

OFFICE OF THE FULTON COUNTY ENGINEER

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BIDDERS TABULATION				Engineer's Estimate	Ward Construction Co.	Henry W. Bergman, Inc.		
Project : 2019 Seal Coat Program				\$761,588.00	\$799,434.90	\$819,909.50		
Bid Date : June 19, 2019					4.97%	7.66%		
REF	ITEM	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST
NO.	NO.							
Fulton County								
Road T (SR 127 to Williams County Line)								
10,830' x 18'2"								
1	409	8,760	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 17,520.00	\$ 2.13	\$ 18,658.80
2	409	228	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 6,384.00	\$ 30.00	\$ 6,840.00
3	special	2,628	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 5,256.00	\$ 2.10	\$ 5,518.80
4	642	2.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 1,000.00	\$ 650.00	\$ 1,340.00
5	642	4.00	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 1,600.00	\$ 450.00	\$ 1,880.00
Road 27 (Road N to Road M)								
5,370' x 22'4"								
6	409	5,322	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 10,644.00	\$ 2.13	\$ 11,335.86
7	409	139	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,892.00	\$ 30.00	\$ 4,170.00
8	special	1,597	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 3,194.00	\$ 2.10	\$ 3,353.70
9	642	1.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 500.00	\$ 650.00	\$ 670.00
10	642	2.00	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 800.00	\$ 450.00	\$ 940.00
Road L (Road 18 to Road 17)								
5,467' x 21'3"								
11	409	5,163	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 10,326.00	\$ 2.13	\$ 10,997.19
12	409	135	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,780.00	\$ 29.50	\$ 3,982.50
13	special	1,549	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 3,098.00	\$ 2.10	\$ 3,252.90
14	642	1.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 500.00	\$ 650.00	\$ 670.00
15	642	2.00	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 800.00	\$ 450.00	\$ 940.00
Road L (Road 17 to Road 16)								
5,420' x 22'8"								
16	409	5,468	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 10,936.00	\$ 2.13	\$ 11,646.84
17	409	142	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,976.00	\$ 29.50	\$ 4,189.00
18	special	1,641	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 3,282.00	\$ 2.10	\$ 3,446.10
19	642	1.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 500.00	\$ 650.00	\$ 670.00
20	642	2.00	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 800.00	\$ 450.00	\$ 940.00
Road L (Road 16 to SR 108)								
5,375' x 21'								
21	409	5,017	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 10,034.00	\$ 2.13	\$ 10,686.21
22	409	131	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,668.00	\$ 29.50	\$ 3,864.50
23	special	1,505	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 3,010.00	\$ 2.10	\$ 3,160.50
24	642	1.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 500.00	\$ 650.00	\$ 670.00
25	642	2.00	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 800.00	\$ 450.00	\$ 940.00
Road L (SR 108 to SR 14)								
5,380' x 18'7"								
26	409	4,443	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 8,886.00	\$ 2.13	\$ 9,463.59
27	409	116	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,248.00	\$ 29.50	\$ 3,422.00
28	special	1,333	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,666.00	\$ 2.10	\$ 2,799.30
29	642	1.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 500.00	\$ 650.00	\$ 670.00
30	642	2.00	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 800.00	\$ 450.00	\$ 940.00

Road L (Road 14 to Road 13)										
5,400' x 22'7"										
31	409	5,419	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 10,838.00	\$ 2.13	\$ 11,542.47	\$ 2.10	\$ 11,379.90
32	409	141	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,948.00	\$ 29.50	\$ 4,159.50	\$ 30.00	\$ 4,230.00
33	special	1,626	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 3,252.00	\$ 2.10	\$ 3,414.60	\$ 2.00	\$ 3,252.00
34	642	1.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 500.00	\$ 650.00	\$ 650.00	\$ 670.00	\$ 670.00
35	642	2.00	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 800.00	\$ 450.00	\$ 900.00	\$ 470.00	\$ 940.00

Road L (Road 12 to Road 13)										
5,670' x 19'										
36	409	4,788	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 9,576.00	\$ 2.13	\$ 10,198.44	\$ 2.10	\$ 10,054.80
37	409	125	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,500.00	\$ 29.50	\$ 3,687.50	\$ 30.00	\$ 3,750.00
38	special	1,436	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,872.00	\$ 2.10	\$ 3,015.60	\$ 2.00	\$ 2,872.00
39	642	1.10	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 550.00	\$ 650.00	\$ 715.00	\$ 670.00	\$ 737.00
40	642	2.20	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 880.00	\$ 450.00	\$ 990.00	\$ 470.00	\$ 1,034.00

