

Certificate No. 15 & Final Sanitary Sewer Construction for Phases 1B, 3A, Reel Street & Greenbelt Drive

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
65	3 Each	6" Flange Cap	\$10.00	\$30.00	3	0	\$30.00
66	135 C.Y.	2A Modified Backfill	\$15.00	\$2,025.00	111	24	\$1,665.00
67	50 C.Y.	#57 Stone	\$19.00	\$950.00	0	50	\$0.00
68	500 S.Y.	6" B.C.B.C.	\$24.00	\$12,000.00	0	500	\$0.00
69	750 S.Y.	2" ID-2 Wearing Course	\$6.50	\$4,875.00	48	702	\$312.00
70	80 L.F.	Off-Street Restoration	\$2.00	\$160.00	80	0	\$160.00
71	525 L.F.	Temporary Paving	\$2.00	\$1,050.00	0	525	\$0.00
72	1,050 L.F.	Saw Cut	\$1.00	\$1,050.00	1050	0	\$1,050.00
73	10 V.F.	Drop Manhole Connection	\$200.00	\$2,000.00	5	5	\$1,000.00
74	Lump Sum	Modify Existing Manhole	\$1,000.00	\$1,000.00	100%	0%	\$1,000.00
Sheet Total							\$5,217.00
Sheet 1 Total							\$427,405.00
Sheet 2 Total							\$857,465.00
TOTAL OF ALL COMPLETED WORK							\$1,290,087.00

TOTAL AMOUNT OF WORK COMPLETED	\$1,290,087.00
LESS RETAINAGE	\$0.00
LESS PREVIOUS RELEASE CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, & #14	\$1,257,834.83
TOTAL AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	\$32,252.17

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer (8/2/05)

Certificate No. 14 Sanitary Sewer Construction for Phases 2A and Springview Manor Sewers

Contractor: N. Abbonizio Contractors, Inc.
 1250 Conshohocken Road
 Conshohocken, Pa. 19428
 Original Contract Price: \$1,213,902.00

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Main. & Prot. of Traffic	\$17,750.00	\$17,750.00	100%	0%	\$17,750.00
2	Lump Sum	Clear., Grubb., E & S Controls	\$8,800.00	\$8,800.00	100%	0%	\$8,800.00
3	980 L.F.	8" SDR-35 PVC Pipe 0' to 8'	\$55.00	\$53,900.00	1259	0	\$69,245.00
4	1,645 L.F.	8" SDR-35 PVC Pipe 8' to 10'	\$65.00	\$106,925.00	2242	0	\$145,730.00
5	625 L.F.	8" SDR-35 PVC Pipe 10' to 12'	\$75.00	\$46,875.00	964	0	\$72,300.00
6	1,265 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$85.00	\$107,525.00	1537	0	\$130,645.00
7	135 L.F.	8" SDR-35 PVC Pipe 14' to 16'	\$102.00	\$13,770.00	340	0	\$34,680.00
8	90 L.F.	8" Ductile Iron Pipe 8' to 10'	\$79.00	\$7,110.00	30	60	\$2,370.00
9	360 L.F.	8" Ductile Iron Pipe 14' to 16'	\$112.00	\$40,320.00	240	120	\$26,880.00
10	255 L.F.	8" Ductile Iron Pipe 16'+	\$167.00	\$42,585.00	175	80	\$29,225.00
11	185 L.F.	8" Ductile Iron Pipe in Casing	\$91.00	\$16,835.00	185	0	\$16,835.00
12	185 L.F.	Bore and Jack 24" Schedule 40 Casing	\$936.00	\$173,160.00	185	0	\$173,160.00
13	2 Each	Precast Manholes 0' to 8'	\$2,200.00	\$4,400.00	4	0	\$8,800.00
14	6 Each	Precast Manholes 8' to 10'	\$2,500.00	\$15,000.00	12	0	\$30,000.00
15	4 Each	Precast Manhole 10' to 12'	\$2,900.00	\$11,600.00	3	1	\$8,700.00
16	5 Each	Precast Manholes 12' to 14'	\$3,300.00	\$16,500.00	5	0	\$16,500.00
17	3 Each	Precast Manholes 14' to 16'	\$3,800.00	\$11,400.00	3	0	\$11,400.00
18	2 Each	Precast Manholes 16'+	\$5,000.00	\$10,000.00	2	0	\$10,000.00
19	28 Each	Lateral Wyes 8"x6"	\$64.00	\$1,792.00	48	0	\$3,072.00
20	280 L.F.	6" SDR-35 PVC Laterals	\$85.00	\$23,800.00	474	0	\$40,290.00
21	18 Each	6" Flange Cap	\$15.00	\$420.00	43	0	\$645.00
22	420 C.Y.	2A Modified Backfill	\$22.00	\$9,240.00	229	191	\$5,038.00
23	625 C.Y.	#57 Stone	\$30.00	\$18,750.00	157	468	\$4,710.00
24	110 S.Y.	5" B.C.B.C.	\$35.00	\$3,850.00	50	60	\$1,750.00
25	350 S.Y.	1" ID-2 Wearing Course	\$10.00	\$3,500.00	350	0	\$3,500.00
26	15 S.Y.	2" ID-2 Wearing Course Driveway Restr.	\$82.00	\$1,230.00	15	0	\$1,230.00
27	5,000 L.F.	Off Street Trench Restoration	\$4.00	\$20,000.00	6115	0	\$24,460.00
28	215 L.F.	Temporary Paving	\$5.00	\$1,075.00	140	75	\$700.00
29	430 L.F.	Saw Cut	\$2.00	\$860.00	285	145	\$570.00
30	20 V.F.	Drop Manhole Connection	\$150.00	\$3,000.00	11.5	8.5	\$1,715.00
31	Lump Sum	Fill Void between Casing and Carrier Pipe	\$2,000.00	\$2,000.00	100.00%	0.00%	\$2,000.00
Sheet Total				\$793,972.00			\$902,710.00

Certificate No. 14 Sanitary Sewer Construction for Phases 2A and Springview Manor Sewers

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
32	Lump Sum	Main. & Prot. of Traffic	\$6,500.00	\$6,500.00	100%	0%	\$6,500.00
33	Lump Sum	Clear., Grubb., E & S Controls	\$2,250.00	\$2,250.00	100%	0%	\$2,250.00
34	635 L.F.	8" SDR-35 PVC Pipe 0' to 8'	\$55.00	\$34,925.00	40	595	\$2,200.00
35	65 L.F.	8" SDR-35 PVC Pipe 8' to 10'	\$65.00	\$4,225.00	229	0	\$14,885.00
36	65 L.F.	8" SDR-35 PVC Pipe 10' to 12'	\$75.00	\$4,875.00	488	0	\$36,600.00
37	165 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$85.00	\$14,025.00	0	165	\$0.00
38	3 Each	Precast Manholes 0' to 8'	\$2,200.00	\$6,600.00	2	1	\$4,400.00
39	1 Each	Precast Manholes 10' to 12'	\$2,500.00	\$2,500.00	2	0	\$5,000.00
40	12 Each	Lateral Wyes 8"x6"	\$64.00	\$768.00	9	3	\$576.00
41	250 L.F.	6" SDR-35 PVC Lateral	\$65.00	\$16,250.00	143	107	\$9,295.00
42	12 Each	6" Flange Cap	\$15.00	\$180.00	9	3	\$135.00
43	450 C.Y.	2A Modified Backfill	\$22.00	\$9,900.00	160	290	\$3,520.00
44	110 C.Y.	#57 Stone	\$30.00	\$3,300.00	70	40	\$2,100.00
45	445 S.Y.	5" B.C.B.C.	\$28.00	\$12,460.00	0	445	\$0.00
46	1,600 S.Y.	2" ID-2 Wearing Course	\$8.00	\$12,800.00	1600	0	\$12,800.00
47	165 L.F.	Off-Street Trench Restoration	\$5.00	\$825.00	165	0	\$825.00
48	765 L.F.	Temporary Paving	\$5.00	\$3,825.00	0	765	\$0.00
49	1,550 L.F.	Saw Cut	\$1.00	\$1,550.00	510	1040	\$510.00
50	10 V.F.	Drop Manhole Connection	\$150.00	\$1,500.00	2	8	\$300.00
51	Lump Sum	Main. & Prot. of Traffic	\$11,500.00	\$11,500.00	100%	0%	\$11,500.00
52	Lump Sum	Clear., Grubb., E & S Controls	\$4,500.00	\$4,500.00	100%	0%	\$4,500.00
53	245 L.F.	8" SDR-35 PVC Pipe 0' to 10'	\$65.00	\$15,925.00	509	0	\$33,085.00
54	105 L.F.	8" SDR-35 PVC Pipe 10' to 12'	\$75.00	\$7,875.00	254	0	\$19,050.00
55	310 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$85.00	\$26,350.00	536	0	\$45,560.00
56	875 L.F.	8" SDR-35 PVC Pipe 14' to 16'	\$102.00	\$89,250.00	297	578	\$30,294.00
57	2 Each	Precast Manhole 0' to 10'	\$2,500.00	\$5,000.00	3	0	\$7,500.00
58	1 Each	Precast Manhole 12' to 14'	\$3,300.00	\$3,300.00	2	0	\$6,600.00
59	4 Each	Precast Manhole 14' to 16'	\$3,800.00	\$15,200.00	2	2	\$7,600.00
60	8 Each	Lateral Wyes 8"x6"	\$64.00	\$512.00	18	0	\$1,152.00
61	125 L.F.	6" SDR-35 PVC Lateral Pipe	\$85.00	\$10,625.00	651	0	\$55,335.00
62	8 Each	6" Flange Cap	\$15.00	\$120.00	18	0	\$270.00
63	1,370 C.Y.	2A Modified Backfill	\$22.00	\$30,140.00	333	1037	\$7,316.00
64	195 C.Y.	#57 Stone	\$30.00	\$5,850.00	30	165	\$900.00
Sheet Total				\$365,405.00			\$332,568.00

Certificate No. 14 Sanitary Sewer Construction for Phases 2A and Springview Manor Sewers

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
65	620 S.Y.	5" B.C.B.C.	\$28.00	\$17,360.00	130	490	\$3,640.00
66	2,325 S.Y.	2" ID-2 Wearing Course	\$8.00	\$18,600.00	2916	0	\$23,328.00
67	400 L.F.	Off-Street Restoration	\$5.00	\$2,000.00	520	0	\$2,600.00
68	1,200 L.F.	Temporary Paving	\$5.00	\$6,000.00	65	1135	\$325.00
69	2,400 L.F.	Saw Cut	\$1.00	\$2,400.00	413	1987	\$413.00
70	115 S.Y.	5" Superpave HMA Base Course PG 64-22	\$37.00	\$4,255.00	114	1	\$4,218.00
71	115 S.Y.	2" Superpave HMA Binder Course PG64-22	\$14.00	\$1,610.00	5877	0	\$82,278.00
72	230 S.Y.	1-1/2" Superpave HMA Wearing Cse. PG64-22	\$10.00	\$2,300.00	230	0	\$2,300.00
				\$54,525.00			\$119,102.00
Sheet Total							\$119,102.00
Sheet 1 Total							\$902,710.00
Sheet 2 Total							\$332,568.00
TOTAL OF ALL COMPLETED WORK							\$1,354,380.00

TOTAL AMOUNT OF WORK COMPLETED	\$1,354,380.00
LESS RETAINAGE	\$0.00
LESS PREVIOUS RELEASE CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, & #13	\$1,315,411.50
TOTAL AMOUNT APPROVED FOR FINAL RELEASE THIS CERTIFICATE	\$38,968.50

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer (12/4/07)

CONSTRUCTION OF SANITARY SEWER EXTENSION - PHASE 2B & 3B

Sadsbury Township, Chester County

Wexcon Inc.

379 Tilden Road, Mohrsville, PA 19541

RELEASE REQUEST: # 5 - FINAL

DATE: 7/31/2009

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
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PHASE 2B - Morris Lane & Lincoln Highway Extension

1	Maintenance & Protection of Traffic	L.S.	1	\$3,760.00	\$3,760.00	100%	0%	\$3,760.00	\$0.00
2	Clearing, Grubbing & Erosion Control	L.S.	1	\$1,880.00	\$1,880.00	100%	0%	\$1,880.00	\$0.00
3	8" SDR-35 PVC 0-8 Feet	L.F.	115	\$45.25	\$5,203.75	260.00	0.00	\$11,765.00	\$0.00
4	8" SDR-35 PVC 8-10 Feet	L.F.	670	\$47.00	\$31,490.00	766.00	0.00	\$36,002.00	\$0.00
5	8" SDR-35 PVC 10-12 Feet	L.F.	355	\$51.50	\$18,282.50	129.00	0.00	\$6,643.50	\$0.00
6	Pre-Cast Manhole 0-8 Feet	EA.	1	\$2,550.00	\$2,550.00	1.00	0.00	\$2,550.00	\$0.00
7	Pre-Cast Manhole 8-10 Feet	EA.	2	\$2,670.00	\$5,340.00	2.00	0.00	\$5,340.00	\$0.00
8	Pre-Cast Manhole 10-12 Feet	EA.	1	\$3,050.00	\$3,050.00	1.00	0.00	\$3,050.00	\$0.00
9	Lateral Wyes	EA.	15	\$435.00	\$6,525.00	12.00	0.00	\$5,220.00	\$0.00
10	6" SDR-35 PVC Lateral	L.F.	170	\$31.25	\$5,312.50	155.00	0.00	\$4,843.75	\$0.00
11	6" SDR-35 PVC Flange Cap and Lateral Marker	EA.	15	\$15.00	\$225.00	10.00	0.00	\$150.00	\$0.00
12	2A Modified Backfill	C.Y.	1,035	\$34.00	\$35,190.00	237.25	797.75	\$8,066.50	\$27,123.50
13	#57 Stone Bedding	C.Y.	125	\$43.00	\$5,375.00	14.00	111.00	\$602.00	\$4,773.00
14	2" Superpave HMA Binder Morris Overlay	S.Y.	1,700	\$12.50	\$21,250.00	1720.00	0.00	\$21,500.00	\$0.00
15	1 1/2" Superpave HMA Wearing Morris Overlay	S.Y.	1,700	\$9.00	\$15,300.00	1720.00	0.00	\$15,480.00	\$0.00
16	2" Bituminous Wearing Driveway Restoration	S.Y.	40	\$55.00	\$2,200.00	0.00	40.00	\$0.00	\$2,200.00
17	Typical Off-Street Restoration-PADOT ROW	L.F.	400	\$5.50	\$2,200.00	400.00	0.00	\$2,200.00	\$0.00
18	Temporary Paving	L.F.	800	\$8.25	\$6,600.00	395.00	405.00	\$3,258.75	\$3,341.25
19	Saw Cut	L.F.	1,750	\$1.25	\$2,187.50	114.00	0.00	\$142.50	\$0.00
20	Drop Manhole Connection	V.F.	6	\$325.00	\$1,950.00	8.08	0.00	\$2,626.00	\$0.00
21	Core Drill Existing Manhole	EA.	1	\$1,560.00	\$1,560.00	3.00	0.00	\$4,680.00	\$0.00
22	5" Superpave HMA Base PADOT Restoration	S.Y.	45	\$50.00	\$2,250.00	40.00	5.00	\$2,000.00	\$250.00
23	2" Superpave HMA Binder PADOT Restoration	S.Y.	45	\$15.00	\$675.00	40.00	5.00	\$600.00	\$75.00
24	1 1/2" Superpave HMA Wearing PADOT Restoration	S.Y.	40	\$12.00	\$480.00	35.00	5.00	\$420.00	\$60.00
25	Line Stripping, Stop Bar, Pavement Markings	L.S.	1	\$1,650.00	\$1,650.00	0%	100%	\$0.00	\$1,650.00

Subtotal - Phase 2B

\$182,486.25 78.24% 21.76% \$142,780.00 \$39,472.75

Phase 2B Alternates

A-1	5' Sidewalk	S.Y.	275	\$70.00	\$19,250.00	281	0	\$19,670.00	\$0.00
A-2	Dry Laid Stone Retaining Wall	S.F.	250	\$5.50	\$1,375.00	250	0	\$1,375.00	\$0.00

Subtotal - Phase 2B - Alternatives

\$20,625.00 102.04% -2.04% \$21,045.00 \$0.00

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
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PHASE 3B - Stove Pipe Hill Road, North Street and Old Wilmington Road

26	Maintenance & Protection of Traffic	L.S.	1	\$7,550.00	\$7,550.00	100%	0%	\$7,550.00	\$0.00
27	Clearing, Grubbing & Erosion Control	L.S.	1	\$2,685.00	\$2,685.00	100%	0%	\$2,685.00	\$0.00
28	8" SDR-35 PVC 0-8 Feet	L.F.	950	\$45.00	\$42,750.00	1035.00	0.00	\$46,575.00	\$0.00
29	8" SDR-35 PVC 8-10 Feet	L.F.	570	\$46.75	\$26,647.50	482.25	0.00	\$22,545.19	\$0.00
30	8" SDR-35 PVC 10-12 Feet	L.F.	180	\$51.25	\$9,225.00	213.00	0.00	\$10,916.25	\$0.00
31	8" SDR-35 PVC 12-14 Feet	L.F.	170	\$57.50	\$9,775.00	154.00	0.00	\$8,855.00	\$0.00
32	8" SDR-35 PVC 14-16 Feet	L.F.	120	\$71.75	\$8,610.00	120.00	0.00	\$8,610.00	\$0.00
33	8" Ductile Iron Pipe 0-8 Feet	L.F.	15	\$58.75	\$881.25	75.00	0.00	\$4,406.25	\$0.00
34	8" Ductile Iron Pipe 8-10 Feet	L.F.	15	\$61.50	\$922.50	13.00	0.00	\$799.50	\$0.00
35	8" Ductile Iron Pipe 10-12 Feet	L.F.	40	\$67.00	\$2,680.00	84.00	0.00	\$5,628.00	\$0.00
36	8" Ductile Iron Pipe 12-14 Feet	L.F.	40	\$74.75	\$2,990.00	17.00	0.00	\$1,270.75	\$0.00
37	8" Ductile Iron Pipe 14-16 Feet	L.F.	155	\$89.00	\$13,795.00	111.00	0.00	\$9,879.00	\$0.00
38	8" Ductile Iron Pipe 16+ Feet	L.F.	135	\$120.00	\$16,200.00	154.00	0.00	\$18,480.00	\$0.00
39	Pre-Cast Manhole 0-8 Feet	L.F.	4	\$2,550.00	\$10,200.00	4.00	0.00	\$10,200.00	\$0.00
40	Pre-Cast Manhole 8-10 Feet	L.F.	3	\$2,660.00	\$7,980.00	2.00	0.00	\$5,320.00	\$0.00
41	Pre-Cast Manhole 10-12 Feet	L.F.	1	\$3,050.00	\$3,050.00	1.00	0.00	\$3,050.00	\$0.00
42	Pre-Cast Manhole 14-16 Feet	L.F.	1	\$3,525.00	\$3,525.00	2.00	0.00	\$7,050.00	\$0.00
43	Pre-Cast Manhole 16+ Feet	L.F.	1	\$4,780.00	\$4,780.00	1.00	0.00	\$4,780.00	\$0.00
44	Lateral Wyes - SDR-35 PVC	EA.	15	\$435.00	\$6,525.00	15.00	0.00	\$6,525.00	\$0.00
45	Lateral Wyes - Ductile Iron	EA.	5	\$1,000.00	\$5,000.00	6.00	0.00	\$6,000.00	\$0.00
46	6" SDR-35 PVC Lateral	L.F.	460	\$31.25	\$14,375.00	497.50	0.00	\$15,546.88	\$0.00
47	6" SDR-35 PVC Flange Cap and Lateral Marker	EA.	20	\$15.00	\$300.00	22.00	0.00	\$330.00	\$0.00
48	2A Modified Backfill	C.Y.	2,365	\$34.00	\$80,410.00	349.90	2015.10	\$11,896.60	\$68,513.40
49	#57 Stone Bedding	C.Y.	50	\$40.00	\$2,000.00	0.00	50.00	\$0.00	\$2,000.00
50	2" Superpave HMA Binder Morris Overlay	S.Y.	3,705	\$11.25	\$41,681.25	4208.00	0.00	\$47,340.00	\$0.00
51	1 1/2" Superpave HMA Wearing Morris Overlay	S.Y.	3,705	\$8.25	\$30,566.25	4208.00	0.00	\$34,716.00	\$0.00
52	Typical Off-Street Restoration	L.F.	1,125	\$5.50	\$6,187.50	1125.00	0.00	\$6,187.50	\$0.00
53	Temporary Paving	L.F.	1,715	\$8.25	\$14,148.75	1304.00	411.00	\$10,758.00	\$3,390.75
54	Saw Cut	L.F.	3,430	\$1.25	\$4,287.50	0.00	3430.00	\$0.00	\$4,287.50
55	5" Superpave HMA Base PADOT Restoration	S.Y.	25	\$81.00	\$2,025.00	22.50	2.50	\$1,822.50	\$202.50
56	2" Superpave HMA Binder PADOT Restoration	S.Y.	25	\$27.00	\$675.00	22.50	2.50	\$607.50	\$67.50
57	1 1/2" Superpave HMA Wearing PADOT Restoration	S.Y.	50	\$22.00	\$1,100.00	40.00	10.00	\$880.00	\$220.00
58	Line Stripping, Stop Bar, Pavement Markings	L.S.	1	\$4,050.00	\$4,050.00	0%	100%	\$0.00	\$4,050.00
Subtotal - Phase 3B					\$387,577.50	82.88%	17.12%	\$321,209.91	\$82,731.65

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
	Subtotal - Phase 2B				\$162,486.25	78.24%	21.76%	\$142,780.00	\$39,472.75
	Subtotal - Phase 2B - Alternatives				\$20,625.00	102.04%	-2.04%	\$21,045.00	\$0.00
	Subtotal - Phase 3B				\$387,577.50	82.88%	17.12%	\$321,209.91	\$82,731.65
	TOTAL CONTRACT AMOUNT				\$590,688.75	82.11%	17.89%	\$485,034.91	\$122,204.40
	TOTAL AMOUNT OF WORK COMPLETED							\$485,034.91	
	LESS RETAINAGE- 0%							\$0.00	
	LESS PREVIOUS CERTIFICATES							\$443,703.94	
	TOTAL AMOUNT APPROVED THIS CERTIFICATE - FINAL							\$41,330.97	

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer

Date

SITE IMPROVEMENT ESCROW RELEASE WORKSHEET
ALL COUNTY PARTNERSHIPS VALLEY VIEW BUSINESS PARK
WASHINGTON LANE IMPROVEMENTS
Sadsbury Township, Chester County, PA

RELEASE REQUEST: # 3
 DATE: 10/5/2009

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
1 Construction Layout									
A	Layout	L.S.	1	\$10,995.00	\$10,995.00	\$10,995.00	\$0.00	\$10,995.00	\$0.00
	Subtotal				\$10,995.00	\$10,995.00	\$0.00	\$10,995.00	\$0.00
2 Clearing									
A	Clearing	L.S.	1	\$7,750.00	\$7,750.00	\$7,750.00	\$0.00	\$7,750.00	\$0.00
	Subtotal				\$7,750.00	\$7,750.00	\$0.00	\$7,750.00	\$0.00
3 Earthwork									
A	Sawcut	L.F.	6,000	\$3.00	\$18,000.00	\$18,000.00	\$0.00	\$18,000.00	\$0.00
B	Remove Guiderail Permanently	L.S.	1	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$0.00
C	Cut	C.Y.	2,295	\$3.00	\$6,885.00	\$6,885.00	\$0.00	\$6,885.00	\$0.00
D	Fill	C.Y.	390	\$2.50	\$975.00	\$975.00	\$0.00	\$975.00	\$0.00
E	Waste (Stockpile onsite)	C.Y.	1,905	\$0.50	\$952.50	\$952.50	\$0.00	\$952.50	\$0.00
F	Topsoil Respread	C.Y.	515	\$2.50	\$1,287.50	\$1,287.50	\$0.00	\$1,287.50	\$0.00
	Subtotal				\$30,100.00	\$30,100.00	\$0.00	\$30,100.00	\$0.00
4 Storm Sewer Construction									
A	18" RCP (0-6 Vertical Feet)	L.F.	1,286	\$30.50	\$39,223.00	\$39,223.00	\$0.00	\$39,223.00	\$0.00
B	24" HDPE	L.F.	9	\$32.00	\$288.00	\$288.00	\$0.00	\$288.00	\$0.00
C	Type S Inlets	EA.	5	\$1,200.00	\$6,000.00	\$6,000.00	\$0.00	\$6,000.00	\$0.00
D	Manhole	EA.	1	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00
E	18" RCP FES	EA.	1	\$500.00	\$500.00	\$500.00	\$0.00	\$500.00	\$0.00
F	Tie into existing 15" RCP	EA.	1	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	\$1,000.00	\$0.00
G	R-4 Rip-Rap	TN.	28	\$22.00	\$616.00	\$616.00	\$0.00	\$616.00	\$0.00
	Subtotal				\$49,127.00	\$49,127.00	\$0.00	\$49,127.00	\$0.00
5 Curbing									
A	18" Curb Washington Lane/Rt 30	L.F.	150	\$15.00	\$2,250.00	\$2,250.00	\$0.00	\$2,250.00	\$0.00
	Subtotal				\$2,250.00	\$2,250.00	\$0.00	\$2,250.00	\$0.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
6	<u>Washington Lane Widen & Overlay</u>								
A	Fine Grade	S.Y.	4,605	\$5.50	\$25,327.50	\$25,327.50	\$0.00	\$25,327.50	\$0.00
B	Township 8" 2A Mod Subbase	S.Y.	4,545	\$7.00	\$31,815.00	\$31,815.00	\$0.00	\$31,815.00	\$0.00
C	Township 5" BCBC	S.Y.	4,545	\$14.00	\$63,630.00	\$63,630.00	\$0.00	\$63,630.00	\$0.00
D	Township 2" ID-2 Wearing	S.Y.	10,570	\$8.00	\$84,560.00	\$84,560.00	\$0.00	\$84,560.00	\$0.00
E	PennDOT 6" 2A Mod Subbase	S.Y.	60	\$6.00	\$360.00	\$360.00	\$0.00	\$360.00	\$0.00
F	PennDOT 6" BCBC	S.Y.	60	\$16.00	\$960.00	\$960.00	\$0.00	\$960.00	\$0.00
G	PennDOT 2" ID-2 Binder	S.Y.	60	\$7.50	\$450.00	\$450.00	\$0.00	\$450.00	\$0.00
h	PennDOT 1 1/2" ID-2 Wearing	S.Y.	60	\$6.00	\$360.00	\$360.00	\$0.00	\$360.00	\$0.00
	Subtotal				\$207,462.50	\$207,462.50	\$0.00	\$207,462.50	\$0.00
7	<u>Washington Lane Offsite Gravity Sanitary Sewer</u>								
A	8" SDR 35 PVC 6/10	L.F.	337	\$23.00	\$7,751.00	\$7,751.00	\$0.00	\$7,751.00	\$0.00
B	8" SDR 35 PVC 10/14	L.F.	344	\$25.00	\$8,600.00	\$8,600.00	\$0.00	\$8,600.00	\$0.00
C	6" SDR 35 Sewer Lateral	L.F.	16	\$35.00	\$560.00	\$560.00	\$0.00	\$560.00	\$0.00
D	Manholes (6/10) 48"	EA.	2	\$1,600.00	\$3,200.00	\$3,200.00	\$0.00	\$3,200.00	\$0.00
E	Tie into Existing Manhole	EA.	1	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$0.00
F	Testing	EA.	671	\$0.75	\$503.25	\$503.25	\$0.00	\$503.25	\$0.00
G	Manhole Testing	EA.	2	\$250.00	\$500.00	\$500.00	\$0.00	\$500.00	\$0.00
	Subtotal				\$23,114.25	\$23,114.25	\$0.00	\$23,114.25	\$0.00
8	<u>As-Built</u>								
A	As-Built Sewer Line	L.S.	1	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$0.00
	Subtotal				\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$0.00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
	Sub-Total Item 1 - Layout			\$10,995.00	\$10,995.00	\$0.00	\$10,995.00	\$0.00
	Sub-Total Item 2 - Clearing			\$7,750.00	\$7,750.00	\$0.00	\$7,750.00	\$0.00
	Sub-Total Item 3 - Earthwork			\$30,100.00	\$30,100.00	\$0.00	\$30,100.00	\$0.00
	Sub-Total Item 4 - Storm Sewer			\$49,127.00	\$49,127.00	\$0.00	\$49,127.00	\$0.00
	Sub-Total Item 5 - Curbing			\$2,250.00	\$2,250.00	\$0.00	\$2,250.00	\$0.00
	Sub-Total Item 6 - Washington Lane Widen & Overlay			\$207,462.50	\$207,462.50	\$0.00	\$207,462.50	\$0.00
	Sub-Total Item 7 - Washington Lane Offsite Sanitary Sewer			\$23,114.25	\$23,114.25	\$0.00	\$23,114.25	\$0.00
	Sub-Total Item 8 - As-Builts			\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$0.00

SUBTOTAL				\$332,798.75	\$330,798.75	\$2,000.00	\$332,798.75	\$0.00
10% CONTINGENCY				\$33,279.88	\$7,000.00	\$26,279.88	\$33,279.88	\$0.00
				\$366,078.63		\$28,279.88	\$366,078.63	\$0.00
RETAINAGE 0.00%								
Reduction of Previously Held Retainage	(7,853.48 - 1,963.37)				\$5,890.11	\$8,444.97	\$14,335.08	
TOTAL IMPROVEMENT COST				\$366,078.63	\$329,353.79	\$36,724.84	\$366,078.63	\$0.00
Township Engineer Inspections 7% Construction Cost				\$23,295.91	\$6,521.25	\$16,774.66	\$23,295.91	\$0.00
TOTAL ESCROW				\$389,374.54	\$335,875.04	\$53,499.50	\$389,374.54	\$0.00

TOTAL AMOUNT APPROVED FOR THIS CERTIFICATE FOR ALL COUNTY PARTNERSHIP
VALLEY VIEW BUSINESS PARK - WASHINGTON LANE IMPROVEMENTS

\$53,499.50

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer

Date

SITE IMPROVEMENT ESCROW RELEASE WORKSHEET
ALL COUNTY PARTNERSHIPS VALLEY VIEW BUSINESS PARK
WAVERLY BLVD.
Sadsbury Township, Chester County, PA

