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March 31, 2020

MRSTX 19022

Sent Via Email and Regular Mail
tmerchel@moorestown.nj.us

Thomas Merchel, Township Manager
Township of Moorestown
111 West Second Street
Moorsetown, NJ 08057

**RE: Township of Moorestown
2018-2019 Overlay Program
Contract No. MRSTX 19022
Bid Recommendation**

Dear Tom:

On March 25, 2020 the Township received bids on the above referenced project. A total of four (4) contractors submitted proposals for the Base Bid and all six (6) Add Alternates. The qualifying bids ranged from \$3,102,019.70 for the Base Bid only to \$8,275,995.00 for the Base Bid plus all six (6) Add Alternates. The bid tabulation is enclosed.

We understand that the project will include the Base Bid plus all six (6) Add Alternates. The low bidder, P&A Construction, Inc., has requested to withdraw their bid due to mathematical errors (their bid did not include profit and overhead). We understand that the township's legal counsel is recommending that the governing body accept the request to withdraw the bid. Provided the governing body accepts the request, the next low bidder for the Base Bid and all six (6) Add Alternates is Black Rock Enterprises, LLC of Old Bridge, NJ. We checked their references and Black Rock Enterprises, LLC has successfully completed similar projects in the past.

We recommend that the 2018-2019 Overlay Program project be awarded to Black Rock Enterprises, LLC (Base Bid plus all six Add Alternates) for the low bid amount of \$5,296,529.55.

Our recommendation is contingent upon the availability of funds. Please feel free to contact us with any questions.

Sincerely,

PENNONI ASSOCIATES INC.

