

**Boschertown Road Improvements - Phase II**  
**Project # 19STR36; STP-7302(676)**

					Gershenson	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST	COST	
<b>ROADWAY</b>						
10	2012010	CLEARING AND GRUBBING	1	L.S.	\$24,220.00	\$24,220.00
20	2022010	REMOVAL OF IMPROVEMENTS	1	L.S.	\$509,747.00	\$509,747.00
30	2022230	REMOVAL OF RIGID PAVEMENT	2238	S.Y.	\$30.00	\$67,140.00
40	2022294	SAWCUT, (4" SIDEWALK)	67	L.F.	\$5.00	\$335.00
50	2022295	SAWCUT, (ANY DEPTH/MATERIAL)	602	L.F.	\$4.00	\$2,408.00
60	2031000	CLASS A EXCAVATION	4439	C.Y.	\$30.00	\$133,170.00
70	2036010	REMOVAL OF UNSUITABLE MATERIAL	563	C.Y.	\$108.00	\$60,804.00
80	2036000	COMPACTING EMBANKMENT	2292	C.Y.	\$16.00	\$36,672.00
90	2037000	COMPACTING IN CUT	3100	C.Y.	\$17.00	\$52,700.00
100	2046010	EMBANKMENT IN PLACE	1175	C.Y.	\$40.00	\$47,000.00
110	2063000	CLASS 3 EXCAVATION	1035	C.Y.	\$5.00	\$5,175.00
120	2071000	LINEAR GRADING, CLASS 1	17.9	STA	\$712.00	\$12,744.80
130	2051010	MODIFIED SUBGRADE	3478	S.Y.	\$60.00	\$208,680.00
140	3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	24367.6	S.Y.	\$9.75	\$237,584.10
150	4053099	TEMPORARY PAVEMENT (BP-1)	353.2	TON	\$253.00	\$89,359.60
160	5021108	CONCRETE PAVEMENT (8" NON-REINFORCED)	17230.8	S.Y.	\$83.00	\$1,430,156.40
170	6039999	MISC. IRRIGATION SYSTEM MODIFICATIONS	1	L.S.	\$1,500.00	\$1,500.00
180	6041404	AREA INLET, SINGLE, OPEN 2 SIDES, UNTRAPPED	5	EA.	\$1,665.00	\$8,325.00
190	6041922	2-GRATE INLET, WITH SIDE INTAKE, UNTRAPPED	24	EA.	\$1,462.00	\$35,088.00
200	6041999	SIDEWALK SCUPPER	4	EA.	\$7,110.00	\$28,440.00
210	6042030	ADJUSTING MANHOLE TO GRADE	4	EA.	\$612.00	\$2,448.00
220	6044011	"PIPE COLLAR, TYPE A" CONCRETE	2	EA.	\$2,779.00	\$5,558.00
230	6045299	CONNECTING PIPE TO EXISTING STRUCTURE	4	EA.	\$1,316.00	\$5,264.00
240	6061040	TYPE D GUARDRAIL	13	L.F.	\$100.00	\$1,300.00
250	6079903	REMOVE & REINSTALL EXISTING VINYL FENCE (48-IN)	40	L.F.	\$60.00	\$2,400.00
260	6079903	REMOVE & REINSTALL EXISTING VINYL FENCE (60-IN)	112	L.F.	\$65.00	\$7,280.00
270	6079903	REMOVE & REINSTALL EXISTING ALUMINUM FENCE (48")	27	L.F.	\$85.00	\$2,295.00
280	6085007	PAVED APPROACH, 7-IN	1256	S.Y.	\$78.00	\$97,968.00
290	6091041	CONCRETE GUTTER, TYPE A	10	L.F.	\$100.00	\$1,000.00
300	6091053	CONCRETE CURB AND GUTTER, VERTICAL	3984	L.F.	\$31.50	\$125,496.00
310	6097010	ROCK LINING	315	C.Y.	\$94.00	\$29,610.00
320	6169901	TEMPORARY TRAFFIC CONTROL	1	L.S.	\$116,200.00	\$116,200.00
330	6161098A	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED & RETAINED	3	EA	\$3,200.00	\$9,600.00
340	6161095	EDGE DROP OFF TREATMENT	12998	L.F.	\$3.00	\$38,994.00
350	6241001	GEOTEXTILE FABRIC STABILIZATION & SEPARATION CLASS 1 (HEAVY WEIGHT)	630	S.Y.	\$5.50	\$3,465.00
