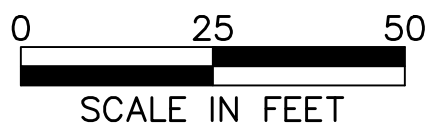
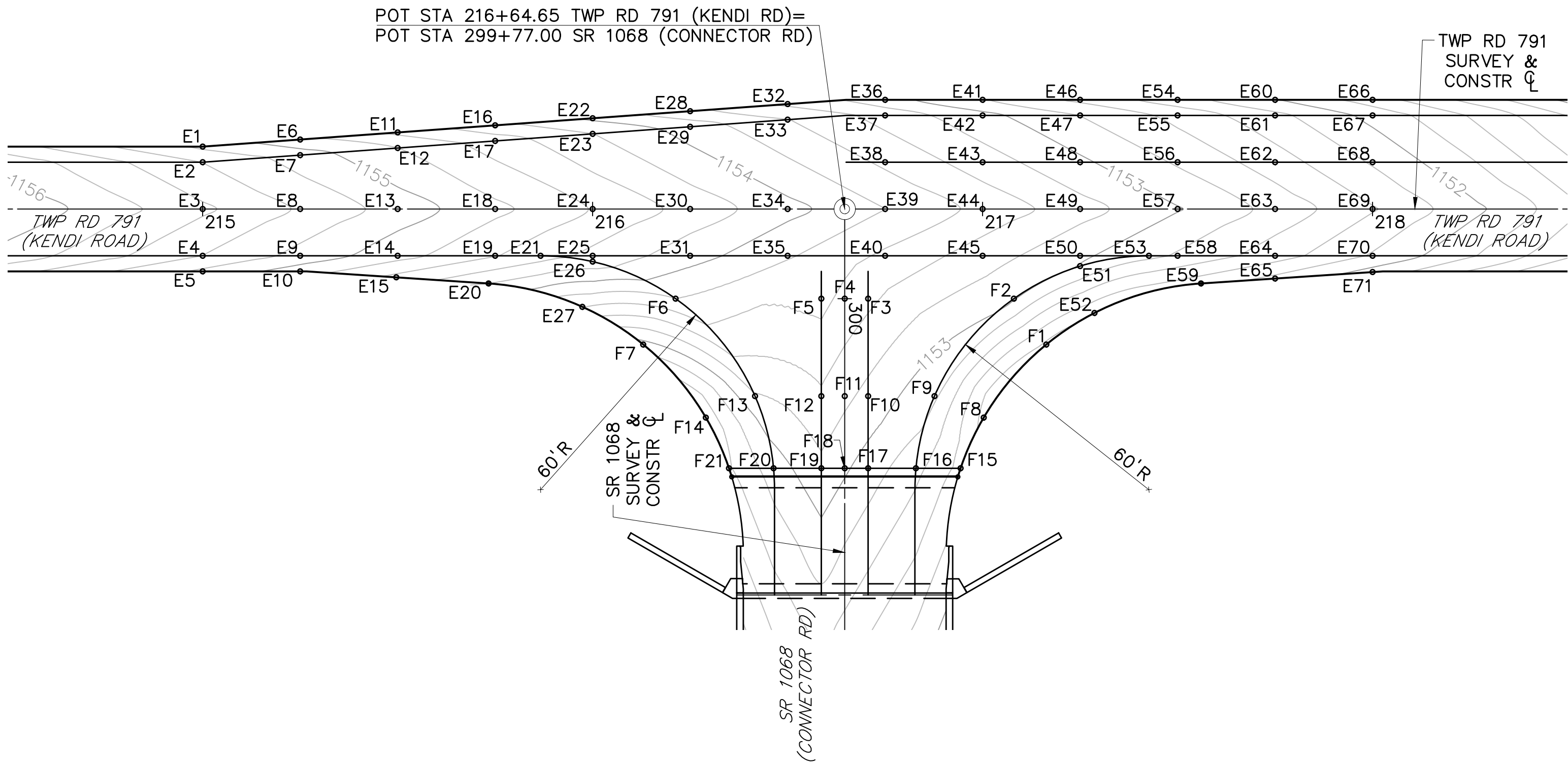
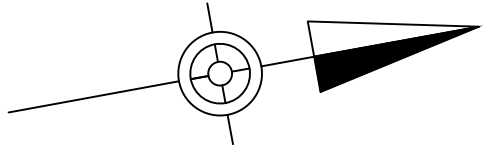


File name: \\Roadway\DIST-12\SR0119\20K CON Plan\0119-20K Intersection Grading Plan.dwg, May 02, 2025-12:28pm, jclark

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
12 0	FAYETTE	0119	20K	51 OF 216
BULLSKIN TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	APPROVED

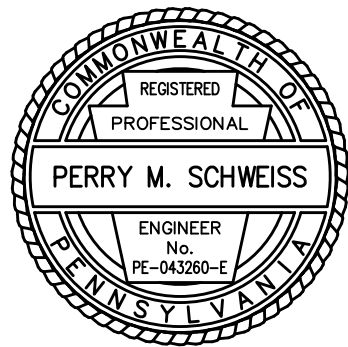
TWP RD 791			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
E1	215+00.00	LT				16.00	1155.16
E2	215+00.00	LT		12.00	1155.40		
E3	215+00.00		1155.64				
E4	215+00.00	RT		12.00	1155.40		
E5	215+00.00	RT				16.00	1155.16
E6	215+25.00	LT				17.82	1154.86
E7	215+25.00	LT		13.82	1155.10		
E8	215+25.00		1155.38				
E9	215+25.00	RT		12.00	1155.14		
E10	215+25.00	RT				16.00	1154.90
E11	215+50.00	LT				19.64	1154.56
E12	215+50.00	LT		15.64	1154.80		
E13	215+50.00		1155.11				
E14	215+50.00	RT		12.00	1154.87		
E15	215+49.63	RT				17.53	1154.55
E16	215+75.00	LT				21.45	1154.26
E17	215+75.00	LT		17.45	1154.50		
E18	215+75.00		1154.85				
E19	215+75.00	RT		12.00	1154.61		
E20	215+73.31	RT				19.11	1154.20
E21	215+86.65	RT		12.00	1154.49		
E22	216+00.00	LT				23.27	1153.96
E23	216+00.00	LT		19.27	1154.20		
E24	216+00.00		1154.59				
E25	216+00.00	RT		12.00	1154.35		
E26	216+00.00	RT		13.50	1154.31		
E27	215+97.35	RT				25.11	1153.60
E28	216+25.00	LT				25.09	1153.66
E29	216+25.00	LT		21.09	1153.90		
E30	216+25.00		1154.33				
E31	216+25.00	RT		12.00	1154.09		
E32	216+50.00	LT				26.91	1153.37
E33	216+50.00	LT		22.91	1153.61		
E34	216+50.00		1154.06				
E35	216+50.00	RT		12.00	1153.82		
E36	216+75.00	LT				28.00	1153.08
E37	216+75.00	LT		24.00	1153.32		
E38	216+75.00	LT		12.00	1153.56		
E39	216+75.00		1153.80				
E40	216+75.00	RT		12.00	1153.56		
E41	217+00.00	LT				28.00	1152.82
E42	217+00.00	LT		24.00	1153.06		
E43	217+00.00	LT		12.00	1153.30		
E44	217+00.00		1153.54				
E45	217+00.00	RT		12.00	1153.30		
E46	217+25.00	LT				28.00	1152.56
E47	217+25.00	LT		24.00	1152.80		
E48	217+25.00	LT		12.00	1153.04		
E49	217+25.00		1153.28				
E50	217+25.00	RT		12.00	1153.04		
E51	217+25.00	RT		14.65	1152.99		
E52	217+28.70	RT				26.67	1152.23
E53	217+42.65	RT		12.00	1152.85		
E54	217+50.00	LT				28.00	1152.30
E55	217+50.00	LT		24.00	1152.54		
E56	217+50.00	LT		12.00	1152.78		
E57	217+50.00		1153.02				
E58	217+50.00	RT		12.00	1152.78		
E59	217+55.99	RT				19.11	1152.28
E60	217+75.00	LT				28.00	1152.02
E61	217+75.00	LT		24.00	1152.26		
E62	217+75.00	LT		12.00	1152.50		
E63	217+75.00		1152.74				
E64	217+75.00	RT		12.00	1152.50		
E65	217+75.00	RT				17.84	1152.14
E66	218+00.00	LT				28.00	1151.70
E67	218+00.00	LT		24.00	1151.94		
E68	218+00.00	LT		12.00	1152.18		
E69	218+00.00		1152.42				
E70	218+00.00	RT		12.00	1152.18		
E71	218+00.00	RT				16.18	1151.93

SR 1068			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
F1	300+11.77	LT				51.69	1152.16
F2	300+00.00	LT		43.37	1153.02		
F3	300+00.00	LT		6.00	1153.45		
F4	300+00.00		1153.54				
F5	300+00.00	RT		6.00	1153.66		
F6	300+00.00	RT		43.37	1153.80		
F7	300+11.77	RT				51.69	1152.94
F8	300+30.51	LT				35.64	1152.09
F9	300+25.00	LT		23.01	1152.84		
F10	300+25.00	LT		6.00	1153.14		
F11	300+25.00		1153.25				
F12	300+25.00	RT		6.00	1153.37		
F13	300+25.00	RT		23.01	1153.18		
F14	300+30.51	RT				35.64	1152.43
F15	300+43.50	LT				29.70	1152.32
F16	300+43.50	LT		18.25	1152.66		
F17	300+43.50	LT		6.00	1152.91		
F18	300+43.50		1153.03				
F19	300+43.50	RT		6.00	1153.15		
F20	300+43.50	RT		18.25	1152.90		
F21	300+43.50	RT				29.70	1152.56



PROPOSED PAVEMENT ELEVATION PLAN

DESIGNED BY SUCEVIC, PICCOLOMINI & KUCHAR ENGINEERING, INC.
DESIGN BY: JRC DRAWN BY: SPK CHECKED BY: PMS



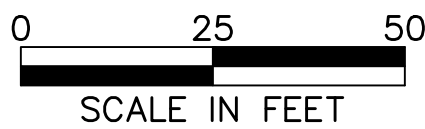
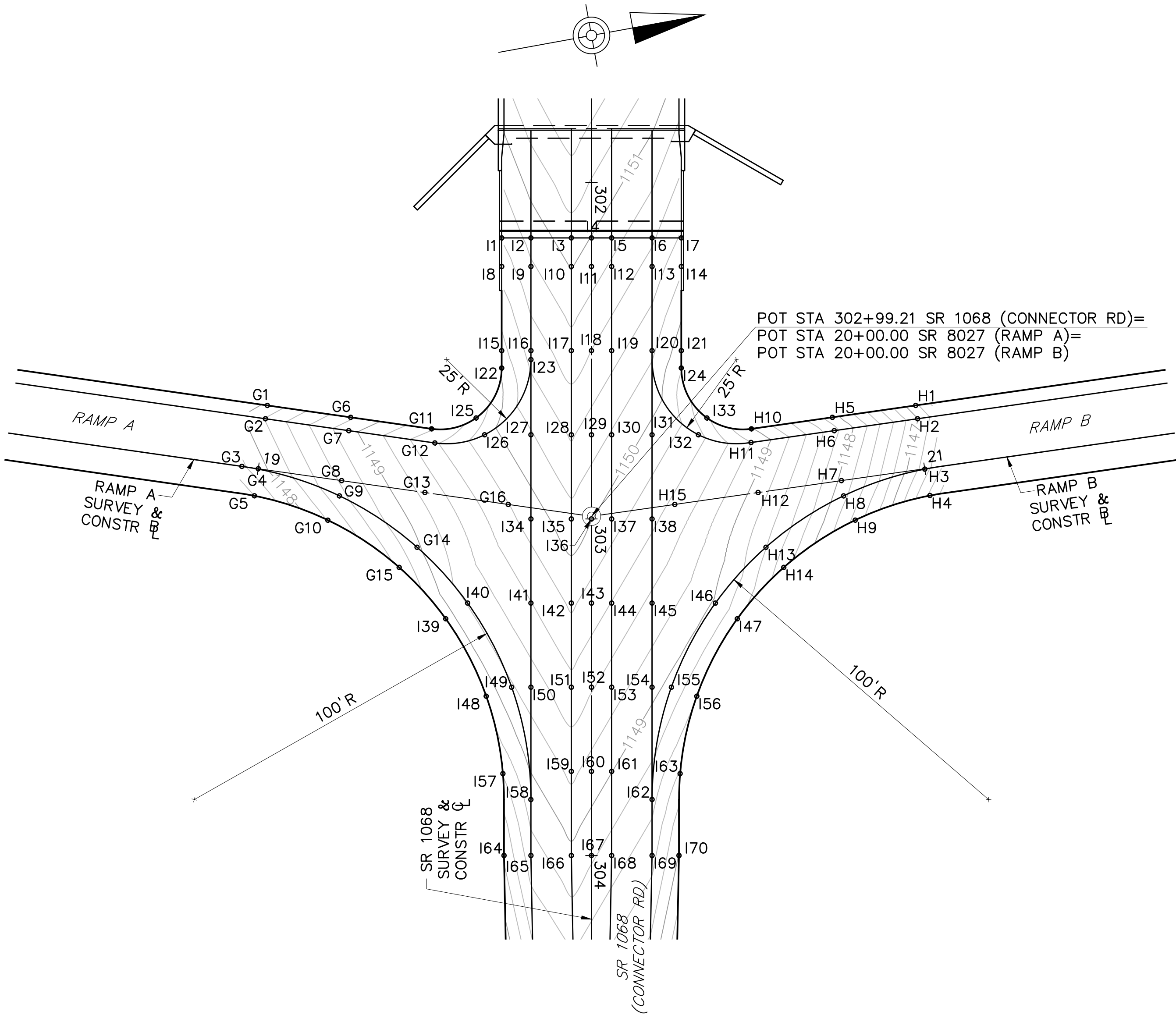
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
12 0	FAYETTE	0119	20K	52 OF 216
BULLSKIN TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	APPROVED

SR 8027 (RAMP A)			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
G1	19+00.00	LT				19.00	1148.05
G2	19+00.00	LT		15.00	1148.21		
G3	18+95.08		1147.76				
G4	19+00.00		1147.91				
G5	19+00.00	RT				8.13	1147.60
G6	19+25.00	LT				19.00	1148.77
G7	19+25.00	LT		15.00	1148.93		
G8	19+25.00		1148.63				
G9	19+25.00	RT		4.58	1148.53		
G10	19+22.62	RT				12.22	1148.21
G11	19+49.29	LT				19.00	1149.38
G12	19+50.85	LT		15.00	1149.58		
G13	19+50.00		1149.26				
G14	19+50.00	RT		16.43	1148.97		
G15	19+45.59	RT				23.10	1148.65
G16	19+75.00		1149.79				

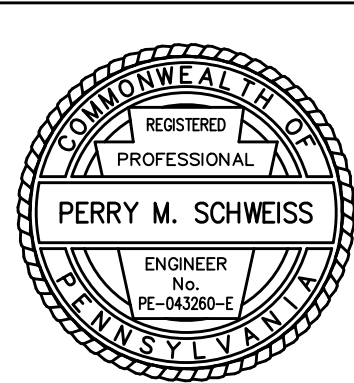
SR 8027 (RAMP B)			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
H1	21+00.00	LT				19.00	1146.85
H2	21+00.00	LT		15.00	1147.01		
H3	21+00.00	RT		0.12	1146.68		
H4	21+00.39	RT				8.11	1146.36
H5	20+75.00	LT				19.00	1148.09
H6	20+75.00	LT		15.00	1148.25		
H7	20+75.00		1147.95				
H8	20+75.00	RT		4.58	1147.86		
H9	20+77.39	RT				12.21	1147.54
H10	20+50.71	LT				19.00	1149.02
H11	20+50.00	LT		15.00	1149.20		
H12	20+50.00		1148.90				
H13	20+50.00	RT		16.43	1148.61		
H14	20+54.39	RT				23.11	1148.29
H15	20+25.00		1149.55				

