

BID TABULATION

TOWNSHIP OF MOON
CONTRACT NO. 20-R01
2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
BASE BID											
<i>TOWNSHIP OF MOON</i>											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	39,000	SY	\$2.08	\$81,120.00	\$1.75	\$68,250.00	\$2.23	\$86,970.00	\$2.80	\$109,200.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	5,900	TN	\$68.82	\$406,038.00	\$77.00	\$454,300.00	\$79.29	\$467,811.00	\$72.00	\$424,800.00
M-2B	¾" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	450	TN	\$91.00	\$40,950.00	\$80.00	\$36,000.00	\$90.55	\$40,747.50	\$86.00	\$38,700.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	39,000	SY	\$7.26	\$283,140.00	\$6.75	\$263,250.00	\$7.34	\$286,260.00	\$8.70	\$339,300.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	3,900	SY	\$27.85	\$108,615.00	\$38.00	\$148,200.00	\$25.00	\$97,500.00	\$30.00	\$117,000.00
M-5	3' Minimum Width Keyway Milling	800	LF	\$1.00	\$800.00	\$1.50	\$1,200.00	\$2.00	\$1,600.00	\$2.70	\$2,160.00
M-6	Replace Traffic Loop Sensor	2	EA	\$2,000.00	\$4,000.00	\$3,600.00	\$7,200.00	\$1,750.00	\$3,500.00	\$2,000.00	\$4,000.00
M-7A	Linestriping - 4" Single Solid White (Thermoplastic)	125	LF	\$0.90	\$112.50	\$0.95	\$118.75	\$0.95	\$118.75	\$1.00	\$125.00
M-7C	Linestriping - 4" Double Solid Yellow (Thermoplastic)	5,350	LF	\$1.80	\$9,630.00	\$1.90	\$10,165.00	\$1.85	\$9,897.50	\$2.00	\$10,700.00
M-7D	Linestriping - Type 'C' Perpendicular Crosswalk (Thermoplastic)	185	LF	\$15.00	\$2,775.00	\$15.75	\$2,913.75	\$15.00	\$2,775.00	\$16.50	\$3,052.50
M-7E	Linestriping - 24" Solid White Stop Bar (Thermoplastic)	7	EA	\$225.00	\$1,575.00	\$236.25	\$1,653.75	\$225.00	\$1,575.00	\$250.00	\$1,750.00
M-7F	Linestriping - White Directional Arrow (Thermoplastic)	4	EA	\$200.00	\$800.00	\$210.00	\$840.00	\$200.00	\$800.00	\$220.00	\$880.00
M-7G	Linestriping - White Lettering or Number Marking	9	EA	\$345.00	\$3,105.00	\$362.25	\$3,260.25	\$350.00	\$3,150.00	\$380.00	\$3,420.00
M-8	Restoration of Lawn Areas (3' average width)	22,000	LF	\$1.50	\$33,000.00	\$2.00	\$44,000.00	\$1.50	\$33,000.00	\$1.60	\$35,200.00
M-11	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	\$16,800.00	\$16,800.00	\$3,000.00	\$3,000.00	\$11,000.00	\$11,000.00	\$12,000.00	\$12,000.00
TOWNSHIP OF MOON SUBTOTAL					\$992,460.50	\$1,044,351.50		\$1,046,704.75		\$1,102,287.50	
<i>TOWNSHIP OF COLLIER</i>											
C-1	Roadway Milling / Profiling, Variable Depth	10,500	SY	\$2.08	\$21,840.00	\$1.75	\$18,375.00	\$2.34	\$24,570.00	\$1.00	\$10,500.00
C-2A	2.5" Average Depth, Superpave WMA Binder (Leveling) Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	1,650	TN	\$68.82	\$113,553.00	\$77.00	\$127,050.00	\$82.28	\$135,762.00	\$74.00	\$122,100.00
C-2B	¾" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	1,150	TN	\$91.00	\$104,650.00	\$80.00	\$92,000.00	\$93.60	\$107,640.00	\$85.00	\$97,750.00
C-3	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	10,500	SY	\$7.26	\$76,230.00	\$6.85	\$71,925.00	\$7.58	\$79,590.00	\$7.40	\$77,700.00
C-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	1,100	SY	\$27.85	\$30,635.00	\$38.00	\$41,800.00	\$25.00	\$27,500.00	\$30.00	\$33,000.00
C-5	3' Minimum Width Keyway Milling	700	LF	\$1.00	\$700.00	\$1.50	\$1,050.00	\$2.00	\$1,400.00	\$1.25	\$875.00
C-6	Bituminous Wedge Curb	150	LF	\$1.00	\$150.00	\$1.50	\$225.00	\$1.00	\$150.00	\$1.30	\$195.00
C-7	Adjust Inlets to Grade	5	EA	\$250.00	\$1,250.00	\$275.00	\$1,375.00	\$240.00	\$1,200.00	\$1,200.00	\$6,000.00
C-8	Adjust Manholes to Grade	2	EA	\$250.00	\$500.00	\$275.00	\$550.00	\$220.00	\$440.00	\$1,100.00	\$2,200.00
C-9	Adjust Valve Boxes to Grade	1	EA	\$75.00	\$75.00	\$150.00	\$150.00	\$20.00	\$20.00	\$72.00	\$72.00
C-10	Restoration of Lawn Areas (3' average width)	17,500	LF	\$1.50	\$26,250.00	\$2.00	\$35,000.00	\$1.50	\$26,250.00	\$1.60	\$28,000.00
C-11	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	\$4,200.00	\$4,200.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$4,700.00	\$4,700.00

BID TABULATION

TOWNSHIP OF MOON
 CONTRACT NO. 20-R01
 2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
C-12	Linestriping – Bike Lane Symbol or Crossing Lettering	2	EA	\$415.00	\$830.00	\$435.75	\$871.50	\$450.00	\$900.00	\$460.00	\$920.00
TOWNSHIP OF COLLIER SUBTOTAL				\$380,863.00		\$392,871.50		\$409,422.00		\$384,012.00	
<i>TOWNSHIP OF NORTH FAYETTE</i>											
NF-1	Roadway Milling / Profiling, Variable Depth	14,500	SY	\$2.08	\$30,160.00	\$1.75	\$25,375.00	\$2.84	\$41,180.00	\$2.00	\$29,000.00
NF-2A	2½" Average Depth, Superpave WMA Binder (Leveling) Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	2,200	TN	\$68.82	\$151,404.00	\$77.00	\$169,400.00	\$80.84	\$177,848.00	\$73.00	\$160,600.00
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	1,575	TN	\$88.00	\$138,600.00	\$80.00	\$126,000.00	\$92.38	\$145,498.50	\$87.00	\$137,025.00
NF-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	14,500	SY	\$7.26	\$105,270.00	\$6.75	\$97,875.00	\$7.45	\$108,025.00	\$8.00	\$116,000.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	2,200	SY	\$27.85	\$61,270.00	\$38.00	\$83,600.00	\$25.00	\$55,000.00	\$30.00	\$66,000.00
NF-5	3' Minimum Width Keyway Milling	1,100	LF	\$1.00	\$1,100.00	\$1.50	\$1,650.00	\$2.00	\$2,200.00	\$1.30	\$1,430.00
NF-6	Bituminous Wedge Curb	500	LF	\$1.00	\$500.00	\$2.00	\$1,000.00	\$0.95	\$475.00	\$1.35	\$675.00
NF-7	Adjust Inlets to Grade	27	EA	\$250.00	\$6,750.00	\$275.00	\$7,425.00	\$240.00	\$6,480.00	\$1,100.00	\$29,700.00
NF-8	Adjust Manholes to Grade	10	EA	\$250.00	\$2,500.00	\$275.00	\$2,750.00	\$215.00	\$2,150.00	\$1,100.00	\$11,000.00
NF-9	Adjust Valve Boxes to Grade	5	EA	\$75.00	\$375.00	\$150.00	\$750.00	\$20.00	\$100.00	\$72.00	\$360.00
NF-10	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	\$8,200.00	\$8,200.00	\$3,000.00	\$3,000.00	\$5,300.00	\$5,300.00	\$3,000.00	\$3,000.00
NF-11	Restoration of Lawn Areas (3' average width)	14,200	LF	\$1.50	\$21,300.00	\$2.00	\$28,400.00	\$1.50	\$21,300.00	\$1.70	\$24,140.00
NF-15A	Linestriping - 4" Single Solid White (Type II Traffic Paint)	9,400	LF	\$0.12	\$1,128.00	\$0.13	\$1,222.00	\$0.13	\$1,222.00	\$0.15	\$1,410.00
NF-15B	Linestriping - 4" Double Solid Yellow (Type II Traffic Paint)	4,700	LF	\$0.24	\$1,128.00	\$0.25	\$1,175.00	\$0.25	\$1,175.00	\$0.25	\$1,175.00
TOWNSHIP OF NORTH FAYETTE SUBTOTAL				\$529,685.00		\$549,622.00		\$567,953.50		\$581,515.00	
TOTAL BASE BID AMOUNT				\$1,903,008.50		\$1,986,845.00		\$2,024,080.25		\$2,067,814.50	
<i>TOWNSHIP OF MOON</i>											