360	6191000	MOBILIZATION (5%)	1	L.S.	\$495,739.75	\$495,739.75
370	6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING (1%)	1	L.S.	\$33,000.00	\$33,000.00
380	7241930	19"x30" CLASS III REINF. HORIZONTAL ELLIPTICAL CONCRETE PIPE CULVERT	239	L.F.	\$227.00	\$54,253.00
390	7267012	12" CLASS III REINF. CONCRETE PIPE CULVERT	165	L.F.	\$130.00	\$21,450.00
400	7267015	15" CLASS III REINF. CONCRETE PIPE CULVERT	16	L.F.	\$195.00	\$3,120.00
410	7267018	18" CLASS III REINF. CONCRETE PIPE CULVERT	191	L.F.	\$143.00	\$27,313.00

420	7267024	24" CLASS III REINF. CONCRETE PIPE CULVERT	226	L.F.	\$192.00	\$43,392.00
430	7267030	30" CLASS III REINF. CONCRETE PIPE CULVERT	599	L.F.	\$170.00	\$101,830.00
440	7267036	36" CLASS III REINF. CONCRETE PIPE CULVERT	53	L.F.	\$448.00	\$23,744.00
450	7310042	PRECAST CONCRETE MANHOLE (42")	6	EA.	\$4,904.00	\$29,424.00
460	7310048	PRECAST CONCRETE MANHOLE (48")	1	EA.	\$4,210.00	\$4,210.00
470	7310060	PRECAST CONCRETE MANHOLE (60")	22	EA.	\$4,710.00	\$103,620.00
480	8031010	SODDING	13655	S.Y.	\$7.00	\$95,585.00
490	8065010	PERMANENT SEEDING	1	ACRE	\$6,000.00	\$6,000.00
500	8064512	INLET PROTECTION SINGLE UNIT FABRIC DROP	21	EA	\$275.00	\$5,775.00
510	8064508	INLET PROTECTION SINGLE UNIT FILTER SOCK/ROLL	6	EA	\$120.00	\$720.00
520	8064515	INLET PROTECTION GRATED UNIT FILTER SOCK/ROLL	24	EA	\$120.00	\$2,880.00
530	8067000	SILT FENCE	9100	L.F.	\$3.80	\$34,580.00
540	8063001	ROCK DITCH CHECK	44	EA	\$225.00	\$9,900.00
550	8061016	SEDIMENT REMOVAL	186	C.Y.	\$60.00	\$11,160.00
560	8065000	TEMPORARY SEEDING AND MULCHING	2	ACRE	\$2,000.00	\$4,000.00
570	8065500	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	1	L.S.	\$13,630.00	\$13,630.00
					<b>ROADWAY SUBTOTAL:</b>	<b>\$4,565,452.65</b>
<b>WATER MAIN REPLACEMENT</b>						
580	6039901	6" DUCTILE IRON PIPE	228	L.F.	\$266.00	\$60,648.00
590	6039902	8" DUCTILE IRON PIPE	254	L.F.	\$268.00	\$68,072.00
600	6039904	12" DUCTILE IRON PIPE	4,480	L.F.	\$220.00	\$985,600.00
610	6039905	8" BEND 90 DEGREE, RESTRAINED	2	EA.	\$3,007.00	\$6,014.00
620	6039907	12" BEND 45 DEGREE, RESTRAINED	2	EA.	\$3,291.00	\$6,582.00
630	6039908	12" BEND 22.5 DEGREE, RESTRAINED	16	EA.	\$3,234.00	\$51,744.00
640	6039909	DUCTILE IRON TEE (12" X 8")	4	EA.	\$4,387.00	\$17,548.00
650	6039911	DUCTILE IRON TEE (12" X 12")	2	EA.	\$4,557.00	\$9,114.00
660	6039912	DUCTILE IRON CROSS (12" X 8")	1	EA.	\$4,444.00	\$4,444.00
670	6039914	8" DUCTILE IRON GATE VALVE, RESTRAINED	6	EA.	\$5,463.00	\$32,778.00
680	6039916	12" DUCTILE IRON GATE VALVE, RESTRAINED	16	EA.	\$7,049.00	\$112,784.00
690	6039917	FIRE HYDRANT ASSEMBLY	11	EA.	\$10,060.00	\$110,660.00
