

**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

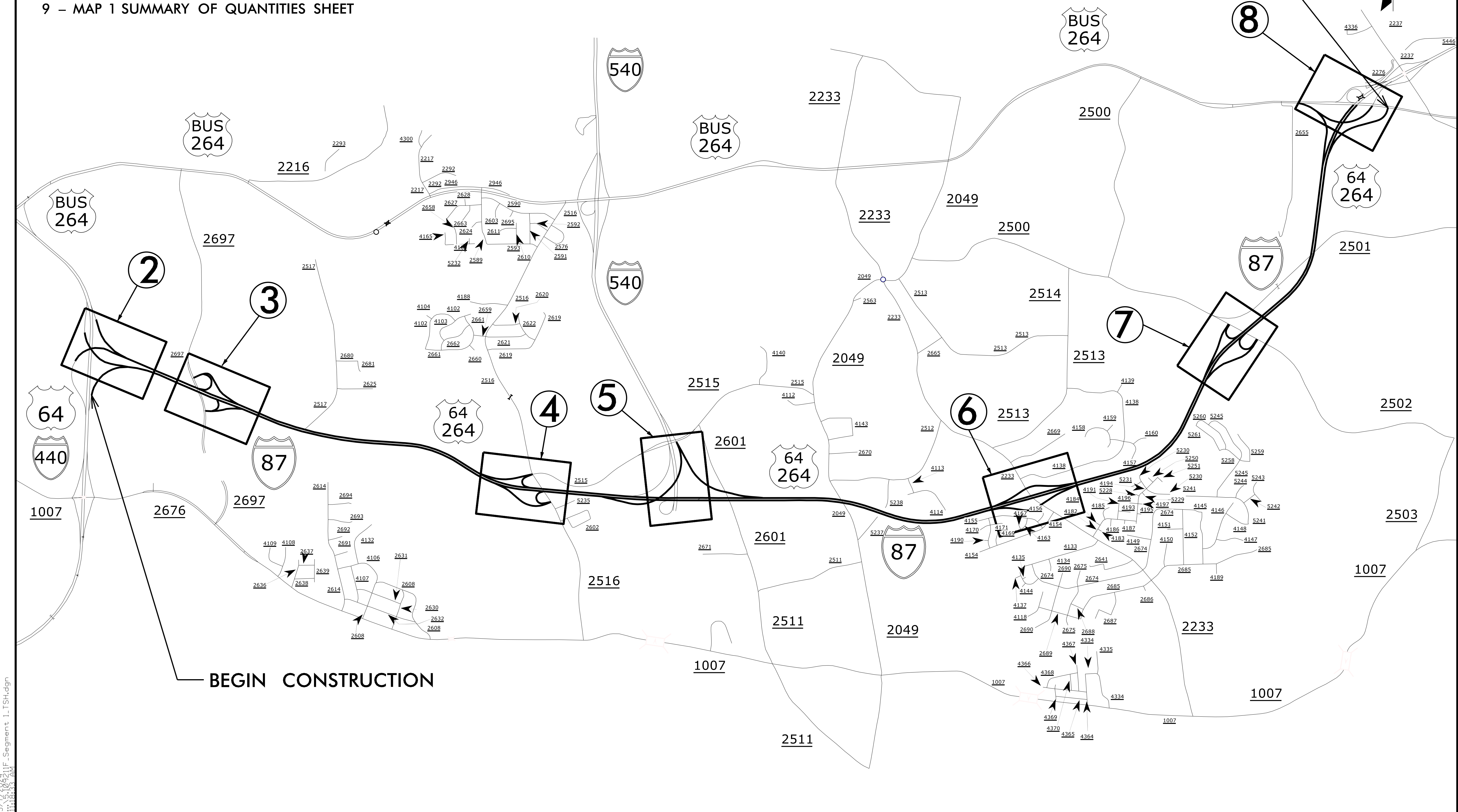
**This file or an individual page
shall not be considered a certified document.**

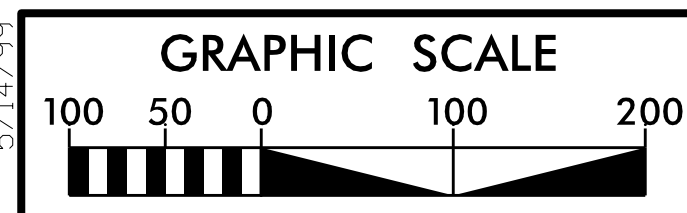
MAP 1

I-87 PAVEMENT MARKINGS

WAKE COUNTY

- 1 - MAP 1 TITLE SHEET
- 2 - I-87 AND I-440 INTERCHANGE SHEET
- 3 - I-87 AND NEW HOPE RD INTERCHANGE SHEET
- 4 - I-87 AND HODGE RD INTERCHANGE SHEET
- 5 - I-87 AND I-540 INTERCHANGE SHEET
- 6 - I-87 AND SMITHFIELD RD INTERCHANGE SHEET
- 7 - I-87 AND WENDELL FALLS PKWY INTERCHANGE SHEET
- 8 - I-87 AND KNIGHTDALE BLVD INTERCHANGE SHEET
- 9 - MAP 1 SUMMARY OF QUANTITIES SHEET





NOTES:
1) USE STD DWG 1205.17 SHEET 1 FOR MINI-SKIP PAVEMENT MARKINGS FOR LEFT TURN MOVEMENTS ONTO I-87 AND 12' ELONGATED ARROW AT RAMPLOOP ENTRANCE.
2) USE SPECIAL DETAIL WRONG WAY RAMP ARROW ONE LANE EXIT RAMP AT MULTI-LANE APPROACH IN CONJUNCTION WITH STD DWG 1205.08 SHEET 1.

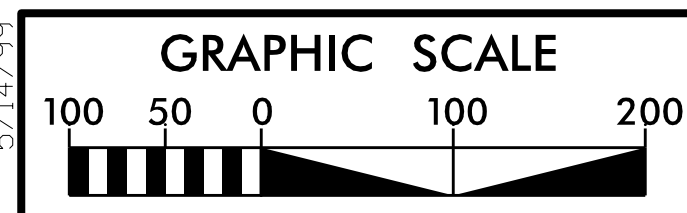
PROJECT REFERENCE NO.	SHEET NO.
5.109231F	3
MAP 1 WAKE	

I-87 AND NEW HOPE RD INTERCHANGE



3/4/2024 Segment_1_PSH2.dgn
10:55:51 AM





NOTES:
1) USE STD DWG 1205.17 SHEET 1 FOR MINI-SKIP PAVEMENT MARKINGS FOR LEFT TURN MOVEMENTS ONTO I-87 AND 12' ELONGATED ARROW AT RAMPLOOP ENTRANCE.
2) USE SPECIAL DETAIL WRONG WAY RAMP ARROW ONE LANE EXIT RAMP AT MULTI-LANE APPROACH IN CONJUNCTION WITH STD DWG 1205.08 SHEET 1.

PROJECT REFERENCE NO.	SHEET NO.
5109231F	4
MAP 1 WAKE	

I-87 AND HODGE RD INTERCHANGE

BEGIN/END PAVEMENT MARKINGS AT I-87 SB RAMPLOOP INTERSECTION WITH HODGE RD

INSTALL WRONG WAY ARROW SEE NOTE 2

I-87 SB

I-87 NB

HODGE RD

I-87 SB

I-87 NB

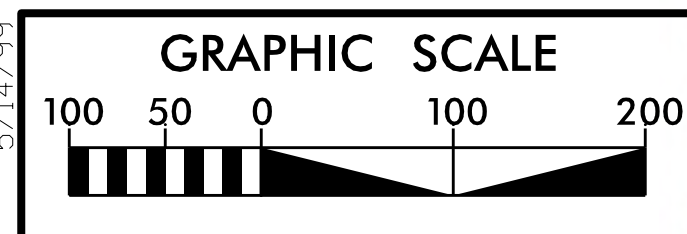
INSTALL WRONG WAY ARROW SEE NOTE 2

BEGIN/END PAVEMENT MARKINGS AT I-87 NB RAMPLOOP INTERSECTION WITH HODGE RD



5/14/99
3/4/2024 Segment_1_PSH3.dgn
10:50:01 AM





PROJECT REFERENCE NO.	SHEET NO.
5.109231F	5
MAP 1 WAKE	

**I-87 AND
I-540
INTERCHANGE**

END PAVEMENT MARKINGS AT
END OF I-87 SB OFF RAMP
TO I-540 WB

END PAVEMENT MARKINGS AT
END OF I-87 NB FLYOVER
TO I-540 WB

I-540 WB

I-540 E

I-87 SB

I-87 NB

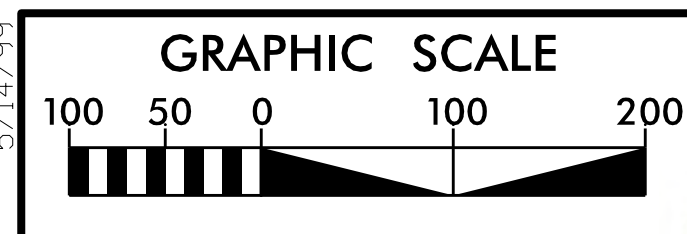
I-87 SB

I-87 NB



3/4/2024 Segment_1_PSH4.dgn
10:24:33 AM

5/14/99



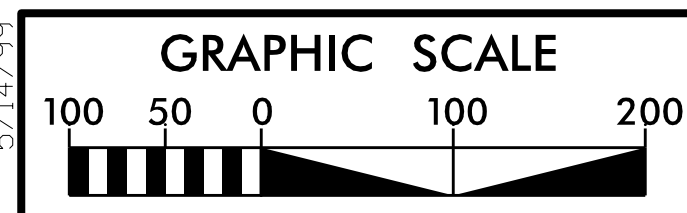
NOTES:
1) USE SPECIAL DETAIL WRONG WAY RAMP ARROW ONE LANE EXIT RAMP AT MULTI-LANE APPROACH IN CONJUNCTION WITH STD DWG 1205.08 SHEET 1.

PROJECT REFERENCE NO. 5109231F	SHEET NO. 6
MAP 1 WAKE	

I-87 AND SMITHFIELD RD INTERCHANGE



3/4/2024 Segment_1_PSH5.dgn
10:11:16 AM



NOTES:
 1) USE SPECIAL DETAIL WRONG WAY RAMP ARROW ONE LANE EXIT RAMP AT MULTI-LANE APPROACH IN CONJUNCTION WITH STD DWG 1205.08 SHEET 1.
 2) USE SPECIAL DETAIL WRONG WAY RAMP ARROW TWO LANE EXIT RAMP AT MULTI-LANE APPROACH IN CONJUNCTION WITH STD DWG 1205.08 SHEET 1.

