



KANSAS CITY SOUTHERN RAILWAY COMPANY
GRADE CROSSING WARNING DEVICES
SIGNAL PROJECT ESTIMATE OF COST

ESTIMATE IS DEFINED AS: TO PRODUCE A STATEMENT OF APPROXIMATE COST

DATE 3-10-2023

Project Description & Location...

PROPOSED TO INSTALL FOUR NEW FLASHER SIGNALS WITH GATES AND INSTALL A NEW 6' x 10' STEEL BUNGALOW WITH CONSTANT WARNING TIME UNIT AT THE CROSSING OF KCS RAILWAY TRACKS WITH **CR 389 (EUBANKS LANE) IN WYLIE, TX**

...THIS PROJECT WILL BE PHASED TO ACCOMMODATE THE ROAD CONSTRUCTION SCHEDULE. IF THE ROAD CONSTRUCTION FINAL PHASING REQUIRES MORE THAN 4 PHASES OF WORK BY THE RAILROAD, THE COST MAY INCREASE

States Identification... COLLIN COUNTY DOT NO. 789654P CSJ PROJECT EUBANKS LANE (CR 389)	Funding Mechanism... SIGNAL PROJECT	Railroads Identification... DWG NO. SD-08-2-200.02 DOT NO. 789654P MILE POST 200.02 ASSET # 929081.01.01 MIDWEST DIVISION GREENVILLE SUBDIVISION
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MATERIAL Description & Pricing Info...	TOTAL
6' x 10' STEEL BUNGALOW, with Event Recording Unit, with Constant Warning Device and Program required to control warning devices as shown, Chargers & Battery necs., etc	\$ 119,000.00
FLASHER & GATE SIGNALS, with 12" LED Lights, All Aluminum Gate Arms, LED Gate Lights, Signs, Bells, with any side lights as per State Specifications.	\$ 74,000.00
SIGNAL GROUND MATERIAL, Foundations, Underground Wire & Cable, Guard Rails, Shunt Boxes at approaches, Track Connectors, Bond Wires, wiring materials, etc.	\$ 94,000.00
Containerized Freight Charges, Siemens Corp.	\$ 25,000.00
PROJECT MATERIAL, Cover Rock or Fill Material, AC Meter Pole, boring pipe, etc Directional Boring with 4" PVC Pipe as determined by Railroad, retaining wall, culvert, etc.	\$ 60,000.00
Public Road Authority to perform any culvert or drainage work required, cost not included	
MATERIAL RELEASED... none	
MATERIAL TOTAL =	\$ 372,000.00

LABOR & ADDITIVES, Equipment, Engineering...	TOTAL
KCS LABOR with Additives, all Signal Dept. Personnel required for Administration, Supervision and for Field Installation, testing and cut-over as directed by the Signal Engineer. 44d	\$ 194,480.00
EQUIPMENT CHARGES, for Signal Dept Pickup Trucks, Backhoes, Boom Trucks, etc.	\$ 61,490.00
KCS PERSONAL EXPENSES, for all Signal Dept Personnel	\$ 30,030.00
CONSTRUCTION ENGINEERING, for Layout Plans & Estimate, Quote Plans, Material Lists, Shop Wiring, Field Construction Plans, & Final As-Built Plans as directed by the RR (JaKay)	\$ 45,000.00
ACCOUNTING, Project Cost Tracking System through the life of the project, Completion Reports and assist Accounting with Final Billing preparation	\$ 6,000.00
UTILITY COORDINATION, arrangements for new electrical service, relocation of utilities, arrange for rock & fill material, project coordination as directed by the RR (JaKay)	\$ 10,000.00
TRACK MATERIAL FIELD INSTALLATION CONTRACTOR, to provide equipment & personnel as required to install all insulated track materials needed	\$ 10,000.00
THIS ESTIMATE IS LIMITED TO 180 DAYS FROM DATE OF ISSUANCE, KCS SHALL AUTHORIZE IT'S USE THEREAFTER	LABOR TOTAL = \$ 357,000.00

**TO INSTALL FLASHERS & GATES AT
CR 389 (EUBANKS LANE) IN WYLIE, TX**

TOTAL ESTIMATED COST
\$ 729,000.00