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
ADD ALTERNATE NO. 1 – CHAPLIN DRIVE (PATTO DRIVE TO MCCAFFREY DRIVE)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	4,100	SY	\$2.08	\$8,528.00	\$1.75	\$7,175.00	\$2.23	\$9,143.00	\$2.80	\$11,480.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	650	TN	\$68.82	\$44,733.00	\$77.00	\$50,050.00	\$79.29	\$51,538.50	\$72.00	\$46,800.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	4,100	SY	\$7.26	\$29,766.00	\$6.85	\$28,085.00	\$7.34	\$30,094.00	\$8.60	\$35,260.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	425	SY	\$27.85	\$11,836.25	\$38.00	\$16,150.00	\$25.00	\$10,625.00	\$30.00	\$12,750.00
M-5	3' Minimum Width Keyway Milling	225	LF	\$1.00	\$225.00	\$1.50	\$337.50	\$2.00	\$450.00	\$2.60	\$585.00
M-8	Restoration of Lawn Areas (3' average width)	1,800	LF	\$1.50	\$2,700.00	\$2.00	\$3,600.00	\$1.50	\$2,700.00	\$1.60	\$2,880.00
M-11	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	\$3,200.00	\$3,200.00	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,600.00	\$1,600.00
ADD ALTERNATE NO. 1 TOTAL					\$100,988.25		\$106,397.50		\$105,750.50		\$111,355.00
ADD ALTERNATE NO. 2 – LOWER CARNOT ROAD (BEAVER GRADE ROAD TO FIRE HOUSE)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	1,100	SY	\$2.08	\$2,288.00	\$3.30	\$3,630.00	\$2.23	\$2,453.00	\$2.80	\$3,080.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	200	TN	\$68.82	\$13,764.00	\$79.00	\$15,800.00	\$79.29	\$15,858.00	\$72.00	\$14,400.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	1,100	SY	\$7.26	\$7,986.00	\$7.25	\$7,975.00	\$7.34	\$8,074.00	\$8.70	\$9,570.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	125	SY	\$27.85	\$3,481.25	\$38.00	\$4,750.00	\$25.00	\$3,125.00	\$30.00	\$3,750.00
M-5	3' Minimum Width Keyway Milling	125	LF	\$1.00	\$125.00	\$1.50	\$187.50	\$2.00	\$250.00	\$2.70	\$337.50
M-7A	Linestriping - 4" Single Solid White (Thermoplastic)	550	LF	\$0.90	\$495.00	\$0.95	\$522.50	\$0.95	\$522.50	\$1.00	\$550.00
M-7C	Linestriping - 4" Double Solid Yellow (Thermoplastic)	275	LF	\$1.80	\$495.00	\$1.89	\$519.75	\$1.80	\$495.00	\$2.00	\$550.00
M-7E	Linestriping - 24" Solid White Stop Bar (Thermoplastic)	1	EA	\$225.00	\$225.00	\$236.25	\$236.25	\$275.00	\$275.00	\$250.00	\$250.00
M-8	Restoration of Lawn Areas (3' average width)	400	LF	\$1.50	\$600.00	\$2.00	\$800.00	\$1.50	\$600.00	\$1.60	\$640.00
M-11	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	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$350.00	\$350.00	\$800.00	\$800.00
ADD ALTERNATE NO. 2 TOTAL					\$30,659.25		\$35,421.00		\$32,002.50		\$33,927.50
ADD ALTERNATE NO. 3 – WINDY WILLOWS DRIVE (CORAOPOLIS HEIGHTS ROAD TO END)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,450	SY	\$2.08	\$5,096.00	\$2.25	\$5,512.50	\$2.23	\$5,463.50	\$2.80	\$6,860.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	400	TN	\$68.82	\$27,528.00	\$79.00	\$31,600.00	\$79.29	\$31,716.00	\$72.00	\$28,800.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,450	SY	\$7.26	\$17,787.00	\$7.25	\$17,762.50	\$7.34	\$17,983.00	\$8.70	\$21,315.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	275	SY	\$27.85	\$7,658.75	\$38.00	\$10,450.00	\$25.00	\$6,875.00	\$30.00	\$8,250.00
M-5	3' Minimum Width Keyway Milling	100	LF	\$1.00	\$100.00	\$1.50	\$150.00	\$2.00	\$200.00	\$2.70	\$270.00

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
M-8	Restoration of Lawn Areas (3' average width)	900	LF	\$1.50	\$1,350.00	\$2.00	\$1,800.00	\$1.50	\$1,350.00	\$1.60	\$1,440.00
M-11	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	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	\$700.00	\$700.00	\$800.00	\$800.00
ADD ALTERNATE NO. 3 TOTAL					\$61,119.75		\$68,775.00		\$64,287.50		\$67,735.00
ADD ALTERNATE NO. 4 – BENJAMIN COURT (BEAVER GRADE ROAD TO CUL-DE-SAC)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	1,300	SY	\$2.08	\$2,704.00	\$2.50	\$3,250.00	\$2.23	\$2,899.00	\$2.80	\$3,640.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	250	TN	\$68.82	\$17,205.00	\$79.00	\$19,750.00	\$79.29	\$19,822.50	\$72.00	\$18,000.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	1,300	SY	\$7.26	\$9,438.00	\$7.25	\$9,425.00	\$7.34	\$9,542.00	\$8.70	\$11,310.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	150	SY	\$27.85	\$4,177.50	\$38.00	\$5,700.00	\$25.00	\$3,750.00	\$30.00	\$4,500.00
M-5	3' Minimum Width Keyway Milling	100	LF	\$1.00	\$100.00	\$1.50	\$150.00	\$2.00	\$200.00	\$2.70	\$270.00
M-8	Restoration of Lawn Areas (3' average width)	350	LF	\$1.50	\$525.00	\$2.00	\$700.00	\$1.50	\$525.00	\$1.60	\$560.00
M-9	Concrete Sidewalk (4" depth), Reinforced including Demolition, Excavation, 4" AASHTO No. 57 Aggregate Subbase (as directed)	150	SF	\$12.00	\$1,800.00	\$14.00	\$2,100.00	\$40.00	\$6,000.00	\$12.00	\$1,800.00
M-10	Curb Cut Ramps – ADA Compliant, including Demolition, Excavation, 4" AASHTO No. 57 Aggregate, Concrete Curb, Cheekwalls, Sidewalk and Detectable Warning Surface as per Detail, including Restoration	2	EA	\$2,000.00	\$4,000.00	\$2,800.00	\$5,600.00	\$5,000.00	\$10,000.00	\$2,700.00	\$5,400.00
M-11	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	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00
ADD ALTERNATE NO. 4 TOTAL					\$41,149.50		\$48,675.00		\$53,738.50		\$46,280.00
ADD ALTERNATE NO. 5 – FERNVUE DRIVE (FERN HOLLOW ROAD TO CUL-DE-SAC)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,600	SY	\$2.08	\$5,408.00	\$2.25	\$5,850.00	\$2.23	\$5,798.00	\$2.70	\$7,020.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	450	TN	\$68.82	\$30,969.00	\$77.00	\$34,650.00	\$79.29	\$35,680.50	\$72.00	\$32,400.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,600	SY	\$7.26	\$18,876.00	\$7.25	\$18,850.00	\$7.34	\$19,084.00	\$8.70	\$22,620.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	300	SY	\$27.85	\$8,355.00	\$38.00	\$11,400.00	\$25.00	\$7,500.00	\$30.00	\$9,000.00
M-5	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$2.70	\$202.50
M-8	Restoration of Lawn Areas (3' average width)	1,000	LF	\$1.50	\$1,500.00	\$2.00	\$2,000.00	\$1.50	\$1,500.00	\$1.60	\$1,600.00

BID TABULATION

TOWNSHIP OF MOON
CONTRACT NO. 20-R01
2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
M-9	Concrete Sidewalk (4" depth), Reinforced including Demolition, Excavation, 4" AASHTO No. 57 Aggregate Subbase (as directed)	150	SF	\$12.00	\$1,800.00	\$14.00	\$2,100.00	\$40.00	\$6,000.00	\$12.00	\$1,800.00
M-10	Curb Cut Ramps – ADA Compliant, including Demolition, Excavation, 4" AASHTO No. 57 Aggregate, Concrete Curb, Cheekwalls, Sidewalk and Detectable Warning Surface as per Detail, including Restoration	2	EA	\$2,000.00	\$4,000.00	\$2,800.00	\$5,600.00	\$5,000.00	\$10,000.00	\$2,800.00	\$5,600.00
M-11	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	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,250.00	\$1,250.00	\$800.00	\$800.00
ADD ALTERNATE NO. 5 TOTAL					\$72,983.00		\$82,062.50		\$86,962.50		\$81,042.50
ADD ALTERNATE NO. 6 – FERNWOOD DRIVE (FERNVUE DRIVE TO END)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	900	SY	\$2.08	\$1,872.00	\$4.00	\$3,600.00	\$2.23	\$2,007.00	\$2.80	\$2,520.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	160	TN	\$68.82	\$11,011.20	\$80.00	\$12,800.00	\$79.29	\$12,686.40	\$72.00	\$11,520.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	900	SY	\$7.26	\$6,534.00	\$8.00	\$7,200.00	\$7.34	\$6,606.00	\$8.70	\$7,830.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	110	SY	\$27.85	\$3,063.50	\$38.00	\$4,180.00	\$25.00	\$2,750.00	\$30.00	\$3,300.00
M-5	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$2.70	\$202.50
M-8	Restoration of Lawn Areas (3' average width)	300	LF	\$1.50	\$450.00	\$2.00	\$600.00	\$1.50	\$450.00	\$1.60	\$480.00
M-11	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	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$250.00	\$250.00	\$400.00	\$400.00
ADD ALTERNATE NO. 6 TOTAL					\$24,205.70		\$29,492.50		\$24,899.40		\$26,252.50
ADD ALTERNATE NO. 7 – FALLBROOK DRIVE (BEAVER GRADE ROAD TO CUL-DE-SAC)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,700	SY	\$2.08	\$5,616.00	\$2.50	\$6,750.00	\$2.23	\$6,021.00	\$2.80	\$7,560.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	450	TN	\$68.82	\$30,969.00	\$79.00	\$35,550.00	\$79.29	\$35,680.50	\$72.00	\$32,400.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,700	SY	\$7.26	\$19,602.00	\$7.00	\$18,900.00	\$7.34	\$19,818.00	\$8.70	\$23,490.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	300	SY	\$27.85	\$8,355.00	\$38.00	\$11,400.00	\$25.00	\$7,500.00	\$30.00	\$9,000.00
M-5	3' Minimum Width Keyway Milling	100	LF	\$1.00	\$100.00	\$1.50	\$150.00	\$2.00	\$200.00	\$2.70	\$270.00
M-8	Restoration of Lawn Areas (3' average width)	1,000	LF	\$1.50	\$1,500.00	\$2.00	\$2,000.00	\$1.50	\$1,500.00	\$1.60	\$1,600.00
M-9	Concrete Sidewalk (4" depth), Reinforced including Demolition, Excavation, 4" AASHTO No. 57 Aggregate Subbase (as directed)	150	SF	\$12.00	\$1,800.00	\$14.00	\$2,100.00	\$40.00	\$6,000.00	\$12.00	\$1,800.00
M-10	Curb Cut Ramps – ADA Compliant, including Demolition, Excavation, 4" AASHTO No. 57 Aggregate, Concrete Curb, Cheekwalls, Sidewalk and Detectable Warning Surface as per Detail, including Restoration	2	EA	\$2,000.00	\$4,000.00	\$2,800.00	\$5,600.00	\$5,000.00	\$10,000.00	\$2,800.00	\$5,600.00

