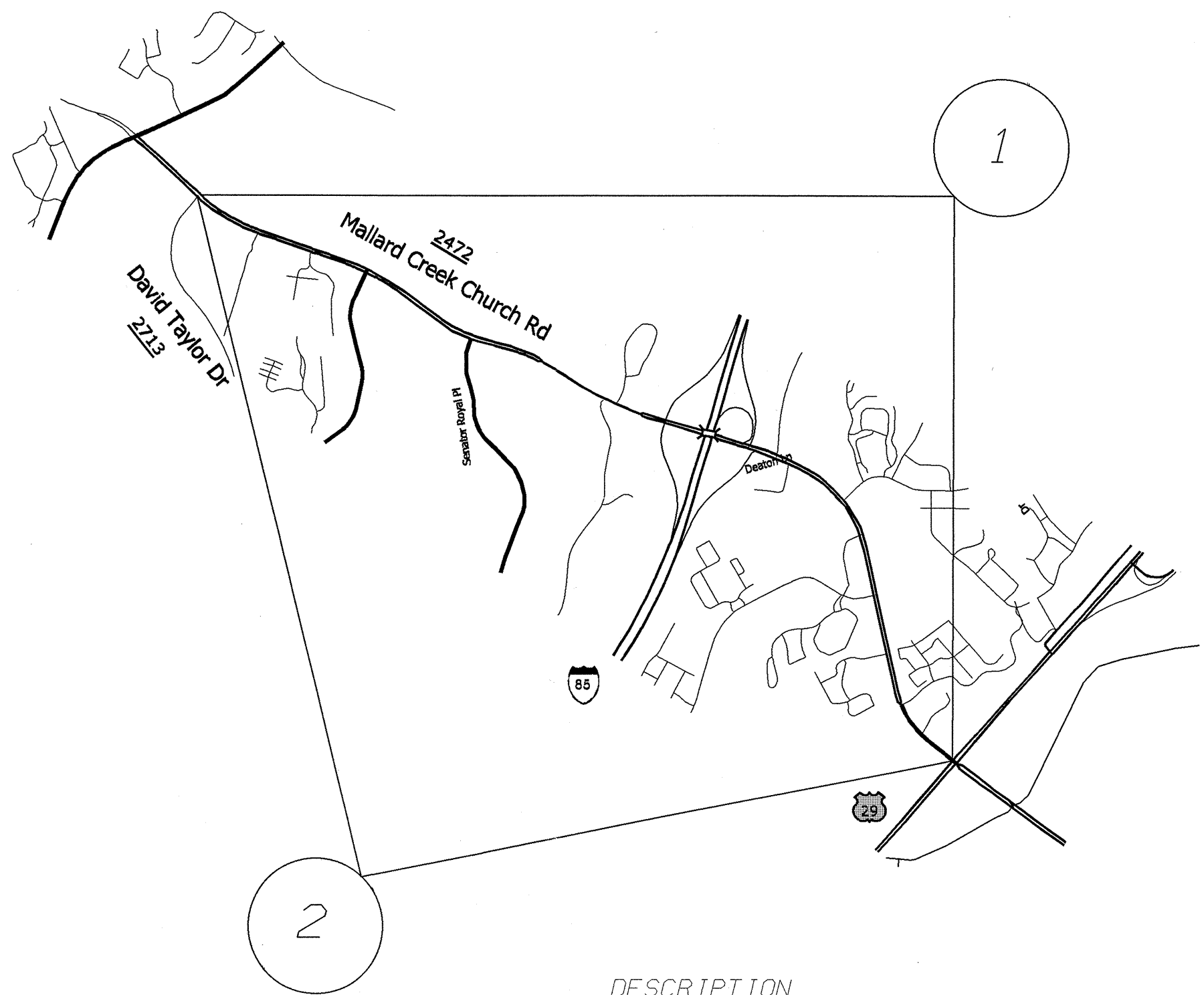



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		1	
WBS NO.		10CR.10601.89, ETC.	



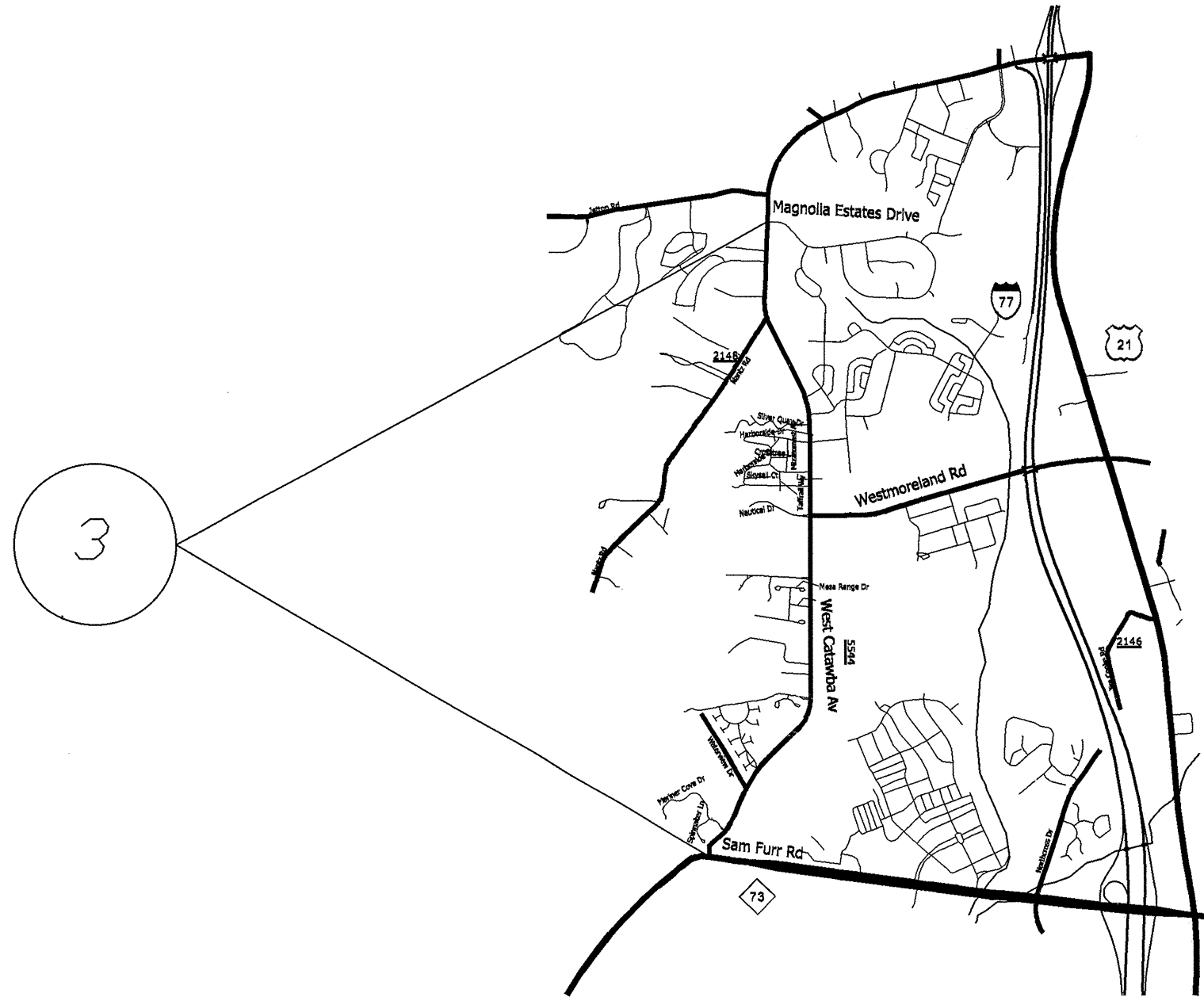
MAP

DESCRIPTION

- # 1 SR-2472 (MALLARD CREEK CHURCH RD) FROM US 29 TO SR-2713 (DAVID TAYLOR DR)
- # 2 SR-2472 (MALLARD CREEK CHURCH RD) FROM SR-2713 (DAVID TAYLOR DR) TO US 29

2013/2014 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	1/13	
DWG. BY	JHW	
DESIGN BY	JHW	
APPROVED	BDC	
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		2	
WBS NO.	10CR.10601.89, ETC.		



MAP

DESCRIPTION

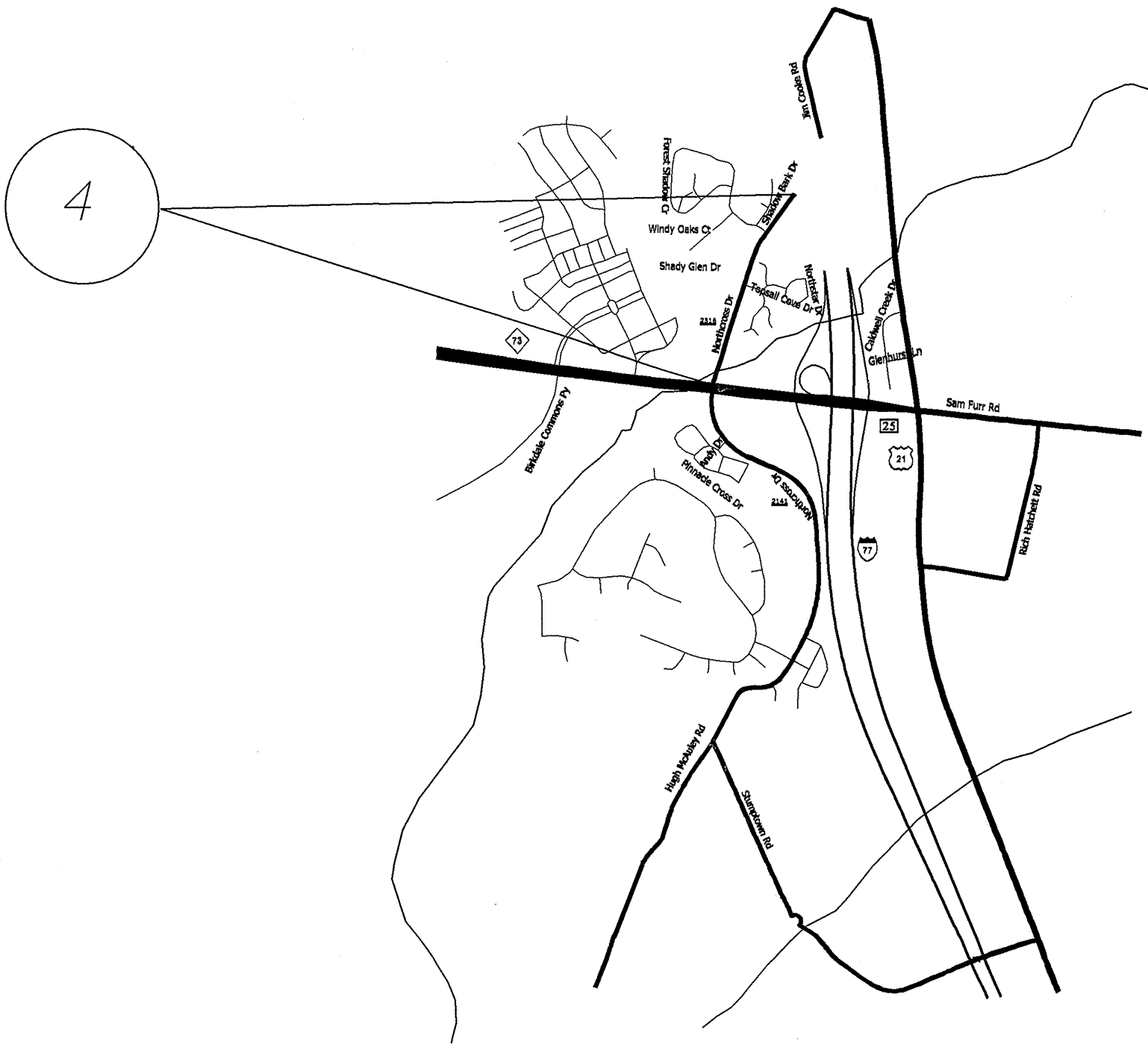
# 3 SR-5544 (WEST CATAWBA AV)