700	6039918	8" CUT AND CAP	2	EA.	\$2,809.00	\$5,618.00
710	6039919	12" CUT AND CAP	2	EA.	\$2,951.00	\$5,902.00
720	6039920	8" TAPPING SLEEVE AND GATE VALVE	3	EA.	\$9,446.00	\$28,338.00
730	6039921	12" TAPPING SLEEVE AND GATE VALVE	1	EA.	\$13,120.00	\$13,120.00
740	6039922	8" WATER PIPE REMOVAL	70	L.F.	\$98.40	\$6,888.00
750	6039923	FIRE HYDRANT ASSEMBLY REMOVAL	2	EA.	\$3,443.00	\$6,886.00
760	6039924	CASING PIPE	20	L.F.	\$289.00	\$5,780.00
					<b>WATER MAIN REPLACEMENT SUBTOTAL:</b>	<b>\$1,538,520.00</b>

PAVEMENT MARKING								
770	6209975	REMOVAL OF PAVEMENT STRIPING, PAINT	1450	L.F.	\$2.00	\$2,900.00		
780	6205902A	6-IN WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS	9060	L.F.	\$1.00	\$9,060.00		
790	6206001C	STANDARD WATERBORNE PAINT WITH TYPE P BEADS, 4-IN YELLOW	10960	L.F.	\$0.60	\$6,576.00		
800	6200012	PREFORMED PAVEMENT MARKING THERMOPLASTIC, 12-IN WHITE	340	L.F.	\$14.00	\$4,760.00		
810	6200015	PREFORMED PAVEMENT MARKING THERMOPLASTIC, 24-IN WHITE STOP BAR	206	L.F.	\$26.00	\$5,356.00		
820	6200021	PREFORMED PAVEMENT MARKING THERMOPLASTIC, LEFT/RIGHT ARROW	19	EA	\$350.00	\$6,650.00		
830	6200036	PREFORMED PAVEMENT MARKING THERMOPLASTIC, 30-IN WHITE MIDBLOCK	88	EA	\$225.00	\$19,800.00		
<b>PAVEMENT MARKING SUBTOTAL:</b>								<b>\$55,102.00</b>
PEDESTRIAN FACILITIES								
840	6086004	CONCRETE SIDEWALK (4" THICK)	3570.5	S.Y.	\$44.00	\$157,102.00		
850	6086007	CONCRETE SIDEWALK, CURB RAMP (7" THICK)	354.6	S.Y.	\$136.00	\$48,225.60		
860	6086098	TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION)	571	S.F.	\$29.50	\$16,844.50		
<b>PEDESTRIAN FACILITIES SUBTOTAL:</b>								<b>\$222,172.10</b>
LIGHTING								
870	9013002	CONDUIT, 2-IN. RIGID, IN TRENCH	5471	LF	\$11.20	\$61,275.20		
880	9019903	MISC. CONDUIT, 2-IN. RIGID, IN PUSHED	885	LF	\$21.20	\$18,762.00		
890	9016110	PREFORMED PULLBOX, CLASS 1	23	EA	\$1,551.00	\$35,673.00		
900	9017008	CABLE, 8 AWG. 1 CONDUCTOR	14580	LF	\$1.60	\$23,328.00		
910	9017110	POLE AND BRACKET CABLE (1C-#10)	1620	LF	\$1.20	\$1,944.00		
920	9017208	WIRE, 8 AWG. BARE NEUTRAL	7290	LF	\$0.80	\$5,832.00		
930	9019902	COMBINATION PAD-MOUNTED 240/120V POWER SUPPLY & LIGHTING CONTROL STATION	1	EA	\$9,440.00	\$9,440.00		
940	9019902	LUMINAIRE, EARLY AMERICAN STYLE HOUSING	15	EA	\$747.00	\$11,205.00		
950	9019902	LUMINAIRE, COBRA HEAD	15	EA	\$513.00	\$7,695.00		
960	9019902	30-FT ORNAMENTAL LAMP POST (POWDER COATED BLACK)	15	EA	\$5,451.00	\$81,765.00		
970	9019902	BRACKET ARM, 8 FT. ORNAMENTAL (POWDER COATED BLACK)	15	EA	\$390.00	\$5,850.00		
980	9019902	BRACKET ARM, 2 FT. ORNAMENTAL (POWDER COATED BLACK)	15	EA	\$286.00	\$4,290.00		
990	9019902	POLE FOUNDATION (30-FT MOUNTING HEIGHT)	15	EA	\$1,250.00	\$18,750.00		
