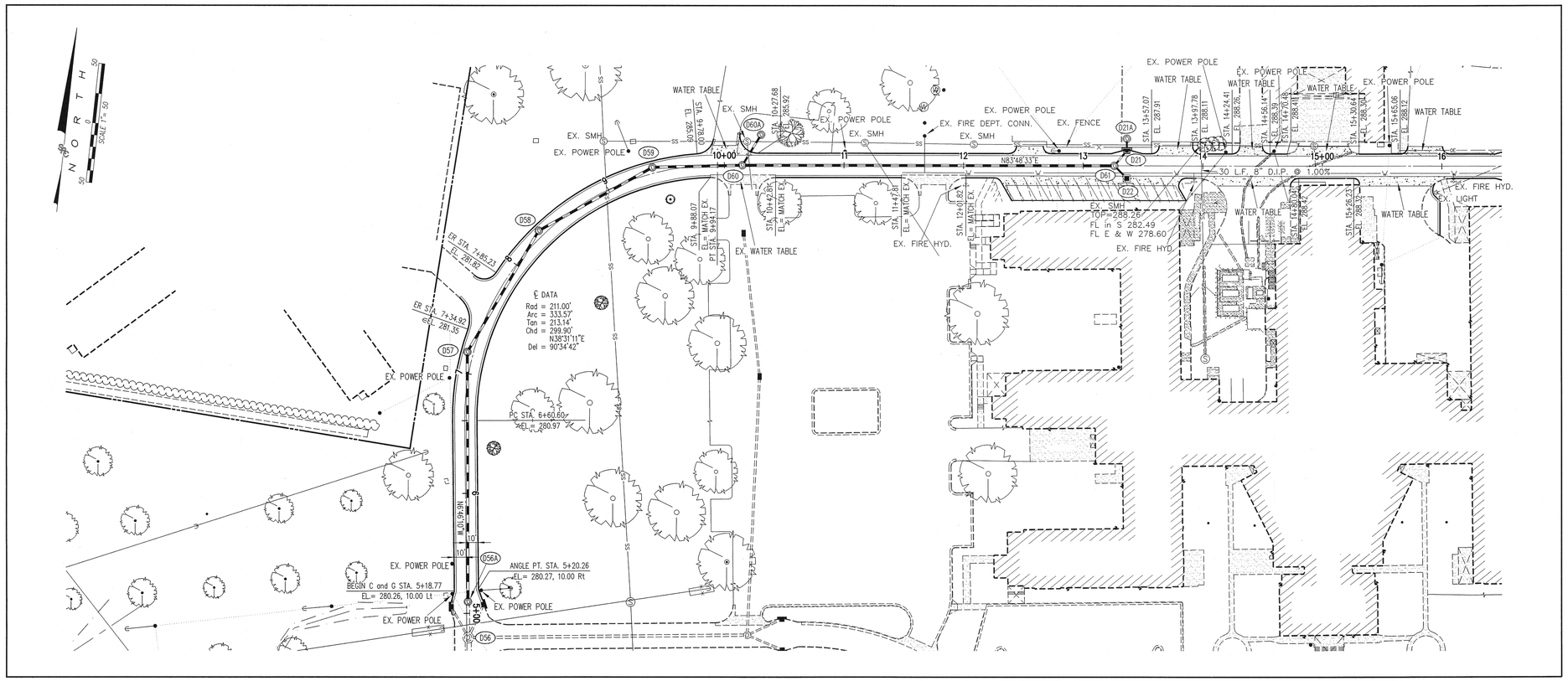

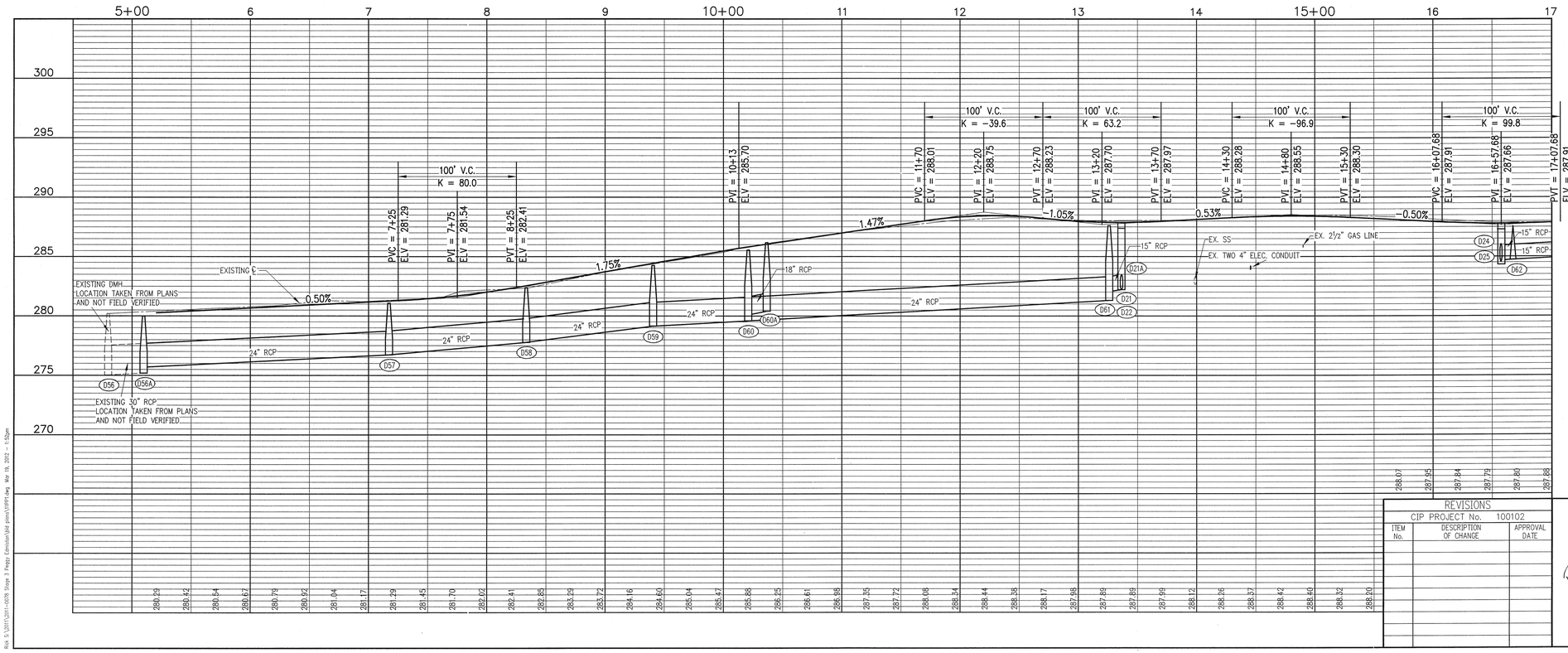

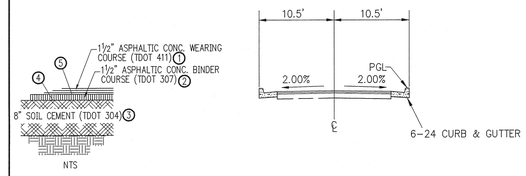

PROPOSED TYPICAL SECTION

(N.T.S.)

PAVEMENT SCHEDULE

1	ASPHALTIC CONCRETE SURFACE (THICKNESS AS INDICATED) 411-01.01 ASPHALT CEMENT (PG64-22) (ACS) GRADING D 411-01.02 AGGREGATE (ACS) GRADING D
2	BITUMINOUS BINDER (THICKNESS AS INDICATED) ASPHALT CONCRETE MIX 307-01.08 (PG64-22) (BPMB-HM) GRADING B-M2
3	SOIL CEMENT (THICKNESS AS INDICATED) 304-01.02 CEMENT (SOIL CEMENT BASE)
4	PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (P.C.) @ 0.30-0.35 GAL/S.Y. 402-02 AGGREGATE FOR COVER MATERIAL (P.C.) @ 8-12 LBS/S.Y.
5	TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) RATE 0.02 GAL/S.Y.