FROM MAGNOLIA ESTATES DR TO NC 73

2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS
DATE	1/13		
DWG. BY	JHW		
DESIGN BY	JHW		
APPROVED	BOC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		3	
WBS NO.	10CR.10601.89, ETC.		



MAP

DESCRIPTION

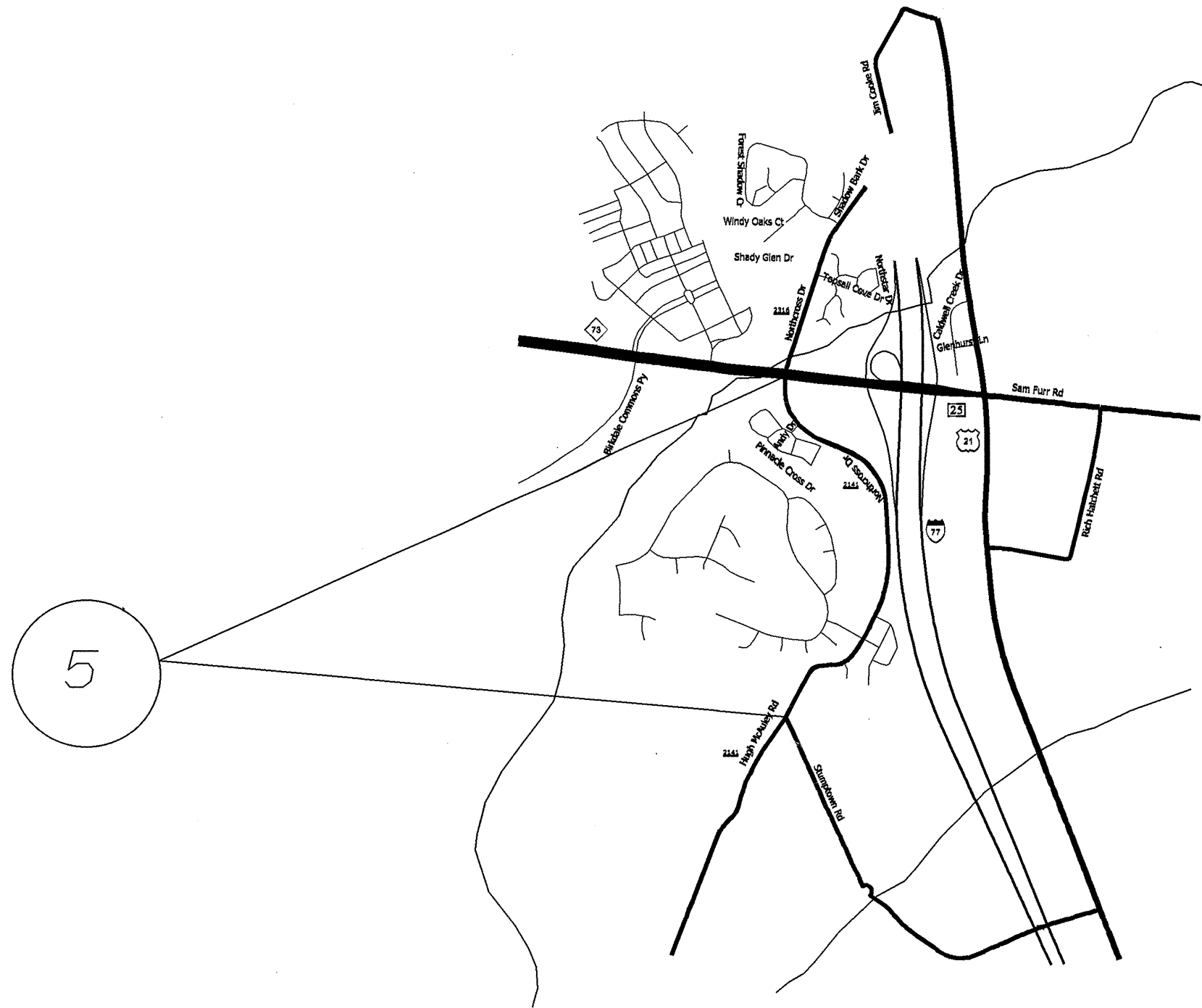
# 4 SR-2316 (NORTHCROSS DR) [N OF 73] FROM NC 73 TO PVMNT JOINT NEAR EOM



2013/2014 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	REVISIONS
DATE	1/13	
DWG. BY	PAG	
DESIGN BY	JHW	
APPROVED	BOC	



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		4	
WBS NO.	10CR.10601.89, ETC.		



5

MAP

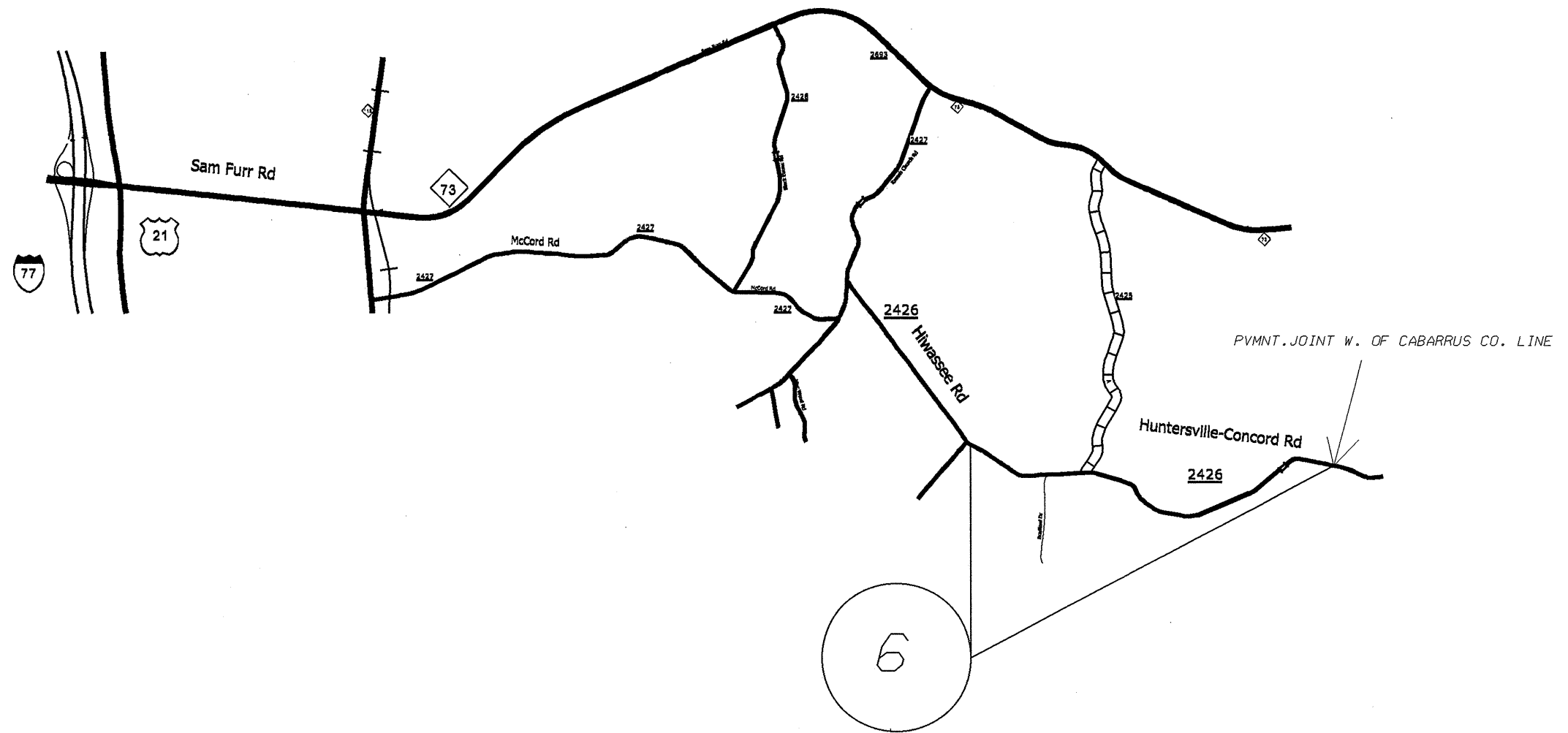
DESCRIPTION

#5 SR-2141 (NORTHCROSS DR) [S OF 73] FROM NC 73 TO SR-2141 (HUGH MCAULEY RD)

2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	1/13			
DWG. BY	PAG			
DESIGN BY	JHW			
APPROVED	BDC			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		5	
WBS NO.	10CR.10601.89, ETC.		



