85th Street North between Oliver Ave. and Woodlawn Blvd. (B506) TYPE OF WORK: R.C.S.H. Bridge, Asphalt Surfacing, Grading, Pavement Marking, Seeding, Guardrail

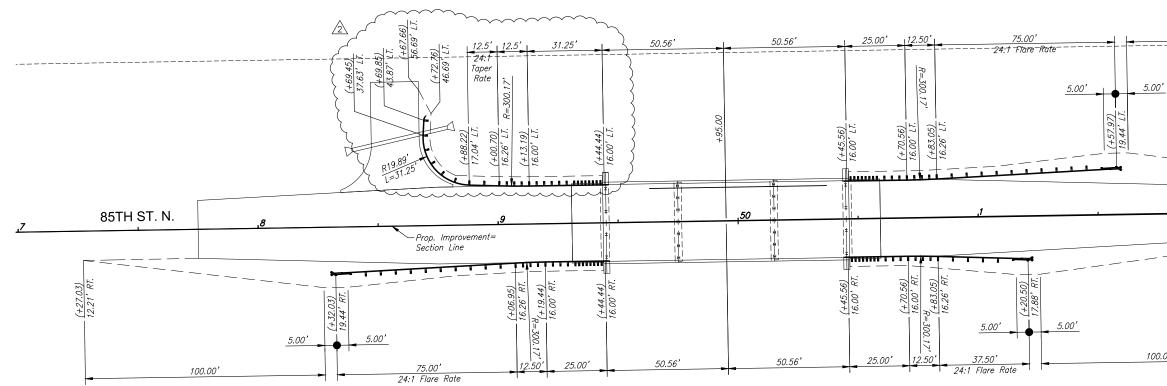
	Approx.			
Bidding Item	Quantity	Unit	Unit Price	Amount
Water (Erosion Control)(Set Price)	1	MGAL	\$ 35.00	
Seeding	1	LSUM		
Pavement Marking (Agglomerate Methyl Methacrylate)(White)(4")	816	L.F.		
Pavement Marking (Agglomerate Methyl Methacrylate)(Yellow)(4")	385	L.F.		
Traffic Control	1	LSUM		
Object Marker (OM-3)	4	EA		
		0	GRAND TOTAL	
In Words:				

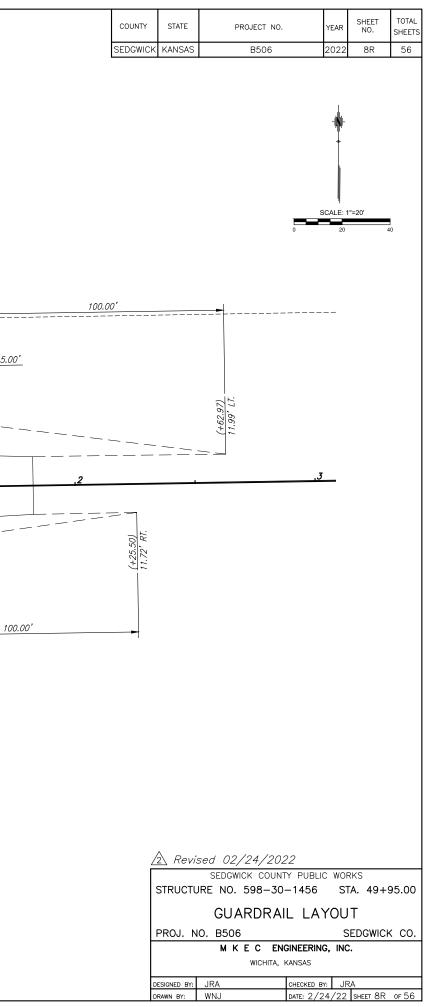
DOLLARS

Company or Firm Name

ВҮ

TITLE





	ROADWAY ITEMS					
Station	Side	Aggregate Base (Special) (6") (S.Y.)	Remarks			
47+75.00 to 49+30.75	C/L	509.1	Excludes Driveway			
49+30.75 to 49+43.75	C/L	49.1	West Approach Slab			
50+46.25 to 50+59.25	C/L	49.1	East Approach Slab			
50+59.25 to 51+82.50	C/L	394.1				
	Totals	1001.4				

SLOPE PROTECTION (SHOT ROCK)(18")				
Station	Side	Slope Protection (Shot Rock) (18") (C.Y.)	Geotextile Fabric (S.Y.)	Remarks
48+37.03 to 49+73.50	-	375.0	750.0	
50+16.50 to 50+43.75	-	166.9	333.7	
	Totals	541.9	1,083.7	

EARTHWORK								
Excavation				Compaction	Common Excavation			
Location (85th St. N.)	Common C.Y.	VMF	Rock (Exist. Pavement) C.Y.	(Type B) (MR-90) C.Y.	(Contractor Furnished) C.Y.	Remarks		
47+27.03 to 52+62.97	493.0	0.8	174	719	406			
Totals	493.0		174	719	406			

Assumed VMF for Contractor Furnished Excavation is 0.80.

≠ Subsidiary. See Typical Sections.

EARTHWORK NOTES

Quantities shown for "Common Excavation" are for excavation within the project limits.

No separate measurement or payment will be made for initial consolidation and settlement. Additionally, no separate measurement was made for compaction of earthwork in cut areas. These items shall be <u>subsidiary</u> to other earthwork bid items.

The Contractor shall place 6" of top soil in all areas to be seeded. This material shall be obtained by stripping soil from within the construction limit and shall be free of rocks, rubble, trash and other foreign or toxic material and shall be capable of supporting vegetation. Stripping and placement of soil shall be <u>subsidiary</u> to other earthwork bid items.

