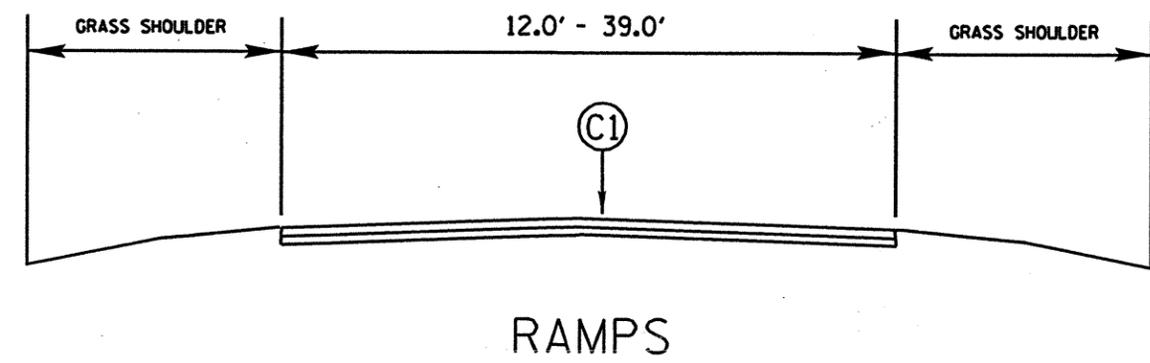
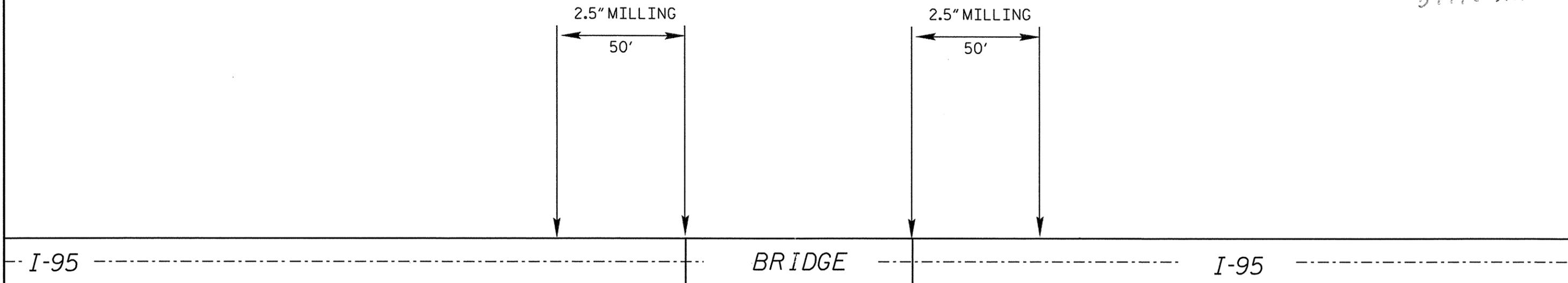


TYPICAL SECTION NO. 1

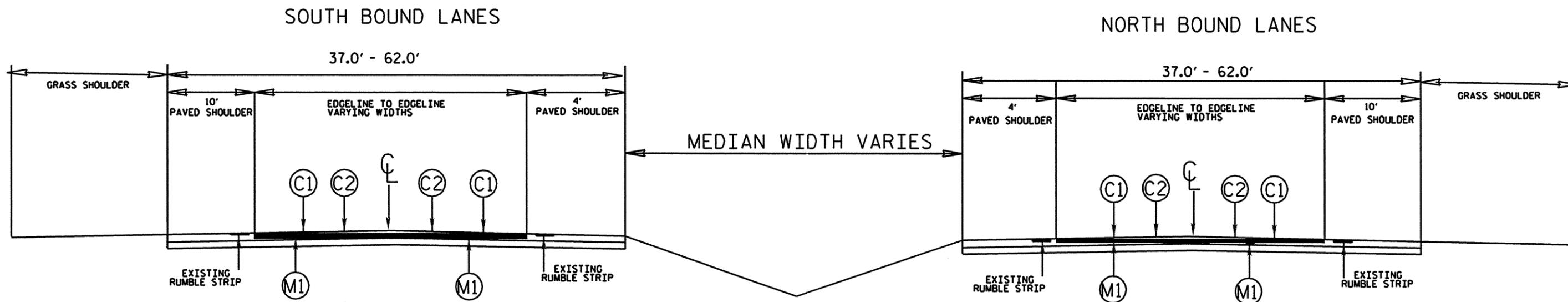
PAVEMENT SCHEDULE	
C1	PROP. ULTRATHIN BONDED WEARING COURSE AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
C2	PROP. APPROX. 2.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S12.5D, AT AN AVERAGE RATE OF 280 LBS. PER SQ. YD.
C3	PROP. MICRO-SURFACE RUT-FILL AT AN AVG. WIDTH OF 3' PER RUT FOR THE ENTIRE LENGTH OF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



