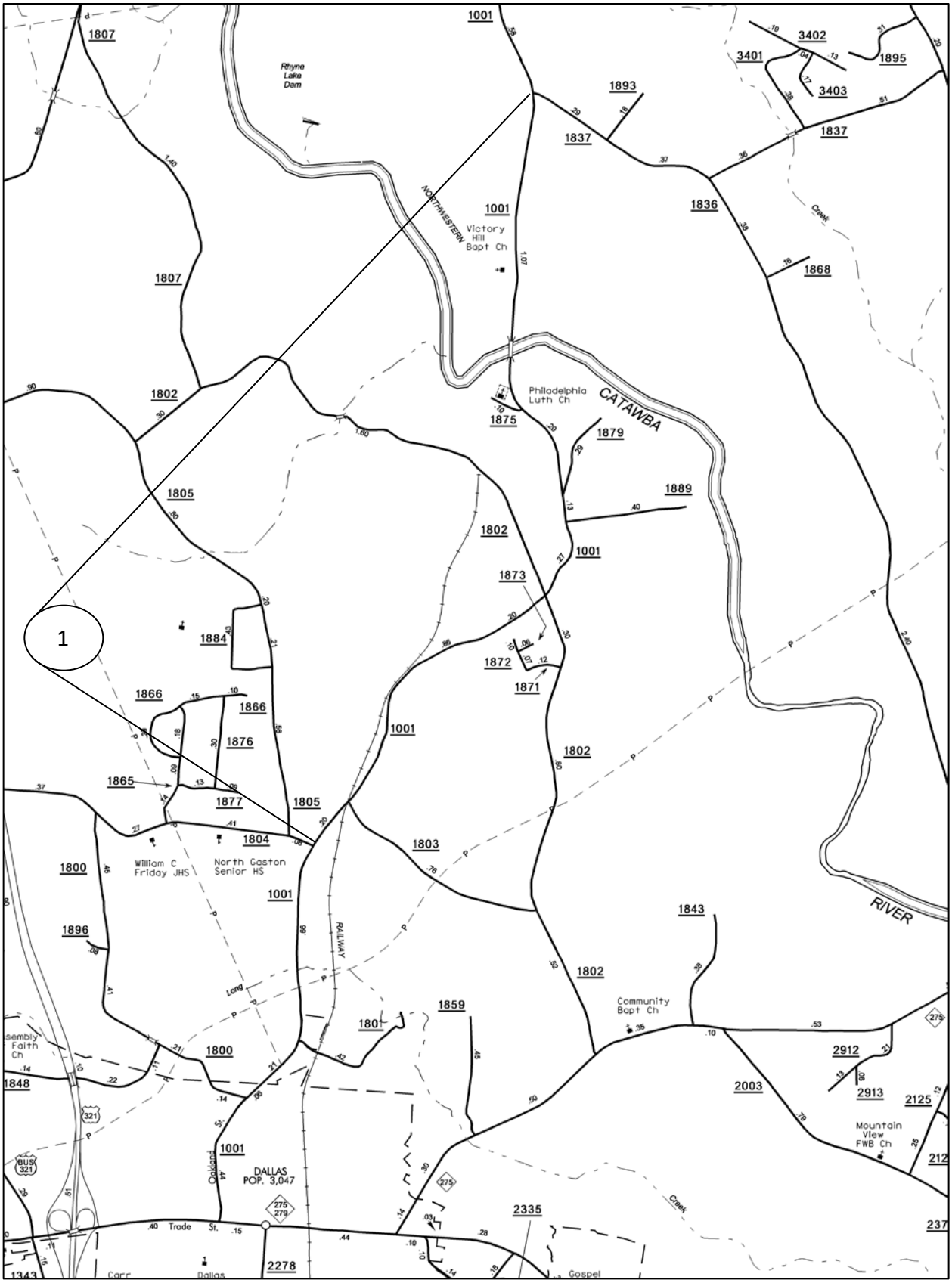