RELEASE REQUEST: # 2
 DATE: 5/3/2011

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
1	<u>Construction Layout</u>								
A	Layout	Days	4	\$1,140.00	\$4,104.00	\$4,104.00	\$0.00	\$4,104.00	\$0.00
	Subtotal				\$4,104.00	\$4,104.00	\$0.00	\$4,104.00	\$0.00
2	<u>Construction Stakeout</u>								
A	Mobilization	EA	1	\$3,024.00	\$3,024.00	\$3,024.00	\$0.00	\$3,024.00	\$0.00
	Subtotal				\$3,024.00	\$3,024.00	\$0.00	\$3,024.00	\$0.00
3	<u>Erosion & Sedimentation Control</u>								
A	Construction Entrance	EA	1	\$3,360.00	\$3,360.00	\$3,360.00	\$0.00	\$3,360.00	\$0.00
	Subtotal				\$3,360.00	\$3,360.00	\$0.00	\$3,360.00	\$0.00
4	<u>Earthwork</u>								
A	Strip Topsoil	C.Y.	1,140	\$1.80	\$2,052.00	\$1,537.99	\$514.01	\$2,052.00	\$0.00
B	Cut	C.Y.	703	\$1.92	\$1,349.76	\$1,349.76	\$0.00	\$1,349.76	\$0.00
C	Fill	C.Y.	608.80	\$0.72	\$438.34	\$438.34	\$0.00	\$438.34	\$0.00
D	Spoil	C.Y.	94.20	\$0.36	\$33.91	\$33.91	\$0.00	\$33.91	\$0.00
	Subtotal				\$3,874.01	\$3,360.00	\$514.01	\$3,874.01	\$0.00
5	<u>Sanitary Sewer Construction</u>								
A	8" SDR 35 PVC 6/10	L.F.	160	\$27.60	\$4,416.00	\$4,416.00	\$0.00	\$4,416.00	\$0.00
B	8" SDR 35 PVC 10/14	L.F.	680	\$30.00	\$20,400.00	\$20,400.00	\$0.00	\$20,400.00	\$0.00
C	Manholes (6/10) 48"	EA	5	\$1,920.00	\$9,600.00	\$9,600.00	\$0.00	\$9,600.00	\$0.00
D	Testing	L.F.	840	\$0.90	\$756.00	\$756.00	\$0.00	\$756.00	\$0.00
E	Manhole Vacuum Testing	EA	5	\$300.00	\$1,500.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00
	Subtotal				\$36,672.00	\$36,672.00	\$0.00	\$36,672.00	\$0.00
6	<u>Force Main Construction</u>								
A	2.5" SDR 21	L.F.	450	\$12.00	\$5,400.00	\$5,400.00	\$0.00	\$5,400.00	\$0.00
B	6" SDR 26	L.F.	450	\$14.40	\$6,480.00	\$6,480.00	\$0.00	\$6,480.00	\$0.00
C	2.5" & 6" Air Release Chambers	EA	1.00	\$6,600.00	\$6,600.00	\$6,600.00	\$0.00	\$6,600.00	\$0.00
D	Testing	L.F.	450.00	\$0.90	\$405.00	\$405.00	\$0.00	\$405.00	\$0.00
	Subtotal				\$18,885.00	\$18,885.00	\$0.00	\$18,885.00	\$0.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
7	<u>Storm Sewer Construction</u>								
A	18" RCP	L.F.	474	\$36.60	\$17,348.40	\$17,348.40	\$0.00	\$17,348.40	\$0.00
B	Type C Inlets - 2'x4'	EA	2	\$1,440.00	\$2,880.00	\$2,880.00	\$0.00	\$2,880.00	\$0.00
	Subtotal				\$20,228.40	\$20,228.40	\$0.00	\$20,228.40	\$0.00
8	<u>Curb</u>								
A	Dig & Bacfill	L.F.	1,495	\$2.40	\$3,588.00	\$3,588.00	\$0.00	\$3,588.00	\$0.00
B	7" x 8" x 18" Conc. Curb	L.F.	1,495	\$13.14	\$19,644.30	\$19,644.30	\$0.00	\$19,644.30	\$0.00
	Subtotal				\$23,232.30	\$23,232.30	\$0.00	\$23,232.30	\$0.00
9	<u>Paving</u>								
A	Fine Grade	S.F.	15,649.20	\$0.12	\$1,877.90	\$1,877.90	\$0.00	\$1,877.90	\$0.00
B	10 3A Modified	S.Y.	1,738.80	\$9.18	\$15,962.18	\$15,962.18	\$0.00	\$15,962.18	\$0.00
C	2.5" ID2 SRL-H Binder Course	S.Y.	1,738.80	\$8.76	\$15,231.89	\$15,231.89	\$0.00	\$15,231.89	\$0.00
D	Clean & Tack	S.Y.	1,738.80	\$0.42	\$730.30	\$0.00	\$0.00	\$0.00	\$730.30
E	1.5 ID-2A Wearing	S.Y.	1,738.80	\$7.02	\$12,206.38	\$0.00	\$0.00	\$0.00	\$12,206.38
	Subtotal				\$46,008.65	\$33,071.97	\$0.00	\$33,071.97	\$12,936.68
10	<u>Respread & Grade Topsoil</u>								
A	Right-of-way	C.Y.	218.40	\$6.00	\$1,310.40	\$1,310.40	\$0.00	\$1,310.40	\$0.00
	Subtotal				\$1,310.40	\$1,310.40	\$0.00	\$1,310.40	\$0.00
11	<u>Seed & Mulch</u>								
A	Right-of-way	C.Y.	1,290.80	\$0.36	\$464.69	\$464.69	\$0.00	\$464.69	\$0.00
	Subtotal				\$464.69	\$464.69	\$0.00	\$464.69	\$0.00
12	<u>Landscaping</u>								
A	White Ash	EA	12	\$198.00	\$2,376.00	\$2,376.00	\$0.00	\$2,376.00	\$0.00
B	Red Sunset Maple	EA	7	\$198.00	\$1,386.00	\$1,386.00	\$0.00	\$1,386.00	\$0.00
C	White Oak	EA	12.00	\$198.00	\$2,376.00	\$2,376.00	\$0.00	\$2,376.00	\$0.00
D	American Sweetgum	EA	5.00	\$198.00	\$990.00	\$990.00	\$0.00	\$990.00	\$0.00
	Subtotal				\$7,128.00	\$7,128.00	\$0.00	\$7,128.00	\$0.00
13	<u>Miscellaneous</u>								
A	Installation of Survey Monuments	EA	10	\$300.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$3,000.00
B	As-Built Survey Plans	LS	1	\$3,000.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$3,000.00
	Subtotal				\$6,000.00	\$0.00	\$0.00	\$0.00	\$6,000.00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
	Sub-Total Item 1 - Layout			\$4,104.00	\$4,104.00	\$0.00	\$4,104.00	\$0.00
	Sub-Total Item 2 - Construction Layout			\$3,024.00	\$3,024.00	\$0.00	\$3,024.00	\$0.00
	Sub-Total Item 3 - Erosion & Sedimentation Control			\$3,360.00	\$3,360.00	\$0.00	\$3,360.00	\$0.00
	Sub-Total Item 4 - Earthwork			\$3,874.01	\$3,360.00	\$514.01	\$3,874.01	\$0.00
	Sub-Total Item 5 - Sanitary Sewer Construction			\$36,672.00	\$36,672.00	\$0.00	\$36,672.00	\$0.00
	Sub-Total Item 6 - Force Main Construction			\$18,885.00	\$18,885.00	\$0.00	\$18,885.00	\$0.00
	Sub-Total Item 7 - Storm Sewer Construction			\$20,228.40	\$20,228.40	\$0.00	\$20,228.40	\$0.00
	Sub-Total Item 8 - Curb			\$23,232.30	\$23,232.30	\$0.00	\$23,232.30	\$0.00
	Sub-Total Item 9 - Paving			\$46,008.65	\$33,071.97	\$0.00	\$33,071.97	\$12,936.68
	Sub-Total Item 10 - Respread & Grade Topsoil			\$1,310.40	\$1,310.40	\$0.00	\$1,310.40	\$0.00
	Sub-Total Item 11 - Seed & Mulch			\$464.69	\$464.69	\$0.00	\$464.69	\$0.00
	Sub-Total Item 12 - Landscaping			\$7,128.00	\$7,128.00	\$0.00	\$7,128.00	\$0.00
	Sub-Total Item 13 - Miscellaneous			\$6,000.00	\$0.00	\$0.00	\$0.00	\$6,000.00

SUBTOTAL	\$174,291.44	\$154,840.76	\$514.01	\$155,354.77	\$18,936.68
10% CONTINGENCY	\$17,429.14	\$0.00	\$15,535.48	\$15,535.48	\$1,893.68
	\$191,720.58		\$16,049.49	\$170,890.25	\$20,830.34
RETAINAGE 0%		\$3,871.02	\$0.00	\$3,871.02	
TOTAL IMPROVEMENT COST	\$191,720.58	\$150,969.74	\$16,049.49	\$167,019.23	
RELEASE RETAINAGE PREVIOUSLY HELD			\$3,871.02		
Township Engineer Inspections 7% Construction Cost	\$12,200.40	\$0.00	\$0.00	\$0.00	\$12,200.40
TOTAL ESCROW	\$203,920.98	\$150,969.74	\$19,920.51	\$170,890.25	\$33,030.74

TOTAL AMOUNT APPROVED FOR THIS CERTIFICATE FOR ALL COUNTY PARTNERSHIP
VALLEY VIEW BUSINESS PARK - WAVERLY BLVD

\$19,920.51

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer

Date

CONSTRUCTION OF SANITARY SEWER EXTENSION - PHASE 4

Sadsbury Township, Chester County

Pact Construction, Inc.

P.O. Box 74 554 Route 31, Ringoes, NJ 08551

RELEASE REQUEST: # 5 - FINAL

DATE: 9/19/2011

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
PHASE 4 - VALLEY ROAD									
1	Maintenance & Protection of Traffic	L.S.	1	\$2,000.00	\$2,000.00	100%	0%	\$2,000.00	\$0.00
2	Clearing, Grubbing & Erosion Control	L.S.	1	\$4,100.00	\$4,100.00	100%	0%	\$4,100.00	\$0.00
3	8" SDR-35 PVC 0-8 Feet	L.F.	1,420	\$68.00	\$96,560.00	2396	-976	\$162,928.00	-\$66,368.00
4	8" SDR-35 PVC 8-10 Feet	L.F.	1,625	\$70.00	\$113,750.00	780	845	\$54,600.00	\$59,150.00
5	8" SDR-35 PVC 10-12 Feet	L.F.	100	\$72.00	\$7,200.00	180	-80	\$12,960.00	-\$5,760.00
6	8" SDR-35 PVC 12-14 Feet	L.F.	240	\$74.00	\$17,760.00	113	127	\$8,362.00	\$9,398.00
7	8" SDR-35 PVC 14-16 Feet	L.F.	50	\$76.00	\$3,800.00	60	-10	\$4,560.00	-\$760.00
8	8" SDR-35 PVC 16+ Feet	L.F.	50	\$78.00	\$3,900.00	50	0	\$3,900.00	\$0.00
9	8" DIP 0-8 Feet installed in Casing Pipe	L.F.	75	\$78.00	\$5,850.00	75	0	\$5,850.00	\$0.00
10	8" DIP 8-10 Feet	L.F.	50	\$80.00	\$4,000.00	0	50	\$0.00	\$4,000.00
11	8" DIP 10-12 Feet	L.F.	20	\$82.00	\$1,640.00	0	20	\$0.00	\$1,640.00
12	8" DIP 12-14 Feet	L.F.	20	\$84.00	\$1,680.00	15	5	\$1,260.00	\$420.00
13	8" DIP 14-16 Feet	L.F.	75	\$86.00	\$6,450.00	25	50	\$2,150.00	\$4,300.00
14	8" DIP 16+ Feet	L.F.	290	\$88.00	\$25,520.00	350	-60	\$30,800.00	-\$5,280.00
15	Bore and Jack 24" Schedule 80 Casing Pipe	L.F.	50	\$300.00	\$15,000.00	50	0	\$15,000.00	\$0.00
16	Pre-Cast Manhole 0-8 Feet	EA.	5	\$2,400.00	\$12,000.00	6	-1	\$14,400.00	-\$2,400.00
17	Pre-Cast Manhole 8-10 Feet	EA.	8	\$2,600.00	\$20,800.00	12	-4	\$31,200.00	-\$10,400.00
18	Pre-Cast Manhole 10-12 Feet	EA.	2	\$2,800.00	\$5,600.00	1	1	\$2,800.00	\$2,800.00
19	Pre-Cast Manhole 12-14 Feet	EA.	1	\$3,000.00	\$3,000.00	2	-1	\$6,000.00	-\$3,000.00
20	Pre-Cast Manhole 14-16 Feet	EA.	2	\$3,200.00	\$6,400.00	0	2	\$0.00	\$6,400.00
21	Pre-Cast Manhole 16+ Feet	EA.	1	\$3,400.00	\$3,400.00	0	1	\$0.00	\$3,400.00
22	Pre-Cast Doghouse Manhole 10-12 Feet	EA.	1	\$4,000.00	\$4,000.00	1	0	\$4,000.00	\$0.00
23	Concrete Encasement	L.F.	20	\$50.00	\$1,000.00	20	0	\$1,000.00	\$0.00
24	Lateral Wyes 8" x 6"	EA.	25	\$50.00	\$1,250.00	28	-3	\$1,400.00	-\$150.00
25	6" SDR-35 PVC Lateral	L.F.	625	\$55.00	\$34,375.00	622	3	\$34,210.00	\$165.00
26	6" SDR-35 PVC Flange Cap and Lateral Marker	EA.	25	\$50.00	\$1,250.00	28	-3	\$1,400.00	-\$150.00
27	2A Modified Backfill	C.Y.	1,000	\$12.00	\$12,000.00	1000	0	\$12,000.00	\$0.00
28	#57 Stone Bedding	C.Y.	150	\$20.00	\$3,000.00	150	0	\$3,000.00	\$0.00
29	2" Superpave HMA Binder	S.Y.	1,250	\$10.00	\$12,500.00	1250	0	\$12,500.00	\$0.00
30	1 1/2" Superpave HMA Wearing	S.Y.	1,250	\$8.00	\$10,000.00	1250	0	\$10,000.00	\$0.00
31	2" Bituminous Wearing Driveway Restoration	S.Y.	75	\$30.00	\$2,250.00	75	0	\$2,250.00	\$0.00
32	Saw Cut	L.F.	1,000	\$3.00	\$3,000.00	135	865	\$405.00	\$2,595.00
33	Temporary Paving	L.F.	500	\$6.00	\$3,000.00	500	0	\$3,000.00	\$0.00
34	5" Superpave HMA Base PADOT Restoration	S.Y.	25	\$60.00	\$1,500.00	25	0	\$1,500.00	\$0.00
35	2" Superpave HMA Binder PADOT Restoration	S.Y.	25	\$50.00	\$1,250.00	25	0	\$1,250.00	\$0.00
36	1 1/2" Superpave HMA Wearing PADOT Restoration	S.Y.	25	\$25.00	\$625.00	25	0	\$625.00	\$0.00
37	Typical Off-Street Restoration-PADOT ROW	L.F.	25	\$12.00	\$300.00	25	0	\$300.00	\$0.00
37	Typical Off-Street Restoration-	L.F.	2,900	\$5.00	\$14,500.00	2900	0	\$14,500.00	\$0.00
Subtotal - Phase 4					\$466,210.00	100.00%	0.00%	\$466,210.00	\$0.00

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
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PHASE 4 - VALLEY ROAD - Alternates

A-1	8" C-900 0-8 Feet installed in Casing Pipe	L.F.	75	\$73.00	\$5,475.00	0	75	\$0.00	\$5,475.00
A-2	8" C-900 8-10 Feet	L.F.	50	\$75.00	\$3,750.00	0	50	\$0.00	\$3,750.00
A-3	8" C-900 10-12 Feet	L.F.	20	\$77.00	\$1,540.00	0	20	\$0.00	\$1,540.00
A-4	8" C-900 12-14 Feet	L.F.	20	\$79.00	\$1,580.00	0	20	\$0.00	\$1,580.00
A-5	8" C-900 14-16 Feet	L.F.	75	\$81.00	\$6,075.00	0	75	\$0.00	\$6,075.00
A-6	8" C-900 16+ Feet	L.F.	290	\$83.00	\$24,070.00	0	290	\$0.00	\$24,070.00

Subtotal -Alternates

\$42,490.00 0.00% 100.00% \$0.00 \$42,490.00

Subtotal - Phase 4

\$466,210.00 100.00% 0.00% \$466,210.00 \$0.00

Subtotal - Alternatives

\$42,490.00 0.00% 100.00% \$0.00 \$42,490.00

TOTAL CONTRACT AMOUNT

\$508,700.00 91.65% 8.35% \$466,210.00 \$42,490.00

TOTAL AMOUNT OF WORK COMPLETED

\$466,210.00

LESS RETAINAGE- 0%

\$0.00

LESS PREVIOUS CERTIFICATES

\$459,216.85

TOTAL AMOUNT APPROVED THIS CERTIFICATE - FINAL

\$6,993.15

Payable to: Pact Construction, Inc
P.O. Box 74, 554 Route 31
Ringoes, NJ 08551

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer

Date

Certificate No. 10 Public Improvements Release for the David J. Carr Sr. Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	1 Each	Construction Entrance	\$1,500.00	\$1,500.00	1	0	\$1,500.00
2	940 L.F.	Silt Fence 30" High	\$2.85	\$2,679.00	940	0	\$2,679.00
3	75 L.F.	Super Silt Fence	\$10.00	\$750.00	75	0	\$750.00
4	1 Each	Temporary Riser	\$450.00	\$450.00	1	0	\$450.00
5	1 Each	Energy Dissipator	\$2,310.00	\$2,310.00	1	0	\$2,310.00
6	1 Each	Stilling Basin	\$1,410.00	\$1,410.00	1	0	\$1,410.00
7	3130 S.Y.	Slope Mat 3:1	\$1.00	\$3,130.00	3130	0	\$3,130.00
8	5240 S.Y.	Slope Mat 5:1	\$1.50	\$7,860.00	5240	0	\$7,860.00
9	140 S.Y.	Sed. Basin em. sply. Mat.	\$3.25	\$455.00	140	0	\$455.00
10	140 S.Y.	Det. Pond em. sply. Mat.	\$3.25	\$455.00	140	0	\$455.00
11	760 S.Y.	Perm. Swale Mat.	\$2.60	\$1,976.00	760	0	\$1,976.00
12	2191 S.Y.	Seeding & Mulching	\$0.75	\$1,643.25	2191	0	\$1,643.25
13	Lump Sum	Clearing & Grubbing	\$3,990.00	\$3,990.00	100%	0%	\$3,990.00
14	Lump Sum	Mowing	\$1,000.00	\$1,000.00	100%	0%	\$1,000.00
15	3032 C.Y.	Strip Topsoil	\$1.12	\$3,395.84	3032	0	\$3,395.84
16	2191 C.Y.	Replace Topsoil	\$3.87	\$8,479.17	2191	0	\$8,479.17
17	10,200 C.Y.	Cuts & Fills	\$2.34	\$23,868.00	10200	0	\$23,868.00
18	10,000 S.Y.	Grade Basin to Temp. Grades	\$0.23	\$2,300.00	10000	0	\$2,300.00
19	1870 C.Y.	Grade Pond to Perm. Grades	\$2.34	\$4,375.80	1870	0	\$4,375.80
20	4200 S.Y.	Grade Paving	\$0.34	\$1,428.00	4200	0	\$1,428.00
21	950 S.Y.	Grade Sidewalks & Aprons	\$1.69	\$1,605.50	950	0	\$1,605.50
22	Lump Sum	Grade Spillway	\$230.00	\$230.00	100%	0%	\$230.00
23	420 L.F.	Grade Swale	\$1.69	\$709.80	420	0	\$709.80
24	940 L.F.	Safety Fence	\$2.12	\$1,992.80	940	0	\$1,992.80
25	8 Each	Sanitary Manholes	\$1,500.00	\$12,000.00	8	0	\$12,000.00
26	1 Each	Manhole Tie-in	\$680.00	\$680.00	1	0	\$680.00
27	996 L.F.	8" SDR-35 Pipe	\$25.00	\$24,900.00	996	0	\$24,900.00
28	856 L.F.	6" SDR-35 Lateral Pipe	\$16.66	\$14,260.96	856	0	\$14,260.96
29	Lump Sum	Testing	\$570.00	\$570.00	100%	0%	\$570.00
30	10 Each	Inlets	\$1,500.00	\$15,000.00	10	0	\$15,000.00
31	1 Each	Double Inlet	\$2,000.00	\$2,000.00	1	0	\$2,000.00
32	1 Each	Outlet Structure	\$2,280.00	\$2,280.00	1	0	\$2,280.00
33	3 Each	Headwalls	\$760.00	\$2,280.00	3	0	\$2,280.00
34	3 Each	Storm Manholes	\$1,500.00	\$4,500.00	3	0	\$4,500.00
35	2 Each	Anti-Seep Collars	\$310.00	\$620.00	2	0	\$620.00
Sub-Total				\$157,084.12			\$157,084.12

Certificate No. 10 Public Improvements Release for the David J. Carr Sr. Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
36	125 L.F.	15" ALCMP	\$21.50	\$2,687.50	125	0	\$2,687.50
37	176 L.F.	21" ALCMP	\$25.00	\$4,400.00	176	0	\$4,400.00
38	334 L.F.	24" ALCMP	\$30.50	\$10,187.00	334	0	\$10,187.00
39	280 L.F.	27" ALCMP	\$38.00	\$10,640.00	280	0	\$10,640.00
40	255 L.F.	30" ALCMP	\$46.50	\$11,857.50	255	0	\$11,857.50
41	Lump Sum	Stone for Forebay	\$1,800.00	\$1,800.00	100%	0%	\$1,800.00
42	1900 L.F.	Curb Excavation	\$1.50	\$2,850.00	1900	0	\$2,850.00
43	1900 L.F.	Curb	\$9.50	\$18,050.00	1900	0	\$18,050.00
44	8520 S.F.	Stone Base Sidewalk & Aprons	\$3.81	\$32,461.20	8520	0	\$32,461.20
45	44 L.F.	Sawcut	\$5.00	\$220.00	44	0	\$220.00
46	4200 S.Y.	8" Stone Base	\$10.00	\$42,000.00	4200	0	\$42,000.00
47	4200 S.Y.	2" ID-2A Binder Course	\$4.41	\$18,522.00	4200	0	\$18,522.00
48	4200 S.Y.	1.5" ID-2A Wearing Course	\$5.51	\$23,142.00	4200	0	\$23,142.00
49	Lump Sum	Traffic Signage	\$570.00	\$570.00	100%	0%	\$570.00
50	4 Each	Street Lights	\$1,700.00	\$6,800.00	4	0	\$6,800.00
51	32 Each	Street Trees	\$300.00	\$9,600.00	32	0	\$9,600.00
52	Lump Sum	Pond Landscaping	\$3,000.00	\$3,000.00	0%	100%	\$0.00
53	Lump Sum	Survey Stakeout	\$8,800.00	\$8,800.00	100%	0%	\$8,800.00
54	Lump Sum	As Bulk Plan	\$5,800.00	\$5,800.00	52%	48%	\$3,000.00
55	11 Each	Concrete Monuments	\$100.00	\$1,100.00	11	0	\$1,100.00
56	23 Each	Concrete Lot Corner Markers	\$50.00	\$1,150.00	23	0	\$1,150.00
57	35 Each	Steel Pin Lot Corner Markers	\$50.00	\$1,750.00	35	0	\$1,750.00
	Lump Sum	10% Contingency	\$37,282.81	\$37,282.81	83.41%	16.59%	\$31,097.97
	Lump Sum	5% Construction Inspection	\$21,908.08	\$21,908.08	57.39%	42.61%	\$12,572.50
Sub-Total This Sheet				\$276,578.09			\$255,257.67
Sub-Total Sheet 1				\$157,084.12			\$157,084.12
TOTAL AMOUNT OF WORK COMPLETED							\$412,341.79

Certificate No. 10 Public Improvements Release for the David J. Carr Sr. Subdivision

TOTAL AMOUNT OF ESCROW	\$432,078.96
AMOUNT OF REMAINING WORK	<u>\$19,737.17</u>
AMOUNT OF WORK COMPLETED	\$412,341.79
LESS RETAINAGE	\$19,988.46
LESS CERTIFICATES #1 , #2, #3, #4, #5, #6, #7, #8, & #9	<u>\$377,773.33</u>
AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	\$14,580.00

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer (12/2/03)

610-366-9560
FAX 610-366-6032

Herbert E. MacCombie, Jr., P.E.

CONSULTING ENGINEERS & SURVEYORS, INC.
1000 PALMERS MILL ROAD
MEDIA, PA 19063

Herbert E. MacCombie, Jr., P.E., P.L.S. (1926-1994)
James W. MacCombie, P.E., P.L.S.
Herbert E. MacCombie, III, Technician

REPLY TO:
P.O. BOX 118
BROOMALL, PA 19008-0118

May 28, 1999

Board of Supervisors
Sadsbury Township
P.O. Box 261
Sadsburyville, Pa. 19369

Attention: Lisa Myers, Secretary

Re: Quarry Ridge Subdivision
Escrow Fund Tabulation

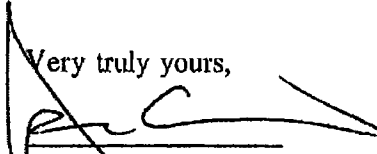
Dear Board of Supervisors:

Please be advised our office has reviewed the revised "Escrow Fund Tabulation for Public Improvements" for Phases I, II, III & IV of the Quarry Ridge Subdivision prepared by Nave, Newell, and Stampfl, Ltd dated 3/17/99 with latest revisions dated 5/10/99.

The revisions provided by the applicant appear to address the recommendation of our previous comments based on our review letter of May 6, 1999. Additionally the applicant has submitted a copy of the Water Plan Extension Agreement between City of Coatesville Authority and Cosmos Development Company which appears acceptable in lieu of Escrowing Funds for Public Water Service.

Please contact our office if you have any questions.

Very truly yours,



James W. MacCombie, P.E.

Copy: Cosmos Development
Nave, Newell & Stampfl, LTD
Vince Pompo, Esq.

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase I
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

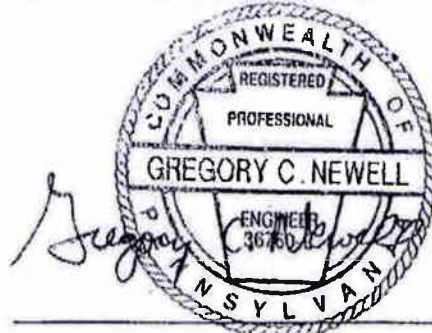
97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Roadway Improvements				
7"x8" Concrete Curb	6,201	LF	9.50	\$ 58,910
Concrete Mountable Curb	123	LF	12.00	\$ 1,476
Conc. Sidewalk 4" Depth (incl. Subbase)	540	SY	22.50	\$ 12,150
8" 3A Modified Stone Base	8,753	SY	10.00	\$ 87,530
2" Bituminous Binder Course	9,262	SY	4.25	\$ 39,364
1.5" Bituminous Wearing Course	9,301	SY	3.00	\$ 27,903
6" 2A Modified Stone Base	509	SY	8.00	\$ 4,072
8" B.C.B.C.	509	SY	15.00	\$ 7,635
Cut	29,896	CY	2.25	\$ 67,266
Fill	10,037	CY	1.75	\$ 17,565
				\$ 323,870
Erosion Controls				
Silt Fence	2,190	LF	2.00	\$ 4,380
Rock Construction Entrance	2	EA	1,500.00	\$ 3,000
Inlet Protection	6	EA	150.00	\$ 900
Permanent Stabilization		LS	10,000.00	\$ 10,000
Temporary Seeding		LS	1,000.00	\$ 1,000
Stone Filter Berms	6	EA	100.00	\$ 600
Temporary Riser	1	EA	1,115.00	\$ 1,115
Swales	4,659	SY	1.70	\$ 7,920
Plywood Baffles	68	LF	15.00	\$ 1,020
Erosion Control Matting	15,875	SY	3.50	\$ 55,563
Rock Basin	1	EA	1,500.00	\$ 1,500
				\$ 86,928
Sanitary Sewer				
8" PVC SDR35	1,864	LF	25.00	\$ 46,600
8" Class 52 DIP	717	LF	44.00	\$ 31,548
Precast Concrete Manholes	13	EA	1,500.00	\$ 19,500
6" PVC SDR35 Lateral	1,271	LF	15.00	\$ 19,065
Furnish and Place Drop Manholes	37	VF	60.00	\$ 2,220
Tie Into Existing Manhole	1	EA	1,500.00	\$ 1,500
				\$ 120,433
Miscellaneous				
Clearing & Grubbing / Haul Away		LS	32,100.00	\$ 32,100
Concrete Monuments	27	EA	125.00	\$ 3,375
Capital Imp. Contribution to Gen. Fund		LS	12,000.00	\$ 12,000
Playground Equipment		LS	6,000.00	\$ 6,000
Stop Signs, etc.	5	EA	100.00	\$ 500
Street Signs	9	EA	125.00	\$ 1,125
Street Lights	4	EA	1,500.00	\$ 6,000
As-Built Plan		LS	4,000.00	\$ 4,000
Construction Stakeout		LS	12,400.00	\$ 12,400
Iron Pins at Property Corners	86	EA	75.00	\$ 6,450
Maint. And Protection of Traffic		LS	1,000.00	\$ 1,000
				\$ 84,950
Sub-Total				\$ 616,251

NAVE, NEWELL, AND STAMPFL, LTD QUARRY RIDGE SUBDIVISION- Phase I SADSBURY TOWNSHIP, CHESTER COUNTY, PA ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS				
Date: 3/17/99		97-081		
Date: 5/10/99 (Revised)				
Description	Quantity	Units	Unit Price	Total
Storm Sewers				
15" RCP	26	LF	21.00	\$ 546
18" RCP	127	LF	27.50	\$ 3,493
24" RCP	220	LF	39.50	\$ 8,690
15" ADS	1,866	LF	20.00	\$ 37,320
18" ADS	244	LF	24.00	\$ 5,856
24" ADS	227	LF	28.00	\$ 6,356
Precast Concrete Sewer Manhole	2	EA	1,500.00	\$ 3,000
Precast Type C Inlet	17	EA	1,200.00	\$ 20,400
Precast Type M Inlet	3	EA	1,200.00	\$ 3,600
Modified Precast Type C Inlet	1	EA	1,400.00	\$ 1,400
Double Precast Type C Inlet	5	EA	1,700.00	\$ 8,500
Type D-W Endwall	2	EA	1,200.00	\$ 2,400
Anti-Seep Collar	1	EA	200.00	\$ 200
Detention Basin Construction		LS	28,500.00	\$ 28,500
Rip Rap	526	TONS	20.00	\$ 10,520
				\$ 140,781
Landscaping				
Green Mtn. Sugar Maple 2"-2 1/2" Cal.	4	EA	280.00	\$ 1,120
Village Green Zelkova 2"-2 1/2" Cal.	15	EA	330.00	\$ 4,950
Bradford Pear 2"-2 1/2" Cal.	40	EA	280.00	\$ 11,200
American Red Maple 2"-2 1/2" Cal.	3	EA	300.00	\$ 900
Sawtooth Oak 2 1/2"-3" Cal.	37	EA	395.00	\$ 14,615
				\$ 32,785
Sub-total				\$ 173,566
Sub-total Pg. 1				\$ 616,251
10 % Contingency				\$ 78,982
5 % Construction Inspection				\$ 39,491
Total				\$ 908,290

I hereby certify to the best of my knowledge and belief that the cost of completion of the required public improvements for the "Quarry Ridge" Subdivision as indicated herein are fair and reasonable.



Gregory C. Newell, P.E. PA License #: 36760-E

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase II
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Roadway Improvements				
7"x8" Concrete Curb	4,388	LF	9.50	\$ 41,686
Conc. Sidewalk 4" Depth (incl. Subbase)	706	SY	22.50	\$ 15,885
8" 3A Modified Stone Base	6,075	SY	10.00	\$ 60,750
2" Bituminous Binder Course	6,075	SY	4.25	\$ 25,819
1.5" Bituminous Wearing Course	6,075	SY	3.00	\$ 18,225
Cut	16,118	CY	2.25	\$ 36,266
Fill	15,302	CY	1.75	\$ 26,779
				\$ 225,400
Erosion Controls				
Silt Fence	1,175	LF	2.00	\$ 2,350
Rock Construction Entrance	2	EA	1,500.00	\$ 3,000
Inlet Protection	17	EA	150.00	\$ 2,550
Permanent Stabilization		LS	10,500.00	\$ 10,500
Temporary Seeding		LS	1,000.00	\$ 1,000
Stone Filter Berms	2	EA	100.00	\$ 200
Temporary Riser (Trap #1)	1	EA	785.00	\$ 785
Embankment Trap Outlet (Trap #2)	1	EA	839.00	\$ 839
Sediment Trap	2	EA	2,800.00	\$ 5,600
Swales	4,473	SY	1.70	\$ 7,604
Erosion Control Matting	5,532	SY	3.50	\$ 19,362
Rock Basin	1	SY	1,500.00	\$ 1,500
				\$ 55,290
Sanitary Sewer				
8" PVC SDR35	2,275	LF	25.00	\$ 56,875
8" Class 52 DIP	298	LF	44.00	\$ 13,112
Precast Concrete Manholes	10	EA	1,500.00	\$ 15,000
6" PVC SDR35 Lateral	1,049	LF	15.00	\$ 15,735
				\$ 100,722
Miscellaneous				
Concrete Monuments	12	EA	125.00	\$ 1,500
Stop Signs, etc.	2	EA	100.00	\$ 200
Street Signs	2	EA	125.00	\$ 250
As-Built Plan		LS	4,000.00	\$ 4,000
Construction Stakeout		LS	11,155.00	\$ 11,155
Iron Pins at Property Corners	75	EA	75.00	\$ 5,625
Clearing & Grubbing / Haul Away		LS	7,900.00	\$ 7,900
				\$ 30,630
Sub-Total				\$ 412,051

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase II
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

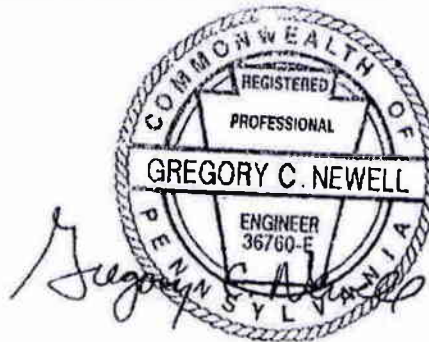
Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Storm Sewers				
15" ADS	706	LF	20.00	\$ 14,120
18" ADS	264	LF	24.00	\$ 6,336
24" ADS	25	LF	28.00	\$ 700
30" ADS	175	LF	36.00	\$ 6,300
36" ADS	1,747	LF	40.00	\$ 69,880
Precast Concrete Sewer Manhole	2	EA	1,500.00	\$ 3,000
Precast Type C Inlet	5	EA	1,200.00	\$ 6,000
Precast Type M Inlet	2	EA	1,200.00	\$ 2,400
Modified Precast Type C Inlet	9	EA	1,400.00	\$ 12,600
Modified Precast Type M Inlet	1	EA	1,400.00	\$ 1,400
Double Precast Type C Inlet	1	EA	1,700.00	\$ 1,700
Double Precast Type M Inlet	1	EA	1,700.00	\$ 1,700
(36") Type D-W Endwall	1	EA	1,400.00	\$ 1,400
Rip Rap	140	TONS	20.00	\$ 2,800
				\$ 130,336
Landscaping				
Green Mtn. Sugar Maple 2"-2 1/2" Cal.	6	EA	280.00	\$ 1,680
Village Green Zelkova 2"-2 1/2" Cal.	2	EA	330.00	\$ 660
Summit Ash 2"-2 1/2" Cal.	34	EA	200.00	\$ 6,800
American Red Maple 2"-2 1/2" Cal.	20	EA	300.00	\$ 6,000
				\$ 13,140
Sub-total				\$ 145,476
Sub-total Pg. 1				\$ 412,051
10 % Contingency				\$ 55,753
5 % Construction Inspection				\$ 27,876
Total				\$ 641,156

I hereby certify to the best of my knowledge and belief that the cost of completion of the required public improvements for the "Quarry Ridge" Subdivision as indicated herein are fair and reasonable.



