

**PRELIMINARY OPTION OF PROBABLE COST**  
**BOROUGH OF DORMONT**  
**LA SALLE AVENUE STORM SEWER IMPROVEMENTS**

Prepared by:  
Lennon, Smith, Souleret Engineering, Inc.  
Dated: July 2020  
**Phase 1**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	1.5" WMA Superpave Wearing Course 9.5mm, 0 to 0.3 Million Design ESALs, PG 64-22, SRL-H	1,700	SY	\$8.00	\$13,600.00
2	3" WMA Superpave Binder Course 19mm, 0.3 to 3 Million Design ESALs, PG 64-22	1,700	SY	\$15.00	\$25,500.00
3	4" Average Depth, Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22	1,700	SY	\$22.00	\$37,400.00
4	8" Limestone Subbase including Preparation of Subgrade and Installation of Class IV Fabric, 6" AASHTO No. 1 choked with 2" PennDOT 2A	1,700	SY	\$25.00	\$42,500.00
5	15" Corrugated Polyethylene Culvert Pipe (smooth lined)	500	LF	\$130.00	\$65,000.00
6	18" Corrugated Polyethylene Culvert Pipe (smooth lined)	50	LF	\$140.00	\$7,000.00
7	54" Corrugated Polyethylene Culvert Pipe (Smooth Lined)	880	LF	\$390.00	\$343,200.00
8	4' Diameter Storm Manhole, Complete In Place	3	EA	\$4,000.00	\$12,000.00
9	7' Diameter Storm Manhole , Complete In Place	3	EA	\$15,000.00	\$45,000.00
10	Type 5 Inlet Box with Transition Slab to Type 'C' Alternate Inlet Top, Standard Box, Variable Depth, 10" Cast Iron Frame and Bicycle Safe Grate, Complete In Place	3	SY	\$15,000.00	\$45,000.00
11	Type 'C' Alternate Inlet Top, Standard Box (or Type 4 as required), Variable Depth, 10" Cast Iron Frame and Bicycle Safe Grate	8	EA	\$4,500.00	\$36,000.00
12	6" Plain Cement Concrete Curb (18" deep)	1,200	LF	\$100.00	\$120,000.00
13	Brick Road Trench Restoration - Borough Roadway	600	SY	\$100.00	\$60,000.00
14	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	\$15,000.00	\$15,000.00
15	Erosion and Sedimentation Control	1	LS	\$10,000.00	\$10,000.00
				<b>Total</b>	<b>\$877,200.00</b>
				<b>25% Contingency,</b>	<b>\$219,300.00</b>
				<b>Total</b>	<b>\$1,096,500.00</b>

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Dated: July 2020  
**Phase 2**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	1.5" WMA Superpave Wearing Course 9.5mm, 0 to 0.3 Million Design ESALs, PG 64-22, SRL-H	1,800	SY	\$10.00	\$18,000.00
2	Roadway Milling / Profiling / Fine Grading (As Required), Variable Depth (1.5" Average Depth)	1,800	SY	\$10.00	\$18,000.00
3	15" Corrugated Polyethylene Culvert Pipe (smooth lined)	210	LF	\$130.00	\$27,300.00
4	18" Corrugated Polyethylene Culvert Pipe (smooth lined)	270	LF	\$140.00	\$37,800.00
5	54" Corrugated Polyethylene Culvert Pipe (Smooth Lined)	520	LF	\$390.00	\$202,800.00
6	4' Diameter Storm Manhole, Complete In Place	1	EA	\$4,000.00	\$4,000.00
7	Type 5 Inlet Box with Transition Slab to Type 'C' Alternate Inlet Top, Standard Box, Variable Depth, 10" Cast Iron Frame and Bicycle Safe Gate, Complete In Place	4	SY	\$15,000.00	\$60,000.00
8	Type 'C' Alternate Inlet Top, Standard Box (or Type 4 as required), Variable Depth, 10" Cast Iron Frame and Bicycle Safe Gate	7	EA	\$4,500.00	\$31,500.00
9	6" Plain Cement Concrete Curb (18" deep)	800	LF	\$100.00	\$80,000.00
10	Brick Road Trench Restoration - Borough Roadway	650	SY	\$100.00	\$65,000.00
11	Bituminous Pavement Trench Restoration - Borough Roadway	400	SY	\$80.00	\$32,000.00
12	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	\$15,000.00	\$15,000.00
13	Erosion and Sedimentation Control	1	LS	\$10,000.00	\$10,000.00
				<b>Total</b>	<b>\$601,400.00</b>
				<b>25% Contingency,</b>	<b>\$150,350.00</b>
				<b>Total</b>	<b>\$751,750.00</b>

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Prepared by:  
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Dated: July 2020  
**Phase 3**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	1.5" WMA Superpave Wearing Course 9.5mm, 0 to 0.3 Million Design ESALs, PG 64-22, SRL-H	200	SY	\$10.00	\$2,000.00
2	Roadway Milling / Profiling / Fine Grading (As Required), Variable Depth (1.5" Average Depth)	200	SY	\$10.00	\$2,000.00
3	6" Plain Cement Concrete Curb (18" deep)	600	LF	\$100.00	\$60,000.00
4	15" Corrugated Polyethylene Culvert Pipe (smooth lined)	800	LF	\$130.00	\$104,000.00
5	Type 'C' Alternate Inlet Top, Standard Box (or Type 4 as required), Variable Depth, 10" Cast Iron Frame and Bicycle Safe Grate	11	EA	\$4,500.00	\$49,500.00
6	Brick Road Trench Restoration - Borough Roadway	550	SY	\$100.00	\$55,000.00
7	Bituminous Pavement Trench Restoration - Borough Roadway	100	SY	\$80.00	\$8,000.00
8	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	\$10,000.00	\$10,000.00
9	Erosion and Sedimentation Control	1	LS	\$5,000.00	\$5,000.00
<b>Total</b>					<b>\$295,500.00</b>
<b>25% Contingency,</b>					<b>\$73,875.00</b>
<b>Total</b>					<b>\$369,375.00</b>