BID TABULATION

TOWNSHIP OF MOON
CONTRACT NO. 20-R01
2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
M-11	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	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	\$1,250.00	\$1,250.00	\$800.00	\$800.00
ADD ALTERNATE NO. 7 TOTAL				\$73,542.00		\$83,950.00		\$87,969.50		\$82,520.00	
ADD ALTERNATE NO. 8 – SCOTSDALE DRIVE (MEADE DRIVE TO MEADE DRIVE)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	4,650	SY	\$2.08	\$9,672.00	\$2.00	\$9,300.00	\$2.23	\$10,369.50	\$2.80	\$13,020.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	725	TN	\$68.82	\$49,894.50	\$77.00	\$55,825.00	\$79.29	\$57,485.25	\$72.00	\$52,200.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	4,650	SY	\$7.26	\$33,759.00	\$6.85	\$31,852.50	\$7.34	\$34,131.00	\$8.70	\$40,455.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	500	SY	\$27.85	\$13,925.00	\$38.00	\$19,000.00	\$25.00	\$12,500.00	\$30.00	\$15,000.00
M-5	3' Minimum Width Keyway Milling	125	LF	\$1.00	\$125.00	\$1.50	\$187.50	\$2.00	\$250.00	\$2.80	\$350.00
M-8	Restoration of Lawn Areas (3' average width)	2,000	LF	\$1.50	\$3,000.00	\$2.00	\$4,000.00	\$1.50	\$3,000.00	\$1.60	\$3,200.00
M-9	Concrete Sidewalk (4" depth), Reinforced including Demolition, Excavation, 4" AASHTO No. 57 Aggregate Subbase (as directed)	150	SF	\$12.00	\$1,800.00	\$14.00	\$2,100.00	\$40.00	\$6,000.00	\$12.00	\$1,800.00
M-10	Curb Cut Ramps – ADA Compliant, including Demolition, Excavation, 4" AASHTO No. 57 Aggregate, Concrete Curb, Cheekwalls, Sidewalk and Detectable Warning Surface as per Detail, including Restoration	2	EA	\$2,000.00	\$4,000.00	\$2,800.00	\$5,600.00	\$5,000.00	\$10,000.00	\$1,800.00	\$3,600.00
M-11	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	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,600.00	\$1,600.00
ADD ALTERNATE NO. 8 TOTAL				\$119,175.50		\$128,865.00		\$135,235.75		\$131,225.00	
ADD ALTERNATE NO. 9 – GLADWOOD DRIVE (BEAVER GRADE ROAD TO NYETIMBER PARKWAY)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,625	SY	\$2.08	\$5,460.00	\$2.00	\$5,250.00	\$2.23	\$5,853.75	\$2.80	\$7,350.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	415	TN	\$68.82	\$28,560.30	\$79.00	\$32,785.00	\$79.29	\$32,905.35	\$72.00	\$29,880.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,625	SY	\$7.26	\$19,057.50	\$7.00	\$18,375.00	\$7.34	\$19,267.50	\$8.70	\$22,837.50
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	285	SY	\$27.85	\$7,937.25	\$38.00	\$10,830.00	\$25.00	\$7,125.00	\$30.00	\$8,550.00
M-5	3' Minimum Width Keyway Milling	125	LF	\$1.00	\$125.00	\$1.50	\$187.50	\$2.00	\$250.00	\$2.60	\$325.00
M-8	Restoration of Lawn Areas (3' average width)	1,300	LF	\$1.50	\$1,950.00	\$2.00	\$2,600.00	\$1.50	\$1,950.00	\$1.60	\$2,080.00
M-11	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	\$1,600.00	\$1,600.00	\$500.00	\$500.00	\$750.00	\$750.00	\$800.00	\$800.00
ADD ALTERNATE NO. 9 TOTAL				\$64,690.05		\$70,527.50*		\$68,101.60		\$71,822.50	
ADD ALTERNATE NO. 10 – FITZRANDOLPH DRIVE (CORAOPOLIS HEIGHTS ROAD TO CUL-DE-SAC)											

BID TABULATION

TOWNSHIP OF MOON
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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
				UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,400	SY	\$2.08	\$4,992.00	\$2.00	\$4,800.00	\$2.23	\$5,352.00	\$2.80	\$6,720.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	385	TN	\$68.82	\$26,495.70	\$79.00	\$30,415.00	\$79.29	\$30,526.65	\$72.00	\$27,720.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,400	SY	\$7.26	\$17,424.00	\$7.00	\$16,800.00	\$7.34	\$17,616.00	\$8.70	\$20,880.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	275	SY	\$27.85	\$7,658.75	\$38.00	\$10,450.00	\$25.00	\$6,875.00	\$30.00	\$8,250.00

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				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
M-5	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$2.60	\$195.00
M-8	Restoration of Lawn Areas (3' average width)	900	LF	\$1.50	\$1,350.00	\$2.00	\$1,800.00	\$1.50	\$1,350.00	\$1.60	\$1,440.00
M-11	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	\$1,600.00	\$1,600.00	\$500.00	\$500.00	\$700.00	\$700.00	\$800.00	\$800.00
ADD ALTERNATE NO. 10 TOTAL					\$59,595.45		\$64,877.50		\$62,569.65		\$66,005.00
ADD ALTERNATE NO. 11 – OAKHAVEN DRIVE (CORAOPOLIS HEIGHTS ROAD TO CUL-DE-SAC)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	7,150	SY	\$2.08	\$14,872.00	\$1.75	\$12,512.50	\$2.23	\$15,944.50	\$2.80	\$20,020.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	1,115	TN	\$68.82	\$76,734.30	\$77.00	\$85,855.00	\$79.29	\$88,408.35	\$72.00	\$80,280.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	7,150	SY	\$7.26	\$51,909.00	\$6.85	\$48,977.50	\$7.34	\$52,481.00	\$8.70	\$62,205.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	750	SY	\$27.85	\$20,887.50	\$38.00	\$28,500.00	\$25.00	\$18,750.00	\$30.00	\$22,500.00
M-5	3' Minimum Width Keyway Milling	90	LF	\$1.00	\$90.00	\$1.50	\$135.00	\$2.00	\$180.00	\$2.70	\$243.00
M-8	Restoration of Lawn Areas (3' average width)	2,900	LF	\$1.50	\$4,350.00	\$2.00	\$5,800.00	\$1.50	\$4,350.00	\$1.60	\$4,640.00
M-11	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	\$2,400.00	\$2,400.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00
ADD ALTERNATE NO. 11 TOTAL					\$171,242.80		\$182,780.00		\$182,113.85		\$191,488.00
ADD ALTERNATE NO. 12 – NOTTINGHILL DRIVE											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,075	SY	\$2.08	\$4,316.00	\$2.00	\$4,150.00	\$2.23	\$4,627.25	\$2.80	\$5,810.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	345	TN	\$68.82	\$23,742.90	\$80.00	\$27,600.00	\$79.29	\$27,355.05	\$72.00	\$24,840.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,075	SY	\$7.26	\$15,064.50	\$7.25	\$15,043.75	\$7.34	\$15,230.50	\$8.70	\$18,052.50
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	245	SY	\$27.85	\$6,823.25	\$38.00	\$9,310.00	\$25.00	\$6,125.00	\$30.00	\$7,350.00
M-5	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$2.70	\$202.50
M-8	Restoration of Lawn Areas (3' average width)	900	LF	\$1.50	\$1,350.00	\$2.00	\$1,800.00	\$1.50	\$1,350.00	\$1.60	\$1,440.00
M-11	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	\$2,400.00	\$2,400.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$800.00	\$800.00
ADD ALTERNATE NO. 12 TOTAL					\$53,771.65		\$59,016.25		\$55,437.80		\$58,495.00

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
ADD ALTERNATE NO. 13 – FELICIAN DRIVE (MONTOUR STREET EXT. TO MONTOUR STREET EXT.)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,025	SY	\$2.08	\$4,212.00	\$2.50	\$5,062.50	\$2.23	\$4,515.75	\$2.80	\$5,670.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	350	TN	\$68.82	\$24,087.00	\$79.00	\$27,650.00	\$79.29	\$27,751.50	\$72.00	\$25,200.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,025	SY	\$7.26	\$14,701.50	\$7.00	\$14,175.00	\$7.34	\$14,863.50	\$8.70	\$17,617.50
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	225	SY	\$27.85	\$6,266.25	\$38.00	\$8,550.00	\$25.00	\$5,625.00	\$30.00	\$6,750.00
M-5	3' Minimum Width Keyway Milling	100	LF	\$1.00	\$100.00	\$1.50	\$150.00	\$2.00	\$200.00	\$2.70	\$270.00
M-8	Restoration of Lawn Areas (3' average width)	1,275	LF	\$1.50	\$1,912.50	\$2.00	\$2,550.00	\$1.50	\$1,912.50	\$1.60	\$2,040.00
M-11	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	\$2,400.00	\$2,400.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$800.00	\$800.00
ADD ALTERNATE NO. 13 TOTAL					\$53,679.25	\$59,137.50	\$55,468.25	\$58,347.50			
ADD ALTERNATE NO. 14 – BENTLY DOWNS DRIVE (ESSEX KNOLL DRIVE TO ESSEX KNOLL DRIVE)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	4,500	SY	\$2.08	\$9,360.00	\$1.75	\$7,875.00	\$2.23	\$10,035.00	\$2.80	\$12,600.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	720	TN	\$68.82	\$49,550.40	\$77.00	\$55,440.00	\$79.29	\$57,088.80	\$72.00	\$51,840.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	4,500	SY	\$7.26	\$32,670.00	\$6.85	\$30,825.00	\$7.34	\$33,030.00	\$8.70	\$39,150.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	475	SY	\$27.85	\$13,228.75	\$38.00	\$18,050.00	\$25.00	\$11,875.00	\$30.00	\$14,250.00
M-5	3' Minimum Width Keyway Milling	175	LF	\$1.00	\$175.00	\$1.50	\$262.50	\$2.00	\$350.00	\$2.70	\$472.50
M-8	Restoration of Lawn Areas (3' average width)	26,000	LF	\$1.50	\$39,000.00	\$2.00	\$52,000.00	\$1.50	\$39,000.00	\$1.60	\$41,600.00
M-11	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	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00	\$1,600.00	\$1,600.00
ADD ALTERNATE NO. 14 TOTAL					\$145,984.15	\$167,452.50	\$152,678.80	\$161,512.50			
ADD ALTERNATE NO. 15 – QUEENSGATE DRIVE (BENTLY DOWNS DRIVE TO CUL-DE-SAC)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	1,375	SY	\$2.08	\$2,860.00	\$3.25	\$4,468.75	\$2.23	\$3,066.25	\$2.80	\$3,850.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	230	TN	\$68.82	\$15,828.60	\$80.00	\$18,400.00	\$79.29	\$18,236.70	\$72.00	\$16,560.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	1,375	SY	\$7.26	\$9,982.50	\$7.50	\$10,312.50	\$7.34	\$10,092.50	\$8.70	\$11,962.50
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	170	SY	\$27.85	\$4,734.50	\$38.00	\$6,460.00	\$25.00	\$4,250.00	\$30.00	\$5,100.00