Gregory C. Newell, P.E. PA License #: 36760-E

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase III
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Roadway Improvements				
7"x8" Concrete Curb	4,268	LF	9.50	\$ 40,546
Conc. Sidewalk 4" Depth (incl. Subbase)	400	SY	22.50	\$ 9,000
8" 3A Modified Stone Base	6,711	SY	10.00	\$ 67,110
2" Bituminous Binder Course	6,711	SY	4.25	\$ 28,522
1.5" Bituminous Wearing Course	6,711	SY	3.00	\$ 20,133
Cut	14,504	CY	2.25	\$ 32,634
Fill	23,736	CY	1.75	\$ 41,538
				\$ 239,483
Erosion Controls				
Silt Fence	2,085	LF	2.00	\$ 4,170
Permanent Stabilization		LS	15,200.00	\$ 15,200
Temporary Seeding		LS	1,000.00	\$ 1,000
Rock Construction Entrance	1	EA	1,500.00	\$ 1,500
Swale	7,105	SY	1.70	\$ 12,079
Stone Filter Berms	6	EA	100.00	\$ 600
Plywood Baffles	140	LF	15.00	\$ 2,100
Rock Basin	2	EA	1,500.00	\$ 3,000
Erosion Control Matting	13,714	SY	3.50	\$ 47,999
Temporary Riser	1	EA	1,153.00	\$ 1,153
				\$ 88,801
Sanitary Sewer				
8" PVC SDR35	1,966	LF	25.00	\$ 49,150
8" Class 52 DIP	216	LF	44.00	\$ 9,504
Precast Concrete Manholes	11	EA	1,500.00	\$ 16,500
6" PVC SDR35 Lateral	1,327	LF	15.00	\$ 19,905
Furnish and Place Drop Manholes	5.0	VF	60.00	\$ 300
				\$ 95,359
Miscellaneous				
Concrete Monuments	20	EA	125.00	\$ 2,500
Playground Equipment		LS	6,000.00	\$ 6,000
Stop Signs, etc.	4	FA	100.00	\$ 400
Street Signs	2	EA	125.00	\$ 250
As-Built Plan		LS	4,000.00	\$ 4,000
Construction Stakeout		LS	12,395.00	\$ 12,395
Iron Pins at Property Corners	81	EA	75.00	\$ 6,075
Clearing & Grubbing / Haul Away		LS	7,288.00	\$ 7,288
				\$ 38,908
Sub-Total				\$ 462,550

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase III
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Storm Sewers				
15" ADS	1,071	LF	20.00	\$ 21,420
18" ADS	372	LF	24.00	\$ 8,928
24" ADS	1,247	LF	28.00	\$ 34,916
36" ADS	415	LF	40.00	\$ 16,600
Precast Concrete Sewer Manhole	3	EA	1,500.00	\$ 4,500
Precast Type C Inlet	4	EA	1,200.00	\$ 4,800
Precast Type M Inlet	5	EA	1,200.00	\$ 6,000
Modified Precast Type C Inlet	8	EA	1,400.00	\$ 11,200
Double Precast Type C Inlet	4	EA	1,700.00	\$ 6,800
Type D-W Endwall	3	EA	1,200.00	\$ 3,600
(36") Type D-W Endwall	1	EA	1,400.00	\$ 1,400
Detention Basin Construction		LS	38,275.00	\$ 38,275
Rip Rap	536	TONS	20.00	\$ 10,720
Anti-Seep Collars	2	EA	200.00	\$ 400
				\$ 169,559
Landscaping				
Green Mtn. Sugar Maple 2"-2 1/2" Cal.	14	EA	280.00	\$ 3,920
Village Green Zelkova 2"-2 1/2" Cal.	25	EA	330.00	\$ 8,250
Red Oak 2 1/2"-3" Cal.	7	EA	400.00	\$ 2,800
American Red Maple 2"-2 1/2" Cal.	15	EA	300.00	\$ 4,500
				\$ 19,470
Sub-total				\$ 189,029
Sub-total Pg. 1				\$ 462,550
10 % Contingency				\$ 65,158
5 % Construction Inspection				\$ 32,579
Total				\$ 749,506

I hereby certify to the best of my knowledge and belief that the cost of completion of the required public improvements for the "Quarry Ridge" Subdivision as indicated herein are fair and reasonable.



 GREGORY C. NEWELL
 ENGINEER
 36760-E
 PENNSYLVANIA
 Gregory C. Newell, P.E. License #: 36760-E

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase IV
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Roadway Improvements				
7"x8" Concrete Curb	5,098	LF	9.50	\$ 48,431
Conc. Sidewalk 4" Depth (incl. Subbase)	603	SY	22.50	\$ 13,568
8" 3A Modified Stone Base	7,745	SY	10.00	\$ 77,450
2" Bituminous Binder Course	7,745	SY	4.25	\$ 32,916
1.5" Bituminous Wearing Course	7,745	SY	3.00	\$ 23,235
Cut	12,186	CY	2.25	\$ 27,419
Fill	5,638	CY	1.75	\$ 9,867
				\$ 232,885
Erosion Controls				
Silt Fence	1,908	LF	2.00	\$ 3,816
Straw Bale Barrier	392	LF	1.50	\$ 588
Sediment Trap	3	EA	4,000.00	\$ 12,000
Inlet Protection	23	EA	150.00	\$ 3,450
Permanent Stabilization		LS	9,800.00	\$ 9,800
Temporary Seeding		LS	1,000.00	\$ 1,000
Rock Construction Entrance	2	EA	1,500.00	\$ 3,000
Diversion Swale	1,535	SY	1.70	\$ 2,610
Erosion Control Matting	8,348	SY	3.50	\$ 29,218
Embankment Trap Outlets	3	EA	450.00	\$ 1,350
				\$ 66,832
Sanitary Sewer				
8" PVC SDR35	2,278	LF	25.00	\$ 56,950
Precast Concrete Manholes	11	EA	1,500.00	\$ 16,500
6" PVC SDR35 Lateral	1,612	LF	15.00	\$ 24,180
				\$ 97,630
Miscellaneous				
Concrete Monuments	19	EA	125.00	\$ 2,375
Stop Signs, etc.	4	EA	100.00	\$ 400
Street Signs	2	EA	125.00	\$ 250
Street Lights	1	EA	1,500.00	\$ 1,500
As-Built Plan		LS	4,000.00	\$ 4,000
Construction Stakeout		LS	11,155.00	\$ 11,155
Iron Pins at Property Corners	91	EA	75.00	\$ 6,825
Clearing & Grubbing / Haul Away		LS	4,445.00	\$ 4,445
				\$ 30,950
Sub-Total				\$ 428,296

Certificate No. 23 Public Improvements Release for the Sadsbury Village Development

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Clearing and Grubbing	\$13,335.00	\$13,335.00	100%	0%	\$13,335.00
2	20,400 C.Y.	Strip Topsoil	\$1.10	\$22,440.00	20400	0	\$22,440.00
3	22,325 C.Y.	Cut	\$1.75	\$39,068.75	22325	0	\$39,068.75
4	25,410 C.Y.	Fill	\$0.00	\$0.00	25410	0	\$0.00
5	3,850 C.Y.	Borrow	\$5.00	\$19,250.00	3850	0	\$19,250.00
6	2 Each	Construction Entrance	\$1,500.00	\$3,000.00	2	0	\$3,000.00
7	2,810 L.F.	18" Silt Fence	\$2.50	\$7,025.00	2810	0	\$7,025.00
8	325 L.F.	30" Silt Fence	\$3.00	\$975.00	325	0	\$975.00
9	1,200 L.F.	Orange Safety Fence	\$2.20	\$2,640.00	1200	0	\$2,640.00
10	42 Each	Inlet Protection	\$100.00	\$4,200.00	42	0	\$4,200.00
11	675 S.Y.	Interceptor Swales	\$2.25	\$1,518.75	675	0	\$1,518.75
12	Lump Sum	Temporary Seeding	\$25,000.00	\$25,000.00	100%	0%	\$25,000.00
13	Lump Sum	Permanent Seeding	\$30,000.00	\$30,000.00	100%	0%	\$30,000.00
14	2 Each	Temporary Riser	\$1,500.00	\$3,000.00	2	0	\$3,000.00
15	2 Each	Temp. Sediment Traps	\$4,000.00	\$8,000.00	2	0	\$8,000.00
16	675 S.Y.	Erosion Control Matting	\$3.50	\$2,362.50	675	0	\$2,362.50
17	120 Tons	Rip-Rap R-4 & R-5	\$27.00	\$3,240.00	120	0	\$3,240.00
18	1 Each	18" DW Endwall	\$1,250.00	\$1,250.00	1	0	\$1,250.00
19	2 Each	24" DW Endwall	\$1,500.00	\$3,000.00	2	0	\$3,000.00
20	1 Each	42" DW Endwall	\$2,500.00	\$2,500.00	1	0	\$2,500.00
21	910 L.F.	15" ACMP - 16 Gauge	\$21.50	\$19,565.00	910	0	\$19,565.00
22	462 L.F.	15" RCP Class 3 w/gaskets	\$23.50	\$10,857.00	462	0	\$10,857.00
23	34 L.F.	18" RCP O-Ring Barrel	\$52.00	\$1,768.00	34	0	\$1,768.00
24	220 L.F.	18" ACMP - 16 Gauge	\$24.00	\$5,280.00	220	0	\$5,280.00
25	732 L.F.	24" ACMP - 16 Gauge	\$30.00	\$21,960.00	732	0	\$21,960.00
26	196 L.F.	30" ACMP - 16 Gauge	\$35.00	\$6,860.00	196	0	\$6,860.00
27	314 L.F.	36" ACMP - 14 Gauge	\$37.50	\$11,775.00	314	0	\$11,775.00
28	94 L.F.	42" ACMP - 14 Gauge	\$42.50	\$3,995.00	94	0	\$3,995.00
29	22 Each	Type "C" Inlet	\$1,250.00	\$27,500.00	22	0	\$27,500.00
30	16 Each	Type "C" Inlet Modified	\$1,600.00	\$25,600.00	16	0	\$25,600.00
31	4 Each	Type "M" Inlet	\$1,325.00	\$5,300.00	4	0	\$5,300.00
32	112 L.F.	24" RCP Class 3 w/gaskets	\$38.00	\$4,256.00	112	0	\$4,256.00
33	40 L.F.	18" RCP Class 3 w/gaskets	\$27.50	\$1,100.00	40	0	\$1,100.00
34	46 L.F.	24" RCP O-Ring Joints	\$48.00	\$2,208.00	46	0	\$2,208.00
Sub-Total				\$339,829.00			\$339,829.00

Certificate No. 23 Public Improvements Release for the Sadsbury Village Development

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
35	2 Each	Outlet Structure	\$1,675.00	\$3,350.00	2	0	\$3,350.00
36	2 Each	Anti-Seep Collars	\$1,000.00	\$2,000.00	2	0	\$2,000.00
37	1,120 S.F.	Emergency Spillway	\$0.75	\$840.00	1120	0	\$840.00
38	2 Each	Infiltration Channel	\$4,500.00	\$9,000.00	2	0	\$9,000.00
39	Lump Sum	Plunge Pool Basin "A"	\$500.00	\$500.00	100%	0%	\$500.00
40	70 L.F.	18" RCP Water Tight Joints	\$47.50	\$3,325.00	70	0	\$3,325.00
41	Lump Sum	Detection Basin "A"	\$20,000.00	\$20,000.00	100%	0%	\$20,000.00
42	Lump Sum	Detection Basin "B"	\$22,500.00	\$22,500.00	100%	0%	\$22,500.00
43	1 Each	Tie In to Existing Manhole	\$1,500.00	\$1,500.00	1	0	\$1,500.00
44	25 Each	Sanitary Manhole	\$1,500.00	\$37,500.00	25	0	\$37,500.00
45	1 Each	Sanitary Drop Manhole	\$2,500.00	\$2,500.00	1	0	\$2,500.00
46	5,019 L.F.	8" PVC SDR-35	\$25.00	\$125,475.00	5019	0	\$125,475.00
47	5,110 L.F.	6" PVC SDR-35 Laterals	\$15.00	\$76,650.00	5110	0	\$76,650.00
48	146 Each	6" PVC Lateral Wye Conn.	\$75.00	\$10,950.00	146	0	\$10,950.00
49	38,875 S.F.	Grade and Seed Easement	\$0.04	\$1,555.00	38875	0	\$1,555.00
50	Lump Sum	Main. & Prot. of Traffic	\$5,000.00	\$5,000.00	100%	0%	\$5,000.00
51	7,863 L.F.	7"x8"x18" Concrete Curb	\$9.50	\$74,698.50	7863	0	\$74,698.50
52	10,675 S.Y.	8" CABC	\$10.00	\$106,750.00	10675	0	\$106,750.00
53	10,675 S.Y.	1.5" ID-2 Binder Course	\$3.50	\$37,362.50	10675	0	\$37,362.50
54	10,675 S.Y.	1" ID-2 Wearing Course	\$3.00	\$32,025.00	10675	0	\$32,025.00
55	3,365 S.Y.	10" CABC (Heavy Paving)	\$12.50	\$42,062.50	3365	0	\$42,062.50
56	3,365 S.Y.	1.5" Binder (Heavy Paving)	\$3.50	\$11,777.50	3365	0	\$11,777.50
57	3,365 S.Y.	1" Wearing (Heavy Paving)	\$3.00	\$10,095.00	3365	0	\$10,095.00
58	660 L.F.	Curb Demolition	\$3.50	\$2,310.00	660	0	\$2,310.00
59	660 L.F.	Saw Cut	\$2.50	\$1,650.00	660	0	\$1,650.00
60	910 S.Y.	8" 2A Modified	\$9.50	\$8,645.00	910	0	\$8,645.00
61	910 S.Y.	8" BCBC	\$18.25	\$16,607.50	910	0	\$16,607.50
62	910 S.Y.	2" ID-2 Binder	\$4.25	\$3,867.50	910	0	\$3,867.50
63	910 S.Y.	1.5" Wearing Course	\$3.50	\$3,185.00	910	0	\$3,185.00
64	12 Each	Handicap Ramps	\$600.00	\$7,200.00	12	0	\$7,200.00
65	2,500 S.Y.	Conc. Sidewalk 4" Depth	\$24.50	\$61,250.00	2500	0	\$61,250.00
66	1,500 S.Y.	Conc. Sidewalk 6" Depth	\$36.75	\$55,125.00	1500	0	\$55,125.00
67	9 Each	Green Min. Surgar Maple	\$345.00	\$3,105.00	9	0	\$3,105.00
68	19 Each	Pin Oak	\$535.00	\$10,165.00	19	0	\$10,165.00
69	15 Each	Aristocrab Pear	\$335.00	\$5,025.00	15	0	\$5,025.00
Sub-Total				\$815,551.00			\$815,551.00

Certificate No. 23 Public Improvements Release for the Sadsbury Village Development

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
70	15 Each	October Glory Red Maple	\$345.00	\$5,175.00	15	0	\$5,175.00
71	50 Each	Norway Spruce	\$88.50	\$4,425.00	50	0	\$4,425.00
72	54 Each	Eastern White Pine	\$73.50	\$3,969.00	54	0	\$3,969.00
73	33 Each	Konze Dogwood	\$108.00	\$3,564.00	33	0	\$3,564.00
74	8 Each	Red Side Jade Crab	\$263.00	\$2,104.00	8	0	\$2,104.00
75	28 Each	Shadow Service Berry	\$270.00	\$7,560.00	28	0	\$7,560.00
76	24 Each	Autumn Flowering Cherry	\$345.00	\$8,280.00	24	0	\$8,280.00
77	250 Each	Blue Princess Holly	\$50.00	\$12,500.00	250	0	\$12,500.00
78	245 Each	Dense Yew	\$38.50	\$9,432.50	245	0	\$9,432.50
79	147 Each	Dwarf Fothergilla	\$32.50	\$4,777.50	147	0	\$4,777.50
80	495 Each	Delaware Valley White Azalea	\$32.50	\$16,087.50	495	0	\$16,087.50
81	495 Each	Little Princess Spirea	\$45.50	\$22,522.50	495	0	\$22,522.50
82	730 Each	Sargent Juniper	\$28.00	\$20,440.00	730	0	\$20,440.00
83	10 Each	Red Maple	\$345.00	\$3,450.00	10	0	\$3,450.00
84	10 Each	Weeping Willow	\$143.00	\$1,430.00	10	0	\$1,430.00
85	10 Each	Sycamore	\$143.00	\$1,430.00	10	0	\$1,430.00
86	26 Each	Red Twig Dogwood	\$68.50	\$1,781.00	26	0	\$1,781.00
87	30 Each	Summer Sweet Clovers	\$68.50	\$2,055.00	30	0	\$2,055.00
88	12 Each	Common Winterberry	\$68.50	\$822.00	12	0	\$822.00
89	6 Each	Stop Signs	\$100.00	\$600.00	6	0	\$600.00
90	6 Each	Street Signs	\$125.00	\$750.00	6	0	\$750.00
91	2 Each	Right Turn Only Sign	\$100.00	\$200.00	2	0	\$200.00
92	8 Each	Parking Lot Lights	\$1,500.00	\$12,000.00	8	0	\$12,000.00
93	45 Each	Concrete Monuments	\$125.00	\$5,625.00	45	0	\$5,625.00
94	30 Each	Iron Pipe Corner Posts	\$75.00	\$2,250.00	30	0	\$2,250.00
95	2 Each	Utility Pole Relocation	\$2,500.00	\$5,000.00	2	0	\$5,000.00
96	1,500 S.Y.	4' Wide Walking Trail	\$18.50	\$27,750.00	1500	0	\$27,750.00
97	Lump Sum	Playground 40'x40'	\$30,000.00	\$30,000.00	100%	0%	\$30,000.00
98	1 Each	Garbo	\$2,250.00	\$2,250.00	1	0	\$2,250.00
99	Lump Sum	Construction Stakeout	\$37,500.00	\$37,500.00	100.00%	0.00%	\$37,500.00
100	Lump Sum	As Built Plans	\$8,000.00	\$8,000.00	100%	0%	\$8,000.00
101	Lump Sum	Traffic Signal Contribution	\$60,000.00	\$60,000.00	100.00%	0.00%	\$60,000.00
102	Lump Sum	Line Painting	\$2,250.00	\$2,250.00	100%	0%	\$2,250.00
	Lump Sum	10% Contingency	\$148,136.00	\$148,136.00	100.00%	0.00%	\$148,136.00
	Lump Sum	5% Construction Inspection	\$74,068.00	\$74,068.00	100.00%	0.00%	\$74,068.00
Sub-Total This Sheet				\$548,184.00			\$548,184.00

Certificate No. 23 Public Improvements Release for the Sadsbury Village Development

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
Sub-Total Sheet 1				\$339,829.00			\$339,829.00
Sub-Total Sheet 2				\$815,551.00			\$815,551.00
Sub-Total Sheet 3				\$548,184.00			\$548,184.00
TOTAL AMOUNT OF WORK COMPLETED							\$1,703,564.00

TOTAL AMOUNT OF ESCROW	\$1,703,564.00
AMOUNT OF REMAINING WORK	\$0.00
AMOUNT OF WORK COMPLETED	\$1,703,564.00
 LESS RETAINAGE	 \$0.00
 LESS CERTIFICATES #1 through #22	 \$1,690,453.80
 AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	 \$13,110.20

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer
(10/3/06)

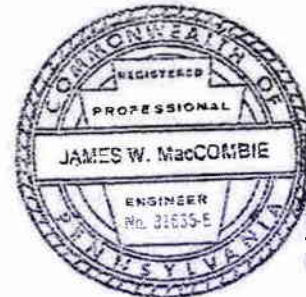
Certificate No. 12 Public Improvements Octorara Glen Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Boundary Survey	\$2,500.00	\$2,500.00	100%	0%	\$2,500.00
2	Lump Sum	Construction Stakout	\$12,600.00	\$12,600.00	100.00%	0.00%	\$12,600.00
3	22 Each	Concrete Monuments	\$150.00	\$3,300.00	0	22	\$0.00
4	42 Each	Iron Pins	\$80.00	\$3,360.00	0	42	\$0.00
5	Lump Sum	As Built Plan	\$3,500.00	\$3,500.00	0%	100%	\$0.00
6	5 Acres	Clearing	\$3,500.00	\$17,500.00	5	0	\$17,500.00
7	30,155 C.Y.	Strip Topsoil	\$1.75	\$52,771.25	30155	0	\$52,771.25
8	37,240 C.Y.	Cut ROW	\$1.75	\$65,170.00	37240	0	\$65,170.00
9	27,490 C.Y.	Fill	\$0.90	\$24,741.00	27490	0	\$24,741.00
10	259,600 C.Y.	Rough Grading	\$0.03	\$7,788.00	259600	0	\$7,788.00
11	764,550 S.Y.	Ro Grade Site	\$0.02	\$15,291.00	764550	0	\$15,291.00
12	100 Tons	Rip-Rap at Endwalls	\$30.20	\$3,020.00	100	0	\$3,020.00
13	Lump Sum	Forebay & Sand	\$12,280.00	\$12,280.00	0%	100%	\$0.00
14	3,523 L.F.	8" SDR-35 Pipe	\$19.50	\$68,698.50	3523	0	\$68,698.50
15	1,352 L.F.	6" SDR-35 Pipe	\$16.75	\$22,646.00	1352	0	\$22,646.00
16	22 Each	Manholes	\$2,460.00	\$54,120.00	22	0	\$54,120.00
17	2 Each	Drop Connections	\$1,000.00	\$2,000.00	2	0	\$2,000.00
18	1 Each	Drop Manhole	\$3,050.00	\$3,050.00	1	0	\$3,050.00
19	1 Each	Stream Crossing	\$2,000.00	\$2,000.00	1	0	\$2,000.00
20	20 L.F.	Concrete Encasement	\$55.00	\$1,100.00	20	0	\$1,100.00
21	44 Each	Laterals	\$160.00	\$7,040.00	44	0	\$7,040.00
22	Lump Sum	Easement Restoration	\$1,875.00	\$1,875.00	100%	0%	\$1,875.00
23	1 Each	Stream Crossing	\$2,500.00	\$2,500.00	1	0	\$2,500.00
24	Lump Sum	Testing	\$3,650.00	\$3,650.00	100.00%	0.00%	\$3,650.00
25	1,139 L.F.	15" Pipe	\$19.00	\$21,641.00	1139	0	\$21,461.00
26	875 L.F.	18" Pipe	\$21.25	\$18,593.75	875	0	\$18,593.75
27	57 L.F.	36" Pipe	\$42.50	\$2,422.50	57	0	\$2,422.50
28	1,299 L.F.	24" Pipe	\$26.75	\$34,748.25	1299	0	\$34,748.25
29	104 L.F.	30" Pipe	\$37.00	\$3,848.00	104	0	\$3,848.00
30	11 Each	Type C Special Inlets	\$1,900.00	\$20,900.00	11	0	\$20,900.00
31	25 Each	Type C Inlets	\$1,400.00	\$35,000.00	25	0	\$35,000.00
32	3 Each	DW Endwalls	\$4,475.00	\$13,425.00	3	0	\$13,425.00
33	1 Each	Type M Inlet	\$1,300.00	\$1,300.00	1	0	\$1,300.00
34	430 L.F.	36" Perforated Pipe	\$29.66	\$12,755.00	430	0	\$12,755.00
35	2,060 L.F.	Super Silt Fence	\$4.87	\$10,030.00	2060	0	\$10,030.00
Sheet Sub-Total				\$567,164.25			\$544,544.25

Certificate No. 12 Public Improvements Octorara Glen Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
36	3,850 L.F.	18" Silt Fence	\$1.60	\$6,160.00	3850	0	\$6,160.00
37	36 Each	Inlet Protection	\$85.00	\$3,060.00	0	36	\$0.00
38	60,367 S.F.	Temporary Seeding	\$0.02	\$1,207.34	60367	0	\$1,207.34
39	1 Each	Construction Entrance	\$2,750.00	\$2,750.00	1	0	\$2,750.00
40	44,031 S.F.	Curlex	\$0.47	\$20,555.60	44031	0	\$20,555.60
41	7,175 L.F.	Concrete Curb	\$7.50	\$53,812.50	7175	0	\$53,812.50
42	24,880 S.F.	4" Sidewalk	\$2.15	\$53,492.00	19536	5344	\$42,002.40
43	3,520 S.F.	6" Sidewalk	\$2.35	\$8,272.00	1680	1840	\$3,948.00
44	44 Each	Concrete Aprons	\$455.00	\$20,020.00	33	11	\$15,015.00
45	12 Each	Handicap Ramps	\$250.00	\$3,000.00	10	2	\$2,500.00
46	11,588 S.Y.	6" 2A Modified	\$5.80	\$67,210.40	11588	0	\$67,210.40
47	11,588 S.Y.	4" B.C.B.C.	\$7.10	\$82,247.80	11588	0	\$82,247.80
48	11,588 S.Y.	1-1/2" ID-2 Wearing Crse.	\$4.25	\$49,249.00	0	11588	\$0.00
49	11,588 S.Y.	Clean To Seal	\$0.20	\$2,317.60	0	11588	\$0.00
50	1,425 S.Y.	Walking Trail	\$3.50	\$4,987.50	0	1425	\$0.00
51	8 Each	Street Signs	\$100.00	\$800.00	8	0	\$800.00
52	208 Each	Street Trees	\$350.00	\$72,800.00	0	208	\$0.00
53	Lump Sum	10% Contingency	\$101,910.60	\$101,910.60	0.00%	100.00%	\$0.00
54	Lump Sum	5% Construction Inspection	\$50,955.30	\$50,955.30	62.25%	37.75%	\$31,721.83
Sub-Total This Sheet				\$604,807.64			\$329,929.87
Sub-Total Sheet 1				\$567,164.25			\$544,544.25
Total Amount of Work Completed							\$874,474.12

TOTAL AMOUNT OF ESCROW	\$1,171,971.89
AMOUNT OF REMAINING WORK	\$297,497.77
AMOUNT OF WORK COMPLETED	\$874,474.12
LESS RETAINAGE	\$42,137.61
LESS CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, & #11	\$819,620.33
AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	\$12,716.18



James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer (4/4/06)

Certificate No. 12 Public Improvements Cowan Estates Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Construction Stake-out	\$16,000.00	\$16,000.00	100.00%	0.00%	\$16,000.00
2	Lump Sum	Clearing	\$5,500.00	\$5,500.00	100.00%	0.00%	\$5,500.00
3	1 Each	Construction Entrance	\$3,500.00	\$3,500.00	1	0	\$3,500.00
4	1,230 L.F.	18" Silt Fence	\$1.75	\$2,152.50	1230	0	\$2,152.50
5	1,169 L.F.	30" Silt Fence	\$2.50	\$2,922.50	1169	0	\$2,922.50
6	1,882 L.F.	Super Silt Fence	\$7.00	\$13,174.00	1882	0	\$13,174.00
7	5,560 L.F.	Tree Protection Fence	\$2.45	\$13,622.00	5560	0	\$13,622.00
8	150 L.F.	Baffles	\$25.00	\$3,750.00	150	0	\$3,750.00
9	Lump Sum	Temporary Seeding	\$1,000.00	\$1,000.00	100.00%	0.00%	\$1,000.00
10	150 L.F.	Curlex Blanket	\$2.00	\$300.00	150	0	\$300.00
11	11,711 S.Y.	NAG S75	\$1.50	\$17,566.50	11711	0	\$17,566.50
12	Lump Sum	Temp. Sediment Trap #3	\$6,500.00	\$6,500.00	100.00%	0.00%	\$6,500.00
13	Lump Sum	Temporary Sediment Trap #4	\$8,000.00	\$8,000.00	100.00%	0.00%	\$8,000.00
14	4,213 C.Y.	Strip Topsoil	\$2.00	\$8,426.00	4213	0	\$8,426.00
15	190,022 S.F.	Rough Grading	\$0.05	\$9,501.10	190022	0	\$9,501.10
16	18,013 C.Y.	Cut to Fill & Spoils	\$2.10	\$37,827.30	18013	0	\$37,827.30
17	1,301 L.F.	15" RCCP	\$30.00	\$39,030.00	1301	0	\$39,030.00
18	644 I.F.	18" RCCP	\$32.00	\$20,608.00	644	0	\$20,608.00
19	250 L.F.	21" RCCP	\$32.00	\$8,000.00	250	0	\$8,000.00
20	304 L.F.	24" RCCP	\$36.00	\$10,944.00	304	0	\$10,944.00
21	17 Each	Type "C" Inlet	\$1,700.00	\$28,900.00	17	0	\$28,900.00
22	1 Each	Twin Type "C" Inlet	\$3,200.00	\$3,200.00	1	0	\$3,200.00
23	3 Each	Type "M" Inlet	\$1,700.00	\$5,100.00	3	0	\$5,100.00
24	6 Each	Storm Manhole	\$2,500.00	\$15,000.00	6	0	\$15,000.00
Detention Basin #1							
25	Lump Sum	Earthwork	\$6,000.00	\$6,000.00	100.00%	0.00%	\$6,000.00
26	1 Each	2" Skimmer	\$2,000.00	\$2,000.00	1	0	\$2,000.00
27	1 Each	2'x4' Inlet Riser	\$4,000.00	\$4,000.00	1	0	\$4,000.00
28	31 I.F.	15" RCCP Outlet Pipe	\$30.00	\$930.00	31	0	\$930.00
29	1 Each	Antiseep Collar	\$1,700.00	\$1,700.00	1	0	\$1,700.00
30	1 Each	Flared End Section	\$1,000.00	\$1,000.00	1	0	\$1,000.00
31	12 Tons	R-4 Rip-Rap Plunge Pool	\$20.00	\$240.00	12	0	\$240.00
32	15 I.F.	Concrete Curb Level Spreader	\$11.00	\$165.00	11	0	\$165.00
Detention Basin #2							
33	Lump Sum	Earthwork	\$10,000.00	\$10,000.00	100.00%	0.00%	\$10,000.00
Sheet Sub-Total				\$306,558.90			\$306,558.90

