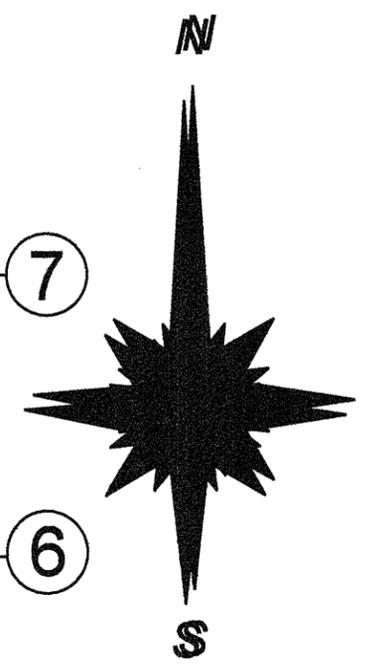
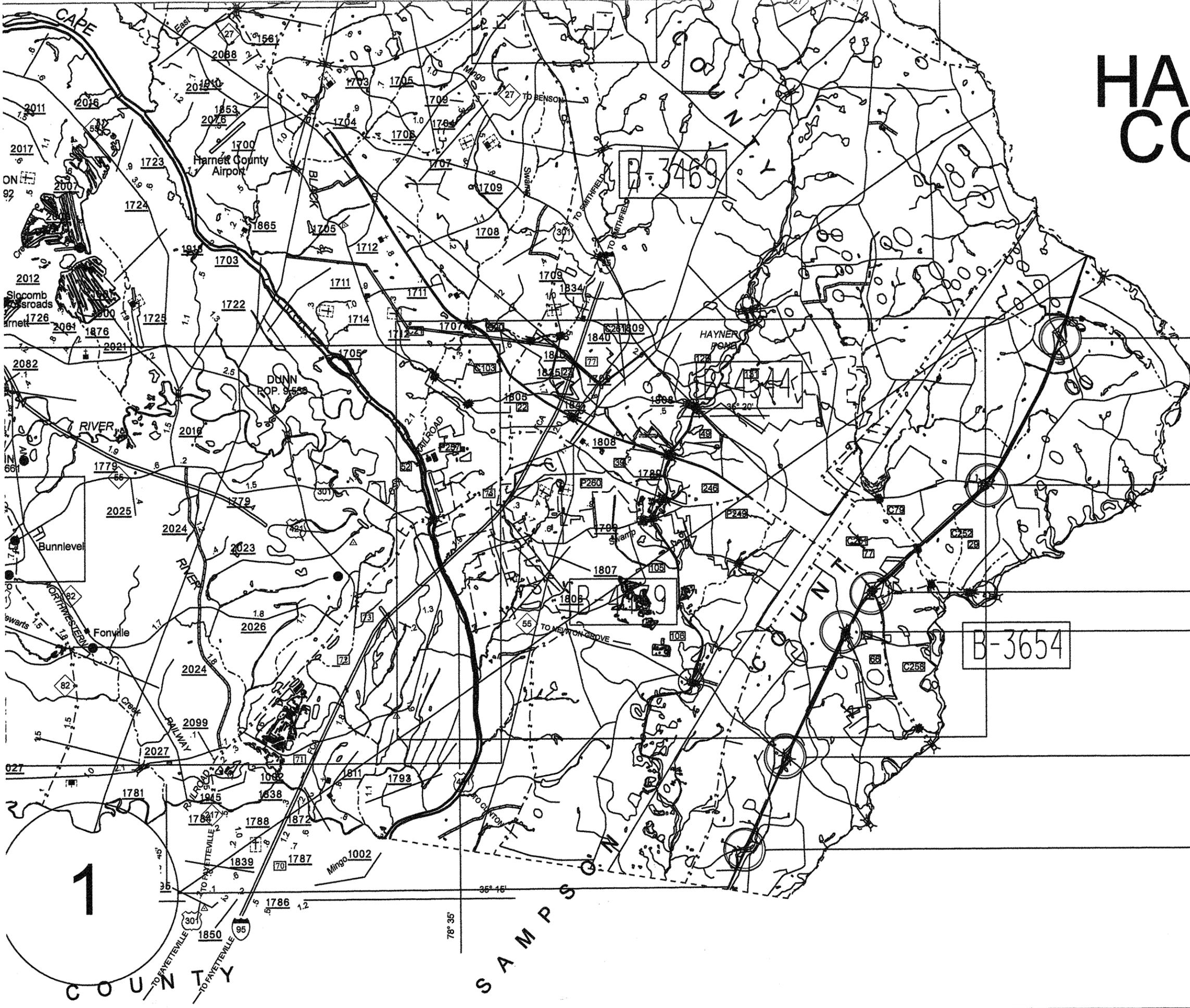
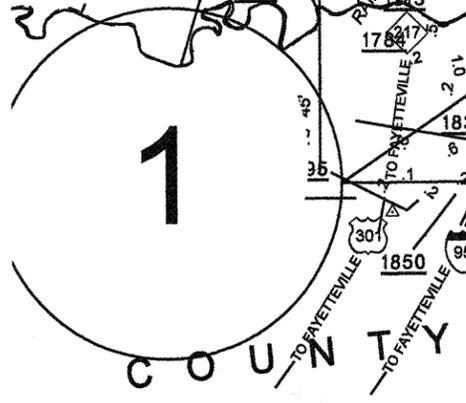
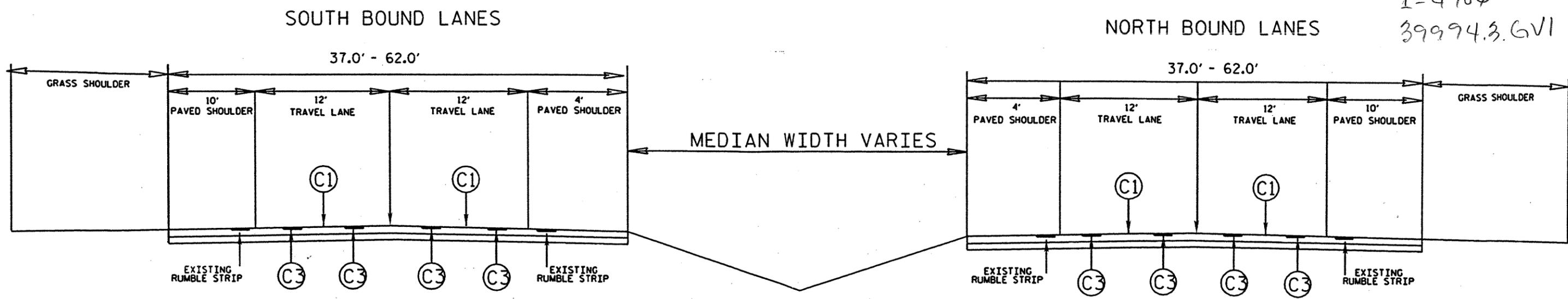


