



**JOE CATTELL, PE, PS**  
Gauga County Engineer

October 15, 2016

Russell Township Board of Trustees  
c/o Charles Walder, Fiscal Officer  
P.O. Box 522  
Novelty, Ohio 44072

Re: The Asphalt Resurfacing of Watt Road, TR 158  
RS-158-16  
Second Invoice Payment

Dear Trustees:

Enclosed please find the documents related to the payment of the second invoice for the above referenced project. We recommend payment of the invoice in the amount of \$131,843.40 to Karvo Companies, Inc. Please note this is not the final invoice.

In addition, the certified payroll reports for this invoice period are included.

Should you have any questions regarding this invoice or the items included herein, please let me know.

Sincerely,

Joe Cattell, PE, PS  
Gauga County Engineer

Nicholas J. Gorris, PE  
Deputy Engineer

NJG  
Enclosure  
cc: File



**2016 Asphalt Resurfacing of Watt Rd (TR 158)**  
Russell Township, Geauga County

Bid Date **5/4/2016**  
16113

Invoice# **16182-2 rev**  
Date: **9/27/2016**  
Period:

*RS-158-16  
#2  
Pry*

Item Number	Description	Quantity	Unit	Contract	Total	Quantity	Current	Current	Total	Total	
1	10305000 CONTRACT PERFORMANCE BOND & PREMIUM	1	LUMP	2000	2,000.00	1.00	2,000.00	-	-	1.00	2,000.00
2	20242000 ANCHOR ASSEMBLY REMOVED, TYPE A	1	EACH	225	225.00	-	-	-	-	-	-
3	20238000 GUARDRAIL REMOVED	50	FEET	2.4	120.00	-	-	-	-	-	-
4	20235101 PIPE REMOVED, 24" AND UNDER, AS PP	36	FEET	26.25	945.00	36.00	945.00	-	-	36.00	945.00
5	50211000 STRUCTURE REMOVED	1	LUMP	4180	4,180.00	1.00	4,180.00	-	-	1.00	4,180.00
6	620223500 WEARING COURSE REMOVED	350	SY	12.5	4,375.00	-	-	188.00	2,350.00	188.00	2,350.00
7	720340000 BORROW, AS PP	50	CY	38.05	1,902.50	-	-	-	-	-	-
8	820232600 DITCH RELOCATION	150	FEET	5.9	885.00	150.00	885.00	-	-	150.00	885.00
9	930110000 ASPHALT CONCRETE BASE PG64-22	2100	CY	91	191,100.00	1,988.40	180,944.40	-	-	1,988.40	180,944.40
10	1030148001 ASPHALT CONCRETE BASE, PG64-22 (DRIVEWAYS)	75	CY	175	13,125.00	-	-	16.00	2,800.00	16.00	2,800.00
11	1140710000 TACK COAT, AS PP	2800	GAL	1.65	4,620.00	1,400.00	2,310.00	-	-	1,400.00	2,310.00
12	1244840500 ASP CONCR,SURF COURSE(448) TYPE 1,PG64-22, AS PP	760	CY	121	91,960.00	-	-	760.10	91,972.10	760.10	91,972.10
13	1344840600 ASP CONCR,SURF COURSE(448) TYPE 1,PG64-22 DRIVEWAYS	70	CY	205	14,350.00	-	-	36.90	7,564.50	36.90	7,564.50
14	1450311101 COFFERDAMS AND EXCAVATION BRACING	1	LUMP	3080	3,080.00	1.00	3,080.00	-	-	1.00	3,080.00
15	1551181100 CONCRETE, MISC: CUTOFF WALLS, AS PP	4	CY	1030	4,120.00	4.00	4,120.00	-	-	4.00	4,120.00
16	1651233000 TYPE 2 WATERPROOFING	70	SY	13	910.00	70.00	910.00	-	-	70.00	910.00
17	1760222000 CONCRETE MANSONRY PRECAST HEADWALL, HW-2.2	0.3	CY	3210	963.00	0.30	963.00	-	-	0.30	963.00
18	1860626110 ANCHOR ASSEMBLY, TYPE E-98	1	EACH	1985	1,985.00	-	-	-	-	-	-
19	1960616550 GUARDRAIL,TYPE 5, WITH 9' POSTS	162.5	FEET	23.2	3,770.00	-	-	-	-	-	-
20	2061411000 MAINTAINING TRAFFIC	1	LUMP	18000	18,000.00	0.50	9,000.00	0.50	9,000.00	1.00	18,000.00
21	2161421400 WORK ZONE CENTER LINE, CLASS II, AS PP	3.86	MILE	145	559.70	-	-	-	-	-	-
22	2261710100 COMPACTED AGGREGATE(RACP), AS PP	400	CY	28	11,200.00	-	-	355.60	9,956.80	355.60	9,956.80
23	2362410000 MOBILIZATION	1	LUMP	8900	8,900.00	0.50	4,450.00	0.50	4,450.00	1.00	8,900.00
24	2462600101 BARRIER REFLECTORS, TYPE A2	5	EACH	6	30.00	-	-	-	-	-	-
25	2564200290 CENTER LINE, TYPE 1, AS PP	1.93	MILE	870	1,679.10	-	-	-	-	-	-
26	2664200090 EDGE LINE, TYPE 1, AS PP	3.86	MILE	490	1,891.40	-	-	-	-	-	-
27	2764200490 STOP LINE	80	FEET	8.5	680.00	-	-	-	-	-	-
28	2865900501 SEEDING AND MULCHING, CLASS I	100	SY	5.4	540.00	100.00	540.00	-	-	100.00	540.00
29	2967115030 EROSION CONTROL MAT, TYPE C	100	SY	5.95	595.00	100.00	595.00	-	-	100.00	595.00
30	3060305700 15" CONDUIT, TYPE A, 706.02, AS PP	48	FEET	94.15	4,519.20	48.00	4,519.20	-	-	48.00	4,519.20
31	3160306401 15" CONDUIT TYPE D, 707.33, AS PP	20	FEET	40.05	801.00	20.00	801.00	-	-	20.00	801.00
32	3260394700 6"x3" CONDUIT, TYPE A, 706.05, AS PP	56	FEET	482	26,992.00	56.00	26,992.00	-	-	56.00	26,992.00
33	3360404500 CATCH BASIN, CB 2-2B, AS PP	1	EACH	1310	1,310.00	1.00	1,310.00	-	-	1.00	1,310.00
34	3460408610 PRECAST BLOCK WINGWALLS, AS PP	4	EACH	949	3,796.00	4.00	3,796.00	-	-	4.00	3,796.00
35	3569000500 MAILBOX, REMOVE AND RESET	50	EACH	125	6,250.00	-	-	30.00	3,750.00	30.00	3,750.00
TOTALS					432,358.90	252,340.60	131,843.40	-	-	384,184.00	
										Completed to Date	384,184.00
										Less Previous Payments	252,340.60
										Current Amount Due	131,843.40
Karvo Companies, Inc. 4524 Hudson Drive Stow OH 44224 330-929-9616											

*✓*

*131,843.40 #2*

*or to pay  
ylo*

*Not Final*

# RS-158-16 Karvo

*To Date*

Original Contract	\$432,358.90	
Pay Application No. 1	<u>\$252,340.60</u>	\$ 252,340.60
Pay Application No. 2	\$384,184.00	\$131,843.40



Balance

Completed



Actual Pay