MAP

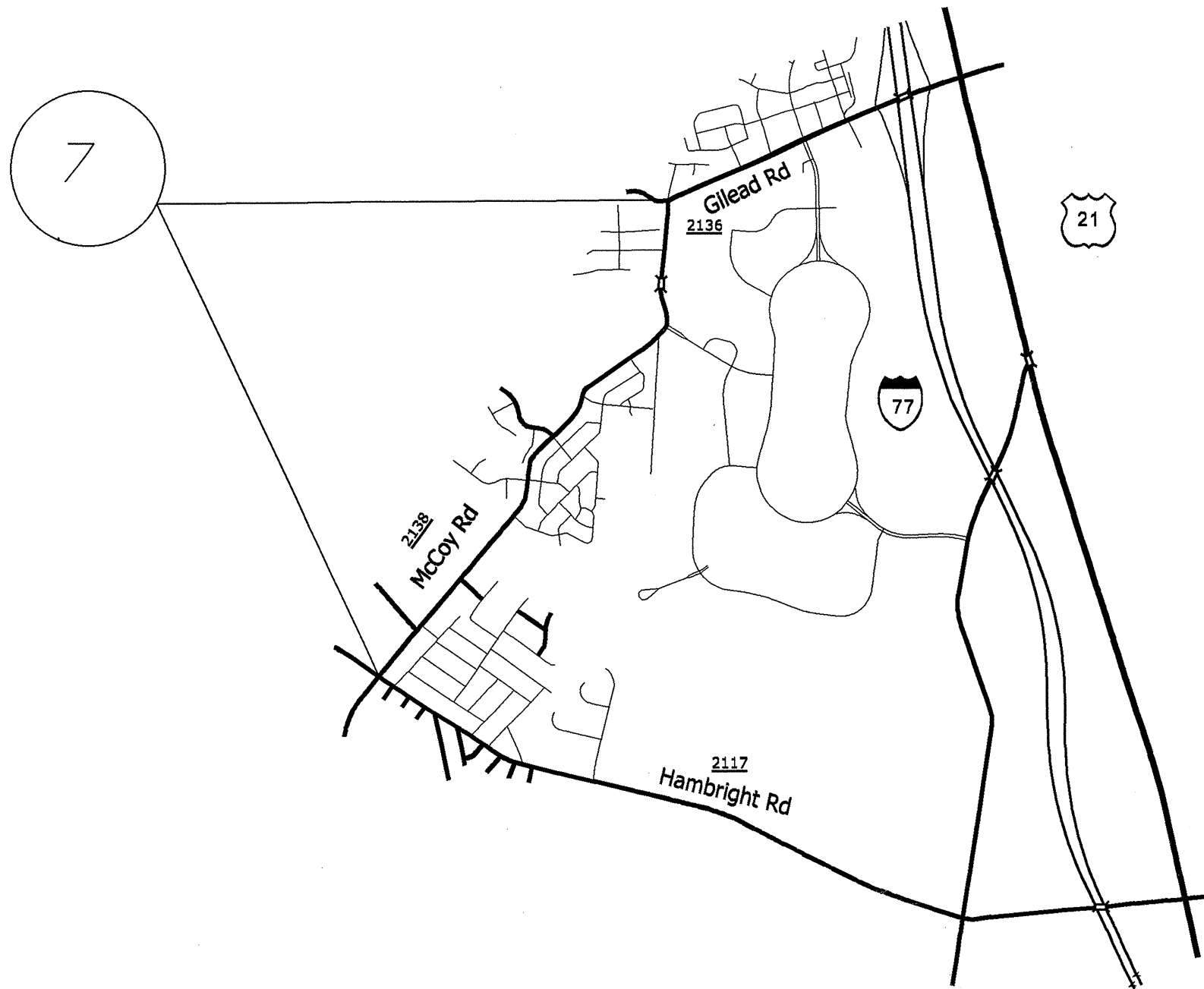
DESCRIPTION

#6 SR-2426 (HUNTERSVILLE-CONCORD RD) FROM PVMNT. JOINT W. OF CABARRUS COUNTY LINE TO SR-2426 (HIWASSEE RD)

2013/2014 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	1/13		
DWG. BY	JHW		
DESIGN BY	JHW		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		6	
WBS NO.	10CR.10601.89, ETC.		



MAP

#7 SR-2138 (MCCOY RD)

DESCRIPTION

FROM SR-2136 (GILEAD RD) TO SR-2117 (HAMBRIGHT RD)

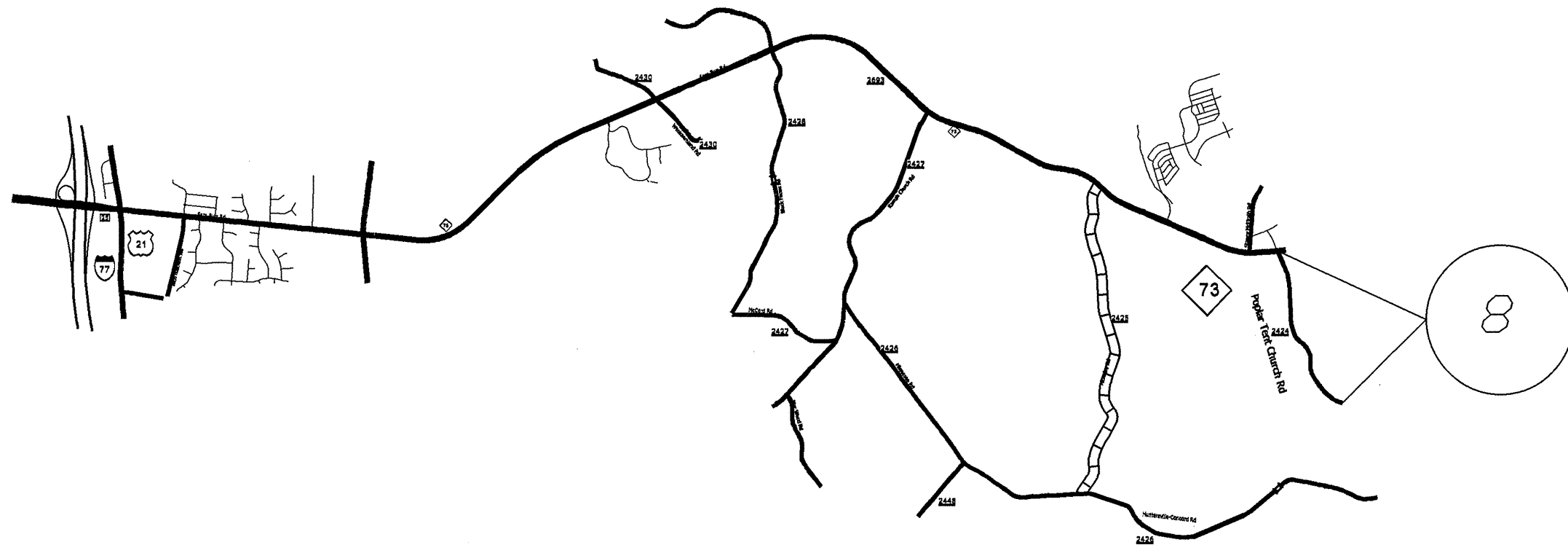
2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-
DATE	1/13
DWG. BY	JHW
DESIGN BY	JHW
APPROVED	BOC



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		7	
WBS NO.	10CR.10601.89, ETC.		



MAP

DESCRIPTION

# 8 SR-2424 (POPLAR TENT RD)

FROM NC-73 TO CABARRUS COUNTY LINE

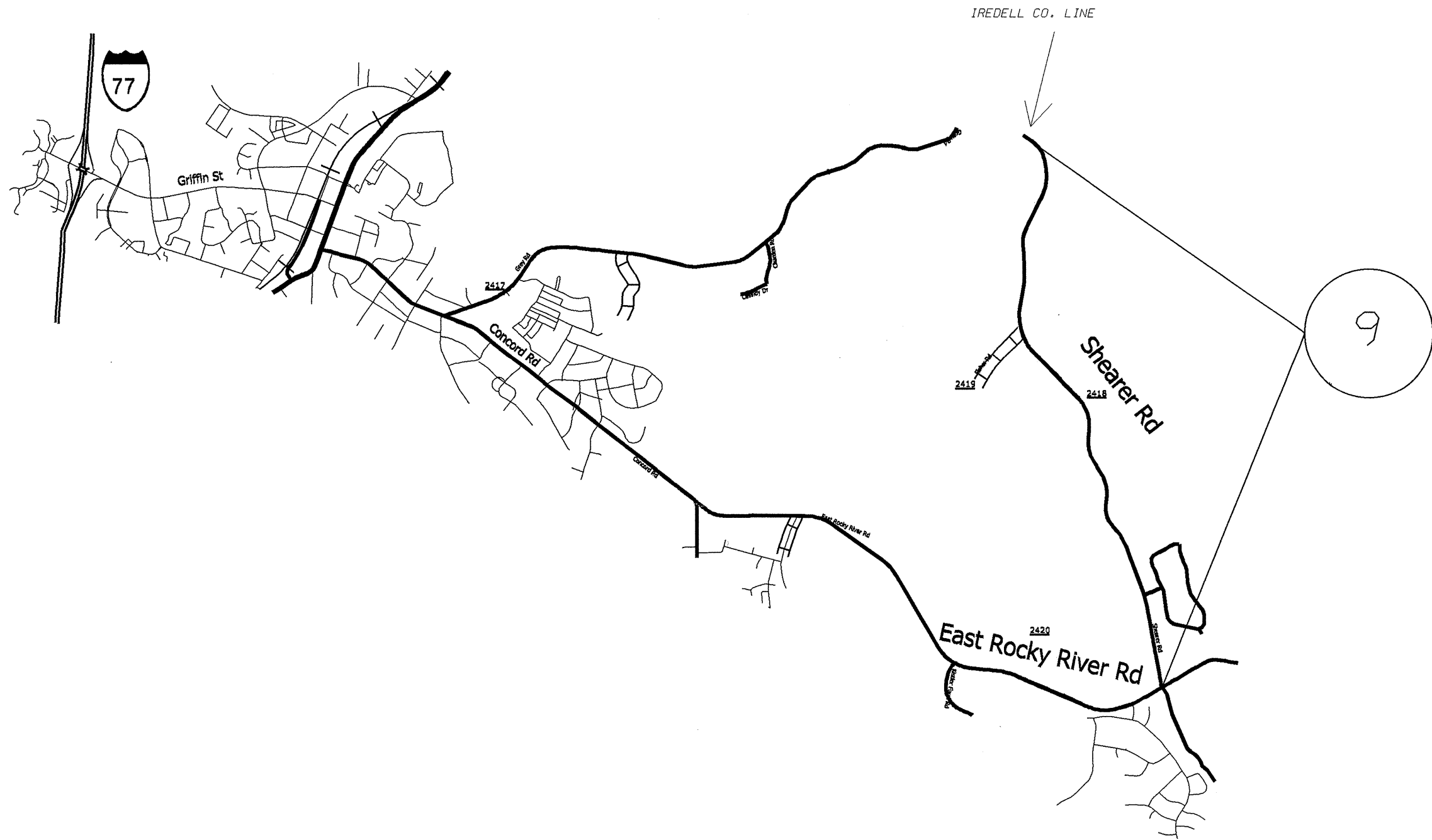
2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE	-1/4"
DATE	1/13
DWG. BY	JHW
DESIGN BY	JHW
APPROVED	BDC



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		8	
WBS NO.	10CR.10601.89, ETC.		