HARNETT COUNTY



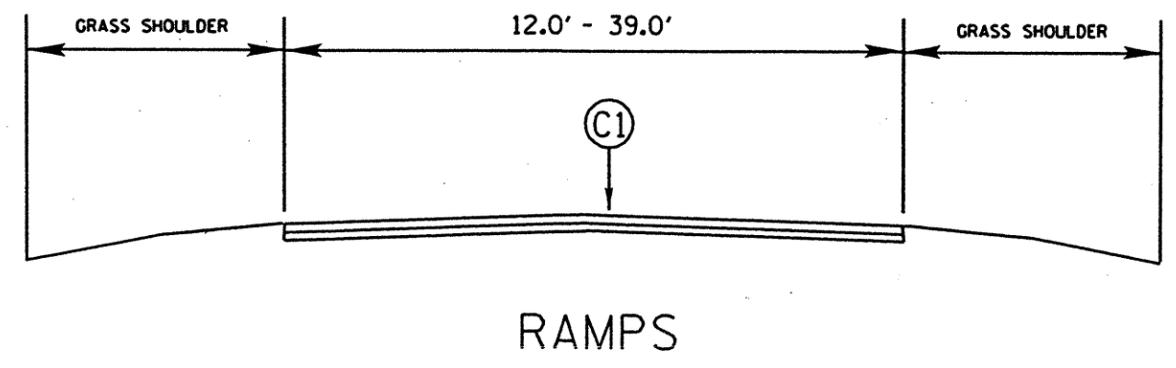
- 7
- 6
- 5
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- 2