BID TABULATION

TOWNSHIP OF MOON
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2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
M-8	Restoration of Lawn Areas (3' average width)	325	LF	\$1.50	\$487.50	\$2.00	\$650.00	\$1.50	\$487.50	\$1.60	\$520.00
M-11	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	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$400.00	\$400.00	\$800.00	\$800.00
ADD ALTERNATE NO. 15 TOTAL				\$35,093.10		\$40,791.25		\$36,532.95		\$38,792.50	
ADD ALTERNATE NO. 16 – ESSEX KNOLL DRIVE (HASSAM ROAD TO HASSAM ROAD)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	7,825	SY	\$2.08	\$16,276.00	\$1.75	\$13,693.75	\$2.23	\$17,449.75	\$2.80	\$21,910.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	1,225	TN	\$68.82	\$84,304.50	\$77.00	\$94,325.00	\$79.29	\$97,130.25	\$72.00	\$88,200.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	7,825	SY	\$7.26	\$56,809.50	\$6.85	\$53,601.25	\$7.34	\$57,435.50	\$8.70	\$68,077.50
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	800	SY	\$27.85	\$22,280.00	\$38.00	\$30,400.00	\$25.00	\$20,000.00	\$30.00	\$24,000.00
M-5	3' Minimum Width Keyway Milling	175	LF	\$1.00	\$175.00	\$1.50	\$262.50	\$2.00	\$350.00	\$2.70	\$472.50
M-8	Restoration of Lawn Areas (3' average width)	3,375	LF	\$1.50	\$5,062.50	\$2.00	\$6,750.00	\$1.50	\$5,062.50	\$1.60	\$5,400.00
M-11	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	\$2,400.00	\$2,400.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$3,100.00	\$3,100.00
ADD ALTERNATE NO. 16 TOTAL				\$187,307.50		\$201,032.50		\$199,928.00		\$211,160.00	
ADD ALTERNATE NO. 17 – THORN RUN ROAD EXT. (NEW PAVEMENT JOINT TO BEAVER GRADE ROAD)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	6,100	SY	\$2.08	\$12,688.00	\$1.75	\$10,675.00	\$2.23	\$13,603.00	\$2.80	\$17,080.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	945	TN	\$68.82	\$65,034.90	\$77.00	\$72,765.00	\$79.29	\$74,929.05	\$72.00	\$68,040.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	6,100	SY	\$7.26	\$44,286.00	\$6.85	\$41,785.00	\$7.34	\$44,774.00	\$8.70	\$53,070.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	630	SY	\$27.85	\$17,545.50	\$38.00	\$23,940.00	\$25.00	\$15,750.00	\$35.00	\$22,050.00
M-5	3' Minimum Width Keyway Milling	750	LF	\$1.00	\$750.00	\$1.50	\$1,125.00	\$2.00	\$1,500.00	\$2.70	\$2,025.00
M-6	Replace Traffic Loop Sensor	2	EA	\$2,000.00	\$4,000.00	\$3,600.00	\$7,200.00	\$1,750.00	\$3,500.00	\$2,000.00	\$4,000.00
M-7A	Linestriping - 4" Single Solid White (Thermoplastic)	175	LF	\$0.90	\$157.50	\$0.95	\$166.25	\$0.95	\$166.25	\$1.00	\$175.00
M-7C	Linestriping - 4" Double Solid Yellow (Thermoplastic)	1,500	LF	\$1.80	\$2,700.00	\$1.89	\$2,835.00	\$1.85	\$2,775.00	\$2.00	\$3,000.00
M-7D	Linestriping - Type 'C' Perpendicular Crosswalk (Thermoplastic)	100	LF	\$15.00	\$1,500.00	\$15.75	\$1,575.00	\$15.00	\$1,500.00	\$16.50	\$1,650.00
M-7E	Linestriping - 24" Solid White Stop Bar (Thermoplastic)	3	EA	\$225.00	\$675.00	\$236.25	\$708.75	\$225.00	\$675.00	\$250.00	\$750.00
M-7F	Linestriping - White Directional Arrow (Thermoplastic)	4	EA	\$290.00	\$1,160.00	\$304.50	\$1,218.00	\$290.00	\$1,160.00	\$320.00	\$1,280.00
M-7G	Linestriping - White Lettering or Number Marking (Thermoplastic)	1	EA	\$250.00	\$250.00	\$262.50	\$262.50	\$250.00	\$250.00	\$275.00	\$275.00
M-8	Restoration of Lawn Areas (3' average width)	2,100	LF	\$1.50	\$3,150.00	\$2.00	\$4,200.00	\$1.50	\$3,150.00	\$1.60	\$3,360.00

BID TABULATION

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
M-11	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	\$2,400.00	\$2,400.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$3,100.00	\$3,100.00
ADD ALTERNATE NO. 17 TOTAL					\$156,296.90		\$170,455.50		\$166,732.30		\$179,855.00
ADD ALTERNATE NO. 18 – GRANT DRIVE (RMU SERVICE CENTER TO UNIVERSITY BOULEVARD)											
M-1	Roadway Milling / Profiling, Variable Depth (6" average depth)	3,800	SY	\$2.08	\$7,904.00	\$1.75	\$6,650.00	\$4.25	\$16,150.00	\$2.80	\$10,640.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	1,000	TN	\$68.82	\$68,820.00	\$77.00	\$77,000.00	\$79.29	\$79,290.00	\$72.00	\$72,000.00
M-3B	2" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	3,800	SY	\$9.68	\$36,784.00	\$9.75	\$37,050.00	\$9.80	\$37,240.00	\$8.70	\$33,060.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	1,000	SY	\$27.85	\$27,850.00	\$38.00	\$38,000.00	\$25.00	\$25,000.00	\$35.00	\$35,000.00
M-5	3' Minimum Width Keyway Milling	800	LF	\$1.00	\$800.00	\$1.50	\$1,200.00	\$2.00	\$1,600.00	\$2.70	\$2,160.00
M-7A	Linestriping - 4" Single Solid White (Thermoplastic)	725	LF	\$0.90	\$652.50	\$0.90	\$652.50	\$0.95	\$688.75	\$1.00	\$725.00
M-7C	Linestriping - 4" Double Solid Yellow (Thermoplastic)	600	LF	\$1.80	\$1,080.00	\$1.80	\$1,080.00	\$1.80	\$1,080.00	\$2.00	\$1,200.00
M-7E	Linestriping - 24" Solid White Stop Bar (Thermoplastic)	2	EA	\$225.00	\$450.00	\$225.00	\$450.00	\$225.00	\$450.00	\$250.00	\$500.00
M-7F	Linestriping – White Directional Arrow (Thermoplastic)	16	EA	\$200.00	\$3,200.00	\$200.00	\$3,200.00	\$205.00	\$3,280.00	\$220.00	\$3,520.00
M-8	Restoration of Lawn Areas (3' average width)	1,500	LF	\$1.50	\$2,250.00	\$2.00	\$3,000.00	\$1.50	\$2,250.00	\$1.60	\$2,400.00
M-11	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	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,600.00	\$1,600.00
ADD ALTERNATE NO. 18 TOTAL					\$152,790.50		\$170,782.50		\$168,528.75		\$162,805.00
ADD ALTERNATE NO. 19 MOON COMMUNITY CENTER (MTMA)											
M-1	Roadway Milling / Profiling, Variable Depth (2" average depth)	3,250	SY	\$2.08	\$6,760.00	\$2.00	\$6,500.00	\$2.23	\$7,247.50	\$2.80	\$9,100.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	525	TN	\$68.82	\$36,130.50	\$79.00	\$41,475.00	\$79.29	\$41,627.25	\$72.00	\$37,800.00
M-2B	¾" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	200	TN	\$91.00	\$18,200.00	\$80.00	\$16,000.00	\$90.55	\$18,110.00	\$86.00	\$17,200.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	3,250	SY	\$7.26	\$23,595.00	\$7.00	\$22,750.00	\$7.34	\$23,855.00	\$8.70	\$28,275.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	350	SY	\$27.85	\$9,747.50	\$38.00	\$13,300.00	\$25.00	\$8,750.00	\$30.00	\$10,500.00
M-5	3' Minimum Width Keyway Milling	150	LF	\$1.00	\$150.00	\$1.50	\$225.00	\$2.00	\$300.00	\$2.70	\$405.00
M-8	Restoration of Lawn Areas (3' average width)	1,300	LF	\$1.50	\$1,950.00	\$2.00	\$2,600.00	\$1.50	\$1,950.00	\$1.60	\$2,080.00
M-13	Remove Existing Concrete Curb and Replace with Bituminous Wedge Curb	650	LF	\$5.00	\$3,250.00	\$6.00	\$3,900.00	\$18.00	\$11,700.00	\$14.00	\$9,100.00
ADD ALTERNATE NO. 19 TOTAL					\$99,783.00		\$106,750.00		\$113,539.75		\$114,460.00