SR 1068			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
I1	302+16.50	RT		26.69	1150.61		
I2	302+16.50	RT		18.00	1150.87		
I3	302+16.50	RT		6.00	1151.11		
I4	302+16.50		1150.99				
I5	302+16.50	LT		6.00	1150.87		
I6	302+16.50	LT		18.00	1150.63		
I7	302+16.50	LT		26.69	1150.37		
I8	302+25.00	RT		26.69	1150.48		
I9	302+25.00	RT		18.00	1150.77		
I10	302+25.00	RT		6.00	1151.01		
I11	302+25.00		1150.89				
I12	302+25.00	LT		6.00	1150.77		
I13	302+25.00	LT		18.00	1150.53		
I14	302+25.00	LT		26.69	1150.27		
I15	302+50.00	RT				26.69	1150.13
I16	302+50.00	RT		18.00	1150.48		
I17	302+50.00	RT		6.00	1150.72		
I18	302+50.00		1150.60				
I19	302+50.00	LT		6.00	1150.48		
I20	302+50.00	LT		18.00	1150.24		
I21	302+50.00	LT				26.69	1149.89
I22	302+55.17	RT				26.69	1150.05
I23	302+52.67	RT		18.00	1150.45		
I24	302+55.17	LT				26.69	1149.81
I25	302+69.99	RT				34.29	1149.69
I26	302+75.00	RT		31.76	1149.91		
I27	302+75.00	RT		18.00	1150.18		
I28	302+75.00	RT		6.00	1150.42		
I29	302+75.00		1150.30				
I30	302+75.00	LT		6.00	1150.18		
I31	302+75.00	LT		18.00	1149.94		
I32	302+75.00	LT		31.76	1149.66		
I33	302+69.99	LT				34.29	1149.44
I34	303+00.00	RT		18.00	1149.89		
I35	303+00.00	RT		6.00	1150.13		
I36	303+00.00		1150.01				
I37	303+00.00	LT		6.00	1149.89		
I38	303+00.00	LT		18.00	1149.65		
I39	303+29.67	RT				43.30	1148.90
I40	303+25.00	RT		36.81	1149.22		
I41	303+25.00	RT		18.00	1149.59		
I42	303+25.00	RT		6.00	1149.83		
I43	303+25.00		1149.71				
I44	303+25.00	LT		6.00	1149.59		
I45	303+25.00	LT		18.00	1149.35		
I46	303+25.00	LT		36.81	1148.98		
I47	303+29.67	LT				43.30	1148.66
I48	303+52.67	RT				31.27	1148.86
I49	303+50.00	RT		23.74	1149.18		
I50	303+50.00	RT		18.00	1149.30		
I51	303+50.00	RT		6.00	1149.54		
I52	303+50.00		1149.42				
I53	303+50.00	LT		6.00	1149.30		
I54	303+50.00	LT		18.00	1149.06		
I55	303+50.00	LT		23.73	1148.94		
I56	303+52.67	LT				31.28	1148.62
I57	303+75.67	RT				26.32	1148.62
I58	303+83.38	RT		18.00	1148.91		
I59	303+75.00	RT		6.00	1149.24		
I60	303+75.00		1149.12				
I61	303+75.00	LT		6.00	1149.00		
I62	303+83.35	LT		18.00	1148.67		
I63	303+75.67	LT				26.32	1148.38
I64	304+00.00	RT				26.00	1148.23
I65	304+00.00	RT		18.00	1148.71		
I66	304+00.00	RT		6.00	1148.95		
I67	304+00.00		1148.83				
I68	304+00.00	LT		6.00	1148.71		
I69	304+00.00	LT		18.00	1148.47		
I70	304+00.00	LT				26.00	1147.99



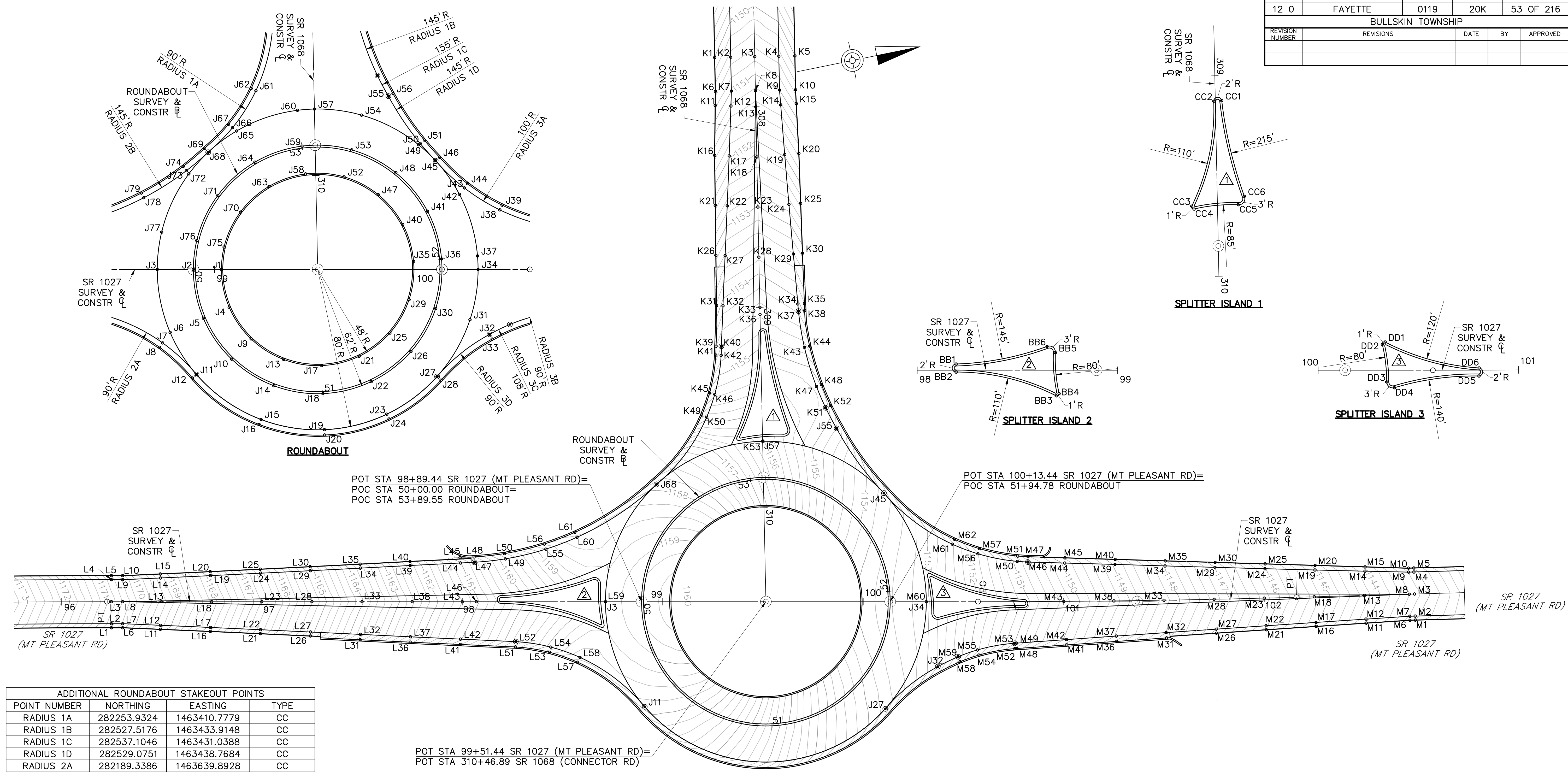
PROPOSED PAVEMENT ELEVATION PLAN

DESIGNED BY SUCEVIC, PICCOLOMINI & KUCHAR ENGINEERING, INC.		
DESIGN BY: JRC	DRAWN BY: SPK	CHECKED BY: PMS

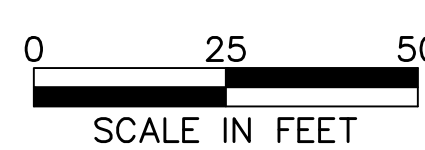


File name: \\Roadway\\DIST-12\\SR011920K (McClure Rd)\\Project Datum\\Construction\\SR 119 20K CON Plan0119-20K Intersection Grading Plan.dwg, May 02, 2025-12:29pm, jclark

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
12 0	FAYETTE	0119	20K	53 OF 216
BULLSKIN TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	APPROVED

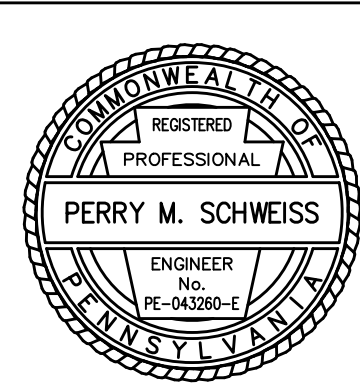


ADDITIONAL ROUNDABOUT STAKEOUT POINTS			
POINT NUMBER	NORTHING	EASTING	TYPE
RADIUS 1A	282253.9324	1463410.7779	CC
RADIUS 1B	282527.5176	1463433.9148	CC
RADIUS 1C	282537.1046	1463431.0388	CC
RADIUS 1D	282529.0751	1463438.7684	CC
RADIUS 2A	282189.3386	1463639.8928	CC
RADIUS 2B	282220.7264	1463366.4545	CC
RADIUS 3A	282493.9951	1463467.7230	CC
RADIUS 3B	282444.2757	1463692.5320	CC
RADIUS 3C	282448.5292	1463710.0370	CC
RADIUS 3D	282441.5370	1463693.3535	CC
J11	282268.7416	1463597.5235	PRC
J27	282386.0990	1463622.4548	PRC
J32	282415.9887	1463607.0559	PCC
J45	282406.8979	1463516.8564	PCC
J55	282390.2276	1463480.5579	PCC
J68	282296.5711	1463490.0343	PCC
K37	282383.2424	1463419.4344	PT
K40	282342.0741	1463428.9725	PC
K51	282386.9275	1463469.4031	PCC
L47	282199.8452	1463509.9430	PT
L52	282212.2313	1463552.8556	PC
M46	282470.4084	1463564.9016	PC
M53	282455.7264	1463603.2634	PT
M59	282426.8780	1463604.2295	PCC



PROPOSED PAVEMENT ELEVATION PLAN

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DESIGN BY: JRC	DRAWN BY: SPK	CHECKED BY: PMS



File name: \\Roadway\\DIST-12\\SR0119\\20K CON Plan\\0119-20K CON Plan\\0119-20K Intersection Grading Plan.dwg, May 02, 2025-12:29pm, jclark

ROUNDAABOUT			℄	EDGE OF LANE		EDGE OF APRON	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
J1	50+00.00	LT				14.00	1159.51
J2	50+00.00		1159.00				
J3	50+00.00	RT		18.00	1158.64		
J4	50+25.00	LT				14.00	1159.34
J5	50+25.00		1158.83				
J6	50+25.00	RT		18.00	1158.47		
J7	50+27.43	RT		23.59	1158.32		
J8	50+28.33	RT		25.90	1158.11		
J9	50+50.00	LT				14.00	1158.82
J10	50+50.00		1158.31				
J11	50+42.76	RT		18.00	1158.13		
J12	50+42.76	RT		20.67	1157.92		
J13	50+75.00	LT				14.00	1157.96
J14	50+75.00		1157.45				
J15	50+75.00	RT		18.00	1157.09		
J16	50+75.00	RT		20.67	1156.88		
J17	51+00.00	LT				14.00	1156.76
J18	51+00.00		1156.25				
J19	51+00.00	RT		18.00	1155.89		
J20	51+00.00	RT		20.67	1155.68		
J21	51+25.00	LT				14.00	1155.48
J22	51+25.00		1154.97				
J23	51+25.00	RT		18.00	1154.61		
J24	51+25.00	RT		20.67	1154.40		
J25	51+50.00	LT				14.00	1154.57
J26	51+50.00		1154.06				
J27	51+49.43	RT		18.00	1153.60		
J28	51+49.43	RT		20.67	1153.39		
J29	51+75.00	LT				14.00	1154.06
J30	51+75.00		1153.55				
J31	51+75.00	RT		18.00	1153.19		
J32	51+72.39	RT		29.66	1152.79		
J33	51+71.22	RT		31.68	1152.58		
J34	51+94.78	RT		18.00	1153.06		
J35	52+00.00	LT				14.00	1153.94
J36	52+00.00		1153.43				
J37	52+00.00	RT		18.00	1153.07		
J38	52+14.37	RT		33.57	1152.55		
J39	52+15.57	RT		35.42	1152.35		
J40	52+25.00	LT				14.00	1154.21
J41	52+25.00		1153.70				
J42	52+25.00	RT		18.00	1153.34		
J43	52+26.23	RT		21.70	1153.25		
J44	52+26.98	RT		24.15	1153.04		
J45	52+40.91	RT		18.00	1153.71		
J46	52+40.89	RT		20.62	1153.50		
J47	52+50.00	LT				14.00	1154.87
J48	52+50.00		1154.36				
J49	52+50.00	RT		18.00	1154.00		
J50	52+49.84	RT		19.02	1153.97		
J51	52+49.46	RT		21.61	1153.76		
J52	52+75.00	LT				14.00	1155.92
J53	52+75.00		1155.41				
J54	52+75.00	RT		18.00	1155.05		
J55	52+68.14	RT		31.35	1154.80		
J56	52+67.07	RT		33.42	1154.58		
J57	52+93.43	RT		18.00	1156.03		
J58	53+00.00	LT				14.00	1157.25
J59	53+00.00		1156.74				
J60	53+00.00	RT		18.00	1156.38		
J61	53+12.80	RT		32.31	1156.08		
J62	53+14.01	RT		34.16	1155.87		
J63	53+25.00	LT				14.00	1158.33
J64	53+25.00		1157.82				
J65	53+25.00	RT		18.00	1157.46		
J66	53+25.69	RT		20.48	1157.41		
J67	53+26.33	RT		22.96	1157.20		
J68	53+38.75	RT		18.00	1157.91		
J69	53+38.73	RT		20.63	1157.76		
J70	53+50.00	LT				14.00	1159.07
J71	53+50.00		1158.56				
J72	53+50.00	RT		18.00	1158.20		
J73	53+49.58	RT		19.95	1158.15		
J74	53+49.05	RT		22.49	1157.94		
J75	53+75.00	LT				14.00	1159.45
J76	53+75.00		1158.94				
J77	53+75.00	RT		18.00	1158.58		
J78	53+65.31	RT		31.81	1158.20		
J79	53+64.21	RT		33.84	1158.00		

SR 1068			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
K1	307+75.00	RT				20.00	1150.01
K2	307+75.00	RT		12.00	1150.49		
K3	307+75.00		1150.73				
K4	307+75.00	LT		12.00	1150.49		
K5	307+75.00	LT				20.00	1150.01
K6	307+91.89	RT				20.00	1150.52
K7	307+91.89	RT		12.00	1151.00		
K8	307+91.89		1151.24				
K9	307+91.89	LT		12.00	1151.00		
K10	307+91.89	LT				20.00	1150.52
K11	307+98.91	RT				20.22	1150.76
K12	307+99.33	RT		12.40	1151.23		
K13	308+00.00		1151.49				
K14	307+99.27	LT		12.43	1151.23		
K15	307+98.82	LT				20.22	1150.76
K16	308+23.80	RT				21.00	1151.53
K17	308+24.21	RT		13.78	1151.97		
K18	308+25.00		1152.24				
K19	308+24.13	LT		13.93	1151.97		
K20	308+23.69	LT				21.00	1151.54
K21	308+48.71	RT				21.21	1152.34
K22	308+49.07	RT		15.25	1152.70		
K23	308+50.00		1153.00				
K24	308+48.97	LT		15.53	1152.69		
K25	308+48.58	LT				21.40	1152.34
K26	308+73.62	RT				21.41	1153.14
K27	308+73.92	RT		16.80	1153.41		
K28	308+75.00		1153.76				
K29	308+73.79	LT		17.22	1153.41		
K30	308+73.47	LT				21.80	1153.14
K31	308+98.71	RT		21.57	1153.84		
K32	308+98.90	RT		18.39	1154.09		
K33	309+00.00		1154.46				
K34	308+98.75	LT		18.96	1154.08		
K35	308+98.53	LT		22.23	1153.81		
K36	309+03.59		1154.56				
K37	309+02.32	LT		19.19	1154.17		
K38	309+02.11	LT		22.30	1153.92		
K39	309+18.93	RT		22.22	1154.40		
K40	309+19.09	RT		19.60	1154.61		
K41	309+23.39	RT		22.43	1154.53		
K42	309+23.58	RT		19.80	1154.72		
K43	309+20.43	LT		21.81	1154.70		
K44	309+19.89	LT		24.40	1154.61		
K45	309+42.22			25.89	1155.13		
K46	309+42.97			23.37	1155.34		
K47	309+40.07	LT		27.40	1155.17		
K48	309+39.17	LT		29.88	1154.99		
K49	309+53.19	RT		30.01	1155.70		
K50	309+54.28	RT		27.62	1155.91		
K51	309+50.81	LT		31.78	1155.11		
K52	309+49.68	LT		34.20	1154.90		
K53	309+66.89		1156.03				