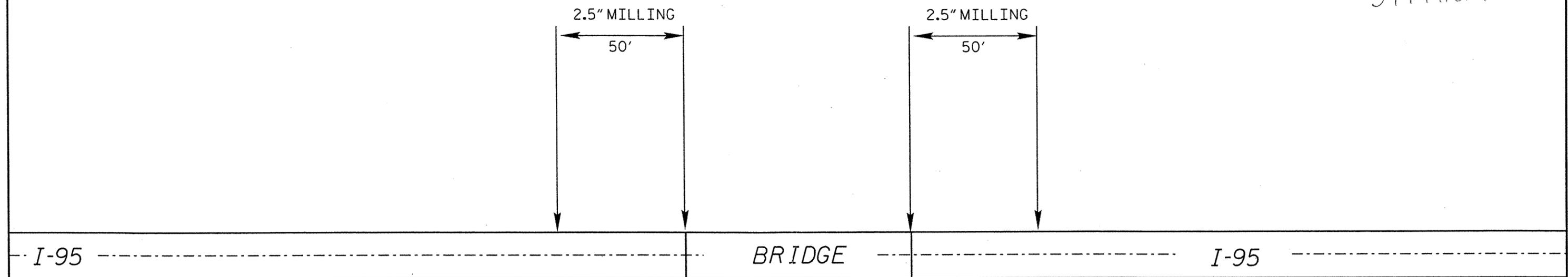
TYPICAL SECTION NO. 1

PAVEMENT SCHEDULE	
C1	PROP. ULTRATHIN BONDED WEARING COURSE AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C2	PROP. APPROX. 2.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S12.5D, AT AN AVERAGE RATE OF 280 LBS. PER SQ. YD.
C3	PROP. MICRO-SURFACE RUT-FILL AT AN AVG. WIDTH OF 3' PER RUT FOR THE ENTIRE LENGTH OF THE PROJECT.
M1	MILLING AT AN AVERAGE DEPTH OF 2.5" FOR A LENGTH OF 50' AT THE BRIDGE APPROACHMENTS AND DEPARTURES .



RAMPS

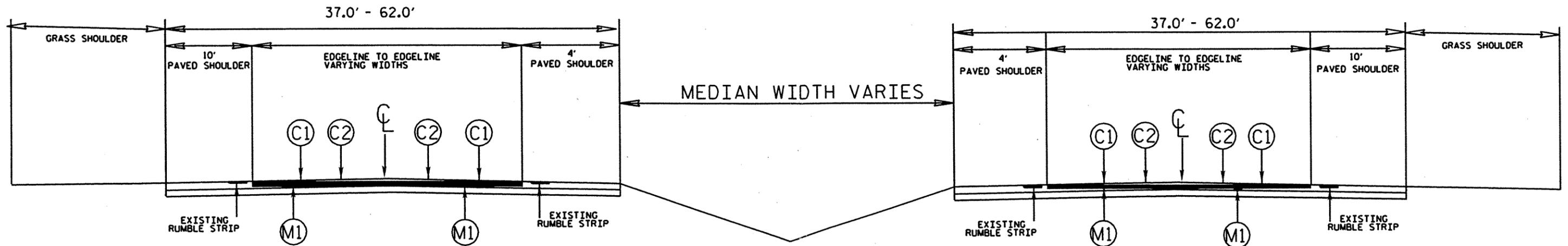
TYPICAL SECTION NO. 2



* MILLING WILL BE FROM EDGELINE TO EDGELINE. WIDTHS WILL VARY.