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
ADD ALTERNATE NO. 20 – CHARLTON HEIGHTS ROAD (SANDRALAYNE DRIVE TO PARK DRIVE)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	3,700	SY	\$2.08	\$7,696.00	\$2.00	\$7,400.00	\$2.23	\$8,251.00	\$2.80	\$10,360.00
M-3C	1" Depth, Superpave WMA Wearing Course, 6.3 mm, 0 to 0.3 million Design ESALs, PG 76-22, SRL-H, Section 412	3,700	SY	\$6.10	\$22,570.00	\$6.50	\$24,050.00	\$6.74	\$24,938.00	\$7.30	\$27,010.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	750	SY	\$27.85	\$20,887.50	\$38.00	\$28,500.00	\$25.00	\$18,750.00	\$30.00	\$22,500.00
M-5	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$2.70	\$202.50
M-8	Restoration of Lawn Areas (3' average width)	2,000	LF	\$1.50	\$3,000.00	\$2.00	\$4,000.00	\$1.50	\$3,000.00	\$1.60	\$3,200.00
M-11	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	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$2,400.00	\$2,400.00
ADD ALTERNATE NO. 20 TOTAL					\$55,428.50		\$65,062.50		\$56,189.00		\$65,672.50
ADD ALTERNATE NO. 21 – PARK DRIVE (CHARLTON HEIGHTS ROAD TO APPROXIMATELY 700)											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,000	SY	\$2.08	\$4,160.00	\$2.50	\$5,000.00	\$2.23	\$4,460.00	\$2.75	\$5,500.00
M-3C	1" Depth, Superpave WMA Wearing Course, 6.3 mm, 0 to 0.3 million Design ESALs, PG 76-22, SRL-H, Section 412	2,000	SY	\$6.10	\$12,200.00	\$6.50	\$13,000.00	\$6.74	\$13,480.00	\$7.30	\$14,600.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	250	SY	\$27.85	\$6,962.50	\$38.00	\$9,500.00	\$25.00	\$6,250.00	\$30.00	\$7,500.00
M-5	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$2.70	\$202.50
M-8	Restoration of Lawn Areas (3' average width)	1,050	LF	\$1.50	\$1,575.00	\$2.00	\$2,100.00	\$1.50	\$1,575.00	\$1.60	\$1,680.00
M-11	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	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$600.00	\$600.00	\$790.00	\$790.00
ADD ALTERNATE NO. 21 TOTAL					\$26,172.50		\$30,212.50		\$26,515.00		\$30,272.50
ADD ALTERNATE NO. 22 - VAA PARKING LOT											
M-1	Roadway Milling / Profiling, Variable Depth (3½" average depth)	2,900	SY	\$2.08	\$6,032.00	\$2.25	\$6,525.00	\$2.23	\$6,467.00	\$2.80	\$8,120.00
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	350	TN	\$68.82	\$24,087.00	\$80.00	\$28,000.00	\$79.29	\$27,751.50	\$72.00	\$25,200.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,900	SY	\$7.26	\$21,054.00	\$7.00	\$20,300.00	\$7.34	\$21,286.00	\$8.70	\$25,230.00
M-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	100	SY	\$27.85	\$2,785.00	\$38.00	\$3,800.00	\$25.00	\$2,500.00	\$30.00	\$3,000.00
M-5	3' Minimum Width Keyway Milling	150	LF	\$1.00	\$150.00	\$1.50	\$225.00	\$2.00	\$300.00	\$2.60	\$390.00
M-7A	Linestriping - 4" Single Solid White (Thermoplastic)	1,750	LF	\$3.50	\$6,125.00	\$3.68	\$6,440.00	\$3.55	\$6,212.50	\$4.00	\$7,000.00
M-7B	Linestriping - 4" Single Solid Blue (Thermoplastic)	75	LF	\$3.75	\$281.25	\$3.94	\$295.50	\$4.00	\$300.00	\$4.00	\$300.00

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
M-7H	Linestriping – ADA Symbol (Thermoplastic)	2	EA	\$250.00	\$500.00	\$262.50	\$525.00	\$250.00	\$500.00	\$275.00	\$550.00
M-8	Restoration of Lawn Areas (3' average width)	1,000	LF	\$1.50	\$1,500.00	\$2.00	\$2,000.00	\$1.50	\$1,500.00	\$1.60	\$1,600.00
ADD ALTERNATE NO. 22 TOTAL					\$62,514.25		\$68,110.50		\$66,817.00		\$71,390.00
ADD ALTERNATE NO. 23 - VAA PARKING LOT – ADDITIONAL PARKING											
M-2A	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	200	TN	\$68.82	\$13,764.00	\$80.00	\$16,000.00	\$79.29	\$15,858.00	\$72.00	\$14,400.00
M-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	700	SY	\$7.26	\$5,082.00	\$7.00	\$4,900.00	\$7.34	\$5,138.00	\$8.70	\$6,090.00
M-12	8" Compacted Bituminous Millings Subbase including Excavation, Preparation of Subgrade, and Placement of Bituminous Millings	700	SY	\$4.00	\$2,800.00	\$20.00	\$14,000.00	\$24.00	\$16,800.00	\$7.80	\$5,460.00
ADD ALTERNATE NO. 23 TOTAL					\$21,646.00		\$34,900.00		\$37,796.00		\$25,950.00
<i>TOWNSHIP OF COLLIER</i>											
ADD ALTERNATE NO. 24 – ANNANDALE DRIVE (HOUSE NO. 3151 TO GOLF CART TRAIL)											
C-1	Roadway Milling / Profiling, Variable Depth	3,300	SY	\$2.08	\$6,864.00	\$2.00	\$6,600.00	\$2.34	\$7,722.00	\$2.75	\$9,075.00
C-2A	2½" Average Depth, Superpave WMA Binder (Leveling) Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	530	TN	\$68.82	\$36,474.60	\$79.00	\$41,870.00	\$82.28	\$43,608.40	\$72.00	\$38,160.00
C-3	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	3,300	SY	\$7.26	\$23,958.00	\$7.00	\$23,100.00	\$7.58	\$25,014.00	\$8.70	\$28,710.00
C-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	375	SY	\$27.85	\$10,443.75	\$38.00	\$14,250.00	\$25.00	\$9,375.00	\$30.00	\$11,250.00
C-5	3' Minimum Width Keyway Milling	80	LF	\$1.00	\$80.00	\$1.50	\$120.00	\$2.00	\$160.00	\$1.20	\$96.00
C-6	Bituminous Wedge Curb	50	LF	\$1.00	\$50.00	\$2.00	\$100.00	\$2.00	\$100.00	\$1.30	\$65.00
C-7	Adjust Inlets to Grade	4	EA	\$250.00	\$1,000.00	\$275.00	\$1,100.00	\$240.00	\$960.00	\$1,100.00	\$4,400.00
C-8	Adjust Manholes to Grade	1	EA	\$250.00	\$250.00	\$275.00	\$275.00	\$220.00	\$220.00	\$1,125.00	\$1,125.00
C-10	Restoration of Lawn Areas (3' average width)	1,500	LF	\$1.50	\$2,250.00	\$2.00	\$3,000.00	\$1.50	\$2,250.00	\$1.60	\$2,400.00
C-11	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	\$2,400.00	\$2,400.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$1,600.00	\$1,600.00
ADD ALTERNATE NO. 24 TOTAL					\$83,770.35		\$91,915.00		\$89,909.40		\$96,881.00
ADD ALTERNATE NO. 25 – SUBURBAN AVENUE (SUNNYSIDE AVENUE TO MAPLE AVENUE)											
C-1	Roadway Milling / Profiling, Variable Depth	3,625	SY	\$2.08	\$7,540.00	\$2.00	\$7,250.00	\$2.34	\$8,482.50	\$2.80	\$10,150.00
C-2A	2½" Average Depth, Superpave WMA Binder (Leveling) Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	600	TN	\$68.82	\$41,292.00	\$77.00	\$46,200.00	\$82.28	\$49,368.00	\$72.00	\$43,200.00
C-3	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	3,625	SY	\$7.26	\$26,317.50	\$7.00	\$25,375.00	\$7.58	\$27,477.50	\$8.70	\$31,537.50
C-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	375	SY	\$27.85	\$10,443.75	\$38.00	\$14,250.00	\$25.00	\$9,375.00	\$30.00	\$11,250.00

BID TABULATION

TOWNSHIP OF MOON
 CONTRACT NO. 20-R01
 2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
C-5	3' Minimum Width Keyway Milling	300	LF	\$1.00	\$300.00	\$1.50	\$450.00	\$2.00	\$600.00	\$1.25	\$375.00
C-6	Bituminous Wedge Curb	50	LF	\$1.00	\$50.00	\$2.00	\$100.00	\$2.00	\$100.00	\$1.35	\$67.50
C-7	Adjust Inlets to Grade	12	EA	\$250.00	\$3,000.00	\$275.00	\$3,300.00	\$240.00	\$2,880.00	\$1,100.00	\$13,200.00
C-8	Adjust Manholes to Grade	1	EA	\$250.00	\$250.00	\$275.00	\$275.00	\$220.00	\$220.00	\$1,125.00	\$1,125.00
C-10	Restoration of Lawn Areas (3' average width)	2,000	LF	\$1.50	\$3,000.00	\$2.00	\$4,000.00	\$1.50	\$3,000.00	\$1.60	\$3,200.00
C-11	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	\$2,400.00	\$2,400.00	\$2,500.00	\$2,500.00	\$550.00	\$550.00	\$1,600.00	\$1,600.00
C-12	Linestriping – Bike Lane Symbol or Crossing Lettering	14	EA	\$415.00	\$5,810.00	\$250.00	\$3,500.00	\$420.00	\$5,880.00	\$460.00	\$6,440.00
ADD ALTERNATE NO. 25 TOTAL					\$100,403.25		\$107,200.00		\$107,933.00		\$122,145.00
ADD ALTERNATE NO. 26 – WOODHALL COURT (MERIDIAN DRIVE TO CUL-DE-SAC)											
C-1	Roadway Milling / Profiling, Variable Depth	4,125	SY	\$2.08	\$8,580.00	\$2.00	\$8,250.00	\$2.34	\$9,652.50	\$2.80	\$11,550.00
C-2A	2½" Average Depth, Superpave WMA Binder (Leveling) Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	655	TN	\$68.82	\$45,077.10	\$77.00	\$50,435.00	\$82.28	\$53,893.40	\$72.00	\$47,160.00
C-3	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	4,125	SY	\$7.26	\$29,947.50	\$6.85	\$28,256.25	\$7.58	\$31,267.50	\$8.70	\$35,887.50
C-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	425	SY	\$27.83	\$11,827.75	\$38.00	\$16,150.00	\$25.00	\$10,625.00	\$30.00	\$12,750.00
C-5	3' Minimum Width Keyway Milling	40	LF	\$1.00	\$40.00	\$1.50	\$60.00	\$2.00	\$80.00	\$1.25	\$50.00
C-6	Bituminous Wedge Curb	50	LF	\$1.00	\$50.00	\$2.00	\$100.00	\$2.00	\$100.00	\$1.60	\$80.00
C-7	Adjust Inlets to Grade	9	EA	\$250.00	\$2,250.00	\$275.00	\$2,475.00	\$240.00	\$2,160.00	\$1,100.00	\$9,900.00
C-10	Restoration of Lawn Areas (3' average width)	2,100	LF	\$1.50	\$3,150.00	\$2.00	\$4,200.00	\$1.50	\$3,150.00	\$1.60	\$3,360.00
C-11	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	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$1,600.00	\$1,600.00
ADD ALTERNATE NO. 26 TOTAL					\$102,722.35		\$111,426.25		\$111,528.40		\$122,337.50
ADD ALTERNATE NO. 27 – SCOTTS RUN ROAD (BALDWIN ROAD TO GAS METER PULLOFF)											
C-2B	¾" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	575	TN	\$91.00	\$52,325.00	\$79.00	\$45,425.00	\$93.60	\$53,820.00	\$86.00	\$49,450.00
C-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	975	SY	\$27.85	\$27,153.75	\$38.00	\$37,050.00	\$25.00	\$24,375.00	\$30.00	\$29,250.00
C-5	3' Minimum Width Keyway Milling	100	LF	\$1.00	\$100.00	\$1.50	\$150.00	\$2.00	\$200.00	\$1.20	\$120.00
C-10	Restoration of Lawn Areas (3' average width)	6,700	LF	\$1.50	\$10,050.00	\$2.00	\$13,400.00	\$1.50	\$10,050.00	\$1.60	\$10,720.00
C-11	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	\$1,800.00	\$1,800.00	\$100.00	\$100.00	\$950.00	\$950.00	\$800.00	\$800.00