Hugh J. Dougherty, PE, CME
Township Engineer

Kenneth J. Shine
Project Manager

Enclosure

cc: Douglas Nims, Public Works Director
Patricia Hunt, RMC

MRSTX 19022 – 2018/2019 Overlay Program
BID DATE - Wednesday, March 25, 2020

BID ITEM						Engineer's Estimate				P & A Construction, Inc PO Box 28 Colonia, NJ 07067		Black Rock Enterprise 1316 Englishtown Rd. Old Bridge, NJ 08857		RE Pierson Construction PO Box 430, 426 Swedesboro Rd. Piles Grove, NJ 08098		Loftus Construction 1903 Taylors Lane Piles Grove, NJ 08098	
Item #	Description	Quantity		Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
BASE BID																	
General																	
1	Mobilization	1	LS	\$60,000.00	\$60,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$100,000.00	\$100,000.00	\$325,000.00	\$325,000.00				
2	Performance and Payment Bond	1	LS	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00	\$33,000.00	\$33,000.00	\$40,000.00	\$40,000.00				
3	Maintenance and Protection of Traffic	1	LS	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$175,000.00	\$175,000.00	\$105,650.00	\$105,650.00	\$200,000.00	\$200,000.00				
4	Soil Erosion and Sediment Control	1	LS	\$10,000.00	\$10,000.00	\$2,750.00	\$2,750.00	\$2,500.00	\$2,500.00	\$20,000.00	\$20,000.00	\$75,000.00	\$75,000.00				
5	Asphalt Price Adjustment	1	LS	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00				
6	Fuel Price Adjustment	1	LS	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00				
General Sub-Total					\$190,000.00		\$227,750.00		\$367,500.00		\$338,650.00		\$720,000.00				
2018																	
7	Dense Graded Aggregate, 6" Thick	400	SY	\$11.00	\$4,400.00	\$8.00	\$3,200.00	\$8.00	\$3,200.00	\$25.00	\$10,000.00	\$37.00	\$14,800.00				
8	Excavation Unclassified, 13" Depth	400	SY	\$20.00	\$8,000.00	\$12.00	\$4,800.00	\$12.50	\$5,000.00	\$31.00	\$12,400.00	\$35.00	\$14,000.00				
9	Pavement Milling, 2" Depth	66,600	SY	\$5.00	\$333,000.00	\$2.75	\$183,150.00	\$3.75	\$249,750.00	\$4.30	\$286,380.00	\$5.00	\$333,000.00				
10	Pavement Milling, 3" Depth	2,100	SY	\$5.50	\$11,550.00	\$3.75	\$7,875.00	\$5.00	\$10,500.00	\$7.20	\$15,120.00	\$6.00	\$12,600.00				
11	HMA Pavement Repair 19M64 Base Course, 5" Thick	3,400	SY	\$30.00	\$102,000.00	\$25.00	\$85,000.00	\$40.00	\$136,000.00	\$34.00	\$115,600.00	\$47.00	\$159,800.00				
12	HMA Asphalt 9.5M64 Leveling Course, Var. thk.	100	Tons	\$90.00	\$9,000.00	\$79.00	\$7,900.00	\$90.00	\$9,000.00	\$50.00	\$5,000.00	\$120.00	\$12,000.00				
13	HMA Asphalt 9.5M64 Surface Course, 2" thk.	52,800	SY	\$12.50	\$660,000.00	\$10.00	\$528,000.00	\$11.20	\$591,360.00	\$12.40	\$654,720.00	\$16.00	\$844,800.00				
14	HMA Asphalt 12.5M64 Surface Course, 2" thk.	14,250	SY	\$14.00	\$199,500.00	\$10.00	\$142,500.00	\$11.20	\$159,600.00	\$11.00	\$156,750.00	\$15.00	\$213,750.00				
15	HMA Asphalt 12.5M64 Surface Course, 3" thk.	2,050	SY	\$17.00	\$34,850.00	\$15.00	\$30,750.00	\$16.00	\$32,800.00	\$22.00	\$45,100.00	\$24.00	\$49,200.00				
16	HMA Asphalt 19M64 Base Course, 5" thk.	400	SY	\$20.00	\$8,000.00	\$22.00	\$8,800.00	\$50.00	\$20,000.00	\$45.00	\$18,000.00	\$55.00	\$22,000.00				
17	Replacement Concrete Sidewalk, 4 thk.	1,000	SY	\$85.00	\$85,000.00	\$86.00	\$86,000.00	\$75.00	\$75,000.00	\$77.00	\$77,000.00	\$150.00	\$150,000.00				
18	Replacement Concrete Vertical Curb	2,400	LF	\$30.00	\$72,000.00	\$34.50	\$82,800.00	\$30.00	\$72,000.00	\$43.00	\$103,200.00	\$105.00	\$252,000.00				