SOUTH BOUND LANES

NORTH BOUND LANES



TYPICAL SECTION NO. 3
(BRIDGE TYPICAL)

PROJECT NO.	SHEET NO.	TOTAL NO.
I-4906	4	
39994.3.GV1		

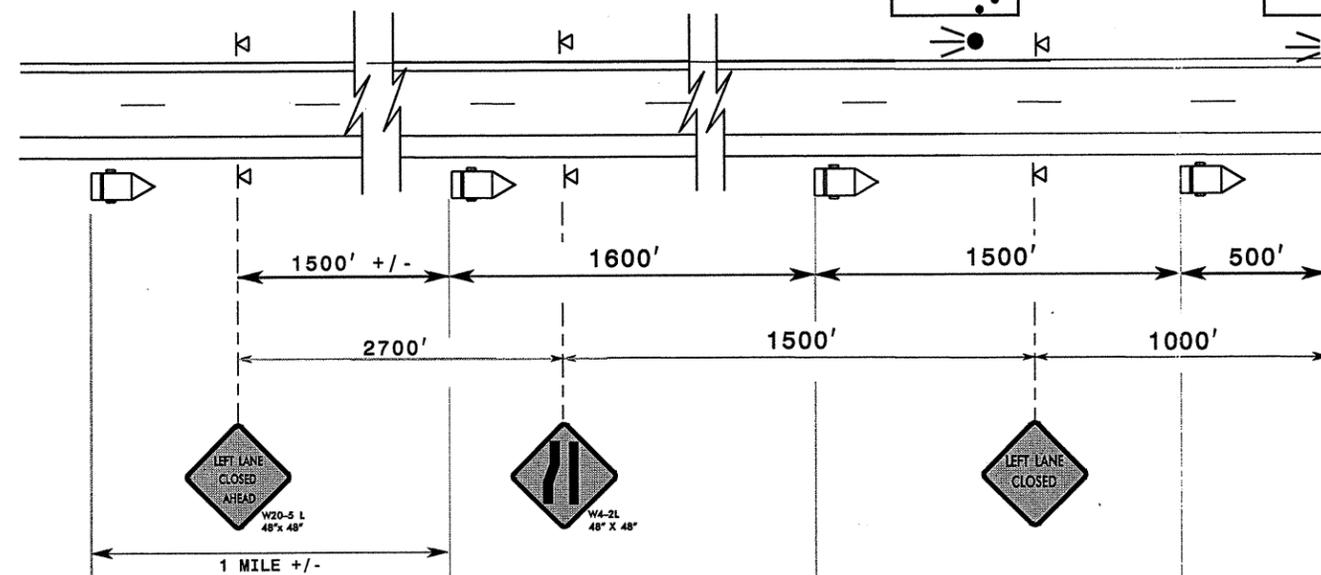
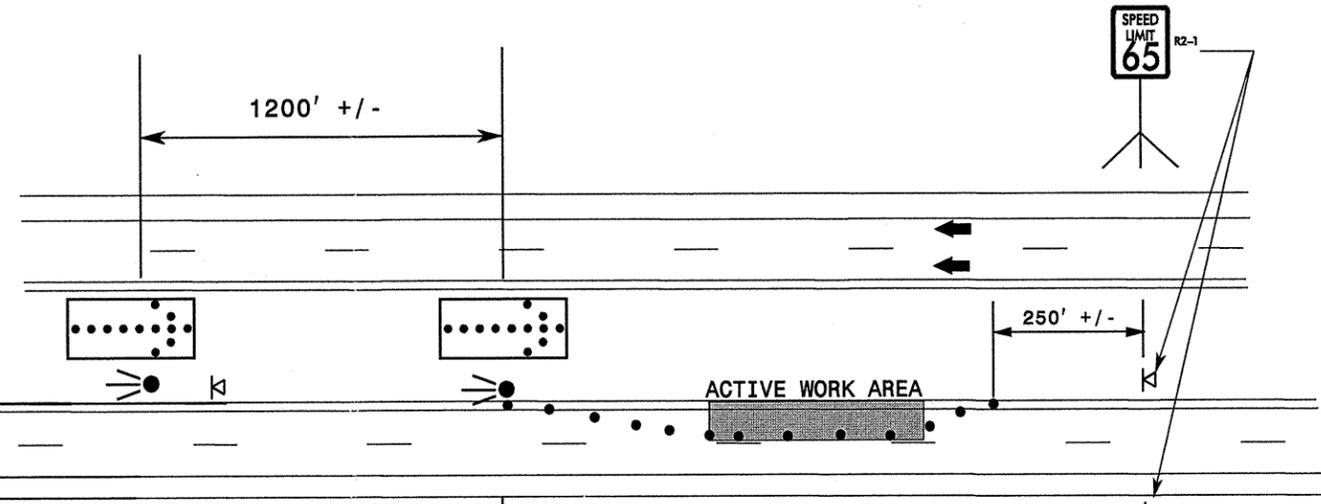
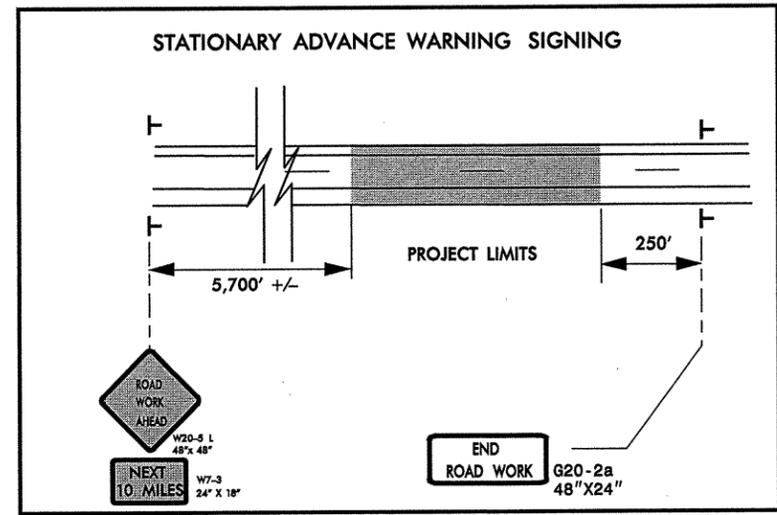
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	2.5" MILLING SY	SURFACE COURSE, S12.5D TONS	ASPHALT BINDER FOR PLANT MIX GRADE PG 76-22 TONS	ASPHALT BINDER FOR PLANT MIX GRADE PG 70-28 TONS	ULTRATHIN HOT MIX ASPHALT TYPE B TONS	APPLICATION OF ULTRATHIN HOT MIX ASPHALT SY	LATEX MOD. MICRO-SURFACING RUTFILLING SY	PORTABLE LIGHTING LS
I-4906	Harnett	1	I-95 NBL & SBL	CUMBERLAND CO. LINE TO JOHNSTON CO. LINE	1	8.78	25.5	903	200	11	479	9,195	262,698	123,622	1
		2	RAMPS	@ EXIT 070	2	1	24				26	493	14,080		
		3	RAMPS	@ EXIT 071	2	1	24				26	493	14,080		
		4	RAMPS	@ EXIT 072	2	0.88	24				23	434	12,390		
		5	RAMPS	@ EXIT 073	2	0.92	24				24	453	12,954		
		6	RAMPS	@ EXIT 075	2	0.92	24				24	453	12,954		
		7	RAMPS	@ EXIT 077	2	1.22	24				32	601	17,178		
TOTAL FOR PROJ NO. I-4906						14.72		903	200	11	634	12,122	346,334	123,622	1

