

APPENDIX E

SCHEDULE OF SEWER REHABILITATION
FOR
OLD SOUTH HAVEN STORMWATER IMPROVEMENTS
(STORM SEWER SYSTEM LINING AND REHABILITATION)

PORTER CO. DEPARTMENT OF DEVELOPMENT & STORM WATER MANAGEMENT

December 2019

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Old South Haven Storm Rehab - Schedule of Sewer Rehabilitation
Porter County, Indiana

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Street Name	U.S. Manhole	U.S. Invert	U.S. T.C.	U.S. Depth*	D.S. Manhole	D.S. Invert	D.S. T.C.	D.S. Depth*	Material	Estimated Length (LFT)	Diameter* (in.)	Notes
Acadia Rd	162	632.81	640.11	7.3	163	632.78	640.13	7.35	CMP	20	54	
Acadia Rd	163	632.78	640.13	7.35	214	630.37	N/A	N/A	CMP	128	54	Some of the pipe lined, joint offset
Acadia Rd	165A	634.4	642.22	7.82	162	632.81	640.11	7.3	CMP	294	54	
Baltimore Rd	219A	634.54	644.69	10.15	165A	634.4	642.22	7.82	CMP	107	54	Pipe deformed
Baltimore Rd	1015	634.16	N/A	N/A	322	634.16	642.21	8.05	CMP	183	24	
Baltimore Rd	322	634.16	642.21	8.05	165A	634.4	642.22	7.82	CMP	395	24	Some asphalt, clay deposits in bottom of pipe throughout
Baltimore Rd	219	635.36	644.49	9.13	219A	634.54	644.69	10.15	CMP	332	48	
Capitol Rd	220	635.36	644.44	9.08	219	635.24	644.49	9.25	CMP	26	48	
Capitol Rd	224	636.05	643.3	7.25	220	635.24	644.44	9.2	CMP	305	48	
Devonshire Rd	223	636.29	643.19	6.9	224	636.05	643.3	7.25	CMP	25	48	
Devonshire Rd	223A	636.56	644.36	7.8	223	636.29	643.19	6.9	CMP	10	48	
Devonshire Rd	221A	637.48	644.53	7.05	223A	636.56	644.36	7.8	CMP	475	36	
Devonshire Rd	207	637.48	643.65	6.17	221A	639.93	644.53	4.6	CMP	389	42	Some deposits attached
Devonshire Rd	203	640.3	643.56	3.26	207	639	643.65	4.65	CMP	282	30	0-70' asphalt deposits
Govenor Rd	237	645.85	649.22	3.37	235	645.94	649.22	3.28	CMP	29	18	
Govenor Rd	235	645.97	649.22	3.25	227	643.12	646.52	3.4	CMP	303	18	Holes in pipe (6:00), slight asphalt deposits
Fox River Rd	227	643.27	646.52	3.25	226	642.46	646.76	4.3	CMP	28	18	
Fox River Rd	226	642.3	646.76	4.46	226A	642.26	646.76	4.5	CMP	8	18	
Fox River Rd	226A	637.41	646.76	9.35	171	636.64	N/A	N/A	CMP	333	27	Compacted sediment throughout, pipe deformed (x4)
Fox River Rd	231B	638.19	646.69	8.5	226A	637.41	646.76	9.35	CMP	339	30	Sags in the line
Eagle Creek Rd	171A/172	634.23	643.58	9.35	171B	637.62	N/A	N/A	CMP	58	36	
Eagle Creek Rd	225	636.09	644.44	8.35	171A/172	634.23	643.58	9.35	CMP	269	30	Heavy debris/deposits
Eagle Creek Rd	225A	638.38	646.5	8.12	225	636.09	644.44	8.35	CMP	629	36	Pipe deformed, sags in pipe
Eagle Creek Rd	228	639.44	643.79	4.35	225A	638.38	646.5	8.12	CMP	292	36	Debris in pipe: Cinder blocks/masonry/asphalt
Fox River Rd	305T	638.41	646.8	8.39	231B	638.19	646.69	8.5	CMP	88	30	Some deposits