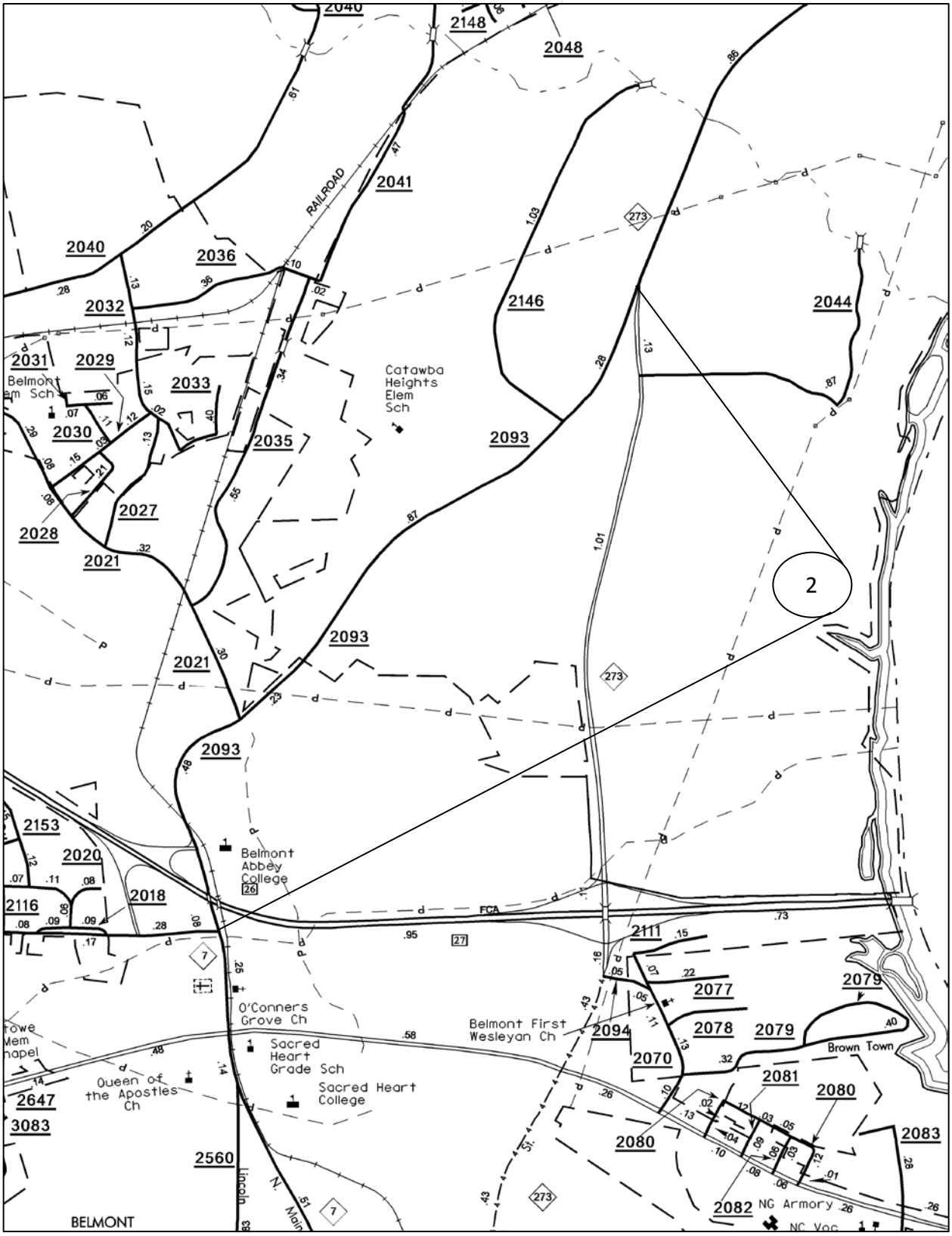
