

**Golden Road Bridges Improvements, SH-54 & SH-61  
KDOT Project No. 52 C-5269-01  
County of Leavenworth, Kansas**

**Addendum No. 1**  
Issued on June 10, 2025

The conditions set forth in the addendum shall become a part of the Specifications and Contract Documents for the above referenced improvement project. All items, conditions and requirements of the Specifications and Contract Documents not specifically addressed in this addendum shall remain in effect.

**THIS ADDENDUM INCLUDES A REVISED BID FORM. THE CONTRACTOR SHALL UTILIZE THIS BID FORM FOR SUBMITAL AND SHALL ACKNOWLEDGE THIS ADDENDUM ON PAGE B-4 OF THE REVISED BID FORM.**

**THE BID OPENING DATE AND TIME REMAINS UNCHANGED. BIDS WILL BE OPENED AT 10:00 AM, THURSDAY, JUNE 26, 2025.**

**The following clarifications and modifications to the Contract Documents/Specifications shall apply:**

- 1) Contractor Question: We do not see on the plans or specifications that dictate the size of slope protection riprap the County is requesting. Please clarify.  
Owner Answer: The revised Plan Sheets 18 and 36 are included with this addendum. Each sheet identifies the size of slope protection riprap required.
- 2) Contractor Question: Are you wanting any slope protection riprap underneath the new bridge SH-54. The quantity on the plan and bid form are short.  
Owner Answer: The revised Sheet 18 and Bid Form shows the corrected quantity of Slope Protection (Riprap Stone).
- 3) Contractor Question: On the elliptical pipe (5 SF), does the County have a specific size of elliptical you can clarify? Or are we going back with the same as existing at 42" x 29". Can you clarify?  
Owner Answer: KDOT does not allow us to identify the exact width and height geometry of elliptical pipe since each manufacturer has their own specifications to achieve the required square footage open area. Please note the culvert can either conform with RCPHE or ACSMA material. But whatever elliptical pipe manufacturer's product is submitted by the contractor shall provide a minimum open area of 5.0 square feet.
- 4) The attached Revised Bid Form shall be submitted for bidding unless future addenda deem otherwise.

This addendum addresses all known questions and information requests received by prospective bidders to date. Additional addenda may be issued on the project. The final date for future addenda distribution shall be June 19, 2025 barring a change in the bid opening date. Bid Opening date and time remain unchanged.

**REVISED 6/10/25**

## **BID FORM**

**Project Name:** **Project No. 52 C-5269-01: Golden Road Bridge Replacements**

Name of BIDDER: \_\_\_\_\_

Contact Personnel: \_\_\_\_\_

Address of BIDDER: \_\_\_\_\_

**TO: The County of Leavenworth, KS**

The undersigned, as bidder, declares that he has visited the site of the Work and determined the amount and character of the proposed Work, and is familiar with all the requirements of the Specifications and Plans.

The undersigned proposes and agrees, if this proposal is accepted, to furnish all labor, materials, tools, equipment, supplies and machinery of every description necessary for the proper construction and completion of the Work contemplated in the documents of the Contract in the manner therein specified for the following unit prices and lump sums.

The undersigned agrees, if this proposal is accepted, to fully complete the Work in 234 Calendar Days after issuance of a Notice to Proceed, but no later than August 5, 2026, otherwise to be governed by the stipulations of the accompanying articles of the Contract. The work shall commence with the following timeframe:

Earliest Start Date: September 2, 2025

Latest Start Date: December 15, 2025

Liquidated damages shall be assessed against Contractor, at a rate of \$ 1,000.00/day for each and every calendar day the work remains incomplete over the specified completion time.

It is understood and agreed that if this proposal is accepted, the prices quoted include all applicable state sales taxes and use taxes, and that said taxes shall be paid by the Contractor.

The undersigned, as Bidder, hereby declares that the only persons or firms interested in the proposal as principal or principals is or are named herein and that no other persons or firms than herein mentioned have any interest in this proposal or in the Contract to be entered into; and this proposal is made without connection with any other person, company or parties making a bid or proposal; and that it is in all respects fair and in good faith, without collusion or fraud.