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Fox River Rd	717	638.99	645.84	6.85	305T	638.41	646.8	8.39	CMP	224	30	
Fox River Rd	305	641.04	646.22	5.18	305T	639.67	646.8	7.13	CMP	27	12	(No video). Estimated diameter
Fox River Rd	717	638.99	645.84	6.85	231	639.79	644.64	4.85	CMP	309	30	Slight deposits and roots
Fox River Rd	229/230	640.21	643.66	3.45	231	640.44	644.64	4.2	CMP	32	24	Slight deposits
Fox River Rd	229/230	640.4	643.66	3.26	228	640.29	643.79	3.5	CMP	24	30	Pipe deformed
Fox River Rd	232/233	641.99	646.85	4.86	229/230	640.01	643.66	3.65	CMP	303	24	Deposits settled, pole through sewer, deformed
Fox River Rd	232/233	642.65	646.85	4.2	229/230	640.25	643.66	3.41	CMP	305	30	Deposits settled/attached, some roots
Govenor Rd	234	641.97	647.02	5.05	232/233	641.99	646.85	4.86	CMP	24	24	
Govenor Rd	309	644.7	650.9	6.2	234	642.23	647.02	4.79	CMP	294	24	Debris/deposits, fracture, pipe deformed
Heritage Rd	241	645.07	649.32	4.25	309	644.85	650.9	6.05	CMP	15	18	Fracture in pipe
Heritage Rd	308	645.45	649.25	3.8	241	645.37	649.32	3.95	CMP	38	18	Joint separated
Heritage Rd	310	647.33	651.54	4.21	308	645.3	649.25	3.95	CMP	291	18	
Imperial Rd	311	647.49	651.44	3.95	310	647.33	651.54	4.21	CMP	23	18	
Stonehill Dr	420	647.83	653.88	6.05	423	647.76	653.56	5.8	CMP	30	24	
Stonehill Dr	423	647.66	653.56	5.9	424	646.41	653.61	7.2	CMP	241	24	Asphalt deposits sporadically throughout half of pipe
Clear Creek Dr	424	646.81	653.61	6.8	451	646.53	653.53	7	CMP	29	24	Joint displaced
Clear Creek Dr	451	646.53	653.53	7	428	644.78	652.58	7.8	CMP	243	24	Joints separated, slight roots, pipe deformed
Cherryfield Dr	428	644.78	652.58	7.8	426	645.26	653.26	8	CMP	29	24	
Cherryfield Dr	426	644.96	653.26	8.3	429	642.43	652.13	9.7	CMP	245	24	Deposits, pipe fracture, joint broken
Greendale Dr	429	642.43	652.13	9.7	432	642.81	652.71	9.9	CMP	31	24	
Greendale Dr	432	642.81	652.71	9.9	438	642.55	652.75	10.2	CMP	238	24	Some deposits, pipe broken, joint displaced
Millport Dr	438	642.55	652.75	10.2	441	642.24	652.34	10.1	CMP	30	24	Compacted deposits
Millport Dr	441	642.24	652.34	10.1	444	640.92	654.37	13.45	CMP	128	24	Some deposits
Easement	444	640.92	654.37	13.45	443	639.99	648.34	8.35	CMP	127	48	Pipe deformed, pipe projecting through joint, joints offset
Long Run Rd	412	647.16	654.86	7.7	414	646.26	654.46	8.2	CMP	31	36	Compacted deposits/large objects in channel ***Verify Diameter and 414 Invert, debris