MAP

# 9 SR-2418 (SHEARER RD)

DESCRIPTION

FROM SR-2420 (E. ROCKY RIVER RD) TO IREDELL CO LINE

2013/2014 MECKLENBURG COUNTY  
RESURFACING

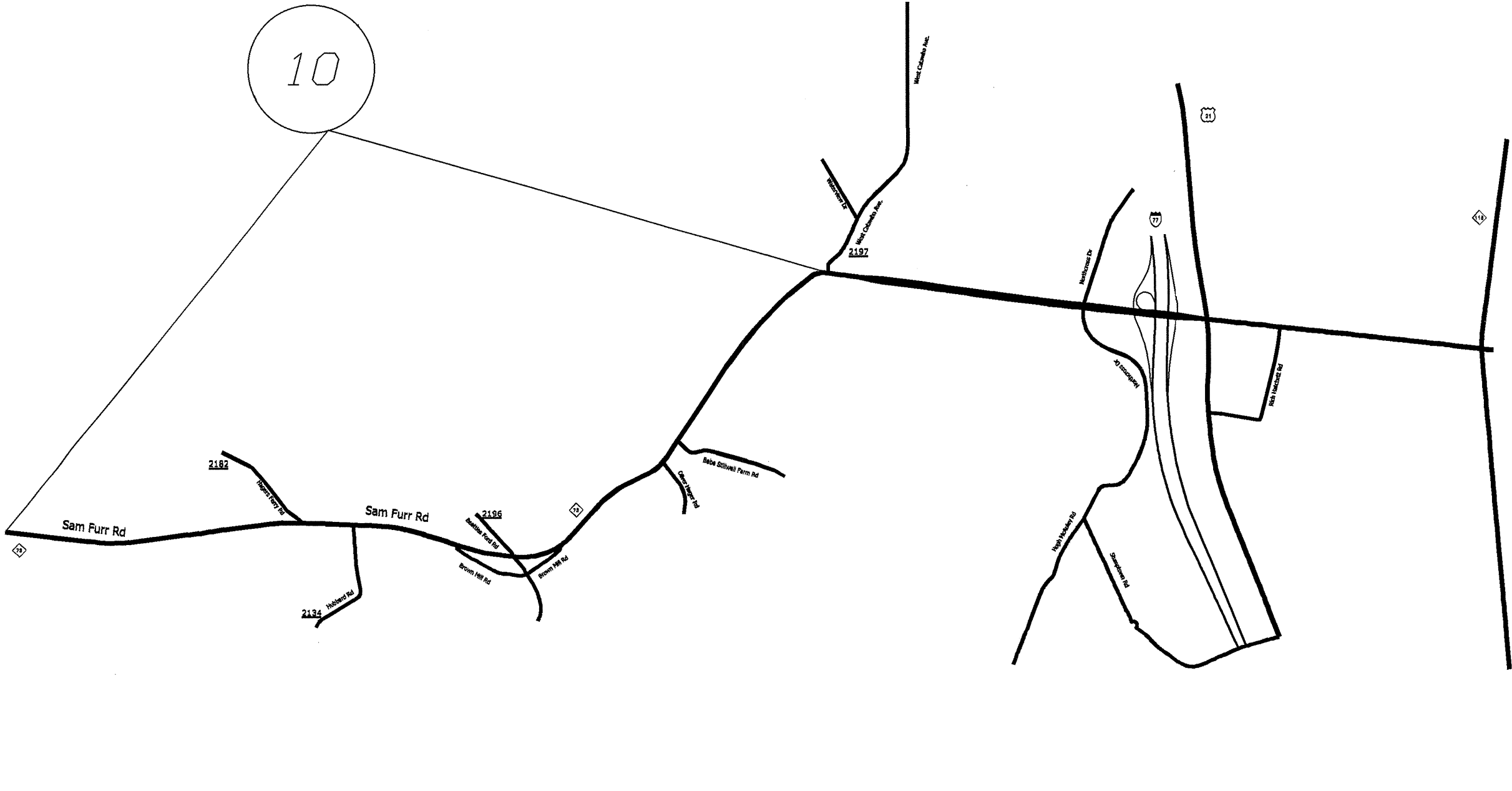
SCALE -NA-  
DATE 1/13  
DWG. BY JHW  
DESIGN BY JHW  
APPROVED BOC



REVISIONS




STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		9	
WBS NO.	10CR.10601.89, ETC.		



MAP

# 10 NC-73 (SAM FURR RD)

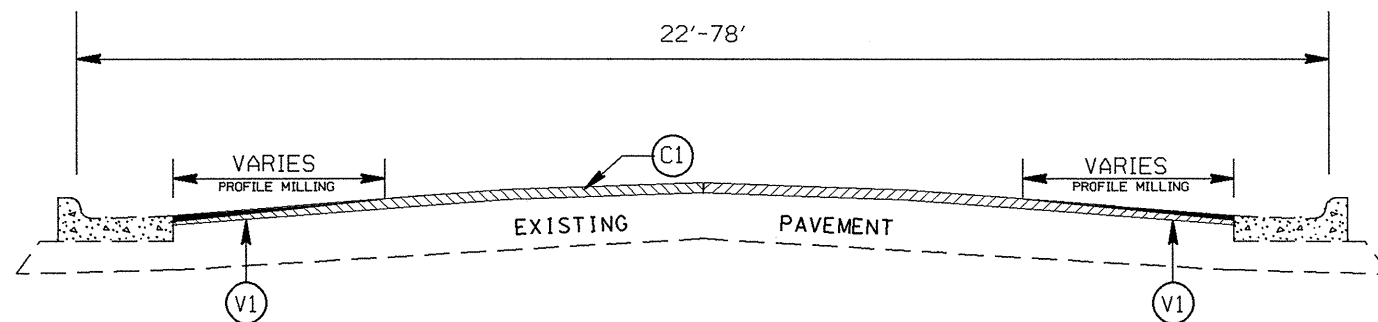
DESCRIPTION

CATAWBA RIVER BRIDGE TO SR-2197  
(CATAWBA AVE)

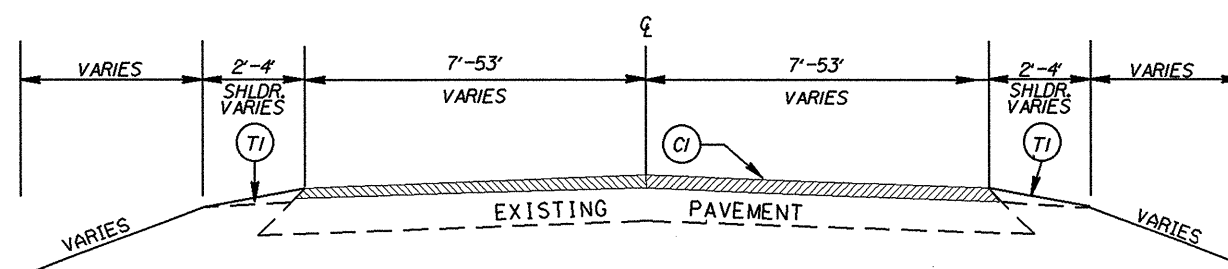
2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS
DATE	1/13		
DWG. BY	PAG		
DESIGN BY	JHW		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		10	
WBS NO.	ICR1060189, ETC.		

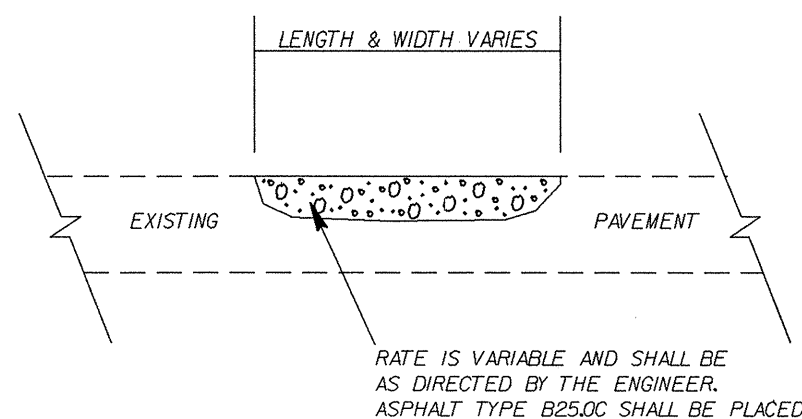


TYPICAL SECTION NO. 2




TYPICAL SECTION NO. 1

PATCHING DETAIL

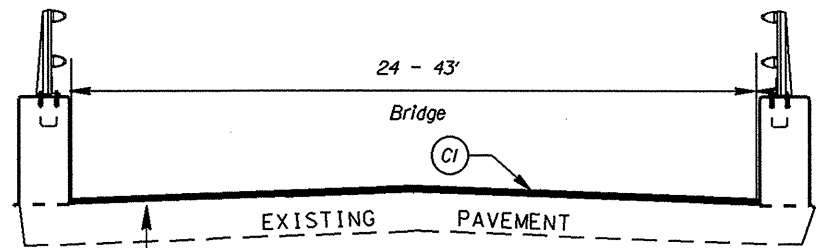


PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 188 LBS. PER SQ. YD.
C2	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6M.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE TYPE I19.0 C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION.
V1	PROFILE MILLING 0" TO 1.5"
V2	MILLING 1.5" DEPTH

2013/2014 MECKLENBURG COUNTY  
RESURFACING

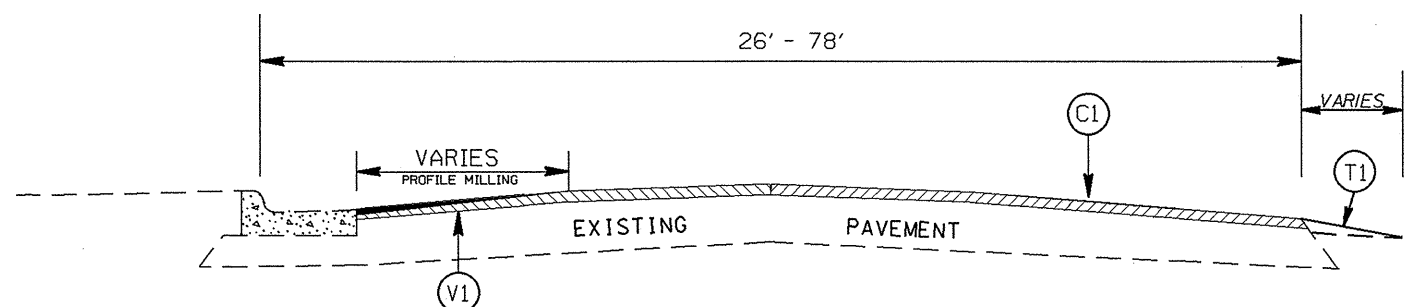
SCALE	-NA-		REVISIONS
DATE	2/13		
DWG. BY	JHW		
DESIGN BY	JHW		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		11	
WBS NO.	10CR1060L89, ETC.		



