

**PRELIMINARY OPTION OF PROBABLE COST
BOROUGH OF DORMONT STORMWATER AUTHORITY
KELTON AVENUE WATERSHED STORMWATER IMPROVEMENTS**

Prepared by:
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Dated: March 24, 2020

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
Phase II - West Liberty Ave to Kelton Ave					
1	Type 'C' Alternate Inlet Top, Standard Box (or Type 4 or Type 5 Box, as required), Variable Depth, 10" Cast Iron Frame and Bicycle Safe Grate	4	EA	\$7,500.00	\$30,000.00
2	Remove Existing Manhole Structure / Replace with 5ft Manhole Storm Manhole including Excavation and Backfill, Complete In-Place	1	EA	\$20,000.00	\$20,000.00
3	Maintenance and Protection of Traffic during Construction as per PennDOT Publication 213 and the Federal Highway Administration Manual on Uniform Traffic Control Devices (MUTCD)	1	LS	\$30,000.00	\$30,000.00
4	5 ft Storm Manhole including Excavation and Backfill, Complete In-Place	2	EA	\$15,000.00	\$30,000.00
5	24" Reinforced Concrete Pipe	150	LF	\$350.00	\$52,500.00
6	24" Corrugated Polyethylene Culvert Pipe (smooth lined)	280	LF	\$200.00	\$56,000.00
7	15" Corrugated Polyethylene Culvert Pipe (smooth lined)	100	LF	\$150.00	\$15,000.00
8	Roadway Milling / Profiling / Fine Grading (As Required), Variable Depth (1.5" Average Depth)	2,300	SY	\$3.00	\$6,900.00
9	1.5" HMA Superpave Wearing Course 9.5mm, 0 to 0.3 Million Design ESALs, PG 64-22, SRL-H	2,300	SY	\$8.00	\$18,400.00
10	Erosion and Sedimentation Control	1	LS	\$5,000.00	\$5,000.00
Subtotal					\$263,800.00
Audit					\$2,500.00
10% Contingency					\$26,380.00
10% Engineering					\$26,380.00
Total					\$319,060.00