



**REDNA TERRACE AND CHESTER ROAD IMPROVEMENTS SURFACING  
VILLAGE OF WOODLAWN, OHIO  
PROJECT: 220619  
Bid Date 2/14/2024**

ENGINEER'S ESTIMATE

ADLETA CONSTRUCTION

JOHN R. JURGENSEN

FRED A. NEMANN

ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid						
1	202	CURB REMOVED	4,240	LF	\$10.00	\$42,400.00	\$9.30	\$39,432.00	\$5.65	\$23,956.00	\$10.00	\$42,400.00
2	202	REMOVE EX DRIVE APRON	6,300	SF	\$4.00	\$25,200.00	\$4.14	\$26,082.00	\$2.00	\$12,600.00	\$3.00	\$18,900.00
3	254	PAVEMENT MILLING / CHESTER RD.	4,050	SY	\$4.75	\$19,237.50	\$3.26	\$13,203.00	\$3.05	\$12,352.50	\$3.20	\$12,960.00
4	202	FULL DEPTH ASPHALT REMOVAL REDNA TER.	6,200	SY	\$30.00	\$186,000.00	\$19.30	\$119,660.00	\$24.00	\$148,800.00	\$34.50	\$213,900.00
5	204	PROOF ROLLING OF ROADWAY	12	HR	\$150.00	\$1,800.00	\$546.79	\$6,561.48	\$145.00	\$1,740.00	\$150.00	\$1,800.00
6	204	SUBGRADE STABILIZATION (AS DIRECTED BY ENGINEER)	800	CY	\$22.00	\$17,600.00	\$146.99	\$117,592.00	\$220.00	\$176,000.00	\$125.00	\$100,000.00
7	204	SUBGRADE STABILIZATION WITH GEOGRID (AS DIRECTED BY ENGINEER)	800	CY	\$30.00	\$24,000.00	\$167.50	\$134,000.00	\$230.00	\$184,000.00	\$125.00	\$100,000.00
8	301	4" BITUMINOUS AGGREGATE BASE	680	CY	\$260.00	\$176,800.00	\$208.65	\$141,882.00	\$195.00	\$132,600.00	\$205.00	\$139,400.00
9	304	6" CRUSHED LIMESTONE AGGREGATE BASE	1,200	CY	\$60.00	\$72,000.00	\$73.16	\$87,792.00	\$80.00	\$96,000.00	\$85.00	\$102,000.00
10	407	NON-TRACKING TACK COAT	610	GAL	\$4.00	\$2,440.00	\$1.07	\$652.70	\$1.00	\$610.00	\$1.50	\$915.00
11	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22 (1.5") (REDNA)	252	CY	\$290.00	\$73,080.00	\$226.84	\$57,163.68	\$212.00	\$53,424.00	\$223.00	\$56,196.00
12	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22 (1.5") (CHESTER)	168	CY	\$290.00	\$48,720.00	\$226.84	\$38,109.12	\$212.00	\$35,616.00	\$223.00	\$37,464.00
13	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (1.25") (REDNA)	209	CY	\$320.00	\$66,880.00	\$240.75	\$50,316.75	\$225.00	\$47,025.00	\$237.00	\$49,533.00
14	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (1.25") (CHESTER)	140	CY	\$320.00	\$44,800.00	\$240.75	\$33,705.00	\$225.00	\$31,500.00	\$237.00	\$33,180.00
15	452	9" DRIVEWAY APRON	700	SY	\$140.00	\$98,000.00	\$115.38	\$80,766.00	\$115.00	\$80,500.00	\$150.00	\$105,000.00
16	609	CURB AND GUTTER, TYPE 2	3,500	LF	\$60.00	\$210,000.00	30.27	\$105,945.00	\$32.00	\$112,000.00	\$35.00	\$122,500.00
17	609	DEPRESSED CURB TYPE 2 ACROSS DRIVE	745	LF	\$75.00	\$55,875.00	\$35.77	\$26,648.65	\$32.00	\$23,840.00	\$40.00	\$29,800.00
18	611	ADJUST MANHOLE TO GRADE	15	EA	\$2,000.00	\$30,000.00	\$696.19	\$10,442.85	\$700.00	\$10,500.00	\$850.00	\$12,750.00