PROJECT REFERENCE NO.	SHEET NO.
5J09231F	7
MAP 1 WAKE	

**I-87 AND
 WENDELL FALLS PKWY
 INTERCHANGE**

BEGIN/END PAVEMENT MARKINGS
 AT I-87 SB RAMP/LOOP
 INTERSECTION WITH WENDELL FALLS PKWY

INSTALL WRONG WAY
 ARROW SEE NOTE 1

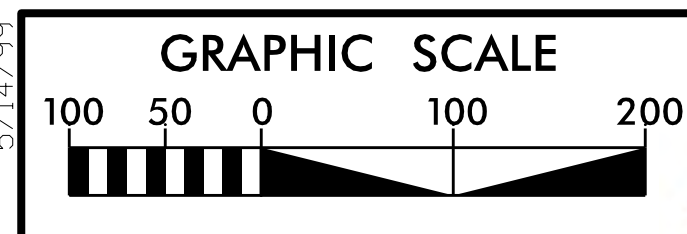
BEGIN/END PAVEMENT MARKINGS
 AT I-87 NB RAMP/LOOP
 INTERSECTION WITH WENDELL FALLS PKWY

INSTALL WRONG WAY
 ARROWS SEE NOTE 2

5/14/99

3/4/2024 Segment_1_PSH6.dgn
 10:05:11 AM



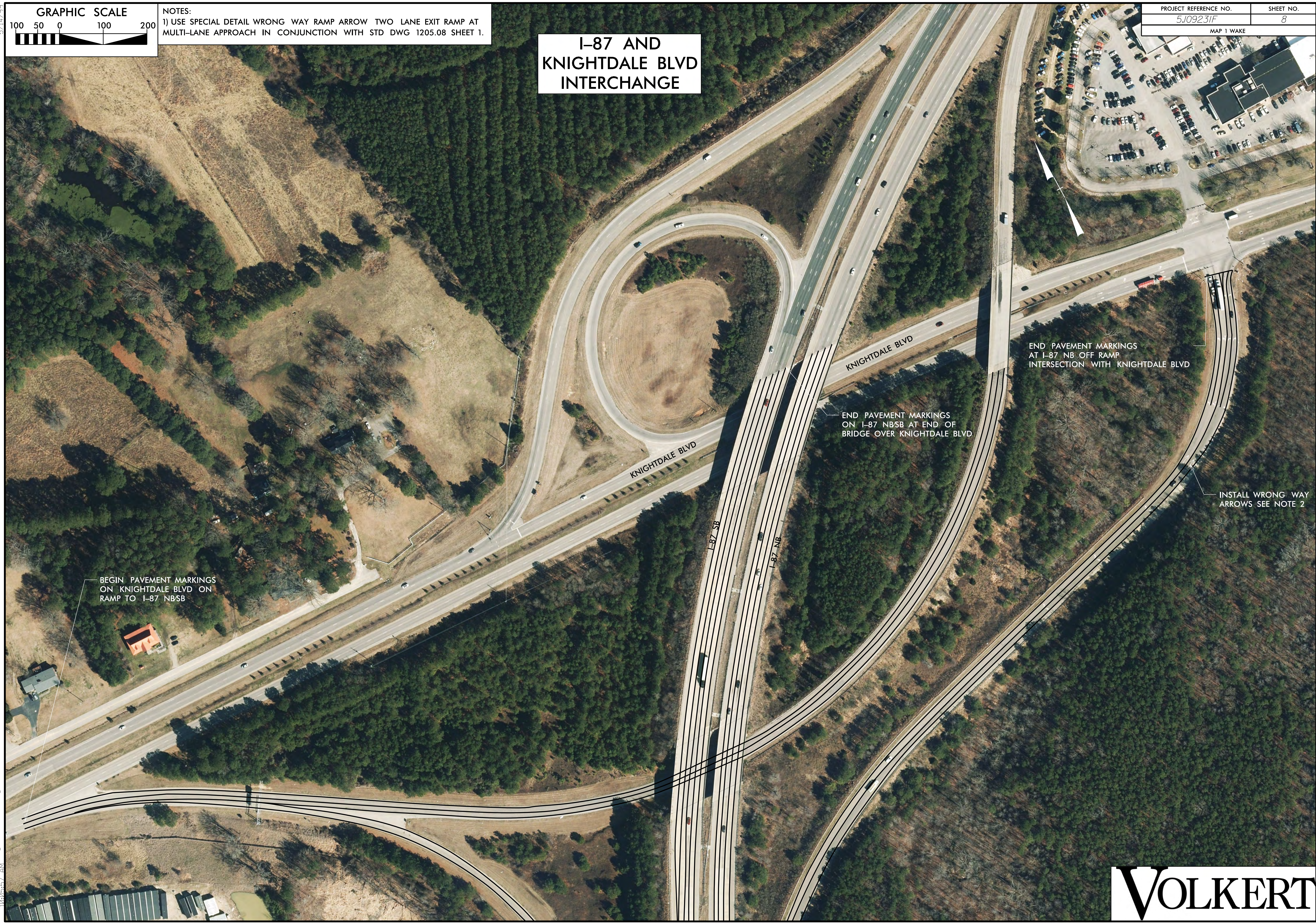


NOTES:
 1) USE SPECIAL DETAIL WRONG WAY RAMP ARROW TWO LANE EXIT RAMP AT MULTI-LANE APPROACH IN CONJUNCTION WITH STD DWG 1205.08 SHEET 1.

PROJECT REFERENCE NO. 5.109231F	SHEET NO. 8
MAP 1 WAKE	

I-87 AND KNIGHTDALE BLVD INTERCHANGE

5/14/99
3/4/2024 Segment_1_PSH7.dgn
10/15/2024



BEGIN PAVEMENT MARKINGS ON KNIGHTDALE BLVD ON RAMP TO I-87 NBSB

KNIGHTDALE BLVD

KNIGHTDALE BLVD

I-87 SB

I-87 NB

END PAVEMENT MARKINGS ON I-87 NBSB AT END OF BRIDGE OVER KNIGHTDALE BLVD

END PAVEMENT MARKINGS AT I-87 NB OFF RAMP INTERSECTION WITH KNIGHTDALE BLVD

INSTALL WRONG WAY ARROWS SEE NOTE 2



SUMMARY OF QUANTITIES

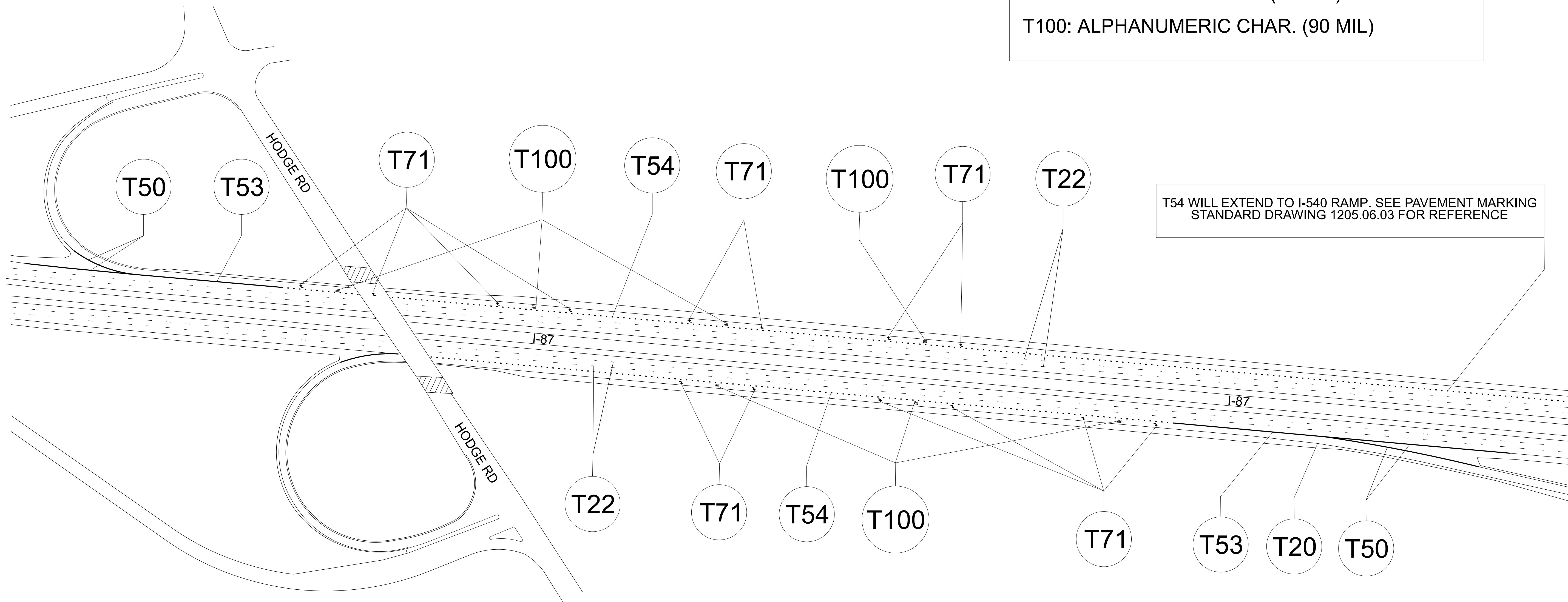
PROJECT NO.	SHEET NO.	TOTAL NO.
5.109231F	9	

CONTRACT ME00044

PROJECT NO	COUNTY	Map# / PSH #	DESCRIPTION	TYPE	Direction	4424000000-N	4434000000-N	4510000000-N	4890000000-E	4725000000-E							4800000000-N	4805000000-N			4905100000-N	4685000000-E							
						WORK ZONE PRESENCE LIGHTING	SEQUENTIAL FLASHING WARNING LIGHTS	LAW ENFORCEMENT	THERMO (90 MILS) SYMBOL 24" YIELD LINE	THERMO (90 MILS) SYMBOL STRAIGHT/LEFT ARROW (90 MIL)	THERMO (90 MILS) SYMBOL ELONGATED STR ARROW	THERMO (90 MILS) SYMBOL RT ARROW	THERMO (90 MILS) SYMBOL LT ARROW	THERMO (90 MILS) SYMBOL LT/RT ARROW	THERMO (90 MILS) SYMBOL MERGE ARROW	THERMO (90 MILS) SYMBOL STR ARROW	THERMO (90 MILS) SYMBOL WRONG WAY ARROW	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE III ALPHA.	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE III, SYMBOL RT ARROW	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE III, SYMBOL MERGE ARROW	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	THERMO WHITE EDGELINE (4", 90 MIL)	THERMO WHITE SOLID LANE LINE (4", 90 MIL)	THERMO 10 FT. WHITE SKIP (4", 90 MIL)	THERMO 3 FT. - 9 FT./SP WHITE MINISKIP (4", 90 MIL)	THERMO YELLOW EDGELINE (4", 90 MIL)			
						EA	EA	HR	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA			
5.109231F	WAKE	1 / 1	I-87 SB	MAINLINE	SB	14	18	20									4	8	15										
5.109231F	WAKE	1 / 1	I-87 NB	MAINLINE	NB	14	18	20									16	11	12										
5.109231F	WAKE	1 / 2	I-87/I-440	INTERCHANGE	SB												14												
5.109231F	WAKE	1 / 3	I-87/NEW HOPE ROAD	INTERCHANGE	SB					1	3	6									14	1,710	270	30	169	2,810			
5.109231F	WAKE	1 / 4	I-87/HODGE ROAD	INTERCHANGE	SB				16	2	1	2									14	1,400	80	35	88	1,575			
5.109231F	WAKE	1 / 5	I-87/I-540	INTERCHANGE	SB																				40				
5.109231F	WAKE	1 / 6	I-87/SMITHFIELD ROAD	INTERCHANGE	SB					1	2	2									14	2,105	96		280	2,090			
5.109231F	WAKE	1 / 7	I-87/WENDELL FALLS PKWY	INTERCHANGE	SB					3											14	1,930	340		222	1,955			
5.109231F	WAKE	1 / 8	I-87/KNIGHTDALE BLVD	INTERCHANGE	SB																				90	1,405			
5.109231F	WAKE	1 / 2	I-87/I-440	INTERCHANGE	NB																								
5.109231F	WAKE	1 / 3	I-87/NEW HOPE ROAD	INTERCHANGE	NB					1	3	6									14	1,065	375	85	279	1,745			
5.109231F	WAKE	1 / 4	I-87/HODGE ROAD	INTERCHANGE	NB				16		1	3	6								14	1,720	150	50	173	2,505			
5.109231F	WAKE	1 / 5	I-87/I-540	INTERCHANGE	NB																								
5.109231F	WAKE	1 / 6	I-87/SMITHFIELD ROAD	INTERCHANGE	NB					1	2	2									14	2,450	100		85	2,270			
5.109231F	WAKE	1 / 7	I-87/WENDELL FALLS PKWY	INTERCHANGE	NB						6	3									28	3,550		590	222	2,860			
5.109231F	WAKE	1 / 8	I-87/KNIGHTDALE BLVD	INTERCHANGE	NB					3			6	9											4,120	785	965		4,750
TOTAL						28	36	40	32	8	6	24	31	9	8	6	11	34	19	27	126	22325	2196	1755	1646	23965			
GRAND TOTAL						28	36	40	32	103							34	46			126	51887							