19	Concrete Sidewalk, 4" thk.	100	SY	\$80.00	\$8,000.00	\$84.00	\$8,400.00	\$70.00	\$7,000.00	\$88.00	\$8,800.00	\$150.00	\$15,000.00				
20	Replacement Monolithic Concrete Curb & Gutter	100	LF	\$40.00	\$4,000.00	\$50.00	\$5,000.00	\$40.00	\$4,000.00	\$56.00	\$5,600.00	\$120.00	\$12,000.00				
21	Replacement Concrete Driveway Apron, 6" thk. (Reinf.)	300	SY	\$85.00	\$25,500.00	\$100.00	\$30,000.00	\$85.00	\$25,500.00	\$96.00	\$28,800.00	\$225.00	\$67,500.00				
22	Detectable Warning Surface	100	SY	\$500.00	\$50,000.00	\$90.00	\$9,000.00	\$350.00	\$35,000.00	\$280.00	\$28,000.00	\$400.00	\$40,000.00				
23	6"x8"x18" Concrete Vertical Curb	100	LF	\$35.00	\$3,500.00	\$34.00	\$3,400.00	\$30.00	\$3,000.00	\$43.00	\$4,300.00	\$125.00	\$12,500.00				
24	Traffic Stripes, Thermoplastic, 4" Wide	6,100	LF	\$1.00	\$6,100.00	\$0.60	\$3,660.00	\$0.65	\$3,965.00	\$0.88	\$5,368.00	\$1.50	\$9,150.00				
25	Traffic Stripes, Thermoplastic, 8" Wide	3,800	LF	\$2.00	\$7,600.00	\$1.25	\$4,750.00	\$1.35	\$5,130.00	\$1.60	\$6,080.00	\$2.00	\$7,600.00				
26	Traffic Stripes, Thermoplastic, 16" Wide	100	LF	\$3.00	\$300.00	\$2.50	\$250.00	\$2.50	\$250.00	\$3.60	\$360.00	\$5.00	\$500.00				
27	Traffic Stripes, Thermoplastic, 24" Wide	1,000	LF	\$4.00	\$4,000.00	\$3.75	\$3,750.00	\$3.65	\$3,650.00	\$5.40	\$5,400.00	\$7.00	\$7,000.00				
28	Pavement Marking, Thermoplastic	300	SF	\$6.00	\$1,800.00	\$6.75	\$2,025.00	\$6.60	\$1,980.00	\$6.85	\$2,055.00	\$8.00	\$2,400.00				
29	Bi-Directional Raised Pavement Markers	25	UN	\$50.00	\$1,250.00	\$125.00	\$3,125.00	\$110.00	\$2,750.00	\$74.75	\$1,868.75	\$90.00	\$2,250.00				
30	No Bid Item	0	UN	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00				
31	No Bid Item	0	UN	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00				
32	Bicycle Safe Grate 'ECO'	75	UN	\$400.00	\$30,000.00	\$215.00	\$16,125.00	\$350.00	\$26,250.00	\$430.00	\$32,250.00	\$1,500.00	\$112,500.00				
33	Inlet Head, Type 'N-ECO'	50	UN	\$400.00	\$20,000.00	\$215.00	\$10,750.00	\$400.00	\$20,000.00	\$410.00	\$20,500.00	\$1,100.00	\$55,000.00				
34	Inlet Repair	65	UN	\$3,200.00	\$208,000.00	\$800.00	\$52,000.00	\$1,700.00	\$110,500.00	\$1,000.00	\$65,000.00	\$1,000.00	\$65,000.00				
35	Inlet, Type 'A', 0' to 6' Depth	2	UN	\$4,000.00	\$8,000.00	\$2,725.00	\$5,450.00	\$3,500.00	\$7,000.00	\$6,000.00	\$12,000.00	\$5,400.00	\$10,800.00				
36	Inlet, Type 'B', 0' to 6' Depth	3	UN	\$4,500.00	\$13,500.00	\$3,300.00	\$9,900.00	\$4,500.00	\$13,500.00	\$6,500.00	\$19,500.00	\$5,700.00	\$17,100.00				
37	Inlet, Type 'B' (Doghouse, 0' to 6' Depth	1	UN	\$5,500.00	\$5,500.00	\$3,600.00	\$3,600.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$5,700.00	\$5,700.00				
38	Remove and Replace w/15" RCP, CL-IV	38	LF	\$160.00	\$6,080.00	\$132.50	\$5,035.00	\$150.00	\$5,700.00	\$220.00	\$8,360.00	\$135.00	\$5,130.00				
39	4" PVC Sump Pump Lateral Connection with Cleanout	20	UN	\$1,750.00	\$35,000.00	\$575.00	\$11,500.00	\$500.00	\$10,000.00	\$1,900.00	\$38,000.00	\$1,500.00	\$30,000.00				
40	Underdrain Type 'F', with 6" HDPE, Type 'S'	800	LF	\$65.00	\$52,000.00	\$40.00	\$32,000.00	\$45.00	\$36,000.00	\$90.00	\$72,000.00	\$30.00	\$24,000.00				
41	Underdrain Type 'F', with 12" HDPE, Type 'S'	350	LF	\$80.00	\$28,000.00	\$54.00	\$18,900.00	\$55.00	\$19,250.00	\$110.00	\$38,500.00	\$70.00	\$24,500.00				