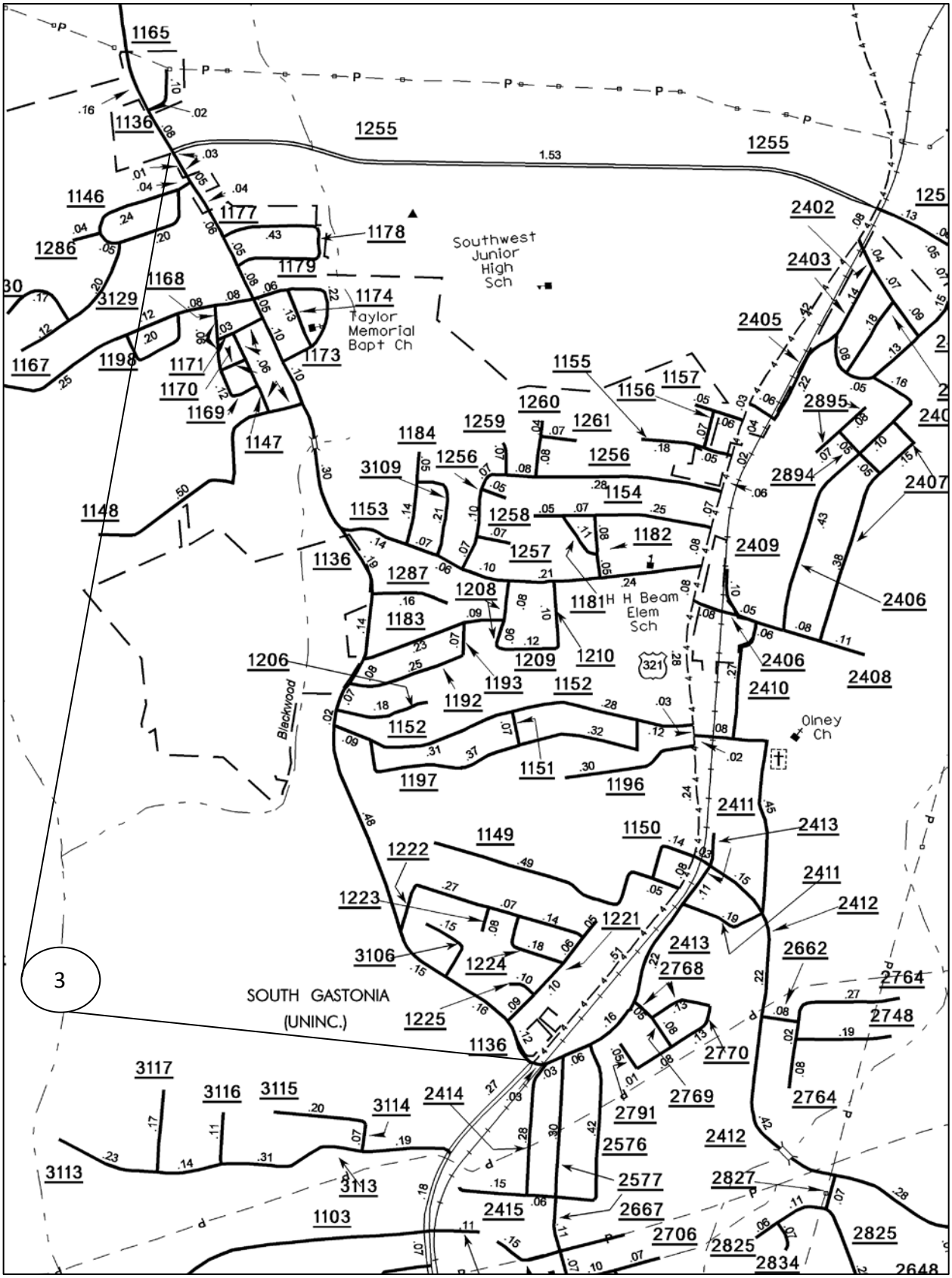


