

Appendix A

Conceptual Quantities

I-65 Corridor Planning Study Bridge Cost Opinion Summary

Kentucky Transportation Cabinet

Project number: KYTC Item No. 5-569

October 2021

ESTIMATE A: BASE

ITEM DESCRIPTION	UNIT
DEMOLITION	SF
CONCRETE-CLASS A	CY
CONCRETE-CLASS AA	CY
STEEL REINFORCEMENT-EPOXY COATED	LB
STEEL REINFORCEMENT	LB
MSE WALL	SF
MSE FOR PHASED CONSTRUCTION	SF
MSE GRANULAR EMBANKMENT	CY
FOUNDATION PREP.	LS
PILES-STEEL HP12X53	LF
RAILING	LF
RAILING ON MOMENT SLAB	LF
MEDIAN BARRIER	LF
APPROACH PAVEMENT	LS
PRECAST PC BOX BEAM CB27X48	LF
PPC I-BEAM TYPE HN 60-48	LF
PRECAST PC I BEAM TYPE 3	LF
STRUCTURAL STEEL	LB

CONCEPTUAL QUANTITIES			
056B00179N	056B00183N	056B00191N	056B00192N
39200	54100	156000	43400
730	860	350	150
770	1200	1340	630
183000	288000	303000	141000
100000	128000	52000	23000
10800	26100	67400	21600
4500	7000	26700	7200
1000	2200	51300	14500
1	1	1	1
4400	7300	12800	5500
470	740	530	140
230	710	2130	600
360	530	1250	500
1	1	1	1
0	0	2400	0
0	0	1710	0
0	0	0	1490
970000	1370000	0	0

ESTIMATE B: MATCH EXISTING FOOTPRINT

ITEM DESCRIPTION	UNIT
DEMOLITION	SF
CONCRETE-CLASS A	CY
CONCRETE-CLASS AA	CY
STEEL REINFORCEMENT-EPOXY COATED	LB
STEEL REINFORCEMENT	LB
MSE WALL	SF
MSE GRANULAR EMBANKMENT	CY
FOUNDATION PREP.	LS
PILES-STEEL HP12X53	LF
RAILING	LF
MEDIAN BARRIER	LF
APPROACH PAVEMENT	LS
PRECAST PC BOX BEAM CB27X48	LF
PPC I-BEAM TYPE HN 60-48	LF
PRECAST PC I BEAM TYPE 3	LF
STRUCTURAL STEEL	LB

CONCEPTUAL QUANTITIES			
056B00179N	056B00183N	056B00191N	056B00192N
39200	54100	156000	43400
980	1330	2990	1500
1050	1640	5250	1320
250000	393000	1180000	297000
135000	201000	561000	225000
0	14600	0	0
0	6400	0	0
1	1	1	1
5700	10000	50300	16300
700	1500	5400	1600
330	350	1250	500
1	1	1	1
0	0	9300	0
0	0	12500	0
0	0	0	3900
1370000	2360000	0	0