Road L (Road 10-2 to Road 12)										
8,290' x 18'5"										
41	409	6,787	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 13,574.00	\$ 2.13	\$ 14,456.31	\$ 2.10	\$ 14,252.70
42	409	177	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 4,956.00	\$ 29.50	\$ 5,221.50	\$ 30.00	\$ 5,310.00
43	special	2,036	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 4,072.00	\$ 2.10	\$ 4,275.60	\$ 2.00	\$ 4,072.00
44	642	1.60	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 800.00	\$ 650.00	\$ 1,040.00	\$ 670.00	\$ 1,072.00
45	642	3.20	mile	4" waterbased edgeline - type 1	\$ 400.00	\$ 1,280.00	\$ 450.00	\$ 1,440.00	\$ 470.00	\$ 1,504.00
46	103	1	Lump	Premium for Contract Performance & Maintenance Bond	\$ 540.00	\$ 540.00	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00
47	614	1	Lump	Maintaining Traffic for all Fulton County Sections	\$ 1,125.00	\$ 1,125.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00

Chesterfield Township

Road 13-1 (Road RS to SR 120)										
6,370' x 17'										
48	409	4,815	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 9,630.00	\$ 2.13	\$ 10,255.95	\$ 2.10	\$ 10,111.50
49	409	126	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 32.00	\$ 4,032.00	\$ 29.50	\$ 3,717.00	\$ 30.00	\$ 3,780.00
50	special	1,445	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,890.00	\$ 2.10	\$ 3,034.50	\$ 2.00	\$ 2,890.00

Road 16-3 (US 20 to Road S)										
5,280' x 20'										
51	409	4,695	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 9,390.00	\$ 2.13	\$ 10,000.35	\$ 2.10	\$ 9,859.50
52	409	122	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 32.00	\$ 3,904.00	\$ 29.50	\$ 3,599.00	\$ 30.00	\$ 3,660.00
53	special	1,410	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,820.00	\$ 2.10	\$ 2,961.00	\$ 2.00	\$ 2,820.00

Road 16-3 (Road S to Michigan Line)										
10,940' x 20'										
54	409	9,726	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 19,452.00	\$ 2.13	\$ 20,716.38	\$ 2.10	\$ 20,424.60
55	409	254	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 32.00	\$ 8,128.00	\$ 29.50	\$ 7,493.00	\$ 30.00	\$ 7,620.00
56	special	2,918	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 5,836.00	\$ 2.10	\$ 6,127.80	\$ 2.00	\$ 5,836.00

Road T (SR 108 to Township Line)										
3,326' x 18'										
57	409	2,662	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 5,324.00	\$ 2.13	\$ 5,670.06	\$ 2.10	\$ 5,590.20
58	409	70	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 32.00	\$ 2,240.00	\$ 29.50	\$ 2,065.00	\$ 30.00	\$ 2,100.00
59	special	800	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 1,600.00	\$ 2.10	\$ 1,680.00	\$ 2.00	\$ 1,600.00

Road 14 (SR 120 to Road U)										
4,600' x 18'										
60	408	3,220	GAL.	MC 30 Prime Coat, applied @ .35 Gallon / S.Y.	\$ 3.00	\$ 9,660.00	\$ 3.30	\$ 10,626.00	\$ 3.00	\$ 9,660.00
61	409	4,600	GAL.	Bituminous Material, HF RS2 @ 0.50 Gallon / S.Y.	\$ 2.00	\$ 9,200.00	\$ 2.13	\$ 9,798.00	\$ 2.10	\$ 9,660.00
62	409	4,140	GAL.	Bituminous Material, HF RS2 @ 0.45 Gallon / S.Y.	\$ 2.00	\$ 8,280.00	\$ 2.13	\$ 8,818.20	\$ 2.10	\$ 8,694.00
63	409	86	C.Y.	Washed No. 6 Cover Aggregate @ 22.5 Lbs. / S.Y.	\$ 35.00	\$ 3,010.00	\$ 32.00	\$ 2,752.00	\$ 30.00	\$ 2,580.00
64	409	96	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 32.00	\$ 3,072.00	\$ 29.50	\$ 2,832.00	\$ 30.00	\$ 2,880.00
65	special	1,104	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,208.00	\$ 2.10	\$ 2,318.40	\$ 2.00	\$ 2,208.00