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ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid						
19	611	REBUILD CATCH BASIN TO GRADE	13	EA	\$8,000.00	\$104,000.00	\$3,199.43	\$41,592.59	\$5,300.00	\$68,900.00	\$2,000.00	\$26,000.00
20	611	12" CONDUIT TYPE B (AS DIRECTED BY ENGINEER)	100	LF	\$200.00	\$20,000.00	\$206.07	\$20,607.00	\$116.00	\$11,600.00	\$160.00	\$16,000.00
21	611	15" CONDUIT TYPE B (AS DIRECTED BY ENGINEER)	100	LF	\$220.00	\$22,000.00	\$217.19	\$21,719.00	\$150.00	\$15,000.00	\$175.00	\$17,500.00
22	611	18" CONDUIT TYPE B (AS DIRECTED BY ENGINEER)	100	LF	\$250.00	\$25,000.00	\$241.65	\$24,165.00	\$185.00	\$18,500.00	\$210.00	\$21,000.00
23	611	24" CONDUIT TYPE B (AS DIRECTED BY ENGINEER)	100	LF	\$300.00	\$30,000.00	\$303.37	\$30,337.00	\$190.00	\$19,000.00	\$300.00	\$30,000.00
24	614	MAINTAINING TRAFFIC	1	LS	\$30,000.00	\$30,000.00	\$51,673.72	\$51,673.72	\$33,000.00	\$33,000.00	\$100,000.00	\$100,000.00
25	623	CONSTRUCTION LAYOUT	1	LS	\$18,000.00	\$18,000.00	\$6,955.00	\$6,955.00	\$13,000.00	\$13,000.00	\$20,000.00	\$20,000.00
26	624	MOBILIZATION	1	LS	\$60,000.00	\$60,000.00	\$11,911.52	\$11,911.52	\$6,000.00	\$6,000.00	\$150,000.00	\$150,000.00
27	630	SIGN POST	1	EA	\$300.00	\$300.00	\$405.12	\$405.12	\$380.00	\$380.00	\$500.00	\$500.00
28	630	SIGN, FLAT SHEET	6.25	SF	\$40.00	\$250.00	\$62.27	\$389.19	\$58.20	\$363.75	\$50.00	\$312.50
29	644	STOP LINE, 24" (WHITE)	26	FT	\$8.00	\$208.00	\$19.80	\$514.80	\$18.50	\$481.00	\$20.00	\$520.00
30	644	DOUBLE CENTER LINE, 4" (YELLOW)	2,100	LF	\$3.00	\$6,300.00	\$2.68	\$5,628.00	\$2.50	\$5,250.00	\$3.00	\$6,300.00
31	SPL	ADJUST TO GRADE	15	EA	\$1,200.00	\$18,000.00	\$370.13	\$5,551.95	\$1,500.00	\$22,500.00	\$800.00	\$12,000.00
<b>TOTAL</b>						\$1,528,890.50		\$1,311,404.12		\$1,397,038.25		\$1,578,830.50