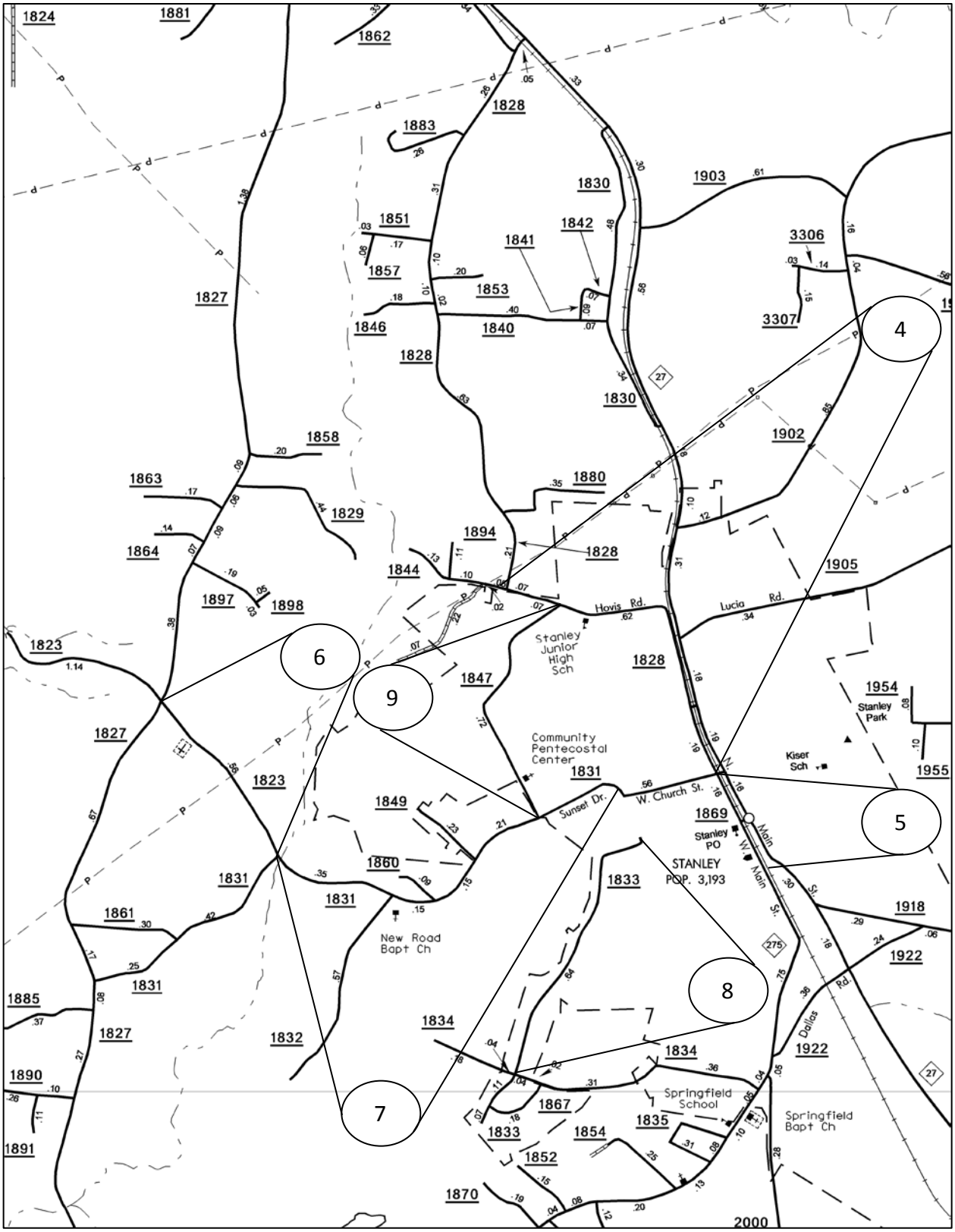
GASTON COUNTY
WBS 12CR.20361.25
Sheet 1



GASTON COUNTY
WBS 12CR.20361.25
Sheet 2



GASTON COUNTY
WBS 12CR.20361.25
Sheet 3



GASTON COUNTY
WBS 12CR.20361.25
Sheet 4

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
GASTON COUNTY 2014-2015	5	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
12CR.20361.25		

PAVEMENT SCHEDULE

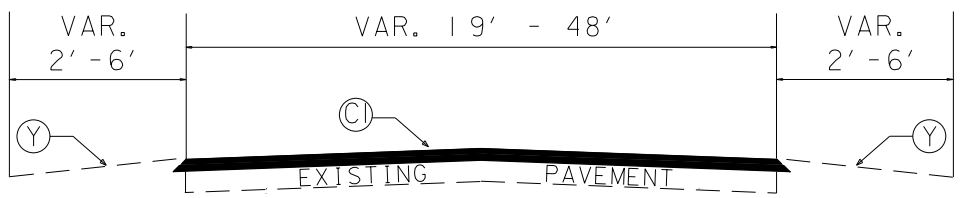
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
Y	SHOULDER RECONSTRUCTION
V1	MILL ASPHALT PAVEMENT APPROX. 1-3/4" AS DIRECTED BY ENGINEER

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

MILL BRIDGE APPROACHES & RXR APPROACHES 100' TO PROVIDE A SMOOTH TRANSITION AS DIRECTED.