TYPICAL SECTION NO. 4

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6M.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE TYPE I19.0 C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION.
V1	PROFILE MILLING 0" TO 1.5"
V2	MILLING 1.5" DEPTH

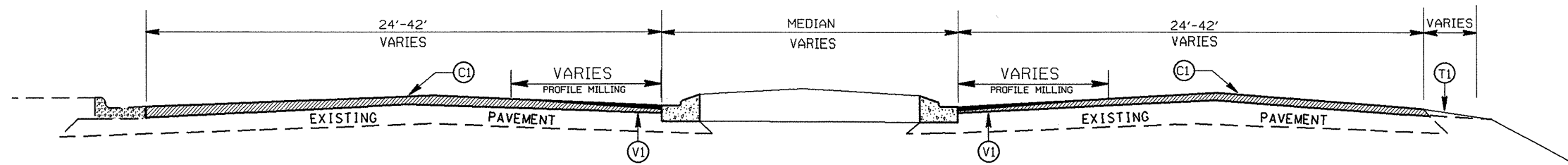


TYPICAL SECTION NO. 3

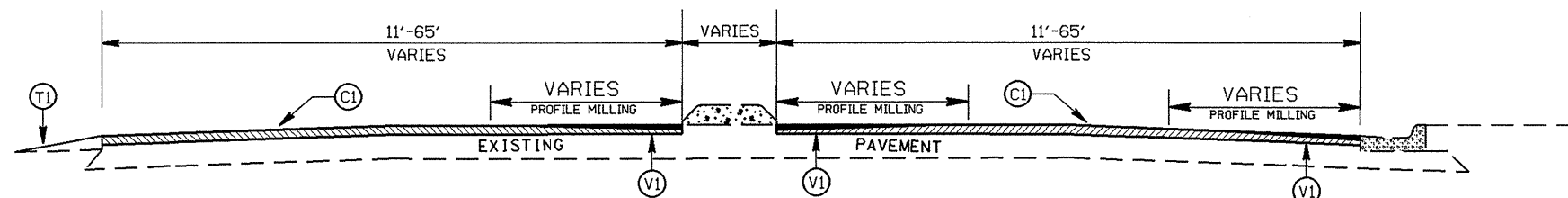
2013/2014 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/13		
DWG. BY	JHW		
DESIGN BY	JHW		
APPROVED	BDC		

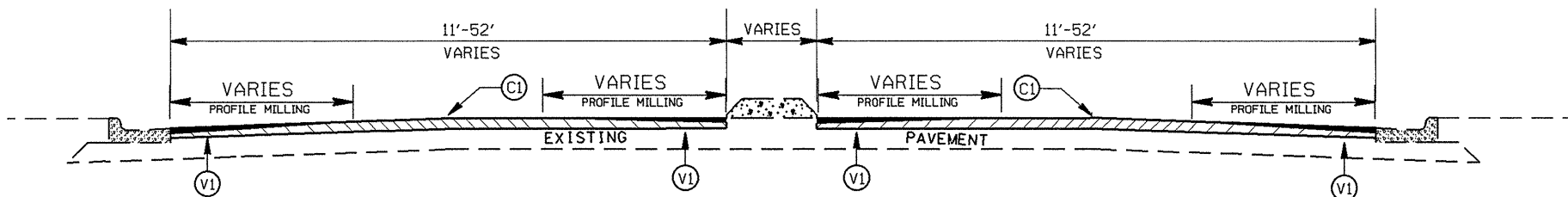
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		12	
WBS NO.	IOCR.10601.89, ETC.		



TYPICAL SECTION NO. 7



TYPICAL SECTION NO. 6



TYPICAL SECTION NO. 5

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6M.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE TYPE I19.0 C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION.
V1	PROFILE MILLING 0" TO 1.5"
V2	MILLING 1.5" DEPTH

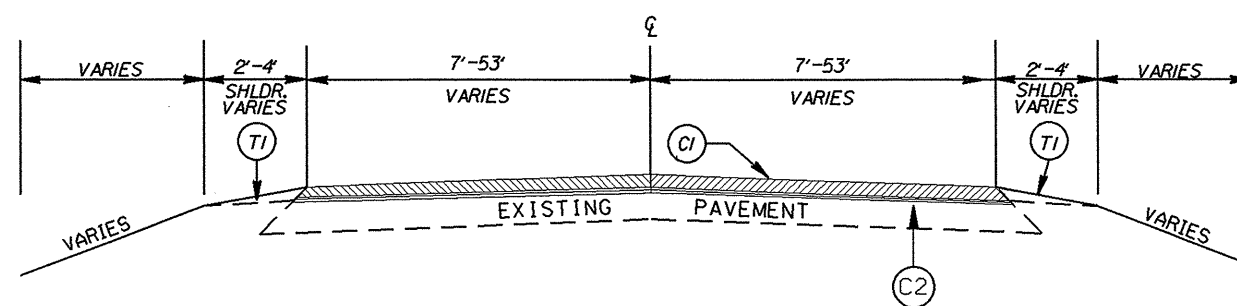
2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE -NA-  
DATE 2/13  
DWG. BY PAG  
DESIGN BY JHW  
APPROVED BDC



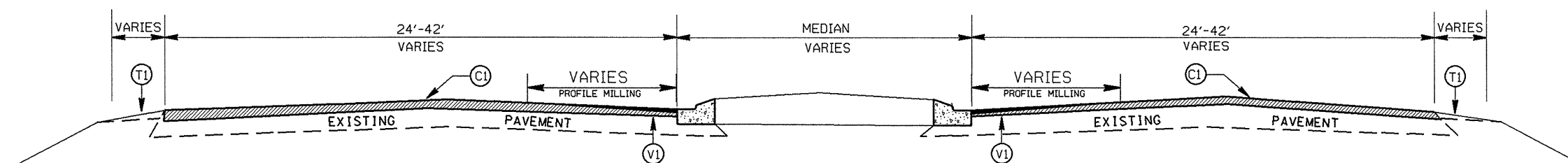
REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		13	
WBS NO.	IOCR.1060L89, ETC.		



TYPICAL SECTION NO. 9

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 188 LBS. PER SQ. YD.
C2	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6M.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE TYPE I19.0 C AT AN AVERAGE RATE OF 286 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION.
V1	PROFILE MILLING 0" TO 1.5"
V2	MILLING 1.5" DEPTH



TYPICAL SECTION NO. 8

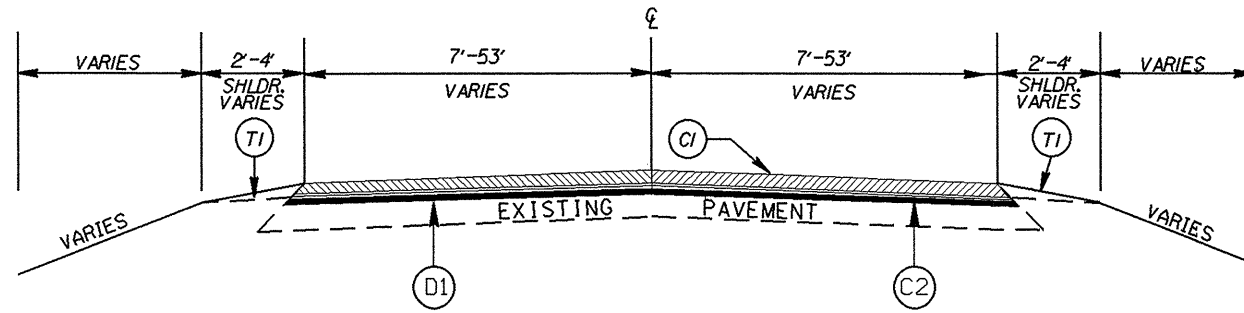
2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE -NA-  
DATE 2/13  
DWG. BY PAG  
DESIGN BY JHW  
APPROVED BDC

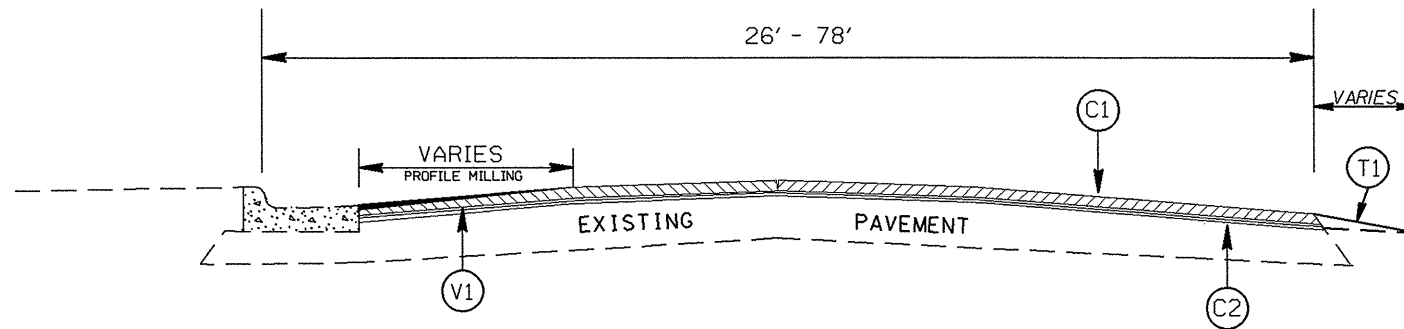


REVISIONS	

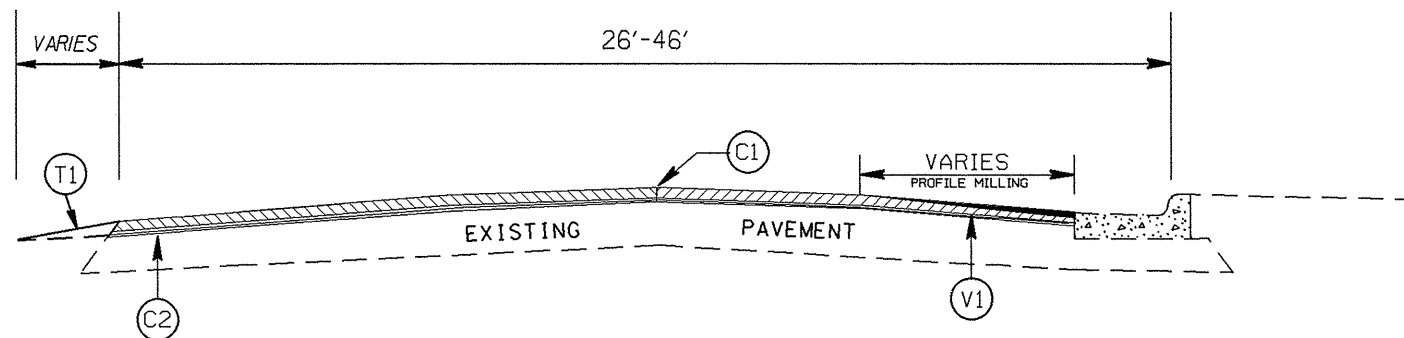
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		14	
WBS NO.	10CR10601.89, ETC.		



