

**HARRISON TOWNSHIP, PREBLE COUNTY**  
**Jordan Road Improvements - Bid Breakdown**

Bid Date: Monday, May 8, 2017 @ 1:00 PM    Engineer's Estimate: Base Bid - \$281,000, Alternate #1 - \$19,000

Base Bid			Fryman-Kuck Contractors, Inc.		Tom's Construction		W.G. Stang, LLC		R.B. Jergens Construction		Brumbaugh Construction	
Item	Description	Quantity	Unit Price	Total Unit Price	Unit Price	Total Unit Price	Unit Price	Total Unit Price	Unit Price	Total Unit Price	Unit Price	Total Unit Price
<b>STRUCTURE #1</b>												
202	Existing Structure Removed w/Clearing & Grubbing	1 Lump	12,650.00	12,650.00	4,221.27	4,221.27	2,500.00	2,500.00	9,623.00	9,623.00	11,000.00	11,000.00
203	Excavation	75 C.Y.	34.10	2,557.50	12.59	944.25	30.00	2,250.00	13.10	982.50	16.00	1,200.00
203	Embankment	128 C.Y.	45.10	5,772.80	5.40	691.20	30.00	3,840.00	8.80	1,126.40	16.00	2,048.00
204	Subgrade Compaction	70 S.Y.	2.46	172.20	0.48	33.60	2.00	140.00	4.75	332.50	1.50	105.00
304	Compacted Aggregate Base	53.0 C.Y.	34.00	1,802.00	38.32	2,030.96	40.00	2,120.00	40.00	2,120.00	45.00	2,385.00
407	Tack Coat	16 Gal.	22.00	352.00	2.90	46.40	3.00	48.00	3.10	49.60	20.00	320.00
411	Stabilized Aggregate Berm	6 C.Y.	40.00	220.00	54.28	298.54	100.00	550.00	110.50	607.75	55.00	302.50
441	Asphalt Concrete Intermediate, Type 2 (448)	13 C.Y.	319.00	4,147.00	319.34	4,151.42	260.00	3,380.00	236.50	3,074.50	315.00	4,095.00
441	Asphalt Concrete Surface, Type 1 (448) PG64-22	10 C.Y.	319.00	3,190.00	351.24	3,512.40	260.00	2,600.00	215.50	2,155.00	315.00	3,150.00
503	Unclassified Excavation (wing wall footing)	14 C.Y.	50.00	700.00	25.93	363.02	150.00	2,100.00	34.90	488.60	50.00	700.00
509	Epoxy Coated Reinforcing Steel	2156 Lbs.	1.08	2,328.48	1.11	2,393.16	1.00	2,156.00	1.50	3,234.00	1.00	2,156.00
511	Class QC1 Concrete, Wingwalls	6 C.Y.	534.60	3,207.60	925.30	5,551.80	1,000.00	6,000.00	1,042.00	6,252.00	440.00	2,640.00
511	Class QC1 Concrete, Footings	19 C.Y.	499.50	9,490.50	925.30	17,580.70	475.00	9,025.00	510.50	9,699.50	390.00	7,410.00
511	Class QC1 Concrete, Headwalls	0.8 C.Y.	640.00	512.00	925.40	740.32	1,000.00	800.00	1,052.00	841.60	1,200.00	960.00
512	Sealing of Concrete Surface (Epoxy-Urethane)	17 S.Y.	77.00	1,309.00	44.97	764.49	40.00	680.00	39.90	678.30	70.00	1,190.00
512	Type 2 Waterproofing	56 S.Y.	28.33	1,586.48	28.08	1,572.48	30.00	1,680.00	19.00	1,064.00	15.00	840.00
512	Type 3 Waterproofing	59 S.Y.	49.28	2,907.52	48.95	2,888.05	40.00	2,360.00	32.40	1,911.60	30.00	1,770.00
516	1" Preformed Expansion Joint Filler	24 S.F.	1.80	43.20	2.38	57.12	3.00	72.00	6.45	154.80	1.50	36.00