66	103	1	Lump	Premium for Contract Performance & Maintenance Bond.....	\$ 290.00	\$ 290.00	\$ 600.00	\$ 600.00	\$ 2,500.00	\$ 2,500.00
67	614	1	Lump	Maintaining Traffic for all Chesterfield Township Sections.....	\$ 580.00	\$ 580.00	\$ 650.00	\$ 650.00	\$ 5,000.00	\$ 5,000.00

Dover Township

Road 18 (Road J to Road 17-3)

3,255' x 17'

78	409	2,460	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 4,920.00	\$ 2.13	\$ 5,239.80	\$ 2.10	\$ 5,166.00
79	409	64	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 32.00	\$ 2,048.00	\$ 30.00	\$ 1,920.00	\$ 30.00	\$ 1,920.00
80	special	738	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 1,476.00	\$ 2.10	\$ 1,549.80	\$ 2.00	\$ 1,476.00
81	642	0.60	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 300.00	\$ 650.00	\$ 390.00	\$ 670.00	\$ 402.00

Road HJ (Road 17 to Road 17-2)

3,140' x 19'

82	409	2,652	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 5,304.00	\$ 2.13	\$ 5,648.76	\$ 2.10	\$ 5,569.20
83	409	69	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 32.00	\$ 2,208.00	\$ 30.00	\$ 2,070.00	\$ 30.00	\$ 2,070.00
84	special	796	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 1,592.00	\$ 2.10	\$ 1,671.60	\$ 2.00	\$ 1,592.00
85	642	0.60	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 300.00	\$ 650.00	\$ 390.00	\$ 670.00	\$ 402.00

Road HJ (Road 18 to 19)

4,980' x 17'9"

86	409	3,929	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 7,858.00	\$ 2.13	\$ 8,368.77	\$ 2.10	\$ 8,250.90
87	409	104	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 32.00	\$ 3,328.00	\$ 30.00	\$ 3,120.00	\$ 30.00	\$ 3,120.00
88	special	1,179	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,358.00	\$ 2.10	\$ 2,475.90	\$ 2.00	\$ 2,358.00
89	642	0.90	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 450.00	\$ 650.00	\$ 585.00	\$ 670.00	\$ 603.00

90	103	1	Lump	Premium for Contract Performance & Maintenance Bond.....	\$ 100.00	\$ 100.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 500.00
91	614	1	Lump	Maintaining Traffic for all Dover Township Sections.....	\$ 200.00	\$ 200.00	\$ 350.00	\$ 350.00	\$ 2,500.00	\$ 2,500.00

Gorham Township

Road 22 (Bridge to Road N)

4,545' x 19'7"

102	409	3,955	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 7,910.00	\$ 2.13	\$ 8,424.15	\$ 2.10	\$ 8,305.50
103	409	103	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 33.00	\$ 3,399.00	\$ 30.00	\$ 3,090.00	\$ 30.00	\$ 3,090.00
104	special	1,187	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,374.00	\$ 2.10	\$ 2,492.70	\$ 2.00	\$ 2,374.00
105	642	0.90	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 450.00	\$ 650.00	\$ 585.00	\$ 670.00	\$ 603.00

Road 22 (Joint @ US 20 to 100' South of US 20)

100' x 22'

106	409	98	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 196.00	\$ 2.13	\$ 208.74	\$ 2.10	\$ 205.80
107	409	3	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 33.00	\$ 99.00	\$ 30.00	\$ 90.00	\$ 30.00	\$ 90.00
108	special	30	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 60.00	\$ 2.10	\$ 63.00	\$ 2.00	\$ 60.00
109	642	0.02	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 10.00	\$ 650.00	\$ 13.00	\$ 670.00	\$ 13.40

Road 21 (Road T to US 20)

8,175' x 19'7"

