

CUY-480-14.10/14.40, STATE ROAD IMPROVEMENTS CUYAHOGA COUNTY, OHIO PRELIMINARY CONSTRUCTION ESTIMATE - MAY 29, 2015, REVISED 09/30/15

ITEM	DESCRIPTION	QUANTITY		UNIT COST	TOTAL COST		
201	CLEARING AND GRUBBING	1 LS	\$	5,000.00	\$	5,000.00	
202	PAVEMENT REMOVED, CONCRETE	50 SY	\$	25.00	\$	1,250.00	
202	CONCRETE MEDIAN REMOVED	450 SY	5	25.00	\$	11,250.00	
202	CATCH BASIN OR INLET REMOVED	1 EA	5	1,500.00	\$	1,500.00	
203	EXCAVATION	1200 CY	\$	10.00	\$	12,000.00	
203	EMBANKMENT	250 CY	\$	15.00	\$	3,750.00	
204	SUBGRADE COMPACTION	2000 SY	5	2.00	\$	4,000.00	
206	CEMENT STABILIZED SUBGRADE, 16" DEEP	2000 SY	5	7.50	\$	15,000.00	
252	FULL DEPTH PAVEMENT SAWING	2000 FT	5	2.00	\$	4,000.00	
254	PAVEMENT PLANING, ASPHALT CONCRETE	25500 SY	5	2.50	\$	63,750.00	
448	ASPHALT CONCRETE SURFACE COURSE 3"	2200 CY	5	175.00	\$	385,000.00	
304	AGGREGATE BASE, 10"	600 CY	5	50.00	\$	30,000.00	
407	TACK COAT	2550 GAL	5	2.00	\$	5,100.00	
452	12" CONCRETE PAVEMENT	2000 SY	5	125.00	\$	250,000.00	
500	STRUCTURE WORK	1 LS	5	50,000.00	\$	50,000.00	
603	15" CONDUIT, TYPE B	25 FT	5	100.00	\$	2,500.00	
604	CATCH BASIN	1 EA	5	3,000.00	\$	3,000.00	
605	6" BASE PIPE UNDERDRAIN	2000 FT	69	6.00	\$	12,000.00	
606	GUARD RAIL	100 FT	69	25.00	\$	2,500.00	
609	CONCRETE CURB	450 FT	69	15.00	\$	6,750.00	
606	CONCRETE MEDIAN	405 FT	69	15.00	\$	6,075.00	
630	SIGNAGE	1 LS	69	5,000.00	\$	5,000.00	
632	OVERHEAD SIGN RELOCATED/REPLACED	3 EA	69	25,000.00	\$	75,000.00	
632	TRAFFIC DETECTOR RELOCATED	5 EA	\$	5,000.00	\$	25,000.00	
632	TRAFFIC SIGNAL UPGRADE	3 EA	\$	150,000.00	\$	450,000.00	
644	PAVEMENT MARKINGS	1 LS	\$	15,000.00	\$	15,000.00	
659	SEEDING AND MULCHING	2500 SY	\$	2.00	\$	5,000.00	
832	SWPPP	1 LS	\$	5,000.00	\$	5,000.00	
832	EROSION CONTROL	2500 EA	\$	1.00	\$	2,500.00	

			Subtotal	\$ 1,457,000.00	
614	MAINTAINING TRAFFIC	1 LS	\$ 75,000.00	\$ 75,000.00	
619	FIELD OFFICE, TYPE B	9 MN	\$ 2,000.00	\$ 18,000.00	
623	CONSTRUCTION LAYOUT STAKES	1 LS	\$ 15,000.00	\$ 15,000.00	
624	MOBILIZATION	1 LS	\$ 40,000.00	\$ 40,000.00	
			Subtotal	\$ 1,605,000.00	
		Des	sign Risk (30%)	\$ 482,000.00	
Subtotal					
		Inflat	ion Cost (8.5%)	\$ 178,000.00	
			Total	\$ 2,265,000.00	

Notes:

- 1 R/W and utilities are not included in this estimate. (R/W anticipated for Brookpark WB RT improvement)
- 2 Existing pavement is assumed to be concrete.
- 3 Pavement widening is assumed to be concrete. Entire work area overlaid with asphalt after construction.
- 4 Construction assumed in 2017
- 5 Assumed 600' turn lanes on the WB ramp, 400' RT lane at westbound Brookpark

CUY-480 (14.10-14.40) SAFETY STUDY - WB RIGHT TURN LANE IMPROVEMENT AT BROOKPARK/STATE INTERSECTION CUYAHOGA COUNTY, OHIO

PRELIMINARY RIGHT OF WAY ESTIMATE - SEPTEMBER 2015

Parcel ID	Land Use	Land Value	Structure Value	Total [A]	TOTAL ACREAGE (ACRES) [B]	Structure Impact		Area: Temporary	Cost: Fee Simple [D=A/B*C]	Cost: Temporary [E]	Labor costs [F]	Relocation [G]	Sub-Total Cost [D+E+F+G]	Cost to Cure	Comments
011-25-004	COMMERCIAL	\$2,362,200		\$2,362,200	2.018	NO	0.033		\$38,971	\$0	\$12,150		\$51,121	\$25,000	TEMPORARY R/W NOT CONSIDERED

Sub-Totals \$38,971 \$0 \$51,121 \$25,000

\$9,202

\$127,090

Administrative Costs
Jury trial Costs
Incidental transfer Costs

[(sub-total)x0.15]x1.20 [(sub-total)x0.10]x1.50 [(sub-total)x0.90]x0.025

\$7,668 \$1,150 **Estimated Cost** \$94,141 Contingency (35%) \$32,949

* Labor Cost Includes the following: (per ODOT Cost Estimating Procedures For Acquiring Rights of Way)

		,	TOTAL COST	Ţ	
Titles	Detailed Apprais	Annraisal	Negotiation	Closings	Project Management
\$400	\$4,500	\$2,000	\$1,100	\$400	\$550

Notes:

- 1 Existing ROW From face of curb to back of sidewalk 18.5' (0.5' Curb, 13' Tree lawn, 5' SW), Required ROW is 22' (12' RT lane, 7.5' SW, 2.5 ft for Type C&G) New ROW needed 3.5'
- 2 Required Area is estimated for a 3.5' width take for the length of the WB RT lane (400') at Brookpark/State,
- 3 Existing R/W estimated using GIS parcel lines, where available
- 4 Where R/W cannot be easily estimated from GIS parcels, existing R/W is assumed to be 1' behind walk
- 5 Proposed permanent R/W is assumed to be 1' behind proposed walk
- 6 Cost to cure assumes some damages to existing car dealership parking lot