SR 1027			EDGE OF LANE	
POINT NO	STATION		OFFSET	ELEV
BB1	98+19.38	LT	3.08	1160.44
BB2	98+19.40	RT	0.92	1160.49
BB3	98+69.33	RT	12.78	1158.63
BB4	98+70.76	RT	11.68	1158.62
BB5	98+68.90	LT	8.76	1158.67
BB6	98+64.77	LT	11.85	1158.72

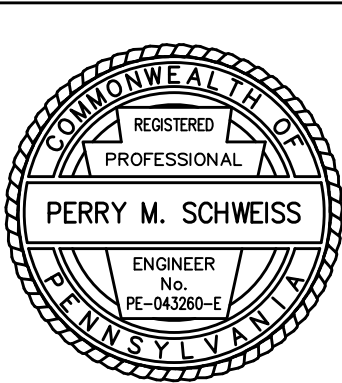
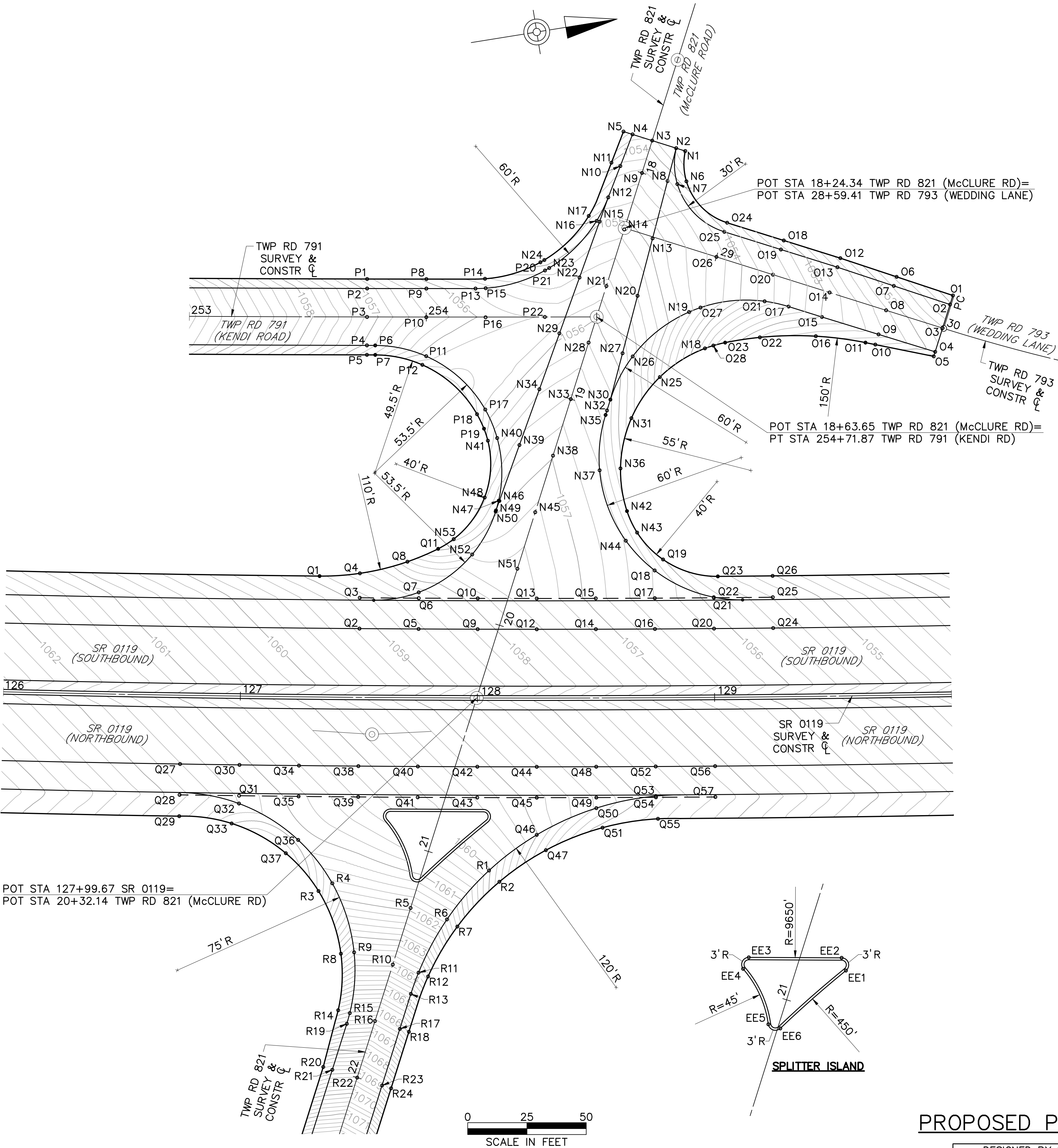
SR 1068			EDGE OF LANE	
POINT NO	STATION		OFFSET	ELEV
CC1	309+12.48	LT	3.19	1154.73
CC2	309+12.67	RT	0.79	1154.78
CC3	309+64.79	RT	12.81	1156.42
CC4	309+66.23	RT	11.72	1156.44
CC5	309+64.54	LT	10.36	1155.62
CC6	309+60.39	LT	13.49	1155.52

SR 1027			EDGE OF LANE	
POINT NO	STATION		OFFSET	ELEV
DD1	100+33.39	LT	14.05	1152.96
DD2	100+31.99	LT	12.91	1153.02
DD3	100+34.19	RT	5.85	1152.93
DD4	100+38.03	RT	8.73	1152.76
DD5	100+80.18	RT	2.92	1151.08
DD6	100+80.27	LT	1.07	1151.09

SR 1027			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
L1	96+25.00	RT				13.00	1170.56
L2	96+25.00	RT		11.00	1170.68		
L3	96+25.00		1170.90				
L4	96+25.00	LT		11.00	1170.68		
L5	96+25.00	LT				13.00	1170.56
L6	96+30.58	RT				13.00	1170.27
L7	96+30.58	RT		11.00	1170.39		
L8	96+30.58		1170.59				
L9	96+30.58	LT		11.00	1170.38		
L10	96+30.58	LT				13.00	1170.26
L11	96+49.42	RT				13.76	1169.17
L12	96+49.50	RT		11.79	1169.29		
L13	96+50.00		1169.53				
L14	96+49.46	LT		11.83	1169.29		
L15	96+49.37	LT				13.82	1169.17
L16	96+74.35	RT				14.84	1167.78
L17	96+74.44	RT		12.85	1167.90		
L18	96+75.00		1168.15				
L19	96+74.38	LT		13.01	1167.89		
L20	96+74.29	LT				15.00	1167.77
L21	96+99.28	RT				15.96	1166.38
L22	96+99.37	RT		13.96	1166.50		
L23	97+00.00		1166.78				
L24	96+99.30	LT		14.21	1166.49		
L25	96+99.21	LT				16.21	1166.37
L26	97+24.20	RT				17.10	1164.98
L27	97+24.30	RT		15.10	1165.10		
L28	97+25.00		1165.40				
L29	97+24.22	LT		15.46	1165.09		
L30	97+24.12	LT				17.46	1164.97
L31	97+49.09	RT		18.91	1163.55		
L32	97+49.22	RT		16.29	1163.70		
L33	97+50.00		1164.03				
L34	97+49.13	LT		16.74	1163.69		
L35	97+49.02	LT				18.74	1163.57
L36	97+74.00	RT		20.12	1162.10		
L37	97+74.13	RT		17.50	1162.31		
L38	97+75.00		1162.66				
L39	97+74.03	LT		18.06	1162.30		
L40	97+73.92	LT				20.06	1162.18
L41	97+99.03	RT		21.28	1160.81		
L42	97+99.15	RT		18.66	1161.02		
L43	98+00.00		1161.39				
L44	97+99.04	LT		19.32	1161.01		
L45	97+98.91	LT		21.96	1160.80		
L46	98+07.00		1161.07				
L47	98+06.02	LT		19.66	1160.67		
L48	98+05.89	LT		22.31	1160.46		
L49	98+21.47	LT		21.37	1159.86		
L50	98+21.04	LT		23.98	1159.81		
L51	98+26.60	RT		22.54	1159.53		
L52	98+26.72	RT		19.92	1159.74		
L53	98+43.48	RT		25.19	1158.80		
L54	98+44.15	RT		22.64	1158.91		
L55	98+41.69	LT		26.22	1158.79		
L56	98+40.89	LT		28.74	1158.70		
L57	98+57.62	RT		30.16	1158.09		
L58	98+58.71	RT		27.77	1158.30		
L59	98+71.44		1158.64				
L60	98+57.19	LT		32.13	1158.27		
L61	98+56.12	LT		34.55	1158.23		

File name: \\Roadway\\DIST-12\\SR0119\\20K (McClure Rd)\\Project Datum\\Construction\\SR 119 20K CON Plan\\0119-20K Intersection Grading Plan.dwg May 02, 2025-12:29pm, jclark

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
12 0	FAYETTE	0119	20K	55 OF 216
BULLSKIN TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	APPROVED



DESIGNED BY SUCEVIC, PICCOLOMINI & KUCHAR ENGINEERING, INC.
DESIGN BY: JRC DRAWN BY: SPK CHECKED BY: PMS

File name: \\Roadway\DIST-12\SR0119\20K CON Plan\0119\20K Intersection Grading Plan.dwg, May 02, 2025-12:29pm, jclark

TWP RD 821			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
N1	17+85.70	LT				14.62	1053.33
N2	17+85.70	LT		10.61	1053.55		
N3	17+85.70		1053.87				
N4	17+85.70	RT		8.70	1053.69		
N5	17+85.70	RT				12.70	1053.61
N6	17+97.77	LT				18.93	1053.85
N7	18+00.00	LT		15.61	1054.09		
N8	18+00.00	LT		11.31	1054.23		
N9	18+00.00		1054.46				
N10	18+00.00	RT		9.59	1054.27		
N11	17+99.75	RT				13.59	1054.09
N12	18+14.13	RT		10.48	1054.65		
N13	18+25.00	LT		12.54	1054.92		
N14	18+25.00		1055.11				
N15	18+25.00	RT		10.91	1054.97		
N16	18+25.00	RT		12.17	1054.95		
N17	18+24.05	RT				15.97	1054.72
N18	18+62.61	LT				47.54	1053.66
N19	18+50.00	LT		36.53	1054.66		
N20	18+50.00	LT		13.77	1055.39		
N21	18+50.00		1055.66				
N22	18+50.00	RT		11.89	1055.43		
N23	18+50.00	RT		25.30	1055.09		
N24	18+47.39	RT				28.27	1054.86
N25	18+79.84	LT				33.04	1054.83
N26	18+75.00	LT		19.50	1055.69		
N27	18+75.00	LT		15.01	1055.89		
N28	18+75.00		1056.19				
N29	18+75.00	RT		12.92	1055.93		
N30	18+95.19	LT		16.00	1056.24		
N31	19+00.00	LT				26.79	1055.67
N32	19+00.00	LT		16.00	1056.31		
N33	19+00.00		1056.63				
N34	19+00.00	RT		13.89	1056.36		
N35	19+01.95	LT		16.00	1056.35		
N36	19+21.60	LT				28.77	1056.08
N37	19+25.00	LT		20.61	1056.61		
N38	19+25.00		1056.98				
N39	19+25.00	RT		14.85	1056.69		
N40	19+25.00	RT		24.68	1056.30		
N41	19+27.22	RT				28.09	1056.06
N42	19+37.95	LT				36.79	1056.23
N43	19+45.29	LT				43.59	1056.23
N44	19+50.00	LT		40.07	1056.58		
N45	19+50.00		1057.25				
N46	19+50.00	RT		15.83	1056.93		
N47	19+50.00	RT		16.17	1056.92		
N48	19+50.48	RT				22.21	1056.56
N49	19+54.23	RT		16.00	1056.97		
N50	19+54.73	RT		16.00	1056.98		
N51	19+75.00		1057.50				
N52	19+75.00	RT		19.99	1057.36		
N53	19+71.16	RT				29.38	1056.75

TWP RD 793			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
O1	30+00.00	LT				14.41	1050.82
O2	30+00.00	LT		10.42	1051.04		
O3	30+00.00		1051.61				
O4	30+00.00	RT		10.48	1051.91		
O5	30+00.00	RT				12.48	1051.75
O6	29+75.00	LT				14.80	1051.53
O7	29+75.00	LT		10.80	1051.77		
O8	29+75.00		1052.23				
O9	29+75.00	RT		10.65	1052.48		
O10	29+75.01	RT				15.15	1052.21
O11	29+70.81	RT				15.60	1052.27
O12	29+50.00	LT				15.18	1052.31
O13	29+49.98	LT		11.18	1052.55		
O14	29+50.00		1052.93				
O15	29+50.02	RT		10.82	1052.99		
O16	29+50.02	RT				19.32	1052.48
O17	29+35.30	RT		10.85	1053.41		
O18	29+25.00	LT				15.13	1053.06
O19	29+25.00	LT		11.13	1053.30		
O20	29+25.00		1053.62				
O21	29+25.00	RT		11.76	1053.72		
O22	29+27.66	RT				26.88	1052.80
O23	29+14.34	RT				33.39	1053.25
O24	28+99.99	LT				15.08	1053.79
O25	29+00.00	LT		11.08	1054.03		
O26	29+00.00		1054.28				
O27	29+00.00	RT		22.42	1054.48		
O28	29+09.98	RT				36.06	1053.47

TWP RD 791			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
P1	253+75.02	LT				16.00	1056.69
P2	253+75.01	LT		12.00	1056.93		
P3	253+75.00		1057.17	0.01			
P4	253+74.99	RT		12.00	1056.93		
P5	253+74.99	RT				16.00	1056.69
P6	253+78.49	RT		12.00	1056.80		
P7	253+78.49	RT				16.00	1056.56
P8	254+00.03	LT				16.00	1055.93
P9	254+00.03	LT		12.00	1056.17		
P10	254+00.00		1056.41	0.06			
P11	253+99.96	RT		16.51	1055.91		
P12	253+98.35	RT				20.18	1055.67
P13	254+20.76	LT		12.00	1055.77		
P14	254+24.76	LT				16.14	1055.44
P15	254+25.04	LT		12.15	1055.68		
P16	254+25.00		1055.95	0.12			
P17	254+24.87	RT		39.01	1055.84		
P18	254+21.39	RT				40.99	1055.61
P19	254+24.32	RT				47.09	1055.89
P20	254+48.16	LT				23.08	1054.90
P21	254+50.09	LT		19.62	1055.14		
P22	254+50.00		1055.79				