Certificate No. 12 Public Improvements Cowan Estates Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
34	1 Each	3" Skimmer	\$2,000.00	\$2,000.00	1	0	\$2,000.00
35	1 Each	2'x4' Inlet Riser	\$4,000.00	\$4,000.00	1	0	\$4,000.00
36	40 L.F.	21" RCCP Outlet Pipe	\$32.00	\$1,280.00	40	0	\$1,280.00
37	1 Each	Endwall	\$1,000.00	\$1,000.00	1	0	\$1,000.00
38	2 Each	Antiseep Collar	\$1,700.00	\$3,400.00	2	0	\$3,400.00
39	1 Each	Type "M" Inlet	\$1,700.00	\$1,700.00	1	0	\$1,700.00
40	60 L.F.	Concrete Curb Level Spreader	\$11.00	\$660.00	60	0	\$660.00
41	2 Each	24" Perforated End Caps	\$50.00	\$100.00	2	0	\$100.00
42	80 S.Y.	Geotextile	\$2.00	\$160.00	80	0	\$160.00
43	75 Tons	AASHTO #57 Stone	\$50.00	\$3,750.00	75	0	\$3,750.00
44	150 L.F.	SSF Baffle 4'	\$25.00	\$3,750.00	150	0	\$3,750.00
45	290 L.F.	Temp. Slope Pipe (21" ADS)	\$42.00	\$12,180.00	290	0	\$12,180.00
46	1 Each	Flared End Section	\$1,000.00	\$1,000.00	1	0	\$1,000.00
47	25 Tons	R-4 Rip-Rap Plunge Pool	\$20.00	\$500.00	25	0	\$500.00
Seepage Bed #1							
48	130 L.F.	8" Perforated ADS	\$25.00	\$3,250.00	130	0	\$3,250.00
49	6 Each	8" End Caps	\$100.00	\$600.00	6	0	\$600.00
50	1 Each	Yard Drain	\$750.00	\$750.00	1	0	\$750.00
51	270 Tons	AASHTO #1 Stone	\$50.00	\$13,500.00	270	0	\$13,500.00
52	400 S.Y.	Geotextile	\$2.00	\$800.00	400	0	\$800.00
53	1,620 S.Y.	Grade Topsoil	\$2.50	\$4,050.00	1620	0	\$4,050.00
54	1,620 S.Y.	Rake and Seed	\$0.70	\$1,134.00	1620	0	\$1,134.00
Conversion of Sediment Trap #1							
55	450 C.Y.	Desilt	\$20.00	\$9,000.00	0	450	\$0.00
56	550 C.Y.	Fill	\$1.00	\$550.00	0	550	\$0.00
57	130 L.F.	8" Perforated ADS	\$25.00	\$3,250.00	0	130	\$0.00
58	550 C.Y.	Borrow From OnSite Stockpile	\$5.00	\$2,750.00	0	550	\$0.00
59	6 Each	8" End Caps	\$100.00	\$600.00	0	6	\$0.00
60	1 Each	Type "M" Inlet	\$1,700.00	\$1,700.00	0	1	\$0.00
61	160 Tons	AASHTO #1 Stone	\$50.00	\$8,000.00	0	160	\$0.00
62	400 S.Y.	Geotextile	\$2.00	\$800.00	0	400	\$0.00
63	1,620 S.Y.	Grade Topsoil	\$2.50	\$4,050.00	0	1620	\$0.00
64	1,620 S.Y.	Rake and Seed	\$0.70	\$1,134.00	0	1620	\$0.00
Sheet Sub-Total				\$91,398.00			\$59,564.00

Certificate No. 12 Public Improvements Cowan Estates Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
Conversion of Sediment Basin #2							
65	450 C.Y.	Desilt	\$20.00	\$9,000.00	450	0	\$9,000.00
66	244 L.F.	8" Perforated ADS	\$25.00	\$6,100.00	244	0	\$6,100.00
67	6 Each	8" End Caps	\$100.00	\$600.00	6	0	\$600.00
68	1 Each	Type "M" Inlet	\$1,700.00	\$1,700.00	1	0	\$1,700.00
69	840 Tons	AASHTO #1 Stone	\$50.00	\$42,000.00	840	0	\$42,000.00
70	1,880 S.Y.	Geotextile	\$2.00	\$3,760.00	1880	0	\$3,760.00
71	2,380 S.Y.	Grade Topsoil	\$2.50	\$5,950.00	2380	0	\$5,950.00
72	2,380 S.Y.	Rake and Seed	\$0.70	\$1,666.00	2380	0	\$1,666.00
73	1,902 L.F.	8" SDR-35 Pipe	\$26.00	\$49,452.00	1902	0	\$49,452.00
74	330 L.F.	6" SDR-35 Pipe	\$24.00	\$7,920.00	330	0	\$7,920.00
75	18 Each	Sanitary Manholes	\$2,000.00	\$36,000.00	18	0	\$36,000.00
76	3,940 L.F.	Dig and Backfill for Curb	\$2.10	\$8,274.00	3940	0	\$8,274.00
77	120 L.F.	7"x8"x18" Concrete Curb	\$11.00	\$1,320.00	120	0	\$1,320.00
78	220 L.F.	Mountable Concrete Curb	\$9.00	\$1,980.00	220	0	\$1,980.00
79	3820 L.F.	Belgian Block Curb	\$11.50	\$43,930.00	3820	0	\$43,930.00
80	6,910 S.Y.	Fine Grading for Paving	\$0.20	\$1,382.00	6910	0	\$1,382.00
81	6,910 S.Y.	6" 3A Modified	\$7.35	\$50,788.50	6910	0	\$50,788.50
82	6,910 S.Y.	4" ID-2 Binder Course	\$11.00	\$76,010.00	6910	0	\$76,010.00
83	6,910 S.Y.	Clean & Tack	\$0.50	\$3,455.00	0	6910	\$0.00
84	6,910 S.Y.	1.5" ID-2 Wearing Course	\$6.50	\$44,915.00	0	6910	\$0.00
85	3,940 S.F.	Concrete Sidewalks	\$2.75	\$10,835.00	3940	0	\$10,835.00
86	Lump Sum	Streetlights	\$15,000.00	\$15,000.00	100.00%	0.00%	\$15,000.00
87	177 Each	Deciduous Trees	\$370.00	\$65,490.00	91	86	\$33,670.00
88	70 Each	Evergreen Trees	\$175.00	\$12,250.00	70	0	\$12,250.00
89	291 Each	Shrubs	\$60.00	\$17,460.00	291	0	\$17,460.00
90	550,000 S.F.	Permanent Seeding	\$0.06	\$33,000.00	550000	0	\$33,000.00
91	8 Each	Signs	\$250.00	\$2,000.00	8	0	\$2,000.00
92	Lump Sum	Pavement Markings	\$1,000.00	\$1,000.00	50.00%	50.00%	\$500.00
93	25 Each	Concrete Monuments	\$95.00	\$2,375.00	0	25	\$0.00
94	53 Each	Iron Lot Pins	\$75.00	\$3,975.00	53	0	\$3,975.00
95	Lump Sum	As Builts Plans	\$9,200.00	\$9,200.00	0.00%	100.00%	\$0.00
96	Lump Sum	10% Contingency	\$99,877.19	\$99,877.19	84.97%	15.03%	\$84,863.75
97	Lump Sum	5% Construction Inspection	\$48,429.22	\$48,429.22	39.06%	60.94%	\$18,918.73
Sheet Sub-Total				\$717,093.91			\$580,304.98

Certificate No. 11 Public Improvements Cowan Estates Subdivision

Sub-Total Sheet 1		\$306,558.90		\$306,558.90
Sub-Total Sheet 2		\$91,398.00		\$59,564.00
Sub-Total Sheet 3		\$717,093.91		\$580,304.98
Total Amount of Work Completed		\$1,115,050.81		\$946,427.88

TOTAL AMOUNT OF ESCROW	\$1,115,050.81
AMOUNT OF REMAINING WORK	<u>\$168,822.93</u>
AMOUNT OF WORK COMPLETED	<u>\$946,427.88</u>
LESS RETAINAGE	\$23,187.73
LESS CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, & #11	\$917,239.03
AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	\$6,001.12

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer (3/5/13)

METER MANHOLE, INFLUENT METER, & ADJUSTMENT OF MANHOLES

**Sadsbury Township, Chester County, PA
 Veteran Construction & Utility Services, Inc.
 12 Union Street, Coatesville, PA 19320**

RELEASE REQUEST: # 1
 DATE: 10/2/2015

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
1	Maintenance & Protection of Traffic	L.S.	1	\$514.48	\$514.48	100%	0%	\$514.48	\$0.00
2	Bypass Pumping	Days	5	\$533.00	\$2,665.00	100%	0%	\$2,665.00	\$0.00
3	Sigma 950 Open Channel Flow Meter	EA.	1	\$16,196.91	\$16,196.91	100%	0%	\$16,196.91	\$0.00
4	Raise Existing Manholes	EA.	7	\$526.07	\$3,682.49	100%	0%	\$3,682.49	\$0.00
5	Neenah R1423-BNB Frame with Bolted Lid	EA.	9	\$738.14	\$6,643.26	100%	0%	\$6,643.26	\$0.00
A-1	6' Dia Pre-Cast Conc Manhole	EA.	1	\$52,221.64	\$52,221.64	100%	0%	\$52,221.64	\$0.00
Subtotal - Original Bid					\$81,923.78	100.00%	0.00%	\$81,923.78	\$0.00
TOTAL					\$81,923.78				\$0.00
TOTAL AMOUNT OF WORK COMPLETED								\$81,923.78	
LESS RETAINAGE- 10%								\$8,192.38	
LESS PREVIOUS CERTIFICATES								\$0.00	
TOTAL AMOUNT APPROVED THIS CERTIFICATE - FINAL								\$73,731.40	

**Payable To:
 Veteran Construction & Utility Services, Inc.
 12 Union Street
 Coatesville, PA 19320**

James W. MacCombie, P.E., P.L.S.
 Sadsbury Township Engineer

Date:

APPENDIX C

COST ESTIMATES FOR SEWERS NOT YET DEDICATED

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

JANUARY 30, 2017

**ACCOUNT 361 – COLLECTION MAINS & ACCESSORIES - GRAVITY
SEWERS NOT YET DEDICATED**

ORIGINAL COST AS OF DECEMBER 31, 2016

BELLAIRE BUSINESS CENTER – PHASE 1A & 1B

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC 0-6 FT DEEP	2008	L.F.	1,516	\$23,184.00
8" SDR-35 PVC 6-8 FT DEEP	2008	L.F.	2,785	\$43,350.00
8" SDR-35 PVC 8-10 FT DEEP	2008	L.F.	1,450	\$23,200.00
8" SDR-35 PVC 10-12 FT DEEP	2008	L.F.	38	\$774.00
8" SDR-35 PVC 12-14 FT DEEP	2008	L.F.	281	\$5,016.00
8" SDR-35 PVC 14-16 FT DEEP	2008	L.F.	882	\$17,332.00
8" DUCTILE IRON PIPE	2008	L.F.	22	\$774.00
CONCRETE MANHOLE W/ FRAME & COVER	2008	EA.	34	\$66,002.00
8" DIP W/STEEL CASING BORE & JACK	2008	L.F.	133	\$62,544.00
8" SDR-35 PVC @ WETLANDS	2008	L.F.	65	\$3,192.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY NOT YET DEDICATED BELLAIRE BUSINESS CENTER				\$245,368.00

ACCOUNT 363 – SERVICES – NOT YET DEDICATED

ORIGINAL COST AS OF DECEMBER 31, 2016

BELLAIRE BUSINESS CENTER – PHASE 1A & 1B

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2008	EA.	201	\$10,270.00
TOTAL COST ACCOUNT 363 - SERVICES NOT YET DEDICATED BELLAIRE BUSINESS CENTER				\$10,270.00

**ACCOUNT 361 – COLLECTION MAINS & ACCESSORIES - GRAVITY
SEWERS NOT YET DEDICATED**

ORIGINAL COST AS OF DECEMBER 31, 2016

MEETINGHOUSE PROPERTIES, LLC (MORRIS FARM)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC	2009	L.F.	2,037	\$69,090.00
CONCRETE MANHOLE W/ FRAME & COVER	2009	EA.	12	\$30,815.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY NOT YET DEDICATED MORRIS FARM				\$99,905.00

ACCOUNT 363 – SERVICES – NOT YET DEDICATED

ORIGINAL COST AS OF DECEMBER 31, 2016

MEETINGHOUSE PROPERTIES, LLC (MORRIS FARM)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2009	L.F.	210	\$4,169.00
TOTAL COST ACCOUNT 363 - SERVICES NOT YET DEDICATED BELLAIRE BUSINESS CENTER				\$4,169.00

**ACCOUNT 361 – COLLECTION MAINS & ACCESSORIES - GRAVITY
SEWERS NOT YET DEDICATED**

ORIGINAL COST AS OF DECEMBER 31, 2016

SADBURY PARK

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
PHASE 4C				
8" SDR-35 PVC	2013	L.F.	1,247	\$25,227.00
CONCRETE MANHOLE W/ FRAME & COVER	2013	EA.	7	\$17,960.00
PHASE 2A				
8" SDR-35 PVC	2015	L.F.	3,801	\$95,025.00
8" DIP	2015	L.F.	538	\$34,970.00
CONCRETE MANHOLE W/ FRAME & COVER	2015	EA.	31	\$66,092.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY NOT YET DEDICATED SADBURY PARK				\$239,274.00

ACCOUNT 363 – SERVICES – NOT YET DEDICATED

ORIGINAL COST AS OF DECEMBER 31, 2016

SADBURY PARK

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2015	EA.	64	\$31,636.00
6" DIP LATERAL	2015	EA.	7	\$8,134.00
TOTAL COST ACCOUNT 363 - SERVICES NOT YET DEDICATED BELLAIRE BUSINESS CENTER				\$39,770.00

Certificate No.11 Public Improvements Release Bellaire Business Center Phase 1A and 1B

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Layout	\$44,145.00	\$44,145.00	100%	0%	\$44,145.00
2	Lump Sum	Clear & Grubb	\$15,000.00	\$15,000.00	100%	0%	\$15,000.00
3	3 Each	Construction Entrance	\$2,900.00	\$8,700.00	3	0	\$8,700.00
4	6050 L.F.	30" Silt Barrier Fence	\$1.75	\$10,587.50	6050	0	\$10,587.50
5	1450 L.F.	Super Silt Fence	\$5.05	\$7,322.50	1450	0	\$7,322.50
6	43 Each	Inlet Protection	\$145.70	\$6,265.10	43	0	\$6,265.00
7	120,000 S.F.	Stockpile Stabilization	\$0.03	\$3,600.00	120000	0	\$3,600.00
8	272,000 S.F.	Excelsior Curlex	\$0.11	\$29,920.00	272000	0	\$29,920.00
9	6,670 C.Y.	Strip Topsoil	\$1.85	\$12,339.50	6670	0	\$12,339.50
10	30,105 C.Y.	Cut	\$2.05	\$61,715.25	30105	0	\$61,715.25
11	6,670 C.Y.	Respread Topsoil	\$2.15	\$14,340.50	6670	0	\$14,340.50
Sediment Basin "A"							
12	16 Tons	Level Spreader	\$20.55	\$328.80	16	0	\$328.80
13	38 Tons	R-4 Rip-Rap	\$19.90	\$756.20	38	0	\$756.20
14	1 Each	DW Endwall	\$999.00	\$999.00	1	0	\$999.00
15	91 L.F.	18" RCCP	\$25.75	\$2,343.25	91	0	\$2,343.25
16	2 Each	Anti-Seep Collar	\$642.70	\$1,285.40	2	0	\$1,285.40
17	1 Each	Type "M" Outlet Structure	\$2,929.30	\$2,929.30	1	0	\$2,929.30
18	1 Each	5" Skimmer	\$1,699.90	\$1,699.90	1	0	\$1,699.90
19	180 Tons	R-4 Spillway	\$25.70	\$4,626.00	180	0	\$4,626.00
20	500 L.F.	Baffle Wall	\$22.35	\$11,175.00	500	0	\$11,175.00
21	146,000 S.F.	Rake, Seed, & Mulch	\$0.03	\$4,380.00	146000	0	\$4,380.00
Sediment Basin "D"							
22	38 tons	R-4 Rip-Rap	\$19.90	\$756.20	38	0	\$756.20
23	1 Each	DW Endwall	\$1,987.50	\$1,987.50	1	0	\$1,987.50
24	120 L.F.	30" RCCP	\$37.80	\$4,536.00	120	0	\$4,536.00
25	2 Each	Anti-Seep Collar	\$891.75	\$1,783.50	2	0	\$1,783.50
26	1 Each	Type "M" Outlet Structure	\$2,929.30	\$2,929.30	1	0	\$2,929.30
27	1 Each	5" Skimmer	\$1,699.90	\$1,699.90	1	0	\$1,699.90
28	270 Tons	R-4 Spillway	\$25.55	\$6,898.50	270	0	\$6,898.50
29	445 L.F.	Baffle Wall	\$26.70	\$11,881.50	445	0	\$11,881.50
30	140,000 S.F.	Rake, Seed, & Mulch	\$0.03	\$4,200.00	140000	0	\$4,200.00
Sediment Trap "A"							
31	1 Each	Rock Berm	\$1,042.90	\$1,042.90	1	0	\$1,042.90
32	15,000 S.F.	Rake, Seed, & Mulch	\$0.03	\$450.00	15000	0	\$450.00
Sheet Sub-Total				\$282,623.50			\$282,623.40

Certificate No.11 Public Improvements Release Bellaire Business Center Phase 1A and 1B

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
33	15,210 C.Y.	Strip Topsoil	\$1.54	\$23,423.40	15210	0	\$23,423.40
34	38,530 C.Y.	Cut	\$1.68	\$64,730.40	38530	0	\$64,730.40
35	7,735 C.Y.	Respread Topsoil	\$2.15	\$16,630.25	7735	0	\$16,630.25
36	510,000 S.F.	Site Stabilization	\$0.03	\$15,300.00	510000	0	\$15,300.00
37	140 L.F.	Saw Cut Roadway	\$2.15	\$301.00	140	0	\$301.00
38	2 Each	Tie into Existing Manhole	\$1,377.90	\$2,755.80	2	0	\$2,755.80
39	1,083 L.F.	8" SDR-35 PVC 0' to 6'	\$15.35	\$16,624.05	1083	0	\$16,624.05
40	2,305 L.F.	8" SDR-35 PVC 6' to 8'	\$15.60	\$35,958.00	2305	0	\$35,958.00
41	1,450 L.F.	8" SDR-35 PVC 8' to 10'	\$16.00	\$23,200.00	1450	0	\$23,200.00
42	38 L.F.	8" SDR-35 PVC 10' to 12'	\$20.35	\$773.30	38	0	\$773.30
43	281 L.F.	8" SDR-35 PVC 12' to 14'	\$17.85	\$5,015.85	281	0	\$5,015.85
44	882 L.F.	8" SDR-35 PVC 14' to 16'	\$19.65	\$17,331.30	882	0	\$17,331.30
45	22 L.F.	8" Ductile Iron Pipe	\$35.15	\$773.30	22	0	\$773.30
46	13 Each	6" SDR-35 PVC Laterals	\$790.00	\$10,270.00	13	0	\$10,270.00
47	24 Each	Sanitary Manholes	\$1,506.70	\$36,160.80	24	0	\$36,160.80
48	5 Each	Sanitary Drop Manholes	\$3,558.10	\$17,790.50	5	0	\$17,790.50
49	Lump Sum	Testing	\$3,138.90	\$3,138.90	100%	0%	\$3,138.90
50	56 S.Y.	4" Binder Patch Pave	\$9.10	\$509.60	56	0	\$509.60
51	Lump Sum	Locate & Verify Elevations	\$2,647.00	\$2,647.00	100%	0%	\$2,647.00
52	133 L.F.	8" Class 52 DIP	\$60.25	\$8,013.25	133	0	\$8,013.25
53	133 L.F.	Boring	\$410.00	\$54,530.00	133	0	\$54,530.00
54	Lump Sum	Testing	\$764.00	\$764.00	100%	0%	\$764.00
55	433 L.F.	8" SDR-35 PVC 0' to 6'	\$15.15	\$6,559.95	433	0	\$6,559.95
56	480 L.F.	8" SDR-35 PVC 6' to 8'	\$15.40	\$7,392.00	480	0	\$7,392.00
57	65 L.F.	8" SDR-35 PVC Wetlands	\$49.10	\$3,191.50	65	0	\$3,191.50
58	5 Each	Sanitary Manholes	\$1,391.90	\$6,959.50	5	0	\$6,959.50
59	Lump Sum	Testing	\$1,569.15	\$1,569.15	100%	0%	\$1,569.15
60	50,000 S.F.	Stabilization	\$0.03	\$1,500.00	50000	0	\$1,500.00
61	150 L.F.	Sawcut Roadway	\$2.15	\$322.50	150	0	\$322.50
62	270 L.F.	15" RCCP 0' to 8'	\$23.05	\$6,223.50	270	0	\$6,223.50
63	795 L.F.	18" RCCP 0' to 6'	\$25.25	\$20,073.75	795	0	\$20,073.75
64	221 L.F.	21" RCCP 0' to 8'	\$28.10	\$6,210.10	221	0	\$6,210.10
65	150 L.F.	24" RCCP 0' to 6'	\$31.65	\$4,747.50	150	0	\$4,747.50
66	590 L.F.	30" RCCP 0' to 6'	\$38.30	\$22,597.00	590	0	\$22,597.00
Sheet Sub-Total				\$443,987.15			\$443,987.15

Certificate No.11 Public Improvements Release Bellaire Business Center Phase 1A and 1B

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
67	470 L.F.	36" RCCP 0' to 8'	\$59.30	\$27,871.00	470	0	\$27,871.00
68	1,125 L.F.	42" RCCP 0' to 6'	\$68.60	\$77,175.00	1125	0	\$77,175.00
69	521 L.F.	42" RCCP 6' to 10'	\$73.50	\$38,293.50	521	0	\$38,293.50
70	281 L.F.	42" RCCP 10' +	\$77.55	\$21,791.55	281	0	\$21,791.55
71	110 L.F.	48" RCCP 0' to 6'	\$91.70	\$10,087.00	110	0	\$10,087.00
72	395 L.F.	48" RCCP 6' to 8'	\$82.15	\$32,449.25	395	0	\$32,449.25
73	320 L.F.	48" RCCP 14' to 16'	\$119.00	\$38,080.00	320	0	\$38,080.00
74	36	Type "C" Inlet	\$1,635.40	\$58,874.40	36	0	\$58,874.40
75	4 Each	Type "M" Inlet	\$1,222.05	\$4,888.20	4	0	\$4,888.20
76	6 Each	Storm Manholes	\$2,421.50	\$14,529.00	6	0	\$14,529.00
77	4 Each	DW Endwall	\$2,031.25	\$8,125.00	4	0	\$8,125.00
78	27 Tons	R-4 Rip-Rap	\$19.80	\$534.60	27	0	\$534.60
79	300 Tons	R-5 & 6 Rip-Rap	\$23.10	\$6,930.00	300	0	\$6,930.00
80	400 Tons	R-8 Rip-Rap	\$22.80	\$9,120.00	400	0	\$9,120.00
81	75 S.Y.	4" Binder Patch Pave	\$8.75	\$656.25	75	0	\$656.25
82	Lump Sum	Stream Bypass	\$2,588.50	\$2,588.50	100%	0%	\$2,588.50
83	50 L.F.	2' x 10' Box Culvert	\$1,238.95	\$61,947.50	50	0	\$61,947.50
84	208 Tons	R-7 Rip-Rap	\$22.70	\$4,721.60	208	0	\$4,721.60
Water Line							
85	1 Each	16" x 3" tap fee and wet tap	\$6,206.45	\$6,206.45	1	0	\$6,206.45
86	1,800 L.F.	8" Ductile Iron Pipe	\$19.40	\$34,920.00	1800	0	\$34,920.00
87	5 Each	8" Bends	\$168.80	\$844.00	5	0	\$844.00
88	3 Each	16" x 6" tap fee and wet tap	\$6,206.45	\$18,619.35	3	0	\$18,619.35
89	3 Each	8" x 6" Hydrant Tee	\$224.45	\$673.35	3	0	\$673.35
90	1 Each	8" x 6" Bell Reducer	\$225.50	\$225.50	1	0	\$225.50
91	4 Each	6" Gate Valve	\$397.30	\$1,589.20	4	0	\$1,589.20
92	7 Each	Fire Hydrants	\$1,514.80	\$10,603.60	7	0	\$10,603.60
93	15 Each	Thrust Blocks	\$95.00	\$1,425.00	15	0	\$1,425.00
94	Lump Sum	Testing	\$1,566.05	\$1,566.05	100%	0%	\$1,566.05
95	9,555 L.F.	7"x8"x18" Concrete Curb	\$8.08	\$77,204.40	9555	0	\$77,204.40
96	21,895 S.Y.	Fine Grade Paving	\$0.73	\$15,983.35	21895	0	\$15,983.35
97	21,895 S.Y.	6" 3A Modified Subbase	\$3.65	\$79,916.75	21895	0	\$79,916.75
98	21,895 S.Y.	4" B.C.B.C.	\$7.72	\$169,029.40	21895	0	\$169,029.40
99	7,105 S.Y.	Mill existing AIM BLVD	\$1.35	\$9,591.75	7105	0	\$9,591.75
Sheet Sub-Total				\$847,060.50			\$847,060.50

Certificate No.11 Public Improvements Release Bellaire Business Center Phase 1A and 1B

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
100	33,300 S.Y.	1.5 ID-2 Wearing Course	\$3.66	\$121,878.00	33300	0	\$121,878.00
101	33,300 S.Y.	Sweep and Tack	\$0.21	\$6,993.00	33300	0	\$6,993.00
102	11,580 L.F.	Joint Sealing	\$0.17	\$1,968.60	11580	0	\$1,968.60
Emergency Access Paving							
103	260 S.Y.	Fine Grade Paving	\$1.45	\$377.00	260	0	\$377.00
104	260 S.Y.	10" 3A Mod. Subbase	\$6.66	\$1,731.60	260	0	\$1,731.60
105	260 S.Y.	2.5" ID-2 Binder	\$6.04	\$1,570.40	260	0	\$1,570.40
106	235 S.Y.	2" ID-2 Wearing Crse.	\$5.56	\$1,306.60	0	235	\$0.00
107	Lump Sum	24' Emergency Gate	\$3,745.30	\$3,745.30	100%	0%	\$3,745.30
Landscaping							
108	53 Each	Koelerutaria Panniculata	\$190.00	\$10,070.00	0	53	\$0.00
109	33 Each	Prunus Semulata	\$190.00	\$6,270.00	0	33	\$0.00
110	38 Each	Prunus X Yedoensis	\$190.00	\$7,220.00	0	38	\$0.00
111	53 Each	Ilex Crunala	\$39.00	\$2,067.00	0	53	\$0.00
112	30 Each	Ilex Glabra	\$28.00	\$840.00	0	30	\$0.00
113	45 Each	Juniperus Chinensis	\$26.00	\$1,260.00	0	45	\$0.00
114	35 Each	Taxus X Media	\$34.00	\$1,190.00	0	35	\$0.00
115	68 Each	Viburnum Rhytidophyllum	\$38.00	\$2,584.00	0	68	\$0.00
Lighting							
116	3 Each	Light Poles	\$5,000.00	\$15,000.00	3	0	\$15,000.00
Miscellaneous							
117	4 Each	Stop Signs	\$150.00	\$600.00	4	0	\$600.00
118	4 Each	Speed Limit Sign	\$150.00	\$600.00	3	1	\$450.00
119	11,580 L.F.	Line Striping	\$0.30	\$3,474.00	0	11580	\$0.00
120	4 Each	Stop Bars	\$200.00	\$800.00	0	4	\$0.00
121	14 Each	Monuments	\$125.00	\$1,750.00	3	11	\$375.00
122	68 Each	Property Corners	\$70.00	\$4,760.00	6	62	\$420.00
123	Lump Sum	As Built Plans	\$5,000.00	\$5,000.00	0%	100%	\$0.00
	Lump Sum	10% Contingency	\$186,556.35	\$186,556.35	19.91%	80.09%	\$37,139.50
Sheet Sub-Total				\$389,611.25			\$192,248.40


Certificate No.11 Public Improvements Release Bellaire Business Center Phase 1A and 1B

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
Sub-Total Sheet 1							\$282,623.40
Sub-Total Sheet 2							\$443,987.15
Sub-Total Sheet 3							\$847,060.50
Sub-Total Sheet 4							\$192,248.40
TOTAL AMOUNT OF WORK COMPLETED							\$1,765,919.45

TOTAL AMOUNT OF LETTER OF CREDIT	\$1,963,283.00
AMOUNT OF REMAINING WORK	\$197,363.55
AMOUNT OF WORK COMPLETED	\$1,765,919.45

LESS CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, & #10	\$1,621,592.80
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AMOUNT APPROVED FOR REDUCTION THIS CERTIFICATE	\$144,326.65
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 James W. MacCombie, P.E., P.L.S.
 Sadsbury Township Engineer
 (1/5/08)



Certificate No. 11 and Final Public Improvements Release Meetinghouse Properties, LLC.

\$46,054.50

SANITARY SEWER

Clear Offsite Sewer Right of Way	1	LS	\$10,000.00	LS	\$10,000.00	\$10,000.00	\$10,000.00
Saw Cut Paving	188	LF	\$31.25	LF	\$5,875.00	\$5,875.00	\$5,875.00
Tie into Existing Manhole	1	EA	\$3,065.00	EA	\$3,065.00	\$3,065.00	\$3,065.00
4' Dia. Manhole	10	EA	\$2,125.00	EA	\$21,250.00	\$21,250.00	\$21,250.00
4' Dia. Drop Manhole	2	EA	\$3,250.00	EA	\$6,500.00	\$6,500.00	\$6,500.00
8" SDR 35	2,037	LF	\$21.35	LF	\$43,489.95	\$43,489.95	\$43,489.95
6" SDR 35 Laterals	210	LF	\$19.85	LF	\$4,168.50	\$4,168.50	\$4,168.50
Test	1	LS	\$2,125.00	LS	\$2,125.00	\$2,125.00	\$2,125.00

\$96,473.45

SEWER PAVEMENT RESTORATION

6" BCBC	35	SY	\$12.60	SY	\$441.00	\$441.00	\$441.00
2" ID-2 Binder	35	SY	\$6.45	SY	\$225.75	\$225.75	\$225.75
1.5" ID-2 Wearing	35	SY	\$5.35	SY	\$187.25	\$187.25	\$187.25
Tack	70	SY	\$0.40	SY	\$28.00	\$28.00	\$28.00
Seal Joint	180	LF	\$0.25	LF	\$45.00	\$45.00	\$45.00
Rake, Seed, and Mulch R.O.W.	20,000	SF	\$0.04	SF	\$800.00	\$800.00	\$800.00
Traffic Control	1	LS	\$5,873.00	LS	\$5,873.00	\$5,873.00	\$5,873.00

\$7,600.00

WATER SERVICE

Saw Cut Paving	100	LF	\$3.35	LF	\$335.00	\$335.00	\$335.00
12" DIP	1,500	LF	\$27.80	LF	\$41,700.00	\$41,700.00	\$41,700.00
16"x12" Tapping Sleeve, Valve and Wet Tap	1	EA	\$6,000.00	EA	\$6,000.00	\$6,000.00	\$6,000.00
12" Fittings	10	EA	\$435.00	EA	\$4,350.00	\$4,350.00	\$4,350.00
12" GV & VB	3	EA	\$1,785.00	EA	\$5,355.00	\$5,355.00	\$5,355.00
6" GV & VB	3	EA	\$575.00	EA	\$1,725.00	\$1,725.00	\$1,725.00
6" DIP Service	6	EA	\$1,369.00	EA	\$8,214.00	\$8,214.00	\$8,214.00
6" DIP Service Extension	6	EA	\$335.00	EA	\$2,010.00	\$2,010.00	\$2,010.00
Fire Hydrants	2	EA	\$2,400.00	EA	\$4,800.00	\$4,800.00	\$4,800.00
Thrust Blocks	23	EA	\$100.00	EA	\$2,300.00	\$2,300.00	\$2,300.00
Test	1	EA	\$3,000.00	EA	\$3,000.00	\$3,000.00	\$3,000.00
Road Crossing	1	EA	\$10,100.00	EA	\$10,100.00	\$10,100.00	\$10,100.00

Certificate No. 11 and Final Public Improvements Release Meetinghouse Properties, LLC.