BID TABULATION

TOWNSHIP OF MOON
CONTRACT NO. 20-R01
2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
				UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
ADD ALTERNATE NO. 27 TOTAL					\$91,428.75		\$96,125.00		\$89,395.00		\$90,340.00
ADD ALTERNATE NO. 28 – SCOTTS RUN ROAD (GAS METER PULLOFF TO NOBLESTOWN ROAD)											
C-2B	¾" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	575	TN	\$91.00	\$52,325.00	\$77.00	\$44,275.00	\$93.60	\$53,820.00	\$86.00	\$49,450.00
C-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	975	SY	\$27.85	\$27,153.75	\$38.00	\$37,050.00	\$25.00	\$24,375.00	\$30.00	\$29,250.00
C-5	3' Minimum Width Keyway Milling	200	LF	\$1.00	\$200.00	\$1.75	\$350.00	\$2.00	\$400.00	\$1.25	\$250.00
C-10	Restoration of Lawn Areas (3' average width)	6,400	LF	\$1.50	\$9,600.00	\$2.00	\$12,800.00	\$1.50	\$9,600.00	\$1.60	\$10,240.00
C-11	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	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00	\$950.00	\$950.00	\$1,600.00	\$1,600.00
ADD ALTERNATE NO. 28 TOTAL					\$91,078.75		\$95,475.00		\$89,145.00		\$90,790.00
<i>TOWNSHIP OF NORTH FAYETTE</i>											
ADD ALTERNATE NO. 29 – HANKEY FARMS DRIVE (STEUBENVILLE PIKE TO HOLSTEIN DRIVE)											
NF-1	Roadway Milling / Profiling, Variable Depth	3,575	SY	\$2.08	\$7,436.00	\$2.00	\$7,150.00	\$2.84	\$10,153.00	\$2.75	\$9,831.25
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	235	TN	\$88.00	\$20,680.00	\$80.00	\$18,800.00	\$92.38	\$21,709.30	\$86.00	\$20,210.00
NF-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	3,575	SY	\$7.26	\$25,954.50	\$7.00	\$25,025.00	\$7.45	\$26,633.75	\$8.70	\$31,102.50
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	375	SY	\$27.85	\$10,443.75	\$38.00	\$14,250.00	\$25.00	\$9,375.00	\$30.00	\$11,250.00
NF-5	3' Minimum Width Keyway Milling	200	LF	\$1.00	\$200.00	\$1.50	\$300.00	\$2.00	\$400.00	\$1.25	\$250.00
NF-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	\$2,400.00	\$2,400.00	\$500.00	\$500.00	\$750.00	\$750.00	\$1,600.00	\$1,600.00
NF-9	Restoration of Lawn Areas (3' average width)	2,150	LF	\$1.50	\$3,225.00	\$2.00	\$4,300.00	\$1.50	\$3,225.00	\$1.60	\$3,440.00
ADD ALTERNATE NO. 29 TOTAL					\$70,339.25		\$70,325.00		\$72,246.05		\$77,683.75
ADD ALTERNATE NO. 30 – HANKEY FARMS DRIVE (HOLSTEIN DRIVE TO STEUBENVILLE PIKE)											
NF-1	Roadway Milling / Profiling, Variable Depth	4,200	SY	\$2.08	\$8,736.00	\$1.75	\$7,350.00	\$2.84	\$11,928.00	\$2.75	\$11,550.00
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	275	TN	\$88.00	\$24,200.00	\$79.00	\$21,725.00	\$92.38	\$25,404.50	\$86.00	\$23,650.00
NF-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	4,200	SY	\$7.26	\$30,492.00	\$6.85	\$28,770.00	\$7.45	\$31,290.00	\$8.70	\$36,540.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	450	SY	\$27.85	\$12,532.50	\$38.00	\$17,100.00	\$25.00	\$11,250.00	\$30.00	\$13,500.00
NF-5	3' Minimum Width Keyway Milling	200	LF	\$1.00	\$200.00	\$1.50	\$300.00	\$2.00	\$400.00	\$1.20	\$240.00

BID TABULATION

TOWNSHIP OF MOON
CONTRACT NO. 20-R01
2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
NF-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	\$2,400.00	\$2,400.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,600.00	\$1,600.00
NF-9	Restoration of Lawn Areas (3' average width)	2,500	LF	\$1.50	\$3,750.00	\$2.00	\$5,000.00	\$1.50	\$3,750.00	\$1.60	\$4,000.00
ADD ALTERNATE NO. 30 TOTAL					\$82,310.50		\$81,245.00		\$85,022.50		\$91,080.00
ADD ALTERNATE NO. 31 – HANKEY FARMS DRIVE (STEBENVILLE PIKE TO STEBENVILLE PIKE)											
NF-1	Roadway Milling / Profiling, Variable Depth	7,775	SY	\$2.08	\$16,172.00	\$1.75	\$13,606.25	\$2.84	\$22,081.00	\$2.80	\$21,770.00
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	360	TN	\$88.00	\$31,680.00	\$79.00	\$28,440.00	\$92.38	\$33,256.80	\$86.00	\$30,960.00
NF-3B	1" Depth, Superpave WMA Wearing Course, 6.3 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 412	7,775	SY	\$6.10	\$47,427.50	\$6.00	\$46,650.00	\$6.74	\$52,403.50	\$7.30	\$56,757.50
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	825	SY	\$27.85	\$22,976.25	\$38.00	\$31,350.00	\$25.00	\$20,625.00	\$35.00	\$28,875.00
NF-5	3' Minimum Width Keyway Milling	400	LF	\$1.00	\$400.00	\$1.50	\$600.00	\$2.00	\$800.00	\$1.20	\$480.00
NF-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	\$2,600.00	\$2,600.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$3,100.00	\$3,100.00
NF-9	Restoration of Lawn Areas (3' average width)	4,650	LF	\$1.50	\$6,975.00	\$2.00	\$9,300.00	\$1.50	\$6,975.00	\$1.60	\$7,440.00
ADD ALTERNATE NO. 31 TOTAL					\$128,230.75		\$130,446.25		\$137,641.30		\$149,382.50
ADD ALTERNATE NO. 32 – CHELSEA DRIVE (TIMBERGLEN DRIVE TO CUL-DE-SAC)											
NF-1	Roadway Milling / Profiling, Variable Depth	4,275	SY	\$2.08	\$8,892.00	\$1.75	\$7,481.25	\$2.84	\$12,141.00	\$2.80	\$11,970.00
NF-2A	2½" Average Depth, Superpave WMA Binder (Leveling) Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	680	TN	\$68.82	\$46,797.60	\$78.00	\$53,040.00	\$80.84	\$54,971.20	\$76.00	\$51,680.00
NF-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	4,275	SY	\$7.26	\$31,036.50	\$6.85	\$29,283.75	\$7.45	\$31,848.75	\$8.70	\$37,192.50
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	475	SY	\$27.85	\$13,228.75	\$38.00	\$18,050.00	\$25.00	\$11,875.00	\$35.00	\$16,625.00
NF-5	3' Minimum Width Keyway Milling	80	LF	\$1.00	\$80.00	\$1.50	\$120.00	\$2.00	\$160.00	\$1.20	\$96.00
NF-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	\$2,400.00	\$2,400.00	\$500.00	\$500.00	\$850.00	\$850.00	\$1,600.00	\$1,600.00
NF-9	Restoration of Lawn Areas (3' average width)	1,700	LF	\$1.50	\$2,550.00	\$2.00	\$3,400.00	\$1.50	\$2,550.00	\$1.60	\$2,720.00
ADD ALTERNATE NO. 32 TOTAL					\$104,984.85		\$111,875.00		\$114,395.95		\$121,883.50
ADD ALTERNATE NO. 33 – SILO COURT (FARMCREST DRIVE TO CUL-DE-SAC)											