SR 0119			EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		OFFSET	ELEV	OFFSET	ELEV
Q1	127+32.90	LT			51.00	1058.87
Q2	127+50.00	LT	29.00	1059.15		
Q3	127+50.00	LT	42.00	1058.89		
Q4	127+50.00	LT			52.31	1059.18
Q5	127+75.00	LT	29.00	1058.65		
Q6	127+75.00	LT	42.00	1058.39		
Q7	127+75.00	LT	44.45	1058.28		
Q8	127+70.12	LT			57.33	1057.63
Q9	128+00.00	LT	29.00	1058.15		
Q10	128+00.00	LT	42.00	1057.89		
Q11	127+83.13	LT			62.84	1056.96
Q12	128+25.00	LT	29.00	1057.65		
Q13	128+25.00	LT	41.98	1057.39		
Q14	128+50.00	LT	29.00	1057.15		
Q15	128+50.00	LT	42.00	1056.89		
Q16	128+75.00	LT	29.00	1056.65		
Q17	128+75.00	LT	42.00	1056.39		
Q18	128+75.00	LT	53.68	1056.38		
Q19	128+78.60	LT			58.28	1056.03
Q20	129+00.00	LT	29.00	1056.15		
Q21	129+00.00	LT	42.00	1055.89		
Q22	129+00.00	LT	42.23	1055.84		
Q23	129+01.78	LT			51.00	1055.52
Q24	129+25.00	LT	29.00	1055.65		
Q25	129+25.00	LT	42.01	1055.39		
Q26	129+25.00	LT			51.00	1055.03
Q27	126+75.00	RT	29.00	1061.61		
Q28	126+75.00	RT	42.00	1061.87		
Q29	126+75.00	RT			51.00	1061.69
Q30	127+00.00	RT	29.00	1061.11		
Q31	127+00.00	RT	42.00	1061.37		
Q32	127+00.00	RT	45.31	1061.39		
Q33	126+97.01	RT			53.75	1061.02
Q34	127+25.00	RT	29.00	1060.61		
Q35	127+25.00	RT	42.00	1060.87		
Q36	127+25.00	RT	60.37	1061.11		
Q37	127+19.89	RT			66.04	1060.65
Q38	127+50.00	RT	29.00	1060.11		
Q39	127+50.00	RT	42.00	1060.37		
Q40	127+75.00	RT	29.00	1059.61		
Q41	127+75.00	RT	42.00	1059.87		
Q42	128+00.00	RT	29.00	1059.11		
Q43	128+00.00	RT	42.00	1059.37		
Q44	128+25.00	RT	29.00	1058.61		
Q45	128+25.00	RT	42.00	1058.86		
Q46	128+25.00	RT	57.69	1059.01		
Q47	128+28.82	RT			64.16	1058.56
Q48	128+50.00	RT	29.00	1058.11		
Q49	128+50.00	RT	42.00	1058.36		
Q50	128+50.00	RT	46.45	1058.38		
Q51	128+52.58	RT			54.71	1057.92
Q52	128+75.00	RT	29.00	1057.61		
Q53	128+75.00	RT	41.46	1057.86		
Q54	128+75.05	RT	42.00	1057.87		
Q55	128+75.84	RT			51.06	1057.69
Q56	129+00.00	RT	29.00	1057.11		
Q57	129+00.00	RT	42.00	1057.37		

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
12 0	FAYETTE	0119	20K	56 OF 216	
BULLSKIN TOWNSHIP					
REVISION NUMBER	REVISIONS		DATE	BY	APPROVED

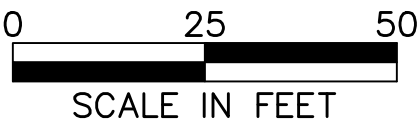
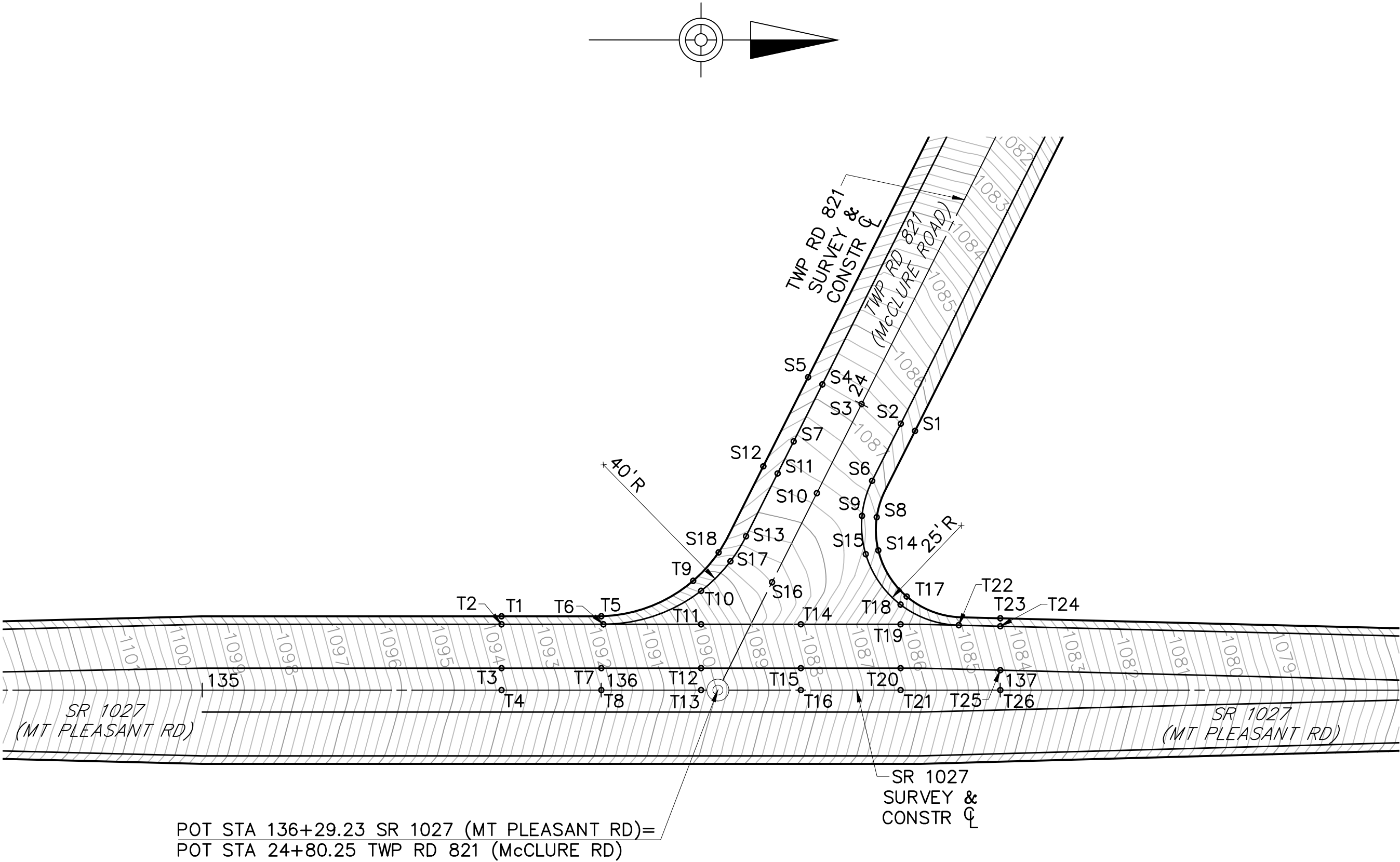
TWP RD 821			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
R1	21+00.00	LT		26.80	1060.04		
R2	21+03.20	LT				32.41	1059.66
R3	21+29.85	RT				39.18	1061.26
R4	21+25.00	RT		34.61	1061.66		
R5	21+25.00		1061.92				
R6	21+25.00	LT		16.07	1061.69		
R7	21+26.53	LT				21.17	1061.37
R8	21+52.21	RT				22.25	1063.44
R9	21+50.00	RT		17.10	1063.52		
R10	21+50.00		1063.93				
R11	21+50.00	LT		11.38	1063.73		
R12	21+50.34	LT				15.70	1063.47
R13	21+59.52	LT		11.00	1064.62		
R14	21+75.31	RT				16.19	1066.25
R15	21+75.00	RT		11.14	1066.05		
R16	21+75.00		1066.47				
R17	21+75.00	LT		11.00	1066.21		
R18	21+75.00	LT				15.00	1065.97
R19	21+79.62	RT		11.00	1066.54		
R20	22+00.00	RT				15.00	1068.56
R21	22+00.00	RT		11.00	1068.80		
R22	22+00.00		1069.22				
R23	22+00.00	LT		11.00	1068.94		
R24	22+00.00	LT				15.00	1068.70

File name: \\Roadway\\DIST-12\\SR0119\\20K (McClure Rd)\\Project Datum\\Construction\\SR 119 20K CON Plan\\0119-20K Intersection Grading Plan.dwg, May 02, 2025-12:29pm, jclark

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
12 0	FAYETTE	0119	20K	57 OF 216
BULLSKIN TOWNSHIP				
REVISION NUMBER	REVISIONS		DATE	BY
				APPROVED

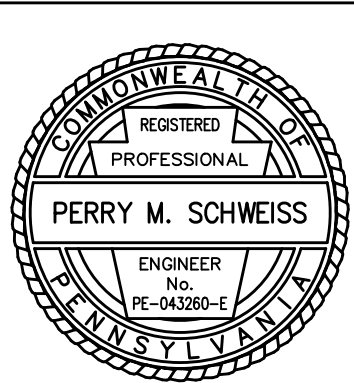
TWP RD 821			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
S1	24+00.00	LT				15.00	1086.37
S2	24+00.00	LT		11.00	1086.61		
S3	24+00.00		1086.78				
S4	24+00.00	RT		11.00	1086.82		
S5	24+00.00	RT				15.00	1086.58
S6	24+16.01	LT		11.00	1087.23		
S7	24+16.01	RT		11.00	1087.46		
S8	24+23.67	LT				16.13	1087.40
S9	24+25.00	LT		12.67	1087.62		
S10	24+25.00		1087.70				
S11	24+25.00	RT		11.00	1087.71		
S12	24+25.00	RT				15.00	1087.47
S13	24+42.64	RT		11.00	1088.27		
S14	24+30.91	LT				20.22	1087.35
S15	24+33.17	LT		17.82	1087.55		
S16	24+50.00		1088.59				
S17	24+50.00	RT		11.68	1088.71		
S18	24+49.32	RT				15.33	1088.49

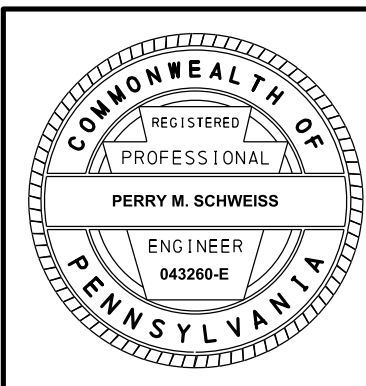
SR 1027			℄	EDGE OF LANE		EDGE OF SHLDR	
POINT NO	STATION		ELEV	OFFSET	ELEV	OFFSET	ELEV
T1	135+75.00	LT				18.50	1093.65
T2	135+75.00	LT		16.50	1093.77		
T3	135+75.00	LT		5.50	1093.99		
T4	135+75.00		1094.10				
T5	136+00.00	LT				18.51	1091.75
T6	136+00.53	LT		16.50	1091.87		
T7	136+00.00	LT		5.50	1092.09		
T8	136+00.00		1092.20				
T9	136+23.04	LT				27.39	1089.37
T10	136+25.00	LT		24.86	1089.56		
T11	136+25.00	LT		16.50	1089.97		
T12	136+25.00	LT		5.50	1090.19		
T13	136+25.00		1090.30				
T14	136+50.00	LT		16.50	1088.06		
T15	136+50.00	LT		5.50	1088.28		
T16	136+50.00		1088.39				
T17	136+76.56	LT				23.46	1086.23
T18	136+75.00	LT		21.42	1086.38		
T19	136+75.00	LT		16.50	1086.16		
T20	136+75.00	LT		5.50	1086.38		
T21	136+75.00		1086.49				
T22	136+89.60	LT		16.26	1085.06		
T23	137+00.00	LT				18.00	1084.15
T24	137+00.00	LT		16.00	1084.27		
T25	137+00.00	LT		5.00	1084.49		
T26	137+00.00		1084.59				