110	409	7,114	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 14,228.00	\$ 2.13	\$ 15,152.82	\$ 2.10	\$ 14,939.40
111	409	185	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 33.00	\$ 6,105.00	\$ 30.00	\$ 5,550.00	\$ 30.00	\$ 5,550.00
112	special	2,134	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 4,268.00	\$ 2.10	\$ 4,481.40	\$ 2.00	\$ 4,268.00
113	642	1.60	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 800.00	\$ 650.00	\$ 1,040.00	\$ 670.00	\$ 1,072.00

Road T (Road 22 to Road 23)

5,325' x 20'6"

114	409	4,852	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 9,704.00	\$ 2.13	\$ 10,334.76	\$ 2.10	\$ 10,189.20
115	409	126	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 33.00	\$ 4,158.00	\$ 30.00	\$ 3,780.00	\$ 30.00	\$ 3,780.00
116	special	1,456	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,912.00	\$ 2.10	\$ 3,057.60	\$ 2.00	\$ 2,912.00
117	642	1.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 500.00	\$ 650.00	\$ 650.00	\$ 670.00	\$ 670.00

118	103	1	Lump	Premium for Contract Performance & Maintenance Bond.....	\$ 170.00	\$ 170.00	\$ 350.00	\$ 350.00	\$ 1,500.00	\$ 1,500.00
119	614	1	Lump	Maintaining Traffic for all Gorham Township Sections.....	\$ 340.00	\$ 340.00	\$ 450.00	\$ 450.00	\$ 5,000.00	\$ 5,000.00

Royalton Township

Road 8 (Road S to Road T)

5,355' x 16'

120	409	3,808	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 7,616.00	\$ 2.13	\$ 8,111.04	\$ 2.10	\$ 7,996.80
121	409	100	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 2,800.00	\$ 29.50	\$ 2,950.00	\$ 30.00	\$ 3,000.00
122	special	1,143	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,286.00	\$ 2.10	\$ 2,400.30	\$ 2.00	\$ 2,286.00
123	642	1.01	mile	4" waterbased centerline - type 1	\$ 510.00	\$ 515.10	\$ 650.00	\$ 656.50	\$ 670.00	\$ 676.70

Road U (Road 12 to Township Line)

5,350' x 17'

124	409	4,043	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 8,086.00	\$ 2.13	\$ 8,611.59	\$ 2.10	\$ 8,490.30
125	409	106	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 2,968.00	\$ 29.50	\$ 3,127.00	\$ 30.00	\$ 3,180.00
126	special	1,213	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,426.00	\$ 2.10	\$ 2,547.30	\$ 2.00	\$ 2,426.00
127	642	1.01	mile	4" waterbased centerline - type 1	\$ 510.00	\$ 515.10	\$ 650.00	\$ 656.50	\$ 670.00	\$ 676.70

Road 12-2 (Road U to State Line)

310' x 14'

128	409	193	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 386.00	\$ 2.13	\$ 411.09	\$ 2.10	\$ 405.30
129	409	5	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 140.00	\$ 29.50	\$ 147.50	\$ 30.00	\$ 150.00
130	special	58	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 116.00	\$ 2.10	\$ 121.80	\$ 2.00	\$ 116.00
131	642	0.06	mile	4" waterbased centerline - type 1	\$ 510.00	\$ 30.60	\$ 650.00	\$ 39.00	\$ 670.00	\$ 40.20

Road N (SR 109 to Road 8)

5,360' x 18'

132	409	4,288	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 8,576.00	\$ 2.13	\$ 9,133.44	\$ 2.10	\$ 9,004.80
133	409	112	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,136.00	\$ 29.50	\$ 3,304.00	\$ 30.00	\$ 3,360.00
134	special	1,287	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,574.00	\$ 2.10	\$ 2,702.70	\$ 2.00	\$ 2,574.00
135	642	1.02	mile	4" waterbased centerline - type 1	\$ 510.00	\$ 520.20	\$ 650.00	\$ 663.00	\$ 670.00	\$ 683.40

Road N (SR 109 to Road 10)

5,360' x 18'