BID TABULATION

TOWNSHIP OF MOON
CONTRACT NO. 20-R01
2020 ROADWAY IMPROVEMENT PROGRAM

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				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
NF-1	Roadway Milling / Profiling, Variable Depth	2,250	SY	\$2.08	\$4,680.00	\$2.50	\$5,625.00	\$2.84	\$6,390.00	\$2.75	\$6,187.50
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	115	TN	\$88.00	\$10,120.00	\$82.00	\$9,430.00	\$92.38	\$10,623.70	\$86.00	\$9,890.00
NF-3B	1" Depth, Superpave WMA Wearing Course, 6.3 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 412	2,250	SY	\$6.10	\$13,725.00	\$6.50	\$14,625.00	\$6.74	\$15,165.00	\$7.30	\$16,425.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	250	SY	\$27.85	\$6,962.50	\$38.00	\$9,500.00	\$25.00	\$6,250.00	\$30.00	\$7,500.00
NF-5	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$1.30	\$97.50
NF-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	\$1,600.00	\$1,600.00	\$500.00	\$500.00	\$500.00	\$500.00	\$800.00	\$800.00
NF-9	Restoration of Lawn Areas (3' average width)	850	LF	\$1.50	\$1,275.00	\$2.00	\$1,700.00	\$1.50	\$1,275.00	\$1.60	\$1,360.00
ADD ALTERNATE NO. 33 TOTAL					\$38,437.50		\$41,492.50		\$40,353.70		\$42,260.00
ADD ALTERNATE NO. 34 – TIMBERGLEN DRIVE (WALDEN WAY TO CHELSEA DRIVE)											
NF-1	Roadway Milling / Profiling, Variable Depth	2,750	SY	\$2.08	\$5,720.00	\$2.25	\$6,187.50	\$2.84	\$7,810.00	\$2.80	\$7,700.00
NF-2A	2½" Average Depth, Superpave WMA Binder (Leveling) Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	440	TN	\$68.82	\$30,280.80	\$78.00	\$34,320.00	\$80.84	\$35,569.60	\$86.00	\$37,840.00
NF-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,750	SY	\$7.26	\$19,965.00	\$7.00	\$19,250.00	\$7.45	\$20,487.50	\$8.70	\$23,925.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	300	SY	\$27.85	\$8,355.00	\$38.00	\$11,400.00	\$25.00	\$7,500.00	\$30.00	\$9,000.00
NF-5	3' Minimum Width Keyway Milling	150	LF	\$1.00	\$150.00	\$1.50	\$225.00	\$2.00	\$300.00	\$1.25	\$187.50
NF-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	\$1,800.00	\$1,800.00	\$500.00	\$500.00	\$550.00	\$550.00	\$1,600.00	\$1,600.00
NF-9	Restoration of Lawn Areas (3' average width)	2,100	LF	\$1.50	\$3,150.00	\$2.00	\$4,200.00	\$1.50	\$3,150.00	\$1.60	\$3,360.00
ADD ALTERNATE NO. 34 TOTAL					\$69,420.80		\$76,082.50		\$75,367.10		\$83,612.50
ADD ALTERNATE NO. 35 – FARM CREST DRIVE (STEBENVILLE PIKE TO PALOMINO DRIVE)											
NF-1	Roadway Milling / Profiling, Variable Depth	2,400	SY	\$2.08	\$4,992.00	\$2.00	\$4,800.00	\$2.84	\$6,816.00	\$2.80	\$6,720.00
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	150	TN	\$88.00	\$13,200.00	\$80.00	\$12,000.00	\$92.38	\$13,857.00	\$86.00	\$12,900.00
NF-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	2,400	SY	\$7.26	\$17,424.00	\$7.00	\$16,800.00	\$7.45	\$17,880.00	\$8.70	\$20,880.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	275	SY	\$27.85	\$7,658.75	\$38.00	\$10,450.00	\$25.00	\$6,875.00	\$30.00	\$8,250.00
NF-5	3' Minimum Width Keyway Milling	120	LF	\$1.00	\$120.00	\$1.50	\$180.00	\$2.00	\$240.00	\$1.20	\$144.00

BID TABULATION

TOWNSHIP OF MOON
CONTRACT NO. 20-R01
2020 ROADWAY IMPROVEMENT PROGRAM

BIDS OPENED: MARCH 18, 2020 AT 11:00 AM

				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
NF-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	\$1,800.00	\$1,800.00	\$500.00	\$500.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
NF-9	Restoration of Lawn Areas (3' average width)	1,225	LF	\$1.50	\$1,837.50	\$2.00	\$2,450.00	\$1.50	\$1,837.50	\$1.60	\$1,960.00
ADD ALTERNATE NO. 35 TOTAL					\$47,032.25		\$47,180.00		\$48,005.50		\$52,054.00
ADD ALTERNATE NO. 36 – FARM CREST DRIVE (PALOMINO DRIVE TO SILO COURT)											
NF-1	Roadway Milling / Profiling, Variable Depth	1,800	SY	\$2.08	\$3,744.00	\$3.00	\$5,400.00	\$2.84	\$5,112.00	\$2.80	\$5,040.00
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	115	TN	\$88.00	\$10,120.00	\$80.00	\$9,200.00	\$92.38	\$10,623.70	\$86.00	\$9,890.00
NF-3A	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	1,800	SY	\$7.26	\$13,068.00	\$7.50	\$13,500.00	\$7.45	\$13,410.00	\$8.70	\$15,660.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	200	SY	\$27.85	\$5,570.00	\$38.00	\$7,600.00	\$25.00	\$5,000.00	\$30.00	\$6,000.00
NF-5	3' Minimum Width Keyway Milling	70	LF	\$1.00	\$70.00	\$1.50	\$105.00	\$2.00	\$140.00	\$1.25	\$87.50
NF-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	\$1,800.00	\$1,800.00	\$500.00	\$500.00	\$450.00	\$450.00	\$800.00	\$800.00
NF-9	Restoration of Lawn Areas (3' average width)	900	LF	\$1.50	\$1,350.00	\$2.00	\$1,800.00	\$1.50	\$1,350.00	\$1.60	\$1,440.00
ADD ALTERNATE NO. 36 TOTAL					\$35,722.00		\$38,105.00		\$36,085.70		\$38,917.50
ADD ALTERNATE NO. 37 – FARM CREST DRIVE (STEUBENVILLE PIKE TO SILO COURT)											
NF-1	Roadway Milling / Profiling, Variable Depth	4,200	SY	\$2.08	\$8,736.00	\$1.75	\$7,350.00	\$2.84	\$11,928.00	\$2.80	\$11,760.00
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	195	TN	\$88.00	\$17,160.00	\$80.00	\$15,600.00	\$92.38	\$18,014.10	\$86.00	\$16,770.00
NF-3B	1" Depth, Superpave WMA Wearing Course, 6.3 mm, 0 to 0.3 million Design ESALs, PG 76-22, SRL-H, Section 412	4,200	SY	\$6.10	\$25,620.00	\$6.25	\$26,250.00	\$6.74	\$28,308.00	\$7.30	\$30,660.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	450	SY	\$27.85	\$12,532.50	\$38.00	\$17,100.00	\$25.00	\$11,250.00	\$30.00	\$13,500.00
NF-5	3' Minimum Width Keyway Milling	70	LF	\$1.00	\$70.00	\$1.50	\$105.00	\$2.00	\$140.00	\$1.25	\$87.50
NF-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	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00	\$850.00	\$850.00	\$1,600.00	\$1,600.00
NF-9	Restoration of Lawn Areas (3' average width)	2,200	LF	\$1.50	\$3,300.00	\$2.00	\$4,400.00	\$1.50	\$3,300.00	\$1.60	\$3,520.00
ADD ALTERNATE NO. 37 TOTAL					\$69,218.50		\$71,805.00		\$73,790.10		\$77,897.50
ADD ALTERNATE NO. 38 – BROOKTREE COURT (HARVESTER DRIVE TO CUL-DE-SAC)											
NF-1	Roadway Milling / Profiling, Variable Depth	2,300	SY	\$2.08	\$4,784.00	\$2.25	\$5,175.00	\$2.84	\$6,532.00	\$2.80	\$6,440.00

BID TABULATION

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				Youngblood Paving, Inc. 2516 State Route 18 Wamoum, PA 16157		Independent Enterprises, Inc. 5020 Thoms Run Road Oakdale, PA 15071		El Grande Industries, Inc. 1600 Meldon Avenue Donora, PA 15033		A. Folino Construction, Inc. 109 Dark Hollow Road Oakmont, PA 15139	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
NF-2B	1½" Average Depth, Superpave WMA Wearing (Leveling) Course, 9.5 mm Fine Grade, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	115	TN	\$88.00	\$10,120.00	\$80.00	\$9,200.00	\$92.38	\$10,623.70	\$86.00	\$9,890.00
NF-3B	1" Depth, Superpave WMA Wearing Course, 6.3 mm, 0 to 0.3 million Design ESALs, PG 76-22, SRL-H, Section 412	2,300	SY	\$6.10	\$14,030.00	\$6.50	\$14,950.00	\$6.74	\$15,502.00	\$7.30	\$16,790.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	250	SY	\$27.85	\$6,962.50	\$38.00	\$9,500.00	\$25.00	\$6,250.00	\$30.00	\$7,500.00
NF-5	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$1.30	\$97.50
NF-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	\$1,600.00	\$1,600.00	\$500.00	\$500.00	\$500.00	\$500.00	\$800.00	\$800.00
NF-9	Restoration of Lawn Areas (3' average width)	800	LF	\$1.50	\$1,200.00	\$2.00	\$1,600.00	\$1.50	\$1,200.00	\$1.60	\$1,280.00
ADD ALTERNATE NO. 38 TOTAL					\$38,771.50		\$41,037.50		\$40,757.70		\$42,797.50
ADD ALTERNATE NO. 39 – WEST ALLEGHENY ROAD (STEBENVILLE PIKE TO MAIN STREET)											
NF-1	Roadway Milling / Profiling, Variable Depth	4,100	SY	\$2.08	\$8,528.00	\$1.75	\$7,175.00	\$2.84	\$11,644.00	\$2.80	\$11,480.00
NF-2A	2½" Average Depth, Superpave WMA Binder (Leveling) Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	600	TN	\$68.82	\$41,292.00	\$77.00	\$46,200.00	\$80.84	\$48,504.00	\$76.00	\$45,600.00
NF-2C	6" Average Depth, Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	1,000	TN	\$68.00	\$68,000.00	\$75.00	\$75,000.00	\$79.50	\$79,500.00	\$70.00	\$70,000.00
NF-3C	2" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 412	7,500	SY	\$8.58	\$64,350.00	\$9.75	\$73,125.00	\$9.95	\$74,625.00	\$8.80	\$66,000.00
NF-4	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	250	SY	\$27.85	\$6,962.50	\$38.00	\$9,500.00	\$25.00	\$6,250.00	\$35.00	\$8,750.00
NF-6	Bituminous Wedge Curb	3,000	LF	\$1.00	\$3,000.00	\$2.00	\$6,000.00	\$2.00	\$6,000.00	\$1.30	\$3,900.00
NF-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	\$3,600.00	\$3,600.00	\$1,000.00	\$1,000.00	\$7,000.00	\$7,000.00	\$3,200.00	\$3,200.00
NF-9	Restoration of Lawn Areas (3' average width)	8,000	LF	\$1.50	\$12,000.00	\$2.00	\$16,000.00	\$1.50	\$12,000.00	\$1.60	\$12,800.00
NF-12	12" Limestone Subbase including 23" Excavation, Preparation of Subgrade and Installation of Class IV Fabric, 8" AASHTO No. 1 Choked with 4" PennDOT 2A	3,400	SY	\$62.00	\$210,800.00	\$59.00	\$200,600.00	\$78.00	\$265,200.00	\$51.00	\$173,400.00
NF-15A	Linestriping - 4" Single Solid White (Type II Traffic Paint)	3,300	LF	\$0.12	\$396.00	\$0.12	\$396.00	\$0.15	\$495.00	\$0.15	\$495.00
NF-15B	Linestriping - 4" Double Solid Yellow (Type II Traffic Paint)	1,650	LF	\$0.24	\$396.00	\$0.25	\$412.50	\$0.25	\$412.50	\$0.25	\$412.50
ADD ALTERNATE NO. 39 TOTAL					\$419,324.50		\$435,408.50		\$511,630.50		\$396,037.50
<i>TOWNSHIP OF CRESCENT</i>											
ADD ALTERNATE NO. 40 – SAUTTER DRIVE EXTENSION (SAUTTER DRIVE TO END)											
CR-1	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	90	TN	\$68.82	\$6,193.80	\$85.00	\$7,650.00	\$134.90	\$12,141.00	\$76.00	\$6,840.00
CR-2	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	530	SY	\$7.26	\$3,847.80	\$7.50	\$3,975.00	\$11.85	\$6,280.50	\$8.70	\$4,611.00