518	Porous Backfill with Filter Fabric	15 C.Y.	25.41	381.15	69.71	1,045.65	40.00	600.00	82.70	1,240.50	60.00	900.00
601	Rip Rap using 6" Reinforced Concrete Slab	14.4 S.Y.	81.00	1,166.40	130.30	1,876.32	200.00	2,880.00	230.50	3,319.20	165.00	2,376.00
601	Rock Channel Protection, Type B w/Filter Fabric	10 C.Y.	48.00	480.00	61.99	619.90	100.00	1,000.00	96.10	961.00	64.00	640.00
611	10' x 5' Conduit, Type A, 706.05, As Per Plan	40 L.F.	531.30	21,252.00	882.69	35,307.60	900.00	36,000.00	967.50	38,700.00	980.00	39,200.00
606	Anchor Assembly, MGS Type A	4 Each	1,413.00	5,652.00	1,403.72	5,614.88	1,300.00	5,200.00	1,362.00	5,448.00	1,250.00	5,000.00
606	Guardrail, Type MGS, Long Span 25'	50 L.F.	26.40	1,320.00	26.22	1,311.00	26.00	1,300.00	25.40	1,270.00	42.00	2,100.00
606	Guardrail, Type MGS	50 L.F.	23.10	1,155.00	22.96	1,148.00	24.00	1,200.00	22.30	1,115.00	28.00	1,400.00
659	Seeding & Mulching	145 S.Y.	1.49	216.05	3.89	564.05	2.00	290.00	2.10	304.50	5.00	725.00
<b>Total of Structure #1</b>				<b>\$84,570.88</b>		<b>\$95,328.58</b>		<b>\$90,771.00</b>		<b>\$96,753.85</b>		<b>\$94,648.50</b>
<b>STRUCTURE #2</b>												
202	Existing Structure Removed w/Clearing & Grubbing	1 Lump	4,500.00	4,500.00	1,458.41	1,458.41	2,500.00	2,500.00	8,504.00	8,504.00	5,500.00	5,500.00
203	Excavation	51 C.Y.	34.10	1,739.10	13.01	663.51	30.00	1,530.00	9.60	489.60	16.00	816.00
203	Embankment	45 C.Y.	45.10	2,029.50	5.44	244.80	30.00	1,350.00	10.00	450.00	16.00	720.00
204	Subgrade Compaction	42 S.Y.	2.46	103.32	0.48	20.16	2.00	84.00	5.75	241.50	1.50	63.00
304	Compacted Aggregate Base	6.0 C.Y.	34.00	204.00	39.03	234.18	40.00	240.00	46.90	281.40	45.00	270.00
411	Stabilized Aggregate Berm	2 C.Y.	40.00	80.00	55.75	111.50	100.00	200.00	85.20	170.40	55.00	110.00
511	Class QC1 Concrete Half-Height Headwall (SCD #HW-2-2)	2 Each	650.00	1,300.00	446.80	893.60	600.00	1,200.00	708.50	1,417.00	890.00	1,780.00
511	Class QC2 Concrete	4 C.Y.	600.00	2,400.00	302.01	1,208.04	600.00	2,400.00	434.00	1,736.00	300.00	1,200.00
611	30" Conduit, Type A, 706.02, As Per Plan	44 L.F.	81.18	3,571.92	172.04	7,569.76	225.00	9,900.00	110.00	4,840.00	200.00	8,800.00
659	Seeding & Mulching	140 S.Y.	1.49	208.60	3.88	543.20	2.00	280.00	2.10	294.00	5.00	700.00
<b>Total of Structure #2</b>				<b>\$16,136.44</b>		<b>\$12,947.16</b>		<b>\$19,684.00</b>		<b>\$18,423.90</b>		<b>\$19,959.00</b>

**HARRISON TOWNSHIP, PREBLE COUNTY**

*Jordan Road Improvements - Bid Breakdown*