## BID FORM

**Project Name: Project No. 52 C-5269-01: Golden Road Bridge Replacements**  
**Leavenworth County, Kansas**

<b>Golden Road Bridge Replacements</b>					
<b>No.</b>	<b>Bid Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Cost</b>
1	Mobilization	L.S.	1		
2	Contractor Construction Staking	L.S.	1		
3	Field Office and Laboratory (Type A)	L.S.	1		
4	Removal of Existing Structure	L.S.	1		
5	Curing Environment	L.S.	1		
6	Clearing & Grubbing	L.S.	1		
7	Rock Excavation	Cu. Yd.	356		
8	Common Excavation (Rural Small)	Cu. Yd.	3,245		
9	Common Excavation (Contractor Furnished)	Cu. Yd.	255		
10	Compaction of Earthwork (Type A)(MR 5-5)	Cu. Yd.	2,625		
11	Water (Grading)(Set Price)	Mgal.	1	\$40.00	\$40.00
12	Aggregate Ditch Lining (6")	Tons	149		
13	Slope Protection (Riprap Stone)	Cu. Yd.	22		
14	Entrance Pipe (18")(RCP, ACSP)	Lin. Ft.	42		
15	Entrance Pipe (24")(RCP,ACSP)	Lin. Ft.	60		
16	Entrance Pipe (5.0 sq. ft.)(RCHE,ACSM A)	Lin. Ft.	42		
17	End Section (18")(RC, ACS)	Each	2		
18	End Section (24")(RC, ACS)	Each	2		
19	End Section (5.0 sq. ft.)(RCPHE,ACSMAP)	Each	2		
20	Guard Rail, Steel Plate (MGS)	Lin. Ft.	262.5		
21	Guard Rail, End Terminal (MGS-SKT)	Each	4		
22	Signing Object Marker (Type 3)	Each	8		
23	Fence (Barb Wire)(Temporary)	Lin. Ft.	335		
24	Post (Corner)(Barbed Wire)	Each	3		
25	Post (End)(Barbed Wire)	Each	5		
26	Gate (Metal)(20')	Each	1		
27	Concrete Pavement (10")(Unif.)(Br. App.)	Sq. Yd.	97.6		
28	Temporary Fertilizer (15-30-15)	Lbs.	35		
29	Soil Erosion Mix	Lbs.	25.3		
30	Erosion Control (Class 1, Type C)	Sq. Yd.	1,126		
31	Temporary Ditch Check (Rock)	Cu. Yd.	28.4		
32	Biodegradable Log (20")	Lin. Ft.	500		
34	Filter Sock (18")	Lin. Ft.	500		
35	Geotextile (Erosion Control)	Sq. Yd.	500		
36	Silt Fence	Lin. Ft.	500		
37	Seeding	L.S.	1		
38	Pavement Marking (Multi-component)(White)(6")	Lin. Ft.	2,300		
39	Pavement Marking (Multi-component)(Yellow)(4")	Lin. Ft.	1,428		
40	Pavement Marking Removal	Lin. Ft.	1,500		
41	Traffic Control	L.S.	1		
42	HMA- Commercial Grade (Class A)	Tons	635		
43	Aggregate Base (AB-3)(6")	Sq. Yd.	1,549		
44	Water (Aggregate)(Set Price)	Mgal.	1	\$40.00	\$40.00

**Bridge No. SH-54**

45	Class I Excavation	Cu. Yd.	228		
46	Concrete Grade 4.0 (AE)	Cu. Yd.	39.6		
47	Concrete Grade 4.0 (AE)(SW)	Cu. Yd.	140.2		
48	Reinforcing Steel (Gr. 60)	Lbs.	5,160		
49	Reinforcing Steel (Gr. 60)(Epoxy Coated)	Lbs.	29,280		
50	Prestressed Concrete Beam (NU35+1)	Lin. Ft.	340		
51	Steel Pile (HP12x53)	Lin. Ft.	396		
52	Cast Steel Pile Points	Each	8		
53	Abutment Strip Drain	Sq. Yd.	52		
54	Bridge Backwall Protection System	Sq. Yd.	60		
55	Slope Protection (Riprap Stone)	Cu. Yd.	826		