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
CR-3	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	100	SY	\$27.85	\$2,785.00	\$38.00	\$3,800.00	\$35.00	\$3,500.00	\$30.00	\$3,000.00
CR-4	Bituminous Driveway Adjust-ment including Demolition, Excavation, 4" PennDOT 2A, 3" Superpave WMA Binder Course and 1½" Superpave WMA Wearing Course, SRL-H	20	SY	\$33.50	\$670.00	\$35.00	\$700.00	\$25.00	\$500.00	\$66.00	\$1,320.00
CR-6	3' Minimum Width Keyway Milling	70	LF	\$1.00	\$70.00	\$1.50	\$105.00	\$2.00	\$140.00	\$1.50	\$105.00
CR-7	Bituminous Wedge Curb Spot Repair	30	LF	\$5.00	\$150.00	\$2.00	\$60.00	\$2.00	\$60.00	\$2.20	\$66.00
CR-10	Restoration of Lawn Areas (3' average width)	350	LF	\$1.50	\$525.00	\$2.00	\$700.00	\$2.00	\$700.00	\$1.60	\$560.00
ADD ALTERNATE NO. 40 TOTAL					\$14,241.60		\$16,990.00		\$23,321.50		\$16,502.00
ADD ALTERNATE NO. 41 – LOCUST ROAD (BRODHEAD ROAD TO SHADY DRIVE)											
CR-1	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	195	TN	\$68.82	\$13,419.90	\$80.00	\$15,600.00	\$134.90	\$26,305.50	\$76.00	\$14,820.00
CR-2	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	1,200	SY	\$7.26	\$8,712.00	\$7.00	\$8,400.00	\$11.85	\$14,220.00	\$8.70	\$10,440.00
CR-3	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	240	SY	\$27.85	\$6,684.00	\$38.00	\$9,120.00	\$35.00	\$8,400.00	\$30.00	\$7,200.00
CR-4	Bituminous Driveway Adjust-ment including Demolition, Excavation, 4" PennDOT 2A, 3" Superpave WMA Binder Course and 1½" Superpave WMA Wearing Course, SRL-H	70	SY	\$33.50	\$2,345.00	\$25.00	\$1,750.00	\$25.00	\$1,750.00	\$60.50	\$4,235.00
CR-6	3' Minimum Width Keyway Milling	150	LF	\$1.00	\$150.00	\$1.50	\$225.00	\$2.00	\$300.00	\$1.50	\$225.00
CR-10	Restoration of Lawn Areas (3' average width)	1,500	LF	\$1.50	\$2,250.00	\$2.00	\$3,000.00	\$1.50	\$2,250.00	\$1.60	\$2,400.00
ADD ALTERNATE NO. 41 TOTAL					\$33,560.90		\$38,095.00		\$53,225.50		\$39,320.00
ADD ALTERNATE NO. 42 – JEANETTE STREET (McGOVERN BOULEVARD TO McKEE ROAD)											
CR-1	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	90	TN	\$68.82	\$6,193.80	\$82.00	\$7,380.00	\$134.90	\$12,141.00	\$75.50	\$6,795.00
CR-2	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	475	SY	\$7.26	\$3,448.50	\$7.25	\$3,443.75	\$11.85	\$5,628.75	\$8.70	\$4,132.50
CR-3	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	60	SY	\$27.85	\$1,671.00	\$38.00	\$2,280.00	\$35.00	\$2,100.00	\$30.00	\$1,800.00
CR-6	3' Minimum Width Keyway Milling	75	LF	\$1.00	\$75.00	\$1.50	\$112.50	\$2.00	\$150.00	\$1.50	\$112.50
CR-7	Bituminous Wedge Curb Spot Repair	25	LF	\$5.00	\$125.00	\$2.00	\$50.00	\$2.00	\$50.00	\$2.20	\$55.00
CR-9	8" Average Depth Compacted Millings Subbase with Class IV Geotextile Fabric Underneath (2' Average Width)	55	SY	\$6.00	\$330.00	\$50.00	\$2,750.00	\$40.00	\$2,200.00	\$7.85	\$431.75
CR-10	Restoration of Lawn Areas (3' average width)	650	LF	\$1.50	\$975.00	\$2.00	\$1,300.00	\$2.00	\$1,300.00	\$1.60	\$1,040.00
ADD ALTERNATE NO. 42 TOTAL					\$12,818.30		\$17,316.25		\$23,569.75		\$14,366.75
ADD ALTERNATE NO. 43 – ERIE STREET (McKEE ROAD TO DEAD END)											
CR-1	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	140	TN	\$68.82	\$9,634.80	\$80.00	\$11,200.00	\$134.90	\$18,886.00	\$76.00	\$10,640.00

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
CR-2	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	800	SY	\$7.26	\$5,808.00	\$7.25	\$5,800.00	\$11.85	\$9,480.00	\$8.70	\$6,960.00
CR-3	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	100	SY	\$27.85	\$2,785.00	\$38.00	\$3,800.00	\$35.00	\$3,500.00	\$30.00	\$3,000.00
CR-4	Bituminous Driveway Adjust-ment including Demolition, Excavation, 4" PennDOT 2A, 3" Superpave WMA Binder Course and 1½" Superpave WMA Wearing Course, SRL-H	5	SY	\$33.50	\$167.50	\$35.00	\$175.00	\$25.00	\$125.00	\$96.00	\$480.00
CR-6	3' Minimum Width Keyway Milling	40	LF	\$1.00	\$40.00	\$1.50	\$60.00	\$2.00	\$80.00	\$1.50	\$60.00
CR-7	Bituminous Wedge Curb Spot Repair	90	LF	\$5.00	\$450.00	\$2.00	\$180.00	\$2.00	\$180.00	\$1.50	\$135.00
CR-8	Adjust Inlet to Grade	2	EA	\$250.00	\$500.00	\$275.00	\$550.00	\$325.00	\$650.00	\$1,100.00	\$2,200.00
CR-9	8" Average Depth Compacted Millings Subbase with Class IV Geotextile Fabric Underneath (2' Average Width)	55	SY	\$6.00	\$330.00	\$50.00	\$2,750.00	\$40.00	\$2,200.00	\$8.00	\$440.00
CR-10	Restoration of Lawn Areas (3' average width)	700	LF	\$1.50	\$1,050.00	\$2.00	\$1,400.00	\$1.50	\$1,050.00	\$1.60	\$1,120.00
ADD ALTERNATE NO. 43 TOTAL					\$20,765.30		\$25,915.00		\$36,151.00		\$25,035.00
ADD ALTERNATE NO. 44 – PORTER STREET (McGOVERN BOULEVARD (S.R. 51) TO CRESCENT ALLEY)											
CR-1	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	60	TN	\$68.82	\$4,129.20	\$85.00	\$5,100.00	\$134.90	\$8,094.00	\$76.00	\$4,560.00
CR-2	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	325	SY	\$7.26	\$2,359.50	\$7.50	\$2,437.50	\$11.85	\$3,851.25	\$8.70	\$2,827.50
CR-3	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	45	SY	\$27.85	\$1,253.25	\$38.00	\$1,710.00	\$35.00	\$1,575.00	\$30.00	\$1,350.00
CR-5	Bituminous Wedge Curb	215	LF	\$1.00	\$215.00	\$2.00	\$430.00	\$2.00	\$430.00	\$1.60	\$344.00
CR-6	3' Minimum Width Keyway Milling	40	LF	\$1.00	\$40.00	\$1.50	\$60.00	\$2.00	\$80.00	\$1.50	\$60.00
CR-10	Restoration of Lawn Areas (3' average width)	320	LF	\$1.50	\$480.00	\$2.00	\$640.00	\$2.00	\$640.00	\$1.60	\$512.00
ADD ALTERNATE NO. 44 TOTAL					\$8,476.95		\$10,377.50		\$14,670.25		\$9,653.50
ADD ALTERNATE NO. 45 – DENOON AVENUE (McKEE ROAD TO HINDMARCH STREET)											
CR-1	Variable Depth Average Depth, Superpave WMA Binder Course, 19 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 411	140	TN	\$68.82	\$9,634.80	\$85.00	\$11,900.00	\$134.90	\$18,886.00	\$76.00	\$10,640.00
CR-2	1½" Depth, Superpave WMA Wearing Course, 9.5 mm, 0 to 0.3 million Design ESALs, PG 64-22, SRL-H, Section 411	750	SY	\$7.26	\$5,445.00	\$7.50	\$5,625.00	\$11.85	\$8,887.50	\$8.70	\$6,525.00
CR-3	Base Repair including 10" Unclassified Excavation, Class IV Fabric, Installation of 4" Bituminous Millings and 6" Depth Superpave WMA Base Course, 25 mm, 0 to 0.3 million Design ESALs, PG 64-22, Section 311, as directed	100	SY	\$27.85	\$2,785.00	\$38.00	\$3,800.00	\$35.00	\$3,500.00	\$30.00	\$3,000.00
CR-6	3' Minimum Width Keyway Milling	100	LF	\$1.00	\$100.00	\$1.50	\$150.00	\$2.00	\$200.00	\$1.50	\$150.00
CR-9	8" Average Depth Compacted Millings Subbase with Class IV Geotextile Fabric Underneath (2' Average Width)	150	SY	\$6.00	\$900.00	\$50.00	\$7,500.00	\$35.00	\$5,250.00	\$8.00	\$1,200.00
CR-10	Restoration of Lawn Areas (3' average width)	600	LF	\$1.50	\$900.00	\$2.00	\$1,200.00	\$2.00	\$1,200.00	\$1.60	\$960.00
ADD ALTERNATE NO. 45 TOTAL					\$19,764.80		\$30,175.00		\$37,923.50		\$22,475.00