Base Bid - Continued			Fryman-Kuck Contractors, Inc.		Tom's Construction		W.G. Stang, LLC		R.B. Jergens Construction		Brumbaugh Construction		
Item	Description	Quantity	Unit Price	Total Unit Price	Unit Price	Total Unit Price	Unit Price	Total Unit Price	Unit Price	Total Unit Price	Unit Price	Total Unit Price	
<b>STRUCTURE #3</b>													
202	Existing Structure Removed w/Clearing & Grubbing	1	Lump	4,500.00	4,500.00	1,616.21	1,616.21	2,500.00	2,500.00	6,533.00	6,533.00	10,500.00	10,500.00
203	Excavation	85	C.Y.	34.10	2,898.50	12.54	1,065.90	30.00	2,550.00	23.90	2,031.50	18.00	1,530.00
203	Subsurface Tile Excavation	6	C.Y.	40.00	240.00	108.98	653.88	30.00	180.00	212.50	1,275.00	22.00	132.00
203	Embankment	50	C.Y.	45.10	2,255.00	5.43	271.50	30.00	1,500.00	9.05	452.50	22.00	1,100.00
204	Subgrade Compaction	57.0	S.Y.	2.46	140.22	0.49	27.93	2.00	114.00	11.70	666.90	1.50	85.50
304	Compacted Aggregate Base	114	C.Y.	34.00	3,876.00	38.29	4,365.06	40.00	4,560.00	39.20	4,468.80	45.00	5,130.00
407	Tack Coat	21	Gal.	22.00	462.00	2.90	60.90	3.00	63.00	3.15	66.15	20.00	420.00
411	Stabilized Aggregate Berm	12	C.Y.	40.00	480.00	54.02	648.24	100.00	1,200.00	66.50	798.00	55.00	660.00
441	Asphalt Concrete Intermediate, Type 2 (448)	28	C.Y.	319.00	8,932.00	319.34	8,941.52	260.00	7,280.00	236.50	6,622.00	315.00	8,820.00
441	Asphalt Concrete Surface, Type 1 (448) PG64-22	23	C.Y.	319.00	7,337.00	351.24	8,078.52	260.00	5,980.00	215.50	4,956.50	315.00	7,245.00
611	34" x 53" Conduit, Type A, 706.04	32	L.F.	185.90	5,948.80	272.85	8,731.20	350.00	11,200.00	218.00	6,976.00	400.00	12,800.00
611	15" Conduit, Type A, 707.65	60	L.F.	28.00	1,680.00	48.69	2,921.40	65.00	3,900.00	57.40	3,444.00	50.00	3,000.00
611	6" T-Breather, As Per Plan	1	Each	500.00	500.00	351.22	351.22	100.00	100.00	437.50	437.50	350.00	350.00
611	Catch Basin 2-2B	1	Each	460.00	460.00	1,663.24	1,663.24	650.00	650.00	1,108.00	1,108.00	1,200.00	1,200.00
659	Seeding & Mulching	90	S.Y.	1.49	134.10	3.88	349.20	2.00	180.00	2.10	189.00	5.00	450.00
<b>Total of Structure #3</b>				<b>\$39,843.62</b>	<b>\$39,745.92</b>	<b>\$41,957.00</b>	<b>\$40,024.85</b>	<b>\$53,422.50</b>					
<b>STRUCTURE #4</b>													
202	Existing Structure Removed w/Clearing & Grubbing	1	Lump	3,850.00	3,850.00	5,917.94	5,917.94	2,500.00	2,500.00	9,284.00	9,284.00	5,000.00	5,000.00
203	Excavation	45	C.Y.	34.10	1,534.50	13.03	586.35	30.00	1,350.00	23.90	1,075.50	20.00	900.00
203	Embankment	20	C.Y.	45.10	902.00	5.43	108.60	30.00	600.00	11.30	226.00	20.00	400.00
204	Subgrade Compaction	54	S.Y.	2.46	132.84	0.47	25.38	2.00	108.00	11.70	631.80	1.50	81.00
