

SUMMARY OF QUANTITIES																					
Item	Class I Excavation	Class II Excavation	Concrete for Seal Course	Class AAA Concrete	Class AAA Concrete (AE)	Class AAA Concrete (AE) (SA)	Reinforcing Steel (Grade 60)	Reinforcing Steel (Grade 60) (Epoxy Coated)	Steel Test Piles		Pile (Steel) (HP 12x74)	Latex Surface Course (1 1/2")	Abutment Strip Drain	Bridge Backwall Protection System	Structural Steel A709 Grade 36	Structural Steel M270 Grade 50 T2	Strip Seal Assembly	Sidewalk Expansion Joint	TFE Bearing Device	Elastomeric Bearing Device	Headed 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

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Item	Class I Excavation	Class II Excavation	Concrete for Seal Course	Class AAA Concrete	Class AAA Concrete (AE)	Class AAA Concrete (AE) (SA)	Reinforcing Steel (Grade 60)	Reinforcing Steel (Grade 60) (Epoxy Coated)	Steel Test Piles		Pile (Steel) (HP 12x74)	Latex Surface Course (1 1/2")	Abutment Strip Drain	Bridge Backwall Protection System	Structural Steel A709 Grade 36	Structural Steel M270 Grade 50 T2	Strip Seal Assembly	Sidewalk Expansion Joint	TFE Bearing Device	Elastomeric Bearing Device	Headed 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	—	—

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	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	1,749.1	—	178,350	—	172	—	4,872	—	459.7	566.9	—	—	—	—	—	—	—

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	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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No.	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. 412-82721 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. 95088-4