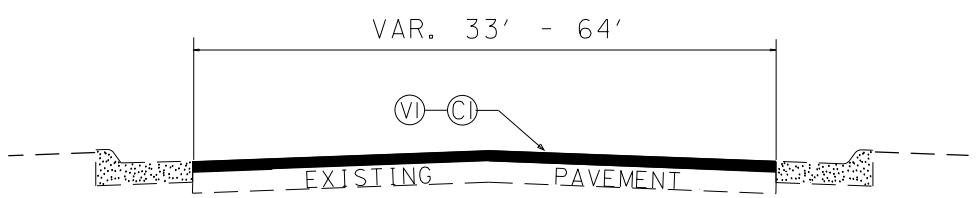
MILL INTO GUTTER LINE WHERE SHOWN AND AS DIRECTED.

MAINTAIN PROPER CROWN FOR DRAINAGE OF THE ROAD SURFACE.



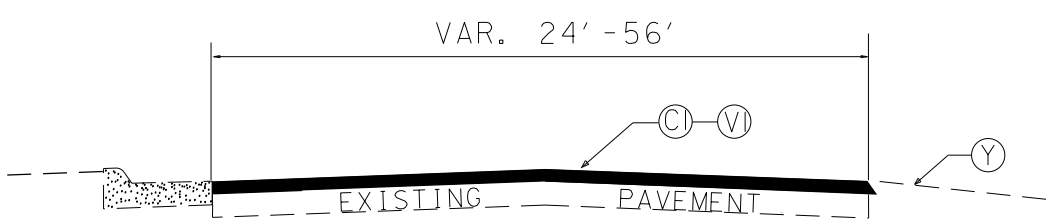
TYPICAL SECTION NO. 1

(MAP 1-3, 6-9)



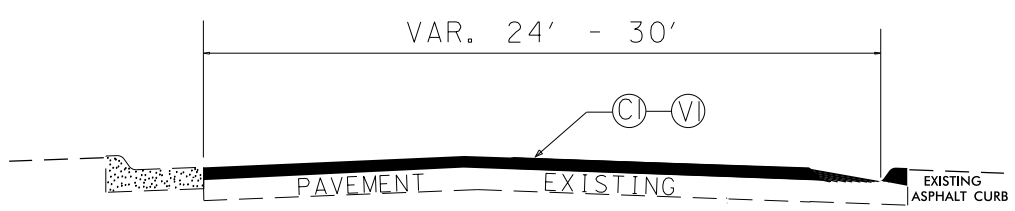
TYPICAL SECTION NO. 2

(MAP 4, 5)



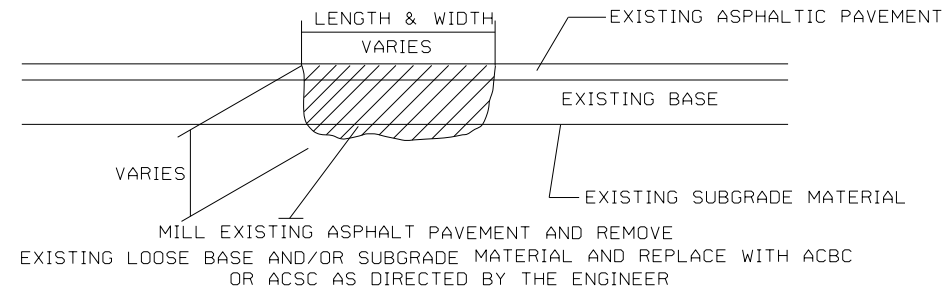
TYPICAL SECTION NO. 3

(MAP 2, 3)