136	202	100	S.Y.	Pavement grinding of butt joints	\$ 5.00	\$ 500.00	\$ 3.00	\$ 300.00	\$ 5.00	\$ 500.00
137	405	644	TON	Cold mix bituminous 1.5" # 57 leveling course	\$ 85.00	\$ 54,740.00	\$ 85.00	\$ 54,740.00	\$ 85.00	\$ 54,740.00
138	405	428	TON	Cold mix bituminous 1" # 8 surface course	\$ 86.00	\$ 36,808.00	\$ 90.00	\$ 38,520.00	\$ 85.00	\$ 36,380.00
139	405	47	TON	Choke for cold mix overlay surface @ 12lbs. / S.Y. - with #9 sto	\$ 50.00	\$ 2,350.00	\$ 35.00	\$ 1,645.00	\$ 30.00	\$ 1,410.00
140	617	125	C.Y.	Aggregate shoulder reconditioning, 1'6" width x 2'6" depth	\$ 70.00	\$ 8,750.00	\$ 55.00	\$ 6,875.00	\$ 40.00	\$ 5,000.00
141	642	1.02	mile	4" waterbased centerline - type 1	\$ 510.00	\$ 520.20	\$ 650.00	\$ 663.00	\$ 670.00	\$ 683.40
142	103	1	Lump	Premium for Contract Performance & Maintenance Bond.....	\$ 205.00	\$ 205.00	\$ 800.00	\$ 800.00	\$ 1,000.00	\$ 1,000.00
143	614	1	Lump	Maintaining Traffic for all Royalton Township Sections.....	\$ 409.80	\$ 409.80	\$ 850.00	\$ 850.00	\$ 3,500.00	\$ 3,500.00

Swanecreek Township

Road 5-2 (Road A to Road B)

5,375' x 15'7"

144	409	3,722	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 7,444.00	\$ 2.13	\$ 7,927.86	\$ 2.10	\$ 7,816.20
145	409	97	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 31.50	\$ 3,055.50	\$ 29.50	\$ 2,861.50	\$ 30.00	\$ 2,910.00
146	special	1,117	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,234.00	\$ 2.10	\$ 2,345.70	\$ 2.00	\$ 2,234.00
147	642	1.00	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 500.00	\$ 650.00	\$ 650.00	\$ 670.00	\$ 670.00

Road FG (Road4 to Road 5)

5,490' x 17'7"

148	409	4,290	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 8,580.00	\$ 2.13	\$ 9,137.70	\$ 2.10	\$ 9,009.00
149	409	112	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 31.50	\$ 3,528.00	\$ 29.50	\$ 3,304.00	\$ 30.00	\$ 3,360.00
150	special	1,287	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,574.00	\$ 2.10	\$ 2,702.70	\$ 2.00	\$ 2,574.00

Road 4 (Road E to Road H)

16,155' x 18'

151	409	12,924	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 25,848.00	\$ 2.13	\$ 27,528.12	\$ 2.10	\$ 27,140.40
152	409	337	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 31.50	\$ 10,615.50	\$ 29.50	\$ 9,941.50	\$ 30.00	\$ 10,110.00
153	special	3,877	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 7,754.00	\$ 2.10	\$ 8,141.70	\$ 2.00	\$ 7,754.00
154	642	3.10	mile	4" waterbased centerline - type 1	\$ 500.00	\$ 1,550.00	\$ 650.00	\$ 2,015.00	\$ 670.00	\$ 2,077.00
155	103	1	Lump	Premium for Contract Performance & Maintenance Bond.....	\$ 255.00	\$ 255.00	\$ 400.00	\$ 400.00	\$ 1,500.00	\$ 1,500.00
156	614	1	Lump	Maintaining Traffic for all Swancreek Township Sections.....	\$ 510.00	\$ 510.00	\$ 500.00	\$ 500.00	\$ 5,000.00	\$ 5,000.00

Village of Lyons

Kennedy Street (N. Adrian to West Street)

1,122' x 20'

157	409	873	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ 2.00	\$ 1,746.00	\$ 2.20	\$ 1,920.60	\$ 2.10	\$ 1,833.30
158	409	24	C.Y.	Washed No. 9 Cover Aggregate @ 22.5 Lbs. / S.Y.	\$ 28.00	\$ 672.00	\$ 32.00	\$ 768.00	\$ 30.00	\$ 720.00
159	special	300	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 600.00	\$ 2.10	\$ 630.00	\$ 2.00	\$ 600.00

West Street (Noble Street to Kennedy Street)

287' x 20'