42	Root Curring and Jet Cleaning (If and Where Directed)	200	LF	\$15.00	\$3,000.00	\$27.50	\$5,500.00	\$25.00	\$5,000.00	\$20.00	\$4,000.00	\$65.00	\$13,000.00
43	No Bid Item	0	UN	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
44	No Bid Item	0	UN	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
45	Delineators	15	UN	\$25.00	\$375.00	\$85.00	\$1,275.00	\$200.00	\$3,000.00	\$75.00	\$1,125.00	\$90.00	\$1,350.00
46	Sign and Post (W10-4)	3	UN	\$450.00	\$1,350.00	\$275.00	\$825.00	\$330.00	\$990.00	\$250.00	\$750.00	\$300.00	\$900.00
47	Sign and Post (R8-10a)	2	UN	\$450.00	\$900.00	\$175.00	\$350.00	\$330.00	\$660.00	\$250.00	\$500.00	\$180.00	\$360.00
48	Topsoil, 4" thk., Fertilizer, Seed & Mulch	1,000	SY	\$7.50	\$7,500.00	\$7.50	\$7,500.00	\$7.00	\$7,000.00	\$10.00	\$10,000.00	\$12.00	\$12,000.00
49	No Bid Item	0	UN	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
50	6" HDPE Pipe, Type 'SP' (In Stone Bed)	10	LF	\$80.00	\$800.00	\$40.00	\$400.00	\$50.00	\$500.00	\$110.00	\$1,100.00	\$95.00	\$950.00
51	Subbase Outlet Drain	80	LF	\$90.00	\$7,200.00	\$10.00	\$800.00	\$50.00	\$4,000.00	\$170.00	\$13,600.00	\$95.00	\$7,600.00
2018 Sub-Total					\$2,066,555.00		\$1,426,045.00		\$1,730,785.00		\$1,939,586.75		\$2,639,740.00
2019													
52	Variable Depth Mill, Minimum 2" Thick	37,363	SY	\$5.00	\$186,815.00	\$2.75	\$102,748.25	\$3.75	\$140,111.25	\$4.20	\$156,924.60	\$4.00	\$149,452.00
53	Excavation, Grade, Compact, Remove Excess	5,790	SY	\$20.00	\$115,800.00	\$10.00	\$57,900.00	\$12.00	\$69,480.00	\$20.00	\$115,800.00	\$33.00	\$191,070.00
54	Paved Trench Restoration (6" Thick DGA, 4" Thick Base Course, 2" Thick HMA9.5M64 Surface Course)	702	SF	\$75.00	\$52,650.00	\$1.00	\$702.00	\$55.00	\$38,610.00	\$11.00	\$7,722.00	\$17.00	\$11,934.00
55	Grass Trench Restoration	134	SY	\$20.00	\$2,680.00	\$7.50	\$1,005.00	\$25.00	\$3,350.00	\$30.00	\$4,020.00	\$24.00	\$3,216.00
56	HMA 9.5M64 Surface Course, 2" Thick	43,153	SY	\$13.00	\$560,989.00	\$10.00	\$431,530.00	\$11.25	\$485,471.25	\$11.50	\$496,259.50	\$15.00	\$647,295.00
57	HMA 9.5M64 Surface Course, 2" Thick (Township)	345	SY	\$13.00	\$4,485.00	\$12.00	\$4,140.00	\$12.00	\$4,140.00	\$190.00	\$65,550.00	\$18.00	\$6,210.00
58	HMA 9.5M64 Surface Course, 2" Thick (County)	203	SY	\$15.00	\$3,045.00	\$13.50	\$2,740.50	\$12.00	\$2,436.00	\$190.00	\$38,570.00	\$17.00	\$3,451.00
59	HMA 19M64 Base Course, 4" Thick	5,844	SY	\$19.00	\$111,036.00	\$18.50	\$108,114.00	\$22.00	\$128,568.00	\$20.00	\$116,880.00	\$25.00	\$146,100.00
60	HMA 19M64 Base Course, 4" Thick (Township)	345	SY	\$19.00	\$6,555.00	\$18.50	\$6,382.50	\$50.00	\$17,250.00	\$65.00	\$22,425.00	\$27.00	\$9,315.00
61	HMA 19M64 Base Course, 9" Thick (County)	205	SY	\$45.00	\$9,225.00	\$42.00	\$8,610.00	\$65.00	\$13,325.00	\$86.00	\$17,630.00	\$55.00	\$11,275.00
