

SUMMARY OF QUANTITIES

Item Location	Excavation		Concrete		Reinforcing Steel		Prestressed	Abutment	Bridge Backwall	Removal of	Field Office	Mobilization	Mobilization	Temporary	#Drilling	Paving	Masonry	#Sub-	#Super-	Concrete	Sidewalk	Bridge	Retaining
	Class I	Class II	(Grade 4.0)	(Grade 4.0)	(Grade 60)	Grade 60	Concrete Beams	Strip	Protection	Existing	& Lab.	Lump Sum	(DBE)	Shoring	and	Bricks	Coating	Structure	Structure	Pavement	Pavement	Approach	Wall
	Cu. Yds.	Cu. Yds.	(AE)	(AE)(SA)	Lbs.	(Epoxy Coated)	(K2)	Drain	System	Structure	(Type A)	Lump Sum	Lump Sum	Lump Sum	Grouting	Sq. Yds.	Sq. Yds.	Sq. Yds.	Sq. Yds.	(12" Unif.)(AE)	(6" Unif.)(AE)	Slab Footing	Sq. Ft.
Abutment #1	157	298	89.7	-	6,016	-	-	93.58	128.65	-	-	-	-	-	156	-	123.1	15	-	-	-	-	-
Pier #1	-	-	4.4	-	1,221	-	-	-	-	-	-	-	-	-	108	-	190.3	35	-	-	-	-	-
Pier #2	-	-	5.3	-	1,221	-	-	-	-	-	-	-	-	-	108	-	190.3	35	-	-	-	-	-
Pier #3	-	-	7.8	-	1,456	-	-	-	-	-	-	-	-	-	108	-	-	35	-	-	-	-	-
Pier #4	-	-	7.8	-	1,456	-	-	-	-	-	-	-	-	-	108	-	-	35	-	-	-	-	-
Pier #5	-	-	5.3	-	1,221	-	-	-	-	-	-	-	-	-	108	-	-	35	-	-	-	-	-
Pier #6	-	-	4.4	-	1,221	-	-	-	-	-	-	-	-	-	108	-	190.3	35	-	-	-	-	-
Abutment #2	60	288	89.7	-	6,016	-	-	93.58	128.65	-	-	-	-	-	156	-	123.1	15	-	-	-	-	-
Substr. Total	217	586	214.4	-	19,828	-	-	187.16	257.30	-	-	-	-	-	960	-	817.1	240	-	-	-	-	-
Superstr. Total	-	-	-	499.8	-	101,155	2,199.0	-	-	-	-	-	-	-	Δ1,814	1,063.0	-	-	181	-	-	-	322.0
Total	217	586	214.4	499.8	19,830	101,160	2,199.0	187.2	257.3	1	1	1	1	1	Δ2,774	1,063.0	817.1	255	181	337.9	159.5	26.3	322.0

⊙ Includes excavation for the wingwalls.

Δ Includes estimated 1,734 locations for transverse reinforcing in sidewalks, 20 for abutment diaphragm reinforcing and 60 for bracket reinforcing.

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Item Location	False Work	Milling	Silica Fume	#Epoxy Resin	Contractor	Steel	Sculptured	Electrical	Traffic	Slope	Retaining	Subgrade	Select	Pavement	Site	Erosion
	Inspection	Sq. Yds.	Overlay	Crack Repair	Construction	Handrail	Concrete Repair	Lighting System	Control	Protection	Wall	(Crushed Stone)	Granular	Marking	Restoration	Control
	Lump Sum		(1 1/2")	Lin. Ft.	Staking	Repair	& Conservation			(Shot Rock)(6")	Handrail	(6")	Backfill	Lump Sum	& Seeding	BMP's
			Sq. Yds.		Lump Sum	Lin. Ft.	Lump Sum	Lump Sum	Lump Sum	Cu. Yds.	Lin. Ft.	Sq. Yds.	Cu. Yds.		Lump Sum	Lump Sum
Abutment #1	-	-	-	40	-	-	-	-	-	-	-	-	237	-	-	-
Pier #1	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-
Pier #2	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-
Pier #3	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-
Pier #4	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-
Pier #5	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-
Pier #6	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-
Abutment #2	-	-	-	40	-	-	-	-	-	-	-	-	185	-	-	-
Substr. Total	-	-	-	230	-	-	-	-	-	3.8	28.5	-	422	-	-	-
Superstr. Total	-	231.9	231.9	570	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	231.9	231.9	800	1	368.7	1	1	1	3.8	28.5	497.4	422	1	1	1

* Estimated Quantity. Actual quantity will be determined in the field based on visual inspection and approval of the Engineer.

CONTRACTOR CONSTRUCTION STAKING: Contractor Construction Staking for clear span bridges requires two independent surveys. See KDOT Specifications.

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See Sh. #1 for Title Sheet.
 See Sh. #2 & 3 for Approach Sidewalk & Pavement Quantities.
 See Sh. #38 & 39 for Retaining Walls.
 See Sh. #41 for Seeding.
 See Sh. #42 for Pavement Marking Quantities.
 See Sh. #43 for Traffic Control Quantities.

CITY OF WICHITA JAMES ARMOUR, P.E., CITY ENGINEER 13TH STREET BRIDGE OVER LITTLE ARKANSAS RIVER SUMMARY OF QUANTITIES  122. Wichita, Kansas
SCALE: _____ DATE: 10/9/2007 DWG NO.: 35750A