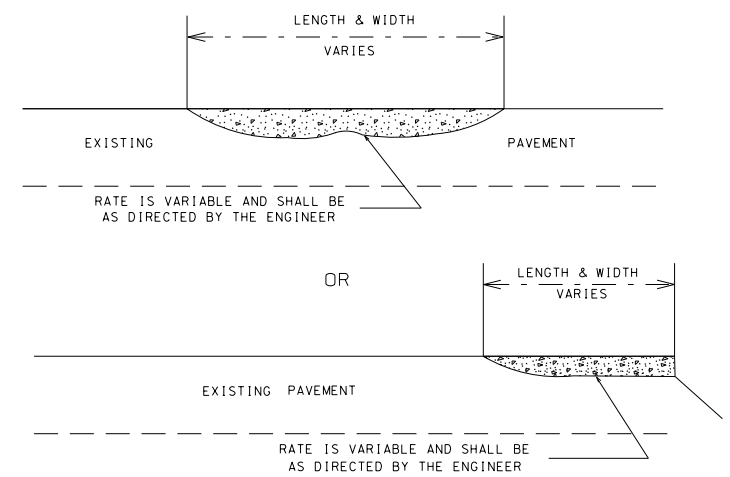


TYPICAL SECTION NO. 4

(MAP 2)

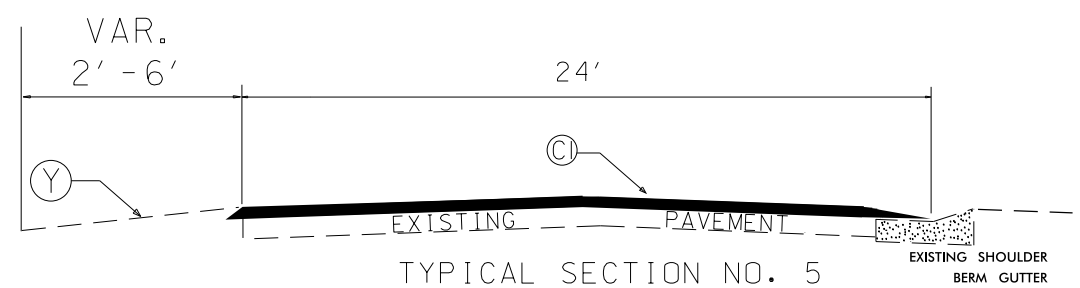


PATCHING EXISTING PAVEMENT



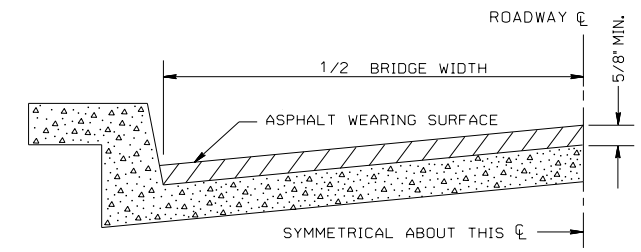
ASPHALT CONCRETE SURFACE COURSE

TYPE S9.5B & C (LEVELING COURSE)



TYPICAL SECTION NO. 5

(MAP 3)



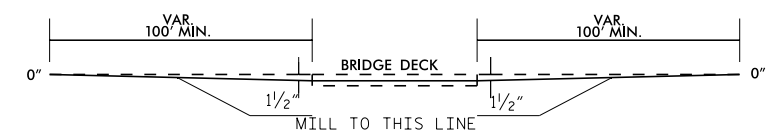
BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

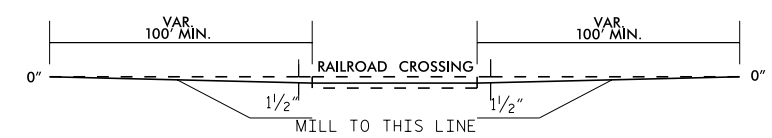
THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 5/8" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1-1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

NOTES

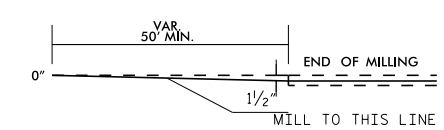
ALL UNPAVED S.R. ROADS TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.
SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE NOTED.
BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.