PROPOSED PAVEMENT ELEVATION PLAN

DESIGNED BY SUCEVIC, PICCOLOMINI & KUCHAR ENGINEERING, INC.		
DESIGN BY: JRC	DRAWN BY: SPK	CHECKED BY: PMS



TCP - TRAFFIC CONTROL PLAN S & PMP - SIGNING AND PAVEMENT MARKING PLAN STR 1 - STRUCTURE PLAN, S-39697				SUMMARY				STR 2 - STRUCTURE PLAN, S-40094 WR - WATERLINE RELOCATION PLAN SR - SANITARY SEWER RELOCATION PLAN HLP - HIGHWAY LIGHTING PLAN				REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET															
																12	FAYETTE	0119	20K	60 OF 216															
◆ - SEE SPECIAL PROVISIONS												BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP																							
												WMP - WETLAND MITIGATION PLAN												SMP - STREAM MITIGATION PLAN											
QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET																
	UNIT					UNIT					UNIT					UNIT					UNIT														
390	0633 0230 LF	PLAIN CONCRETE MOUNTABLE CURB, ROUNDABOUT TRUCK APRON CURB		63-68	1000	0804 0060 DOLLA	SOIL TESTING		97-110	10	0850 0033 CY	ROCK, CLASS R-5		97-110	7550	0901 0330 LF	4" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, WHITE		TCP																
335	0641 0005 SY	PLAIN CEMENT CONCRETE CURB GUTTER		114-115	74213	0806 0112 SY	TEMPORARY SHORT-TERM, ROLLED EROSION CONTROL PRODUCT, TYPE 2C		97-110	8	0850 0034 CY	ROCK, CLASS R-6		97-110	22840	0901 0331 LF	6" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, WHITE		TCP																
20447	4658 0003 SY	CONCRETE SHOULDERS,TYPE 2 TAPERED 8" MIN		63-68	1513	0806 0130 SY	TEMPORARY LONG-TERM, ROLLED EROSION CONTROL PRODUCT, TYPE 4		97-110	3	4850 0034 CY	ROCK, CLASS R-6 (CHOKED WITH STREAMBED SUBSTRATE)		SMP	580	0901 0332 LF	8" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, WHITE		TCP																
38560	0660 0010 LF	MILLED CONCRETE PAVEMENT SHOULDER/GORE RUMBLE STRIPS FOR INTERSTATES, EXPRESSWAYS AND FREEWAYS		63-68	36	4808 0120 EACH	SHRUB (SOUTHERN ARROW-WOOD)		SMP	349	0851 0003 SY	ROCK APRON		97-110	380	0901 0334 LF	24" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, WHITE		TCP																
200	0677 0002 TON	SELECTED MATERIAL SURFACING		72-73	36	4808 0121 EACH	SHRUB (EASTERN NINEBARK)		SMP	1	0855 0003 EACH	PUMPED WATER FILTER BAG		97-110	530	0901 0341 LF	6" STANDARD PAVEMENT MARKINGS, TAPE, YELLOW		TCP																
32	0680 0121 SY	MEMBRANE WATERPROOFING SYSTEM INSTALLED ON OTHER SURFACES		STR 2	37	4808 0122 EACH	SHRUB (SPICEBUSH)		SMP	1	0855 0004 EACH	REPLACEMENT PUMPED WATER FILTER BAG		97-110	28750	0901 0351 LF	6" STANDARD PAVEMENT MARKINGS, TAPE, WHITE		TCP																
	0686 0010 LS	CONSTRUCTION SURVEYING, TYPE A		NO TAB	36	4808 0123 EACH	SHRUB (COMMON ELDERBERRY)		SMP	122	0860 0000 EACH	INLET FILTER BAG FOR TYPE M INLET		97-110	220	0901 0352 LF	8" STANDARD PAVEMENT MARKINGS, TAPE, WHITE		TCP																
	0686 0020 LS	CONSTRUCTION SURVEYING, TYPE B		NO TAB	1101	0808 0140 EACH	LIVE STAKES (SILKY DOGWOOD)		WMP, SMP	68	0860 0001 EACH	INLET FILTER BAG FOR TYPE S INLET		97-110	2	0901 0451 EACH	3-LINE CHANGEABLE MESSAGE SIGN WITHOUT TELECOMMUNICATIONS		TCP																
	0686 0050 LS	CONSTRUCTION SURVEYING, TYPE D		NO TAB	1101	0808 0141 EACH	LIVE STAKES (RED OSIER DOGWOOD)		WMP, SMP	12	0860 0002 EACH	INLET FILTER BAG FOR TYPE C INLET		97-110	4	0910 0002 EACH	JUNCTION BOXES J.B.-2		HLP																
	0689 0005 LS	CPM SCHEDULE, WITH UPDATES		NO TAB	726	0808 0142 EACH	LIVE STAKES (SMOOTH ALDER)		WMP	9	0860 0020 EACH	PIPE/GRAVEL INLET PROTECTION FOR TYPE M INLET		97-110	7	0910 0154 EACH	POLE FOUNDATION, TYPE FC		HLP																
10000	0690 0003 DOLLA	FORMAL FACILITATION		NO TAB	1101	0808 0143 EACH	LIVE STAKES (COMMON BUTTONBUSH)		WMP, SMP	6	0860 0021 EACH	PIPE/GRAVEL INLET PROTECTION FOR TYPE S INLET		97-110	4	0910 1130 EACH	ALUMINUM LIGHTING POLE WITH 15-FOOT BRACKET ARM (40-FOOT MOUNTING HEIGHT) TYPE A		HLP																
7	0696 0610 EACH	TEMPORARY IMPACT ATTENUATING DEVICE, TYPE V (STANDARD), TEST LEVEL 3		TCP	1197	0808 7093 EACH	PICKEREL WEED (PLUG)		WMP	7005	0867 0012 LF	COMPOST FILTER SOCK, 12" DIAMETER		97-110	3	0910 1144 EACH	ALUMINUM LIGHTING POLE WITH 8-FOOT BRACKET ARM (40-FOOT MOUNTING HEIGHT) TYPE S		HLP																
13	0697 0610 EACH	RESET TEMPORARY IMPACT ATTENUATING DEVICE, TYPE V (STANDARD), TEST LEVEL 3		TCP	1197	0808 7101 EACH	RICE CUT GRASS (PLUG)		WMP	3492	0867 0018 LF	COMPOST FILTER SOCK, 18" DIAMETER		97-110	2690	0910 4116 LF	AWG 8 UNDERGROUND CABLE, COPPER, 1 CONDUCTOR		HLP																
965	0703 0020 CY	NO. 1 COARSE AGGREGATE		63-68, 97-110	1197	0808 7131 EACH	TUSsock SEDGE (PLUG)		WMP	1755	0867 0022 LF	COMPOST FILTER SOCK, 24" DIAMETER		97-110	930	0910 5055 LF	2" DIRECT BURIAL CONDUIT		HLP																
2	0703 0025 CY	NO. 57 COARSE AGGREGATE		STR 2	1197	0808 7210 EACH	SOFT STEM BULRUSH (PLUG)		WMP	2777	0867 0032 LF	COMPOST FILTER SOCK, 32" DIAMETER		97-110	930	0910 6000 LF	TRENCH		HLP																
4875	0802 0001 CY	TOPSOIL FURNISHED AND PLACED		97-110, 114-115	1027	0808 7221 EACH	WOOLGRASS (PLUG)		WMP		0901 0001 LS	MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION		NO TAB	1	0910 7020 EACH	COMPLETE POWER SUPPLY SYSTEM		HLP																
2922	0803 0001 CY	PLACING STOCKPILED TOPSOIL		WMP, SMP		0810 0024 LS	TREE TRIMMING TO AN UNLIMITED HEIGHT		NO TAB	2	0901 0102 EACH	SHADOW VEHICLE		TCP		0910 7210 LS	TESTING OF ENTIRE LIGHTING SYSTEM		HLP																
123	4803 0002 CY	PLACING STOCKPILED TOPSOIL MIXTURE		SMP		0810 0050 LS	SELECTIVE TREE REMOVAL		NO TAB	2	0901 0120 EACH	SPEED DISPLAY SIGN		TCP	775	0930 0004 SF	POST MOUNTED SIGNS, TYPE A		S & PMP																
221	0804 0025 LB	SEEDING AND SOIL SUPPLEMENTS - FORMULA B RESIDENTIAL MIX, INCLUDING MULCH		97-110, 114-115	28	0810 0052 EACH	SELECTIVE TREE REMOVAL		114-115	4	0901 0202 EACH	FLOODLIGHTS		TCP	228	4930 0004 SF	POST MOUNTED SIGNS, TYPE A, FOOTINGS IN ROCK EMBANKMENT		S & PMP																
789	0804 0026 LB	SEEDING AND SOIL SUPPLEMENTS - FORMULA C CONSERVATION MIX, INCLUDING MULCH		97-110	1000	0845 0001 DOLLA	UNFORESEEN WATER POLLUTION CONTROL		NO TAB	2	0901 0203 EACH	ARROW PANEL		TCP	6230	0930 0101 LB	STEEL S OR W BEAM POSTS		S & PMP																
5982	0804 0027 LB	SEEDING AND SOIL SUPPLEMENTS - FORMULA L CLEAR ZONE MIX, INCLUDING MULCH		97-110, 114-115	14	0849 0020 EACH	ROCK CONSTRUCTION ENTRANCE WITH WASH RACK		97-110	25	0901 0231 DAY	ADDITIONAL WARNING LIGHTS, TYPE B		TCP	837	0931 0003 SF	POST MOUNTED SIGNS, TYPE B, STEEL SQUARE POST		S & PMP																
21	0804 0029 LB	SEEDING AND SOIL SUPPLEMENTS - FORMULA P CONSERVATION MIX, INCLUDING MULCH		WMP	207	0850 0024 SY	ROCK, CLASS R-6		WMP	25	0901 0232 DAY	ADDITIONAL WARNING LIGHTS, TYPE C		TCP																					
108	0804 0030 LB	SEEDING AND SOIL SUPPLEMENTS - FORMULA R SEASONALLY FLOODED CONSERVATION MIX, INCLUDING MULCH		SMP, 97-110	91	0850 0031 CY	ROCK, CLASS R-3		97-110	400	0901 0240 SF	ADDITIONAL TRAFFIC CONTROL SIGNS		TCP																					
1185	0804 0032 LB	SEEDING - FORMULA T TEMPORARY GRASS MIX, INCLUDING MULCH		97-110	3075	0850 0032 CY	ROCK, CLASS R-4		97-110	61550	0901 0321 LF	6" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, YELLOW		TCP																					
SHEET 3 OF 5																				PROJECT ID: 4899				MPMS: 96661				ECMS: 96661				5/22/2025 8:14:25 AM			

TCP - TRAFFIC CONTROL PLAN S & PMP - SIGNING AND PAVEMENT MARKING PLAN STR 1 - STRUCTURE PLAN, S-39697 ◆ - SEE SPECIAL PROVISIONS				SUMMARY				STR 2 - STRUCTURE PLAN, S-40094 WR - WATERLINE RELOCATION PLAN SR - SANITARY SEWER RELOCATION PLAN HLP - HIGHWAY LIGHTING PLAN				REVISION NO		REVISIONS		DATE		BY		DISTRICT		COUNTY		ROUTE		SECTION		SHEET			
																				12		FAYETTE		0119		20K		61 OF 216			
																				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP											
												WMP - WETLAND MITIGATION PLAN										SMP - STREAM MITIGATION PLAN									
QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET												
	UNIT					UNIT					UNIT					UNIT					UNIT										
440	0932 0001 SF	POST MOUNTED SIGNS, TYPE C		S & PMP	2	4950 0001 EACH	TRAFFIC SIGNAL INTERSECTION REMOVAL (DELIVERED TO TOWNSHIP) ◆		114-115	13	0966 0014 EACH	SNOWPLOWABLE RAISED PAVEMENT MARKER TWO WAY HOLDER WITH REFLECTOR (Y/R)		S & PMP	30	9000 0001 CY	OVEREXCAVATION AND BACKFILLING UNDER FOUNDATIONS ◆		STR 1												
25	0934 0002 SF	POST MOUNTED SIGNS, TYPE E		S & PMP	780	0960 0001 LF	4" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	84	0966 0015 EACH	SNOWPLOWABLE RAISED PAVEMENT MARKER TWO WAY HOLDER WITH REFLECTOR (W/R)		S & PMP	82	9000 0002 CY	OVEREXCAVATION & BACKFILLING UNDER FOUNDATIONS AT CULVERT S-40094 ◆		STR 2												
516	0935 0001 SF	POST MOUNTED SIGNS, TYPE F		S & PMP	360	0960 0002 LF	4" YELLOW HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	18	0966 0017 EACH	SNOWPLOWABLE RAISED PAVEMENT MARKER TWO WAY HOLDER WITH REFLECTOR (Y/B)		S & PMP	208	9000 0003 LF	120" DIA. STEEL REINFORCED POLYETHYLENE (SRPE) LINER PIPE ◆		STR 2												
15	0936 0200 SF	STRUCTURE MOUNTED FLAT SHEET ALUMINUM SIGNS		S & PMP	390	0960 0009 LF	8" YELLOW HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	257	0966 0018 EACH	SNOWPLOWABLE RAISED PAVEMENT MARKER TWO WAY HOLDER WITH REFLECTOR (W/B)		S & PMP	7	9000 0004 EACH	70-W LED LUMINAIRE, ARM MOUNT ◆		HLP												
5	0937 0074 EACH	NON PLOWABLE RAISED PAVEMENT MARKERS (TWO WAY W/R)		S & PMP	50	0960 0011 LF	12" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	13	0971 0001 EACH	REMOVE POST MOUNTED SIGNS, TYPE B		S & PMP	93537	9000 0006 SY	CHEMICALLY STABILIZED SUBGRADE ◆		63-68												
26	0937 0075 EACH	NON PLOWABLE RAISED PAVEMENT MARKERS (TWO WAY Y/R)		S & PMP	180	0960 0021 LF	24" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	1	0974 0001 EACH	REMOVE POST MOUNTED SIGNS, TYPE E		S & PMP	4350	9000 0007 TON	CHEMICALLY STABILIZED SUBGRADE CEMENT ◆		63-68												
12	0937 0076 EACH	NON PLOWABLE RAISED PAVEMENT MARKERS (ONE WAY W/B)		S & PMP	310	0960 0022 LF	24" YELLOW HOT THERMOPLASTIC PAVEMENT MARKINGS		S & PMP	6	0975 0001 EACH	REMOVE POST MOUNTED SIGNS, TYPE F		S & PMP	2110	9000 0008 LF	LIVESTOCK FENCE ◆		113												
672	0937 0077 EACH	NON PLOWABLE RAISED PAVEMENT MARKERS (ONE WAY Y/B)		S & PMP	5	0960 0222 EACH	WHITE HOT THERMOPLASTIC LEGEND, "RIGHT ARROW", 12' - 0" X 3' - 0"		S & PMP	72	1001 1120 CY	CLASS A CEMENT CONCRETE		STR 2	354	9000 0009 LF	FENCE RELOCATION ◆		113												
4	0937 0104 EACH	GUIDE RAIL MOUNTED DELINEATOR TYPE B, (Y/B)		111-112	12	0960 0224 EACH	WHITE HOT THERMOPLASTIC LEGEND, "LEFT ARROW", 12' - 0" X 3' - 0"		S & PMP	4	1001 1140 CY	CLASS C CEMENT CONCRETE		STR 1	15	9000 0010 EACH	SETTLEMENT MONUMENTS ◆		71												
200	0937 0106 EACH	GUIDE RAIL MOUNTED DELINEATOR TYPE B, (W/B)		111-112	60	0960 0257 LF	WHITE HOT THERMOPLASTIC LEGEND, "YIELD LINE", 24" X 36" TRIANGLE, (MIN 4 TRIANGLES PER LINE)		S & PMP	6094	1002 0052 LB	REINFORCEMENT BARS, EPOXY COATED		STR 2	196	9000 0011 EACH	SETTLEMENT MONUMENT MONITORING ◆		71												
4	0937 0112 EACH	GUIDE RAIL MOUNTED DELINEATOR TYPE D, (Y/B)		111-112	61000	0962 1000 LF	4" WHITE WATERBORNE PAVEMENT MARKINGS		S & PMP	✕	1018 0070 LS	REMOVAL OF PORTION OF EXISTING CULVERT ◆		STR 2	872	9000 0012 CY	STABILIZATION OF UNDERGROUND MINE - AASHTO NO. 57 COARSE AGGREGATE ◆		71												
200	0937 0113 EACH	GUIDE RAIL MOUNTED DELINEATOR TYPE D, (W/B)		111-112	72300	0962 1001 LF	6" WHITE WATERBORNE PAVEMENT MARKINGS		S & PMP	5000	1999 9999 HOUR	TRAINEES ◆		NO TAB	6012	9000 0013 CY	STABILIZATION OF UNDERGROUND MINE - CLASS C CONCRETE ◆		71												
4	0937 0211 EACH	BARRIER MOUNTED DELINEATOR, TOP-MOUNT TYPE S, (W/B)		S & PMP	7720	0962 1002 LF	8" WHITE WATERBORNE PAVEMENT MARKINGS		S & PMP	✕	8030 0001 LS	BRIDGE STRUCTURE, AS DESIGNED, S-39697 ◆	27	STR 1	174	9000 0014 CY	STABILIZATION OF UNDERGROUND MINE - GROUT ◆		71												
112	0937 0212 EACH	BARRIER MOUNTED DELINEATOR, TOP-MOUNT TYPE S, (Y/Y)		S & PMP	62300	0962 1005 LF	4" YELLOW WATERBORNE PAVEMENT MARKINGS		S & PMP	AND 170724	1002 0052 LB	REINFORCEMENT BARS, EPOXY COATED	27	STR 1	✕	9000 0015 LS	STABILIZATION OF UNDERGROUND MINE, SURVEY ◆		71												
7	4937 0300 EACH	FLEXIBLE DELINEATOR POST, SURFACE-MOUNT TYPE SM-1, WHITE POST WITH WHITE SHEETING MOUNTED ON CONCRETE MEDIANS AND ISLANDS ◆		S & PMP	54000	0962 1006 LF	6" YELLOW WATERBORNE PAVEMENT MARKINGS		S & PMP	AND 56	1002 0138 EACH	MECHANICAL SPLICE SYSTEM FOR NO. 4 REINFORCEMENT BARS, EPOXY COATED	27	STR 1	✕	9000 0016 LS	STABILIZATION OF UNDERGROUND MINE, BOREHOLE HD TELEVISION CAMERA ◆		71												
18	4937 0301 EACH	FLEXIBLE DELINEATOR POST, SURFACE-MOUNT TYPE SM-1, YELLOW POST WITH YELLOW SHEETING MOUNTED ON CONCRETE MEDIANS AND ISLANDS ◆		S & PMP	1810	0963 0001 SF	PAVEMENT MARKING REMOVAL		TCP	AND 16	1002 0140 EACH	MECHANICAL SPLICE SYSTEM FOR NO. 5 REINFORCEMENT BARS, EPOXY COATED	27	STR 1	27300	9000 0017 VF	STABILIZATION OF UNDERGROUND MINE, INJECTION HOLE DRILLING ◆		71												
65	0937 0330 EACH	FLEXIBLE DELINEATOR POST, GROUND-MOUNT TYPE GM-2, WHITE POST WITH WHITE/BLANK SHEETING		S & PMP	96700	0963 0006 LF	6" PAVEMENT MARKING REMOVAL		TCP	AND 121	1002 0220 LB	STAINLESS STEEL REINFORCEMENT BARS	27	STR 1	1500	9000 0018 LF	STABILIZATION OF UNDERGROUND MINE, PERFORMANCE TESTING DRILLING ◆		71												
5	0937 0331 EACH	FLEXIBLE DELINEATOR POST, GROUND-MOUNT TYPE GM-2, WHITE POST WITH WHITE/RED SHEETING		S & PMP	510	0963 0008 LF	8" PAVEMENT MARKING REMOVAL		TCP	AND 711	1005 1410 LF	MANDATORY PREDRILLING FOR DRIVEN PILES	27	STR 1	75	9000 0019 EACH	STABILIZATION OF UNDERGROUND MINE, OBSERVATION HOLE DRILLING ◆		71												
22	0937 0333 EACH	FLEXIBLE DELINEATOR POST, GROUND-MOUNT TYPE GM-2, YELLOW POST WITH YELLOW/BLANK SHEETING		S & PMP	14	0963 0010 EACH	PAVEMENT MARKING REMOVAL (LEGENDS AND SYMBOLS)		TCP	AND 746	1005 1850 LF	STEEL HP14X117 PRODUCTION PILE	27	STR 1	76	9000 0020 EACH	REMOVE AND RESET MAILBOX AS DIRECTED ◆		114-115												
1	0937 0336 EACH	FLEXIBLE DELINEATOR POST, GROUND-MOUNT TYPE GM-2, RED POST WITH RED/BLANK SHEETING		S & PMP	1280	0964 0021 LF	24" WHITE EPOXY PAVEMENT MARKINGS		S & PMP	AND 26	1005 1950 EACH	STEEL HP14X117 PILE TIP REINFORCEMENT (NORMAL DUTY)	27	STR 1	25000	9000 0021 DOLLA	LOCATE EXISTING UNDERGROUND FACILITIES ◆		NO TAB												
16	4937 0338 EACH	FLEXIBLE DELINEATOR POST, GROUND-MOUNT TYPE GM-2, RED POST WITH RED/YELLOW SHEETING, WITH STICKER ◆		97-110	285	0964 0022 LF	24" YELLOW EPOXY PAVEMENT MARKINGS		S & PMP	✕	8000 0001 LS	PRESTRESSED CONCRETE BRIDGE STRUCTURE ◆	27	STR 1	✕	9000 0022 LS	STABILIZATION OF UNDERGROUND MINE, BOREHOLE TELEVISION CAMERA (SECONDARY) ◆		71												
14	0937 0339 EACH	FLEXIBLE DELINEATOR POST, GROUND-MOUNT TYPE GM-2, RED POST WITH WHITE/BLANK SHEETING		S & PMP	18	0964 0222 EACH	WHITE EPOXY LEGEND, "RIGHT ARROW", 12' - 0" X 3' - 0"		TCP, S & PMP	✕	8100 0001 LS	STEEL BRIDGE STRUCTURE ◆	27	STR 1	COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER PERRY M. SCHWEISS 043260-E																
1	0937 0340 EACH	FLEXIBLE DELINEATOR POST, GROUND-MOUNT TYPE GM-2, RED POST WITH YELLOW/BLANK SHEETING		S & PMP	22	0964 0230 EACH	WHITE EPOXY LEGEND, "WRONG WAY ARROW" , 23'-0"		TCP, S & PMP	✕	8800 0001 LS	UTILITY RELOCATION - WATERLINE ◆		WR																	
2	0941 0001 EACH	RESET POST MOUNTED SIGNS, TYPE B		S & PMP	16	0966 0011 EACH	SNOWPLOWABLE RAISED PAVEMENT MARKER TWO WAY HOLDER WITH REFLECTOR (Y/Y)		S & PMP	✕	8800 0002 LS	UTILITY RELOCATION - MUNICIPAL AUTHORITY OF WESTMORELAND COUNTY ◆		SR																	
SHEET 4 OF 5																															
PROJECT ID: 4899										MPMS: 96661					ECMS: 96661					5/22/2025 8:14:25 AM											