TYPICAL SECTION NO. 12



TYPICAL SECTION NO. 11



TYPICAL SECTION NO. 10

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6M.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE TYPE I19.0 C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION.
V1	PROFILE MILLING 0" TO 1.5"
V2	MILLING 1.5" DEPTH

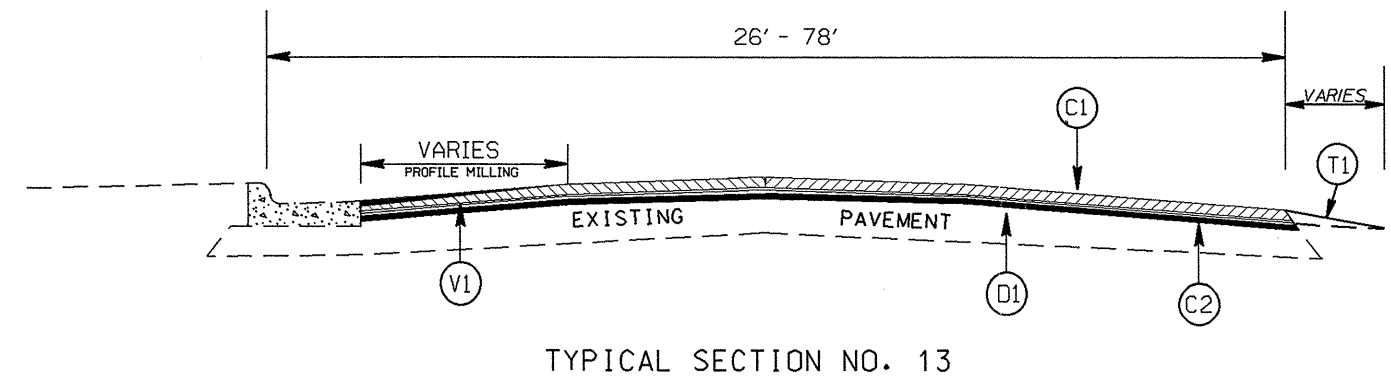
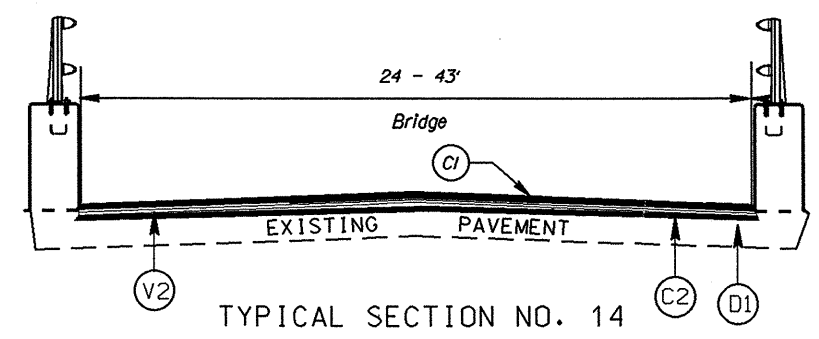
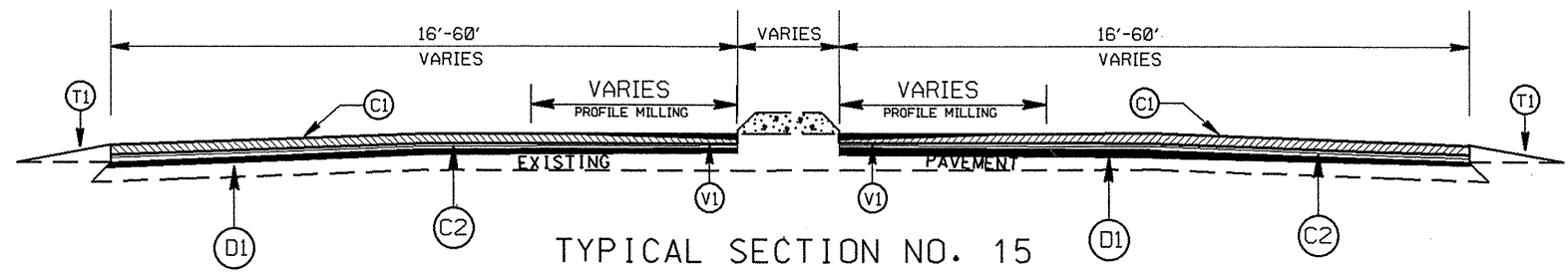
2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-
DATE	2/13
DWG. BY	JHW
DESIGN BY	JHW
APPROVED	BDC




REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		15	
WBS NO.	ICR10601.B9, ETC.		



PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6M.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE TYPE I19.0 C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION.
V1	PROFILE MILLING 0" TO 1.5"
V2	MILLING 1.5" DEPTH

2013/2014 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/13		
DWG. BY	JHW		
DESIGN BY	JHW		
APPROVED	BOC		





PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10601.89, ETC.	17	

### SUMMARY OF QUANTITIES

PROJECT NO.	COUNTY	MAP NO.	ROUTE	DESCRIPTION	TYP	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	1 1/4" MILLING SY	0" TO 1.5" MILLING SY	INCIDENTAL MILLING SY	INTER-MEDIATE COURSE, I19.0C TONS	SURFACE COURSE, S9.5C TONS	LEVELING COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	AST MAT COAT #6M SY	RETROFIT EXIST. CURB RAMP (STD. 848.06) EA	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS	TEMP. SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TN	SEDIMENT CONTROL STONE TN	WATTLE LF	POLYACRYLAMIDE (PAM) LB	LAW ENFORCEMENT HR									
10CR.20601.164	Mecklenburg	1	MALLARD CRK CH RD (N) (SR-2472)	US 29 TO DAVID TAYLOR (SR-2713)	2, 5, 6, 7, 8	2	NO	NO	2.3	30	70	5	0.96		9,500	1,390		2,509	549	184	660		4	2	4	0.17	345	46	23	69	1	4									
TOTAL FOR MAP NO. 1									2.3		70	5	0.96		9,500	1,390		2,509	549	184	660		4	2	4	0.17	345	46	23	69	1	4									
TOTAL FOR PROJ NO. 10CR.20601.164									2.3		70	5	0.96		9,500	1,390		2,509	549	184	660		4	2	4	0.17	345	46	23	69	1	4									
10CR.20601.165	Mecklenburg	2	MALLARD CRK CH RD (S) (SR-2472)	DAVID TAYLOR (SR-2713) TO US 29	2, 5, 6, 7, 8	2	NO	NO	2.33	30	201	5	2.74		9,083	1,223		2,542	550	186	990		8	2	12	0.17	350	47	24	70	1	4									
TOTAL FOR MAP NO. 2									2.33		201	5	2.74		9,083	1,223		2,542	550	186	990		8	2	12	0.17	350	47	24	70	1	4									
TOTAL FOR PROJ NO. 10CR.20601.165									2.33		201	5	2.74		9,083	1,223		2,542	550	186	990		8	2	12	0.17	350	47	24	70	1	4									
10CR.20601.171	Mecklenburg	3	W. CATAWBA AVE (SR-5544)	MAGNOLIA ESTATES DR TO NC 73	9, 10, 11	2	NO	NO	1.791	33	458	20	6.25			3,223		3,216	660	233	440	34,674	4	9	13	0.17	269	36	18	54	1	4									
TOTAL FOR MAP NO. 3									1.791		458	20	6.25			3,223		3,216	660	233	440	34,674	4	9	13	0.17	269	36	18	54	1	4									
TOTAL FOR PROJ NO. 10CR.20601.171									1.791		458	20	6.25			3,223		3,216	660	233	440	34,674	4	9	13	0.17	269	36	18	54	1	4									
10CR.20601.173	Mecklenburg	4	NORTHCROSS DR (N OF 73) (SR-2316)	NC 73 TO PVMT JOINT NEAR EOM	2, 3	2	NO	NO	0.51	32	58		0.78		1,542	612		888	220	67	440		9			0.17	77	11	6	16	1	4									
TOTAL FOR MAP NO. 4									0.51		58		0.78		1,542	612		888	220	67	440		9			0.17	77	11	6	16	1	4									
TOTAL FOR PROJ NO. 10CR.20601.173									0.51		58		0.78		1,542	612		888	220	67	440		9			0.17	77	11	6	16	1	4									
10CR.20601.174	Mecklenburg	5	NORTHCROSS DR (S OF 73) (SR-2141)	NC 73 TO HUGH MCAULEY RD (SR-2141)	1, 2, 3	2	NO	NO	1.148	36	40	20	0.54		8,417	500		2,248	660	176	330		25	5	2	0.17	173	23	12	35	1	4									
TOTAL FOR MAP NO. 5									1.148		40	20	0.54		8,417	500		2,248	660	176	330		25	5	2	0.17	173	23	12	35	1	4									
TOTAL FOR PROJ NO. 10CR.20601.174									1.148		40	20	0.54		8,417	500		2,248	660	176	330		25	5	2	0.17	173	23	12	35	1	4									
10CR.20601.175	Mecklenburg	6	HUNTERVILLE-CONCORD RD (SR-2426)	PVMT JOINT W. OF CABARRUS CO. LINE TO HIWASSEE RD (SR-2426)	1, 4	2	NO	NO	2.1	21	296	55	4.03	125	233	54		2,405	880	199	523						315	42	21	63	1	1									
TOTAL FOR MAP NO. 6									2.1		296	55	4.03	125	233	54		2,405	880	199	523									315	42	21	63	1	1						
TOTAL FOR PROJ NO. 10CR.20601.175									2.1		296	55	4.03	125	233	54		2,405	880	199	523										315	42	21	63	1	1					
10CR.20601.176	Mecklenburg	7	MCCOY RD (SR-2138)	GILEAD RD (SR-2136) TO HAMBRIGHT RD (SR-2117)	1, 2, 3, 4	2	NO	NO	1.64	22	235	110	3.20	210	478	1,667		1,967	660	159	578		5		2		246	33	17	50	1	3									
TOTAL FOR MAP NO. 7									1.64		235	110	3.20	210	478	1,667		1,967	660	159	578		5		2					246	33	17	50	1	3						
TOTAL FOR PROJ NO. 10CR.20601.176									1.64		235	110	3.20	210	478	1,667		1,967	660	159	578		5		2						246	33	17	50	1	3					
10CR.20601.177	Mecklenburg	8	POPLAR TENT RD (SR-2424)	NC 73 TO CABARRUS CO. LINE	1	2	NO	NO	0.8	21.5	120	60	1.63			228		938	330	77	165		0				120	16	8	24	1	3									
TOTAL FOR MAP NO. 8									0.8		120	60	1.63			228		938	330	77	165		0								120	16	8	24	1	3					
TOTAL FOR PROJ NO. 10CR.20601.177									0.8		120	60	1.63			228		938	330	77	165		0									120	16	8	24	1	3				
10CR.20601.178	Mecklenburg	9	SHEARER RD (SR-2418)	E. ROCKY RIVER RD (SR-2420) TO IREDELL CO LINE	1	2	NO	NO	2.6	20	371	215	5.06			390		2,836	880	225	413		0				390	52	26	78	1	1									
TOTAL FOR MAP NO. 9									2.6		371	215	5.06			390		2,836	880	225	413		0								390	52	26	78	1	1					
TOTAL FOR PROJ NO. 10CR.20601.178									2.6		371	215	5.06			390		2,836	880	225	413		0									390	52	26	78	1	1				
10CR.10601.89	Mecklenburg	10	NC 73 (SAM FURR RD)	CATAWBA RIVER BRIDGE TO CATAWBA AVE (SR-2197)	12, 13, 14, 15	2	NO	NO	4.006	25	532	80	7.25		684	2,834	8,351	5,456	1,100	794	1,424	58,755	1	4	1	0.17	601	81	41	121	1	4									
TOTAL FOR MAP NO. 10									4.006		532	80	7.25		684	2,834	8,351	5,456	1,100	794	1,424	58,755	1	4	1	0.17	601	81	41	121	1	4									
TOTAL FOR PROJ NO. 10CR.10601.89									4.006		532	80	7.25		684	2,834	8,351	5,456	1,100	794	1,424	58,755	1	4	1	0.17	601	81	41	121	1	4									
GRAND TOTAL									19.225		2,381	570	32.44	335	29,937	12,121	8,351	25,005	6,489	2,300	5,963	93,429	56	22	34	1.00	2,886	387	196	580	10	32									