CONTRACT ME00044

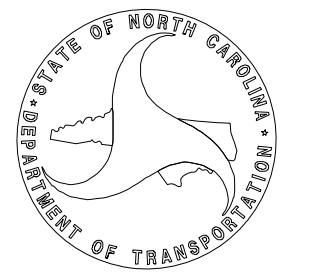
PROJECT NO	COUNTY	Map# / PSH #	DESCRIPTION	TYPE	Direction	4695000000-E	4709000000-E	4775000000-E	4785000000-E	4890000000-E		4850000000-E	4855000000-E	4860000000-E	4865000000-E	4870000000-E	4875000000-N								
						THERMO WHITE DIAGONAL (8", 90 MIL)	THERMO YELLOW DIAGONAL (8", 90 MIL)	THERMO WHITE STOP BAR (24", 90 MIL)	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (6") WHITE EDGELINE	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (6") WHITE LANE LINE	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (6") YELLOW EDGELINE	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (12") WHITE GORELINE	CONTRAST COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (9") WHITE 10' SKIP	CONTRAST COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (9") 3 FT. - 9 FT./SP WHITE MINISKIP	REMOVAL OF PAVEMENT MARKING LINES (4")	REMOVAL OF PAVEMENT MARKING LINES (6")	REMOVAL OF PAVEMENT MARKING LINES (8")	REMOVAL OF PAVEMENT MARKING LINES (12")	REMOVAL OF PAVEMENT MARKING LINES (24")	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS					
						LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EA									
5.109231F	WAKE	1 / 1	I-87 SB	MAINLINE	SB					45,545		52,890	7,065	28,000	1,070	0	127,505	0	7,065	0	0	0	0	0	27
5.109231F	WAKE	1 / 1	I-87 NB	MAINLINE	NB					51,090	1,015	60,755	5,325	32,865	860	0	146,585	0	5,325	0	0	0	0	0	39
5.109231F	WAKE	1 / 2	I-87/I-440	INTERCHANGE	SB					2,255		2,230		565		0	5,050	0	0	0	0	0	0	0	14
5.109231F	WAKE	1 / 3	I-87/NEW HOPE ROAD	INTERCHANGE	SB			45								4,989	0	0	0	0	0	0	45	10	
5.109231F	WAKE	1 / 4	I-87/HODGE ROAD	INTERCHANGE	SB			40								3,178	0	0	0	0	0	40	0	21	
5.109231F	WAKE	1 / 5	I-87/I-540	INTERCHANGE	SB					2,855		2,870	750				40	5,725	0	750	0	0	0	0	
5.109231F	WAKE	1 / 6	I-87/SMITHFIELD ROAD	INTERCHANGE	SB	265										4,571	0	265	0	0	0	0	0	9	
5.109231F	WAKE	1 / 7	I-87/WENDELL FALLS PKWY	INTERCHANGE	SB	1,070										4,447	0	1,070	0	0	0	0	0	13	
5.109231F	WAKE	1 / 8	I-87/KNIGHTDALE BLVD	INTERCHANGE	SB											3,770	0	0	0	0	0	0	0	0	
5.109231F	WAKE	1 / 2	I-87/I-440	INTERCHANGE	NB					2,630		2,625		655			0	5,910	0	0	0	0	0	0	
5.109231F	WAKE	1 / 3	I-87/NEW HOPE ROAD	INTERCHANGE	NB			55								3,549	0	0	0	0	55	0	0	13	
5.109231F	WAKE	1 / 4	I-87/HODGE ROAD	INTERCHANGE	NB	245		26								4,598	0	245	0	26	0	0	0	26	
5.109231F	WAKE	1 / 5	I-87/I-540	INTERCHANGE	NB					3,770		6,925					0	10,695	0	0	0	0	0	0	
5.109231F	WAKE	1 / 6	I-87/SMITHFIELD ROAD	INTERCHANGE	NB	410	50	40								4,905	0	460	0	40	0	40	0	6	
5.109231F	WAKE	1 / 7	I-87/WENDELL FALLS PKWY	INTERCHANGE	NB		80	15								7,222	0	80	0	15	0	0	0	10	
5.109231F	WAKE	1 / 8	I-87/KNIGHTDALE BLVD	INTERCHANGE	NB			60								10,620	0	0	0	60	0	0	0	18	
TOTAL						1990	50	80	281	108145	1015	128295	13140	62085	1930	51887	301470	2120	13140	281	206				
GRAND TOTAL						2120		281	237455			13140	64015		51887	301470	2120	13140	281	206					



PAVEMENT MARKING CODES

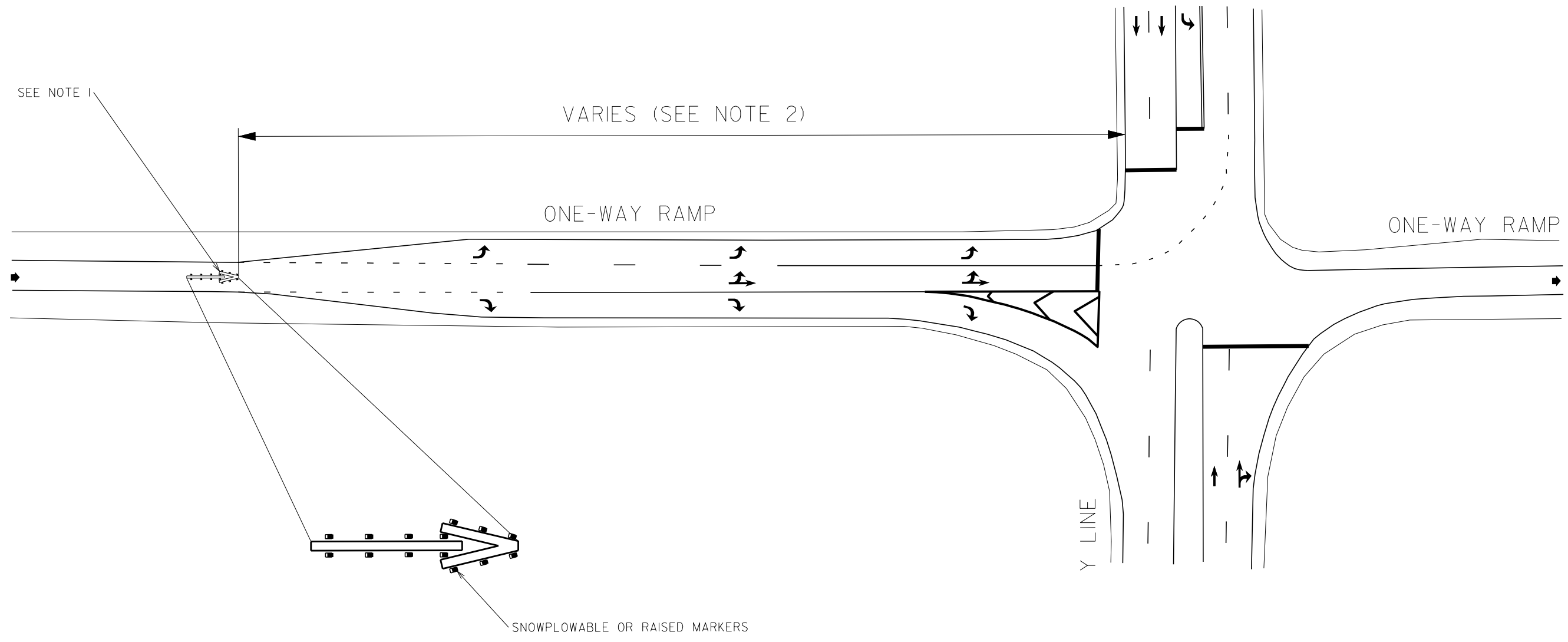
- T20: WHITE EDGELINE (6", 90 MIL)
- T22: 10 FT. WHITE SKIP (6", 90 MIL)
- T50: WHITE GORELINE (12", 90 MIL)
- T53: WHITE SOLID LANE LINE (12", 90 MIL)
- T54: 3FT. - 9FT./SP WHITE MINISKIP (12", 90 MIL)
- T71: RIGHT TURN ARROW (90 MIL)
- T100: ALPHANUMERIC CHAR. (90 MIL)

T54 WILL EXTEND TO I-540 RAMP. SEE PAVEMENT MARKING STANDARD DRAWING 1205.06.03 FOR REFERENCE



8-18

ASPHALT TREATMENT



SEE NOTE 1

VARIES (SEE NOTE 2)

ONE-WAY RAMP

ONE-WAY RAMP

Y LINE

SNOWPLOWABLE OR RAISED MARKERS

NOTES:

- 1) REFER TO THE ROADWAY STANDARD DRAWING 1205.08, SHEET 1, FOR RAMP ARROW DIMENSIONS AND MARKER PLACEMENT.
- 2) PLACEMENT OF WRONG-WAY RAMP ARROW VARIES AND SHOULD BE LOCATED JUST BEFORE THE MULTI-LANE APPROACH.
- 3) MARKING SHALL BE THERMOPLASTIC MATERIAL.