**Bridge No. SH-61**

56	Class III Excavation	Cu. Yd.	254		
57	Concrete Grade 4.0 (AE)	Cu. Yd.	248.5		
58	Reinforcing Steel (Gr. 60)	Lbs.	57,010		
59	Bridge Backwall Protection System	Sq. Yd.	304		
60	Foundation Stabilization (Set Price)	Cu. Yd.	131	\$45.00	\$5,895.00
61	Concrete for Seal Course (Set Price)	Cu. Yd.	1	\$225.00	\$225.00
62	Slope Protection (Riprap Stone)	Cu. Yd.	102		
TOTAL					

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 Total Bid in Words

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 Total Bid in Figures

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 Bidder's Signature

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 Date

The undersigned as a bidder declares:

That he is on the **KDOT Prequalified list** and has been regularly engaged in contract work of the class required by the specifications for years, and respectfully invites your attention to the following work that has been completed under his direction:

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The undersigned agrees that the accompanying bid deposit shall become the property of the Owner, should he fail or refuse to execute the Contract or furnish Bond as called for in the Specifications within the time provided.

If written notice of the acceptance of this bid is mailed, emailed, facsimiled or delivered to the undersigned within thirty (30) days after the date of opening of the bids, or any time thereafter before this bid is withdrawn, the undersigned will, within ten (10) days after the date of such mailing, emailing, facsimiled or delivery of such notice, execute and deliver a Contract in the form of Contract attached.

The undersigned hereby designates as his office to which such notice of acceptance may be mailed, emailed, facsimiled or delivered:

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It is understood, agreed that this bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof.

Attached hereto is a Bid Bond for the sum of \_\_\_\_\_

Certified Check

\_\_\_\_\_  
(\$ \_\_\_\_\_)

Dollars made payable to: **Leavenworth County, Kansas**

#### **ADDENDUM RECEIPT**

Addendum No. \_\_\_\_\_, Date \_\_\_\_\_.  
Addendum No. \_\_\_\_\_, Date \_\_\_\_\_.  
Addendum No. \_\_\_\_\_, Date \_\_\_\_\_.

Signature of Bidder: \_\_\_\_\_

If and Individual: \_\_\_\_\_, doing

Business as \_\_\_\_\_

If a Partnership: \_\_\_\_\_

By \_\_\_\_\_, member of firm

If a Corporation: \_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

State \_\_\_\_\_

State in which incorporated

Corporation President: \_\_\_\_\_

Name and business address

\_\_\_\_\_

Corporation Secretary: \_\_\_\_\_

Name and business address

\_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SUMMARY OF QUANTITIES											
Item  Location	Class I Excavation  Cu. Yds.	Concrete		Reinforcing Steel		Prestressed Concrete Beam (NU35+I) lin. ft.	Piles (Steel) (HPI2x53) Lin. Ft.	Cast Steel Pile Points Each	Abutment Strip Drain Sq. Yd.	Bridge Backwall Protection System Sq. Yd.	Slope Protection (Riprap Stone) Cu. Yd.
		Grade 4.0 (AE)	Grade 4.0 (AE)(SA)	Grade 60	Grade 60 (Epoxy Coated)						
Abutment No. 1	114	19.8	**	2,580	2,190		196	4	26	30	△ -276- 417
Abutment No. 2	114	19.8	**	2,580	2,190		200	4	26	30	△ -271- 409
Substr. Total	228	39.6		5,160	4,380		396	8	52	60	△ -547- 826
Superstr. Total			140.2		24,900	340					
Total	228	39.6	140.2	5,160	29,280	340	396	8	52	60	△ -547- 826

\*\*Quantities are included in the  
Superstructure Total Quantity.

☛Summary of Piling  
Abutment No. 1- 4 @ 49'  
Abutment No. 2- 4 @ 50'

NOTE: Only HPI2x53 piling shall be used.

GENERAL NOTES

TEMPERATURE: The design temperature for all dimensions is 60°F.

QUANTITIES: Items not listed separately in the Summary of Quantities are subsidiary to other items in the proposal.

EMBANKMENT: Complete the embankment at the abutments as shown on the Bridge Excavation sheet prior to driving the abutment piling. Compact backfill at abutments and piers.