304	Compacted Aggregate Base	117	C.Y.	39.60	4,633.20	53.26	6,231.42	40.00	4,680.00	45.10	5,276.70	45.00	5,265.00
411	Stabilized Aggregate Berm	1.7	C.Y.	40.00	68.00	56.20	95.54	100.00	170.00	108.50	184.45	55.00	93.50
441	Asphalt Concrete Intermediate, Type 2, (448)	28	C.Y.	319.00	8,932.00	319.34	8,941.52	260.00	7,280.00	236.50	6,622.00	315.00	8,820.00
441	Asphalt Concrete Surface, Type 1, (448) PG64-22	23	C.Y.	319.00	7,337.00	351.24	8,078.52	260.00	5,980.00	215.50	4,956.50	315.00	7,245.00
601	Rock Channel Protection, Type B w/Filter Fabric	5	C.Y.	48.00	240.00	210.19	1,050.95	100.00	500.00	83.90	419.50	50.00	250.00
611	21" Conduit, Type A, 706.02, Per Plan, Class V	114	L.F.	49.45	5,637.30	77.59	8,845.26	95.00	10,830.00	89.20	10,168.80	92.00	10,488.00
659	Seeding & Mulching	111	S.Y.	1.49	165.39	3.88	430.68	2.00	222.00	2.10	233.10	5.00	555.00
<b>Total of Structure #4</b>				<b>\$33,432.23</b>	<b>\$40,312.16</b>	<b>\$34,220.00</b>	<b>\$39,078.35</b>	<b>\$39,097.50</b>					
<b>STRUCTURE #5</b>													
202	Existing Structure Removed w/Clearing & Grubbing	1	Lump	4,000.00	4,000.00	708.14	708.14	2,500.00	2,500.00	7,910.00	7,910.00	7,000.00	7,000.00
203	Excavation	115	C.Y.	34.10	3,921.50	12.38	1,423.70	30.00	3,450.00	16.40	1,886.00	18.00	2,070.00
203	Embankment	80	C.Y.	45.10	3,608.00	5.41	432.80	30.00	2,400.00	11.30	904.00	18.00	1,440.00
204	Subgrade Compaction	45	S.Y.	2.46	110.70	0.51	22.95	2.00	90.00	5.40	243.00	1.50	67.50
304	Compacted Aggregate Base	12	C.Y.	39.60	475.20	38.30	459.60	40.00	480.00	48.80	585.60	45.00	540.00
407	Tack Coat	3	Gal.	22.00	66.00	2.90	8.70	3.00	9.00	3.15	9.45	20.00	60.00
411	Stabilized Aggregate Berm	1.5	C.Y.	40.00	60.00	56.20	84.30	100.00	150.00	102.00	153.00	55.00	82.50
441	Asphalt Concrete Intermediate, Type 2, (448)	4	C.Y.	319.00	1,276.00	319.34	1,277.36	260.00	1,040.00	236.50	946.00	315.00	1,260.00
441	Asphalt Concrete Surface, Type 1, (448) PG64-22	3	C.Y.	319.00	957.00	351.24	1,053.72	260.00	780.00	215.50	646.50	315.00	945.00
503	Unclassified Excavation (wing wall footing)	12	C.Y.	50.00	600.00	26.19	314.28	150.00	1,800.00	40.80	489.60	50.00	600.00
509	Epoxy Coated Reinforcing Steel	2002	Lbs.	1.08	2,162.16	1.11	2,222.22	1.00	2,002.00	1.50	3,003.00	1.00	2,002.00
511	Class QC1 Concrete, Wingwalls	6	C.Y.	534.60	3,207.60	925.30	5,551.80	1,000.00	6,000.00	1,143.00	6,858.00	440.00	2,640.00
511	Class QC1 Concrete, Footings	11.5	C.Y.	499.50	5,744.25	925.30	10,640.95	600.00	6,900.00	566.50	6,514.75	460.00	5,290.00