PROJECT NO.	SHEET NO.	TOTAL NO.
I-4906	5	
399943.GV1		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4400000000-E	4405000000-E	4415000000-N	4420000000-N	4430000000-N	4480000000-N	4685000000-E		4686000000-E	4688000000-E		4690000000-E	4700000000-E	4710000000-E
					STATIONARY WORK ZONE SIGN SF	PORTABLE WORK ZONE SIGN SF	FLASHING ARROW PANELS, TYPE C EA	CHANGEABLE MESSAGE SIGN EA	DRUMS 124	TRUCK MOUNTED IMPACT ATTENUATOR EA	4" X 90 M WHITE THERMO LF	4" X 90 M YELLOW THERMO LF	4" X 120 M YELLOW THERMO LF	6" X 90 M WHITE THERMO LF	6" X 90 M YELLOW THERMO LF	6" X 120 M WHITE THERMO LF	12" X 90 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF
I-4906	Harnett	1	I-95 NBL & SBL	CUMBERLAND CO. LINE TO JOHNSTON CO. LINE	302	500	2	4		2				102,000.00	102,000.00	26,500.00	11,500	
		2	RAMPS	@ EXIT 070							2,200	1,500	150					
		3	RAMPS	@ EXIT 071							2,650	1,700	715					
		4	RAMPS	@ EXIT 072							2,350	1,700	350					
		5	RAMPS	@ EXIT 073							3,300	3,300						
		6	RAMPS	@ EXIT 075							2,300	2,000	180					70
		7	RAMPS	@ EXIT 077							6,000	2,430	3,430					
TOTAL FOR PROJ NO. I-4906					302	500	2	4	124	2	18,800	12,630	4,825	102,000	102,000	26,500	11,500	70
											31,430			204,000				

