

North Approach of Bridge	COUNTY: OKLAHOMA / LOGAN		HWY:I-35 / WATERLOO RD.		J/P NO. 29843(04)		DESCRIPTION: NEW CONSTRUCTION		
	DESIGN TEAM: GARVER		DATE: 09/23/2024						
	ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY/FT.	TOTAL QUANTITY	UNIT COST	COST/FT.	
	303(A)	1200	AGGREGATE BASE TYPE A	CY	3.28051	3,608.57	\$ 80.00	\$ 262.45	
	307(K)	4200	STABILIZED SUBGRADE	SY	9.97422	10,971.64	\$ 9.50	\$ 94.76	
	326(A)	1200	GEOTEXTILE REINFORCEMENT (5)	SY	16.35290	17,988.19	\$ 5.50	\$ 89.95	
	402(E)	2600	TRAFFIC BOUND SURFACE COURSE TYPE E (1)	TON	1.43989	1,583.87	\$ 47.00	\$ 67.68	
	408	8100	PRIME COAT (3)	GAL	9.11373	10,025.11	\$ 4.50	\$ 41.02	
	411(B)	1330	SUPERPAVE, TYPE S3(PG 64-22 OK) (2)	TON	2.35962	2,595.58	\$ 120.00	\$ 283.16	
	414(A)	5200	P.C.CONCRETE PAVEMENT(PACEMENT)	SY	2.13006	2,343.06	\$ 23.00	\$ 49.00	
	414(B)	5300	DOWEL JOINTED P.C.C.PAVT.(PLACEMENT)	SY	10.87660	11,964.26	\$ 35.00	\$ 380.69	
	414(G)	5800	P.C. CONCRETE FOR PAVEMENT	CY	4.33555	4,769.11	\$ 220.00	\$ 953.83	
	613(J)	6400	EDGE DRAIN CONDUIT-PERFORATED	LF	1.00000	1,100.00	\$ 16.00	\$ 16.00	
	TOTAL COST PER FOOT								\$2,238.54
	COST PER FOOT X LENGTH = SURFACING COST					\$2,238.54	X 1,100 =	\$2,462,394.00	
NOTES:									
(1) ESTIMATED AT 140 LBS PER CU. FT.									
(2) ESTIMATED AT 112 LBS PER SQ. YD. PER 1" THICK									
(3) ESTIMATED AT 0.35 GAL PER SQ. YD. WHEN APPLIED TO SUBGRADE AND 0.25 GAL PER SQ. YD. WHEN APPLIED TO AGGREGATE BASE									
(5) RS380i OR APPROVED EQUAL									

South Approach of Bridge	COUNTY: OKLAHOMA / LOGAN		HWY:I-35 / WATERLOO RD.		J/P NO. 29843(04)		DESCRIPTION: NEW CONSTRUCTION	
	DESIGN TEAM: GARVER		DATE: 09/23/2024					
	ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY/FT.	TOTAL QUANTITY	UNIT COST	COST/FT.
	303(A)	1200	AGGREGATE BASE TYPE A	CY	3.22653	3,549.18	\$ 80.00	\$ 258.13
	307(K)	4200	STABILIZED SUBGRADE	SY	9.81242	10,793.66	\$ 9.50	\$ 93.22
	326(A)	1200	GEOTEXTILE REINFORCEMENT (5)	SY	16.27914	17,907.06	\$ 5.50	\$ 89.54
	402(E)	2600	TRAFFIC BOUND SURFACE COURSE TYPE E (1)	TON	1.43035	1,573.39	\$ 47.00	\$ 67.23
	405	5100	PERMEABLE FRICTION COURSE	TON	0.60833	669.16	\$ 185.00	\$ 112.55
	407(B)	7300	TACK COAT (4)	GAL	4.76395	5,240.34	\$ 4.50	\$ 21.44
	408	8100	PRIME COAT (3)	GAL	9.18827	10,107.10	\$ 4.50	\$ 41.35
	411(B)	1300	SUPERPAVE, TYPE S3(PG 76-28 OK) (2)	TON	1.91764	2,109.40	\$ 150.00	\$ 287.65
	411(B)	1330	SUPERPAVE, TYPE S3(PG 64-22 OK) (2)	TON	4.98441	5,482.85	\$ 115.00	\$ 573.21
	411(F)	1700	STONE MATRIX ASPHALT (2)	TON	1.52221	1,674.43	\$ 170.00	\$ 258.78
	411(G)	1800	RICH BOTTOM LAYER (2)	TON	2.32013	2,552.14	\$ 145.00	\$ 336.42
	613(J)	6400	EDGE DRAIN CONDUIT-PERFORATED	LF	1.00000	1,100.00	\$ 16.00	\$ 16.00
TOTAL COST PER FOOT								\$2,155.52
COST PER FOOT X LENGTH = SURFACING COST					\$2,155.52	X 1,100 =	\$2,371,072.00	
NOTES:								
(1) ESTIMATED AT 140 LBS PER CU. FT.								
(2) ESTIMATED AT 112 LBS PER SQ. YD. PER 1" THICK								
(3) ESTIMATED AT 0.35 GAL PER SQ. YD. WHEN APPLIED TO SUBGRADE AND 0.25 GAL PER SQ. YD. WHEN APPLIED TO AGGREGATE BASE								
(4) ESTIMATED AT 0.075 GALLONS PER SQ. YD.								
(5) RS380i OR APPROVED EQUAL								

Bridge Construction Cost = \$6,611,609.90
Roadway Approach Costs = \$4,833,466.00
Earthwork Estimated Cost = \$966,693.20
Prelim. Grand Total = \$12,411,769.10
20% contingency = \$2,482,353.82
6% Construction Management = \$744,706.15
<b>GRAND TOTAL ROUNDED = \$15,639,000.00</b>