TCP - TRAFFIC CONTROL PLAN S & PMP - SIGNING AND PAVEMENT MARKING PLAN STR 1 - STRUCTURE PLAN, S-39697 ◆ - SEE SPECIAL PROVISIONS				SUMMARY				STR 2 - STRUCTURE PLAN, S-40094 WR - WATERLINE RELOCATION PLAN SR - SANITARY SEWER RELOCATION PLAN HLP - HIGHWAY LIGHTING PLAN				REVISION NO		REVISIONS		DATE		BY		DISTRICT		COUNTY		ROUTE		SECTION		SHEET			
																		12		FAYETTE		0119		20K		62 OF 216					
																						BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP									
												WMP - WETLAND MITIGATION PLAN										SMP - STREAM MITIGATION PLAN									
QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET	QUANTITY	ITEM NO	DESCRIPTION	DESIGN NO	FOR TAB SEE SHEET							
	UNIT					UNIT					UNIT					UNIT					UNIT					UNIT		UNIT		UNIT	
13	9000 0023 EACH	TYPE D-W ENDWALL FOR 18" PIPE		74-94	11	9000 0064 EACH	ROOT WAD		WMP		9000 5101 LS	ELECTRONIC TICKETING (E-TICKETING) FOR CONSTRUCTION AGGREGATE		NO TAB																	
11	9000 0024 EACH	TYPE D-W ENDWALL FOR 24" PIPE		74-94	2280	9000 0065 EACH	LIVE WHIPS		SMP		9000 5103 LS	ELECTRONIC TICKETING (E-TICKETING) FOR CONSTRUCTION CONCRETE		NO TAB																	
4	9000 0025 EACH	TYPE D-W ENDWALL FOR 30" PIPE		74-94		9000 0066 LS	PLANT ESTABLISHMENT		NO TAB		9000 5501 LS	ENVIRONMENTAL PRODUCT DECLARATION (EPDS) FOR CONSTRUCTION ASPHALT MIXTURES		NO TAB																	
1	9000 0026 EACH	DYNAMIC PILE TESTING, S-39697		STR 1		9000 0100 LS	TEMPORARY WATER DIVERSION SYSTEM 1		97-110		9000 6170 LS	PORTLAND CEMENT CONCRETE PAVEMENT TRAINING		NO TAB																	
182	9000 0027 SF	POST MOUNTED SIGNS, TYPE A, WITH PTST LOGO		S & PMP		9000 0101 LS	TEMPORARY WATER DIVERSION SYSTEM 2		97-110		9203 0101 LS	TEMPORARY EXCAVATION SUPPORT & PROTECTION SYSTEM		STR 2																	
1	9000 0028 EACH	TEMPORARY BARRIER, ROADWAY TO ROADWAY TRANSITION		TCP		9000 0102 LS	TEMPORARY WATER DIVERSION SYSTEM 3		97-110																						
500000	9000 0029 DOLLA	MAINTENANCE AND PROTECTION OF TRAFFIC DURING WINTER SHUTDOWN		TCP		9000 0103 LS	TEMPORARY WATER DIVERSION SYSTEM 4		97-110																						
280	9000 0030 LF	REMOVE EXISTING GUIDE RAIL (MUNICIPAL PROPERTY)		111-112		9000 0104 LS	TEMPORARY WATER DIVERSION SYSTEM 5		97-110																						
	9000 0031 LS	ROADWAY CONDITION INSPECTION AND VIDEO LOG OF DETOUR ROUTE		NO TAB		9000 0105 LS	TEMPORARY WATER DIVERSION SYSTEM 6		97-110																						
50000	9000 0032 DOLLA	REPAIR OF DETOUR ROUTES		NO TAB		9000 0106 LS	TEMPORARY WATER DIVERSION SYSTEM 7		97-110																						
5657	9000 0050 SY	BIODEGRADABLE EROSION CONTROL MATTING		WMP, SMP		9000 0107 LS	TEMPORARY SEDIMENT BASIN 1210-BDD-001		97-110																						
417	9000 0051 SY	BIODEGRADABLE EROSION CONTROL MATTING, NON-WOVEN		SMP		9000 0108 LS	PERMANENT STORMWATER BASIN 1210-BDD-001		97-110																						
751	9000 0052 TON	ROCK, 24 INCH TO 36 INCH		WMP, SMP		9000 0109 LS	TEMPORARY SEDIMENT BASIN 1210-BDD-002		97-110																						
108	9000 0053 CY	STREAMBED SUBSTRATE		SMP		9000 0110 LS	PERMANENT STORMWATER BASIN 1210-BDD-002		97-110																						
2	9000 0054 CY	CONCRETE SEWER ENCASEMENT		SMP		9000 0111 LS	TEMPORARY SEDIMENT BASIN 1210-BDD-003		97-110																						
305	9000 0055 CY	IMPERVIOUS MATERIAL		WMP		9000 0112 LS	PERMANENT STORMWATER BASIN 1210-BDD-003		97-110																						
25	9000 0056 EACH	LARGE WOODY DEBRIS		WMP		9000 0113 LS	TEMPORARY SEDIMENT BASIN 1210-BDD-005		97-110																						
1197	9000 0057 EACH	HOP SEDGE (PLUG)		WMP		9000 0114 LS	PERMANENT STORMWATER BASIN 1210-BDD-005		97-110																						
1197	9000 0058 EACH	LONGHAIR SEDGE (PLUG)		WMP		9000 0115 LS	TEMPORARY SEDIMENT BASIN 1210-BDD-006		97-110																						
1197	9000 0059 EACH	BUSHY BEARDGRASS (PLUG)		WMP		9000 0116 LS	PERMANENT STORMWATER BASIN 1210-BDD-006		97-110																						
1197	9000 0060 EACH	AMERICAN BURREED (PLUG)		WMP		9000 0117 LS	TEMPORARY SEDIMENT BASIN 1210-BDD-004		97-110																						
1197	9000 0061 EACH	SWAMP MILKWEED (PLUG)		WMP		9000 0118 LS	PERMANENT STORMWATER BASIN 1210-BDD-004		97-110																						
1027	9000 0062 EACH	GREEN BULRUSH (PLUG)		WMP	2	9000 0200 EACH	POST MOUNTED SIGNS, TYPE F, REFLECTIVE STRIP		S & PMP																						
1197	9000 0063 EACH	BROAD-LEAF ARROWHEAD (PLUG)		WMP	25000	9000 0300 DOLLA	INCIDENT MANAGEMENT PLAN		TCP																						

SHEET 5 OF 5PROJECT ID: 4899MPMS: 96661ECMS: 966615/22/2025 8:14:25 AM

SHEET 1A OF 3B

PROJECT ID: 4899

MPMS: 96661

5/6/2025 12:00:13 PM

COMMONWEALTH OF
REGISTERED
PROFESSIONAL
PERRY M. SCHWEISS
ENGINEER
043260-E

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	64 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

SHEET 1B OF 3B PROJECT ID: 4899 MPMS: 96661 ECMS: 96661 5/6/2025 12:00:13 PM

SHEET 2A OF 3B

PROJECT ID: 4899

MPMS: 96661

ECMS: 96661

5/6/2025 12:00:13 PM

SHEET 2A OF 3B

COMMONWEALTH OF
REGISTERED
PROFESSIONAL
PERRY M. SCHWEISS
ENGINEER
043260-E
PENNSYLVANIA

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	66 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	66 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES ROADWAY	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	67 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

CLASS 1 EXCAVATION		SAW CUTTING		SPECIAL ROLLING		EXCAVATION/BACKFILL/COMPACTION		GEOTEXTILE CLASS 4		GEOTEXTILE, CLASS 4, TYPE A		GEOGRIDS, CLASS 3, TYPE A		PERMEABLE BASE COURSE DESIGN NO. 1		SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 3" DEPTH		SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 5" DEPTH		SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 5 1/2" DEPTH		SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 6 1/2" DEPTH		SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 9" DEPTH		SUPERPAVE ASPHALT MIXTURE DESIGN, FLEXIBLE BASE REPLACEMENT, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX		SUBBASE 6" DEPTH (NO. 2A)		SUBBASE (NO. 2A)		SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H		SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-M		SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64E-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H		SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64E-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-M		SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE (LEVELING), PG 64S-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, SRL-L		SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE (LEVELING), PG 64E-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, SRL-L		SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH		SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64E-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH		ASPHALT TACK COAT (NTT/CNTT)		MILLING OF ASPHALT PAVEMENT SURFACE, 2" DEPTH, MILLED MATERIAL RETAINED BY CONTRACTOR		PLAIN CEMENT CONCRETE PAVEMENT, 4" DEPTH		ITEM NUMBER		UNIT		REMARKS		SIDE		STATIONS																																																																																																																																																				
0203 0001	CY	0203 0006	LF	0208 0001	0208 0002	0208 0003	0208 0004	0212 0001	0212 0002	0212 0003	0212 0004	0221 0001	0221 0002	0221 0003	0221 0004	0303 (+)	0303 (-)	0313 0420	0313 0421	0313 0422	0313 0423	0313 0424	0313 0425	0313 0426	0313 0427	0313 0428	0313 0429	0313 0430	0313 0431	0313 0432	0313 0433	0313 0434	0313 0435	0313 0436	0313 0437	0313 0438	0313 0439	0313 0440	0313 0441	0313 0442	0313 0443	0313 0444	0313 0445	0313 0446	0313 0447	0313 0448	0313 0449	0313 0450	0313 0451	0313 0452	0313 0453	0313 0454	0313 0455	0313 0456	0313 0457	0313 0458	0313 0459	0313 0460	0313 0461	0313 0462	0313 0463	0313 0464	0313 0465	0313 0466	0313 0467	0313 0468	0313 0469	0313 0470	0313 0471	0313 0472	0313 0473	0313 0474	0313 0475	0313 0476	0313 0477	0313 0478	0313 0479	0313 0480	0313 0481	0313 0482	0313 0483	0313 0484	0313 0485	0313 0486	0313 0487	0313 0488	0313 0489	0313 0490	0313 0491	0313 0492	0313 0493	0313 0494	0313 0495	0313 0496	0313 0497	0313 0498	0313 0499	0313 0500	0313 0501	0313 0502	0313 0503	0313 0504	0313 0505	0313 0506	0313 0507	0313 0508	0313 0509	0313 0510	0313 0511	0313 0512	0313 0513	0313 0514	0313 0515	0313 0516	0313 0517	0313 0518	0313 0519	0313 0520	0313 0521	0313 0522	0313 0523	0313 0524	0313 0525	0313 0526	0313 0527	0313 0528	0313 0529	0313 0530	0313 0531	0313 0532	0313 0533	0313 0534	0313 0535	0313 0536	0313 0537	0313 0538	0313 0539	0313 0540	0313 0541	0313 0542	0313 0543	0313 0544	0313 0545	0313 0546	0313 0547	0313 0548	0313 0549	0313 0550	0313 0551	0313 0552	0313 0553	0313 0554	0313 0555	0313 0556	0313 0557	0313 0558	0313 0559	0313 0560	0313 0561	0313 0562	0313 0563	0313 0564	0313 0565	0313 0566	0313 0567	0313 0568	0313 0569	0313 0570	0313 0571	0313 0572	0313 0573	0313 0574	0313 0575	0313 0576	0313 0577	0313 0578	0313 0579	0313 0580	0313 0581	0313 0582	0313 0583	0313 0584	0313 0585	0313 0586	0313 0587	0313 0588	0313 0589	0313 0590	0313 0591	0313 0592	0313 0593	0313 0594	0313 0595	0313 0596	0313 0597	0313 0598	0313 0599	0313 0600	0313 0601	0313 0602	0313 0603	0313 0604	0313 0605	0313 0606	0313 0607	0313 0608	0313 0609	0313 0610	0313 0611	0313



REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	68 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	68 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES

EARTHWORK

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	69 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES

EARTHWORK

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	70 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