Double handling of material stockpiled, over excavation and placement of material through cuts and over excavation and replacement of material to the original ground line through fills is not quantified and shall be <u>subsidiary</u> to other earthwork bid items.

This project will not include payment for overhaul. Stockpiling of excavated material due to staged construction and/or double handling of excavated material required to complete the embankment will not be paid for separately, but shall be <u>subsidiary</u> to other earthwork bid items.

All borrow to be obtained from areas provided by the Contractor shall be approved by the Engineer, both as to suitability of material and site location. Special care shall be taken in this approval to minimize the increase of siltation and turbidity of streams, lakes, and reservoirs and to avoid interference with the movement of migratory fish. Locations which, in the opinion of the Engineer, contain unsuitable material or will leave an unsightly appearance on the project will not be approved.

All borrow area locations shall be submitted to Sedgwick County Public Works prior to excavation. Common excavation furnished by the Contractor will be paid for as "Common Excavation (Contractor Furnished)". Furnished excavation is included in the balance quantities.

All borrow area locations shall be submitted to the Engineer for clearance from the Kansas Historical Society and the Kansas Department of Wildlife and Parks prior to any excavation.

REMOVAL OF EXISTING STRUCTURES*					
Station	Offset	ltem	Remarks		
49+99.52	C/L	73' Reinf. Conc. Deck T-Girder Bridge			
48+52.19	28.3' Lt.	33' of 18" CMP Pipe	Includes end sections		
58+45.32 to 49+55.32	Lt.	116 L.F. barbed wire fence and posts			
50+45.02 to 51+92.90	Rt.	154 L.F. barbed wire fence and posts			
50+60.37 to 52+45.83	Lt.	186 L.F. barbed wire fence and posts			

See Sh. No. 42 for Sign Removals

* This list does not necessarily constitue a complete list of all items to be removed during construction. This list is provided for information only. Pavement removal is paid for separately.

STEEL PLATE GUARDRAIL							
Station	Side	Length (L.F.)	Flare Rate	End Terminal (MGS-SRT)(Flared)	End Terminal (CGS) (Type II) ≠		
48+69.85 to 49+44.44	LT.	93.75	24:1		1		
48+69.46 to 49+44.44	RT.	75.00	24:1	1		2	
50+45.56 to 51+20.54	LT.	75.00	24:1	1			
50+45.56 to 50+83.05	RT.	37.50	24:1	1			
	Totals	281.25		3	1		

≠ Subsidiary to "Guardrail, Steel Plate".

PIPE CULVERT SUMMARY						
Station	Туре	Lin. Ft. of Pipe	18" End Section	Remarks		
Station	Type	18" Dia.	(Each)	Remarks		
48+57.66	RCP	42	2	Entrance Pipe		
	Totals	42	2			

	CONCRETE PAVEMENT				
Station	Side	Concrete Pavement (12") (Unif.) (AE) (Br. App.) (S.Y.)	Remarks		
49+30.75 to 49+43.75	C/L	47.7	West Approach Slab		
50+46.25 to 50+59.25	C/L	47.7	East Approach Slab		
	Totals	95.3			

COUNTY	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
SEDGWICK	KANSAS	B506	2022	34R	56

RECAPITULATION OF BRIDGE QUANTITIES						
BID ITEM DESCRIPTION	QUANTITY	UNIT				
Class I Excavation	114	CY				
Class II Excavation	58	CY				
Concrete (Grade 4.0)(AE)	290	CY				
Reinforcing Steel (Gr. 60)	65,985	LB				
Bridge Deck Grooving	342	SY				
Piles (Steel) HP 12x53	960	LF				
Cast Steel Pile Points	24	Each				
Contractor Furnished PDA	4	Each				
Bridge Backwall Protection System	44	SY				
Abutment Strip Drain	38	SY				

2

RECAPITULATION OF ROAD QUANTITIES						
BID ITEM DESCRIPTION	QUANTITY	UNIT				
Clearing and Grubbing	1	LS				
Removal of Existing Structure	1	LS				
Mobilization	1	LS				
Field Office	1	LS				
Contractor Construction Staking	1	LS				
Common Excavation	493	CY				
Common Excavation (Contractor Furnished)	406	CY				
Rock Excavation	174	CY				
Compaction of Earthwork (Type B)(MR 90)	719	CY				
Concrete Pavement (12" Uniform)(AE)(BR App)	96	SY				
Aggregate Base (Special)(6")	1,002	SY				
Guardrail, Steel Plate	94	LF				
Guardrail, Steel Plate (MGS)	188	LF				
Guardrail End Terminal (MGS-SRT)	3	Each				
Entrance Pipe (18")(RCP)	42	LF				
End Section (RC)	2	Each				
Adjustment of Meter Box (Water)	1	Each				
Adjustment of Valve Box (Water)	1	Each				
Slope Protection (Shot Rock)	542	CY				
Geotextile Fabric	1,084	SY				

For Summary of Surfacing Quantities see sheet 35

For Summary of Erosion Control Quantities see sheet 37

For Summary of Seeding Quantities see sheet 42 For Summary of Object Markers see sheet 43

For Summary of Pavement Marking see sheet 44R

For Summary of Traffic Control Quantities see sheet 47

Tor Summary of Traine Sonald Quantities see sheet 47

▲ Revised 02/24/2022		
SEDGWICK COUNTY PUBLIC WORKS		
STRUCTURE NO. 598-30-1456 STA. 49+95.00		
SUMMARY AND RECAPITULATION		
OF QUANTITIES		
PROJ. N	IO. B506	SEDGWICK CO.
M K E C ENGINEERING, INC.		
WICHITA, KANSAS		
DESIGNED BY:	ABC	CHECKED BY: ABC
DRAWN BY:	ABC	DATE: 2/24/22 SHEET 34R OF 56