**HARRISON TOWNSHIP, PREBLE COUNTY**

*Jordan Road Improvements - Bid Breakdown*

			<b>Fryman-Kuck Contractors, Inc.</b>		<b>Tom's Construction</b>		<b>W.G. Stang, LLC</b>		<b>R.B. Jergens Construction</b>		<b>Brumbaugh Construction</b>		
<b>STRUCTURE #5 - Continued</b>													
<u>Item</u>	<u>Description</u>	<u>Quantity</u>		<u>Unit Price</u>	<u>Total Unit Price</u>	<u>Unit Price</u>	<u>Total Unit Price</u>	<u>Unit Price</u>	<u>Total Unit Price</u>	<u>Unit Price</u>	<u>Total Unit Price</u>	<u>Unit Price</u>	<u>Total Unit Price</u>
511	Class QC1 Concrete, Headwalls	0.5	C.Y.	900.00	450.00	925.30	462.65	1,000.00	500.00	1,158.00	579.00	2,000.00	1,000.00
512	Sealing of Concrete Surface (Epoxy-Urethane)	24	S.Y.	77.00	1,848.00	39.23	941.52	40.00	960.00	35.20	844.80	50.00	1,200.00
512	Type 2 Waterproofing	50	S.Y.	28.27	1,413.50	28.08	1,404.00	30.00	1,500.00	20.10	1,005.00	15.00	750.00
512	Type 3 Waterproofing	40	S.Y.	49.28	1,971.20	48.95	1,958.00	40.00	1,600.00	36.50	1,460.00	35.00	1,400.00
516	1" Preformed Expansion Joint Filler	24	S.F.	1.80	43.20	2.38	57.12	3.00	72.00	6.45	154.80	1.50	36.00
518	Porous Backfill with Filter Fabric	15	C.Y.	45.00	675.00	69.71	1,045.65	40.00	600.00	84.40	1,266.00	60.00	900.00
601	Rip Rap using 6" Reinforced Concrete Slab	5	S.Y.	81.00	364.50	402.28	1,810.26	500.00	2,250.00	305.00	1,372.50	525.00	2,362.50
601	Rock Channel Protection, Type B w/Filter Fabric	7	C.Y.	48.00	336.00	168.36	1,178.52	100.00	700.00	82.10	574.70	75.00	525.00
611	8' x 3' Conduit, Type A, 706.05, As Per Plan	40	L.F.	355.00	14,200.00	525.34	21,013.60	650.00	26,000.00	673.50	26,940.00	800.00	32,000.00
659	Seeding & Mulching	80	S.Y.	1.49	119.20	3.88	310.40	2.00	160.00	2.10	168.00	5.00	400.00
<b>Total of Structure #5</b>					<b>\$47,609.01</b>		<b>\$54,382.24</b>		<b>\$61,943.00</b>		<b>\$64,513.70</b>		<b>\$64,570.50</b>
<b>STRUCTURE #6</b>													
202	Existing Structure Removed w/Clearing & Grubbing	1	Lump	2,387.00	2,387.00	193.50	193.50	2,000.00	2,000.00	1,890.00	1,890.00	5,000.00	5,000.00
203	Excavation	8	C.Y.	34.10	272.80	12.41	99.28	30.00	240.00	15.30	122.40	20.00	160.00
203	Embankment	4	C.Y.	45.10	180.40	5.76	23.04	30.00	120.00	13.90	55.60	20.00	80.00
204	Subgrade Compaction	14	S.Y.	2.46	34.44	0.54	7.56	2.00	28.00	9.30	130.20	1.50	21.00
304	Compacted Aggregate Base	5.5	C.Y.	39.60	217.80	38.78	213.29	40.00	220.00	48.80	268.40	45.00	247.50
411	Stabilized Aggregate Berm	1	C.Y.	40.00	40.00	55.65	55.65	100.00	100.00	83.80	83.80	55.00	55.00
511	Class QC2 Concrete	2.5	C.Y.	244.00	610.00	282.14	705.35	600.00	1,500.00	465.00	1,162.50	680.00	1,700.00