BROKEN CONCRETE: The broken concrete and existing reinforcing steel not used shall be removed from the site. Reinforcing bars and broken concrete shall be wasted on sites provided by the Contractor and approved by the Engineer. This work shall not be paid for directly, but shall be subsidiary to other bid items.

REMOVAL OF EXISTING STRUCTURES: Removal of existing structure is included in the bid item "Removal of Existing Structures (Lump Sum)". All materials removed from the existing structure shall become the property of the Contractor. Remove existing bridge elements to 3 feet below final grade. Remove this material from the site.

BRIDGE EXCAVATION: Elevation 896.1 shall designate the Excavation Boundary Plane of Class I and Class II Excavation. Class I shall be above the plane, Class II below the plane. See the Bridge Excavation sheet for the limits of pay excavation.

BACKFILL COMPACTION: Compact backfill at the abutments.

PILING: Drive all piling to penetrate or bear in the Curzon Limestone Member. Driving shall stop when in the opinion of the Engineer, additional driving may damage the piling. Drive all piling to the Pile Driving Formula Load of:

Abutment No. 1 & 2 115 tons

As a minimum drive each pile to the load and penetration, but in no case shall the pile be driven to more than 110% of Pile Driving Formula Driving Load.

PILING SPLICE LOCATION: Integral pile splice locations and weld testing criteria for Abutments Nos. 1 and 2 will follow the "Standard Pile Details" Sheet (BR110).

ABUTMENT STRIP DRAIN: See the General Notes on the "Abutment Strip Drain" sheet.

BRIDGE BACKWALL PROTECTION SYSTEM: See the General Notes on the "Abutment Strip Drain" sheet.

△ SLOPE PROTECTION (RIPRAP STONE): Place Slope Protection (Riprap Stone) to the limits and thicknesses shown on the plans or as directed by the Engineer. Minimum thickness is 2'-6". Riprap size shall be the light 200 lb. class. Place a 10 foot wide mat of geotextile under the rock embankment on the berm and berm slopes and centered on the drip line of the slab.

REINFORCING STEEL: All reinforcing steel dimensions are to centerline of bars unless otherwise noted. All reinforcing steel shall conform to the requirements of ASTM A615, Grade 60.

CONCRETE: Superstructure concrete is bid as Concrete Grade 4.0(AE)(SA). Substructure concrete is bid as Concrete Grade 4.0(AE). Bevel all exposed edges of all concrete with a 3/4" triangular molding, except as otherwise noted on the plans. Construction joints are optional with the Contractor, but if used, place only at locations shown or at locations approved by the Engineer.

DEMOLITION PLANS: This is a Category A Demolition. Submit detailed Demolition Plans to the Engineer per KDOT Secifications. No Demolition work will begin without approved Demolition Plans. A Licensed Professional Engineer is not required.

FALSEWORK PLANS AND SHOP DRAWINGS: Use the English system of units on the falsework plans and shop drawing details.

FALSEWORK PLANS: A licensed Professional Engineer shall design the falsework details. Details shall bear the seal of a licensed Professional Engineer. See the Bridge Design Manual, Section 5.1 "Review and Approval of Falsework Plans", for a listing of items to be included on the falsework plan. Submit three sets of details in compliance with KDOT Specifications to the Field Engineer for review.

FALSEWORK INSPECTION: This project has falsework plan requirements which are considered "Category 2" by KDOT specifications. If falsework deficiencies or variations from the approved and sealed plans are found, the falsework design Engineer of Record will provide written approval of the changes. If for the convenience of the Contractor the falsework becomes "Category I" by the use of non-typical supports; then the inspection and review requirement of "Category I" will be fully enforced, but at no cost to the State. "Category 2" falsework inspection is not paid for directly, but is subsidiary to other bid items.

CONCRETE PLACING SEQUENCE: The sequence of placing concrete in the slab and curbs shall be as shown, or the Contractor may submit an alternate placing sequence for review. Submit the alternate placing sequence to the Engineer at the Preconstruction Conference. Include the proposed rate of concrete placement in C.Y./hr, the plant capacity, placement direction, construction joint location, a description of the equipment used in placing the concrete, proposed admixtures, and the quantity of concrete in each placing segment. Any additional cost for the Contractor's alternate plan of placing concrete, including admixtures, shall be at the Contractor's expense and shall be considered subsidiary to the bid item, "Concrete (Grade 4.0)(AE)(SA)". Approval of the Contractor's alternate sequence is required prior to placement of concrete in the deck.

