



**CUY-90-19.50/21.30 SAFETY STUDY  
ODOT DISTRICT 12**

**PRELIMINARY CONSTRUCTION ESTIMATE - REV APR 28 2016**

**MLK Drive Short Term: RESURFACE AND STRIPE BETWEEN WB EXIT RAMP AND EAST BLVD, 2 NEW SIGNALS,  
ADD RECEIVING LANE ON EB I-90 ENTRANCE RAMP AT MLK**

ITEM	DESCRIPTION	QUANTITY	UNIT COST	TOTAL COST
202	CONCRETE ISLANDS/PAVEMENT REMOVAL	3840 SY	\$25	\$96,000
202	SIDEWALK REMOVED	7500 SF	\$2	\$15,000
202	CURB REMOVED	4100 SF	\$5	\$20,500
203	EMBANKMENT	1300 CY	\$10	\$13,000
254	PAVEMENT PLANING, ASPHALT CONCRETE	8840 SY	\$2	\$17,680
304	AGGREGATE BASE, 6"	330 CY	\$50	\$16,500
407	TACK COAT	800 GAL	\$5	\$4,000
448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22, 1.25"	380 CY	\$180	\$68,400
448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG64-22, 1.75"	0 CY	\$170	\$0
451	9" REINFORCED CONCRETE PAVEMENT	3840 SY	\$80	\$307,200
604	INLET REMOVED/REPLACED	12 EA	\$5,000	\$60,000
608	CONCRETE WALK	7500 SF	\$5	\$37,500
609	CURB	4100 FT	\$20	\$82,000
625	LUMINAIRE, UNDERPASS	1 LS	\$40,000	\$40,000
630	SIGNAGE	1 LS	\$70,000	\$70,000
632	TRAFFIC SIGNAL INSTALLATION	2 EA	\$150,000	\$300,000
632	TRAFFIC SIGNAL ADJUSTMENTS (@ BROAD AVE)	1 EA	\$25,000	\$25,000
644	PAVEMENT MARKINGS	1 LS	\$55,000	\$55,000
Subtotal				\$ 1,228,000.00
614	MAINTAINING TRAFFIC	1 LS	\$150,000	\$150,000
619	FIELD OFFICE, TYPE B	6 MN	\$1,600	\$9,600
623	CONSTRUCTION LAYOUT STAKES	1 LS	\$15,000	\$15,000
624	MOBILIZATION	1 LS	\$40,000	\$40,000
Subtotal				\$ 1,443,000.00
Design Risk (35%)				\$506,000
Subtotal				\$1,949,000
Inflation Cost (8.6%)				\$168,000
<b>Total</b>				<b>\$2,117,000</b>

Notes:

- 1 Construction estimated in 2017
- 2 Utility relocation not included

Pavement work limits: WB Exit ramp - 600', EB exit ramp - 200', EB entrance ramp - 500',  
3 MLK - SB only from WB ramps to East Blvd, NB - EB ramps approach only