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKING SYMBOLS

8-18

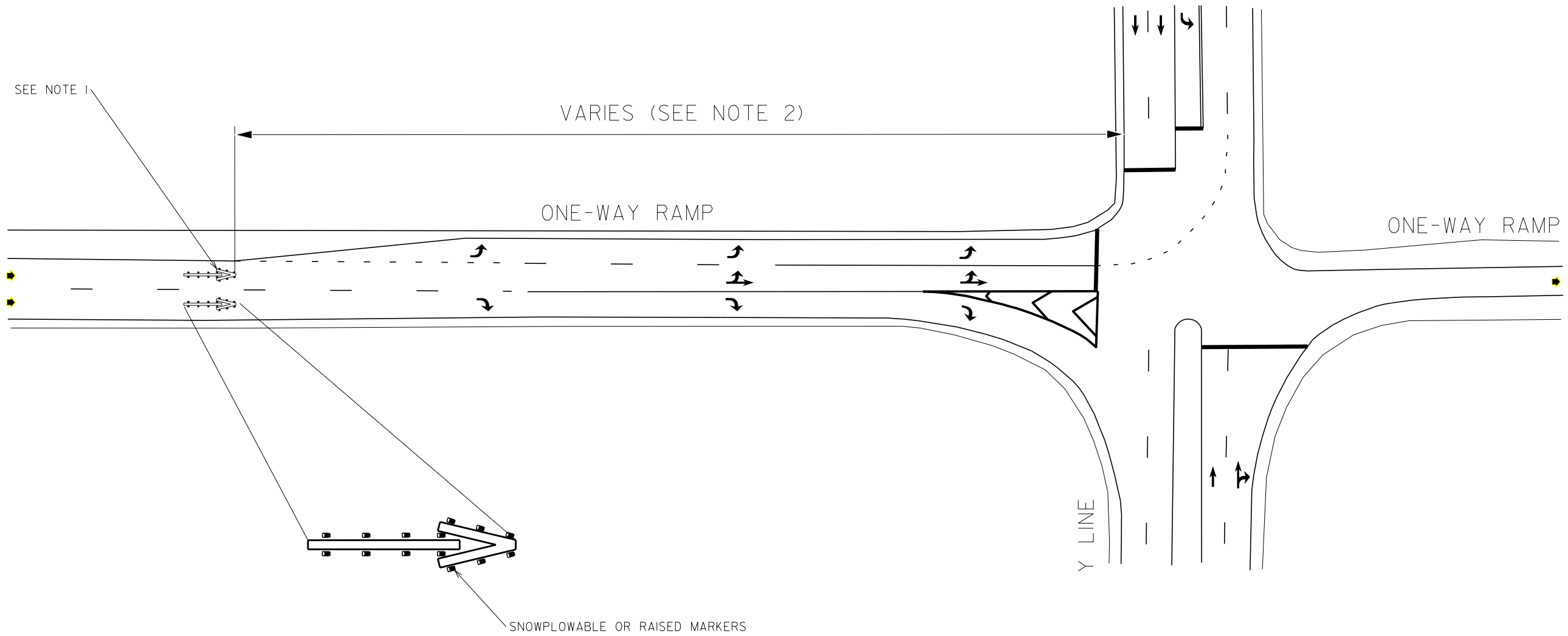
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

8-18

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
WRONG WAY RAMP ARROW
TWO-LANE EXIT RAMP AT MULTI-LANE APPROACH

SHEET 1 OF 2

ASPHALT TREATMENT



SEE NOTE 1

VARIES (SEE NOTE 2)

ONE-WAY RAMP

ONE-WAY RAMP

Y LINE

SNOWPLOWABLE OR RAISED MARKERS

NOTES:

- 1) REFER TO THE ROADWAY STANDARD DRAWING 1205.08, SHEET 1, FOR RAMP ARROW DIMENSIONS AND MARKER PLACEMENT.
- 2) PLACEMENT OF WRONG-WAY RAMP ARROW VARIES AND SHOULD BE LOCATED JUST BEFORE THE MULTI-LANE APPROACH.
- 3) MARKING SHALL BE THERMOPLASTIC MATERIAL.

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKING SYMBOLS

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

8-18

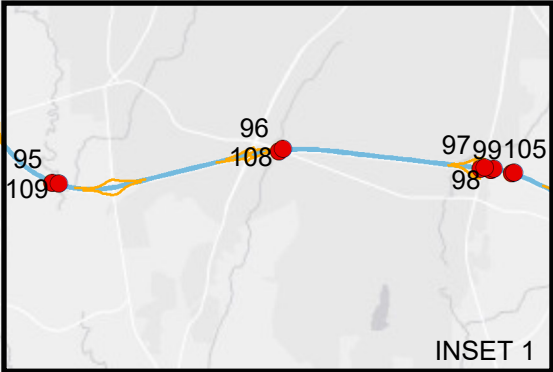
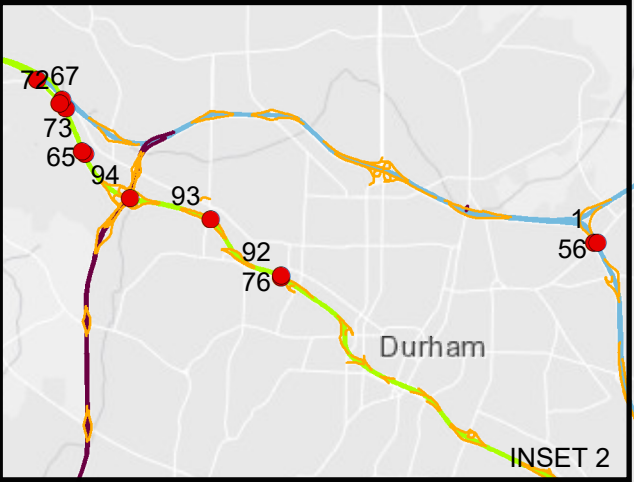
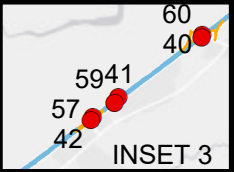
ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
WRONG WAY RAMP ARROW
TWO-LANE EXIT RAMP AT MULTI-LANE APPROACH

SHEET 1 OF 2

04-12-2016

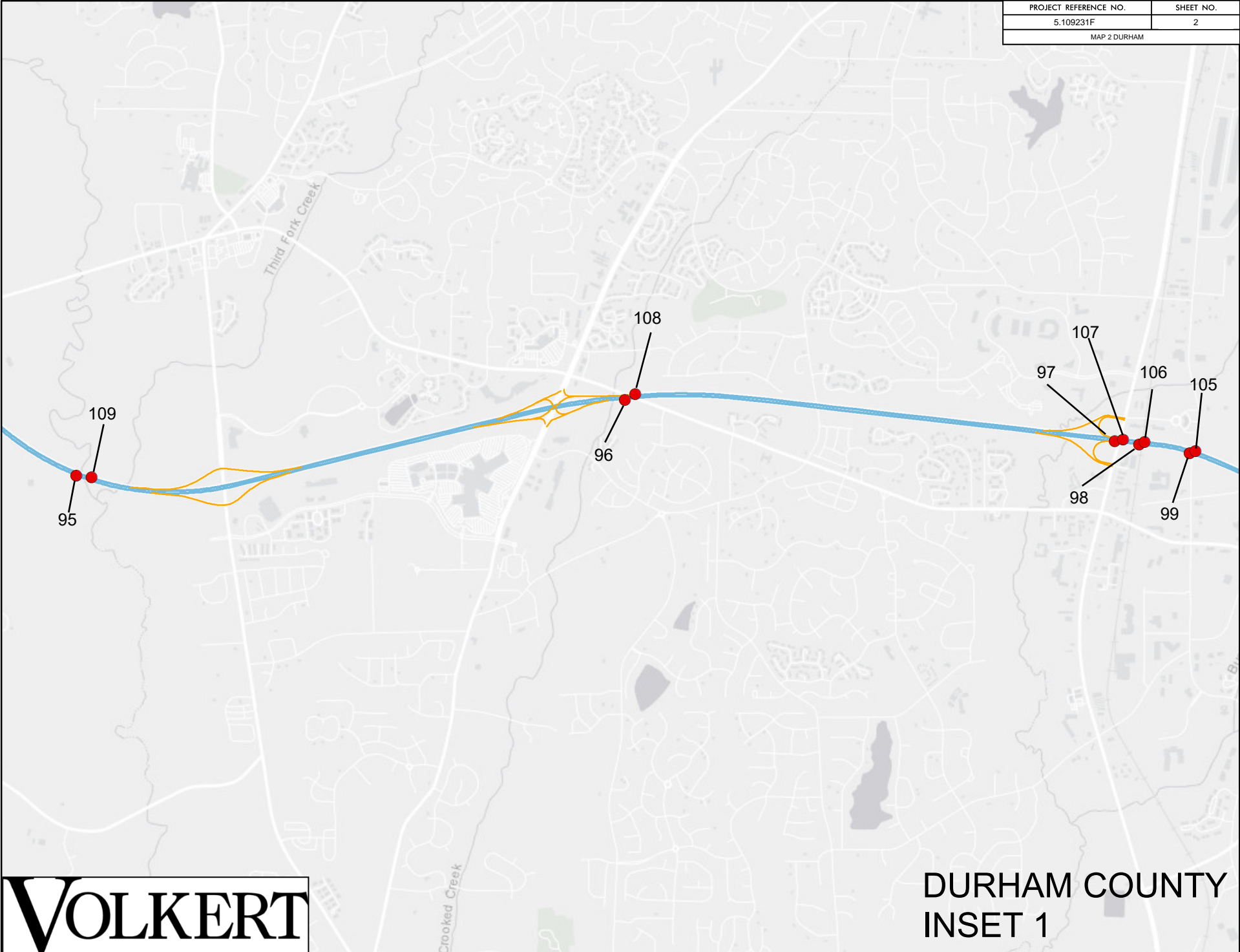
**MAP 2
BRIDGES
DURHAM COUNTY**

- 1 - MAP 2 TITLE SHEET
- 2 - INSET 1 SHEET
- 3 - INSET 2 SHEET
- 4 - INSET 3 SHEET
- 5 - MAP 2 SUMMARY OF QUANTITIES SHEET