CLASS 1 EXCAVATION			CLASS 2 EXCAVATION			FOREIGN BORROW EXCAVATION			SELECTED BORROW EXCAVATION, 206 ROCK, SANDSTONE			SELECTED BORROW EXCAVATION ROCK, CLASS R-3			EMBANKMENT (FOR INFORMATION ONLY)																					REMARKS			SIDE	STATIONS	
0203	0001	CY	0204	0001	CY	0205	0100	CY	4205	0200	CY	0205	0263	CY		CY															ITEM	NUMBER	UNIT								
63																														SWALE			RT	245+75.00 to 246+75.00							
101									163						5															EMBANKMENT BENCH			RT	246+05.00 to 246+95.00							
87												154																		EMBANKMENT BENCH			RT	250+80.00 to 252+25.00							
																														TWP RD 793 (WEDDING LANE)											
371																														EARTHWORK			LT / RT	28+71.92 to 30+00.00							
84																														DITCH			LT	34+00.00 to 35+00.00							
																														TWP RD 821 (MCCLURE ROAD)											
1055															16															EARTHWORK			LT / RT	17+85.70 to 24+78.38							
																														DRIVEWAY B											
1															82															EARTHWORK			LT / RT	10+16.95 to 11+30.07							
																														DRIVEWAY C											
10															81															EARTHWORK			LT / RT	10+00.00 to 11+75.22							
																														DRIVEWAY D											
7															268															EARTHWORK			LT / RT	21+50.00 to 25+02.01							
210									210																					EMBANKMENT BENCH FOR DRIVEWAY D			LT	22+60.00 to 23+15.00							
																														DRIVEWAY E											
75																														EARTHWORK			LT / RT	10+21.44 to 11+50.00							
																														DRIVEWAY F											
106																														EARTHWORK			LT / RT	10+16.00 to 11+25.00							
244219			3928			28788			33050			4326			120703																		TOTALS								

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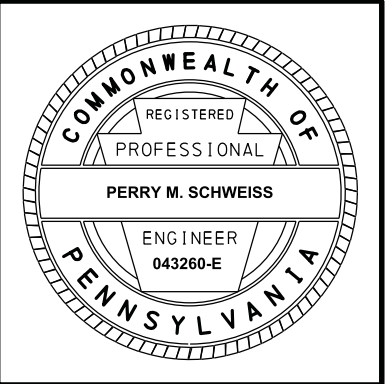
SHEET 1 OF 1

PROJECT ID: 4899

MPMS: 96661

ECMS: 96661

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TABULATION OF QUANTITIES

DRIVEWAYS

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	72 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES

DRIVEWAYS

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	73 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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SHEET 1A OF 7C

PROJECT ID: 4899

MPMS: 96661

ECMS: 96661

TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	75 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	76 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	76 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

[illegible]

TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	77 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	78 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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REMARKS										SIDE	STATIONS
TYPE 4 MANHOLE, STORM WATER, HEIGHT >5' AND < /= 10'										SIDE	STATIONS
0605 3011	EACH										
TYPE 5 MANHOLE, STORM WATER, HEIGHT >5' AND < /= 10'										SIDE	STATIONS
0605 3021	EACH										
TYPE 6 MANHOLE, STORM WATER, HEIGHT >5' AND < /= 10'										SIDE	STATIONS
0605 3031	EACH										
TYPE 6 MANHOLE, STORM WATER, HEIGHT >10' AND < /= 20'										SIDE	STATIONS
0605 3032	EACH										
TYPE C CONCRETE TOP UNIT, 4" CURB HEIGHT AND BICYCLE SAFE GRATE										SIDE	STATIONS
0605 5701	SET										
TYPE C CONCRETE TOP UNIT, 8" CURB HEIGHT AND BICYCLE SAFE GRATE										SIDE	STATIONS
0605 5721	SET										
ITEM NUMBER	UNIT									SIDE	STATIONS
		PIPE, INLET AND ENDWALL (C6-0,C6-1)								LT / RT	87+88.00
		COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (C5-0)								LT	87+91.00 to 91+48.00
		PIPES AND INLETS (C5-1,C5-2,C5-3)								LT / RT	89+75.00
		REMOVE EXISTING INLETS AND PLUG EXISTING PIPE								LT / RT	90+36.39 to 93+38.95
		REMOVE EXISTING INLETS AND PLUG EXISTING PIPES								LT / RT	90+42.98 to 90+55.38
1		MANHOLE AND SLOPE PIPE (C3-1)								RT	91+25.00 to 91+50.00
		PIPE AND INLETS (C3-0,C4-0)								LT / RT	91+50.00
		PIPE								RT	91+52.00 to 94+21.00
		COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (C2-2)								LT	93+03.00 to 94+20.00
		PIPE AND INLETS (C2,C2-1)								LT / RT	94+21.87
	1	PIPE AND MANHOLE (C1)								RT	94+22.00 to 94+24.43
		PIPE AND INLETS (D3-1,D4-1,D4-2,D6-1)								LT / RT	95+84.00
		COMBINATION STORM SEWER AND UNDERDRAIN AND PIPES								LT / RT	95+86.00 to 96+07.00
		PLUG PORTION OF EXISTING PIPE								LT	96+05.91 to 96+07.00
		PIPES AND INLETS (D3-0,D4-0,D5,D6-0)								LT / RT	96+09.00
		COMBINATION STORM SEWER AND UNDERDRAIN AND PIPES								LT / RT	96+11.00 to 96+32.00
	2	PIPES AND MANHOLES WITH RESILIENCY MEASURES (D1,D8)								LT / RT	96+28.00
		PIPE								LT	96+30.00 to 96+34.00
		PIPE AND INLETS (D2,S4-3,D4-4,D6-2)								LT / RT	96+34.00
		PIPE AND INLET (D7-1)								RT	96+36.00 to 97+57.00
		REMOVE EXISTING INLET AND PLUG EXISTING PIPE								LT / RT	98+43.31 to 98+43.61
		PIPES AND INLETS (E3,E4,E5,E6)								LT / RT	103+92.00
		COMBINATION STORM SEWER AND UNDERDRAIN								LT	103+94.00 to 107+18.00
		REMOVE EXISTING PARALLEL PIPES								LT	103+95.00 to 107+34.00
		PIPES, INLETS AND ENDWALL (E1,E2-0,E2-1,E2-2)								LT	107+20.00 to 107+45.00
		REMOVE PORTION OF AND PLUG EXISTING PIPE								LT / RT	107+67.96 to 107+99.86
		PIPES, INLETS AND ENDWALLS (P4-1,P4-2,P4-3)								LT / RT	107+68.00 to 107+93.00
		REMOVE EXISTING INLET AND PLUG EXISTING PIPE								LT / RT	110+42.84 to 110+43.00

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				12	FAYETTE	0119	20K	79 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	79 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	80 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

[illegible]

TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	81 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

0601 2823		LF		18" CORRUGATED ALUMINUM ALLOY PIPE, TYPE I, (2 2/3" X 1/2" CORRUGATIONS), 16 GAGE	
0601 5901		LF		CLEANING EXISTING PIPE CULVERTS, DIAMETERS UP TO AND INCLUDING 36"	
0601 7014		LF		18" REINFORCED CONCRETE PIPE, TYPE A, 15' - 2' FILL, 100 YEAR DESIGN LIFE	
0601 7308		LF		15" REINFORCED CONCRETE PIPE, TYPE B, 20' - 1.5' FILL	
0604 (+)		LF		24" PIPE DESIGN NO. 21	
0604 (+)		LF		30" PIPE DESIGN NO. 22	
0604 (+)		LF		18" PIPE DESIGN NO. 23	
0604 7014		LF		18" REINFORCED CONCRETE PIPE, TYPE A, (OPEN JOINT), 15' - 2' FILL, 100 YEAR DESIGN LIFE	
0604 (+)		LF		24" PIPE DESIGN NO. 24	
0604 (+)		LF		30" PIPE DESIGN NO. 25	
0605 1300		EACH		CLEANING DRAINAGE STRUCTURES	
0605 2401		SET		MANHOLE FRAME AND COVER	
0605 2652		EACH		TYPE D-E ENDWALL FOR 18" PIPE	
0605 2676		EACH		TYPE D-W ENDWALL FOR 36" PIPE	
0605 2730		SET		TYPE M CONCRETE TOP UNIT AND GRATE	
0605 2731		SET		TYPE M CONCRETE TOP UNIT AND BICYCLE SAFE GRATE	
0605 2850		EACH		STANDARD INLET BOX, HEIGHT < /≅ 10'	
0605 2851		EACH		STANDARD INLET BOX, HEIGHT > 10' AND < /≅ 20'	
0605 2854		EACH		TYPE 4 INLET BOX, HEIGHT < /≅ 10'	
0605 2855		EACH		TYPE 4 INLET BOX, HEIGHT > 10' AND < /≅ 20'	
0605 3011		EACH		TYPE 4 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'	
0605 3021		EACH		TYPE 5 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'	
0605 3031		EACH		TYPE 6 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'	
0605 3032		EACH		TYPE 6 MANHOLE, STORM WATER, HEIGHT >10' AND < /≅ 20'	
0605 5701		SET		TYPE C CONCRETE TOP UNIT, 4" CURB HEIGHT AND BICYCLE SAFE GRATE	
0605 5721		SET		TYPE C CONCRETE TOP UNIT, 8" CURB HEIGHT AND BICYCLE SAFE GRATE	
ITEM NUMBER		UNIT			
REMARKS				SIDE	STATIONS
PIPES, INLETS AND ENDWALL (G1,G2,G3,G4)				LT / RT	112+00.00 to 112+32.00
PIPE AND ENDWALLS WITH RESILIENCY MEASURES (P6-1,P6-2)				LT / RT	112+62.00 to 113+74.00
REMOVE EXISTING INLET AND PLUG EXISTING PIPE				LT / RT	113+92.00 to 113+92.78
PIPES AND INLETS (J13-0,J13-1,J13-2)				LT / RT	116+92.00
COMBINATION STORM SEWER AND UNDERDRAIN				RT	116+94.00 to 119+90.00
REMOVE EXISTING PIPE				RT	116+94.00 to 119+90.00
PIPES, INLETS AND ENDWALL (J11-0,J11-1,J11-2,J12)				LT / RT	119+92.00 to 120+00.00
COMBINATION STORM SEWER AND UNDERDRAIN				RT	119+94.00 to 122+89.00
REMOVE EXISTING PIPE				RT	119+96.00 to 122+89.00
PIPES, INLETS AND ENDWALL (J7-0,J7-1,J8,J9,J10-0)				LT / RT	122+91.00 to 123+07.97
PIPE, COMBINATION STORM SEWER AND UNDERDRAIN, INLET AND ENDWALL (J10-1,J10-2)				RT	122+93.00 to 123+50.00
REMOVE EXISTING PIPE				LT	123+13.00 to 127+58.00
PIPE, COMBINATION STORM SEWER AND UNDERDRAIN AND INLETS (N7,N8)				RT	125+30.00 to 126+75.00
PLUG EXISTING PIPE				RT	125+31.00 to 127+32.00
PIPES AND INLETS (J6-1,J6-2,J6-3)				LT / RT	127+50.00
REMOVE EXISTING INLETS AND PLUG EXISTING PIPES				LT	127+60.63 to 127+60.79
PLUG PORTION OF EXISTING PIPE				LT	127+63.00 to 128+75.00
COMBINATION STORM SEWER AND UNDERDRAIN AND INLETS (N2,N3,N4)				RT	128+30.00 to 130+15.00
REMOVE EXISTING INLET AND PLUG EXISTING PIPE				RT	128+37.00 to 130+25.00
PIPE AND ENDWALL (N1)				RT	130+17.00 to 131+00.00
PIPE, INLET AND MANHOLE (J4-0,J4-1)				LT	130+50.00
PIPE AND INLET (J4-1-1)				LT / RT	130+50.00
PIPE				LT	130+53.00 to 132+98.00
REMOVE EXISTING INLET AND PLUG EXISTING PIPE				LT / RT	132+18.56 to 132+19.64
PIPES AND INLETS (J2,J3-0,J3-1,J3-2)				LT / RT	133+00.00
REMOVE EXISTING INLET AND PLUG EXISTING PIPE				LT / RT	135+44.73 to 135+63.86
PIPE AND INLET (M2-1)				LT	135+48.00 to 135+72.50
PIPE AND ENDWALL (K1)				RT	135+48.00 to 135+72.50



REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	82 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	82 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	83 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	84 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

0601 2823		LF		18" CORRUGATED ALUMINUM ALLOY PIPE, TYPE I, (2 2/3" X 1/2" CORRUGATIONS), 16 GAGE	
0601 5901		LF		CLEANING EXISTING PIPE CULVERTS, DIAMETERS UP TO AND INCLUDING 36"	
0601 7014		LF		18" REINFORCED CONCRETE PIPE, TYPE A, 15' - 2' FILL, 100 YEAR DESIGN LIFE	
0601 7308		LF		15" REINFORCED CONCRETE PIPE, TYPE B, 20' - 1.5' FILL	
0604 (+)		LF		24" PIPE DESIGN NO. 21	
0604 (+)		LF		30" PIPE DESIGN NO. 22	
0604 (+)		LF		18" PIPE DESIGN NO. 23	
0604 7014		LF		18" REINFORCED CONCRETE PIPE, TYPE A, (OPEN JOINT), 15' - 2' FILL, 100 YEAR DESIGN LIFE	
0604 (+)		LF		24" PIPE DESIGN NO. 24	
0604 (+)		LF		30" PIPE DESIGN NO. 25	
0605 1300		EACH		CLEANING DRAINAGE STRUCTURES	
0605 2401		SET		MANHOLE FRAME AND COVER	
0605 2652		EACH		TYPE D-E ENDWALL FOR 18" PIPE	
0605 2676		EACH		TYPE D-W ENDWALL FOR 36" PIPE	
0605 2730		SET		TYPE M CONCRETE TOP UNIT AND GRATE	
0605 2731		SET		TYPE M CONCRETE TOP UNIT AND BICYCLE SAFE GRATE	
0605 2741		SET		TYPE S CONCRETE TOP UNIT AND BICYCLE SAFE GRATE	
0605 2850		EACH		STANDARD INLET BOX, HEIGHT < /≅ 10'	
0605 2851		EACH		STANDARD INLET BOX, HEIGHT > 10' AND < /≅ 20'	
0605 2854		EACH		TYPE 4 INLET BOX, HEIGHT < /≅ 10'	
0605 2855		EACH		TYPE 4 INLET BOX, HEIGHT > 10' AND < /≅ 20'	
0605 3011		EACH		TYPE 4 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'	
0605 3021		EACH		TYPE 5 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'	
0605 3031		EACH		TYPE 6 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'	
0605 3032		EACH		TYPE 6 MANHOLE, STORM WATER, HEIGHT >10' AND < /≅ 20'	
0605 5701		SET		TYPE C CONCRETE TOP UNIT, 4" CURB HEIGHT AND BICYCLE SAFE GRATE	
0605 5721		SET		TYPE C CONCRETE TOP UNIT, 8" CURB HEIGHT AND BICYCLE SAFE GRATE	
ITEM NUMBER	UNIT	REMARKS			
				LT	135+48.00 to 138+05.00
				LT / RT	135+50.00 to 135+97.50
				RT	135+89.00 to 136+71.94
				LT	137+18.00 to 138+03.00
				LT	138+07.00 to 138+81.00
				LT / RT	138+83.50 to 139+05.00
				LT	138+93.00 to 145+22.00
				LT / RT	142+22.00 to 142+52.63
				LT / RT	145+22.00 to 145+52.00
				LT / RT	12+00.00 to 14+34.00
				LT / RT	23+85.00
				LT / RT	25+88.00 to 26+05.00
				LT / RT	27+17.00
				LT / RT	13+90.66 to 14+08.03
				LT	15+49.00 to 16+72.00
				RT	16+16.00 to 16+89.00
				LT / RT	16+72.00 to 16+89.00
				RT	16+89.00 to 19+25.00
				LT / RT	71+80.00 to 572+11.00
				RT	570+77.45 to 572+11.00
				RT	572+11.00 to 121+91.00
				LT / RT	572+11.00 to 572+21.00
				LT / RT	121+91.00 to 122+23.00