<b>LIGHTING SUBTOTAL:</b>								<b>\$285,809.20</b>
SIGNING								
1000	9031270A	2 IN. PSST POST - 12 GA.	384	L.F.	\$30.00	\$11,520.00		
1010	9031280	2.5 IN. PSST POST - 12 GA.	224	L.F.	\$36.00	\$8,064.00		
1020	9031271	POST ANCHOR FOR 2 IN. PSST - 12 GA.	75	L.F.	\$48.00	\$3,600.00		
1030	9031282	POST ANCHOR FOR 2.5 IN. PSST - 7 GA., OMNI	42	L.F.	\$60.00	\$2,520.00		
1040	9035004A	SH-FLAT SHEET	126	S.F.	\$45.00	\$5,670.00		
1050	9035069A	SHF-FLAT SHEET FLUORESCENT	122	S.F.	\$48.00	\$5,856.00		
1060	9039902	REMOVE & RELOCATE EXISTING SIGN ASSEMBLY & POST	6	EA.	\$600.00	\$3,600.00		
1070	9039902	REMOVE & RELOCATE EXISTING SIGN(S) TO NEW POST	2	EA.	\$400.00	\$800.00		
<b>SIGNING SUBTOTAL:</b>								<b>\$41,630.00</b>

LANDSCAPING								
1080	808-99.02	RUBRUM 'AUTUMN FLAME' (RED MAPLE), 2.5" CAL. MIN.	6	EA.	\$490.00	\$2,940.00		
1090	808-99.02	RUBRA (RED OAK), 2.5" CAL. MIN.	6	EA.	\$490.00	\$2,940.00		
1100	808-99.02	BILLOBA (GINKO - MALE FORM), 2.5" CAL. MIN.	7	EA.	\$490.00	\$3,430.00		
1110	808-99.02	RETICULATA (JAPANESE TREE LILAC), 2.5" CAL. MIN.	9	EA.	\$490.00	\$4,410.00		
1120	808-99.02	CANADENSIS (EASTERN REDBUD), 2.5" CAL. MIN.	8	EA.	\$490.00	\$3,920.00		
1130	808-99.02	FLORIDA (FLOWERING DOGWOOD), 2.5" CAL. MIN.	9	EA.	\$490.00	\$4,410.00		
1140	808-99.02	OMORIKA (SERBIAN SPRUCE), 2.5" CAL. MIN.	25	EA.	\$490.00	\$12,250.00		
1150	808-99.02	STROBUS (WHITE PINE), 2.5" CAL. MIN.	16	EA.	\$490.00	\$7,840.00		
						<b>LANDSCAPING SUBTOTAL:</b>		<b>\$42,140.00</b>
NON-PARTICIPATING ITEMS (ISLAND HARBOR)								
1160	2022010	REMOVAL OF IMPROVEMENTS	1	L.S.	\$35,730.00	\$35,730.00		
1170	2022230	REMOVAL OF RIGID PAVEMENT	107	S.Y.	\$30.00	\$3,210.00		
1180	2022294	SAWCUT, (4" SIDEWALK)	5	L.F.	\$5.00	\$25.00		
1190	2071000	LINEAR GRADING, CLASS 1	2.9	STA	\$1,805.00	\$5,234.50		
1200	3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	1351.0	S.Y.	\$9.75	\$13,172.25		
1210	5021108	CONCRETE PAVEMENT (8" NON-REINFORCED)	1109.8	S.Y.	\$83.00	\$92,113.40		
1220	6042020	ADJUSTING BASIN OR INLET	1	EA.	\$1,224.00	\$1,224.00		
1230	6086004	CONCRETE SIDEWALK (4" THICK)	156.0	S.Y.	\$64.50	\$10,062.00		
1240	6086007	CONCRETE SIDEWALK, CURB RAMP (7" THICK)	3.9	S.Y.	\$631.00	\$2,460.90		
1250	6092021	INTERGRAL CURB (OVER 6" HEIGHT)	289	L.F.	\$24.00	\$6,936.00		
1260	6161095	EDGE DROP OFF TREATMENT	635	L.F.	\$3.00	\$1,905.00		
1270	6169902	PROJECT INFORMATION SIGN	2	EA.	\$350.00	\$700.00		
1280	8031010	SODDING	1400	S.Y.	\$7.00	\$9,800.00		
1290	8065000	TEMPORARY SEEDING AND MULCHING	0.2	AC	\$2,000.00	\$400.00		
						<b>NON-PARTICIPATING SUBTOTAL:</b>		<b>\$182,973.05</b>
						<b>GRAND TOTAL:</b>		<b>\$6,933,799.00</b>