611	Catch Basin 2-2B	1	Each	60.00	600.00	1,429.43	1,429.43	650.00	650.00	1,108.00	1,108.00	1,300.00	1,300.00
611	15" Conduit, Type A, 706.02, As Per Plan	28	L.F.	26.00	728.00	35.91	1,005.48	130.00	3,640.00	84.10	2,354.80	43.00	1,204.00
659	Seeding & Mulching	20	S.Y.	1.49	29.80	3.90	78.00	2.00	40.00	2.10	42.00	5.00	100.00
<b>Total of Structure #6</b>					<b>\$5,100.24</b>		<b>\$3,810.58</b>		<b>\$8,538.00</b>		<b>\$7,217.70</b>		<b>\$9,867.50</b>
<b>ALL STRUCTURES</b>													
611	4" Storm Drain Repair (all structures)	1	Each	163.00	163.00	197.42	197.42	75.00	75.00	446.00	446.00	75.00	75.00
611	6" Storm Drain Repair (all structures)	1	Each	192.00	192.00	224.76	224.76	100.00	100.00	493.00	493.00	100.00	100.00
611	8" Storm Drain Repair (all structures)	1	Each	216.00	216.00	263.26	263.26	125.00	125.00	565.00	565.00	125.00	125.00
611	12" Storm Drain Repair (all structures)	1	Each	268.00	268.00	351.66	351.66	200.00	200.00	755.00	755.00	150.00	150.00
614	Maintaining Traffic (all structures)	1	Lump	1,851.60	1,851.60	644.63	644.63	5,000.00	5,000.00	9,639.00	9,639.00	3,300.00	3,300.00
624	Mobilization (all structures)	1	Lump	4,800.00	4,800.00	8,977.63	8,977.63	10,000.00	10,000.00	10,000.00	10,000.00	8,240.50	8,240.50
<b>Total of Base Bid (All Bid Items Combined)</b>					<b>\$234,183.02</b>		<b>\$257,186.00</b>		<b>\$272,613.00</b>		<b>\$287,910.35</b>		<b>\$293,556.00</b>
			<b>Fryman-Kuck Contractors, Inc.</b>		<b>Tom's Construction</b>		<b>W.G. Stang, LLC</b>		<b>R.B. Jergens Construction</b>		<b>Brumbaugh Construction</b>		
<b>Alternate Bid #1 - Surface Overlay</b>													
<u>Item</u>	<u>Description</u>	<u>Quantity</u>		<u>Unit Price</u>	<u>Total Unit Price</u>	<u>Unit Price</u>	<u>Total Unit Price</u>	<u>Unit Price</u>	<u>Total Unit Price</u>	<u>Unit Price</u>	<u>Total Unit Price</u>	<u>Unit Price</u>	<u>Total Unit Price</u>
407	Tack Coat (0.05 Gal/S.Y.)	57.5	Gal.	22.00	1,265.00	2.80	161.00	3.00	172.50	3.15	181.13	20.00	1,150.00
411	Stabilized Aggregate Berm	50	C.Y.	40.00	2,000.00	231.95	11,597.50	100.00	5,000.00	59.40	2,970.00	55.00	2,750.00
441	1 1/2" Asphalt Concrete Intermediate, Type 2 (448)	50	C.Y.	319.00	15,950.00	249.79	12,489.50	182.00	9,100.00	236.50	11,825.00	315.00	15,750.00
441	1 1/2" Asphalt Concrete Surface, Type 1 (448) PG64-22	50	C.Y.	319.00	15,950.00	57.36	2,868.00	196.00	9,800.00	215.50	10,775.00	315.00	15,750.00
<b>Total of Alternate Bid #1</b>					<b>\$35,165.00</b>		<b>\$27,116.00</b>		<b>\$24,072.50</b>		<b>\$25,751.13</b>		<b>\$35,400.00</b>