Stone Backfill (2A)	170 TN	\$15.00 TN	\$2,550.00		\$2,550.00	\$2,550.00
Spoils Onsite	30 CY		\$0.00		\$0.00	\$0.00
Temp Patch	23 SY	\$36.00 SY	\$828.00		\$828.00	\$828.00
Perm Patch	34 SY	\$69.00 SY	\$2,346.00		\$2,346.00	\$2,346.00
Traffic Control	1 EA	\$6,600.00 EA	\$6,600.00		\$6,600.00	\$6,600.00
Locate Utilities	1 EA	\$1,550.00 EA	\$1,550.00		\$1,550.00	\$1,550.00
				\$103,763.00		
CURBING						
=====						
18-inch Vertical Curb	3,175 LF	\$8.45 LF	\$26,828.75		\$26,828.75	\$26,828.75
Seal	3,175 LF	\$0.25 LF	\$793.75		\$793.75	\$793.75
				\$27,622.50		
STREET PAVING						
=====						
Fine Grade Paving	7,410 SY	\$0.70 SY	\$5,187.00		\$5,187.00	\$5,187.00
6" 3A Modified Subbase	6,863 SY	\$4.15 SY	\$28,481.45		\$28,481.45	\$28,481.45
4" BCBC	6,863 SY	\$7.95 SY	\$54,560.85		\$54,560.85	\$54,560.85
1.5" ID-2 Wearing	6,863 SY	\$3.85 SY	\$26,422.55		\$26,422.55	\$26,422.55
Clean & Tack	6,863 SY	\$0.40 SY	\$2,745.20		\$2,745.20	\$2,745.20
				\$117,397.05		
PENN DOT						
=====						
6" 2A Mod	SY	\$6.00 SY	\$0.00		\$0.00	\$0.00
6" BCBC Super Pave	SY	\$12.60 SY	\$0.00		\$0.00	\$0.00
2" Binder Super Pave	SY	\$5.25 SY	\$0.00		\$0.00	\$0.00
Clean & Tack	SY	\$0.40 SY	\$0.00		\$0.00	\$0.00
1.5" Mill & Overlay Wearing Super Pave	SY	\$6.75 SY	\$0.00		\$0.00	\$0.00
Traffic Control	EA	\$5,500.00 EA	\$0.00		\$0.00	\$0.00
				\$0.00		
LANDSCAPING						
=====						
Red Sunset Maples	24 EA	\$200.00 EA	\$4,800.00		\$4,800.00	\$4,800.00
Sugar Maple	24 EA	\$200.00 EA	\$4,800.00		\$4,800.00	\$4,800.00
White Ash	17 EA	\$200.00 EA	\$3,400.00		\$3,400.00	\$3,400.00
Concolor Fir	17 EA	\$150.00 EA	\$2,550.00		\$2,550.00	\$2,550.00

Certificate No. 11 and Final Public Improvements Release Meetinghouse Properties, LLC.

Norway Spruce	18 EA	\$150.00 EA	\$2,700.00		\$2,700.00	\$2,700.00
Shademaster Locust	25 EA	\$200.00 EA	\$5,000.00		\$5,000.00	\$5,000.00
White Pine	12 EA	\$150.00 EA	\$1,800.00		\$1,800.00	\$1,800.00
Red Oak	27 EA	\$200.00 EA	\$5,400.00		\$5,400.00	\$5,400.00
Redosier Dogwood	18 EA	\$200.00 EA	\$3,600.00		\$3,600.00	\$3,600.00
White Spruce	6 EA	\$150.00 EA	\$900.00		\$900.00	\$900.00
Mulch	45 CY	\$40.00 CY	\$1,800.00		\$1,800.00	\$1,800.00
Tree Staking	188 EA	\$20.00 EA	\$3,760.00		\$3,760.00	\$3,760.00
				\$40,510.00		
SIDEWALKS						
=====						
Sidewalks	2,690 LF	\$12.00 LF	\$32,280.00		\$32,280.00	\$32,280.00
				\$32,280.00		
SITE LIGHTING						
=====						
Double Pole Fixtures-1000watt Metal Halide	2 EA	\$2,100.00 EA	\$4,200.00		\$4,200.00	\$4,200.00
Single Pole Fixtures-1000watt Metal Halide	5 EA	\$1,600.00 EA	\$8,000.00		\$8,000.00	\$8,000.00
Electrical Conduit & Trenching	1 LS	\$12,500.00 LS	\$12,500.00		\$12,500.00	\$12,500.00
				\$24,700.00		
STRIPING AND SIGNAGE						
=====						
Striping and Signage	1 LS	\$4,650.00 LS	\$4,650.00		\$4,650.00	\$4,650.00
				\$4,650.00		
MISCELLANEOUS						
=====						
Monuments	18 EA	\$90.00 EA	\$1,620.00		\$0.00	\$1,620.00
As-Built Drawings	1 EA	\$3,800.00 EA	\$3,800.00		\$0.00	\$3,800.00
				\$5,420.00		
SUBTOTAL				\$661,961.22		
TOWNSHIP ENGINEER REVIEW FEES (5%)						
=====						
Township Engineer Review Fees (5%)	1 LS	\$33,098.06 LS	\$33,098.06		\$14,166.35	\$33,098.06
				\$33,098.06		

Certificate No. 11 and Final Public Improvements Release Meetinghouse Properties, LLC.

CONTINGENCY (10%)

=====						
Contingency (10%)	1 LS	\$66,196.12	LS	\$66,196.12		
					\$64,541.22	\$66,196.12
				\$66,196.12		

=====						
	TOTALS			\$761,255.40	\$761,255.40	\$0.00
INTEREST						\$761,255.40 824.33

TOTAL AMOUNT OF ESCROW (Plus Account Interest)	\$762,079.73
AMOUNT OF REMAINING WORK	<u>\$0.00</u>
AMOUNT OF WORK COMPLETED	\$762,079.73
LESS RETAINAGE	\$0.00
LESS CERTIFICATE #1, #2, #3, #4, #5, # 6, #7, #8, #9, & #10	<u>\$718,028.38</u>
AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	\$44,051.35



 James W. MacCombie, P.E., P.L.S.
 Sadsbury Township Engineer
 (8/4/09)



Certificate No. 11 and Final Public Improvements Release Meetinghouse Properties, LLC.

Description	Quantity	Unit	Unit Cost	Unit	Total	Subtotals	Previous Release	Total Completed
LAYOUT								
Layout	1	LS	\$14,700.00	LS	\$14,700.00	\$14,700.00	\$14,170.00	\$14,700.00
EROSION & SOIL CONTROLS								
Construction Entrance	1	EA	\$1,943.00	EA	\$1,943.00		\$1,943.00	\$1,943.00
30" Silt Fence	1,550	LF	\$1.75	LF	\$2,712.50		\$2,712.50	\$2,712.50
Super Silt Fence	50	LF	\$5.00	LF	\$250.00		\$250.00	\$250.00
Inlet Protection	9	EA	\$140.00	EA	\$1,260.00		\$1,260.00	\$1,250.00
Topsoil Stockpile Stabilization	60,000	SF	\$0.03	SF	\$1,800.00		\$1,800.00	\$1,800.00
						\$7,965.50		
BASIN #5 EARTHWORK								
Strip Topsoil	1,410	CY	\$1.80	CY	\$2,538.00		\$2,538.00	\$2,538.00
Cut	4,020	CY	\$1.80	CY	\$7,236.00		\$7,236.00	\$7,236.00
Fill (Basin Berm)	795	CY		CY	\$0.00		\$0.00	\$0.00
Waste	3,225	CY		CY	\$0.00		\$0.00	\$0.00
Topsoil respread	705	CY	\$2.65	CY	\$1,868.25		\$1,868.25	\$1,868.25
Rake, Seed and Mulch Basin	40,000	SF	\$0.04	SF	\$1,600.00		\$1,600.00	\$1,600.00
Landiok 407 Slope Stabilization	18,500	SF	\$0.20	SF	\$3,700.00		\$3,700.00	\$3,700.00
						\$16,942.25		
BASIN #5 PIPING								
R-4 Rip Rap	23	TN	\$23.00	TN	\$529.00		\$529.00	\$529.00
DWEW	1	EA	\$1,469.00	EA	\$1,469.00		\$1,469.00	\$1,469.00
21" RCP	62	LF	\$26.75	LF	\$1,658.50		\$1,658.50	\$1,658.50
Antiseep Collars	2	EA	\$745.00	EA	\$1,490.00		\$1,490.00	\$1,490.00
OutFlow Structure	1	EA	\$3,200.00	EA	\$3,200.00		\$3,200.00	\$3,200.00

Certificate No. 11 and Final Public Improvements Release Meetinghouse Properties, LLC.

3-inch Skimmer	1 EA	\$825.00 EA	\$825.00	\$825.00	\$825.00
Super Silt Fence Baffle Wall	130 LF	\$12.75 LF	\$1,657.50	\$1,657.50	\$1,657.50
Emergency Spillway (R-4 Rip Rap)	1 LS	\$2,760.00 LS	\$2,760.00	\$2,760.00	\$2,760.00

\$13,589.00

BASIN #2 EARTHWORK

Strip Topsoil	1,250 CY	\$1.80 CY	\$2,250.00	\$2,250.00	\$2,250.00
Cut	2,895 CY	\$1.80 CY	\$5,211.00	\$5,211.00	\$5,211.00
Fill (Basin Berm)	1,065 CY	CY	\$0.00	\$0.00	\$0.00
Waste	1,830 CY	CY	\$0.00	\$0.00	\$0.00
Topsoil Respread	625 CY	\$2.65 CY	\$1,656.25	\$1,656.25	\$1,656.25
Rake, Seed and Mulch Basin	35,000 SF	\$0.04 SF	\$1,400.00	\$1,400.00	\$1,400.00
Landlok 407 Slope Stabilization	12,700 SF	\$0.20 SF	\$2,540.00	\$2,540.00	\$2,540.00

\$13,057.25

BASIN #2 PIPING

R-4 Rip Rap	23 TN	\$23.00 TN	\$529.00	\$529.00	\$529.00
DWEW	1 EA	\$1,469.00 EA	\$1,469.00	\$1,469.00	\$1,469.00
18" RCP	400 LF	\$26.00 LF	\$10,400.00	\$10,400.00	\$10,400.00
Spreader	1 EA	\$1,825.00 EA	\$1,825.00	\$1,825.00	\$1,825.00
Antiseep Collars	2 EA	\$745.00 EA	\$1,490.00	\$1,490.00	\$1,490.00
Outflow Structure	1 EA	\$3,200.00 EA	\$3,200.00	\$3,200.00	\$3,200.00
2.5" Skimmer	1 EA	\$785.00 EA	\$785.00	\$785.00	\$785.00
Super Silt Fence Baffle Wall	80 LF	\$12.74 LF	\$1,019.20	\$1,019.20	\$1,019.20
Emergency Spillway (R-4 Rip Rap)	1 LS	\$2,760.00 LS	\$2,760.00	\$2,760.00	\$2,760.00

\$23,477.20

BASIN #2 RECONFIGURATION

Strip Topsoil - 6"	747 CY	\$3.75 CY	\$2,801.25	\$2,801.25	\$2,801.25
Site Cut	359 CY	\$3.85 CY	\$1,382.15	\$1,382.15	\$1,382.15
Site Fill	1,995 CY	CY	\$0.00	\$0.00	\$0.00
Replace Topsoil- 6"	747 CY	\$3.75 CY	\$2,801.25	\$2,801.25	\$2,801.25
Borrow on Site	1,596 CY	\$4.00 CY	\$6,384.00	\$6,384.00	\$6,384.00
Perm Seeding/Mulch	40,312 SF	\$0.07 SF	\$2,821.84	\$2,821.84	\$2,821.84
Rip Rap Outlet R-4	24 TN	\$30.00 TN	\$720.00	\$720.00	\$720.00
Remove 2.5" Faircloth Skimmer	1 EA	\$75.00 EA	\$75.00	\$75.00	\$75.00

Certificate No. 11 and Final Public Improvements Release Meetinghouse Properties, LLC.

\$16,985.49

BASIN #5 RECONFIGURATION

Strip Topsoil - 6"	1,018	CY	\$3.75	CY	\$3,817.50	\$3,817.50	\$3,817.50
Site Cut	253	CY	\$3.85	CY	\$974.05	\$974.05	\$974.05
Site Fill	4,769	CY		CY	\$0.00	\$0.00	\$0.00
Replace Topsoil - 6"	1,018	CY	\$3.75	CY	\$3,817.50	\$3,817.50	\$3,817.50
Borrow on Site	4,516	CY	\$4.00	CY	\$18,064.00	\$18,064.00	\$18,064.00
Perm Seeding/Mulch	54,964	SF	\$0.07	SF	\$3,847.48	\$3,847.48	\$3,847.48
Rip Rap Outlet R-4	36	TN	\$30.00	TN	\$1,080.00	\$1,080.00	\$1,080.00
Remove 3" Faircloth Skimmer	1	EA	\$75.00	EA	\$75.00	\$75.00	\$75.00
						\$31,675.53	

SITE EARTHWORK

Strip Topsoil	2,560	CY	\$1.80	CY	\$4,608.00	\$4,608.00	\$4,608.00
Cut	5,085	CY	\$1.80	CY	\$9,153.00	\$9,153.00	\$9,153.00
Fill	3,475	CY		CY	\$0.00	\$0.00	\$0.00
Topsoil respread	750	CY	\$2.65	CY	\$1,987.50	\$1,987.50	\$1,987.50
						\$15,748.50	

SITE STABILIZATION ONLY

Stabilization Seed and Mulch Only	45,000	SF	\$0.03	SF	\$1,350.00	\$1,350.00	\$1,350.00
						\$1,350.00	

STORM SEWER

Type 'C' Inlets	8	EA	\$1,450.00	EA	\$11,600.00	\$11,600.00	\$11,600.00
Type 'M' Inlets	1	EA	\$1,100.00	EA	\$1,100.00	\$1,100.00	\$1,100.00
Storm Manholes	1	EA	\$1,200.00	EA	\$1,200.00	\$1,200.00	\$1,200.00
15" RCP	498	LF	\$25.75	LF	\$12,823.50	\$12,823.50	\$12,823.50
18" RCP	156	LF	\$26.00	LF	\$4,056.00	\$4,056.00	\$4,056.00
21" RCP	171	LF	\$27.00	LF	\$4,617.00	\$4,617.00	\$4,617.00
24" RCP	134	LF	\$30.00	LF	\$4,020.00	\$4,020.00	\$4,020.00
DWEW	2	EA	\$2,425.00	EA	\$4,850.00	\$4,850.00	\$4,850.00
R-3 Rip Rap	6	TN	\$21.75	TN	\$130.50	\$130.50	\$130.50
R-5 Rip Rap	65	TN	\$25.50	TN	\$1,657.50	\$1,657.50	\$1,657.50

SITE IMPROVEMENT ESCROW
SADSBURY PARK PHASE 4C
Sadsbury Arcadia Associates, L.P.
100 W. Lancaster Ave., Suite 102, Wayne, PA 19087

RELEASE REQUEST: # 8
DATE: 4/29/2013

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
Survey									
1	Survey Layout	L.S.	1	\$15,000.00	\$15,000.00	\$15,000.00	\$0.00	\$15,000.00	\$0.00
2	Monuments	EA	12	\$150.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$1,800.00
3	Lot Pins	EA	42	\$105.00	\$4,410.00	\$0.00	\$0.00	\$0.00	\$4,410.00
4	Final As-Builts	L.S.	1	\$8,000.00	\$8,000.00	\$0.00	\$0.00	\$0.00	\$8,000.00
Subtotal					\$29,210.00	\$15,000.00	\$0.00	\$15,000.00	\$14,210.00
Sediment & Erosion Control									
1	Stone Construction Entrance	EA	1	\$1,200.00	\$1,200.00	\$1,200.00	\$0.00	\$1,200.00	\$0.00
2	18" Silt Fence	L.F.	386	\$1.05	\$405.30	\$405.30	\$0.00	\$405.30	\$0.00
3	30" Silt Fence	L.F.	150	\$1.95	\$292.50	\$292.50	\$0.00	\$292.50	\$0.00
4	Construction Fence	L.F.	400	\$1.50	\$600.00	\$600.00	\$0.00	\$600.00	\$0.00
5	Seed & Mulch Stockpiles	S.F.	3,500	\$0.04	\$140.00	\$140.00	\$0.00	\$140.00	\$0.00
6	Seed & Mulch Lot Earthwork	S.F.	99,004	\$0.04	\$3,960.16	\$3,960.16	\$0.00	\$3,960.16	\$0.00
Subtotal					\$6,597.96	\$6,597.96	\$0.00	\$6,597.96	\$0.00
Site Excavation									
Interior Road Excavation									
1	ROW Strip Topsoil & Stockpile	C.Y.	4,832	\$1.30	\$6,282.19	\$6,282.19	\$0.00	\$6,282.19	\$0.00
2	ROW Cut	C.Y.	2,876	\$1.73	\$4,975.48	\$4,975.48	\$0.00	\$4,975.48	\$0.00
3	ROW Fill & Compact	C.Y.	2,876	\$0.75	\$2,185.76	\$2,185.76	\$0.00	\$2,185.76	\$0.00
Infiltration Basin #2 - Alternate									
4	Strip Topsoil - Basin #2	C.Y.	241	\$0.86	\$207.26	\$0.00	\$0.00	\$0.00	\$207.26
5	Cut & Fill - Basin #2	C.Y.	2,343	\$2.66	\$6,232.38	\$0.00	\$0.00	\$0.00	\$6,232.38
6	Grade - Basin #2	S.Y.	1,077	\$0.22	\$236.94	\$0.00	\$0.00	\$0.00	\$236.94
7	Respread Topsoil - Basin #2	S.Y.	1,077	\$0.64	\$689.28	\$0.00	\$0.00	\$0.00	\$689.28
8	Seed and Straw Mulch	S.F.	9,692	\$0.07	\$678.44	\$0.00	\$0.00	\$0.00	\$678.44
9	Convert Outlet Structure (1-4)	Ea	1	\$1,242.93	\$1,242.93	\$0.00	\$0.00	\$0.00	\$1,242.93
10	R-4 Rip-Rap @ EW 15	Ton	87	\$32.41	\$2,819.67	\$0.00	\$0.00	\$0.00	\$2,819.67
Subtotal					\$25,550.33	\$13,443.43	\$0.00	\$13,443.43	\$12,106.90

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
Sanitary Sewer									
1	Tie into Existing MH#2	EA.	1	\$3,035.46	\$3,035.46	\$3,035.46	\$0.00	\$3,035.46	\$0.00
2	8" SDR-35	L.F.	1,247	\$20.23	\$25,226.81	\$25,226.81	\$0.00	\$25,226.81	\$0.00
3	6" SDR-35 Lateral w/ Wye	EA.	48	\$494.30	\$23,726.40	\$23,726.40	\$0.00	\$23,726.40	\$0.00
4	6" SDR-35 Lat. for 2 Hses OWRd	EA.	2	\$500.00	\$1,000.00	\$1,000.00	\$0.00	\$1,000.00	\$0.00
5	Sanitary Manholes	EA.	7	\$2,132.00	\$14,924.00	\$14,924.00	\$0.00	\$14,924.00	\$0.00
Subtotal					\$67,912.67	\$67,912.67	\$0.00	\$67,912.67	\$0.00
Storm Sewer									
1	15" SLCPP	L.F.	716	\$21.88	\$15,666.08	\$15,666.08	\$0.00	\$15,666.08	\$0.00
2	Type C Inlet	EA.	3	\$1,574.04	\$4,722.12	\$4,722.12	\$0.00	\$4,722.12	\$0.00
3	Type M Inlet	EA.	10	\$1,529.05	\$15,290.50	\$15,290.50	\$0.00	\$15,290.50	\$0.00
4	Manhole	EA.	1	\$1,847.60	\$1,847.60	\$1,847.60	\$0.00	\$1,847.60	\$0.00
Subtotal					\$37,526.30	\$37,526.30	\$0.00	\$37,526.30	\$0.00
Site Lighting and Signs									
Street Lights									
1	Streetlights	EA.	3	\$2,000.00	\$6,000.00	\$0.00	\$4,000.00	\$4,000.00	\$2,000.00
Street Signs									
2	Signs	EA.	29	\$175.00	\$5,075.00	\$1,575.00	\$0.00	\$1,575.00	\$3,500.00
Subtotal					\$11,075.00	\$1,575.00	\$4,000.00	\$5,575.00	\$5,500.00
Curbs									
Curbs - Interior Road									
1	Belgium Block 14"	L.F.	600	\$9.48	\$5,676.00	\$5,676.00	\$0.00	\$5,676.00	\$0.00
Curbs - Road Widening									
2	Belgium Block	L.F.	450	\$13.27	\$5,971.50	\$5,971.50	\$0.00	\$5,971.50	\$0.00
Subtotal					\$11,647.50	\$11,647.50	\$0.00	\$11,647.50	\$0.00
Paving Interior Road									
Main Streets									
1	Fine Grade and Compact	S.Y.	1,947	\$0.81	\$1,577.07	\$1,577.07	\$0.00	\$1,577.07	\$0.00
2	2A Modified 8" depth Stone Base	S.Y.	1,947	\$5.78	\$11,253.66	\$11,253.66	\$0.00	\$11,253.66	\$0.00
3	3" Binder Course	S.Y.	1,947	\$7.61	\$14,821.54	\$14,821.54	\$0.00	\$14,821.54	\$0.00
4	1 1/2" Wearing	S.Y.	1,947	\$5.51	\$10,732.84	\$1,372.61	\$0.00	\$1,372.61	\$9,360.23
Alley Streets									
5	Fine Grade and Compact	S.Y.	1,586	\$0.81	\$1,284.66	\$1,284.66	\$0.00	\$1,284.66	\$0.00
6	2A Modified 8" depth Stone Base	S.Y.	1,586	\$5.78	\$9,167.08	\$9,167.08	\$0.00	\$9,167.08	\$0.00
7	3" Binder Course	S.Y.	1,586	\$7.61	\$12,073.43	\$12,073.43	\$0.00	\$12,073.43	\$0.00
8	1 1/2" Wearing	S.Y.	1,586	\$5.51	\$8,742.83	\$0.00	\$0.00	\$0.00	\$8,742.83
Subtotal					\$69,653.10	\$51,550.05	\$0.00	\$51,550.05	\$18,103.05

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
Sidewalks / Aprons									
1	Sidewalks - Lots & Open Space	S.F.	6,255	\$2.65	\$16,575.75	\$4,968.75	\$5,300.00	\$10,268.75	\$8,307.00
2	Handicap Ramps - Standard	EA.	5	\$250.00	\$1,250.00	\$0.00	\$500.00	\$500.00	\$750.00
3	Handicap Ramps - Depressed	EA.	10	\$350.00	\$3,500.00	\$700.00	\$700.00	\$1,400.00	\$2,100.00
Subtotal					\$21,325.75	\$5,668.75	\$6,500.00	\$12,168.75	\$9,157.00
Site Landscaping - Street Trees & Open Space									
1	Street Trees - 2.5" Caliper	EA.	28	\$300.00	\$8,400.00	\$900.00	\$0.00	\$900.00	\$7,500.00
Site Landscaping - Open Space Areas									
2	Buffer Plants	L.S.	1	\$10,000.00	\$10,000.00	\$8,036.00	\$0.00	\$8,036.00	\$1,964.00
Subtotal					\$18,400.00	\$8,936.00	\$0.00	\$8,936.00	\$9,464.00
Survey					\$29,210.00	\$15,000.00	\$0.00	\$15,000.00	\$14,210.00
Sediment & Erosion Control					\$6,597.96	\$6,597.96	\$0.00	\$6,597.96	\$0.00
Site Excavation					\$25,550.33	\$13,443.43	\$0.00	\$13,443.43	\$12,106.90
Sanitary Sewer					\$67,912.67	\$67,912.67	\$0.00	\$67,912.67	\$0.00
Storm Sewer					\$37,526.30	\$37,526.30	\$0.00	\$37,526.30	\$0.00
Site Lighting and Signs					\$11,075.00	\$1,575.00	\$4,000.00	\$5,575.00	\$5,500.00
Curbs					\$11,647.50	\$11,647.50	\$0.00	\$11,647.50	\$0.00
Paving Interior Road					\$69,653.10	\$51,550.05	\$0.00	\$51,550.05	\$18,103.05
Sidewalks / Aprons					\$21,325.75	\$5,668.75	\$6,500.00	\$12,168.75	\$9,157.00
Site Landscaping - Street Trees & Open Space					\$18,400.00	\$8,936.00	\$0.00	\$8,936.00	\$9,464.00
SUBTOTAL					\$298,898.61	\$219,857.66	\$10,500.00	\$230,357.66	\$68,540.95
10% CONTINGENCY					\$29,889.86	\$0.00	\$0.00	\$0.00	\$29,889.86
TOTAL IMPROVEMENT COST					\$328,788.47	\$219,857.66	\$10,500.00	\$230,357.66	\$98,430.81
Retainage 10%						\$10,992.88	\$525.00	\$11,517.88	\$11,517.88
Release of 5% Retainage - Release 1-5 (50% of \$19,654.40)						\$9,827.20	\$0.00		
TOTAL ESCROW					\$328,788.47	\$208,864.78	\$9,975.00	\$218,839.78	\$109,948.69

TOTAL AMOUNT APPROVED THIS RELEASE

\$9,975.00

SADSBURY PARK PHASE 4C

Sadsbury Township, Chester County, PA

Sadsbury Arcadia Associates, L.P.

100 W. Lancaster Avenue, Suite 102, Wayne, PA 19087

James W. MacCombie, P.E., P.L.S., Sadsbury Township Engineer

Date

SITE IMPROVEMENT ESCROW
SADSBURY PARK PHASE 2A
Sadsbury Arcadia Associates, L.P.
100 W. Lancaster Ave., Suite 102, Wayne, PA 19087