BRIDGE PROFILE



RAILROAD PROFILE



END OF MILLING PROFILE

PROJECT NO.	SHEET NO.	TOTAL NO.
12CR.20361.25	6	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	AGGREGATE SHOULDER BORROW TON	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	1.75" MILLING SY	INCIDENTAL MILLING (BRIDGE APPROACH) SY	INCIDENTAL MILLING (RXR) SY	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	RETROFIT EXISTING CURB RAMP EA	CONCRETE CURB RAMP EA	ADJ. OF DROP INLET EA	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	LAW ENFORCEMENT HR
12CR.20361.25	Gaston	1	SR-1001 (PHILADELPHIA CH RD)	SR-1804 TO SR-1837	1	3.06	VAR. 22-23	1,071	90	6.12		511		3,836	300	250	1,420						324		
TOTAL FOR MAP NO. 1						**3.06**		**1,071**	**90**	**6.12**		**511**		**3,836**	**300**	**250**	**1,420**						**324**		
12CR.20361.25	Gaston	2	SR-2093 (BELMONT - MT HOLLY RD)	NC-7 TO NC-273	3 1 4	0.85 1.26 0.09	VAR. 24-56 VAR. 24-48 VAR. 24-30	555	40	3.27		500	1,066	3,493	403	236	901						388		60
TOTAL FOR MAP NO. 2						**2.2**		**555**	**40**	**3.27**		**500**	**1,066**	**3,493**	**403**	**236**	**901**						**388**		**60**
12CR.20361.25	Gaston	3	SR-1136 (STAGECOACH RD)	US-321 TO SR-1255	3 5 1	0.08 0.29 1.77	VAR. 24-36 24 VAR. 21-48	715	60	4.09	1,704	480		2,923	200	188	1,102						404		45
TOTAL FOR MAP NO. 3						**2.23**		**715**	**60**	**4.09**	**1,704**	**480**		**2,923**	**200**	**188**	**1,102**						**404**		**45**
12CR.20361.25	Gaston	4	SR-1828 (HOVIS RD / N MAIN ST)	185' W OF GREEN RD TO W CHURCH ST	2	0.91	VAR. 33-35				21,283			1,799	172	119	431	8	6	1	7	11	180	*	45
TOTAL FOR MAP NO. 4						**0.91**					**21,283**			**1,799**	**172**	**119**	**431**	**8**	**6**	**1**	**7**	**11**	**180**		**45**
12CR.20361.25	Gaston	5	SR-1869 (N & S MAIN ST)	W CHURCH ST TO W CARPENTER ST	2	0.33	VAR. 35-64				10,600			896	50	57	220	5		6	8	9	180		45
TOTAL FOR MAP NO. 5						**0.33**					**10,600**			**896**	**50**	**57**	**220**	**5**		**6**	**8**	**9**	**180**		**45**
12CR.20361.25	Gaston	6	SR-1823 (MAUNEY RD)	SR-1827 TO SR-1831	1	0.54	VAR. 19-20	189	20	1.08				589	74	40	120						84		
TOTAL FOR MAP NO. 6						**0.54**		**189**	**20**	**1.08**				**589**	**74**	**40**	**120**						**84**		
12CR.20361.25	Gaston	7	SR-1831 (MAUNEY RD)	SR-1823 TO END MAINT	1	1.17	20	410	35	2.34				1,276	96	83	383						212		
TOTAL FOR MAP NO. 7						**1.17**		**410**	**35**	**2.34**				**1,276**	**96**	**83**	**383**						**212**		
12CR.20361.25	Gaston	8	SR-1833 (DURHAM RD)	SR-1834 TO END MAINT	1	0.64	VAR. 19-20	224	50	1.28				698	80	47	146						84		
TOTAL FOR MAP NO. 8						**0.64**		**224**	**50**	**1.28**				**698**	**80**	**47**	**146**						**84**		
12CR.20361.25	Gaston	9	SR-1847 (RALPH HANDSEL BLVD)	SR-1831 TO SR-1844	1	0.7	20	245	15	1.40				764	76	51	215						84		
TOTAL FOR MAP NO. 9						**0.7**		**245**	**15**	**1.40**				**764**	**76**	**51**	**215**						**84**		
TOTAL FOR PROJ NO. 12CR.20361.25						**11.78**		**3,409**	**310**	**19.58**	**33,587**	**1,491**	**1,066**	**16,274**	**1,451**	**1,071**	**4,938**	**13**	**6**	**7**	**15**	**20**	**1,940**	**1**	**195**
												2,557													