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Long Run Rd	414	646.26	654.46	8.2	415A	648.29	654.51	6.22	CMP	113	48	Deposits settled (asphalt) and attached, pipe deformed ***Verify 414 Invert, debris
Long Run Rd	415A	646.29	654.51	8.22	419A	645.6	654.51	8.91	CMP	32	48	
Long Run Rd	419A	645.6	654.51	8.91	434	644.06	651.56	7.5	CMP	231	48	(No video)
Long Run Rd	434	644.06	651.56	7.5	433	643.57	651.52	7.95	CMP	30	48	Deposits attached
Long Run Rd	433	643.57	651.52	7.95	435	641.87	649.67	7.8	CMP	242	48	Asphalt 27-57, 112-242
Long Run Rd	435	641.87	649.67	7.8	436	641.68	649.46	7.78	CMP	30	48	Compacted asphalt throughout
Long Run Rd	436	641.68	649.46	7.78	437	641.77	650.73	8.96	CMP	117	48	Compacted asphalt throughout
Long Run Rd	437	641.77	650.73	8.96	444	641.92	654.37	12.45	CMP	291	48	
Midway Dr	443	639.99	648.34	8.35	442	639.88	648.03	8.15	CMP	31	48	
Timberline Pkwy Easment	442A	638.91	649	10.09	452A	637.79	647.87	10.08	CMP	186	48	
Midway Dr	442	639.88	648.03	8.15	442A	638.91	649	10.09	CMP	160	48	Some debris in the pipe, 442A is a blind tee with a field tile (Video titled 442-452A)
Timberline Pkwy Easment	452C	636.9	650.5	13.6	452	638.6	648.4	9.8	CMP	120	48	
Timberline Pkwy Easment	442B	637.61	649	11.39	452C	636.9	650.5	13.6	CMP	325	48	
Timberline Pkwy Easment	452A	637.62	647.87	10.25	442B	637.61	649	11.39	CMP	4	48	Pipe deformed (increased ovality), slight deposits attached (Video titled 452A-452)
Easement	442E	648.98	653.68	4.7	442D	642.15	654	11.85	CMP	238	24	Rod protruding through pipe (Video titled 442E-452A)
Timberline Pkwy Easment	442D	642.15	654	11.85	442C	641.37	654	12.63	CMP	27	24	
Timberline Pkwy Easment	442C	641.37	654	12.63	442B	638.11	649	10.89	CMP	131	24	Rod protruding through pipe (Video titled 442E-452A)
Briarwood Rd	452	638.6	648.4	9.8	455	638.98	648.82	9.84	CMP	31	48	
Briarwood Rd	455	638.98	648.82	9.84	462	637.83	647.08	9.25	CMP	242	48	Pipe segment holds water
Sycamore Dr	462	637.83	647.08	9.25	465	637.11	646.11	9	CMP	30	48	Pipe segment holds water
Sycamore Dr	465	637.11	646.11	9	469	637.78	644.58	6.8	CMP	239	48	Pipe segment holds water
Brook Dr	469	637.78	644.58	6.8	467	637.82	644.52	6.7	CMP	30	48	Pipe segment holds water
Brook Dr	467	637.82	644.52	6.7	479	636.51	645.61	9.1	CMP	130	48	Pipe segment holds water
Timberline Pkwy	482	638.14	646.94	8.8	479	636.51	645.61	9.1	CMP	462	48	Pipe segment holds water
Timberline Pkwy/Brooke Dr	479	636.51	645.61	9.1	481	636.28	N/A	N/A	CMP	73	60	

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Easement	474	639.2	647.9	8.7	482	638.14	646.94	8.8	CMP	299	42	
Easement	473	641.01	648.61	7.6	474	639.2	647.9	8.7	CMP	106	48	Some debris in pipe
Brook Dr	470	640.23	648.63	8.4	473	641.01	648.61	7.6	CMP	43	48	
Brook Dr	460	640.41	648.01	7.6	470	640.23	648.63	8.4	CMP	248	48	Pipe holds some water
Sycamore Dr	483	641.39	648.79	7.4	460	640.41	648.01	7.6	CMP	32	48	
Sycamore Dr	457	642.03	648.38	6.35	483	641.39	648.79	7.4	CMP	239	48	Deformed pipe, compacted asphalt/deposits throughout
Briarwood Rd	457A	643.38	652.13	8.75	457	642.03	648.38	6.35	CMP	137	36	
McCool Rd	417	648.62	N/A	N/A	457A	643.38	652.13	8.75	CMP	96	36	Protruding hole in pipe
McCool Rd	416	647.7	N/A	N/A	457A	643.38	652.13	8.75	CMP	23	36	
Lahonda Dr	482A	642.92	648	5.08	482	638.14	646.94	8.8	CMP	131	18	Debris in pipe
Lahonda Dr	476	644.64	648.19	3.55	482A	642.92	648	5.08	CMP	47	18	Asphalt/debris in flowline
Lahonda Dr	478	643.11	647.6	4.49	482A	642.92	648	5.08	CMP	37	18	(No video)
Lahonda Dr	488	647.11	649.56	2.45	476	644.84	648.19	3.35	CMP	239	12	Deposits, debris/concrete in pipe, bend in pipe, roots
Heritage Rd	238A	637.38	645.91	8.53	157	633.93	640.88	6.95	CMP	686	36	
Baltimore Rd	402A	630.09	643.44	13.35	402	627.83	643.44	15.61	CMP	217	54	
Baltimore Rd	402B	630.99	644.79	13.8	402A	630.14	643.44	13.3	CMP	490	54	
Baltimore Rd	399	631.61	644.41	12.8	402B	630.99	644.79	13.8	CMP	159	48	
*depths and diameters are to be field verified by the contractor prior to ordering structures												
**designation of upstream and downstream structures is based upon sewer videos												