RELEASE REQUEST: # 19
DATE: 5/26/2015

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
<u>Survey</u>									
1	Construction Layout	L.S.	1	\$43,316.85	\$43,316.85	\$43,316.85	\$0.00	\$43,316.85	\$0.00
2	Monuments	EA.	43	\$150.00	\$6,450.00	\$0.00	\$0.00	\$0.00	\$6,450.00
3	Lot Pins	EA.	68	\$105.00	\$7,140.00	\$0.00	\$0.00	\$0.00	\$7,140.00
4	Final As-Builts	L.S.	1	\$12,000.00	\$12,000.00	\$0.00	\$0.00	\$0.00	\$12,000.00
Subtotal					\$68,906.85	\$43,316.85	\$0.00	\$43,316.85	\$25,590.00
<u>Sediment & Erosion Control</u>									
1	Stone Construction Entrance	EA.	2	\$1,200.00	\$2,400.00	\$2,400.00	\$0.00	\$2,400.00	\$0.00
2	18" Silt Fence	L.F.	387	\$1.05	\$406.35	\$406.35	\$0.00	\$406.35	\$0.00
3	30" Silt Fence	L.F.	196	\$1.84	\$360.64	\$360.64	\$0.00	\$360.64	\$0.00
4	Supper Silt Fence	L.F.	764	\$6.30	\$4,813.20	\$4,813.20	\$0.00	\$4,813.20	\$0.00
5	Construction Fnce	L.F.	900	\$1.50	\$1,350.00	\$1,350.00	\$0.00	\$1,350.00	\$0.00
6	Inlet Protection	EA.	10	\$112.00	\$1,120.00	\$1,120.00	\$0.00	\$1,120.00	\$0.00
7	Seed & Mulch Stockpiles	S.F.	100,000	\$0.04	\$4,000.00	\$4,000.00	\$0.00	\$4,000.00	\$0.00
8	Seed & Mulch Lot Earthwork	S.F.	300,000	\$0.04	\$12,000.00	\$12,000.00	\$0.00	\$12,000.00	\$0.00
Subtotal					\$26,450.19	\$26,450.19	\$0.00	\$26,450.19	\$0.00
<u>Clearing</u>									
1	Clear & Grubb	Ac.	1	\$6,285.00	\$6,285.00	\$6,285.00	\$0.00	\$6,285.00	\$0.00
Subtotal					\$6,285.00	\$6,285.00	\$0.00	\$6,285.00	\$0.00
<u>Site Excavation</u>									
Interior Road Excavation									
1	ROW Strip Topsoil & Stockpile	C.Y.	5,917	\$1.63	\$9,644.71	\$9,644.71	\$0.00	\$9,644.71	\$0.00
2	ROW Cut	C.Y.	11,200	\$1.76	\$19,712.00	\$19,712.00	\$0.00	\$19,712.00	\$0.00
3	ROW Fill & Compact	C.Y.	9,604	\$0.76	\$7,299.04	\$7,299.04	\$0.00	\$7,299.04	\$0.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
Site Excavation - Continued									
Sediment Trap #1 (Wet Pond "B")									
4	Strip Topsoil - Sed Trap #1	C.Y.	337	\$1.71	\$576.27	\$576.27	\$0.00	\$576.27	\$0.00
5	Cut - Sed Trap #1	C.Y.	4,115	\$1.91	\$7,859.65	\$7,859.65	\$0.00	\$7,859.65	\$0.00
6	Fill - Sed Trap #1	C.Y.	8	\$0.82	\$6.56	\$6.56	\$0.00	\$6.56	\$0.00
7	Grade - Sed Trap #1	S.Y.	1,465	\$0.26	\$380.90	\$380.90	\$0.00	\$380.90	\$0.00
8	Respread Topsoil - Sed Trap #1	S.Y.	667	\$2.44	\$1,627.48	\$1,627.48	\$0.00	\$1,627.48	\$0.00
9	8" PVC Temp Riser	EA.	1	\$205.00	\$205.00	\$205.00	\$0.00	\$205.00	\$0.00
10	Seed and Straw Mulch	S.F.	13,185	\$0.04	\$527.40	\$527.40	\$0.00	\$527.40	\$0.00
11	Outlet Structure	EA.	1	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00	\$1,800.00	\$0.00
12	Anti-Seep Collar	EA.	1	\$665.00	\$665.00	\$665.00	\$0.00	\$665.00	\$0.00
13	Spillway (NAG P-300)	S.F.	450	\$0.63	\$283.50	\$283.50	\$0.00	\$283.50	\$0.00
14	15" RCP Outflow Pipe	L.F.	95	\$34.16	\$3,245.20	\$3,245.20	\$0.00	\$3,245.20	\$0.00
15	Erosion Control Blanket	S.F.	8,154	\$0.16	\$1,304.64	\$1,304.64	\$0.00	\$1,304.64	\$0.00
16	Conversion (Alternate)	L.S.	1	\$9,000.00	\$9,000.00	\$0.00	\$0.00	\$0.00	\$9,000.00
17	Otterbine Comet Floating Fountain	L.S.	1	\$6,200.00	\$6,200.00	\$0.00	\$0.00	\$0.00	\$6,200.00
Sediment Basin "C" (Wet Pond "C")									
18	Strip Topsoil	C.Y.	1,315	\$1.71	\$2,248.65	\$2,248.65	\$0.00	\$2,248.65	\$0.00
19	Cut - Basin C	C.Y.	6,622	\$1.91	\$12,648.02	\$12,648.02	\$0.00	\$12,648.02	\$0.00
20	Fill - Basin C	C.Y.	1,410	\$0.82	\$1,156.20	\$1,156.20	\$0.00	\$1,156.20	\$0.00
21	Core Cut & Fill	C.Y.	100	\$7.70	\$770.00	\$770.00	\$0.00	\$770.00	\$0.00
22	Grade - Basin C	S.Y.	5,750	\$0.26	\$1,495.00	\$1,495.00	\$0.00	\$1,495.00	\$0.00
23	Respread Topsoil	S.Y.	5,750	\$0.72	\$4,140.00	\$4,140.00	\$0.00	\$4,140.00	\$0.00
24	Erosion Control Blanket	S.F.	30,177	\$0.16	\$4,828.32	\$4,828.32	\$0.00	\$4,828.32	\$0.00
25	Seed and Straw Mulch	S.F.	51,751	\$0.07	\$3,622.57	\$3,622.57	\$0.00	\$3,622.57	\$0.00
26	Outlet Structure	EA.	1	\$1,290.00	\$1,290.00	\$1,290.00	\$0.00	\$1,290.00	\$0.00
27	Anti-Seep Collar	EA.	1	\$690.00	\$690.00	\$690.00	\$0.00	\$690.00	\$0.00
28	18" DW Endwall	EA.	1	\$1,145.00	\$1,145.00	\$1,145.00	\$0.00	\$1,145.00	\$0.00
29	18" RCP Outflow Pipe	L.F.	69	\$36.16	\$2,495.04	\$2,495.04	\$0.00	\$2,495.04	\$0.00
30	Spillway (NAG P-300)	S.F.	5,778	\$0.63	\$3,640.14	\$3,640.14	\$0.00	\$3,640.14	\$0.00
31	R-5 Rip Rap	TON	31	\$39.06	\$1,210.86	\$1,210.86	\$0.00	\$1,210.86	\$0.00
32	4" Temporary Skimmer	EA.	1	\$3,195.00	\$3,195.00	\$3,195.00	\$0.00	\$3,195.00	\$0.00
33	5' Super Silt Fence Baffle	L.F.	260	\$19.29	\$5,015.40	\$5,015.40	\$0.00	\$5,015.40	\$0.00
34	Conversion (Alternate)	L.S.	1	\$12,254.00	\$12,254.00	\$0.00	\$12,254.00	\$12,254.00	\$0.00
Infiltration Basin #1 - Alternate									
35	Cut & Fill	C.Y.	455	\$4.25	\$1,933.75	\$0.00	\$1,933.75	\$1,933.75	\$0.00
36	Strip Topsoil	C.Y.	152	\$1.06	\$161.12	\$0.00	\$161.12	\$161.12	\$0.00
37	Grade - Infiltration Basin	S.Y.	681	\$0.26	\$177.06	\$0.00	\$177.06	\$177.06	\$0.00
38	Respread Topsoil	S.Y.	681	\$0.78	\$531.18	\$0.00	\$531.18	\$531.18	\$0.00
39	Seed and Straw Mulch	S.F.	6,122	\$0.07	\$428.54	\$0.00	\$428.54	\$428.54	\$0.00
40	Outlet Structure	EA.	1	\$1,545.00	\$1,545.00	\$0.00	\$1,545.00	\$1,545.00	\$0.00
41	18" SLCPP	L.F.	24	\$27.71	\$665.04	\$0.00	\$665.04	\$665.04	\$0.00
Temp Swales & Berms									
42	Grade Temp Collection	S.Y.	1	\$6,574.20	\$6,574.20	\$6,574.20	\$0.00	\$6,574.20	\$0.00
43	North American Green S-75	S.F.	16,500	\$0.14	\$2,310.00	\$2,310.00	\$0.00	\$2,310.00	\$0.00
Subtotal					\$146,507.44	\$113,611.75	\$17,695.69	\$131,307.44	\$15,200.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
Fox Trail Connection									
Excavation for Fox Trail									
1	Strip Topsoil and Stockpile	C.Y.	2,489	\$1.63	\$4,056.89	\$4,056.89	\$0.00	\$4,056.89	\$0.00
2	Temp Stabilization	S.F.	20,000	\$0.04	\$800.00	\$800.00	\$0.00	\$800.00	\$0.00
Excavation Temp Sed Trap X									
3	Strip Topsoil - Sed Trap #x	C.Y.	200	\$1.71	\$342.00	\$342.00	\$0.00	\$342.00	\$0.00
4	Cut / Fill - Sed Trap X	C.Y.	2,000	\$1.91	\$3,820.00	\$3,820.00	\$0.00	\$3,820.00	\$0.00
5	Grade - Sed Trap #X	S.Y.	4,000	\$0.26	\$1,040.00	\$1,040.00	\$0.00	\$1,040.00	\$0.00
6	Respread Topsoil - Sed Trap #X	S.Y.	600	\$2.44	\$1,464.00	\$1,464.00	\$0.00	\$1,464.00	\$0.00
7	Temp Seed & Mulch	S.F.	36,000	\$0.04	\$1,440.00	\$1,440.00	\$0.00	\$1,440.00	\$0.00
8	Erosion Control Blanket	S.F.	7,200	\$0.16	\$1,152.00	\$1,152.00	\$0.00	\$1,152.00	\$0.00
9	Super Silt Fence Baffle Wall	L.F.	270	\$22.00	\$5,940.00	\$5,940.00	\$0.00	\$5,940.00	\$0.00
10	Anti-Seep Collar	EA.	1	\$665.00	\$665.00	\$665.00	\$0.00	\$665.00	\$0.00
11	Temp Skimmer	EA.	1	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00	\$0.00
Storm Sewer									
12	15" SLCPP	L.F.	235	\$25.00	\$5,875.00	\$5,875.00	\$0.00	\$5,875.00	\$0.00
13	18" SLCPP	L.F.	30	\$27.00	\$810.00	\$810.00	\$0.00	\$810.00	\$0.00
14	24" SLCPP	L.F.	204	\$29.00	\$5,916.00	\$5,916.00	\$0.00	\$5,916.00	\$0.00
15	30" SLCPP	L.F.	30	\$37.00	\$1,110.00	\$1,110.00	\$0.00	\$1,110.00	\$0.00
16	Type C Inlet	EA.	5	\$1,574.00	\$7,870.00	\$7,870.00	\$0.00	\$7,870.00	\$0.00
17	Type M Inlet	EA.	1	\$1,529.00	\$1,529.00	\$1,529.00	\$0.00	\$1,529.00	\$0.00
18	Manhole	EA.	1	\$1,847.60	\$1,847.60	\$1,847.60	\$0.00	\$1,847.60	\$0.00
19	DW Endwall / Headwall	EA.	2	\$1,800.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00
Curbs									
20	Belgian Block Curb	L.F.	1,400	\$12.00	\$16,800.00	\$16,800.00	\$0.00	\$16,800.00	\$0.00
Paving - Fox Trail									
21	Fine Grade and Compact	S.Y.	2,489	\$0.89	\$2,215.11	\$2,215.11	\$0.00	\$2,215.11	\$0.00
22	2A Modified 8" depth Stone Base	S.Y.	2,489	\$5.76	\$14,336.00	\$14,336.00	\$0.00	\$14,336.00	\$0.00
23	3" Binder Course	S.Y.	2,489	\$7.25	\$18,044.44	\$18,044.44	\$0.00	\$18,044.44	\$0.00
Subtotal					\$103,173.04	\$103,173.04	\$0.00	\$103,173.04	\$0.00
Water / Rain Gardens									
1	Water Garden #1	L.S.	1	\$11,350.00	\$11,350.00	\$0.00	\$0.00	\$0.00	\$11,350.00
2	Water Garden #2	L.S.	1	\$5,550.00	\$5,550.00	\$0.00	\$0.00	\$0.00	\$5,550.00
Subtotal					\$16,900.00	\$0.00	\$0.00	\$0.00	\$16,900.00
Sanitary Sewer									
1	8" SDR-35	L.F.	3,801	\$25.00	\$95,025.00	\$95,025.00	\$0.00	\$95,025.00	\$0.00
2	8" DIP Class 52	L.F.	538	\$65.00	\$34,970.00	\$34,970.00	\$0.00	\$34,970.00	\$0.00
3	6" SDR-35 Lateral	EA.	64	\$494.30	\$31,635.20	\$31,635.20	\$0.00	\$31,635.20	\$0.00
4	6" DIP Class 52 Lateral	EA.	7	\$1,139.94	\$7,979.58	\$7,979.58	\$0.00	\$7,979.58	\$0.00
5	Sanitary Manholes	EA.	31	\$2,132.00	\$66,092.00	\$66,092.00	\$0.00	\$66,092.00	\$0.00
6	8" Cleanout	EA.	1	\$154.00	\$154.00	\$154.00	\$0.00	\$154.00	\$0.00
Subtotal					\$235,855.78	\$235,855.78	\$0.00	\$235,855.78	\$0.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
<u>Storm Sewer System</u>									
1	12" SLCPP	L.F.	19	\$16.82	\$319.58	\$319.58	\$0.00	\$319.58	\$0.00
2	15" SLCPP	L.F.	2,061	\$25.00	\$51,525.00	\$51,525.00	\$0.00	\$51,525.00	\$0.00
3	18" SLCPP	L.F.	478	\$27.00	\$12,906.00	\$12,906.00	\$0.00	\$12,906.00	\$0.00
4	24" SLCPP	L.F.	1,133	\$29.00	\$32,857.00	\$32,857.00	\$0.00	\$32,857.00	\$0.00
5	30" SLCPP	L.F.	678	\$37.00	\$25,086.00	\$25,086.00	\$0.00	\$25,086.00	\$0.00
6	36" SLCPP	L.F.	285	\$45.00	\$12,825.00	\$12,825.00	\$0.00	\$12,825.00	\$0.00
7	24" RCP	L.F.	461	\$48.00	\$22,128.00	\$22,128.00	\$0.00	\$22,128.00	\$0.00
8	30" RCP	L.F.	153	\$55.00	\$8,415.00	\$8,415.00	\$0.00	\$8,415.00	\$0.00
9	36" RCP	L.F.	150	\$60.00	\$9,000.00	\$9,000.00	\$0.00	\$9,000.00	\$0.00
10	Type C Inlet	EA.	52	\$1,574.04	\$81,850.08	\$81,850.08	\$0.00	\$81,850.08	\$0.00
11	Type M Inlet	EA.	24	\$1,529.05	\$36,697.20	\$36,697.20	\$0.00	\$36,697.20	\$0.00
12	48" Storm Manholes	EA.	2	\$1,847.60	\$3,695.20	\$3,695.20	\$0.00	\$3,695.20	\$0.00
13	DW Endwall 15", 24"	EA.	1	\$1,994.97	\$1,994.97	\$1,994.97	\$0.00	\$1,994.97	\$0.00
14	DW Endwall 30", 36", 48"	EA.	3	\$1,994.97	\$5,984.91	\$5,984.91	\$0.00	\$5,984.91	\$0.00
15	Rip Rap	Ton	120	\$36.74	\$4,408.80	\$4,408.80	\$0.00	\$4,408.80	\$0.00
Subtotal					\$309,692.74	\$309,692.74	\$0.00	\$309,692.74	\$0.00
<u>Site Lighting and Signs</u>									
<u>Street Lights</u>									
1	Streetlights (Alternate)	EA.	9	\$2,000.00	\$18,000.00	\$10,000.00	\$0.00	\$10,000.00	\$8,000.00
<u>Street Signs</u>									
2	Stop Sign	EA.	25	\$175.00	\$4,375.00	\$0.00	\$0.00	\$0.00	\$4,375.00
3	One Way Right	EA.	2	\$175.00	\$350.00	\$0.00	\$0.00	\$0.00	\$350.00
4	Do Not Enter	EA.	6	\$175.00	\$1,050.00	\$0.00	\$0.00	\$0.00	\$1,050.00
5	Speed Limit 35	EA.	6	\$175.00	\$1,050.00	\$0.00	\$0.00	\$0.00	\$1,050.00
6	Street Names	EA.	14	\$175.00	\$2,450.00	\$1,400.00	\$1,050.00	\$2,450.00	\$0.00
7	No Parking	EA.	36	\$175.00	\$6,300.00	\$0.00	\$0.00	\$0.00	\$6,300.00
Subtotal					\$33,575.00	\$11,400.00	\$1,050.00	\$12,450.00	\$21,125.00
<u>Curbs - Interior Road</u>									
1	Grade for Curbs	L.F.	9,836	\$1.27	\$12,491.72	\$12,491.72	\$0.00	\$12,491.72	\$0.00
2	Concrete Curbs	L.F.	9,210	\$12.00	\$110,520.00	\$100,860.00	\$9,660.00	\$110,520.00	\$0.00
3	Mountable Curb	L.F.	626	\$12.00	\$7,512.00	\$7,368.00	\$144.00	\$7,512.00	\$0.00
Subtotal					\$130,523.72	\$120,719.72	\$9,804.00	\$130,523.72	\$0.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
<u>Paving Interior Road</u>									
<u>Main Streets</u>									
1	Fine Grade and Compact	S.Y.	13,894	\$0.89	\$12,365.66	\$12,365.66	\$0.00	\$12,365.66	\$0.00
2	2A Modified 8" depth Stone Base	S.Y.	13,894	\$5.76	\$80,029.44	\$59,109.12	\$20,920.32	\$80,029.44	\$0.00
3	3" Binder Course	S.Y.	13,894	\$7.25	\$100,731.50	\$74,399.50	\$26,332.00	\$100,731.50	\$0.00
4	1 1/2" Wearing	S.Y.	13,894	\$5.25	\$72,543.50	\$0.00	\$0.00	\$0.00	\$72,943.50
<u>Alley Streets</u>									
5	Fine Grade and Compact	S.Y.	3,175	\$0.89	\$2,825.75	\$1,867.22	\$958.53	\$2,825.75	\$0.00
6	2A Modified 8" depth Stone Base	S.Y.	3,175	\$5.76	\$18,288.00	\$7,655.04	\$10,632.96	\$18,288.00	\$0.00
7	3" Binder Course	S.Y.	3,175	\$7.25	\$23,018.75	\$9,642.50	\$13,376.25	\$23,018.75	\$0.00
8	1 1/2" Wearing	S.Y.	3,175	\$5.25	\$16,668.75	\$0.00	\$0.00	\$0.00	\$16,668.75
Subtotal					\$326,871.35	\$165,039.04	\$72,220.06	\$237,259.10	\$89,612.25
<u>Paving Exterior Road - Quarry Road</u>									
1	Quarry Road Wearing Course	L.S.	1	\$22,016.00	\$22,016.00	\$0.00	\$0.00	\$0.00	\$22,016.00
Subtotal					\$22,016.00	\$0.00	\$0.00	\$0.00	\$22,016.00
<u>Sidewalks / Aprons / Trails</u>									
<u>Trails</u>									
1	Grade for 6' Trail	S.Y.	594	\$2.68	\$1,591.92	\$1,591.92	\$0.00	\$1,591.92	\$0.00
2	4" 2A Modified Base	S.Y.	594	\$5.10	\$3,029.40	\$3,029.40	\$0.00	\$3,029.40	\$0.00
3	2" Binder	S.Y.	594	\$12.01	\$7,133.94	\$7,133.94	\$0.00	\$7,133.94	\$0.00
<u>Sidewalks / Aprons</u>									
4	Sidewalks - Lots	S.F.	33,638	\$2.65	\$89,140.70	\$32,197.50	\$18,353.90	\$50,551.40	\$38,589.50
5	Handicap Ramps	EA.	22	\$320.00	\$7,140.00	\$2,560.00	\$1,280.00	\$3,840.00	\$3,200.00
Subtotal					\$107,935.96	\$46,512.76	\$19,633.90	\$66,146.66	\$41,789.30
<u>Site Landscaping - Street Trees & Open Space</u>									
1	Street Trees - 2.5" Caliper	EA.	121	\$300.00	\$36,300.00	\$10,500.00	\$5,400.00	\$15,900.00	\$20,400.00
2	Trees & Shrubs - 2.5" Caliper	EA.	15	\$300.00	\$4,500.00	\$2,100.00	\$0.00	\$2,100.00	\$2,400.00
3	Trees & Shrubs - 6'-16' B&B	EA.	78	\$250.00	\$19,500.00	\$13,250.00	\$2,000.00	\$15,250.00	\$4,250.00
4	Trees & Shrubs - LE48"	EA.	78	\$60.00	\$4,680.00	\$1,800.00	\$1,200.00	\$3,000.00	\$1,680.00
5	Perennials & Grasses	EA.	120	\$90.00	\$10,800.00	\$5,400.00	\$0.00	\$5,400.00	\$5,400.00
6	Rain Garden Plants	EA.	1	\$8,000.00	\$8,000.00	\$0.00	\$0.00	\$0.00	\$8,000.00
7	Planting Along Trego Dr	EA.	1,860	\$4.00	\$7,440.00	\$7,440.00	\$0.00	\$7,440.00	\$0.00
8	Meadow Plus	EA.	1,000	\$2.80	\$2,800.00	\$1,400.00	\$0.00	\$1,400.00	\$1,400.00
Subtotal					\$94,020.00	\$41,890.00	\$8,600.00	\$50,490.00	\$43,530.00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
	Survey			\$68,906.85	\$43,316.85	\$0.00	\$43,316.85	\$25,590.00
	Sediment & Erosion Control			\$26,450.19	\$26,450.19	\$0.00	\$26,450.19	\$0.00
	Clearing			\$6,285.00	\$6,285.00	\$0.00	\$6,285.00	\$0.00
	Site Excavation			\$146,507.44	\$113,611.75	\$17,695.69	\$131,307.44	\$15,200.00
	Fox Trail Connection			\$103,173.04	\$103,173.04	\$0.00	\$103,173.04	\$0.00
	Water / Rain Gardens			\$16,900.00	\$0.00	\$0.00	\$0.00	\$16,900.00
	Sanitary Sewer			\$235,855.78	\$235,855.78	\$0.00	\$235,855.78	\$0.00
	Storm Sewer System			\$309,692.74	\$309,692.74	\$0.00	\$309,692.74	\$0.00
	Site Lighting and Signs			\$33,575.00	\$11,400.00	\$1,050.00	\$12,450.00	\$21,125.00
	Curbs - Interior Road			\$130,523.72	\$120,719.72	\$9,804.00	\$130,523.72	\$0.00
	Paving Interior Road			\$326,871.35	\$165,039.04	\$72,220.06	\$237,259.10	\$89,612.25
	Paving Exterior Road - Quarry Road			\$22,016.00	\$0.00	\$0.00	\$0.00	\$22,016.00
	Sidewalks / Aprons / Trails			\$107,935.96	\$46,512.76	\$19,633.90	\$66,146.66	\$41,789.30
	Site Landscaping - Street Trees & Open Space			\$94,020.00	\$41,890.00	\$8,600.00	\$50,490.00	\$43,530.00
	SUBTOTAL			\$1,628,713.07	\$1,223,946.87	\$129,003.65	\$1,352,950.52	\$275,762.55
	10% CONTINGENCY			\$162,871.31	\$0.00	\$0.00	\$0.00	\$162,871.31
	TOTAL IMPROVEMENT COST			\$1,791,584.38	\$1,223,946.87	\$129,003.65	\$1,352,950.52	\$438,633.86
	Retainage 10%				\$122,394.69	\$12,900.37	\$135,295.06	\$135,295.06
	TOTAL ESCROW			\$1,791,584.38	\$1,101,552.18	\$116,103.29	\$1,217,655.47	\$573,928.91

TOTAL AMOUNT APPROVED THIS RELEASE
SADSBURY PARK PHASE 2A
Sadsbury Township, Chester County, PA
Sadsbury Arcadia Associates, L.P.
100 W. Lancaster Avenue, Suite 102
Wayne, PA 19087

\$116,103.29

James W. MacCombie, P.E., P.L.S., Sadsbury Township Engineer

Date

APPENDIX D

**AMTRAK LICENSE AGREEMENT
SADSBURY SEWER CORPORATION CROSSING
MILEPOST 42.8**

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANTARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

JANUARY 30, 2017

LAMB | M c E R L A N E ^{PC}

ATTORNEYS AT LAW

Vincent M. Pompo
Voice 610-430-8000
Fax 610-692-6210
vpompo@lambmcerlane.com

August 6, 2013

Linda Shank, Secretary
Courtney Sarbaum, Treasurer
Sadsbury Township
P.O. Box 261
Sadsburyville, PA 19369

Re: Amtrak License Agreement

Dear Linda and Courtney:

Enclosed please find the Township's original of the fully executed National Railroad Passenger Corporation License Agreement, and a copy of Nancy Edwards' cover letter of July 30, 2013.

Please note that Ms. Edwards states that she has not yet received the certificate of insurance meeting the requirements of Section 27 of the License Agreement. I am enclosing a copy of Section 27 for you to forward to your insurance agent for this purpose. If you need assistance in obtaining the certificate of insurance, please let me know.

Very truly yours,

LAMB MCERLANE PC

By: 

Vincent M. Pompo

Enclosures

cc: Joseph M. Drozd, CPA, CSEP
James W. MacCombie, P.E., P.L.S.

the foregoing conditions, Railroad shall have the right to do so at the sole cost and expense of Licensee, and Railroad shall not be liable in any manner to Licensee for said removal.

Notwithstanding the foregoing, Licensee may, with prior written consent of Railroad, and in accordance with Railroad's then current standards and specifications, abandon the Facilities in their current location upon the expiration or other termination of this Agreement.

The provisions of this Article shall survive the expiration or other termination of this Agreement. (26)

* 27. Before Licensee may exercise the License granted herein, Licensee shall at its sole cost and expense procure, provide, and deliver to Railroad and thereafter maintain in effect during the term of this Agreement, general liability insurance covering all liabilities assumed by Licensee under this Agreement, without exception or restriction of any kind. Products-completed operations, independent contractors and contractual liability coverages are to be included, with all railroad exclusions deleted. Railroad is to be included as an additional insured and said insurance shall be in limits of not less than Two Million Dollars (\$2,000,000.00) combined single limit, bodily injury, death and/or property damage whether of Licensee, Railroad, or others, and shall contain a waiver of subrogation against Railroad, and said insurance shall be with such companies and in such form as shall be acceptable to Railroad. Said insurance shall be endorsed to provide that Railroad will be notified in writing by the insurance carrier at least thirty (30) days in advance of any cancellation or changes which modify the coverage provided thereunder. The providing of such insurance shall not be deemed a limitation on the liability of Licensee as provided in this Agreement, but shall be additional security therefor. In the event the term of this Agreement exceeds ten (10) years, Railroad reserves the right to modify the conditions/limits of said insurance listed in this Article, but Railroad may not exercise such right more than once in any ten (10) year period. (27)

28. The covenants, conditions and agreements contained in this Agreement shall bind and inure to the benefit of Licensee and Railroad and their respective heirs, distributors, executors, administrators, successors, and, except as otherwise provided in this Agreement, their assigns. (28)

NATIONAL RAILROAD PASSENGER CORPORATION

7955 Market Street, 5th Floor SW, Box 25, Philadelphia, PA 19104



July 30, 2013

Via Federal Express

received
7-31-13

Mr. Vince Pompo
Lamb McErlane PC
24 E. Market Street
P. O. Box 565
West Chester, PA 19381

RE: Sadsbury Township, Chester County
Amtrak Line, Parkesburg, Pa., M.P. 42.8 +/-
Amtrak Tenant Account No: 37-05-562-3

Dear Mr. Pompo:

Enclosed for your file is a fully executed License Agreement between the National Railroad Passenger Corporation (Amtrak) and Sadsbury Township, Chester County (*minus a witness signature for Ms. Silvernail*) covering the above-referenced occupancy. The Amtrak tenant account number should be included on all future remittances and correspondence to properly identify your occupancy.

Please be advised that if additional construction at the proposed facility is required, construction will not be permitted until final review and approval by Amtrak's Engineering Department. Please contact Richard Cianfrini at 215-349-4971 to arrange for final approval and to coordinate construction, if necessary.

Please note we still need a copy of your Certificate of Insurance.

If you have any questions, I can be reached on 215-349-1925.

Sincerely,

Nancy Edwards
Nancy Edwards
Real Estate Development

Enclosure

cc: Richard Cianfrini w/copy of License Agreement

**NATIONAL RAILROAD PASSENGER CORPORATION
LICENSE AGREEMENT**

THIS LICENSE AGREEMENT (the "Agreement") made this 30th day of July, 2013, between the NATIONAL RAILROAD PASSENGER CORPORATION, a corporation of the District of Columbia, with offices at 30th and Market Streets, Philadelphia, PA 19104, party of the first part (hereinafter called "Railroad"), and SADBURY TOWNSHIP, a municipality operating under the laws of the Commonwealth of Pennsylvania with offices at Sadsbury Township, Chester County, P.O. Box 262, Sadsburyville, PA 19369, as party of the second part (hereinafter called "Licensee").

WITNESSETH, that the Railroad (which when used herein shall include any lessor, lessee, successor or assignee of or operator of its railroad) insofar as it has the legal right and its present title permits, and in consideration of the covenants and conditions hereinafter stated on the part of the Licensee to be kept and performed, hereby grants to Licensee, and Licensee only (except as otherwise herein provided), a temporary license (the "License") to construct, maintain, repair, alter, renew, relocate and ultimately remove the following facilities (the "Facilities"):

- A. DESCRIPTION OF THE FACILITIES: One (1) twelve (12) inch sewer line and two (2) manholes for a distance of approximately 200 feet across Railroad's right-of-way near Old Wilmington Road.
- B. PURPOSE: To convey sewage from the Business Route 30 and Old Wilmington Road areas of Sadsbury Township to Coatesville Treatment Plant.
- C. TERMINATION OF PRIOR AGREEMENT: Upon execution, this Agreement shall terminate, cancel, and supersede a previous agreement between National Railroad Passenger Corporation and Sadsbury Township, Chester County, of July 29, 1999, as amended and extended by letter March 2, 2005.

D. LOCATION:

- (1) Milepost: 42.8 +/-
- (2) Town: Parkesbury
- (3) County: Chester
- (4) State: Pennsylvania

All as delineated and in strict accordance with plans titled Sadsbury Sewer Corporation Sanitary Sewage Facilities, Sadsbury Township, Chester County, Pennsylvania; DWG. No. 8117-018; Dated 12/10/98, Rev 3; DWG. No. 8117-019, Dated 12/10/98, Rev 5; and DWG. No. 8117-33, Dated 12/10/98, Rev. 1, submitted by Licensee to and approved as to concept by the Chief Engineer of the Railroad, marked "Exhibit A", attached hereto and made a part hereof, and also in strict compliance with current issues of Railroad's Engineering Practices No. EP3005 -- PIPELINE OCCUPANCY SPECIFICATION 02081A all as applicable to the herein described work and incorporated herein by reference; said License, however, shall be under and subject to the following terms, covenants, and conditions as hereinafter recited, which are hereby accepted and agreed to, by the Licensee, to wit: (0.1)

1. This Agreement shall commence on the 15th day of July 2009 and terminate on the 14th day of July 2019, or before as hereinafter provided according to the terms, conditions and covenants herein contained. (1)

Provided that Licensee has performed all of its obligations and is not then in default under the terms, conditions and covenants herein contained, and subject to payment of a license fee in accordance with Railroad's then current fee schedule, Licensee shall have the right to renew this Agreement for an additional term of ten (10) years upon service of written notice of intent to renew not less than 90 days prior to the expiration of the current term. (1.2)

2. Licensee shall pay to the Railroad upon the execution hereof, the sum of Five Hundred Dollars (\$500) as reimbursement for the costs and expenses incident to the preparation of this Agreement, together with the further sum of Nine Thousand Five Hundred Dollars (\$9,500) as lump sum compensation ("License Fee"), for the rights granted in this Agreement for the Ten (10) year term, which sum shall be payable in advance, upon execution of this Agreement.

Notwithstanding the foregoing, payment of any additional charges and sums, other than as compensation for Licensee's occupancy, as hereinafter set forth shall be mailed to 23615 Network Place - Group 5, Chicago, IL 60673-1236, or at such other place as Railroad may from time to time designate. (2.1)

3. Licensee will pay when due the License Fee and any additional payments provided for hereunder, without any setoff or deduction whatsoever (except as provided for hereunder). Any payment or receipt by Railroad or its agent of an amount less than the full amount to which Railroad is entitled shall not operate or be deemed to operate, constitute or be construed, as a settlement or satisfaction of said License Fees or other amounts due, notwithstanding any statement or endorsement on the check or other paper accompanying the payment, but Railroad shall be deemed to have accepted said payment without prejudice and subject to its right to collect the balance actually due, as well as subject to any and all other rights available to Railroad by law and under this Agreement.

If: (i) a default shall occur with respect to Licensee's covenants herein to pay the License Fee or additional payments on any due date as described herein; or (ii) default shall occur with respect to any other covenants and agreements of Licensee herein contained, and if any such default shall not be cured within thirty (30) days after Licensee has been given written notice by Railroad to do so, or (iii) Licensee shall file or suffer to be filed against it a petition in bankruptcy, or (iv) Licensee shall be declared insolvent according to law, or if a receiver or trustee be appointed for the property of Licensee, or (v) Licensee shall make any general assignment for the benefit of creditors, or any bulk sale however denominated, or (vi) Licensee shall assign, sublet or sub-license its rights, duties or obligations hereunder without first obtaining the prior written consent of Railroad, then, in any of such cases, Railroad may by written notice to Licensee immediately declare this Agreement terminated, and in such event, in addition to any other action or remedy which Railroad may have at law or in equity by reason of a breach by Licensee of any provision of this Agreement, Railroad, acting as attorney in fact for Licensee, shall have the right, but not the obligation, to remove Licensee's Facilities by summary proceedings, without being liable to any prosecution, action or damages therefore, and have and enjoy the Railroad's property as of its former estate free, clear and discharged of the License provided for herein and of all rights of Licensee hereunder; and all Facilities owned or placed

upon the Railroad's property by or for Licensee hereunder, shall be filled and abandoned in place or removed by Railroad at the sole cost and expense of Licensee, which cost and expense Licensee shall pay to Railroad upon demand; and Licensee also shall pay to Railroad upon demand all fees and expenses, including reasonable attorney and/or collection agency fees, incurred in connection with the aforesaid actions.

The receipt by or on behalf of Railroad of the License Fee or additional payments, with or without knowledge of any breach of any of the terms, covenants or conditions of this Agreement, shall not be deemed a waiver of such breach, nor shall such receipt be deemed a withdrawal of any notice given to Licensee under the terms of this Agreement, nor shall such receipt be deemed a reinstatement or reestablishment of this Agreement or any portion thereof after termination or cancellation, nor shall the termination or other cancellation of this Agreement or any portion thereof waive the obligation of Licensee to pay or discharge the License Fee, additional payments or other obligations accruing under this Agreement.

Licensee hereby waives and relinquishes unto and in favor of Railroad the operation of all laws which do now or hereafter may exempt any Facilities on Railroad's property from levy and sale upon distress for rent or upon execution of any judgment obtained in an action brought for nonpayment of the License Fee or additional payments hereunder or for breach of any other provisions hereof. The parties hereto shall and do hereby waive trial by jury in any action, proceeding or counterclaim brought by either party against the other on any matter whatsoever arising out of or in any way connected with this Agreement or Licensee's use of the Facilities and occupancy of Railroad's property or arising out of or in any way connected with any claim of injury or damage arising out of or in connection with this Agreement or such use or occupancy. Licensee hereby expressly waives any and all rights of redemption granted by or under any present or future laws in the event of Licensee's being dispossessed for any cause or in the event of Railroad's obtaining possession or for removal of the Facilities by reason of the violation by Licensee of any of the covenants and conditions of this Agreement or otherwise.

Railroad shall have the right to require that payment of the License Fee and any additional payments be made in cash, money order or certified check. A service charge of Ten Dollars (\$10.00) will be charged for each instance in which a check is returned

unpaid by the Licensee's bank for any reason.

If Licensee does not pay the License Fee or any additional payments hereunder on the day when the same shall become due and payable and such failure to pay continues for a period of thirty (30) days, Licensee shall pay to Railroad a service charge at the rate of twelve percent (12%) per annum or the highest rate allowed by law, which ever is the lesser, of the unpaid amount while such amount remains unpaid; provided, however, that such service charge shall in no event be less than Fifty Dollars (\$50.00) for any year or portion of a year during which such amount remains unpaid. Railroad reserves the right to institute legal proceedings and/or collection agency action for the payment of the License Fee, and any legal and collection fees incurred shall be the responsibility of the Licensee; and immediate payment thereof shall be made to Railroad by Licensee upon written notice. The provision of this paragraph shall not preclude Railroad from exercising its options as set forth in any other Article of this Agreement.