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4721000000-E	4725000000-E				4810000000-E		4815000000-E		4825000000-E	4850000000-E	4855000000-E	4905000000-N		
					THERMO MSG ONLY 120 M EA	THERMO STR ARROW 90 M EA	THERMO RAMP ARROW 90 M EA	THERMO LT ARROW 90 M EA	THERMO LT & RT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	6" WHITE PAINT LF	6" YELLOW PAINT LF	12" WHITE PAINT LF	REMOVAL PAV. MARKING LINES (4") LF	REMOVAL PAV. MARKING LINES (6") LF	SNOW PLOWABLE MARKERS EA		
I-4906	Harnett	1	I-95 NBL & SBL	CUMBERLAND CO. LINE TO JOHNSTON CO. LINE		40							128,500	102,000	11,500		242,000.00	1,800	
		2	RAMPS	@ EXIT 070			2			2,200	1,650						3,850.00	15	
		3	RAMPS	@ EXIT 071			2	1		2,650	2,415						5,065.00	20	
		4	RAMPS	@ EXIT 072		2	2		1	2,350	2,050						4,400.00	15	
		5	RAMPS	@ EXIT 073			2			3,300	3,300						6,600.00	10	
		6	RAMPS	@ EXIT 075	4		2	2		2,300	3,300						4,550.00	13	
		7	RAMPS	@ EXIT 077			2			6,000	5,860						11,860.00	55	
TOTAL FOR PROJ NO. I-4906					4	42	12	3	1	18,800	18,575	128,500	102,000	11,500	36,325	242,000	1,928		
											58			37,375			230,500		



MESSAGE NO. 1	MESSAGE NO. 2
I-95 CONST UPDATE	PAVING 2 MILES AHEAD

CHANGEABLE MESSAGE SIGN

MESSAGE NO. 1	MESSAGE NO. 2
REDUCE SPEED AHEAD	WORKERS IN ROADWAY

CHANGEABLE MESSAGE SIGN

MESSAGE NO. 1	MESSAGE NO. 2
BEGIN 55 MPH 1500 FT	WORKERS IN ROADWAY

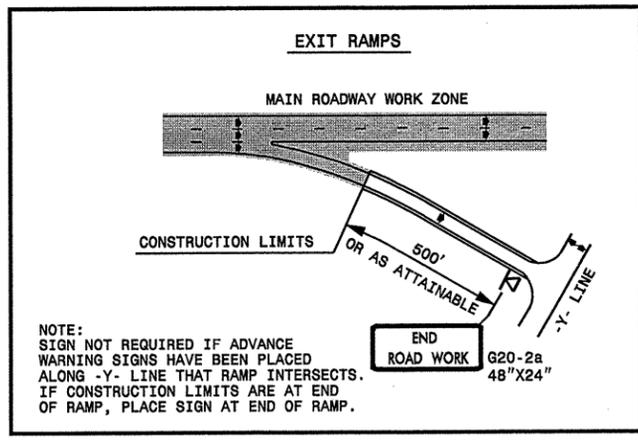
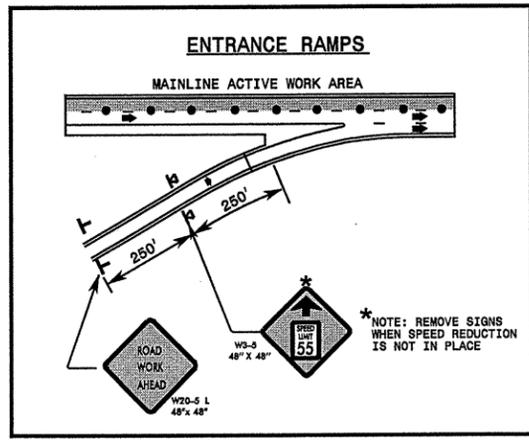
CHANGEABLE MESSAGE SIGN