DURHAM COUNTY

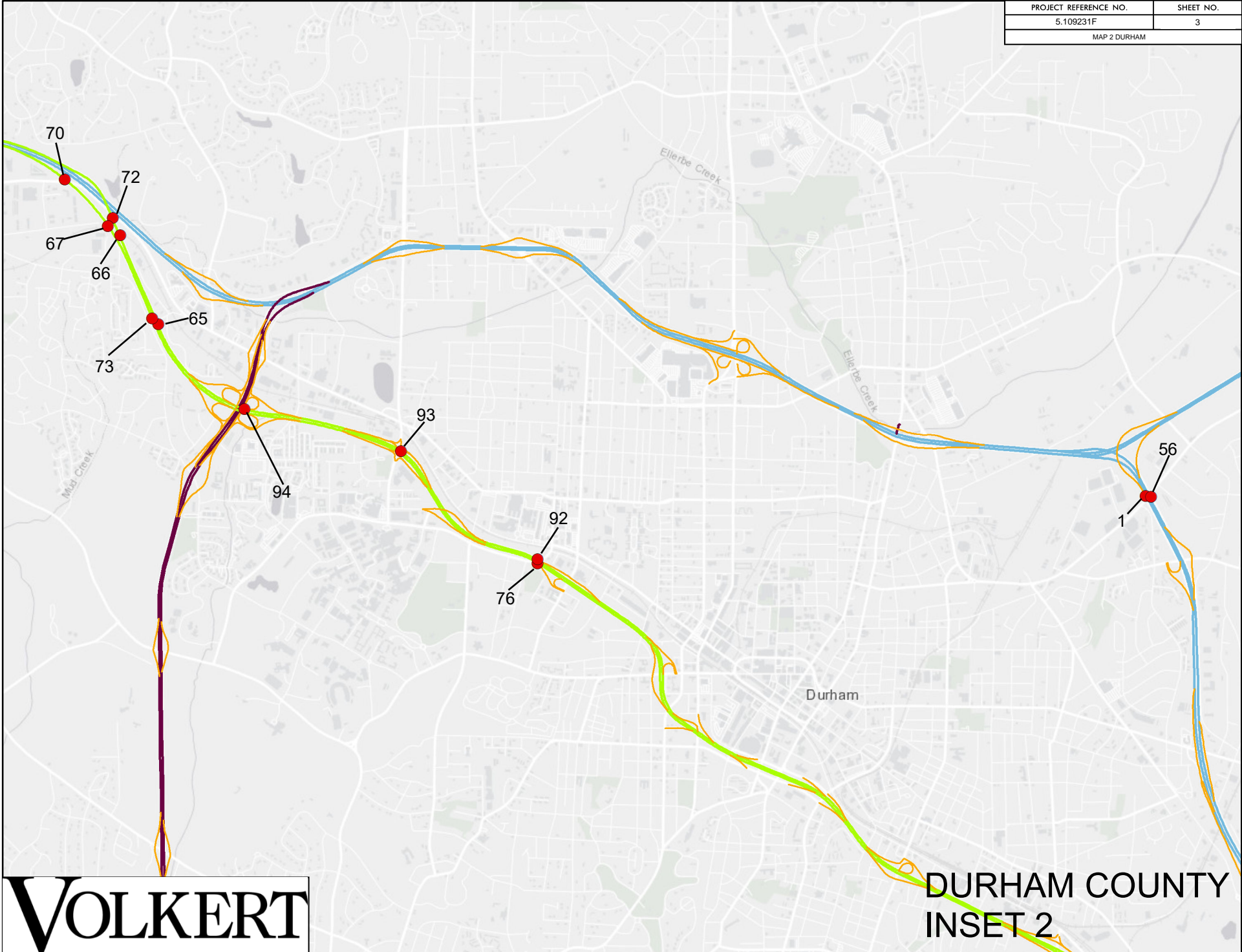
PROJECT REFERENCE NO.	SHEET NO.
5.109231F	2
MAP 2 DURHAM	



VOLKERT

DURHAM COUNTY
INSET 1

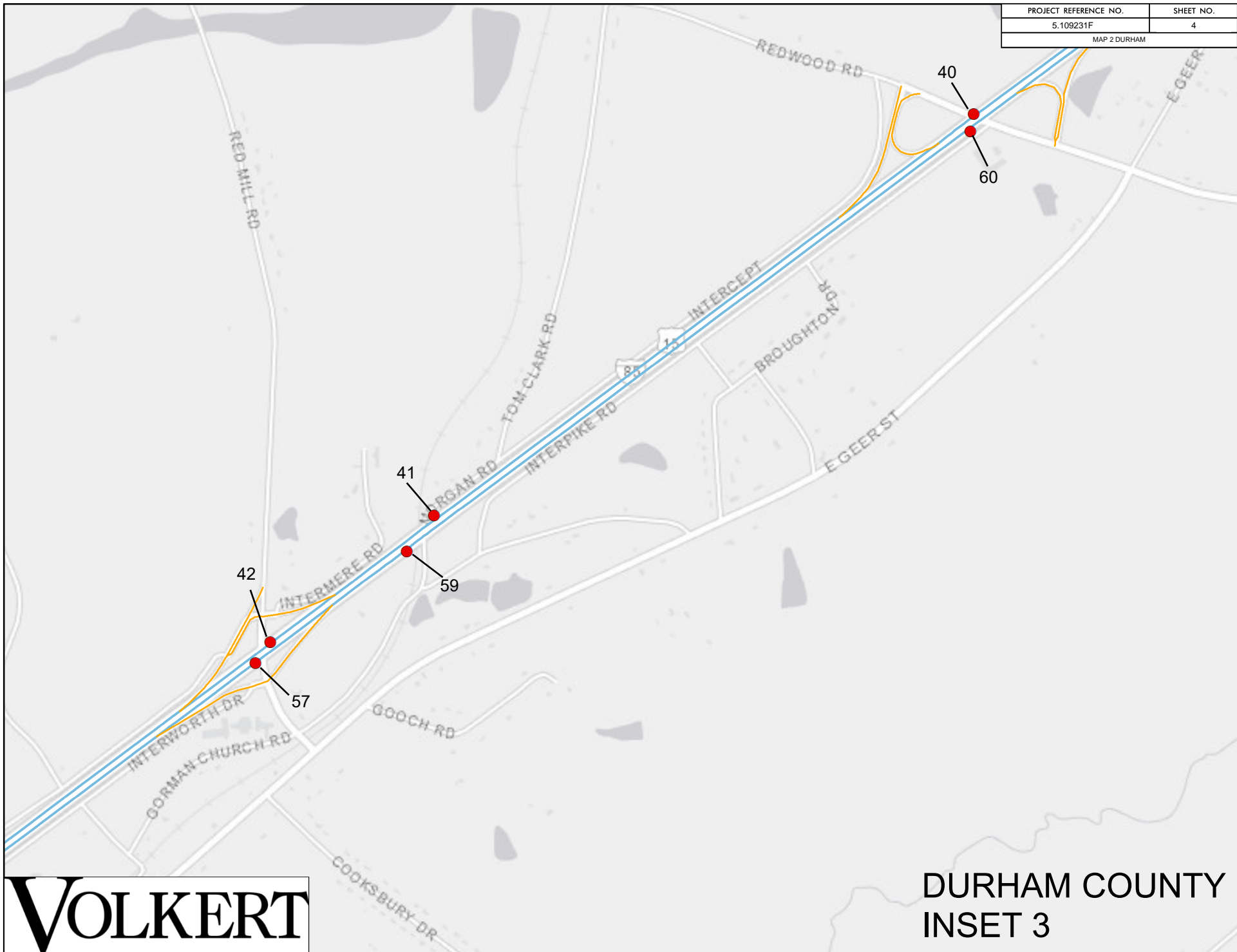
PROJECT REFERENCE NO.	SHEET NO.
5.109231F	3
MAP 2 DURHAM	



VOLKERT

**DURHAM COUNTY
INSET 2**

PROJECT REFERENCE NO.	SHEET NO.
5.109231F	4
MAP 2 DURHAM	



VOLKERT

DURHAM COUNTY
INSET 3

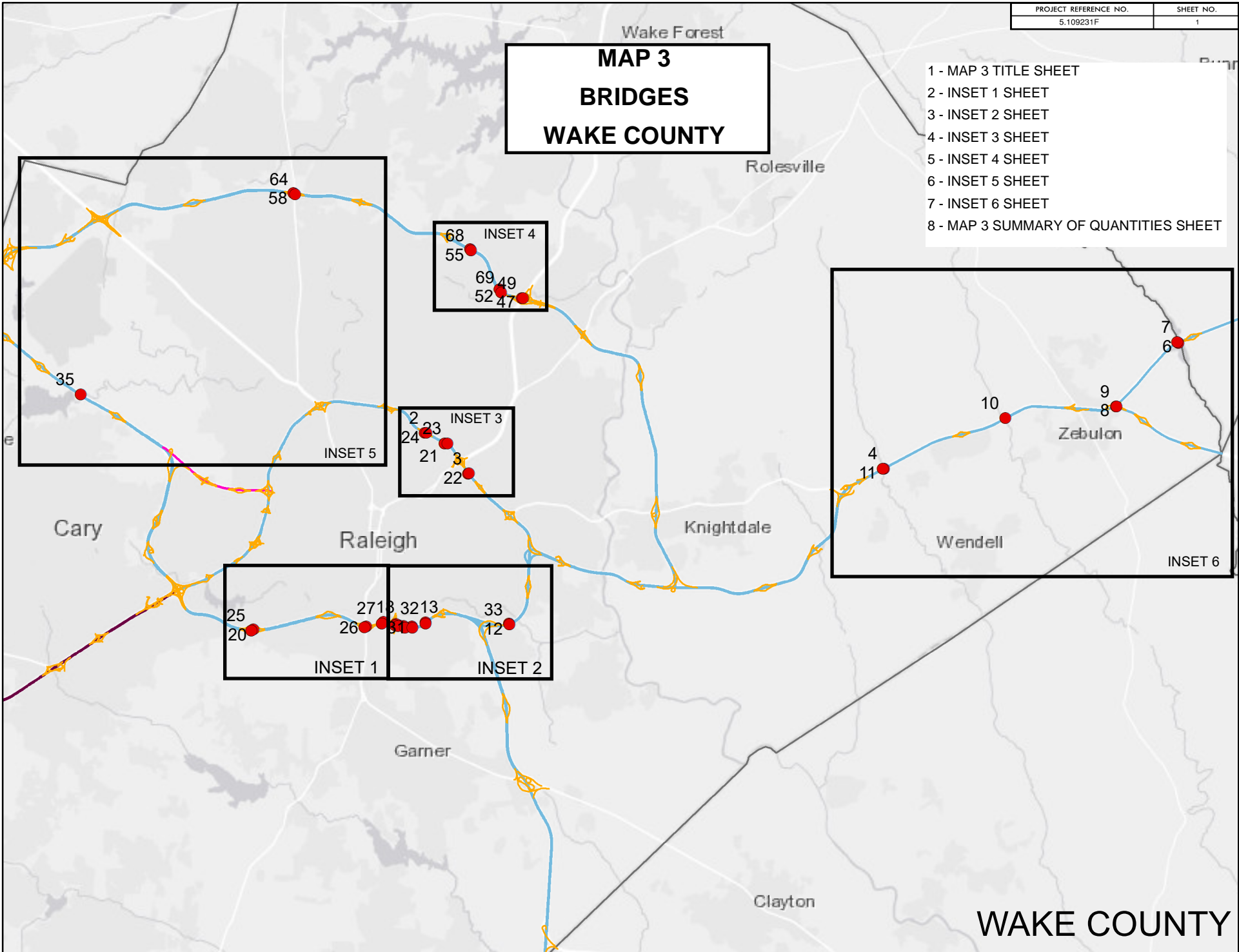
PROJECT NO.	SHEET NO.	TOTAL NO.
5.109231F	5	