CONSTRUCTION JOINTS: The construction joints shown are optional with the Contractor. If used, place the construction joints only at locations shown or at locations approved by the Engineer.

BRIDGE DECK FINISHING: Since Bridge Deck Grooving is not a bid item, the bridge deck shall receive a transverse tined finish with grooving approximately 3/16" in width and 3/4" centers with a depth of approximately 1/8". This work is subsidiary to "Concrete Grade 4.0 (AE)(SA)".

CORRAL HANDRAIL: Construction joints in the rail are not permitted except as shown. Build the corral rail after the falsework is struck.

CONSTRUCTION LOADS: Limited traffic is permitted on the new sub-deck, one-course deck or any concrete overlay during the curing period, keep any exposed deck wet during the curing period. See KDOT Specifications Section 710 Tables 710-1 & 710-2 for additional information.

PRESTRESSED BEAM CONCRETE: Use air entrained concrete with select coarse aggregate as specified in the Special Provisions. The release strength and 28 day strength requirements shall be as noted on the plans. Mix design is required to be a KDOT approved concrete mix. Submit mix designs to the Engineer for review and approval.

INDEX TO BRIDGE DRAWINGS	
Sheet No.	Drawing
18	General Notes and Quantities
19	Contour Map
20	Construction Layout
21	Engineering Geology
22-25	Abutment Details
26	Bridge Backwall Protection
27	Framing Plan
28-29	Prestressed Girder Details
30-32	Superstructure Details
33	Corral Rail Details
34	Bill of Reinforcing Steel and Bending Diagrams
35	Top of Deck Elevation & Beam Camber Details
	Standards
48	Bridge Excavation
49	Standard Pile Details
50	Supports and Spacers for Reinforcing Steel

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	52 C-5269-01	2025	18	81

REVISED SHEET

LRFR RATING FACTORS		
Design Load	Rating Level	Inventory
	Operating	
HL-93 Loading	1.39	1.90
NRL Loading		2.86
2018 Manual for Bridge Evaluation		

DESIGN DATA

DESIGN LOADING: HL-93 A.A.S.H.T.O. Specifications, 2018 Edition  
and latest Interim Specifications, Load and Resistance Factor Design.

UNIT STRESSES:

Concrete Grade 4.0 (AE)	f'c = 4,000 psi
Concrete Grade 4.0 (AE)(SA)	f'c = 4,000 psi
Prestressed Beam Concrete	f'c = 8,000 psi (at release f'ci = 6,000 psi)
Reinforcing Steel (Grade 60)	fy = 60,000 psi
Prestressing Strand (Beam)	0.6 " Ø Grade 270 uncoated 7-wire stress relieved, low relaxation strand.

LRFD DESIGN PILE LOAD:

Design Loading (tons/pile)	Strength I	Service I	Phi
Abutment Nos. 1 & 2	114.8	82.8	0.60

△ 6/6/2025 - Revised Slope Protection (Riprap Stone)  
quantity and revised note to define size.

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NO.	DATE	REVISIONS	BY	APP'D

BR. NO. 000000000520165 STA. 128 + 02.00

GENERAL NOTES AND QUANTITIES  
GOLDEN RD. OVER TRIB. TO KANSAS R.  
PROJ. NO. 52 C-5269-01 LEAVENWORTH CO.  
FINNEY & TURNIPSEED  
TRANSPORTATION & CIVIL ENGINEERING, L.L.C.  
TOPEKA, KANSAS