62	20:1 Mix, 6" Thick (Township)	345	SY	\$30.00	\$10,350.00	\$16.00	\$5,520.00	\$55.00	\$18,975.00	\$85.00	\$29,325.00	\$12.00	\$4,140.00
63	20:1 Mix, 8" Thick (Township)	205	SY	\$32.00	\$6,560.00	\$22.00	\$4,510.00	\$75.00	\$15,375.00	\$97.00	\$19,885.00	\$15.00	\$3,075.00
64	DGA, 6" Thick	5,844	SY	\$11.00	\$64,284.00	\$8.00	\$46,752.00	\$8.00	\$46,752.00	\$12.00	\$70,128.00	\$33.00	\$192,852.00
65	Base Repair, 8" Thick	4,001	SY	\$40.00	\$160,040.00	\$42.00	\$168,042.00	\$58.00	\$232,058.00	\$45.00	\$180,045.00	\$58.00	\$232,058.00
66	Asphalt Curb	10	LF	\$30.00	\$300.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$150.00	\$1,500.00	\$30.00	\$300.00
67	Vertical Concrete Curb (Remove and Replace, if and where directed)	2,077	LF	\$35.00	\$72,695.00	\$34.50	\$71,656.50	\$30.00	\$62,310.00	\$56.00	\$116,312.00	\$105.00	\$218,085.00
68	Concrete Sidewalk, 4" Thick	29	SY	\$80.00	\$2,320.00	\$84.00	\$2,436.00	\$80.00	\$2,320.00	\$100.00	\$2,900.00	\$250.00	\$7,250.00
69	Concrete Driveway Apron Complete, 6" Thick (Includes Depressed Curb) As Shown and If and Where Directed	230	SF	\$16.00	\$3,680.00	\$11.00	\$2,530.00	\$10.00	\$2,300.00	\$96.00	\$22,080.00	\$35.00	\$8,050.00
70	Concrete Gutter	135	LF	\$35.00	\$4,725.00	\$42.50	\$5,737.50	\$45.00	\$6,075.00	\$60.00	\$8,100.00	\$80.00	\$10,800.00
71	Monolithic Concrete Gutter and Curb	478	SF	\$40.00	\$19,120.00	\$42.50	\$20,315.00	\$40.00	\$19,120.00	\$53.00	\$25,334.00	\$135.00	\$64,530.00
72	ADA Curb Ramp with Detectable Warning Surface, Complete (Includes removal, replacement, curbs, sidewalks, restorations, and turf/grass replacement)	24	UN	\$2,500.00	\$60,000.00	\$2,750.00	\$66,000.00	\$2,800.00	\$67,200.00	\$3,200.00	\$76,800.00	\$11,000.00	\$264,000.00
73	Install Curb Parking Spot (Concrete) w/ Signs and Markings	1	UN	\$5,000.00	\$5,000.00	\$5,100.00	\$5,100.00	\$3,500.00	\$3,500.00	\$850.00	\$850.00	\$8,500.00	\$8,500.00
74	18" RCP Includes Paved Trench Restoration (6" Thick DGA, 6" Thick Base Course) and Turf Restoration	290	LF	\$205.00	\$59,450.00	\$125.00	\$36,250.00	\$175.00	\$50,750.00	\$850.00	\$246,500.00	\$200.00	\$58,000.00
75	24" RCP, Class III	356	LF	\$150.00	\$53,400.00	\$90.00	\$32,040.00	\$150.00	\$53,400.00	\$105.00	\$37,380.00	\$175.00	\$62,300.00
76	24" RCP, Class IV	385	LF	\$180.00	\$69,300.00	\$90.00	\$34,650.00	\$155.00	\$59,675.00	\$107.00	\$41,195.00	\$180.00	\$69,300.00
77	15" RCP, Class IV	38	LF	\$110.00	\$4,180.00	\$125.00	\$4,750.00	\$100.00	\$3,800.00	\$275.00	\$10,450.00	\$75.00	\$2,850.00
78	6" HDPE Sump Header with Stone Bedding and Fittings	1,504	LF	\$35.00	\$52,640.00	\$42.00	\$63,168.00	\$40.00	\$60,160.00	\$115.00	\$172,960.00	\$83.00	\$124,832.00
79	Lateral with Sump Cleanout	12	EA	\$1,000.00	\$12,000.00	\$575.00	\$6,900.00	\$1,500.00	\$18,000.00	\$2,300.00	\$27,600.00	\$1,500.00	\$18,000.00