SUMMARY OF QUANTITIES

PROJECT NUMBER	COUNTY	Map# / PSH #	Bridge Reference #	Lat	Long	Route	Bridge Number	Milepost	4424000000-N	4434000000-N	4510000000-N	4775000000-E		4890000000-E_9		4785000000-E	4855000000-E	4865000000-E
									WORK ZONE PRESENCE LIGHTING	SEQUENTIAL FLASHING WARNING LIGHTS	LAW ENFORCEMENT	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (6") YELLOW EDGELINE	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (6") WHITE EDGELINE	CONTRAST COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (9") 10' SKIP	CONTRAST COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (9") 3 FT. 9 FT./SP MINISKIP	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (12") WHITE GORELINE	REMOVAL OF PAVEMENT MARKING LINES (6")	REMOVAL OF PAVEMENT MARKING LINES (12")
									EA	EA	HR	LF	LF	LF	LF	LF	LF	LF
5.103231F	DURHAM	2 / 2	95	35.905	-78.971	NC 147	310304	3.85	14	18	10	365	365	182.5	0		912.5	0
5.103231F	DURHAM	2 / 2	109	35.905	-78.97	I-40	310303	8.94	14	18	10	365	365	182.5	0		912.5	0
5.103231F	DURHAM	2 / 2	96	35.909	-78.931	I-40	310308	6.17	14	18	10	445	445	222.5	115		1227.5	0
5.103231F	DURHAM	2 / 2	108	35.910	-78.93	I-40	310307	6.64	14	18	10	445	445	333.75	0		1223.75	0
5.103231F	DURHAM	2 / 2	97	35.907	-78.895	I-40	310290	8.18	14	18	10	190	190	142.5	0		522.5	0
5.103231F	DURHAM	2 / 2	107	35.907	-78.894	I-40	310289	4.61	14	18	10	190	190	95	50		525	0
5.103231F	DURHAM	2 / 2	98	35.907	-78.893	I-40	310292	8.28	14	18	10	140	140	70	35		385	0
5.103231F	DURHAM	2 / 2	106	35.907	-78.892	I-40	310291	4.51	14	18	10	140	140	105	0		385	0
5.103231F	DURHAM	2 / 2	99	35.906	-78.889	I-40	310294	8.49	14	18	10	135	135	67.5	0		337.5	0
5.103231F	DURHAM	2 / 2	105	35.906	-78.888	I-40	310293	4.3	14	18	10	135	135	67.5	0		337.5	0
5.103231F	DURHAM	2 / 3	70	36.034	-78.967	NC 147	310355	0.47	14	18	10	310	310	77.5	0		697.5	0
5.103231F	DURHAM	2 / 3	72	36.030	-78.963	NC 147	310343	0.8	14	18	10	230	230	57.5	0		517.5	0
5.103231F	DURHAM	2 / 3	67	36.031	-78.963	NC 147	310429	7.67	14	18	10	805	805	201.25	0		1811.25	0
5.103231F	DURHAM	2 / 3	66	36.029	-78.962	NC 147	310344	7.52	14	18	10	220	220	55	0		495	0
5.103231F	DURHAM	2 / 3	73	36.023	-78.959	NC 147	310458	1.33	14	18	10	170	170	42.5	0		382.5	0
5.103231F	DURHAM	2 / 3	65	36.023	-78.958	NC 147	310459	7.03	14	18	10	170	170	42.5	0		382.5	0
5.103231F	DURHAM	2 / 3	94	36.017	-78.95	NC 147	310338	6.39	14	18	10	325	325	243.75	0		893.75	0
5.103231F	DURHAM	2 / 3	93	36.014	-78.936	NC 147	310318	5.54	14	18	10	250	250	62.5	0		562.5	0
5.103231F	DURHAM	2 / 3	76	36.005	-78.923	NC 147	310336	3.77	14	18	10	445	445	222.5	0	675	1112.5	675
5.103231F	DURHAM	2 / 3	92	36.005	-78.923	NC 147	310327	4.58	14	18	10	135	135	67.5	0	780	337.5	780
5.103231F	DURHAM	2 / 3	56	36.010	-78.867	I-885	310060	8.27	14	18	10	140	140	70	0		350	0
5.103231F	DURHAM	2 / 3	1	36° 0' 36.38" N	78° 52' 3.4" W	I-885	310053	0.45	14	18	10	140	140	105	0		385	0
5.103231F	DURHAM	2 / 4	57	36.045	-78.816	I-85	310200	10.91	14	18	10	140	140	35	0		315	0
5.103231F	DURHAM	2 / 4	42	36.046	-78.815	I-85	310201	2.78	14	18	10	140	140	35	0		315	0
5.103231F	DURHAM	2 / 4	59	36.048	-78.811	I-85	310216	11.22	14	18	10	240	240	60	0		540	0
5.103231F	DURHAM	2 / 4	41	36.049	-78.811	I-85	310218	2.46	14	18	10	240	240	60	60		600	0
5.103231F	DURHAM	2 / 4	40	36.058	-78.796	I-85	310223	1.4	14	18	10	200	200	50	50		500	0
5.103231F	DURHAM	2 / 4	60	36.057	-78.796	I-85	310222	12.3	14	18	10	200	200	50	50		500	0
TOTAL											280	7050	7050	3006.25	360	1455	17466.25	1455
GRAND TOTAL											280	14100	14100	3366.25	1455	17466.25	1455	

**MAP 3
BRIDGES
WAKE COUNTY**

- 1 - MAP 3 TITLE SHEET
- 2 - INSET 1 SHEET
- 3 - INSET 2 SHEET
- 4 - INSET 3 SHEET
- 5 - INSET 4 SHEET
- 6 - INSET 5 SHEET
- 7 - INSET 6 SHEET
- 8 - MAP 3 SUMMARY OF QUANTITIES SHEET



WAKE COUNTY

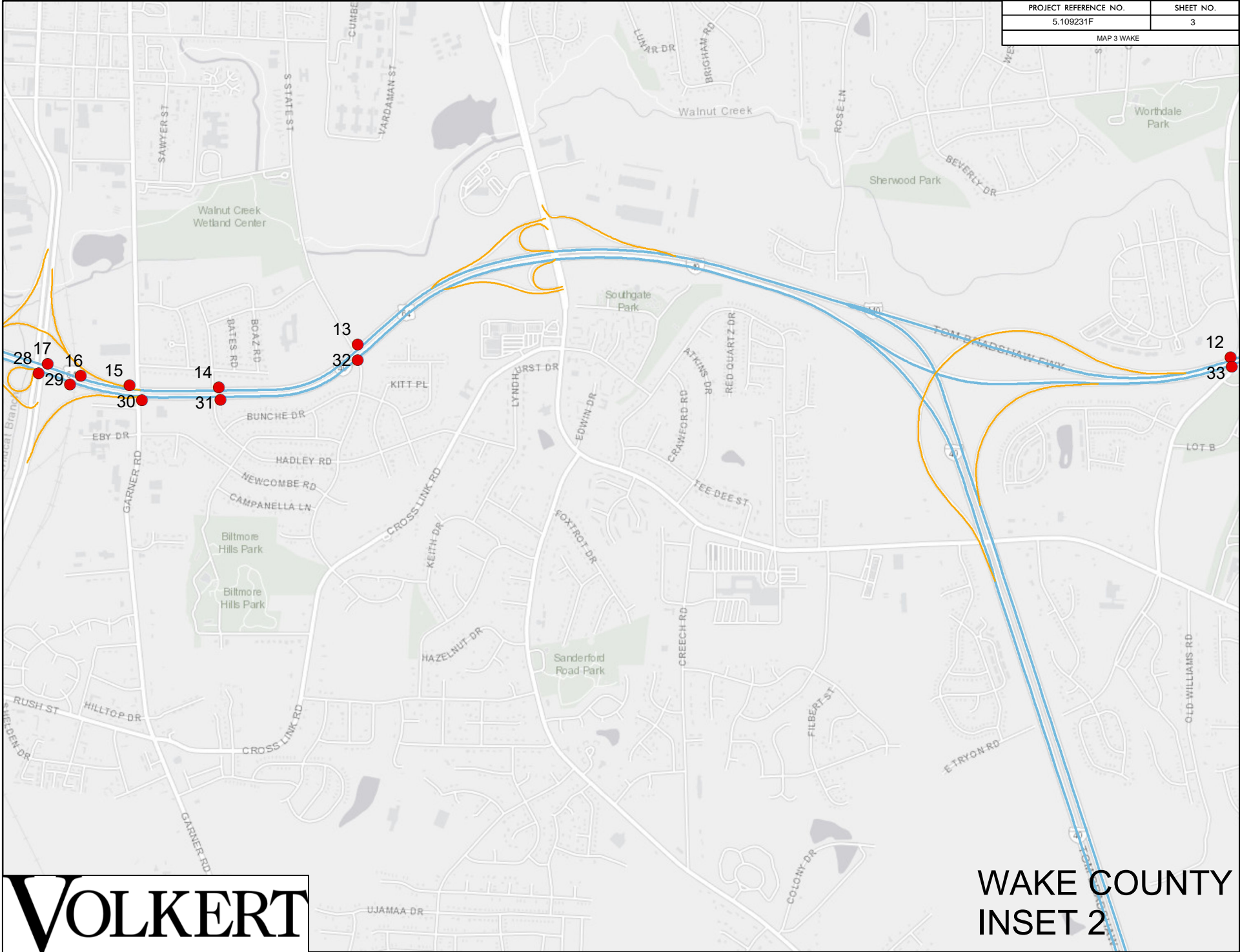
PROJECT REFERENCE NO.	SHEET NO.
5.109231F	2
MAP 3 WAKE	