6/9/2025  
6:15:31AM  
\$FILE\$

SUMMARY OF QUANTITIES							
<div><div>Item</div><div>Location</div></div>	<div><div>Class III Excavation</div><div>Cu. Yd.</div></div>	<div><div>Concrete Grade 4.0 (AE)</div><div>Cu. Yd.</div></div>	<div><div>Reinforcing Steel Grade 60 (Epoxy Coated) Lbs.</div></div>	<div><div>Bridge Backwall Protection System Sq. Yd.</div></div>	<div><div>Foundation Stabilization (Set Price)</div><div>Cu. Yd.</div></div>	<div><div>Slope Protection (Riprap Stone) Cu. Yd.</div></div>	
SH-6I	254	248.5	57,010	304	131	102	
Total	254	248.5	57,010	304	131	102	

GENERAL NOTES

REMOVAL OF EXISTING STRUCTURE: Removal of existing structure is included in the bid item, "Removal of Existing Structures", Lump Sum. Remove the structure to the limits shown on the plans. All materials removed from the existing structure shall become the property of the Contractor. Remove this material from the site.


BRIDGE EXCAVATION: All excavation shall be Class III. See Bridge Excavation sheet for the limits of pay excavation. Any excavation adjacent to bridge that is not shown on the Bridge Excavation sheet shall be subsidiary to other items of the contract.

BACKFILL COMPACTION: Compact backfill to Shawnee County Type A (MR 3-3).

CONCRETE: All concrete shall be bid as Concrete Grade 4.0 (AE). Bevel all exposed edges of all concrete with a  $\frac{3}{4}$ " triangular moulding, except where otherwise noted on the plans. Construction joints are optional with the Contractor, but if used, place only at locations shown, or at locations approved by the Engineer.

REINFORCING STEEL: All reinforcing steel dimensions are to centerline of bars unless otherwise noted. All reinforcing steel shall conform to the requirements of ASTM A615, Grade 60.

FOUNDATION STABILIZATION: A concrete seal course is required. Foundation stabilization material shall be placed as directed by the Engineer. Any material placed beyond the limits determined as needed by the Engineer shall be at the Contractor's expense. Minimum thickness of the Foundation Stabilization shall be 12".

 SLOPE PROTECTION (RIPRAP STONE): Place Slope Protection (Riprap Stone) to the limits and thicknesses shown on the plans or as directed by the Engineer. Riprap stone shall be a minimum of 2'-6" in thickness. Riprap size shall be the light 200 lb. class

BACKFILL MATERIAL FOR STRUCTURE: The soil excavated for the existing channel shall be stockpiled on the project site. This soil shall be placed as the final grading of the channel and on the buried floor of the RFB.

QUANTITIES: Items not listed separately in the Summary of Quantities are subsidiary to other items in the proposal.

DIMENSIONS: All dimensions shown on these design plans are horizontal dimensions unless otherwise noted. Make necessary allowances for roadway grade and cross slope.

LRFR RATING FACTORS			
<div><div>Design Load</div><div>Rating Level</div></div>	Inventory	Operating	
HL-93 Loading	2.28	2.92	
2018 Manual for Bridge Evaluation			

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	52 C-5269-01	2025	36	81

REVISED SHEET

INDEX TO BRIDGE DRAWINGS	
Sheet No.	Drawing
36	General Notes and Quantities
37	Contour Map
38	Construction Layout
39-45	Double 12' x 6' RFB Details
46	RCB Auxiliary Details (Embedded Structure)
Standards	
47	RCB Auxiliary Details (LRFD)
48	Bridge Excavation
49	Supports and Spacers for Reinforcing Steel

DESIGN DATA

DESIGN LOADING: HL-93 AASHTO Specifications, 2018 Edition, with Interims, Load and Resistance Factor Design.

UNIT STRESSES:

Concrete Grade 4.0 (AE)  $f'c = 4,000 \text{ psi}$   
Reinforcing Steel (Grade 60)(Epoxy Coated)  $fy = 60,000 \text{ psi}$

 6/6/2025 - Revised Slope Protection (Riprap Stone) note to define size.

NO.	DATE	REVISIONS	BY	APP'D
BR. NO. 000000000520185			STA. 197 + 38.00	
SUMMARY OF QUANTITIES & GENERAL NOTES				
GOLDEN RD. OVER UNNAMED STREAM				
PROJ. NO. 52 C-5269-01			LEAVENWORTH CO.	
FINNEY & TURNIPSEED TRANSPORTATION & CIVIL ENGINEERING, L.L.C. TOPEKA, KANSAS				