80	Header Sump Cleanout in Pavement	8	EA	\$500.00	\$4,000.00	\$1,000.00	\$8,000.00	\$750.00	\$6,000.00	\$1,145.00	\$9,160.00	\$600.00	\$4,800.00
81	Type 'B' Inlet with Eco Head and Bicycle-safe grate	5	UN	\$3,000.00	\$15,000.00	\$4,000.00	\$20,000.00	\$5,000.00	\$25,000.00	\$6,500.00	\$32,500.00	\$5,700.00	\$28,500.00
82	Reconstruct Inlet, Install Eco-Heads, Type 'N' and Bicycle-safe Grates on Inlets	7	UN	\$4,000.00	\$28,000.00	\$1,575.00	\$11,025.00	\$3,500.00	\$24,500.00	\$2,500.00	\$17,500.00	\$1,800.00	\$12,600.00
83	Reset Inlet, Replace "B" Inlet Casting with New Frame, "ECO" Head, and Bicycle-Safe Grate (Includes Restorations)	58	UN	\$1,000.00	\$58,000.00	\$1,350.00	\$78,300.00	\$2,200.00	\$127,600.00	\$845.00	\$49,010.00	\$1,950.00	\$113,100.00
84	Reset Inlet, Replace "E" Inlet Casting with New Frame, and Bicycle-Safe Grate (Includes Restorations)	2	UN	\$1,000.00	\$2,000.00	\$1,450.00	\$2,900.00	\$1,500.00	\$3,000.00	\$430.00	\$860.00	\$1,650.00	\$3,300.00
85	Pavement Marking and Lane Arrows/Striping	158	SF	\$6.00	\$948.00	\$22.00	\$3,476.00	\$22.00	\$3,476.00	\$7.00	\$1,106.00	\$8.00	\$1,264.00
86	Thermoplastic Striping, White, 4" Wide	1,162	LF	\$1.00	\$1,162.00	\$0.60	\$697.20	\$0.65	\$755.30	\$1.00	\$1,162.00	\$1.50	\$1,743.00
87	Thermoplastic Striping, White, 8" Wide	1,157	LF	\$2.00	\$2,314.00	\$1.25	\$1,446.25	\$1.35	\$1,561.95	\$1.50	\$1,735.50	\$2.00	\$2,314.00
88	Thermoplastic Striping, White, 24" Wide	252	LF	\$4.00	\$1,008.00	\$3.75	\$945.00	\$3.65	\$919.80	\$5.50	\$1,386.00	\$7.00	\$1,764.00
89	Thermoplastic Striping, Yellow, 4" Wide	992	LF	\$1.00	\$992.00	\$1.75	\$1,736.00	\$2.00	\$1,984.00	\$1.00	\$992.00	\$1.50	\$1,488.00
90	Regulatory Sign	30	UN	\$250.00	\$7,500.00	\$185.00	\$5,550.00	\$250.00	\$7,500.00	\$2,500.00	\$75,000.00	\$200.00	\$6,000.00
91	Paver Driveway (Reset)	77	SF	\$20.00	\$1,540.00	\$35.00	\$2,695.00	\$10.00	\$770.00	\$40.00	\$3,080.00	\$17.00	\$1,309.00
92	Chain-link Fence, PVC-Coated Steel, 4' High, with Bottom & Top Rails	55	LF	\$150.00	\$8,250.00	\$105.00	\$5,775.00	\$100.00	\$5,500.00	\$60.00	\$3,300.00	\$63.00	\$3,465.00
93	Topsoil, 4" thk., Fertilizer, Seed & Mulch	445	SY	\$7.00	\$3,115.00	\$10.00	\$4,450.00	\$8.00	\$3,560.00	\$15.00	\$6,675.00	\$12.00	\$5,340.00
2019 Sub-Total					\$1,847,153.00		\$1,448,224.70		\$1,837,638.55		\$2,334,591.60		\$2,715,227.00
BASE BID TOTAL					\$4,103,708.00	\$3,102,019.70		\$3,935,923.55			\$4,612,828.35	\$6,074,967.00	
ADD ALTERNATE TO BASE BID													
ADD ALTERNATE 1 - Elm Avenue (Maple Avenue to Oak Avenue)													
A1-1	Roadway Excavation, 12" depth	1,561	SY	\$20.00	\$31,220.00	\$11.00	\$17,171.00	\$20.00	\$31,220.00	\$28.00	\$43,708.00	\$21.00	\$32,781.00
A1-2	HMA 9.5M64 Surface Course, 2" Thick	1,801	SY	\$13.00	\$23,413.00	\$12.00	\$21,612.00	\$16.00	\$28,816.00	\$21.50	\$38,721.50	\$16.00	\$28,816.00
A1-3	HMA 19M64 Base Course, 4" Thick	1,561	SY	\$19.00	\$29,659.00	\$18.50	\$28,878.50	\$28.00	\$43,708.00	\$25.00	\$39,025.00	\$30.00	\$46,830.00
A1-4	DGA, 6" Thick	1,801	SY	\$11.00	\$19,811.00	\$8.00	\$14,408.00	\$8.00	\$14,408.00	\$12.00	\$21,612.00	\$15.00	\$27,015.00
A1-5	Concrete Vertical Curb	802	LF	\$35.00	\$28,070.00	\$34.50	\$27,669.00	\$30.00	\$24,060.00	\$84.00	\$67,368.00	\$110.00	\$88,220.00
A1-6	ADA Curb Ramp with Detectable Warning Surface, Complete (Inclu	6	UN	\$4,500.00	\$27,000.00	\$2,750.00	\$16,500.00	\$2,800.00	\$16,800.00	\$3,380.00	\$20,280.00	\$11,000.00	\$66,000.00
A1-7	Reset Inlet, Replace "B" Inlet Casting with New Frame, "ECO" Head	1	UN	\$1,000.00	\$1,000.00	\$1,350.00	\$1,350.00	\$2,000.00	\$2,000.00	\$900.00	\$900.00	\$2,000.00	\$2,000.00
A1-8	Reset Inlet, Replace "E" Inlet Casting with New Frame, and Bicycle	3	UN	\$1,000.00	\$3,000.00	\$1,450.00	\$4,350.00	\$2,500.00	\$7,500.00	\$460.00	\$1,380.00	\$2,000.00	\$6,000.00
A1-9	Concrete Driveway Apron Complete, 6" Thick (Includes Depressed	350	SF	\$30.00	\$10,500.00	\$11.00	\$3,850.00	\$11.00	\$3,850.00	\$100.00	\$35,000.00	\$33.00	\$11,550.00
A1-10	Relocate Sign	1	UN	\$100.00	\$100.00	\$400.00	\$400.00	\$300.00	\$300.00	\$280.00	\$280.00	\$300.00	\$300.00
A1-11	Allowance for Asphalt Price Adjustment	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL					\$174,273.00		\$136,688.50		\$173,162.00		\$268,774.50		\$310,012.00