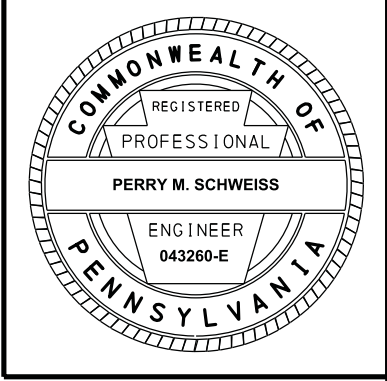
REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	85 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	85 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	86 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

CLASS 2 EXCAVATION			REMARKS	SIDE	STATIONS
0204 0001 CY	0204 0010 LF				
CLEANING EXISTING DITCHES EXCAVATION					
FLOWABLE BACKFILL, TYPE C					
0316 0337 TON	0220 0020 CY				
SUPERPAVE ASPHALT MIXTURE DESIGN, FLEXIBLE BASE REPLACEMENT, PG 64S-22, < 0.3 MILLION ESALS, 25.0 MM MIX					
0316 0437 TON					
SUPERPAVE ASPHALT MIXTURE DESIGN, FLEXIBLE BASE REPLACEMENT, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX					
0316 0637 TON					
SUPERPAVE ASPHALT MIXTURE DESIGN, FLEXIBLE BASE REPLACEMENT, PG 64S-22, 10 TO < 30 MILLION ESALS, 25.0 MM MIX					
4601 (+) LF	36" PIPE WITH RESILIENCY MEASURES DESIGN NO. 28				
0601 (+) LF	18" PIPE DESIGN NO. 2				
0601 (+) LF	18" PIPE DESIGN NO. 3				
0601 (+) LF	24" PIPE DESIGN NO. 4				
0601 (+) LF	30" PIPE DESIGN NO. 5				
0601 (+) LF	36" PIPE DESIGN NO. 6				
0601 (+) LF	18" PIPE DESIGN NO. 7				
0601 (+) LF	24" PIPE DESIGN NO. 8				
0601 (+) LF	18" PIPE DESIGN NO. 9				
0601 (+) LF	24" PIPE DESIGN NO. 10				
0601 (+) LF	30" PIPE DESIGN NO. 11				
0601 (+) LF	18" PIPE DESIGN NO. 12				
0601 (+) LF	36" PIPE DESIGN NO. 13				
0601 (+) LF	18" PIPE DESIGN NO. 14				
0601 (+) LF	18" PIPE DESIGN NO. 15				
0601 (+) LF	24" PIPE DESIGN NO. 16				
0601 (+) LF	36" PIPE DESIGN NO. 17				
4601 (+) LF	36" PIPE WITH RESILIENCY MEASURES DESIGN NO. 29				
4601 (+) LF	30" PIPE DESIGN NO. 18				
4601 (+) LF	36" PIPE DESIGN NO. 19				
0601 (+) LF	24" PIPE DESIGN NO. 20				
ITEM NUMBER					
UNIT					
	SR 1068 (CONNECTOR ROAD)				
	PIPE	LT 302+27.00			
	PIPE AND INLETS (C3-2,C3-3)	LT / RT 302+27.00			
359	DITCH CLEANING	RT 303+34.59			
	PIPE AND ENDWALLS (P1-1,P1-2)	LT / RT 303+75.00 to 304+50.00			
	PIPE AND ENDWALL (Z1)	RT 306+75.00 to 308+90.00			
	PIPE	LT / RT 308+90.00			
	COMBINATION STORM SEWER AND UNDERDRAIN AND INLETS SR 1068 TO SR 1027 (Z2-0,Z3)	LT 308+90.00 to 98+57.00			
	COMBINATION STORM SEWER AND UNDERDRAIN SR 1068 TO SR 1027	LT 308+90.00 to 100+11.50			
	SR 1027 (MT PLEASANT ROAD)				
	COMBINATION STORM SEWER AND UNDERDRAIN AND INLETS (Z2-1-1,Z2-1)	LT 98+35.00 to 98+57.00			
	COMBINATION STORM SEWER AND UNDERDRAIN AND INLETS (Z2-3,Z2-2)	RT 98+35.00 to 98+57.00			
	PIPE	LT / RT 98+57.00			
	COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (Z4)	LT 100+11.26 to 100+86.00			
	PIPE AND INLETS (Z5,Z6)	LT / RT 100+86.00			
	COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (Z7)	RT 100+86.00 to 101+49.00			
	EXISTING INLET GRADE ADJUSTMENT	RT 137+43.15			
	TWP RD 791 (KENDI ROAD)				
	PIPE SR 0119 TO DRIVEWAY D	LT / RT 96+28.00 to 22+86.00			
39	PIPE AND INLETS (C8-7,C8-8)	LT / RT 201+50.00			
	COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (C8-6)	RT 201+50.00 to 203+25.00			
	COMBINATION STORM SEWER AND UNDERDRAIN	RT 203+25.00 to 205+00.00			
28	PIPE AND INLETS (C8-4,C8-5)	LT / RT 205+00.00			
	COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (C8-3)	LT 205+00.00 to 207+00.00			
	COMBINATION STORM SEWER AND UNDERDRAIN	LT 207+00.00 to 208+96.00			
28	PIPE AND INLETS (C8-2,C8-2-1)	LT / RT 208+96.00			
	COMBINATION STORM SEWER AND UNDERDRAIN	LT 208+96.00 to 210+80.00			
28	PIPE AND INLETS (C8-0,C8-1)	LT / RT 210+80.00			



SHEET 5B OF 7C

PROJECT ID: 4899

MPMS: 96661

ECMS: 96661

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REMARKS						
SIDE	STATIONS					
0601 2823 LF	0601 5901 LF	0601 7014 LF	0601 7308 LF	0604 (+) LF	0604 (+) LF	0604 (+) LF
CLEANING EXISTING PIPE CULVERTS, DIAMETERS UP TO AND INCLUDING 36"						
18" REINFORCED CONCRETE PIPE, TYPE A, 15' - 2' FILL, 100 YEAR DESIGN LIFE						
15" REINFORCED CONCRETE PIPE, TYPE B, 20' - 1.5' FILL						
24" PIPE DESIGN NO. 21						
30" PIPE DESIGN NO. 22						
18" PIPE DESIGN NO. 23						
18" REINFORCED CONCRETE PIPE, TYPE A, (OPEN JOINT), 15' - 2' FILL, 100 YEAR DESIGN LIFE						
24" PIPE DESIGN NO. 24						
30" PIPE DESIGN NO. 25						
CLEANING DRAINAGE STRUCTURES						
MANHOLE FRAME AND COVER						
TYPE D-E ENDWALL FOR 18" PIPE						
TYPE D-W ENDWALL FOR 36" PIPE						
TYPE M CONCRETE TOP UNIT AND GRATE						
TYPE M CONCRETE TOP UNIT AND BICYCLE SAFE GRATE						
TYPE S CONCRETE TOP UNIT AND BICYCLE SAFE GRATE						
STANDARD INLET BOX, HEIGHT < /≅ 10'						
STANDARD INLET BOX, HEIGHT > 10' AND < /≅ 20'						
TYPE 4 INLET BOX, HEIGHT < /≅ 10'						
TYPE 4 INLET BOX, HEIGHT > 10' AND < /≅ 20'						
TYPE 4 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'						
TYPE 5 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'						
TYPE 6 MANHOLE, STORM WATER, HEIGHT >5' AND < /≅ 10'						
TYPE 6 MANHOLE, STORM WATER, HEIGHT >10' AND < /≅ 20'						
TYPE C CONCRETE TOP UNIT, 4" CURB HEIGHT AND BICYCLE SAFE GRATE						
TYPE C CONCRETE TOP UNIT, 8" CURB HEIGHT AND BICYCLE SAFE GRATE						
ITEM NUMBER	UNIT					
SR 1068 (CONNECTOR ROAD)						
PIPE	LT	302+27.00				
PIPE AND INLETS (C3-2,C3-3)	LT / RT	302+27.00				
DITCH CLEANING	RT	303+34.59				
PIPE AND ENDWALLS (P1-1,P1-2)	LT / RT	303+75.00 to 304+50.00				
PIPE AND ENDWALL (Z1)	RT	306+75.00 to 308+90.00				
PIPE	LT / RT	308+90.00				
COMBINATION STORM SEWER AND UNDERDRAIN AND INLETS SR 1068 TO SR 1027 (Z2-0,Z3)	LT	308+90.00 to 98+57.00				
COMBINATION STORM SEWER AND UNDERDRAIN SR 1068 TO SR 1027	LT	308+90.00 to 100+11.50				
SR 1027 (MT PLEASANT ROAD)						
COMBINATION STORM SEWER AND UNDERDRAIN AND INLETS (Z2-1-1,Z2-1)	LT	98+35.00 to 98+57.00				
COMBINATION STORM SEWER AND UNDERDRAIN AND INLETS (Z2-3,Z2-2)	RT	98+35.00 to 98+57.00				
PIPE	LT / RT	98+57.00				
COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (Z4)	LT	100+11.26 to 100+86.00				
PIPE AND INLETS (Z5,Z6)	LT / RT	100+86.00				
COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (Z7)	RT	100+86.00 to 101+49.00				
EXISTING INLET GRADE ADJUSTMENT						
TWP RD 791 (KENDI ROAD)						
PIPE SR 0119 TO DRIVEWAY D	LT / RT	96+28.00 to 22+86.00				
PIPE AND INLETS (C8-7,C8-8)	LT / RT	201+50.00				
COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (C8-6)	RT	201+50.00 to 203+25.00				
COMBINATION STORM SEWER AND UNDERDRAIN						
PIPE AND INLETS (C8-4,C8-5)	LT / RT	205+00.00				
COMBINATION STORM SEWER AND UNDERDRAIN AND INLET (C8-3)	LT	205+00.00 to 207+00.00				
COMBINATION STORM SEWER AND UNDERDRAIN						
PIPE AND INLETS (C8-2,C8-2-1)	LT / RT	208+96.00				
COMBINATION STORM SEWER AND UNDERDRAIN						
PIPE AND INLETS (C8-0,C8-1)	LT / RT	210+80.00				

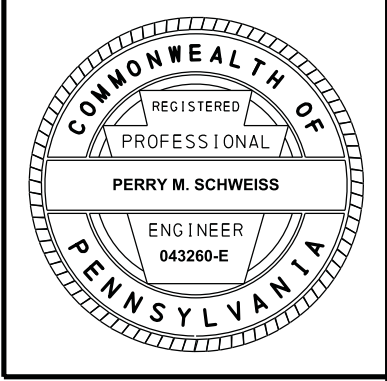
TABULATION OF QUANTITIES

DRAINAGE

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	88 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	89 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	90 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	91 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	91 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	92 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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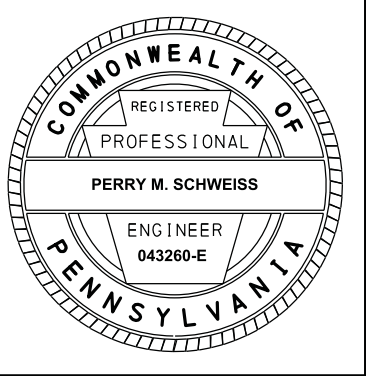
TABULATION OF QUANTITIES DRAINAGE	REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
					12	FAYETTE	0119	20K	93 OF 216
					BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES

DRAINAGE

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	94 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	95 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

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TABULATION OF QUANTITIES

PAVEMENT BASE DRAIN

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	96 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

GEOTEXTILE, CLASS 1		6" PAVEMENT BASE DRAIN		ADDITIONAL COARSE AGGREGATE FOR EXTRA DEPTH PAVEMENT BASE DRAIN		6" SUBSURFACE DRAIN OUTLETS		SUBSURFACE DRAIN OUTLET ENDWALL		66" RED SUBSURFACE DRAIN OUTLET MARKER								REMARKS		SIDE	STATIONS
0212 0001 LF	LF	0610 7002 LF		0610 7400 CY	0615 0022 LF	0615 0040 EACH	0615 0066 EACH											ITEM NUMBER	UNIT		
																		SR 1027 (MT PLEASANT ROAD)			
382		382																PAVEMENT BASE DRAIN		LT	94+50.00 to 98+32.00
464		464		2	8	1	1											PAVEMENT BASE DRAIN		LT	100+86.00 to 105+50.00
401		401			25													PAVEMENT BASE DRAIN		RT	101+49.00 to 105+50.00
300		300																PAVEMENT BASE DRAIN		LT	133+00.00 to 136+00.00
443		443																PAVEMENT BASE DRAIN		RT	133+00.00 to 137+43.00
																		ROUNDBABOUT (SR 1027 & SR 1068)			
167		167																PAVEMENT BASE DRAIN		RT	50+08.16 to 51+84.97
																		TWP RD 791 (KENDI ROAD)			
150		150																PAVEMENT BASE DRAIN		RT	200+00.00 to 201+50.00
500		500																PAVEMENT BASE DRAIN		LT	200+00.00 to 205+00.00
580		580																PAVEMENT BASE DRAIN		RT	205+00.00 to 210+80.00
150		150																PAVEMENT BASE DRAIN		LT	216+00.00 to 217+50.00
300		300																PAVEMENT BASE DRAIN		LT	227+00.00 to 230+00.00
950		950			10	1	1											PAVEMENT BASE DRAIN		RT	227+00.00 to 236+50.00
325		325			13	1	1											PAVEMENT BASE DRAIN		RT	242+75.00 to 246+00.00
936		936			30													PAVEMENT BASE DRAIN		LT	244+92.00 to 254+58.00
325		325																PAVEMENT BASE DRAIN		RT	246+75.00 to 250+00.00
184		184																PAVEMENT BASE DRAIN		RT	252+25.00 to 254+09.00
																		TWP RD 821 (MCCLURE ROAD)			
60		60			6													PAVEMENT BASE DRAIN		RT	17+85.70 to 18+45.52
50		50			30	1	1											PAVEMENT BASE DRAIN		LT	19+00.00 to 19+50.00
92		92																PAVEMENT BASE DRAIN		RT	19+06.58 to 19+97.88
93		93																PAVEMENT BASE DRAIN		LT	20+82.45 to 21+75.00
36186		36186		4	851	27	27											TOTALS			

[illegible]

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	97 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

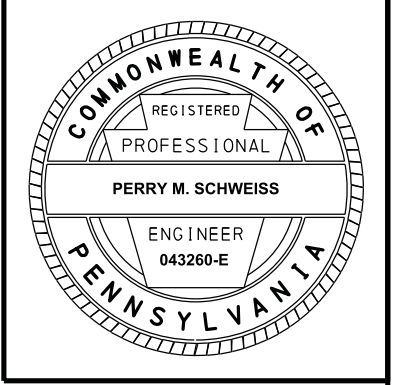
SHEET 1A OF 7B

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	98 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

[illegible]

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	99 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

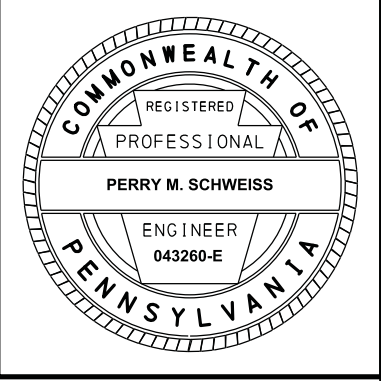
SHEET 2A OF 7B PROJECT ID: 4899 MPMS: 96661 ECMS: 96661 4/24/2025 8:15:49 AM



TABULATION OF QUANTITIES

EROSION AND SEDIMENT POLLUTION CONTROL

REVISION NO	REVISIONS	DATE	BY	DISTRICT	COUNTY	ROUTE	SECTION	SHEET
				12	FAYETTE	0119	20K	100 OF 216
				BULLSKIN TOWNSHIP & UPPER TYRONE TOWNSHIP				

[illegible]