160	409	223	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ 2.00	\$ 446.00	\$ 2.20	\$ 490.60	\$ 2.10	\$ 468.30
161	409	6	C.Y.	Washed No. 9 Cover Aggregate @ 22.5 Lbs. / S.Y.	\$ 28.00	\$ 168.00	\$ 32.00	\$ 192.00	\$ 30.00	\$ 180.00
162	special	77	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 154.00	\$ 2.10	\$ 161.70	\$ 2.00	\$ 154.00

Noble Street (W. Morenci to Eagle Street)

327' x 20'

163	409	255	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ 2.00	\$ 510.00	\$ 2.20	\$ 561.00	\$ 2.10	\$ 535.50
164	409	7	C.Y.	Washed No. 9 Cover Aggregate @ 22.5 Lbs. / S.Y.	\$ 28.00	\$ 196.00	\$ 32.00	\$ 224.00	\$ 30.00	\$ 210.00
165	special	88	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 176.00	\$ 2.10	\$ 184.80	\$ 2.00	\$ 176.00

Fairview Street (S. Adrian to Hinkle Street)

473' x 20'

166	409	368	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ 2.00	\$ 736.00	\$ 2.20	\$ 809.60	\$ 2.10	\$ 772.80
167	409	10	C.Y.	Washed No. 9 Cover Aggregate @ 22.5 Lbs. / S.Y.	\$ 28.00	\$ 280.00	\$ 32.00	\$ 320.00	\$ 30.00	\$ 300.00
168	special	126	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 252.00	\$ 2.10	\$ 264.60	\$ 2.00	\$ 252.00

Maple Street (Lincoln Street to Community Park)

899' x 20'

169	409	700	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ 2.00	\$ 1,400.00	\$ 2.20	\$ 1,540.00	\$ 2.10	\$ 1,470.00
170	409	19	C.Y.	Washed No. 9 Cover Aggregate @ 22.5 Lbs. / S.Y.	\$ 28.00	\$ 532.00	\$ 32.00	\$ 608.00	\$ 30.00	\$ 570.00
171	special	240	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 480.00	\$ 2.10	\$ 504.00	\$ 2.00	\$ 480.00

Sawmill Street (W. Morenci to Dead End)

860' x 17'

172	409	570	GAL.	Bituminous Material, HF RS2 @ 0.35 Gallon / S.Y.	\$ 2.00	\$ 1,140.00	\$ 2.20	\$ 1,254.00	\$ 2.10	\$ 1,197.00
173	409	15	C.Y.	Washed No. 9 Cover Aggregate @ 22.5 Lbs. / S.Y.	\$ 28.00	\$ 420.00	\$ 32.00	\$ 480.00	\$ 30.00	\$ 450.00
174	special	195	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 390.00	\$ 2.10	\$ 409.50	\$ 2.00	\$ 390.00
175	103	1	Lump	Premium for Contract Performance & Maintenance Bond.....	\$ 40.00	\$ 40.00	\$ 100.00	\$ 100.00	\$ 1,000.00	\$ 1,000.00
176	614	1	Lump	Maintaining Traffic for all Village of Lyons Sections.....	\$ 80.00	\$ 80.00	\$ 900.00	\$ 900.00	\$ 4,000.00	\$ 4,000.00

York Township

Road E (Road 9 to Road 10)

5,452' x 22'7"

177	409	5,472	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 10,944.00	\$ 2.13	\$ 11,655.36	\$ 2.10	\$ 11,491.20
178	409	144	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 4,032.00	\$ 29.50	\$ 4,248.00	\$ 30.00	\$ 4,320.00
179	special	1,642	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 3,284.00	\$ 2.10	\$ 3,448.20	\$ 2.00	\$ 3,284.00

Road E (SR 10 to Road 11)

5,337' x 21'3"

180	409	5,041	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 10,082.00	\$ 2.13	\$ 10,737.33	\$ 2.10	\$ 10,586.10
181	409	132	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,696.00	\$ 29.50	\$ 3,894.00	\$ 30.00	\$ 3,960.00
182	special	1,512	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 3,024.00	\$ 2.10	\$ 3,175.20	\$ 2.00	\$ 3,024.00

Road E (Road 11 to SR 12)

5,452' x 19'8"

