



GILMORE & ASSOCIATES, INC.

ENGINEERING & CONSULTING SERVICES

ENGINEER'S OPINION OF PROBABLE COST

CLIENT: West Norriton Township
PROJECT NAME: Regents Park Roadway Repairs - Cost Estimate
G&A PROJECT #: 2020-01219
DATE: August 2018 **REVISED APRIL 2020**

CONSTRUCTION COST ESTIMATE

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT COST	EXTENDED COST
NORRITON DRIVE (From Trooper Road to Hillendale Drive)					\$ 140,300.00
1	1.5" Roadway Mill	SY	10185	\$ 2.50	\$ 25,462.50
2	Remove and Replace Type S Inlet Top	EA	2	\$ 1,000.00	\$ 2,000.00
3	Remove and Replace Type C Inlet Top	EA	6	\$ 1,000.00	\$ 6,000.00
4	4.5" Base Repair	SY	870	\$ 35.00	\$ 30,450.00
5	1.5" Wearing Course	SY	10185	\$ 7.50	\$ 76,387.50
WINTERFALL AVENUE (From Norriton Drive to End)					\$ 30,250.00
1	1.5" Roadway Mill	SY	1525	\$ 2.50	\$ 3,812.50
2	3" Base Repair	SY	500	\$ 30.00	\$ 15,000.00
3	1.5" Wearing Course	SY	1525	\$ 7.50	\$ 11,437.50
SNOWFLAKE CIRCLE (From Norriton Drive to End)					\$ 20,400.00
1	1.5" Roadway Mill	SY	1570	\$ 2.50	\$ 3,925.00
2	Remove and Replace Type C Inlet Top	EA	2	\$ 1,000.00	\$ 2,000.00
3	3" Base Repair	SY	90	\$ 30.00	\$ 2,700.00
4	1.5" Wearing Course	SY	1570	\$ 7.50	\$ 11,775.00
CAROUSEL CIRCLE (From Norriton Drive to End)					\$ 15,160.00
1	1.5" Roadway Mill	SY	1486	\$ 2.50	\$ 3,715.00
2	3" Base Repair	SY	10	\$ 30.00	\$ 300.00
3	1.5" Wearing Course	SY	1486	\$ 7.50	\$ 11,145.00
GREENTREE LANE (From Norriton Drive to Hillendale Drive)					\$ 14,000.00
1	1.5" Roadway Mill	SY	1240	\$ 2.50	\$ 3,100.00
2	Remove and Replace Type C Inlet Top	EA	1	\$ 1,000.00	\$ 1,000.00
3	3" Base Repair	SY	20	\$ 30.00	\$ 600.00
4	1.5" Wearing Course	SY	1240	\$ 7.50	\$ 9,300.00
SANDALWOOD LANE (From Norriton Drive to Hillendale Drive)					\$ 25,020.00
1	1.5" Roadway Mill	SY	1252	\$ 2.50	\$ 3,130.00
2	Remove and Replace Type C Inlet Top	EA	2	\$ 1,000.00	\$ 2,000.00
3	3" Base Repair	SY	350	\$ 30.00	\$ 10,500.00
4	1.5" Wearing Course	SY	1252	\$ 7.50	\$ 9,390.00
TREETOP LANE (From Norriton Drive to Hillendale Drive)					\$ 17,640.00
1	1.5" Roadway Mill	SY	1034	\$ 2.50	\$ 2,585.00
2	Remove and Replace Type C Inlet Top	EA	2	\$ 1,200.00	\$ 2,400.00
3	4.5" Base Repair	SY	140	\$ 35.00	\$ 4,900.00
4	1.5" Wearing Course	SY	1034	\$ 7.50	\$ 7,755.00



