

SUMMARY OF QUANTITIES																					
Item	Class I	Class II	Concrete for	Class AAA	Class AAA	Class AAA	Reinforcing	Reinforcing	Steel		Pile	Latex	Abutment	Bridge	Structural	Structural	Strip	Sidewalk	TFE	Elastomeric	Headed
	Excavation	Excavation	Seal Course	Concrete	Concrete (AE)	Concrete (AE) (SA)	Steel (Grade 60)	Steel (Grade 60) (Epoxy Coated)	Test Piles		(Steel) (HP 12x74)	Surface Course (1½")	Strip Drain	Backwall Protection System	Steel A709 Grade 36	Steel M270 Grade 50 T2	Seal Assembly	Expansion Joint	Bearing Device	Bearing Device	Stud Anchors
Location	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Lbs.	Lbs.	Lin. Ft.		Lin. Ft.	Sq. Yds.	Sq. Yds.	Sq. Yds.	Lbs.	Lbs.	Lin. Ft.	Lin. Ft.	Each	Each	Each
Abutment #1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	—	10	—	—
Pier #2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	—
Pier #3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	—
Abutment #2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	—	10	—	—
Unit Total	—	—	—	—	—	752.2	—	198,920	—	—	—	2,607	—	—	65,640	814,500	120	—	20	20	5,680

SUMMARY OF QUANTITIES																					
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	Excavation	Excavation	Seal Course	Concrete	Concrete (AE)	Concrete (AE) (SA)	Steel (Grade 60)	Steel (Grade 60) (Epoxy Coated)	Test Piles		(Steel) (HP 12x74)	Surface Course (1½")	Strip Drain	Backwall Protection System	Steel A709 Grade 36	Steel M270 Grade 50 T2	Seal Assembly	Expansion Joint	Bearing Device	Bearing Device	Stud Anchors
Location	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Lbs.	Lbs.	Lin. Ft.		Lin. Ft.	Sq. Yds.	Sq. Yds.	Sq. Yds.	Lbs.	Lbs.	Lin. Ft.	Lin. Ft.	Each	Each	Each
Abutment #1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26.9	4	—	—
Pier #1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—
Pier #2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	—	—
Pier #3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	—	—
Pier #4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—
Abutment #2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26.9	4	—	—
Unit Total	—	—	—	—	1,211.4	—	—	256,070	—	—	—	—	—	—	—	—	—	53.8	36	—	—

SUMMARY OF QUANTITIES																					
Item	Class I	Class II	Concrete for	Class AAA	Class AAA	Class AAA	Reinforcing	Reinforcing	Steel		Pile	Latex	Abutment	Bridge	Structural	Structural	Strip	Sidewalk	TFE	Elastomeric	Headed
	Excavation	Excavation	Seal Course	Concrete	Concrete (AE)	Concrete (AE) (SA)	Steel (Grade 60)	Steel (Grade 60) (Epoxy Coated)	Test Piles		(Steel) (HP 12x74)	Surface Course (1½")	Strip Drain	Backwall Protection System	Steel A709 Grade 36	Steel M270 Grade 50 T2	Seal Assembly	Expansion Joint	Bearing Device	Bearing Device	Stud Anchors
Location	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Lbs.	Lbs.	Lin. Ft.		Lin. Ft.	Sq. Yds.	Sq. Yds.	Sq. Yds.	Lbs.	Lbs.	Lin. Ft.	Lin. Ft.	Each	Each	Each
Abutment #1	26	144	—	—	160.8	—	12,180	—	57	—	668	—	254.8	293.5	—	—	—	—	—	—	—
Pier #1	7	185	43.0	43.0	139.2	—	12,280	—	—	—	352	—	—	—	—	—	—	—	—	—	—
Pier #2	—	580	114.7	114.7	576.1	—	64,740	—	29	—	1,416	—	—	—	—	—	—	—	—	—	—
Pier #3	—	583	114.7	114.7	576.1	—	64,740	—	29	—	1,416	—	—	—	—	—	—	—	—	—	—
Pier #4	15	187	43.0	43.0	139.2	—	12,280	—	—	—	352	—	—	—	—	—	—	—	—	—	—
Abutment #2	26	209	—	—	157.7	—	12,130	—	57	—	668	—	204.9	273.4	—	—	—	—	—	—	—
Unit Total	74	1,888	315.4	315.4	1749.1	—	178,350	—	172	—	4,872	—	459.7	566.9	—	—	—	—	—	—	—

SUMMARY OF QUANTITIES																					
Item	Class I	Class II	Concrete for	Class AAA	Class AAA	Class AAA	Reinforcing	Reinforcing	Steel		Pile	Latex	Abutment	Bridge	Structural	Structural	Strip	Sidewalk	TFE	Elastomeric	Headed
	Excavation	Excavation	Seal Course	Concrete	Concrete (AE)	Concrete (AE) (SA)	Steel (Grade 60)	Steel (Grade 60) (Epoxy Coated)	Test Piles		(Steel) (HP 12x74)	Surface Course (1½")	Strip Drain	Backwall Protection System	Steel A709 Grade 36	Steel M270 Grade 50 T2	Seal Assembly	Expansion Joint	Bearing Device	Bearing Device	Stud Anchors
Location	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Lbs.	Lbs.	Lin. Ft.		Lin. Ft.	Sq. Yds.	Sq. Yds.	Sq. Yds.	Lbs.	Lbs.	Lin. Ft.	Lin. Ft.	Each	Each	Each
Grand Total	74	1,888	315.4	315.4	2,960.5	752.2	178,350	454,990	172	—	4,872	2,607	459.7	566.9	65,640	814,500	120	53.8	56	20	5,680

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Revisions

By

Date

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER

DOUGLAS AVENUE BRIDGE

OVER ARKANSAS RIVER

SUMMARY OF QUANTITIES-BRIDGE

CITY OF WICHITA PROJECT NO. 472-82721

PROFESSIONAL ENGINEERING CONSULTANTS,P.A.

ENGINEERS

WICHITA, KANSAS

Designed by

P.D.F.

Checked by

R.A.S.

Drawn by

W.L.L.

Date

Sept. 1997

Job No.

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