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10601.89, ETC.	18	

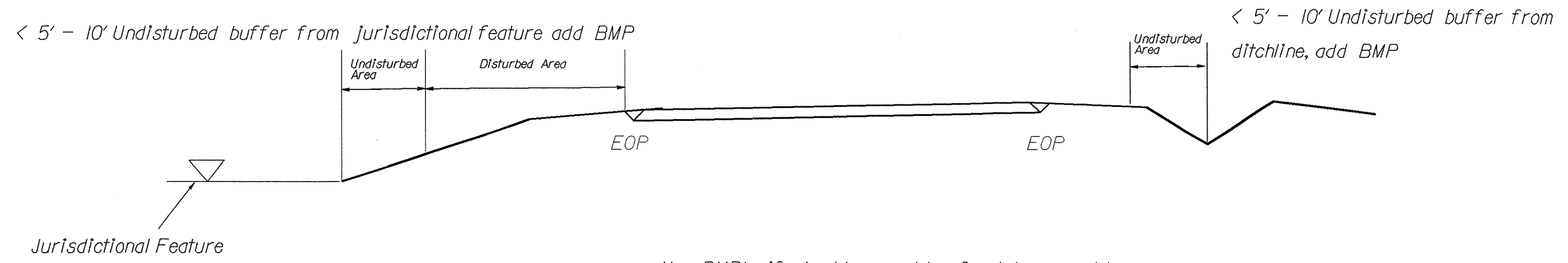
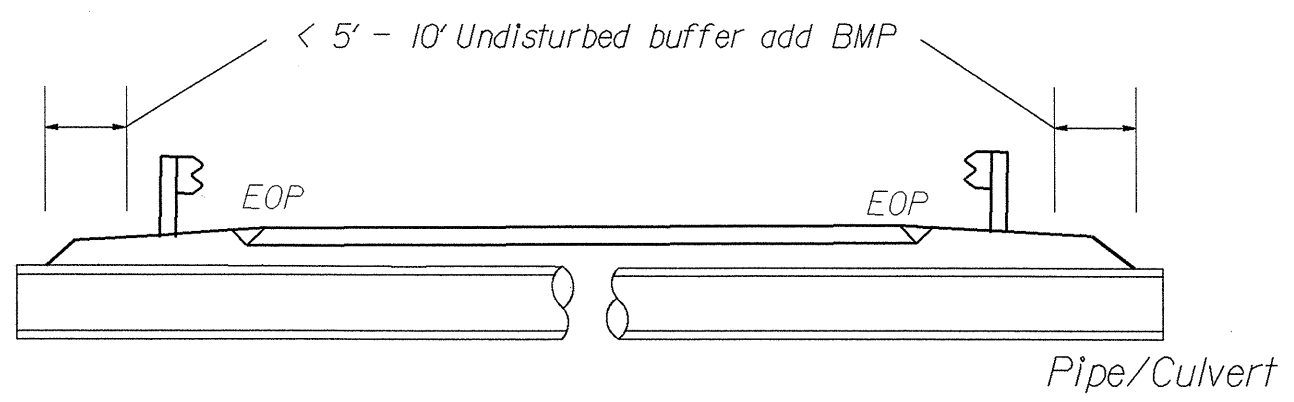
**THERMOPLASTIC AND PAINT QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4399000000-N	4685000000-E	4686000000-E			4695000000-E		4697000000-E	4710000000-E	4721000000-E			4725000000-E					4810000000-E		4820000000-E		4835000000-E	4900000000-N				
										TEMP. TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 120 M WHITE THERMO	4" X 120 M YELLOW THERMO	8" X 90 M WHITE THERMO	8" X 90 M YELLOW THERMO	8" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO MSG SCHOOL 120 M	THERMO MSG AHEAD 120 M	THERMO MSG STOP 120 M	THERMO RT ARROW 90 M EA	THERMO LT ARROW 90 M EA	THERMO STR ARROW 90 M EA	THERMO STR & LT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	BIKE SYMBOL 90M	4" WHITE PAINT	4" YELLOW PAINT	8" WHITE PAINT	8" YELLOW PAINT	24" WHITE PAINT	CRYSTAL & RED MARKERS	YELLOW & YELLOW MARKERS			
NO		NO			NO			LS	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA			
10CR.20601.164	Mecklenburg	1	MALLARD CRK CH RD (N) (SR-2472)	US 29 TO DAVID TAYLOR (SR-2713)	2, 5, 6, 7, 8	2		2.3	30	0.10	9,100	9,100	2,600	150		1,090	190					28	32	12								700	200			
TOTAL FOR MAP NO. 1								2.3		0.10	9,100	9,100	2,600	150		1,090	190					28	32	12							700	200				
TOTAL FOR PROJ NO. 10CR.20601.164								2.3		0.10	9,100	9,100	2,600	150		1,090	190					28	32	12							700	200				
										11,700			150												88				900							
10CR.20601.165	Mecklenburg	2	MALLARD CRK CH RD (S) (SR-2472)	DAVID TAYLOR (SR-2713) TO US 29	2, 5, 6, 7, 8	2		2.33	30	0.10	10,200	10,200	6,700	407		510						15	40									750	200			
TOTAL FOR MAP NO. 2								2.33		0.10	10,200	10,200	6,700	407		510							15	40								750	200			
TOTAL FOR PROJ NO. 10CR.20601.165								2.33		0.10	10,200	10,200	6,700	407		510							15	40								750	200			
										16,900			407												55				950							
10CR.20601.171	Mecklenburg	3	W. CATAWBA AVE (SR-5544)	MAGNOLIA ESTATES DR TO NC 73	9, 10, 11	2		1.791	33	0.10	19,800	19,800	23,000		890	290	12				9	57									60	350				
TOTAL FOR MAP NO. 3								1.791		0.10	19,800	19,800	23,000		890	290	12					9	57								60	350				
TOTAL FOR PROJ NO. 10CR.20601.171								1.791		0.10	19,800	19,800	23,000		890	290	12					9	57								60	350				
										42,800			890												69				410							
10CR.20601.173	Mecklenburg	4	NORTHCROSS DR (N OF 73) (SR-2316)	NC 73 TO PVMT JOINT NEAR EOM	2, 3	2		0.51	32	0.10	3,000	3,000	6,100		285	42					1	11	2								10	35				
TOTAL FOR MAP NO. 4								0.51		0.10	3,000	3,000	6,100		285	42						1	11	2							10	35				
TOTAL FOR PROJ NO. 10CR.20601.173								0.51		0.10	3,000	3,000	6,100		285	42						1	11	2							10	35				
										9,100			285												16				45							
10CR.20601.174	Mecklenburg	5	NORTHCROSS DR (S OF 73) (SR-2141)	NC 73 TO HUGH MCAULEY RD (SR-2141)	1, 2, 3	2		1.148	36	0.10	1,700	1,700	13,900		140	30															35	120				
TOTAL FOR MAP NO. 5								1.148		0.10	1,700	1,700	13,900		140	30															35	120				
TOTAL FOR PROJ NO. 10CR.20601.174								1.148		0.10	1,700	1,700	13,900		140	30															35	120				
										15,600															16				155							
10CR.20601.175	Mecklenburg	6	HUNTERSVILLE-CONCORD RD (SR-2426)	PVMT JOINT W. OF CABARRUS CO. LINE TO HIWASSEE RD (SR-2426)	1, 4	2		2.1	21	0.10	21,900		21,000																							
TOTAL FOR MAP NO. 6								2.1		0.10	21,900		21,000																							
TOTAL FOR PROJ NO. 10CR.20601.175								2.1		0.10	21,900		21,000																							
										21,000																										
10CR.20601.176	Mecklenburg	7	MCCOY RD (SR-2138)	GILEAD RD (SR-2136) TO HAMBRIGHT RD (SR-2117)	1, 2, 3, 4	2		1.64	22	0.10	18,000		19,000		280	120					10	8	2	8	3	2					30	110				
TOTAL FOR MAP NO. 7								1.64		0.10	18,000		19,000		280	120						10	8	2	8	3	2					30	110			
TOTAL FOR PROJ NO. 10CR.20601.176								1.64		0.10	18,000		19,000		280	120						10	8	2	8	3	2					30	110			
										19,000			280												18		22				140					
10CR.20601.177	Mecklenburg	8	POPLAR TENT RD (SR-2424)	NC 73 TO CABARRUS CO. LINE	1	2		0.8	21.5	0.10	8,900		9,200		15	54																				
TOTAL FOR MAP NO. 8								0.8		0.10	8,900		9,200		15	54																				
TOTAL FOR PROJ NO. 10CR.20601.177								0.8		0.10	8,900		9,200		15	54																				
										9,200			15												6											
10CR.20601.178	Mecklenburg	9	SHEARER RD (SR-2418)	E. ROCKY RIVER RD (SR-2420) TO IREDELL CO LINE	1	2		2.6	20	0.10	26,700		23,200																							
TOTAL FOR MAP NO. 9								2.6		0.10	26,700		23,200																							
TOTAL FOR PROJ NO. 10CR.20601.178								2.6		0.10	26,700		23,200																							
										23,200																										
10CR.10601.89	Mecklenburg	10	NC 73 (SAM FURR RD)	CATAWBA RIVER BRIDGE TO CATAWBA AVE (SR-2197)	12, 13, 14, 15	2		4.006	25	0.10	45,000	45,000	40,900	205	700		196	12			7	28								45,000	40,900	205	700	196	80	550
TOTAL FOR MAP NO. 10								4.006		0.10	45,000	45,000	40,900	205	700		196	12				7	28							45,000	40,900	205	700	196	80	550
TOTAL FOR PROJ NO. 10CR.10601.89								4.006		0.10	45,000	45,000	40,900	205	700		196	12				7	28							45,000	40,900	205	700	196	80	550
										85,900			905												12		35		85,900		905		630			
GRAND TOTAL											19.225		1	164,300	88,800	165,600	762	2,170	1,350	1,312	24	10	8	62	194	17	5	6	23	45,000	40,900	205	700	196	1,665	1,565
										254,400			2,932												42		307		85,900		905		3,230			