The actions and remedies provided in this Agreement in the event of default shall not be deemed exclusive but shall be in addition to all other actions and remedies at law or in equity in event of any such default; and no action or remedy taken or omitted by Railroad in event of default shall be deemed a waiver of such default, and waiver of a particular default shall not be deemed a waiver of any other default or a waiver of the same default again occurring, nor shall any failure on the part of Railroad to compel a fulfillment of any one or more of the covenants, terms and conditions herein contained be held to be a waiver of its right to enforce the same at any time thereafter during the term of this Agreement. (3)

4. The Facilities shall be located, constructed and maintained in exact accordance with the construction plans, as approved by Railroad's Chief Engineer, and "Exhibit A", and in safe condition and shall be utilized solely for the purpose as outlined herein. No departure that would result in a modification, change, amendment or sub-licensing of this Agreement or the License hereunder shall be made at any time therefrom except upon permission in writing granted by the Assistant Vice President, Real Estate Development of Railroad, or his or her designee, provided, however, that if any commission or other regulatory body duly constituted and appointed in compliance with the laws of the state in which the crossing or occupancy herein provided is situate, and

having jurisdiction over the property, has by final ruling or order determined and fixed the manner and means of construction, maintenance, repair, alteration, renewal, relocation or removal thereof, then said final ruling or order shall prevail for the crossing or occupancy herein mentioned. The work of constructing, maintaining, repairing, altering, renewing, relocating or removing the said Facilities shall be done under such general conditions as will be satisfactory to and approved by the Chief Engineer of Railroad, or his or her designee, and as will not interfere with the proper and safe use, operation and enjoyment of the property of the Railroad. Licensee shall cause all contractors performing work in connection with the Facilities to obtain from Railroad and execute, prior to their entry upon Railroad property, all engineering agreements required by Railroad, including, without limitation, Railroad's then-current version of its temporary permit to enter and force account agreements. Licensee, at its own cost and expense, shall, when performing any work in connection with the Facilities, furnish any necessary watchmen to see that Licensee's employees, contractors, invitees, agents, servants, equipment and materials are kept a safe distance away from the tracks of the Railroad. Any notification required or desired to be given to Railroad's Chief Engineer shall be sent to the address on the first page hereof to the attention of the Chief Engineer. (4)

5. Facilities conveying gas (natural or artificial), oil, gasoline or other flammable matter shall not be installed or relocated under bridges or culverts, unless specifically provided for in this Agreement. No Facilities shall be installed or relocated under bridges or culverts where there is likelihood of restricting the area required for the purposes for which the bridges or culverts were built, or of endangering foundations of structures. (5)

6. No attachment of wires, cables, pipe lines, and appurtenances shall be made to any bridge (or its supports) of the Railroad unless specifically provided for in this Agreement, and then only in accordance with the Railroad's plans and specifications. No poles, towers, anchors or supports of any kind for the wires, cables, and appurtenances of the Facilities shall be located on the right-of-way or property of the Railroad unless specifically provided for in this Agreement. An additional charge determined by Railroad at its sole discretion will be assessed against Licensee for knowingly permitting such other uses without Railroad's written permission. (6)

7. In addition to, but not in limitation of any of the foregoing provisions, if at any time the Railroad should deem flagmen or watchmen desirable or necessary to protect its operations or property, or its employees, patrons or licensees during the work of construction, maintenance, repair, alteration, renewal, relocation or removal of said Facilities of Licensee, the Railroad shall have the right to place such flagmen or watchmen at the sole risk, cost and expense of Licensee, who covenants and agrees to bear the full risk, cost and expense thereof and to reimburse promptly the Railroad upon demand. The furnishing or failure to furnish flagmen or watchmen by the Railroad, however shall not release the Licensee from any and all other liabilities assumed by the Licensee under the terms of this Agreement. (7)

8. The Licensee shall at all times be obligated promptly to maintain, repair and renew said Facilities in accordance with the provisions of this Agreement. Upon notice in writing from Railroad requiring it so to do, Licensee shall promptly make such repairs and renewals to the Facilities as may be required by Railroad. For the purpose of protecting and safeguarding its property, traffic, patrons or employees from damage or injury, Railroad may, but shall not be obligated to, with or without notice to the Licensee at any time make such repairs and renewals thereto and furnish such material therefor as it deems adequate and necessary, all at the sole cost and expense of Licensee. (8)

Provided, however, that Railroad shall, except in case of emergency, use reasonable efforts to provide Licensee at least forty-eight (48) hours notice prior to commencement of work. (8.1)

9. In the event of an emergency Licensee will take immediate steps to perform any necessary repairs, and in the event Licensee fails so to do, Railroad may, but shall not be obligated to, perform said necessary repairs at the sole cost and expense of Licensee. (9)

10. In consideration of the rights granted hereunder to Licensee by Railroad, Licensee hereby agrees that as to any structure placed upon Railroad's property or any structure presently existing, which structure is subject to renovation, repairs and subsequent use by Licensee, such structure shall be continuously maintained by Licensee from and after the effective date of this Agreement. All costs of maintenance, repair and upkeep shall be borne by Licensee. Licensee shall be liable for and does indemnify and agree to hold Railroad harmless from any and all

risks of liability for injuries to or death of persons or damage to or destruction of property resulting from said use, maintenance, repair and/or upkeep or lack thereof of said structure without regard to negligence. (10)

11. If the Licensee desires or is required, as herein provided, to revise, renew, add to or alter in any manner whatsoever the Facilities, it shall submit plans and specifications to Railroad and obtain the written approval thereof by the Chief Engineer of Railroad before any work or alteration of the structure is performed and the terms and conditions of this Agreement with respect to the original construction shall apply thereto. Railroad reserves the right to make adjustments in the annual or total compensation or assess additional charges upon any such revision, renewal, addition or alteration. An additional charge determined by Railroad in its sole discretion will be assessed against Licensee for unauthorized uses under this Agreement. (11)

12. The Railroad shall have the right to verify by inspection that the location of the work and the materials used in construction, maintenance, repair, alteration, renewal and removal of the Facilities are in compliance with the plans and specifications. The right to verify the location of the construction work and inspect the Facilities from time to time thereafter by Railroad, shall extend for an appropriate distance on each side of the property of the Railroad as the method of construction and materials used may have an important bearing upon the strength and stability of the Facilities over, under, upon, or in the property of the Railroad. (12)

If the Facilities include overhead wires, overhead cables, or overhead appurtenances, Licensee shall annually inspect the Facilities and, wherever located, all poles, towers, anchors or supports of any kind for the overhead wires, cables, and appurtenances of the Facilities. Such inspections shall extend for an appropriate distance on each side of the property of the Railroad as the condition of the poles, towers, anchors and supports for the overhead wires, cables and appurtenances of the Facilities may have an important bearing upon the strength and stability of the Facilities over the property of the Railroad. Licensee shall, within ten (10) days of each such inspection, provide a written report of the results of its inspection to Railroad. Without limitation of its obligations respecting maintenance of the Facilities under this Agreement, Licensee shall, at its sole cost and expense, maintain in a safe condition and, if

shown on Exhibit A, also in accordance with Exhibit A, all poles, towers, anchors and supports of any kind, wherever located, for the overhead wires, cables, and appurtenances of the Facilities. (12.2)

13. Licensee shall comply with all federal, state, local and municipal statutes, laws, orders, ordinances, rules and regulations now or hereafter enacted and shall assume all costs, expenses and responsibility in connection therewith, without any liability whatsoever on the part of Railroad. To the extent applicable, Licensee shall notify the Public Utility Commission or other similar public utility agency or commission in those states or jurisdictions requiring notice regarding installation of fiber optic cables at or near public crossings. Licensee shall assume all liability and costs arising out of such failure to notify the proper agency/commission. (13)

14. It is understood between the parties hereto that the operations of the Railroad at or near said Facilities involve some risk, and Licensee, as part of the consideration for the License, hereby releases and waives any right to ask for or demand damages for or on account of loss of or injury to the Facilities (and contents thereof) of the Licensee and/or employees, agents, servants, contractors and invitees of the Licensee that are over, on, under, upon or in the property and facilities (of the Railroad) including the loss of or interference with service or use thereof and without respect to the fault, failure or negligence of the Railroad, its employees, agents, servants, contractors, invitees or otherwise. (14)

15. Licensee covenants and agrees to and shall at all times indemnify, protect, defend and save harmless Railroad from and against any and all losses, damages, detriments, liabilities, suits, claims, demands, judgments, costs, interest and expenses (collectively "losses and damages") which Railroad may directly or indirectly suffer, sustain or be subjected to by reason of, on account of, or arising out of a) the construction, placement, attachment, presence, use, misuse, maintenance, repair, alteration, renewal, relocation, failure, or removal of the Facilities, b) the failure of Licensee to comply with any of its obligations under this Agreement; and c) the violation of, or compliance or noncompliance with, any Environmental Law relating in any way to the Facilities or the construction, placement, attachment, presence, use, misuse, maintenance, repair, alteration, renewal, relocation, failure, or removal thereof, including any disposal,

discharge, or release of any wastes, pollutants, or hazardous substances from or in connection with the Facilities or the construction, placement, attachment, presence, use, misuse, maintenance, repair, alteration, renewal, relocation, failure, or removal thereof; whether such losses and damages be suffered or sustained by Railroad directly or by its employees, agents, servants, contractors, officers, or licensees, or by any other person or entity, including Licensee, who may seek to hold Railroad liable therefore, and whether attributable to the fault, failure, or negligence of Railroad, its employees, agents, servants, contractors, officers, licensees, or any other person acting for or on Railroad's behalf.

It is further agreed that in the event Railroad shall, at its option, make any expenditures or incur any obligations for the payment of money in connection with this Article including, but not limited to, attorneys' fees in instituting, prosecuting or defending any action or proceeding, such sums paid, obligations incurred and costs, all with interest at the rate of twelve percent (12%) per annum or the highest rate allowable by law, whichever is the lesser, shall be deemed to be additional compensation due hereunder and shall be paid by Licensee to Railroad within five (5) days of the rendering of a bill or statement to Licensee therefore.

For the purpose of this Article, "Environmental Law" shall mean all laws, statutes, codes, acts, ordinances, orders, judgments, decrees, injunctions, rules, regulations, permits, licenses, authorizations, directions and requirements of all governments, departments, commissions, boards, bureaus, courts, authorities, agencies, officials and officers, relating in any manner or way to the control and/or abatement of environmental pollution and environmental hazards, which now or at any time hereafter may be applicable, or claimed to be applicable, whether or not the claim is or is determined to be well founded.

The provisions of this Article shall survive the expiration or other termination of this Agreement. (15)

16. If a claim or action is made or brought against either party, such party shall notify and permit the other party to participate in the handling or defense of such matter, if such other party may be responsible hereunder, in whole or in part. (16)

17. Prior to any entry for any purpose provided for in this

Agreement and the License granted hereunder, Licensee shall provide to Railroad the name or names of the agents or employees to be present physically at the Facilities and responsible for any work in process or liability therefore. Said notice shall be in writing, to the Chief Engineer of Railroad, delivered at least twenty-one (21) days prior to entry. (17)

18. All costs and expenses in connection with the construction, maintenance, repair, alteration, renewal, relocation, and removal of the Facilities shall be borne by Licensee, and in the event of work being performed or materials furnished by Railroad under the stipulated right to perform such work of construction, maintenance, repair, alteration, renewal, relocation, or removal under any Article hereof, Licensee agrees to pay to Railroad the actual cost of materials plus the current applicable overhead percentages for storage, handling, transportation, purchasing and other related material, management expenses and the actual cost of labor plus the current applicable overhead percentages as developed and published by the accounting department of Railroad for fringe benefits, payroll taxes, administration, supervision, use of tools, machinery and other equipment, supplies, employers' liability insurance, public liability insurance, and other insurance, taxes and all other direct expenses. The aforementioned material and labor overhead charges are to be applied at the rates which are effective at the time of the performance of any work by employees of Railroad on the Facilities. Licensee agrees to pay such bills within thirty (30) days of the rendition thereof by Railroad. (18)

19. Licensee shall, at its sole cost and expense, upon request in writing from Railroad, promptly change the location of the Facilities, where located over, upon or in the property and facilities of Railroad, to another location, to permit and accommodate changes of grade or alignment and improvement in or additions to the facilities of Railroad upon land now or hereafter owned or used by Railroad with the intent that said construction shall at all times comply with the terms and conditions of this Agreement with respect to the original construction; or in the event of the lease, sale or disposal of the property or any part thereof encumbered by this Agreement, then Licensee shall make such adjustments or relocations in its Facilities as are over, upon or in the property and facilities of Railroad as may be required by Railroad or its grantee; and if Licensee shall fail or refuse to comply therewith, then the duly authorized agents of Railroad may make such repairs or adjustments or changes in location and provide

necessary materials therefor, at the sole cost and expense of Licensee. (19)

20. In the event that the Facilities consist of an underground occupation, Licensee will be responsible for any settlement caused to the roadbed, right-of-way and/or tracks, facilities, and appurtenances of Railroad arising from or as a result of the installation of the Facilities and Railroad shall have the right to repair, replace, restore or correct any such damage caused by said occupation at the sole cost and expense of Licensee. The provisions of this clause shall survive the expiration or other termination of this License. (20)

21. In the event the Facilities consist of electrical power or communication wires and/or appurtenances, Licensee shall at all times be obligated promptly to remedy any inductive interferences growing out of or resulting from the presence of the Facilities; and if Licensee should fail so to do, then Railroad has the right to do so, and Licensee agrees to pay to Railroad on demand the full cost and expense therefor. (21)

22. As part of the consideration for granting the License hereunder, Licensee covenants and agrees that no assessments, taxes or charges of any kind, general, special or otherwise shall be made against Railroad or its property by reason of the construction, existence, maintenance, or use of the Facilities, and Licensee further covenants and agrees to pay to Railroad promptly, upon bills rendered therefore, the full amount of any assessments, taxes and/or charges of any kind or nature which may be levied, charged, assessed or imposed against Railroad or its property by reason of the construction, existence, use, or maintenance of the Facilities. (22)

23. Licensee hereby designates Sadsbury Township, Chester County, c/o Township Secretary, P.O. Box 262, Sadsburyville, PA 19369; Telephone: 610-857-9503 its agent(s) for the service of any notice desired or required by this Agreement, and/or of process in any action growing out of, connected with, or based upon this Agreement, or the activities undertaken hereunder, and agrees that service upon one of the above named person(s) shall constitute due and proper service of any such notice or any such process. Any notification or service required or desired to be given to Railroad under this Agreement shall be sent, postage prepaid, by certified or registered mail to the address on page first hereof (but if Railroad has notified Licensee of a change of address by notice

given in accordance with this Article, then to such other address) to the attention of the Assistant Vice President Real Estate Development. (23)

24. The rights conferred hereby shall be the sole privilege of Licensee only, and no assignment, sub-licensing or transfer hereof shall be made, or other use be permitted than for the specific purpose stated on page first hereof without the consent and agreement in writing of Railroad being first had and obtained. (24)

25. This Agreement may be terminated at any time by either party by giving not less than thirty (30) days prior written notice to the other; and upon the expiration of the said thirty (30) days from date of mailing by certified or registered U.S. Mail, this Agreement and the permission and privilege hereby granted shall absolutely cease and terminate. (25)

Notwithstanding the foregoing, Railroad shall not terminate this Agreement pursuant to this Article unless required to do so for Railroad's corporate purposes, including without limitation development purposes. If Railroad should terminate this Agreement pursuant to this Article, it shall use reasonable efforts to provide a mutually acceptable alternative location for Licensee's Facilities. If no such alternative location is provided, then Railroad shall refund a prorated portion of the lump-sum payment as would be applicable to the unexpired period. (25.1)

Licensee shall not be entitled to any refund if Licensee terminates this Agreement. Licensee shall not be entitled to any refund if Railroad terminates this Agreement, except as otherwise provided in this Agreement. (25.2)

26. Upon termination of this Agreement or upon the removal or abandonment of the Facilities, all the rights, title and interest of Licensee hereunder shall cease, and this instrument shall thereupon become and be null and void, without any liability on the part of either party to the other party except where expressly provided to the contrary and any liability accrued prior thereto, and Licensee shall, with the prior written approval of the Railroad and at Licensee's sole cost and expense, remove or cause to be removed its Facilities and appurtenances from Railroad's property and right-of-way, and restore all property of Railroad to good condition and to the satisfaction of the Railroad. If Licensee fails or refuses to remove its Facilities and appurtenances under

the foregoing conditions, Railroad shall have the right to do so at the sole cost and expense of Licensee, and Railroad shall not be liable in any manner to Licensee for said removal.

Notwithstanding the foregoing, Licensee may, with prior written consent of Railroad, and in accordance with Railroad's then current standards and specifications, abandon the Facilities in their current location upon the expiration or other termination of this Agreement.

The provisions of this Article shall survive the expiration or other termination of this Agreement. (26)

27. Before Licensee may exercise the License granted herein, Licensee shall at its sole cost and expense procure, provide, and deliver to Railroad and thereafter maintain in effect during the term of this Agreement, general liability insurance covering all liabilities assumed by Licensee under this Agreement, without exception or restriction of any kind. Products-completed operations, independent contractors and contractual liability coverages are to be included, with all railroad exclusions deleted. Railroad is to be included as an **additional** insured and said insurance shall be in limits of not **less than** Two Million Dollars (\$2,000,000.00) combined single limit, bodily injury, death and/or property damage whether of Licensee, Railroad, or others, and shall contain a waiver of subrogation against Railroad, and said insurance shall be with such companies and in such form as shall be acceptable to Railroad. Said insurance shall be endorsed to provide that Railroad will be notified in writing by the insurance carrier at least thirty (30) days in advance of any cancellation or changes which modify the coverage provided thereunder. The providing of such insurance shall not be deemed a limitation on the liability of Licensee as provided in this Agreement, but shall be additional security therefor. In the event the term of this Agreement exceeds ten (10) years, Railroad reserves the right to modify the conditions/limits of said insurance listed in this Article, but Railroad may not exercise such right more than once in any ten (10) year period. (27)

28. The covenants, conditions and agreements contained in this Agreement shall bind and inure to the benefit of Licensee and Railroad and their respective heirs, distributors, executors, administrators, successors, and, except as otherwise provided in this Agreement, their assigns. (28)

29. The obligations of Railroad hereunder shall be subject to Force Majeure which shall include, but not be limited to labor disputes. (29)

30. No change or modification of any of the covenants, terms or provisions hereof shall be valid unless in writing and signed by the parties hereto.

There are no understandings or agreements of any kind between the parties hereto, verbal or otherwise, other than as set forth in this License.

All additions, changes or deletions herein were made prior to execution by either party, except that additions, changes or deletions made after execution by one party and before execution by the other shall be marginally initialed by both parties. (30)

31. This Agreement shall be construed according to the laws of the District of Columbia, without giving effect to choice of law or conflicts of law principles. (31)

32. The provisions of this Agreement are severable and it is the intention of the parties hereto that if this Agreement cannot take effect in its entirety because of the final judgment of any court of competent jurisdiction holding invalid any part or parts thereof, the remaining provisions of the Agreement shall be given full force and effect as completely as if the part or parts held invalid had not been included therein. (32)

33. It is understood and agreed between the parties hereto that execution of this Agreement by Licensee, and negotiation of any check or other negotiable instrument by Railroad, prior to the date of execution of this agreement by Railroad, shall in no way be deemed or construed by Licensee to be acceptance of this Agreement by Railroad. In the event that this Agreement is not executed by Railroad for any reason whatsoever, then and in that event the amount set forth in any such check or other negotiable instrument shall be refunded to Licensee within a reasonable period of time after written notification that this Agreement will not be executed by Railroad; provided, however, that the payment by Licensee of a preparation fee, if any, to Railroad shall be nonrefundable and made as full payment for the Railroad's preparation of this document without regard to whether or not same is ever executed. (33)

34. In connection with the construction, repair, alteration, renewal, demolition, relocation, or maintenance of the Facilities, Licencee, its contractors and subcontractors, shall carry insurance as follows:

The contractor shall procure and maintain, at its own cost and expense, during the entire period of performance of the construction or maintenance of the Facilities, the types of insurance specified below. The contractor shall submit a certificate of insurance giving evidence of the required coverage's, prior to commencing work. All insurance shall be procured from insurers authorized to do business in the jurisdiction where operations are to be performed. The contractor shall require all subcontractors to carry the insurance required herein, and contractor may, at its option, provide the coverage for any or all subcontractors, and if so, the evidence of insurance submitted shall so stipulate. In no event shall work be performed until the required certificate(s) of insurance have been furnished. If the insurance provided is not in compliance with the requirements listed below, Railroad maintains the right to stop work until proper evidence is provided. The insurance shall provide that 30 days prior written notice be given to Railroad in the event coverage is substantially changed, canceled or non-renewed.

- A. WORKERS' COMPENSATION INSURANCE complying with the requirements of the statutes of the jurisdiction(s) in which the construction or maintenance of the Facilities are to be performed, covering all employees of the contractor. Employer's Liability coverage with limits of not less than One Million Dollars (\$1,000,000.00) each accident or illness shall be included.

In the event the work is to be performed on or over navigable waterways, Longshore and Harbor Workers Compensation Act Endorsement and Maritime Coverage Endorsements are to be added including coverage for wages, transportation, maintenance and cure.

- B. COMMERCIAL GENERAL LIABILITY INSURANCE covering the liability imposed upon the contractor with respect to all work to be performed and all obligations assumed by the contractor under the terms of this contract. Products-completed operations, independent contractors and contractual liability

coverage's are to be included with the contractual exclusion related to the construction/demolition activity within fifty (50) feet of the railroad, X-C-U and Y2K exclusions deleted.

Railroad is to be named as an additional insured with respect to the operations to be performed. Coverage under this policy, or policies, shall have limits of liability of not less than Two Million Dollars (\$2,000,000.00) per occurrence, combined single limit for bodily injury (including disease or death), personal injury and property damage (including loss of use) liability.

- C. AUTOMOBILE LIABILITY INSURANCE covering the liability of the contractor arising out of the use of ANY VEHICLES which bear, or are required to bear, license plates according to the laws of the jurisdiction in which they are to be operated, and which are not covered under the contractor's Commercial General Liability Insurance. The policy shall name Railroad as an additional insured with respect to the operations to be performed. Coverage under this policy shall have limits of liability of not less than One Million Dollars (\$1,000,000.00) per occurrence, combined single limit, for bodily injury, and property damage liability.

- D. RAILROAD PROTECTIVE LIABILITY INSURANCE shall be provided by the contractor, with respect to the construction of the Facilities by the contractor or any subcontractor. The (ISO) Occurrence Form, in the name of the Railroad, shall have limits of liability of not less than Two Million Dollars (\$2,000,000.00) per occurrence, combined single limit, for Coverage's A and B, for losses arising out of injury to or death of all persons, and for physical loss or damage to or death of all persons, and for physical loss or damage to or destruction of property, including the loss of use thereof and a Six Million Dollar (\$6,000,000.00) annual aggregate. Additionally, Endorsement CG 28 31 - Pollution Exclusion Amendment, is required to be endorsed onto the policy.

Further, A Physical Damage to Property as defined in the policy is to be deleted and replaced by endorsement with the following:

It is agreed that A Physical Damage to Property means direct and accidental loss of or damage to all railroad property.

THE ORIGINAL RAILROAD PROTECTIVE LIABILITY INSURANCE POLICY IS TO BE SUBMITTED TO RAILROAD PRIOR TO COMMENCEMENT OF WORK.

- E. ALL RISK PROPERTY INSURANCE covering physical loss or damage to all contractors' property used in the construction of the Facilities. The policy shall have limits of liability adequate to cover property of the contractor (including personal property of others in contractor's care, custody or control) and include a waiver of subrogation against Railroad.

- F. ENVIRONMENTAL IMPAIRMENT/CONTRACTOR'S POLLUTION LIABILITY INSURANCE covering the liability of the contractor arising out of the pollution or impairment of the environment, including clean-up costs, caused by the performance of the activity in connection with the Facilities. Railroad shall be named as an additional insured with respect to the operations to be performed, and the policy shall contain a waiver of subrogation against Railroad, its employees and agents. Coverage under this policy (or policies) shall have limits of liability of not less than Five Million Dollars (\$5,000,000.00). Contractor is permitted to cover the pollution liability exposure in the Commercial General Liability Insurance required above provided the coverage are specifically listed on the Certificate of Insurance that is provided.

- G. CLAIMS-MADE INSURANCE. If the insurance specified above is provided on a claims-made form, such policy shall provide:
 - 1. Policy retroactive date coincides with or precedes the contractor's start of work

(including subsequent policies purchased as renewals or replacements).

2. Contractor will make every effort to maintain similar insurance for at least three (3) years following project completion, including the requirement of naming Railroad as an additional insured.
3. If insurance is terminated for any reason, contractor agrees to purchase an extended reporting provision of at least three years to report claims arising from work that is being performed.
4. Policy allows for reporting of circumstances or incidents that might give rise to future claims.

All insurance specified above shall remain in force until all work to be performed is satisfactorily completed, all contractor personnel and equipment have been removed from Railroad's property, and the work has been formally accepted by Railroad.

The contractor shall furnish to Railroad's Engineering Department the original of the policy for Railroad Protection Liability Insurance and a Certificate of Insurance for all other coverages, fifteen (15) days prior to commencing work. The fifteen (15) day advance notice of coverage may be waived in situations where such waiver will benefit Railroad, but under no circumstances will the contractor be permitted to work on Railroad's property until evidence of all insurance requirements has been provided to Railroad. Evidence of insurance coverage shall be provided to:

National Railroad Passenger Corporation
Director Project Initiation and Development
30th Street Station - Box #64
Philadelphia, Pennsylvania 19104

Work may not proceed on Railroad's property until all insurance requirements have been met to the satisfaction of Railroad's Chief Engineer, or his duly authorized representative.

Except for Railroad Protective Liability Insurance, which is mandatory, the Licensee may be permitted to self-insure its obligation under this Article, in lieu of procuring and maintaining the other above-mentioned insurance policies, provided the Licensee notifies Railroad of its intention to do so and receives written approval from Railroad. Permission to self-insure under this Article shall not extend to any contractor and subcontractor of Licensee. (34)

35. Licensee agrees that the terms, conditions and provisions of this Agreement constitute confidential and proprietary information regarding Railroad and agrees not to disclose any term, condition or provision of this Agreement without the prior written consent of Railroad or by order of a court of competent jurisdiction. (35)

36. This Agreement does not and shall not be deemed to (i) constitute a lease or a conveyance of personal or real property by Railroad to Licensee or (ii) confer upon Licensee any right, title, estate or interest in the real property on which the Facilities are located. This Agreement grants to Licensee only a personal privilege revocable by Railroad on the terms set forth herein. (36)

IN WITNESS WHEREOF, the said parties hereto have caused this Agreement to be duly executed and delivered as of the day and year first above written.

WITNESS

NATIONAL RAILROAD PASSENGER CORPORATION

Harry Edwards

B. Looloian

By: Bruce Looloian
Title: Assistant Vice President
Real Estate Development

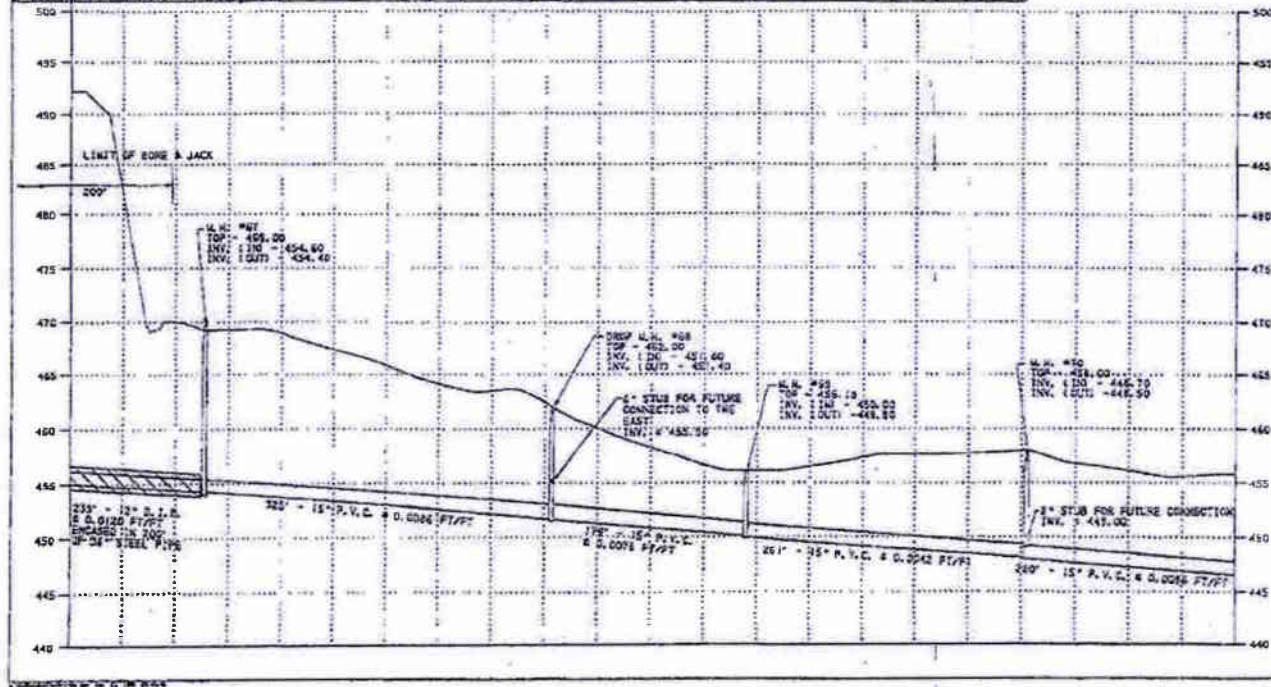
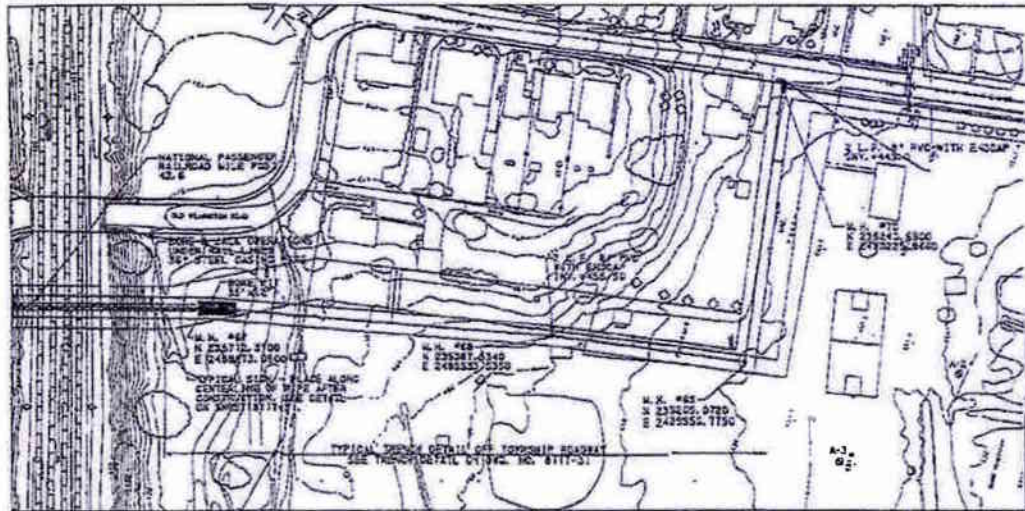
WITNESS

TOWNSHIP OF SADBURY

Stephanie Silvernail

By: Stephanie Silvernail
Title: Chairman of the
Board of Supervisors

EXHIBIT A



NOTES

- MANHOLES LOCATED ALONG THE STREAM SHALL BE ELEVATED 1' ABOVE EXISTING GRADE.
- CLEARING AND GRUBBING LIMITS SHALL NOT BE EXCEEDED BEYOND THE TEMPORARY AND/OR CONSTRUCTION EASEMENT.

- LEGEND**
- - EXISTING PIPES
 - - EXISTING GAS LINE
 - - EXISTING WATER LINE
 - - EXISTING SEWER LINE
 - - EXISTING ELECTRIC LINE
 - - PROPOSED PIPES
 - ▨ - BORE AND JACK AREA
 - - - - - FLOOD PLAIN BOUNDARY (100 YEAR)
 - - - - - SETBACK
 - ⊙ - SOL. BRAND

CALL BEFORE YOU DIG

FOR INFORMATION LAW REQUIREMENTS
FOR WORKING SLIPS NOTICES FOR
POWER/UTILITY LINES AND TO REPORT
DAMAGE TO UTILITY SERVICE - 876-0274

PAI
1-800-845-8774

FOR SMALL BUSINESS
8760274



NO.	DATE	BY	DESCRIPTION
1	12/10/28	ALD	ISSUED FOR PERMITS
2	12/10/28	ALD	FOR 1" DIA. TO 48" DIA.
3	12/10/28	ALD	FOR 18" DIA. TO 48" DIA.
4	12/10/28	ALD	FOR 30" DIA. TO 48" DIA.
5	12/10/28	ALD	FOR 42" DIA. TO 48" DIA.
6	12/10/28	ALD	FOR 48" DIA. TO 48" DIA.

alfred DeBorsh & Company
CONSULTING ENGINEERS
100 N. MARKET ST. 15TH FL.
PHILADELPHIA, PA. 19102

SADSURY SEWER CORPORATION
SANITARY SEWAGE FACILITIES
SADSURY TOWNSHIP,
CHESTER COUNTY, PENNSYLVANIA

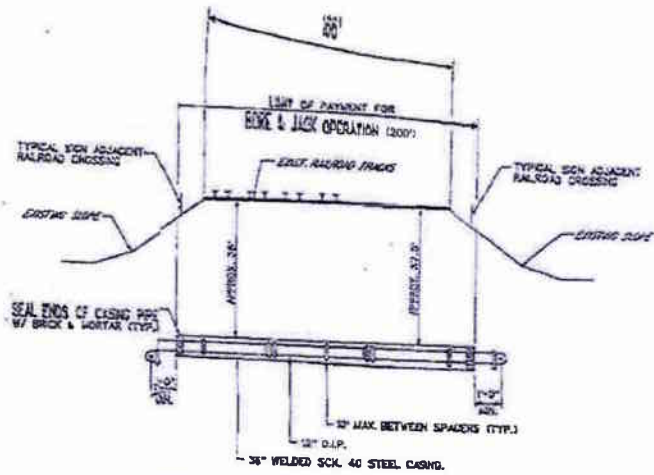
PLAN / PROFILE

DWG. NO. 8117-019

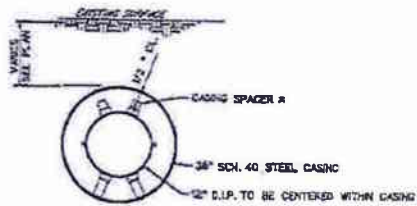
Drawn: HAD
Checked: JPB
Date: 12/10/28

Design: JPB
Checked: JPB
Date: 12/10/28

EXHIBIT "A"



TYP. BORING & JACKING PROFILE FOR RAILROAD CROSSING
N.T.S.



