



**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	\$ 25.00	\$ 11,250.00
202	CATCH BASIN OR INLET REMOVED	1 EA	\$ 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	\$ 2.00	\$ 4,000.00
206	CEMENT STABILIZED SUBGRADE, 16" DEEP	2000 SY	\$ 7.50	\$ 15,000.00
252	FULL DEPTH PAVEMENT SAWING	2000 FT	\$ 2.00	\$ 4,000.00
254	PAVEMENT PLANING, ASPHALT CONCRETE	25500 SY	\$ 2.50	\$ 63,750.00
448	ASPHALT CONCRETE SURFACE COURSE 3"	2200 CY	\$ 175.00	\$ 385,000.00
304	AGGREGATE BASE, 10"	600 CY	\$ 50.00	\$ 30,000.00
407	TACK COAT	2550 GAL	\$ 2.00	\$ 5,100.00
452	12" CONCRETE PAVEMENT	2000 SY	\$ 125.00	\$ 250,000.00
500	STRUCTURE WORK	1 LS	\$ 50,000.00	\$ 50,000.00
603	15" CONDUIT, TYPE B	25 FT	\$ 100.00	\$ 2,500.00
604	CATCH BASIN	1 EA	\$ 3,000.00	\$ 3,000.00
605	6" BASE PIPE UNDERDRAIN	2000 FT	\$ 6.00	\$ 12,000.00
606	GUARD RAIL	100 FT	\$ 25.00	\$ 2,500.00
609	CONCRETE CURB	450 FT	\$ 15.00	\$ 6,750.00
606	CONCRETE MEDIAN	405 FT	\$ 15.00	\$ 6,075.00
630	SIGNAGE	1 LS	\$ 5,000.00	\$ 5,000.00
632	OVERHEAD SIGN RELOCATED/REPLACED	3 EA	\$ 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
Design Risk (30%)				\$ 482,000.00
Subtotal				\$ 2,087,000.00
Inflation 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