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CRAFTSMAN ROAD (From Norriton Drive to Hillendale Drive)					\$ 31,670.00
1	1.5" Roadway Mill	SY	2267	\$ 2.50	\$ 5,667.50
2	Remove and Replace Type S Inlet Top	EA	1	\$ 1,200.00	\$ 1,200.00
3	Remove and Replace Type C Inlet Top	EA	1	\$ 1,200.00	\$ 1,200.00
4	3" Base Repair	SY	220	\$ 30.00	\$ 6,600.00
5	1.5" Wearing Course	SY	2267	\$ 7.50	\$ 17,002.50
RAFTER ROAD (From Norriton Drive to Hillendale Drive)					\$ 30,050.00
1	1.5" Roadway Mill	SY	2315	\$ 2.50	\$ 5,787.50
2	Remove and Replace Type M Inlet Top	EA	1	\$ 1,000.00	\$ 1,000.00
3	Remove and Replace Type C Inlet Top	EA	2	\$ 1,000.00	\$ 2,000.00
4	3" Base Repair	SY	130	\$ 30.00	\$ 3,900.00
5	1.5" Wearing Course	SY	2315	\$ 7.50	\$ 17,362.50
CATHEDRAL LANE (From Norriton Drive to End)					\$ 22,580.00
1	1.5" Roadway Mill	SY	1808	\$ 2.50	\$ 4,520.00
2	3" Base Repair	SY	150	\$ 30.00	\$ 4,500.00
3	1.5" Wearing Course	SY	1808	\$ 7.50	\$ 13,560.00
WINDMILL CIRCLE (From Norriton Drive to End)					\$ 17,140.00
1	1.5" Roadway Mill	SY	1564	\$ 2.50	\$ 3,910.00
2	3" Base Repair	SY	50	\$ 30.00	\$ 1,500.00
3	1.5" Wearing Course	SY	1564	\$ 7.50	\$ 11,730.00
HILLEDALE DRIVE (From Norriton Drive to Fieldcrest Avenue)					\$ 112,710.00
1	1.5" Roadway Mill	SY	6986	\$ 2.50	\$ 17,465.00
2	Remove and Replace Type S Inlet Top	EA	2	\$ 1,000.00	\$ 2,000.00
3	Remove and Replace Type C Inlet Top	EA	9	\$ 1,000.00	\$ 9,000.00
4	4.5" Base Repair	SY	910	\$ 35.00	\$ 31,850.00
5	1.5" Wearing Course	SY	6986	\$ 7.50	\$ 52,395.00
STATESMAN ROAD (From Hillendale Drive to End)					\$ 26,590.00
1	1.5" Roadway Mill	SY	2234	\$ 2.50	\$ 5,585.00
2	Remove and Replace Type S Inlet Top	EA	1	\$ 1,000.00	\$ 1,000.00
3	Remove and Replace Type C Inlet Top	EA	1	\$ 1,000.00	\$ 1,000.00
4	3" Base Repair	SY	75	\$ 30.00	\$ 2,250.00
5	1.5" Wearing Course	SY	2234	\$ 7.50	\$ 16,755.00
SENTRY LANE (From Hillendale Drive to End)					\$ 34,020.00
1	1.5" Roadway Mill	SY	1452	\$ 2.50	\$ 3,630.00
2	3" Base Repair	SY	650	\$ 30.00	\$ 19,500.00
3	1.5" Wearing Course	SY	1452	\$ 7.50	\$ 10,890.00



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CRANBERRY DRIVE (From Hillendale Drive to End)					\$ 31,000.00
1	1.5" Roadway Mill	SY	1750	\$ 2.50	\$ 4,375.00
2	3" Base Repair	SY	450	\$ 30.00	\$ 13,500.00
3	1.5" Wearing Course	SY	1750	\$ 7.50	\$ 13,125.00
COUNTRYSIDE LANE (From Hillendale Drive to End)					\$ 23,600.00
1	1.5" Roadway Mill	SY	1770	\$ 2.50	\$ 4,425.00
2	Remove and Replace Type S Inlet Top	EA	1	\$ 1,000.00	\$ 1,000.00
3	Remove and Replace Type C Inlet Top	EA	1	\$ 1,000.00	\$ 1,000.00
4	3" Base Repair	SY	130	\$ 30.00	\$ 3,900.00
5	1.5" Wearing Course	SY	1770	\$ 7.50	\$ 13,275.00
FIELDCREST AVENUE (From Norriton Drive to Trooper Road)					\$ 48,330.00
1	1.5" Roadway Mill	SY	4383	\$ 2.50	\$ 10,957.50
2	Remove and Replace Type C Inlet Top	EA	1	\$ 1,000.00	\$ 1,000.00
3	4.5" Base Repair	SY	100	\$ 35.00	\$ 3,500.00
4	1.5" Wearing Course	SY	4383	\$ 7.50	\$ 32,872.50
DRAGON CIRCLE (From Fieldcrest Avenue to End)					\$ 33,560.00
1	1.5" Roadway Mill	SY	1556	\$ 2.50	\$ 3,890.00
2	3" Base Repair	SY	600	\$ 30.00	\$ 18,000.00
3	1.5" Wearing Course	SY	1556	\$ 7.50	\$ 11,670.00
ROCKWOOD DRIVE (From Fieldcrest Avenue to End)					\$ 30,740.00
1	1.5" Roadway Mill	SY	1574	\$ 2.50	\$ 3,935.00
2	3" Base Repair	SY	500	\$ 30.00	\$ 15,000.00
3	1.5" Wearing Course	SY	1574	\$ 7.50	\$ 11,805.00
COBBLESTONE CIRCLE (From Fieldcrest Avenue to End)					\$ 20,150.00
1	1.5" Roadway Mill	SY	1365	\$ 2.50	\$ 3,412.50
2	Remove and Replace Type M Inlet Top	EA	2	\$ 1,000.00	\$ 2,000.00
3	3" Base Repair	SY	150	\$ 30.00	\$ 4,500.00
4	1.5" Wearing Course	SY	1365	\$ 7.50	\$ 10,237.50
Subtotal: \$ 724,910.00					
10% Contingency \$ 72,491.00					
TOTAL \$ 797,401.00					
<p>*An engineers estimate is an opinion of probable cost not made by a professional construction cost estimator. The accuracy of the engineer's estimate cannot be guaranteed. The units cost from the above estimate were based on the average units costs of the 2019 West Norriton Township Road Program and the 2020 Lower Gwynedd Township Road Program</p>					