VOLKERT

**WAKE COUNTY
INSET 1**

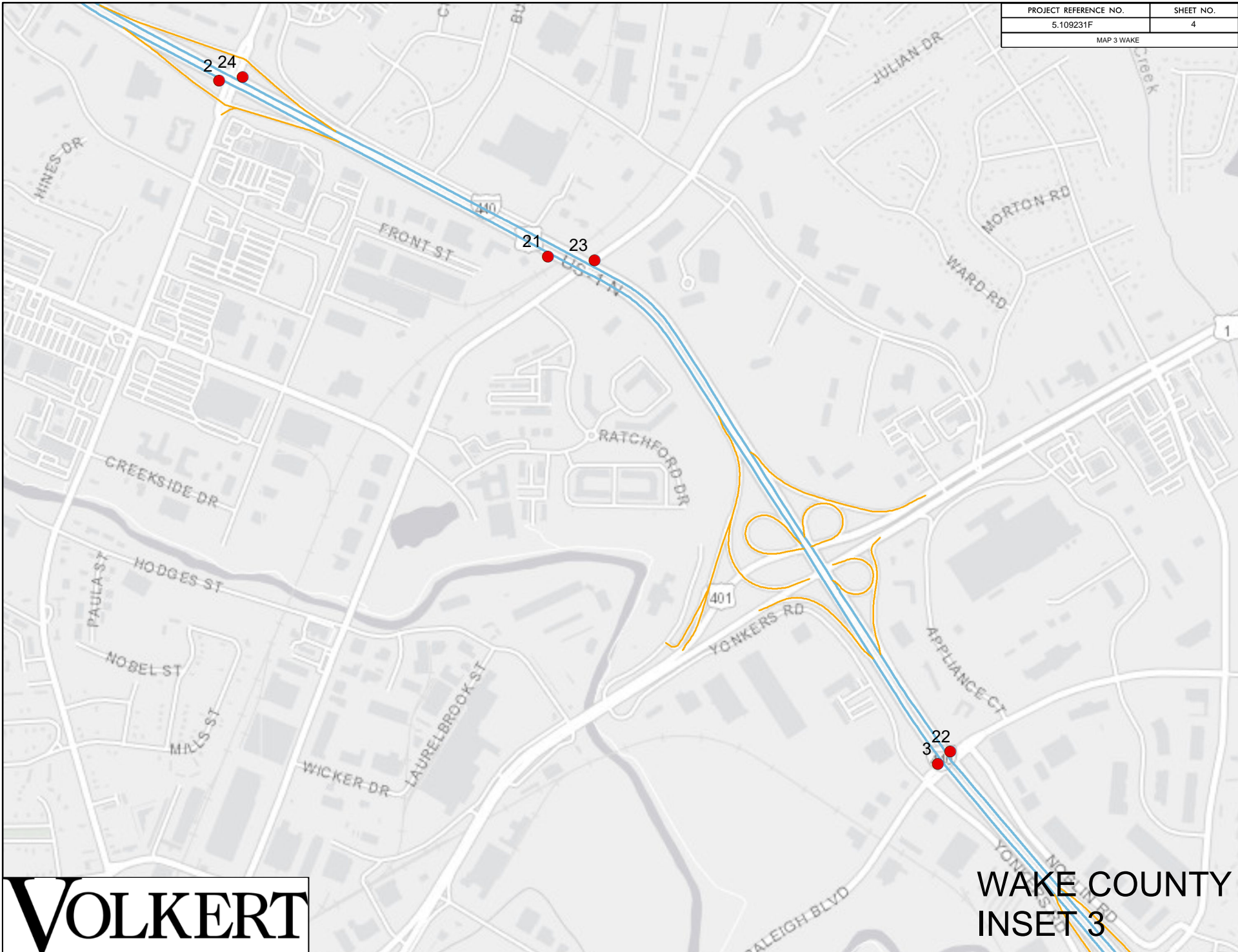
PROJECT REFERENCE NO.	SHEET NO.
5.109231F	3
MAP 3 WAKE	



VOLKERT

**WAKE COUNTY
INSET 2**

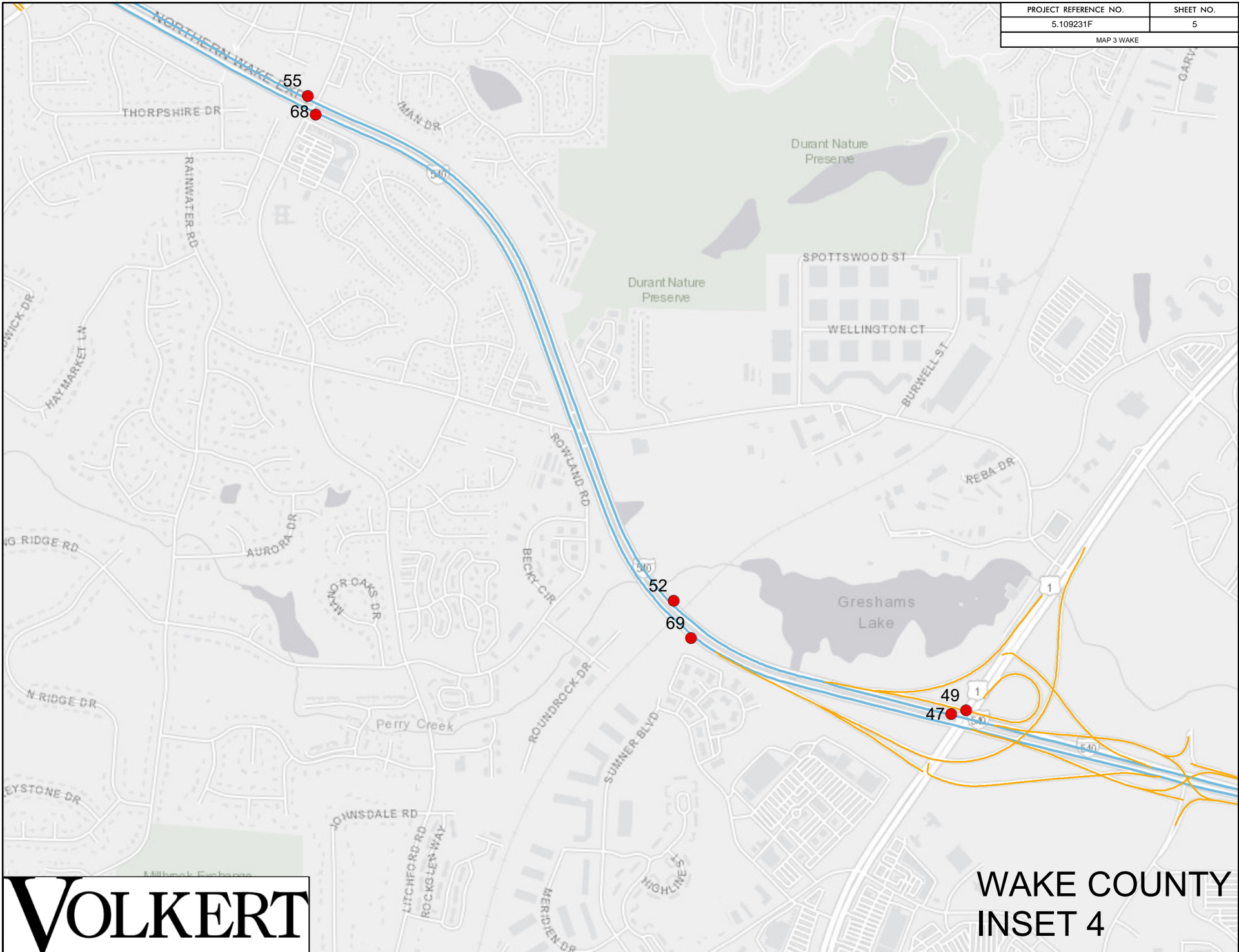
PROJECT REFERENCE NO.	SHEET NO.
5.109231F	4
MAP 3 WAKE	