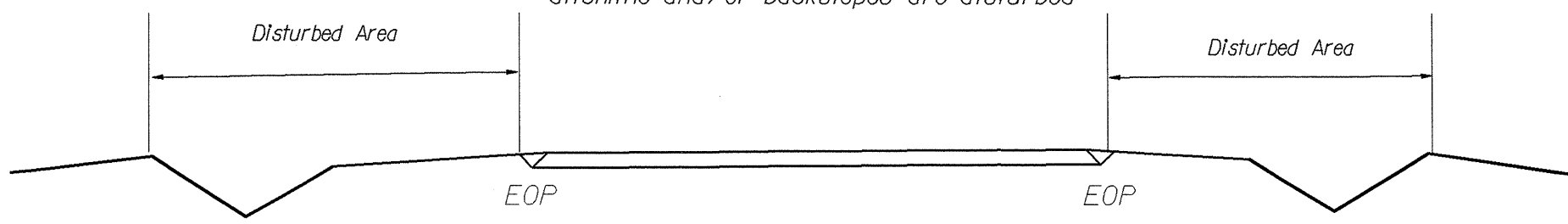
# EROSION CONTROL DETAIL

NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

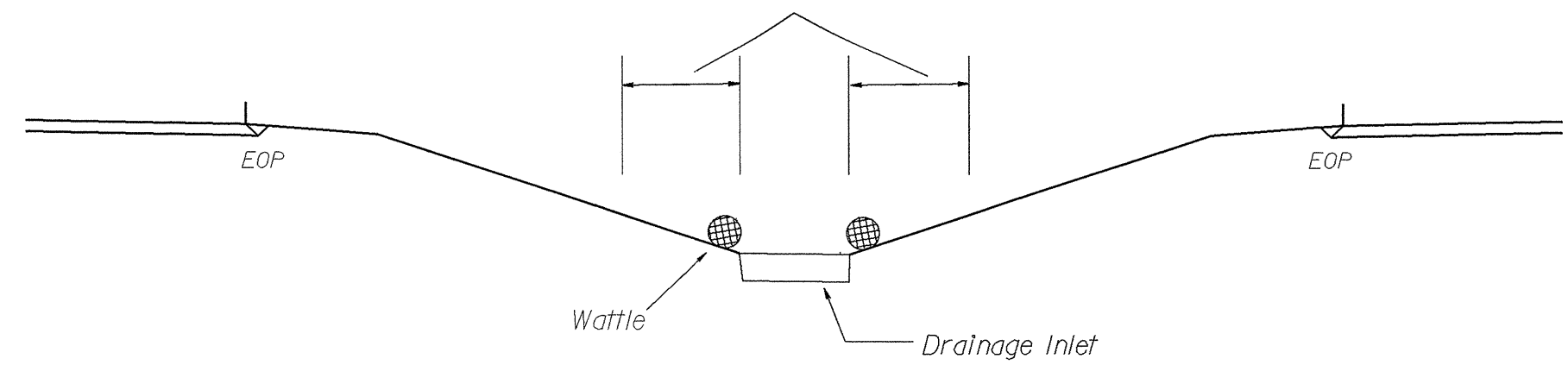
BMP Options: Wattle or Silt Fence



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

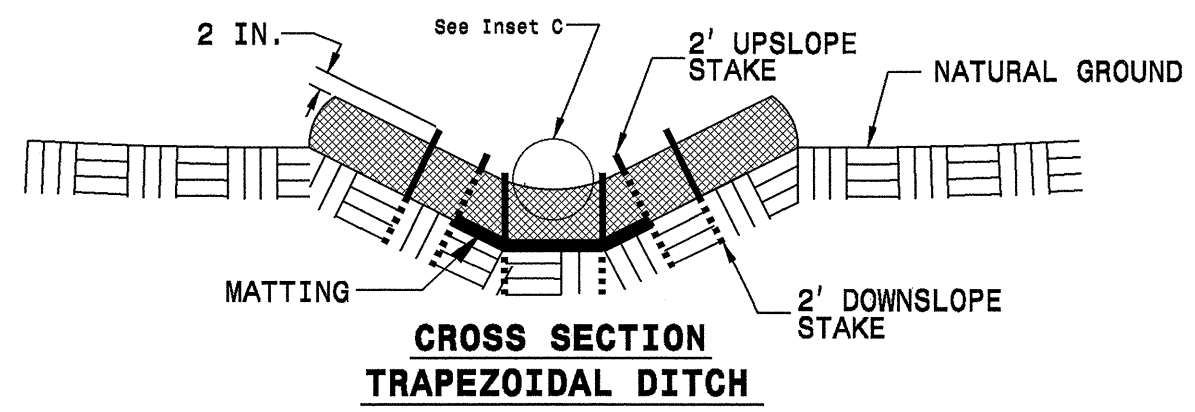
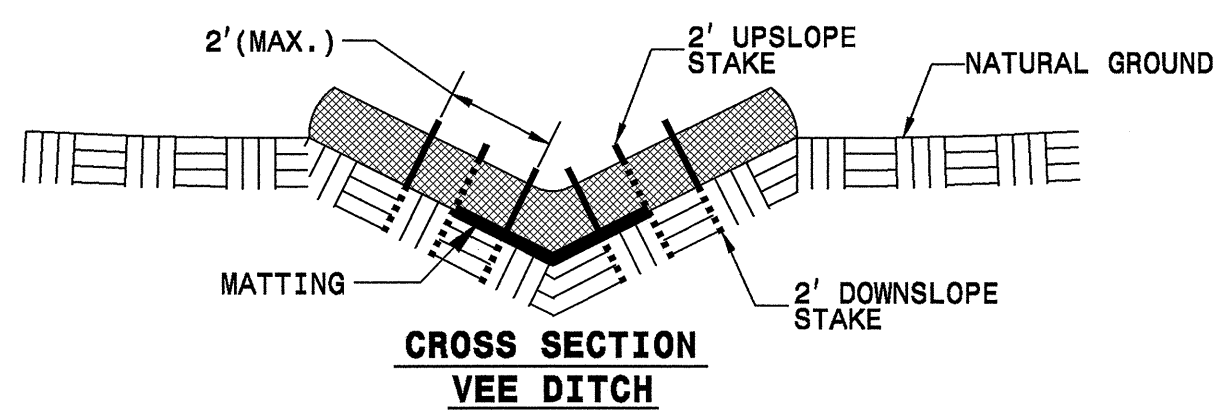
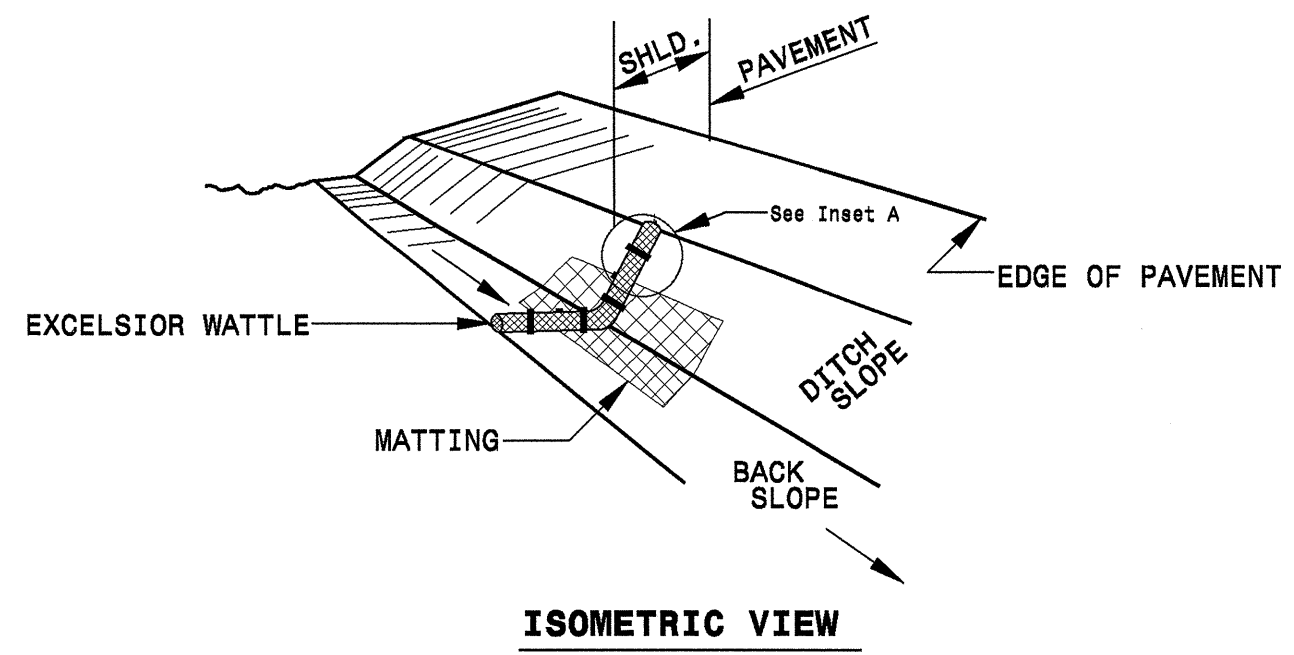


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

# WATTLE WITH POLYACRYLAMIDE DETAIL



- NOTES:
- USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.
  - USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.
  - INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.
  - PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.
  - INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
  - INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.
  - PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.
  - INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.