ADD ALTERNATE 2 - Park Drive (Golf View Road to North Stanwick Road)													
A2-1	Excavation, Grade, Compact, Remove Excess	1,986	SY	\$20.00	\$39,720.00	\$11.00	\$21,846.00	\$17.00	\$33,762.00	\$25.00	\$49,650.00	\$19.00	\$37,734.00
A2-2	HMA 9.5M64 Surface Course, 2" Thick	2,044	SY	\$13.00	\$26,572.00	\$12.00	\$24,528.00	\$16.00	\$32,704.00	\$26.00	\$53,144.00	\$16.00	\$32,704.00
A2-3	HMA 19M64 Base Course, 4" Thick	1,986	SY	\$19.00	\$37,734.00	\$18.50	\$36,741.00	\$28.00	\$55,608.00	\$23.00	\$45,678.00	\$30.00	\$59,580.00
A2-4	DGA, 6" Thick	2,044	SY	\$11.00	\$22,484.00	\$8.00	\$16,352.00	\$8.00	\$16,352.00	\$12.50	\$25,550.00	\$16.00	\$32,704.00
A2-5	Concrete Vertical Curb	20	LF	\$35.00	\$700.00	\$34.50	\$690.00	\$50.00	\$1,000.00	\$45.00	\$900.00	\$105.00	\$2,100.00
A2-6	Concrete Gutter	1,280	LF	\$40.00	\$51,200.00	\$42.50	\$54,400.00	\$35.00	\$44,800.00	\$60.00	\$76,800.00	\$81.00	\$103,680.00
A2-7	Reset Inlet, Replace "E" Inlet Casting with New Frame, and Bicycle-Safe Grate (Includes Restorations)	5	UN	\$1,000.00	\$5,000.00	\$1,450.00	\$7,250.00	\$2,000.00	\$10,000.00	\$460.00	\$2,300.00	\$1,700.00	\$8,500.00
A2-8	Reset Inlet, Replace "B" Inlet Casting with New Frame, "ECO" Head, and Bicycle-Safe Grate (Includes Restorations)	4	UN	\$1,001.00	\$4,004.00	\$1,350.00	\$5,400.00	\$2,500.00	\$10,000.00	\$900.00	\$3,600.00	\$1,900.00	\$7,600.00
A2-9	Concrete Pavers (Reset)	282	SY	\$20.00	\$5,640.00	\$15.00	\$4,230.00	\$10.00	\$2,820.00	\$45.00	\$12,690.00	\$16.00	\$4,512.00
A2-10	Allowance for Asphalt Price Adjustment	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL					\$193,554.00		\$171,937.00		\$207,546.00		\$270,812.00		\$289,614.00
ADD ALTERNATE 3 - Silverwood Road													
A3-1	Variable Depth Mill, Minimum 2" Thick	2,005	SY	\$5.00	\$10,025.00	\$3.00	\$6,015.00	\$10.00	\$20,050.00	\$11.00	\$22,055.00	\$6.00	\$12,030.00
A3-2	HMA 9.5M64 Surface Course, 2" Thick	2,005	SY	\$13.00	\$26,065.00	\$12.00	\$24,060.00	\$16.00	\$32,080.00	\$15.00	\$30,075.00	\$16.00	\$32,080.00
A3-3	Base Repair, 8" Thick	400	SY	\$32.00	\$12,800.00	\$42.00	\$16,800.00	\$50.00	\$20,000.00	\$60.00	\$24,000.00	\$60.00	\$24,000.00
A3-4	ADA Curb Ramp with Detectable Warning Surface, Complete (Includes removal, replacement, curbs, sidewalks, restorations, and turf/grass replacement)	2	UN	\$4,500.00	\$9,000.00	\$2,750.00	\$5,500.00	\$2,800.00	\$5,600.00	\$3,600.00	\$7,200.00	\$10,500.00	\$21,000.00
A3-5	Reconstruct Inlet Includes, Replace B-Inlet Casting With Eco Head And Bike Safe Grate (Includes Concrete And Asphalt Restorations)	1	UN	\$4,000.00	\$4,000.00	\$1,575.00	\$1,575.00	\$3,000.00	\$3,000.00	\$2,020.00	\$2,020.00	\$1,800.00	\$1,800.00
A3-6	Concrete Gutter	108	SF	\$30.00	\$3,240.00	\$42.50	\$4,590.00	\$45.00	\$4,860.00	\$58.00	\$6,264.00	\$105.00	\$11,340.00
A3-7	Allowance for Asphalt Price Adjustment	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL					\$65,630.00		\$59,040.00		\$86,090.00		\$92,114.00		\$102,750.00
ADD ALTERNATE 4 - Swede Run Fields Dog Park Parking Lot													
A4-1	Excavation, Grade, Compact, Min 2" Thick	1,150	SY	\$18.00	\$20,700.00	\$3.00	\$3,450.00	\$12.00	\$13,800.00	\$11.00	\$12,650.00	\$6.00	\$6,900.00
A4-2	HMA 9.5M64 Surface Course, 2" Thick	1,150	SY	\$13.00	\$14,950.00	\$12.00	\$13,800.00	\$18.00	\$20,700.00	\$22.00	\$25,300.00	\$19.00	\$21,850.00
A4-3	Base Repair, 8" Thick	250	SY	\$32.00	\$8,000.00	\$42.00	\$10,500.00	\$65.00	\$16,250.00	\$83.00	\$20,750.00	\$57.00	\$14,250.00
A4-4	Install Curb Parking Spot (Concrete) w/ Signs and Markings	1	UN	\$5,000.00	\$5,000.00	\$5,100.00	\$5,100.00	\$3,500.00	\$3,500.00	\$13,160.00	\$13,160.00	\$9,500.00	\$9,500.00
A4-5	Thermoplastic Striping, White, 4" Wide	824	LF	\$1.00	\$824.00	\$1.75	\$1,442.00	\$2.00	\$1,648.00	\$2.00	\$1,648.00	\$2.00	\$1,648.00
A4-6	Wheel Stop	23	UN	\$150.00	\$3,450.00	\$85.00	\$1,955.00	\$100.00	\$2,300.00	\$438.00	\$10,074.00	\$165.00	\$3,795.00
A4-7	Allowance for Asphalt Price Adjustment	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL					\$53,424.00		\$36,747.00		\$58,698.00		\$84,082.00		\$58,443.00