TYP. BORING & JACKING SECTION DETAIL FOR RAILROAD CROSSING **
N.T.S.

* CASING SPACER AS MANUFACTURED BY
D. SCOTT WATERWORKS MANUFACTURING CO.,
OR AN APPROVED EQUAL.

** AUGER STOPS MUST BE UTILIZED ON THE
BORING OPERATION AS PER AUSTRIAN SPECIFICATIONS
AND TECHNICAL SPECIFICATIONS SECTION 10000-
REQUIREMENTS FOR RAILROAD OCCUPANCY.

RAILROAD CROSSING PIPE DATA		
ITEM	CASING PIPE	CASING PIPE
INVENTS TO BE HANDLED	SEWER	
NORMAL OPERATING PRESSURE	N/A-GRAVITY COLLECTION SYSTEM	
NORMAL SIZE OF PIPE	36"	36"
OUTSIDE DIAMETER	33.20"	36"
INSIDE DIAMETER	32.48"	34.5"
WALL THICKNESS	0.37"	0.750"
WEIGHT PER FOOT	34.8 LB	182.35 LB
MATERIAL	DUCTILE IRON	STEEL
PROCESS OF MANUFACTURE/ SPECIFICATION	ANSI/AWWA C155	ASTM A53 GRADE B
GRADE OR CLASS	THICKNESS CLASS 52	SCHEDULE 40
TEST PRESSURE	300 PSI	3600 PSI
TYPE OF JOINT	MECHANICAL JOINT	WELDED
TYPE OF COATING	ASPHALTIC	N/A
DETAILS OF CASING PROTECTION	SPECIAL THICKNESS	
DETAILS OF SEAL OR PROTECTION AT ENDS OF CASING	CONTINUOUS	BLOCK AND MORTAR
METHOD OF INSTALLATION	BORE AND JACK	
CHARACTER OF SUBSURFACE MATERIAL AT THE CROSSING LOCATION	DARK BROWN SILTY TOPSOIL, BROWN SANDY SOIL WITH TRACES OF CLAY AND ROCK	
APPROXIMATE GROUND WATER LEVEL	10'	7'
SOURCE OF INFORMATION ON SUBSURFACE CONDITIONS (BORINGS, TEST PITS, OR OTHER)	AUGER BORING AT A NEAR BY LOCATION	

TYP. RAILROAD CROSSING PIPE DATA SHEET

Sadsbury Township
P.O. Box 261
Sadsburyville, Pa. 19389

Sanitary Sewer Line
Buried XX L.F. below

In case of accidental
pipe rupture contact
Sadsbury Township at:
810-857-9503 and/or 911

RR File No. 37-05-562

TYP. SIGN ADJACENT RAILROAD CROSSING

CALL BEFORE YOU DIG
PENNSYLVANIA LAW ENFORCEMENT
& WORKING CLASS UNIONS FOR
CONSTRUCTION PERMITS & WORKING
CLASS OF DESIGN ENGINEERS - P.E. CALL
PA 1 760-274
1-800-442-9776

REVISED CASING PIPE DATA

alfred bonach & company
CONSULTING ENGINEERS
2000 W. MARKET STREET, SUITE 100
PHILADELPHIA, PA 19102

**SADSBURY SEWER CORPORATION
SANITARY SEWAGE FACILITIES**
SADSBURY TOWNSHIP,
CHESTER COUNTY, PENNSYLVANIA

RAILROAD CROSSING DETAILS

DWG. NO. 8117-33

Drawn: G.S.H.	Checked: J.P.	Date: NOTED
Superv: J.A.S.	Checked: J.P.	Date: 12/10/28

APPENDIX E
AMTRAK LICENSE AGREEMENT
PHASE 3B SEWER EXTENSION

SADSBURY TOWNSHIP
CHESTER COUNTY, PA

SANITARY SEWER SYSTEM

ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)

JANUARY 30, 2017

**NATIONAL RAILROAD PASSENGER CORPORATION
LICENSE AGREEMENT**

THIS LICENSE AGREEMENT (the "Agreement") made this _____ day of _____ 2008, between the NATIONAL RAILROAD PASSENGER CORPORATION, a corporation of the District of Columbia, with offices at 30th and Market Streets, Philadelphia, PA. 19104, party of the first part (hereinafter called "Railroad"), and SADSBUY TOWNSHIP, a municipal subdivision of the Commonwealth of Pennsylvania with offices at P. O. box 261, Sadsburyville, PA 19369, as party of the second part (hereinafter called "Licensee").

WITNESSETH, that the Railroad (which when used herein shall include any lessor, lessee, successor or assignee of or operator of its railroad) insofar as it has the legal right and its present title permits, and in consideration of the covenants and conditions hereinafter stated on the part of the Licensee to be kept and performed, hereby grants to Licensee, and Licensee only (except as otherwise herein provided), a temporary license (the "License") to construct, maintain, repair, alter, renew, relocate and ultimately remove the following facilities (the "Facilities"):

- A. DESCRIPTION OF THE FACILITIES: Installation of 270 L.F. of 8-inch SDR-35 P.V.C. sewer main; 40 L.F. of 6-inch SDR-35 P.V.C. sewer laterals; 75 L.F. of 8-inch D.I.P. sewer main; 2 pre-cast concrete manholes

- B. PURPOSE: To provide sanitary sewer collection lines.

- C. LOCATION:
 - (1) Milepost: 42.30 ±
 - (2) Town: Sadsbury Township
 - (3) County: Chester
 - (4) State: Pennsylvania

All as delineated and in strict accordance with plans "SADSBUY SEWER EXTENSION FOR OLD WILMINGTON ROAD AND NORTH STREET FOR SADSBUY TOWNSHIP" dated February 28, 2008, submitted by Licensee to and approved as to concept by the Chief Engineer of the Railroad, marked "Exhibit A", attached hereto and made a part hereof, and also in strict compliance with current issues of Railroad's Engineering Practices No. EP3005 - PIPELINE OCCUPANCY SPECIFICATION 02081A and/or Railroad's Specification No. C.E.4 - SPECIFICATIONS FOR WIRE, CONDUIT AND CABLE OCCUPATIONS all as applicable to the herein described work and incorporated herein by

reference; said License, however, shall be under and subject to the following terms, covenants, and conditions as hereinafter recited, which are hereby accepted and agreed to, by the Licensee, to wit:
(0.1)

1. [THIS SECTION 1 TO BE USED FOR LUMP SUM AGREEMENTS] This Agreement shall commence on the #### day of ##### 2008 and terminate on the #### day of ##### 20##, or before as hereinafter provided according to the terms, conditions and covenants herein contained. (1)

[THIS SECTION 1.1 TO BE USED FOR ANNUAL AGREEMENTS] This Agreement shall commence on the #### day of ##### 2008, and shall continue until terminated by either party by a written notice as stipulated in Article 25. (1.1)

2. [THIS SECTION 2 TO BE USED FOR LUMP SUM AGREEMENTS] Licensee shall pay to the Railroad upon the execution hereof, the sum of Five Hundred Dollars (\$500.00) as reimbursement for the costs and expenses incident to the preparation of this Agreement, together with the further sum of ##### (\$#####) as lump sum compensation ("License Fee"), for the rights granted in this Agreement for the ##### (####) year term, which sum shall be payable in advance, upon execution of this Agreement.

Notwithstanding the foregoing, payment of any additional charges and sums, other than as compensation for Licensee's occupancy, as hereinafter set forth shall be mailed to 23615 Network Place - Group 5, Chicago, IL 60673-1236, or at such other place as Railroad may from time to time designate. (2.1)

2A. [THIS SECTION 2A TO BE USED FOR ANNUAL AGREEMENTS] Licensee shall pay to the Railroad upon the execution hereof, the sum of Five Hundred Dollars (\$500.00) as reimbursement for the cost and expenses incident to the preparation of this Agreement, together with the further sum of Two Thousand One Hundred Fifty Dollars (\$2,150.00) per year as annual compensation ("License fee"), for the rights granted in this Agreement, which sum shall be payable ANNUALLY in advance, without previous demand, commencing as of #####, 2008. Payments, including any additional charges and sums as hereinafter set forth, shall be mailed to 23615 Network Place - Group 5, Chicago, IL 60673-1236, or at such other place as Railroad may from time to time designate. The annual License Fee shall be adjusted in accordance with Article 2B hereof. (2A)

2B. [THIS SECTION 2B TO BE USED FOR ANNUAL AGREEMENTS] The

License Fee shall be adjusted annually in accordance with the following provisions:

(1) "Index" will mean the "Consumer Price Index For All Urban Consumers - (CPI-U)" all items, (Base year 1982-84=100) as issued by the Bureau of Labor Statistics of the U.S. Department of Labor with respect to the U.S. city average;

(2) The Index for the third month prior to the date of Commencement (or Commencement Date) of this Agreement will be designated the Base Index;

(3) After the end of the first License Year and every License Year thereafter, the License Fee will be adjusted so that the ratio of the Index for the third month prior to the beginning date of each License Year to the adjusted Rent will be the same as the ratio of the Base Index to the Rent in the first License Year;

(4) No such adjustment will reduce the Rent below the Rent of the immediately preceding year;

(5) There will be an adjustment in accordance with this Article for the partial License Year, if any, in which this Agreement terminates, except that the Index referred to in Paragraph (3) above will be the Index for the month following termination of this Agreement (or Termination Date), and except that such adjustment will be retroactive only to the commencement of the License Year in which this Agreement terminates.

If Railroad is entitled to an increase of the License Fee in accordance with the above provisions, Railroad will send a notice to Licensee setting forth the new License Fee. Any delay of Railroad in sending such notice shall not constitute a waiver of or in any way impair the continuing obligation of Licensee to pay such License Fee increases. In the event of an increase in the License Fee applicable to the License Year in which this Agreement terminates, the Licensee will pay to the Railroad any Additional License Fee owed for the months elapsed in such License Year within thirty (30) days after such notice.

If the Index hereinabove referred to ceases to incorporate a significant number of the items or if a substantial change is made in the method of establishing such Index, then the Index will be adjusted to the figure that would have resulted had no change occurred in the manner of computing such Index; or in event that such Index (or successor or substitute index) is not available, a reliable government or other nonpartisan publication evaluating the information theretofore used in determining the

Index will be used in lieu of such Index. (2B)

3. Licensee will pay when due the License Fee and any additional payments provided for hereunder, without any setoff or deduction whatsoever (except as provided for hereunder). Any payment or receipt by Railroad or its agent of an amount less than the full amount to which Railroad is entitled shall not operate or be deemed to operate, constitute or be construed, as a settlement or satisfaction of said License Fees or other amounts due, notwithstanding any statement or endorsement on the check or other paper accompanying the payment, but Railroad shall be deemed to have accepted said payment without prejudice and subject to its right to collect the balance actually due, as well as subject to any and all other rights available to Railroad by law and under this Agreement.

If: (i) a default shall occur with respect to Licensee's covenants herein to pay the License Fee or additional payments on any due date as described herein; or (ii) default shall occur with respect to any other covenants and agreements of Licensee herein contained, and if any such default shall not be cured within thirty (30) days after Licensee has been given written notice by Railroad to do so, or (iii) Licensee shall file or suffer to be filed against it a petition in bankruptcy, or (iv) Licensee shall be declared insolvent according to law, or if a receiver or trustee be appointed for the property of Licensee, or (v) Licensee shall make any general assignment for the benefit of creditors, or any bulk sale however denominated, or (vi) Licensee shall assign, sublet or sub-license its rights, duties or obligations hereunder without first obtaining the prior written consent of Railroad, then, in any of such cases, Railroad may by written notice to Licensee immediately declare this Agreement terminated, and in such event, in addition to any other action or remedy which Railroad may have at law or in equity by reason of a breach by Licensee of any provision of this Agreement, Railroad, acting as attorney in fact for Licensee, shall have the right, but not the obligation, to remove Licensee's FACILITIES by summary proceedings, without being liable to any prosecution, action or damages therefore, and have and enjoy the Railroad's property as of its former estate free, clear and discharged of the License provided for herein and of all rights of Licensee hereunder; and all FACILITIES owned or placed upon the Railroad's property by or for Licensee hereunder, shall be filled and abandoned in place or removed by Railroad at the sole cost and expense of Licensee, which cost and expense Licensee shall pay to Railroad upon demand; and Licensee also shall pay to Railroad upon demand all fees and expenses, including reasonable attorney and/or collection agency fees, incurred in connection with the aforesaid actions.

The receipt by or on behalf of Railroad of the License Fee or additional payments, with or without knowledge of any breach of any of the terms, covenants or conditions of this Agreement, shall not be deemed a waiver of such breach, nor shall such receipt be deemed a withdrawal of any notice given to Licensee under the terms of this Agreement, nor shall such receipt be deemed a reinstatement or reestablishment of this Agreement or any portion thereof after termination or cancellation, nor shall the termination or other cancellation of this Agreement or any portion thereof waive the obligation of Licensee to pay or discharge the License Fee, additional payments or other obligations accruing under this Agreement.

Licensee hereby waives and relinquishes unto and in favor of Railroad the operation of all laws which do now or hereafter may exempt any FACILITIES on Railroad's property from levy and sale upon distress for rent or upon execution of any judgment obtained in an action brought for nonpayment of the License Fee or additional payments hereunder or for breach of any other provisions hereof. The parties hereto shall and do hereby waive trial by jury in any action, proceeding or counterclaim brought by either party against the other on any matter whatsoever arising out of or in any way connected with this Agreement or Licensee's use of the FACILITIES and occupancy of Railroad's property or arising out of or in any way connected with any claim of injury or damage arising out of or in connection with this Agreement or such use or occupancy. Licensee hereby expressly waives any and all rights of redemption granted by or under any present or future laws in the event of Licensee's being dispossessed for any cause or in the event of Railroad's obtaining possession or for removal of the FACILITIES by reason of the violation by Licensee of any of the covenants and conditions of this Agreement or otherwise.

Railroad shall have the right to require that payment of the License Fee and any additional payments be made in cash, money order or certified check. A service charge of Ten Dollars (\$10.00) will be charged for each instance in which a check is returned unpaid by the Licensee's bank for any reason.

If Licensee does not pay the License Fee or any additional payments hereunder on the day when the same shall become due and payable and such failure to pay continues for a period of thirty (30) days, Licensee shall pay to Railroad a service charge at the rate of twelve percent (12%) per annum or the highest rate allowed by law, which ever is the lesser, of the unpaid amount while such amount remains unpaid; provided, however, that such service charge shall in no event be less than Fifty Dollars

(\$50.00) for any year or portion of a year during which such amount remains unpaid. Railroad reserves the right to institute legal proceedings and/or collection agency action for the payment of the license fee, and any legal and collection fees incurred shall be the responsibility of the Licensee; and immediate payment thereof shall be made to Railroad by Licensee upon written notice. The provision of this paragraph shall not preclude Railroad from exercising its options as set forth in any other Article of this Agreement.

The actions and remedies provided in this Agreement in the event of default shall not be deemed exclusive but shall be in addition to all other actions and remedies at law or in equity in event of any such default; and no action or remedy taken or omitted by Railroad in event of default shall be deemed a waiver of such default, and waiver of a particular default shall not be deemed a waiver of any other default or a waiver of the same default again occurring, nor shall any failure on the part of Railroad to compel a fulfillment of any one or more of the covenants, terms and conditions herein contained be held to be a waiver of its right to enforce the same at any time thereafter during the term of this Agreement. (3)

4. The FACILITIES shall be located, constructed and maintained in exact accordance with the construction plans and shall be utilized solely for the purpose as outlined on Page 1 hereof. No departure that would result in a modification, change, amendment or sub-licensing of this Agreement or the License hereunder shall be made at any time therefrom except upon permission in writing granted by the Assistant Vice President Real Estate Development of Railroad, or his or her designee, provided, however, that if any commission or other regulatory body duly constituted and appointed in compliance with the laws of the state in which the crossing or occupancy herein provided is situate, and having jurisdiction over the property, has by final ruling or order determined and fixed the manner and means of construction, maintenance, repair, alteration, renewal, relocation or removal thereof, then said final ruling or order shall prevail for the crossing or occupancy herein mentioned. The work of constructing, maintaining, repairing, altering, renewing, relocating or removing the said FACILITIES shall be done under such general conditions as will be satisfactory to and approved by the Chief Engineer of Railroad, or his or her designee, and as will not interfere with the proper and safe use, operation and enjoyment of the property of the Railroad. Licensee shall cause all contractors performing work in connection with the FACILITIES to obtain from Railroad and execute, prior to their entry upon Railroad property, all engineering agreements required by Railroad, including, without

limitation, Railroad's then-current version of its temporary permit to enter and force account agreements. Licensee, at its own cost and expense, shall, when performing any work in connection with the FACILITIES, furnish any necessary watchmen to see that Licensee's employees, contractors, invitees, agents, servants, equipment and materials are kept a safe distance away from the tracks of the Railroad. Any notification required or desired to be given to Railroad's Chief Engineer shall be sent to the address on the first page hereof to the attention of the Chief Engineer. (4)

5. FACILITIES conveying gas (natural or artificial), oil, gasoline or other flammable matter shall not be installed or relocated under bridges or culverts, unless specifically provided for in this Agreement. No FACILITIES shall be installed or relocated under bridges or culverts where there is likelihood of restricting the area required for the purposes for which the bridges or culverts were built, or of endangering foundations of structures. (5)

6. No attachment of wires, cables, pipe lines, and appurtenances shall be made to any bridge (or its supports) of the Railroad unless specifically provided for in this Agreement, and then only in accordance with the Railroad's plans and specifications. No poles, towers, anchors or supports of any kind for the wires, cables, and appurtenances of the FACILITIES shall be located on the right-of-way or property of the Railroad unless specifically provided for in this Agreement. An additional charge determined by Railroad at its sole discretion will be assessed against Licensee for knowingly permitting such other uses without Railroad's written permission. (6)

7. In addition to, but not in limitation of any of the foregoing provisions, if at any time the Railroad should deem flagmen or watchmen desirable or necessary to protect its operations or property, or its employees, patrons or licensees during the work of construction, maintenance, repair, alteration, renewal, relocation or removal of said FACILITIES of Licensee, the Railroad shall have the right to place such flagmen or watchmen at the sole risk, cost and expense of Licensee, who covenants and agrees to bear the full risk, cost and expense thereof and to reimburse promptly the Railroad upon demand. The furnishing or failure to furnish flagmen or watchmen by the Railroad, however shall not release the Licensee from any and all other liabilities assumed by the Licensee under the terms of this Agreement. (7)

8. The Licensee shall at all times be obligated promptly to maintain, repair and renew said FACILITIES; and shall, upon notice in writing from Railroad requiring it so to do, promptly make such

repairs and renewals thereto as may be required by Railroad. For the purpose of protecting and safeguarding its property, traffic, patrons or employees from damage or injury, Railroad may, but shall not be obligated to, with or without notice to the Licensee at any time make such repairs and renewals thereto and furnish such material therefore as it deems adequate and necessary, all at the sole cost and expense of Licensee. (8)

Provided, however, that Railroad shall, except in case of emergency, use reasonable efforts to provide Licensee at least forty-eight (48) hours notice prior to commencement of work. (8.1)

9. In the event of an emergency, Licensee will take immediate steps to perform any necessary repairs, and in the event Licensee fails so to do, Railroad will perform said necessary repairs at the sole cost and expense of Licensee. (9)

10. In consideration of the rights granted hereunder to Licensee by Railroad, Licensee hereby agrees that as to any structure placed upon Railroad's property or any structure presently existing, which structure is subject to renovation, repairs and subsequent use by Licensee, such structure shall be continuously maintained by Licensee from and after the effective date of this Agreement. All costs of maintenance, repair and upkeep shall be borne by Licensee. Licensee shall be liable for and does indemnify and agree to hold Railroad harmless from any and all risks of liability for injuries to or death of persons or damage to or destruction of property resulting from said use, maintenance, repair and/or upkeep or lack thereof of said structure without regard to negligence. (10)

11. If the Licensee desires or is required, as herein provided, to revise, renew, add to or alter in any manner whatsoever the FACILITIES, it shall submit plans and specifications to Railroad and obtain the written approval thereof by the Chief Engineer of Railroad before any work or alteration of the structure is performed and the terms and conditions of this Agreement with respect to the original construction shall apply thereto. Railroad reserves the right to make adjustments in the annual or total compensation or assess additional charges upon any such revision, renewal, addition or alteration. An additional charge determined by Railroad in its sole discretion will be assessed against Licensee for unauthorized uses under this License Agreement. (11)

12. The Railroad shall have the right to verify by inspection that the location of the work and the materials used in construction, maintenance, repair, alteration, renewal and removal of the FACILITIES are in compliance with the plans and

specifications. The right to verify the location of the construction work and inspect the FACILITIES from time to time thereafter by Railroad, shall extend for an appropriate distance on each side of the property of the Railroad as the method of construction and materials used may have an important bearing upon the strength and stability of the FACILITIES over, under, upon, or in the property of the Railroad. (12)

13. Licensee shall comply with all federal, state, local and municipal statutes, laws, orders, ordinances, rules and regulations now or hereafter enacted and shall assume all costs, expenses and responsibility in connection therewith, without any liability whatsoever on the part of Railroad. To the extent applicable, Licensee shall notify the Public Utility Commission or other similar public utility agency or commission in those states or jurisdictions requiring notice regarding installation of fiber optic cables at or near public crossings. Licensee shall assume all liability and costs arising out of such failure to notify the proper agency/commission. (13)

14. It is understood between the parties hereto that the operations of the Railroad at or near said FACILITIES involve some risk, and Licensee, as part of the consideration for the License, hereby releases and waives any right to ask for or demand damages for or on account of loss of or injury to the FACILITIES (and contents thereof) of the Licensee and/or employees, agents, servants, contractors and invitees of the Licensee that are over, under, upon or in the property and facilities (of the Railroad) including the loss of or interference with service or use thereof and without respect to the fault, failure or negligence of the Railroad, its employees, agents, servants, contractors, invitees or otherwise. (14)

15. Licensee covenants and agrees to and shall at all times indemnify, protect, defend and save harmless Railroad from and against any and all losses, damages, detriments, liabilities, suits, claims, demands, judgments, costs, interest and expenses (collectively "losses and damages") which Railroad may directly or indirectly suffer, sustain or be subjected to by reason of, on account of, or arising out of a) the construction, placement, attachment, presence, use, misuse, maintenance, repair, alteration, renewal, relocation, failure, or removal of the FACILITIES, or b) the violation of, or compliance or noncompliance with, any Environmental Law relating in any way to the FACILITIES or the construction, placement, attachment, presence, use, misuse, maintenance, repair, alteration, renewal, relocation, failure, or removal thereof, including any disposal, discharge, or release of any wastes, pollutants, or hazardous substances from or in

connection with the FACILITIES or the construction, placement, attachment, presence, use, misuse, maintenance, repair, alteration, renewal, relocation, failure, or removal thereof; whether such losses and damages be suffered or sustained by Railroad directly or by its employees, agents, servants, contractors, officers, or licensees, or by any other person or entity, including Licensee, who may seek to hold Railroad liable therefore, and whether attributable to the fault, failure, or negligence of Railroad, its employees, agents, servants, contractors, officers, licensees, or any other person acting for or on Railroad's behalf.

It is further agreed that in the event Railroad shall, at its option, make any expenditures or incur any obligations for the payment of money in connection with this Article including, but not limited to, attorneys' fees in instituting, prosecuting or defending any action or proceeding, such sums paid, obligations incurred and costs, all with interest at the rate of twelve percent (12%) per annum or the highest rate allowable by law, whichever is the lesser, shall be deemed to be additional compensation due hereunder and shall be paid by Licensee to Railroad within five (5) days of the rendering of a bill or statement to Licensee therefore.

For the purpose of this Article, "Environmental Law" shall mean all laws, statutes, codes, acts, ordinances, orders, judgments, decrees, injunctions, rules, regulations, permits, licenses, authorizations, directions and requirements of all governments, departments, commissions, boards, bureaus, courts, authorities, agencies, officials and officers, relating in any manner or way to the control and/or abatement of environmental pollution and environmental hazards, which now or at any time hereafter may be applicable, or claimed to be applicable, whether or not the claim is or is determined to be well founded.

The provisions of this Article shall survive the expiration or other termination of this Agreement. (15)

16. If a claim or action is made or brought against either party, such party shall notify and permit the other party to participate in the handling or defense of such matter, if such other party may be responsible hereunder, in whole or in part. (16)

17. Prior to any entry for any purpose provided for in this License, Licensee shall provide to Railroad the name or names of the agents or employees to be present physically at the FACILITIES and responsible for any work in process or liability therefore. Said notice shall be in writing, to the Chief Engineer of Railroad, delivered at least twenty-one (21) days prior to entry. (17)

18. All costs and expenses in connection with the construction, maintenance, repair, alteration, renewal, relocation, and removal of the FACILITIES shall be borne by Licensee, and in the event of work being performed or materials furnished by Railroad under the stipulated right to perform such work of construction, maintenance, repair, alteration, renewal, relocation, or removal under any Article hereof, Licensee agrees to pay to Railroad the actual cost of materials plus the current applicable overhead percentages for storage, handling, transportation, purchasing and other related material, management expenses and the actual cost of labor plus the current applicable overhead percentages as developed and published by the accounting department of Railroad for fringe benefits, payroll taxes, administration, supervision, use of tools, machinery and other equipment, supplies, employers' liability insurance, public liability insurance, and other insurance, taxes and all other direct expenses. The aforementioned material and labor overhead charges are to be applied at the rates which are effective at the time of the performance of any work by employees of Railroad on the FACILITIES. Licensee agrees to pay such bills within thirty (30) days of the rendition thereof by Railroad. (18)

19. Licensee shall, at its sole cost and expense, upon request in writing from Railroad, promptly change the location of the FACILITIES, where located over, upon or in the property and facilities of Railroad, to another location, to permit and accommodate changes of grade or alignment and improvement in or additions to the facilities of Railroad upon land now or hereafter owned or used by Railroad with the intent that said construction shall at all times comply with the terms and conditions of this Agreement with respect to the original construction; or in the event of the lease, sale or disposal of the property or any part thereof encumbered by this Agreement, then Licensee shall make such adjustments or relocations in its FACILITIES as are over, upon or in the property and facilities of Railroad as may be required by Railroad or its grantee; and if Licensee shall fail or refuse to comply therewith, then the duly authorized agents of Railroad may make such repairs or adjustments or changes in location and provide necessary materials therefore, at the sole cost and expense of Licensee. (19)

20. In the event that the FACILITIES consist of an underground occupation, Licensee will be responsible for any settlement caused to the roadbed, right-of-way and/or tracks, facilities, and appurtenances of Railroad arising from or as a result of the installation of the FACILITIES and Railroad shall have the right to repair, replace, restore or correct any such

damage caused by said occupation at the sole cost and expense of Licensee. The provisions of this clause shall survive the expiration or other termination of this License. (20)

21. In the event the FACILITIES consist of electrical power or communication wires and/or appurtenances, Licensee shall at all times be obligated promptly to remedy any inductive interferences growing out of or resulting from the presence of the FACILITIES; and if Licensee should fail so to do, then Railroad has the right to do so, and Licensee agrees to pay to Railroad on demand the full cost and expense therefore. (21)

22. As part of the consideration for granting the License hereunder, Licensee covenants and agrees that no assessments, taxes or charges of any kind, general, special or otherwise shall be made against Railroad or its property by reason of the construction, existence, maintenance, or use of the FACILITIES, and Licensee further covenants and agrees to pay to Railroad promptly, upon bills rendered therefore, the full amount of any assessments, taxes and/or charges of any kind or nature which may be levied, charged, assessed or imposed against Railroad or its property by reason of the construction, existence, use, or maintenance of the FACILITIES. (22)

23. Licensee hereby designates [NAME, TITLE, ADDRESS, TELEPHONE NUMBER OF CONTACT PERSON TO BE PROVIDED BY LICENSEE] its agent(s) for the service of any notice desired or required by this Agreement, and/or of process in any action growing out of, connected with, or based upon this Agreement, or the activities undertaken hereunder, and agrees that service upon one of the above named person(s) shall constitute due and proper service of any such notice or any such process. Any notification or service required or desired to be given to Railroad under this Agreement shall be sent, postage prepaid, by certified or registered mail to the address on page first hereof (but if Railroad has notified Licensee of a change of address by notice given in accordance with this Article, then to such other address) to the attention of the Assistant Vice President Real Estate Development. (23)

24. The rights conferred hereby shall be the sole privilege of Licensee only, and no assignment, sub-licensing or transfer hereof shall be made, or other use be permitted than for the specific purpose stated on page first hereof without the consent and agreement in writing of Railroad being first had and obtained. (24)

25. This Agreement may be terminated at any time by either party by giving not less than thirty (30) days prior written notice

to the other; and upon the expiration of the said thirty (30) days from date of mailing by certified or registered U.S. Mail, this Agreement and the permission and privilege hereby granted shall absolutely cease and terminate. (25)

Notwithstanding the foregoing, Railroad shall not terminate this Agreement pursuant to this Article unless required to do so for Railroad's corporate purposes, including without limitation development purposes. If Railroad should terminate this Agreement pursuant to this Article, it shall use reasonable efforts to provide a mutually acceptable alternative location for Licensee's FACILITIES. [OPTIONAL FOR LUMP SUM AGREEMENTS] If no such alternative location is provided, then Railroad shall refund a prorated portion of the lump-sum payment as would be applicable to the unexpired period. (25.1)

Licensee shall not be entitled to any refund if Licensee terminates this Agreement. Licensee shall not be entitled to any refund if Railroad terminates this agreement, except as otherwise provided in this Agreement. (25.2)

26. Upon termination of this Agreement or upon the removal or abandonment of the FACILITIES, all the rights, title and interest of Licensee hereunder shall cease, and this instrument shall thereupon become and be null and void, without any liability on the part of either party to the other party except where expressly provided to the contrary and any liability accrued prior thereto, and Licensee shall, with the prior written approval of the Railroad and at Licensee's sole cost and expense, remove or cause to be removed its FACILITIES and appurtenances from Railroad's property and right-of-way, and restore all property of Railroad to good condition and to the satisfaction of the Railroad. If Licensee fails or refuses to remove its FACILITIES and appurtenances under the foregoing conditions, Railroad shall have the right to do so at the sole cost and expense of Licensee, and Railroad shall not be liable in any manner to Licensee for said removal.

Notwithstanding the foregoing, Licensee may, with prior written consent of Railroad, and in accordance with Railroad's then current standards and specifications, abandon the FACILITIES in their current location upon the expiration or other termination of this Agreement.

The provisions of this Article shall survive the expiration or other termination of this Agreement. (26)

27. Before Licensee may exercise the License granted herein, Licensee shall at its sole cost and expense procure, provide, and

deliver to Railroad and thereafter maintain in effect during the term of this Agreement, general liability insurance covering all liabilities assumed by Licensee under this Agreement, without exception or restriction of any kind. Products-completed operations, independent contractors and contractual liability coverages are to be included, with all railroad exclusions deleted. Railroad is to be named as an additional insured and said insurance shall be in limits of not less than Two Million Dollars (\$2,000,000.00) combined single limit, bodily injury, death and/or property damage whether of Licensee, Railroad, or others, and shall contain a waiver of subrogation against Railroad, and said insurance shall be with such companies and in such form as shall be acceptable to Railroad. Said insurance shall be endorsed to provide that Railroad will be notified in writing by the insurance carrier at least thirty (30) days in advance of any cancellation or changes which modify the coverage provided thereunder. The providing of such insurance shall not be deemed a limitation on the liability of Licensee as provided in this Agreement, but shall be additional security therefore. In the event the term of this Agreement exceeds ten (10) years, Railroad reserves the right to modify the conditions/limits of said insurance listed in this Article, but Railroad may not exercise such right more than once in any ten (10) year period. (27)

28. The covenants, conditions and agreements contained in this Agreement shall bind and inure to the benefit of Licensee and Railroad and their respective heirs, distributors, executors, administrators, successors, and, except as otherwise provided in this Agreement, their assigns. (28)

29. The obligations of Railroad hereunder shall be subject to Force Majeure which shall include, but not be limited to labor disputes. (29)

30. No change or modification of any of the covenants, terms or provisions hereof shall be valid unless in writing and signed by the parties hereto.

There are no understandings or agreements of any kind between the parties hereto, verbal or otherwise, other than as set forth in this License.

All additions, changes or deletions herein were made prior to execution by either party, except that additions, changes or deletions made after execution by one party and before execution by the other shall be marginally initialed by both parties. (30)

31. This Agreement shall be construed according to the laws