VOLKERT

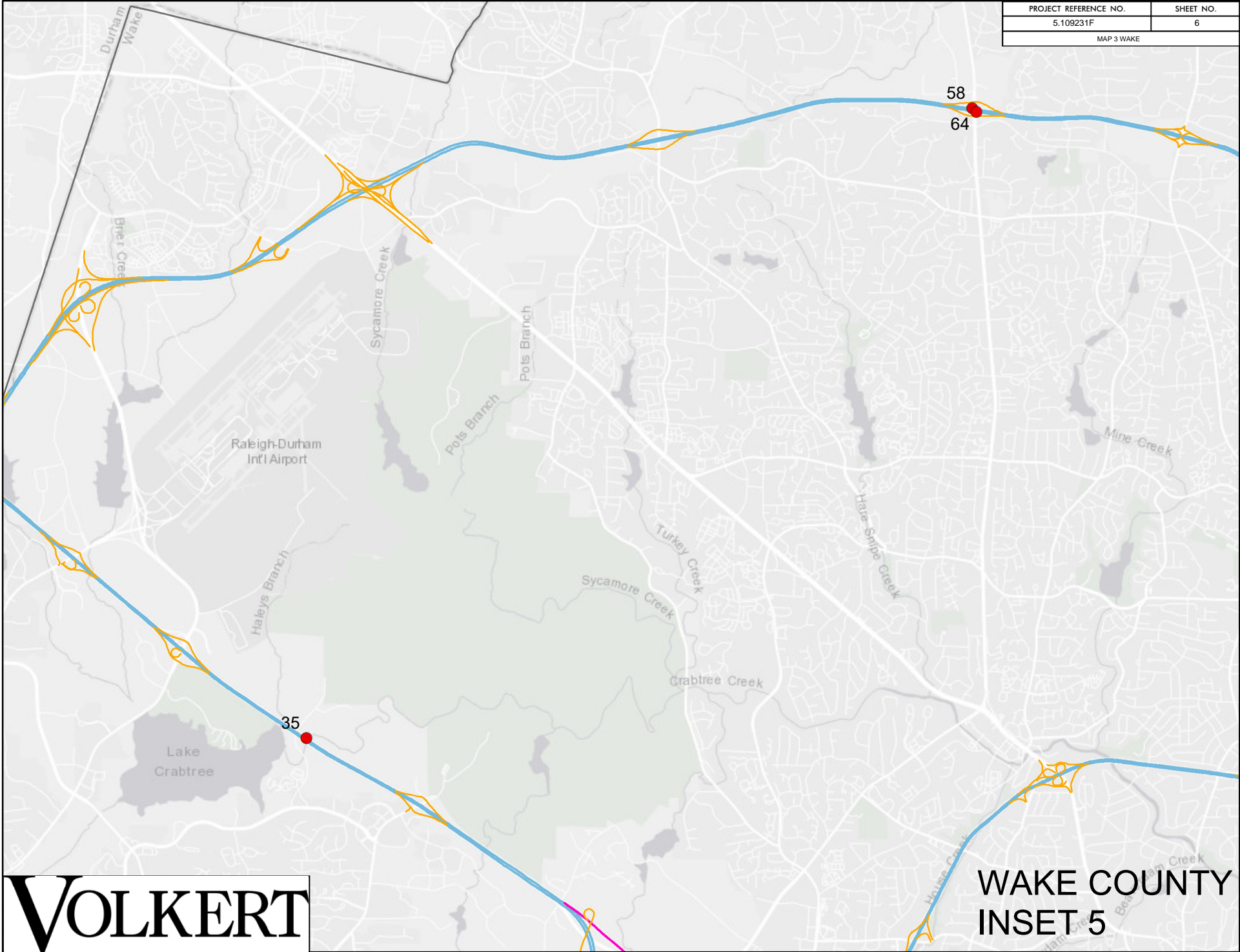
WAKE COUNTY
INSET 3

PROJECT REFERENCE NO.	SHEET NO.
5.109231F	5
MAP 3 WAKE	



**WAKE COUNTY
INSET 4**

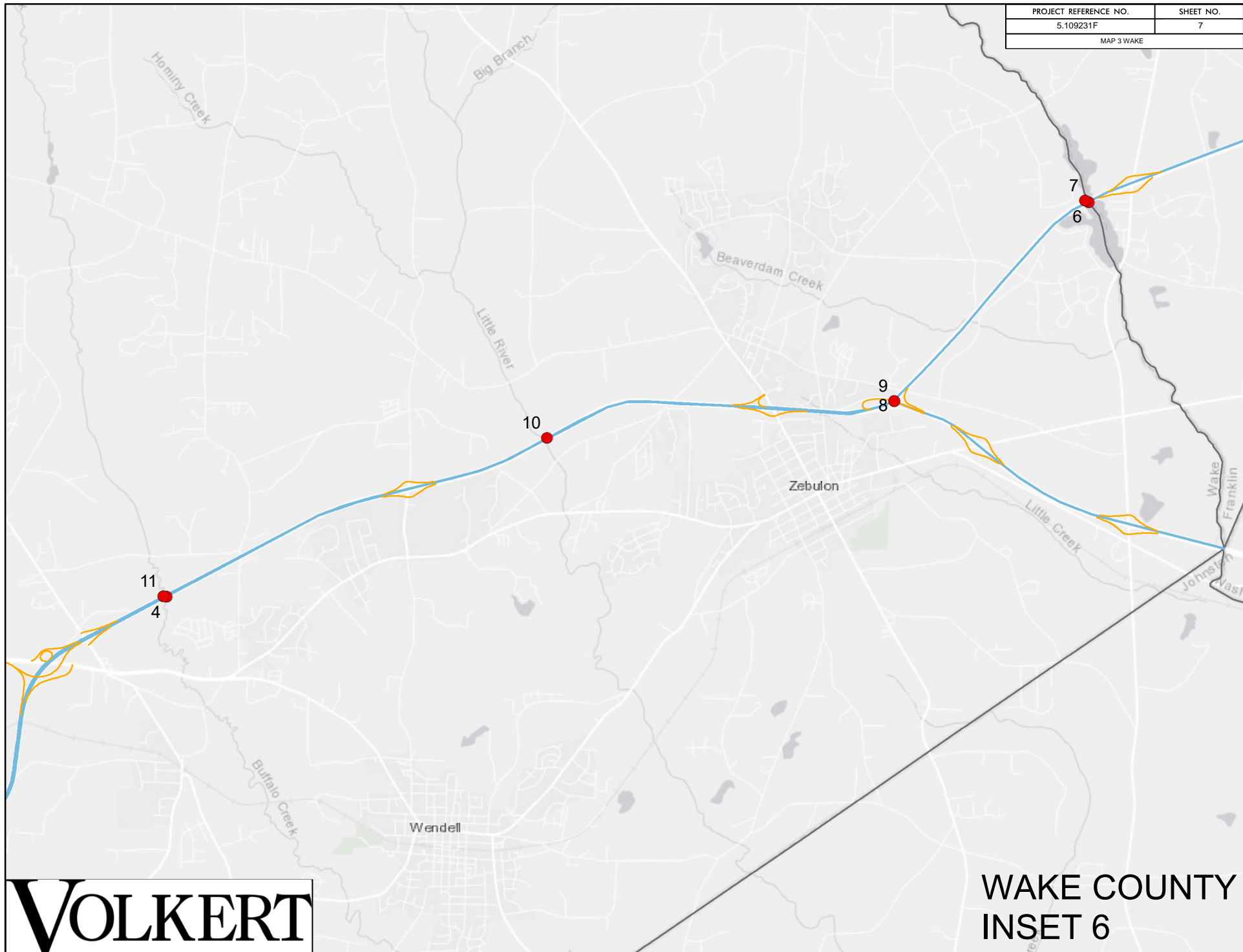
PROJECT REFERENCE NO.	SHEET NO.
5.109231F	6
MAP 3 WAKE	



VOLKERT

**WAKE COUNTY
INSET 5**

PROJECT REFERENCE NO.	SHEET NO.
5.109231F	7
MAP 3 WAKE	



VOLKERT

WAKE COUNTY
INSET 6

PROJECT NO.	SHEET NO.	TOTAL NO.
5.109231F	8	

SUMMARY OF QUANTITIES

PROJECT NUMBER	COUNTY	Map# / PSH #	Bridge Reference #	Lat	Long	Route	Bridge Number	Milepost	4424000000-N	4434000000-N	4510000000-N	4775000000-E		4890000000-E_9		4785000000-E	4805000000-N		4800000000-N	4855000000-E	4865000000-E	4875000000-N
									WORK ZONE PRESENCE LIGHTING	SEQUENTIAL FLASHING WARNING LIGHTS	LAW ENFORCEMENT	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (6") YELLOW EDGELINE	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (6") WHITE EDGELINE	CONTRAST COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (9") 10' SKIP	CONTRAST COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (9") 3 FT. - 9 FT./SP MINISKIP	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE III (12") WHITE GORELINE	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE III, SYMBOL Merge Arrow	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE III, SYMBOL RT ARROW	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE III ALPHA ONLY	REMOVAL OF PAVEMENT MARKING LINES (6")	REMOVAL OF PAVEMENT MARKING LINES (12")	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
									EA	EA	HR	LF	LF	LF	LF	LF	EA	EA	EA	LF	LF	EA
5.109231F	WAKE	3 / 2	25	35.752	-78.702	I-440	910276	12.5	14	18	10	280	280	140	0					700	0	0
5.109231F	WAKE	3 / 2	20	35.752	-78.701	I-440	910281	15.21	14	18	10	280	280	140	0					700	0	0
5.109231F	WAKE	3 / 2	26	35.753	-78.651	I-440	910571	15.53	14	18	10	255	255	191.25	63.75					765	0	0
5.109231F	WAKE	3 / 2	19	35.753	-78.649	I-440	910571	15.53	14	18	10	255	255	191.25	63.75					765	0	0
5.109231F	WAKE	3 / 2	27	35.754	-78.642	I-440	910293	15.96	14	18	10	280	320	210	60					870	0	0
5.109231F	WAKE	3 / 2	18	35.755	-78.641	I-440	910293	15.96	14	18	10	310	310	310	0					930	0	0
5.109231F	WAKE	3 / 3	28	35.754	-78.636	I-440	910572	16.32	14	18	10	295	295	295	73.75					958.75	0	0
5.109231F	WAKE	3 / 3	17	35.754	-78.635	I-440	910572	16.32	14	18	10	295	295	221.25	73.75					885	0	0
5.109231F	WAKE	3 / 3	29	35.753	-78.634	I-440	910298	16.41	14	18	10	185	185	138.75	46.25		2			555	0	2
5.109231F	WAKE	3 / 3	16	35.753	-78.634	I-440	910298	16.41	14	18	10	180	180	135	0					495	0	0
5.109231F	WAKE	3 / 3	15	35.753	-78.632	I-440	910308	16.57	14	18	10	215	380	161.25	12.5	1020				768.75	1020	0
5.109231F	WAKE	3 / 3	30	35.753	-78.631	I-440	910308	16.57	14	18	10	215	215	161.25	54	680				645.25	680	0
5.109231F	WAKE	3 / 3	14	35.753	-78.628	I-440	910309	16.76	14	18	10	190	190	142.5	47.5					570	0	0
5.109231F	WAKE	3 / 3	31	35.753	-78.628	I-440	910309	16.76	14	18	10	190	190	142.5	47.5		2			570	0	2
5.109231F	WAKE	3 / 3	13	35.755	-78.621	I-440	910313	17.14	14	18	10	195	195	195	0					585	0	0
5.109231F	WAKE	3 / 3	32	35.754	-78.621	I-440	910313	17.14	14	18	10	190	190	142.5	0					522.5	0	0
5.109231F	WAKE	3 / 3	12	35.754	-78.583	I-440	910008	0.98	14	18	10	300	370	225	57.5			2	4	952.5	0	6
5.109231F	WAKE	3 / 3	33	35.754	-78.583	I-440	910008	0.98	14	18	10	270	270	202.5	0					742.5	0	0
5.109231F	WAKE	3 / 4	2	35.825	-78.622	I-440	910278	9.51	14	18	10	230	230	287.5	0					747.5	0	0
5.109231F	WAKE	3 / 4	24	35.825	-78.621	I-440	910278	9.51	14	18	10	230	230	287.5	0					747.5	0	0
5.109231F	WAKE	3 / 4	21	35.821	-78.613	I-440	910282	10.12	14	18	10	330	330	165	82.5					907.5	0	0
5.109231F	WAKE	3 / 4	23	35.821	-78.611	I-440	910284	6.68	14	18	10	330	330	247.5	0			1	4	907.5	0	5
5.109231F	WAKE	3 / 4	3	35.810	-78.602	I-440	910128	11.09	14	18	10	210	210	157.5	52.5					630	0	0
5.109231F	WAKE	3 / 4	22	35.810	-78.602	I-440	910129	5.72	14	18	10	210	210	105	52.5			1	4	577.5	0	5
5.109231F	WAKE	3 / 5	55	35.894	-78.601	I-540	910778	10.94	14	18	10	150	150	75	0					375	0	0
5.109231F	WAKE	3 / 5	68	35.893	-78.601	I-540	910777	13.73	14	18	10	150	150	75	0					375	0	0
5.109231F	WAKE	3 / 5	52	35.879	-78.587	I-540	910997	9.56	14	18	10	425	425	318.75	0			2		1168.75	0	2
5.109231F	WAKE	3 / 5	69	35.878	-78.587	I-540	910998	15.1	14	18	10	425	425	212.5	106.25			2	4	1168.75	0	6
5.109231F	WAKE	3 / 5	47	35.876	-78.577	I-540	910999	8.94	14	18	10	260	260	0	65			2		585	0	2
5.109231F	WAKE	3 / 5	49	35.876	-78.577	I-540	911003	0.33	14	18	10	260	260	65	0					585	0	0
5.109231F	WAKE	3 / 6	35	35.840	-78.78	I-40	910118	24.23	14	18	10	260	260	195	0					715	0	0
5.109231F	WAKE	3 / 6	58	35.915	-78.682	I-540	911037	15.86	14	18	10	195	195	97.5	0					487.5	0	0
5.109231F	WAKE	3 / 6	64	35.914	-78.681	I-540	911038	8.82	14	18	10	195	195	97.5	0					487.5	0	0
5.109231F	WAKE	3 / 7	11	35.812	-78.411	US 64	910184	8.69	14	18	10	125	125	31.25	0					281.25	0	0
5.109231F	WAKE	3 / 7	4	35.812	-78.41	US 64	910182	34.8	14	18	10	125	125	31.25	0					281.25	0	0
5.109231F	WAKE	3 / 7	10	35.831	-78.354	US 64	910199	5.26	14	18	10	180	180	45	0					405	0	0
5.109231F	WAKE	3 / 7	8	35.835	-78.303	US 264	910015	2.95	14	18	10	400	400	0	0					800	0	0
5.109231F	WAKE	3 / 7	9	35.835	-78.303	US 264	910015	2.95	14	18	10	400	400	100	0					900	0	0
5.109231F	WAKE	3 / 7	7	35.859	-78.275	US 64	910219	0	14	18	10	180	180	45	45					450	0	0
5.109231F	WAKE	3 / 7	6	35.859	-78.275	US 64	910217	43.48	14	18	10	180	180	45	0					405	0	0
TOTAL											400	9830	10105	6028.75	1004	1700	8	6	16	26967.75	1700	30
GRAND TOTAL											400	19935	10105	7032.75	1700	14	6	16	26967.75	1700	30	