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	4686000000-E 4" X 120 M WHITE THERMO LF	4695000000-E 8" X 90 M YELLOW THERMO LF	4705000000-E 16" X 120 M WHITE THERMO LF	4710000000-E 24" X 120 M WHITE THERMO LF	4721000000-E THERMO RXR 120 M EA	4721000000-E THERMO MSG SCHOOL 120 M EA	4725000000-E THERMO LT ARROW 90 M EA	4725000000-E THERMO STR & RT ARROW 90 M EA	4725000000-E THERMO RT ARROW 90 M EA	4725000000-E THERMO STR ARROW 90 M EA	4810000000-E 4" WHITE PAINT LF	4810000000-E 4" YELLOW PAINT LF	4845000000-N PAINT HANDICAP PARKING SYMBOL EA	4847000000-E 4" YELLOW POLYUREA (HIGHLY REFLECTIVE ELEMENTS) LF	4847000000-E 4" WHITE POLYUREA (HIGHLY REFLECTIVE ELEMENTS) LF	4905000000-N SNOW PLOWABLE MARKERS EA
12CR.20361.25	Gaston	1	SR-1001 (PHILADELPHIA CH RD)	SR-1804 TO SR-1837	1	3.06	VAR. 22-23											65,851	65,851				203
TOTAL FOR MAP NO. 1						**3.06**												**65,851**	**65,851**				**203**
12CR.20361.25	Gaston	2	SR-2093 (BELMONT - MT HOLLY RD)	NC-7 TO NC-273	3 1 4	0.85 1.26 0.09	VAR. 24-56 VAR. 24-48 VAR. 24-30		100	100	245	4		11	2						21,520	18,520	180
TOTAL FOR MAP NO. 2						**2.2**			**100**	**100**	**245**	**4**		**11**	**2**						**21,520**	**18,520**	**180**
12CR.20361.25	Gaston	3	SR-1136 (STAGECOACH RD)	US-321 TO SR-1255	3 5 1	0.08 0.29 1.77	VAR. 24-36 24 VAR. 21-48				36			2		2					23,550	23,550	150
TOTAL FOR MAP NO. 3						**2.23**					**36**			**2**		**2**					**23,550**	**23,550**	**150**
12CR.20361.25	Gaston	4	SR-1828 (HOVIS RD / N MAIN ST)	185' W OF GREEN RD TO W CHURCH ST	2	0.91	VAR. 33-35	510	300		180		12	18	7	2	11	350		1	10,032		
TOTAL FOR MAP NO. 4						**0.91**		**510**	**300**		**180**		**12**	**18**	**7**	**2**	**11**	**350**		**1**	**10,032**		
12CR.20361.25	Gaston	5	SR-1869 (N & S MAIN ST)	W CHURCH ST TO W CARPENTER ST	2	0.33	VAR. 35-64	200			50			7	2	2	5	7,335	300		3,570		
TOTAL FOR MAP NO. 5						**0.33**		**200**			**50**			**7**	**2**	**2**	**5**	**7,335**	**300**		**3,570**		
12CR.20361.25	Gaston	6	SR-1823 (MAUNEY RD)	SR-1827 TO SR-1831	1	0.54	VAR. 19-20											11,621	11,621				
TOTAL FOR MAP NO. 6						**0.54**												**11,621**	**11,621**				
12CR.20361.25	Gaston	7	SR-1831 (MAUNEY RD)	SR-1823 TO END MAINT	1	1.17	20											25,178	25,178				
TOTAL FOR MAP NO. 7						**1.17**												**25,178**	**25,178**				
12CR.20361.25	Gaston	8	SR-1833 (DURHAM RD)	SR-1834 TO END MAINT	1	0.64	19											13,773	13,773				
TOTAL FOR MAP NO. 8						**0.64**												**13,773**	**13,773**				
12CR.20361.25	Gaston	9	SR-1847 (RALPH HANDSEL BLVD)	SR-1831 TO SR-1844	1	0.7	20				50		6					15,064	15,064				
TOTAL FOR MAP NO. 9						**0.7**					**50**		**6**					**15,064**	**15,064**				
TOTAL FOR PROJ NO. 12CR.20361.25						**11.78**		**710**	**400**	**100**	**561**	**4**	**18**	**38**	**11**	**6**	**16**	**139,172**	**131,787**	**1**	**58,672**	**42,070**	**533**
												22		**71**				**270,959**			**100,742**		