183	409	4,767	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 9,534.00	\$ 2.13	\$ 10,153.71	\$ 2.10	\$ 10,010.70
184	409	125	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,500.00	\$ 29.50	\$ 3,687.50	\$ 30.00	\$ 3,750.00
185	special	1,430	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,860.00	\$ 2.10	\$ 3,003.00	\$ 2.00	\$ 2,860.00

Road E (Road 12 to Road 13)

5,330' x 21'

186	409	4,975	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 9,950.00	\$ 2.13	\$ 10,596.75	\$ 2.10	\$ 10,447.50
187	409	130	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,640.00	\$ 29.50	\$ 3,835.00	\$ 30.00	\$ 3,900.00
188	special	1,493	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,986.00	\$ 2.10	\$ 3,135.30	\$ 2.00	\$ 2,986.00

Road 10 (SR 2 to Road H)

5,320' x 24'3"

189	409	5,734	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 11,468.00	\$ 2.13	\$ 12,213.42	\$ 2.10	\$ 12,041.40
190	409	150	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 4,200.00	\$ 29.50	\$ 4,425.00	\$ 30.00	\$ 4,500.00
191	special	1,720	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 3,440.00	\$ 2.10	\$ 3,612.00	\$ 2.00	\$ 3,440.00

Road 10 (Road A to Road B)

5,345' x 20'

192	409	4,751	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 9,502.00	\$ 2.13	\$ 10,119.63	\$ 2.10	\$ 9,977.10
193	409	124	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,472.00	\$ 29.50	\$ 3,658.00	\$ 30.00	\$ 3,720.00
194	special	1,426	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,852.00	\$ 2.10	\$ 2,994.60	\$ 2.00	\$ 2,852.00

Road 10-2 (South of Road E)

1,945' x 11'6"

195	409	994	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 1,988.00	\$ 2.13	\$ 2,117.22	\$ 2.10	\$ 2,087.40
196	409	26	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 728.00	\$ 29.50	\$ 767.00	\$ 30.00	\$ 780.00
197	special	298	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 596.00	\$ 2.10	\$ 625.80	\$ 2.00	\$ 596.00

Road 12 (South of Road E)

2,530' x 19'

198	409	2,137	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 4,274.00	\$ 2.13	\$ 4,551.81	\$ 2.10	\$ 4,487.70
199	409	57	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 1,596.00	\$ 29.50	\$ 1,681.50	\$ 30.00	\$ 1,710.00
200	special	641	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 1,282.00	\$ 2.10	\$ 1,346.10	\$ 2.00	\$ 1,282.00

Road 9 (Road A to Road B)

5,380' x 17'9"

201	409	4,244	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 8,488.00	\$ 2.13	\$ 9,039.72	\$ 2.10	\$ 8,912.40
202	409	112	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,136.00	\$ 29.50	\$ 3,304.00	\$ 30.00	\$ 3,360.00
203	special	1,273	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,546.00	\$ 2.10	\$ 2,673.30	\$ 2.00	\$ 2,546.00

Road 9 (Road B to Road C)

5,210' x 17'8"

204	409	4,092	GAL.	Bituminous Material, HF RS2 @ 0.40 Gallon / S.Y.	\$ 2.00	\$ 8,184.00	\$ 2.13	\$ 8,715.96	\$ 2.00	\$ 8,184.00
205	409	108	C.Y.	Washed No. 8 Cover Aggregate @ 25 Lbs. / S.Y.	\$ 28.00	\$ 3,024.00	\$ 29.50	\$ 3,186.00	\$ 30.00	\$ 3,240.00
206	special	1,228	GAL.	Fog Seal, SS 1H @ 0.12 Gallon / S.Y.	\$ 2.00	\$ 2,456.00	\$ 2.10	\$ 2,578.80	\$ 2.00	\$ 2,456.00

207	103	1	Lump	Premium for Contract Performance & Maintenance Bond.....	\$ 450.00	\$ 450.00	\$ 800.00	\$ 800.00	\$ 2,000.00	\$ 2,000.00
208	614	1	Lump	Maintaining Traffic for all York Township Sections.....	\$ 900.00	\$ 900.00	\$ 800.00	\$ 800.00	\$ 2,000.00	\$ 2,000.00

TOTAL AMOUNT = \$ 761,588.00 \$ 799,434.90 \$ 819,909.50
 percent difference from Engineer's estimate 4.97% 7.66%