MESSAGE NO. 1	MESSAGE NO. 2
SPEED LIMIT 55	WATCH FOR WORKERS

CHANGEABLE MESSAGE SIGN

GENERAL NOTES

1. THIS DRAWING IS INTENDED TO SHOW THE CMS LOCATIONS AND MESSAGING REQUIRED FOR A WORK ZONE "VARIABLE" SPEED LIMIT REDUCTION ON A FREEWAY WHICH IS TO BE REDUCED TO 55 MPH. REFER TO THE ROADWAY STANDARD DRAWING 1101.02 SHEET 3 OF 9 FOR ADDITIONAL LANE CLOSURE REQUIREMENTS AND GENERAL NOTES.
2. EACH DIRECTION OF THE PROJECT IS TO BE EVALUATED FOR THE WORK ZONE "VARIABLE" SPEED LIMIT REDUCTION. THIS DRAWING INTENTIONALLY HAS 1 DIRECTION SIGNED AS A REMINDER TO CAREFULLY CONSIDER WHETHER BOTH DIRECTIONS OF THE PROJECT NEED TO HAVE THE SPEED LIMIT REDUCED.
3. IN ADDITION, FOR ACTIVE WORK AREAS THAT EXCEED 1 MILE IN LENGTH, AN EVALUATION IS TO BE MADE TO DETERMINE IF ADDITIONAL CMS'S ARE NEEDED TO SUPPLEMENT THE INITIAL ONES. PORTABLE MOUNTED W3-5 SIGNS ARE TO BE PLACED ALONG ENTRANCE RAMP LOCATED WITHIN THE ACTIVE WORK AREA.
4. THE WORK ZONE "VARIABLE" SPEED LIMIT' REDUCTION IS ONLY IN EFFECT WHEN WORKERS ARE PRESENT. THE SPEED LIMIT MESSAGES ARE TO BE REMOVED AND THE SIGNS ARE TO BE TURNED OFF OR OTHER PERTINENT MESSAGING MAY BE DISPLAYED AT THE DIRECTION OF THE ENGINEER IN COORDINATION WITH THE WORK ZONE TRAFFIC CONTROL UNIT (919-250-4159). AT THE COMPLETION OF THE PROJECT, THE REGIONAL TRAFFIC ENGINEER SHALL BE NOTIFIED BY THE RESIDENT ENGINEER TO RESCIND THE ORDINANCE.
5. WHEN WORK ZONE "VARIABLE" SPEED LIMIT" REDUCTIONS ARE IN EFFECT, THE CONTRACTOR IS TO COVER ANY EXISTING SPEED LIMIT SIGNS LOCATED WITHIN THE ACTIVE WORK AREA THAT CONFLICT WITH THE WORK ZONE "VARIABLE" SPEED LIMIT REDUCTION.
6. DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
7. ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.



APPROVED: *[Signature]*
 SEAL
 PROFESSIONAL ENGINEER
 JOHN S. KITE, III
 022104
 9/10/07

WORK ZONE "VARIABLE" SPEED LIMIT REDUCTION W/ PORTABLE CMS'S AND DOUBLE FLASHING ARROW PANELS	
SCALE: NONE	REVISIONS
DATE: 07/12/07	
DWG. BY: JSK	
DESIGN BY: JSK	
REVIEWED BY: JSK	

I:\0-SEP-2007 15:49 IN\GROUPS-WZTCCC\design\group\garvve bonds\I-4906 (harnett)\I-4906 temp speed reduction.dgn
 \DOT\AD\SR0010\I-4906 (harnett)\I-4906 temp speed reduction.dgn
 SKITE AT 12/12/2007