ADD ALTERNATE 5 - Westover Road (Bridgeboro Road to North Stanwick Road)													
A5-1	Excavation, Grade, Compact, Remove Excess	4,625	SY	\$20.00	\$92,500.00	\$11.00	\$50,875.00	\$15.00	\$69,375.00	\$24.00	\$111,000.00	\$20.00	\$92,500.00
A5-2	HMA 9.5M64 Surface Course, 2" Thick	5,629	SY	\$13.00	\$73,177.00	\$12.00	\$67,548.00	\$11.50	\$64,733.50	\$14.00	\$78,806.00	\$16.00	\$90,064.00
A5-3	Base Course, 4" Thick	4,625	SY	\$19.00	\$87,875.00	\$18.50	\$85,562.50	\$22.00	\$101,750.00	\$19.00	\$87,875.00	\$29.00	\$134,125.00
A5-4	DGA, 6" Thick	5,629	SY	\$11.00	\$61,919.00	\$8.00	\$45,032.00	\$8.00	\$45,032.00	\$12.00	\$67,548.00	\$17.00	\$95,693.00
A5-5	Concrete Pavers, (Reset)	218	SF	\$20.00	\$4,360.00	\$15.00	\$3,270.00	\$15.00	\$3,270.00	\$35.00	\$7,630.00	\$17.00	\$3,706.00
A5-6	Concrete Vertical Curb	42	LF	\$35.00	\$1,470.00	\$34.50	\$1,449.00	\$50.00	\$2,100.00	\$32.00	\$1,344.00	\$105.00	\$4,410.00
A5-7	ADA Curb Ramp with Detectable Warning Surface, Complete (Includes removal, replacement, curbs, sidewalks, restorations, and turf/grass replacement)	2	UN	\$4,500.00	\$9,000.00	\$2,750.00	\$5,500.00	\$2,800.00	\$5,600.00	\$3,250.00	\$6,500.00	\$11,500.00	\$23,000.00
A5-8	Reconstruct Inlet Includes, Replace B-Inlet Casting With Eco Head And Bike Safe Grate (Includes Concrete And Asphalt Restorations)	1	UN	\$4,000.00	\$4,000.00	\$1,450.00	\$1,450.00	\$1,500.00	\$1,500.00	\$445.00	\$445.00	\$1,600.00	\$1,600.00
A5-9	Concrete Gutter	2,752	LF	\$40.00	\$110,080.00	\$42.50	\$116,960.00	\$35.00	\$96,320.00	\$60.00	\$165,120.00	\$85.00	\$233,920.00
A5-10	Root Grinding	3	UN	\$750.00	\$2,250.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$550.00	\$1,650.00	\$1,800.00	\$5,400.00
A5-11	Stump Removal	5	UN	\$1,500.00	\$7,500.00	\$500.00	\$2,500.00	\$1,500.00	\$7,500.00	\$550.00	\$2,750.00	\$1,000.00	\$5,000.00
A5-12	Brick Pavers (Reset)	20	LF	\$20.00	\$400.00	\$40.00	\$800.00	\$10.00	\$200.00	\$40.00	\$800.00	\$17.00	\$340.00
A5-13	Allowance for Asphalt Price Adjustment	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL					\$455,031.00		\$382,946.50		\$399,380.50		\$531,968.00		\$690,258.00
ADD ALTERNATE 6 - Golf View Road (Westover Road to Park Avenue)													
A6-1	Excavation, Grade, Compact, Remove Excess	5,125	SY	\$20.00	\$102,500.00	\$11.00	\$56,375.00	\$15.00	\$76,875.00	\$25.00	\$128,125.00	\$19.00	\$97,375.00
A6-2	HMA 9.5M64 Surface Course, 2" Thick	5,371	SY	\$13.00	\$69,823.00	\$12.00	\$64,452.00	\$11.50	\$61,766.50	\$14.45	\$77,610.95	\$16.00	\$85,936.00
A6-3	HMA 19M64 Base Course, 4" Thick	5,125	SY	\$19.00	\$97,375.00	\$18.50	\$94,812.50	\$22.00	\$112,750.00	\$19.00	\$97,375.00	\$28.00	\$143,500.00
A6-4	DGA, 6" Thick	5,371	SY	\$11.00	\$59,081.00	\$8.00	\$42,968.00	\$8.00	\$42,968.00	\$12.80	\$68,748.80	\$16.00	\$85,936.00
A6-5	Concrete Gutter	3,890	LF	\$40.00	\$155,600.00	\$42.50	\$165,325.00	\$35.00	\$136,150.00	\$48.00	\$186,720.00	\$84.00	\$326,760.00
A6-6	Paver Driveway (Reset)	290	SF	\$20.00	\$5,800.00	\$35.00	\$10,150.00	\$10.00	\$2,900.00	\$38.00	\$11,020.00	\$16.00	\$4,640.00
A6-7	Concrete Driveway Apron Complete, 6" Thick (Includes Depressed Curb) As Shown and If and Where Directed	130	SF	\$30.00	\$3,900.00	\$11.00	\$1,430.00	\$10.00	\$1,300.00	\$100.00	\$13,000.00	\$34.00	\$4,420.00
A6-8	Concrete sidewalk, 4" Thick	52	SF	\$15.00	\$780.00	\$11.00	\$572.00	\$10.00	\$520.00	\$95.00	\$4,940.00	\$17.00	\$884.00
A6-9	Allowance for Asphalt Price Adjustment	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL					\$495,359.00		\$436,584.50		\$435,729.50		\$588,039.75		\$749,951.00
BASE BID TOTAL							\$3,102,019.70		\$3,935,923.55		\$4,612,828.35		\$6,074,967.00
ADD ALTERNATES TOTAL (ALL)							\$1,223,943.50		\$1,360,606.00		\$1,835,790.25		\$2,201,028.00
BASE BID PLUS ALL ADD ALTERNATES TOTAL							\$4,325,963.20		\$5,296,529.55		\$6,448,618.60		\$8,275,995.00

*Indicates mathematical error in submitted proposal

Hugh J. Dougherty, P.E.
Township Engineer
NJ Registered Professional Engineer No. 34634