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**BARRETT PAVING**

**RACK & BALLAUER**

**MT. PLEASANT BLACKTOP**

ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
1	202	CURB REMOVED	4,240	LF	\$15.00	\$63,600.00	\$9.75	\$41,340.00	\$10.00	\$42,400.00
2	202	REMOVE EX DRIVE APRON	6,300	SF	\$8.00	\$50,400.00	\$3.75	\$23,625.00	\$2.00	\$12,600.00
3	254	PAVEMENT MILLING / CHESTER RD.	4,050	SY	\$6.00	\$24,300.00	\$2.50	\$10,125.00	\$8.00	\$32,400.00
4	202	FULL DEPTH ASPHALT REMOVAL REDNA TER.	6,200	SY	\$19.00	\$117,800.00	\$31.00	\$192,200.00	\$20.00	\$124,000.00
5	204	PROOF ROLLING OF ROADWAY	12	HR	\$300.00	\$3,600.00	\$200.00	\$2,400.00	\$250.00	\$3,000.00
6	204	SUBGRADE STABILIZATION (AS DIRECTED BY ENGINEER)	800	CY	\$197.50	\$158,000.00	\$425.00	\$340,000.00	\$385.00	\$308,000.00
7	204	SUBGRADE STABILIZATION WITH GEOGRID (AS DIRECTED BY ENGINEER)	800	CY	\$217.50	\$174,000.00	\$430.00	\$344,000.00	\$445.00	\$356,000.00
8	301	4" BITUMINOUS AGGREGATE BASE	680	CY	\$245.00	\$166,600.00	\$210.00	\$142,800.00	\$188.00	\$127,840.00
9	304	6" CRUSHED LIMESTONE AGGREGATE BASE	1,200	CY	\$150.00	\$180,000.00	\$78.00	\$93,600.00	\$68.00	\$81,600.00
10	407	NON-TRACKING TACK COAT	610	GAL	\$4.00	\$2,440.00	\$4.00	\$2,440.00	\$4.00	\$2,440.00
11	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22 (1.5") (REDNA)	252	CY	\$335.40	\$84,520.80	\$250.00	\$63,000.00	\$241.00	\$60,732.00
12	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22 (1.5") (CHESTER)	168	CY	\$245.00	\$41,160.00	\$250.00	\$42,000.00	\$241.00	\$40,488.00
13	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (1.25") (REDNA)	209	CY	\$260.00	\$54,340.00	\$250.00	\$52,250.00	\$246.00	\$51,414.00
14	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (1.25") (CHESTER)	140	CY	\$260.00	\$36,400.00	\$250.00	\$35,000.00	\$246.00	\$34,440.00
15	452	9" DRIVEWAY APRON	700	SY	\$95.00	\$66,500.00	\$120.00	\$84,000.00	\$175.00	\$122,500.00
16	609	CURB AND GUTTER, TYPE 2	3,500	LF	\$26.00	\$91,000.00	\$34.00	\$119,000.00	\$31.00	\$108,500.00
17	609	DEPRESSED CURB TYPE 2 ACROSS DRIVE	745	LF	\$26.00	\$19,370.00	\$40.00	\$29,800.00	\$41.00	\$30,545.00
18	611	ADJUST MANHOLE TO GRADE	15	EA	\$1,750.00	\$26,250.00	\$850.00	\$12,750.00	\$850.00	\$12,750.00



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19	611	REBUILD CATCH BASIN TO GRADE	13	EA	\$2,000.00	\$26,000.00	\$3,000.00	\$39,000.00	\$4,200.00	\$54,600.00
20	611	12" CONDUIT TYPE B (AS DIRECTED BY ENGINEER)	100	LF	\$95.00	\$9,500.00	\$118.00	\$11,800.00	\$325.00	\$32,500.00
21	611	15" CONDUIT TYPE B (AS DIRECTED BY ENGINEER)	100	LF	\$105.00	\$10,500.00	\$134.00	\$13,400.00	\$345.00	\$34,500.00
22	611	18" CONDUIT TYPE B (AS DIRECTED BY ENGINEER)	100	LF	\$115.00	\$11,500.00	\$150.00	\$15,000.00	\$430.00	\$43,000.00
23	611	24" CONDUIT TYPE B (AS DIRECTED BY ENGINEER)	100	LF	\$130.00	\$13,000.00	\$186.00	\$18,600.00	\$480.00	\$48,000.00
24	614	MAINTAINING TRAFFIC	1	LS	\$174,346.63	\$174,346.63	\$45,000.00	\$45,000.00	\$95,000.00	\$95,000.00
25	623	CONSTRUCTION LAYOUT	1	LS	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00	\$32,000.00	\$32,000.00
26	624	MOBILIZATION	1	LS	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00	\$15,000.00	\$15,000.00
27	630	SIGN POST	1	EA	\$378.62	\$378.62	\$75.00	\$75.00	\$45.00	\$45.00
28	630	SIGN, FLAT SHEET	6.25	SF	\$58.20	\$363.75	\$40.00	\$250.00	\$100.00	\$625.00
29	644	STOP LINE, 24" (WHITE)	26	FT	\$18.50	\$481.00	\$18.50	\$481.00	\$8.00	\$208.00
30	644	DOUBLE CENTER LINE, 4" (YELLOW)	2,100	LF	\$2.50	\$5,250.00	\$2.50	\$5,250.00	\$4.50	\$9,450.00
31	SPL	ADJUST TO GRADE	15	EA	\$2,400.00	\$36,000.00	\$300.00	\$4,500.00	\$1,200.00	\$18,000.00
<b>TOTAL</b>						\$1,727,600.80		\$1,863,686.00		\$1,934,577.00