PUBLIC DRAINAGE STRUCTURES

CODE	TYPE	STREET	STATION	OFFSET	TOP ELEVATION	DRAINAGE AREA (ACRES)	Q_{dgn} (CFS)
D21	6-72 INLET	LOOP	13+36.40	12.75' L	287.88	0.14	0.9
D21A	5'ø DMH	LOOP	13+36.40	22.75' L	286.15	–	–
D22	DOUBLE #11 INLET	LOOP	13+36.40	12.75' R	287.88	0.92	5.6
D24	6-72 INLET	LOOP	16+57.68	12.75' R	287.79	0.92	5.6
D25	6-72 INLET	LOOP	16+57.68	12.75' L	287.79	0.61	3.7
D56A	5'ø DMH	LOOP	5+09.75	1.22' R	279.97	–	–
D57	5'ø DMH	LOOP	7+17.25	5.00' L	281.08	–	–
D58	5'ø DMH	LOOP	8+33.25	5.00' L	282.39	–	–
D59	5'ø DMH	LOOP	9+40.50	5.00' L	284.26	–	–
D60	5'ø DMH	LOOP	10+20.83	℄	285.55	–	–
D60A	5'ø DMH	LOOP	10+36.46	25.61' L	286.17	–	–
D61	5'ø DMH	LOOP	13+25.97	℄	287.61	–	–
D62	5'ø DMH	LOOP	16+67.86	℄	287.55	–	–
D63	5'ø DMH	LOOP	17+65.50	℄	287.96	–	–
D64	6-72 INLET	LOOP	17+83.68	12.75' R	288.29	0.33	2.0
D65	3x3 INLET	–	–	–	286.83	–	–

PUBLIC DRAINAGE PIPES

PUBLIC DRAINAGE PIPE ASTM C76, CLASS 3, B WALL REINFORCED CONCRETE W/GASKETED JOINTS

FROM CODE	INVERT	TO CODE	INVERT	LENGTH (FEET)	PIPE SIZE (INCHES)	SLOPE (%)	PIPE (ACRES)	Q_{cap} (CFS)	Q_{dgn} (CFS)	VELOCITY (FPS)
D56	275.03	D56A	275.18	30	30	0.50	2.35	29.0	14.2	5.9
D56A	275.68	D57	276.72	208	24	0.50	2.35	16.0	14.2	5.6
D57	276.72	D58	277.77	117	24	0.90	2.35	21.5	14.2	6.9
D58	277.77	D59	279.14	109	24	1.25	2.35	25.3	14.2	8.2
D59	279.14	D60	279.59	75	24	0.60	2.35	17.5	14.2	6.2
D60	280.09	D60A	280.39	30	18	1.00	0.88	10.5	5.3	6.0
D60	279.59	D61	281.30	311	24	0.55	1.47	16.8	8.9	5.3
D61	282.05	D21	282.21	16	15	1.00	0.55	6.5	3.3	5.3
D21	282.21	D21A	282.31	10	15	1.00	0.41	6.5	2.5	4.9
D61	282.05	D22	282.37	16	15	2.00	0.92	9.1	5.6	7.8
D65	283.91	D25	284.33	83	19x30	0.50	1.86	16.0	11.0	5.5
D25	284.41	D24	284.67	26	18	1.00	0.92	10.5	5.6	6.0
D25	284.66	D62	284.74	16	15	0.50	0.33	4.6	2.0	3.5
D62	284.74	D63	285.23	98	15	0.50	0.33	4.6	2.0	3.5
D63	285.23	D64	285.34	22	15	0.50	0.33	4.6	2.0	3.5

REVISIONS

CIP PROJECT No. 100102

ITEM No.	DESCRIPTION OF CHANGE	APPROVAL DATE

ROBERT M. SWEENEY REGISTERED ENGINEER NO. 105015 STATE OF TENNESSEE 3/14/12

SHEET 1 of 2

SHEET 11 of 12

DIVISION OF ENGINEERING

Loop Road

FROM: STA. 5+00 TO: STA. 15+00

SHELBY COUNTY, TN

SURVEY Milestone DATE 04/03 BOOK

DRAFTED SR Consulting, LLC DATE 03/12 SCALE 1"= 50'H & 5'V

DESIGN BY SR Consulting, LLC DATE 03/12 CHECKED DATE

Rick S:\2011\2011-0078 Slope 3 Peggy Edmiston\Bid plans\11PP14.dwg Mar 19, 2012 - 1:52pm