TYPICAL SECTION NO. 2



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



TYPICAL SECTION NO. 3
 (BRIDGE TYPICAL)

PROJECT NO.	SHEET NO.	TOTAL NO.
I-4915	4	
39996.3.GV1		

SUMMARY OF QUANTITIES

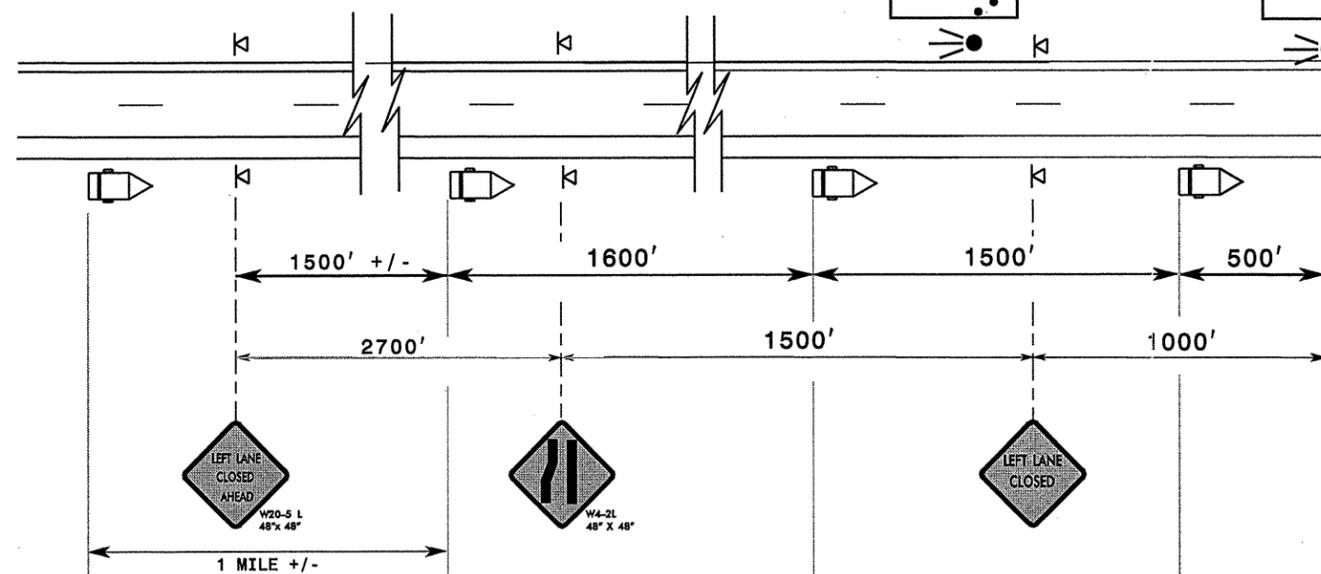
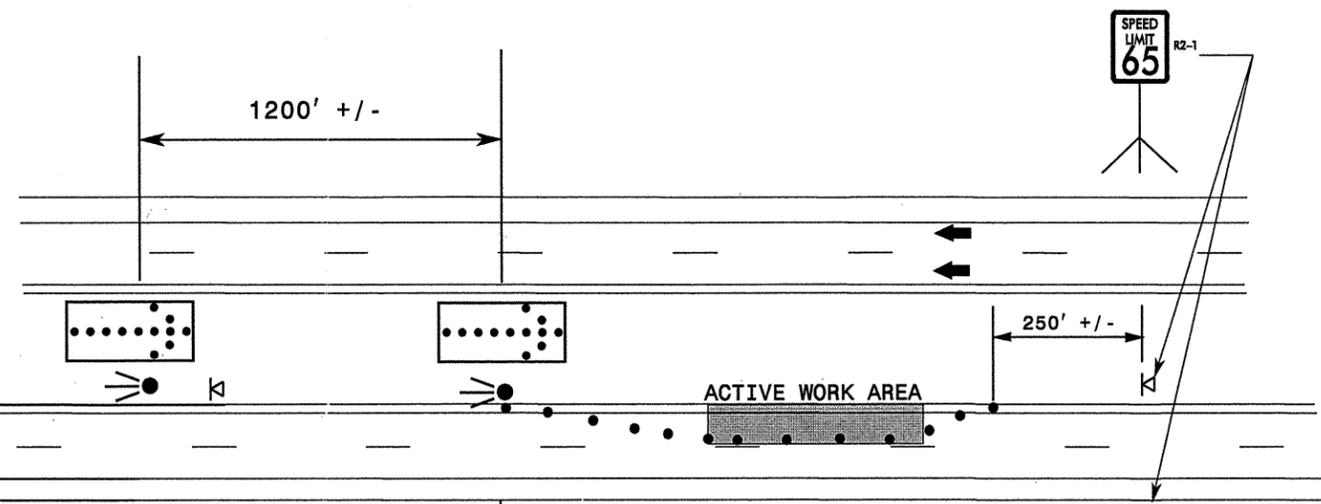
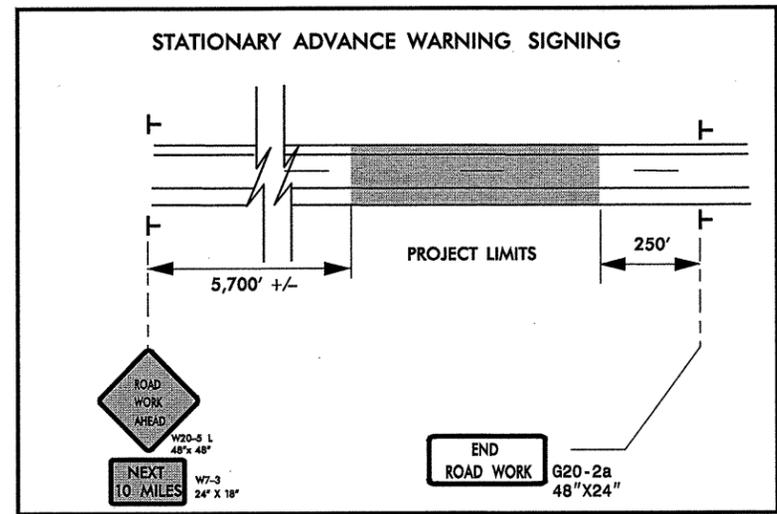
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	2.5" MILLING SY	SURFACE COURSE, S12.5D TONS	ASPHALT BINDER FOR PLANT MIX GRADE PG 76-22 TONS	ASPHALT BINDER FOR PLANT MIX GRADE PG 70-28 TONS	ULTRATHN HOT MIX ASPHALT TYPE B TONS	APPLICATI ON OF ULTRATHIN HOT MIX ASPHALT SY	MICRO-SURFACING RUTFILLING SQ YD	PORTABLE LIGHTING LS
I-4915	Cumberland	1	I-95 NBL & SBL	PAVEMENT JT @ THE NORTH SIDE OF I-295 TO HARNETT CO LINE	1	10.02	25.5	903	200	11	546	10,493	299,799	141,082	1
		2	RAMPS	@ EXIT 061	2	1.07	24				28	527	15,066		
		3	RAMPS	@ EXIT 065	2	1.07	24				28	527	15,066		
TOTAL FOR PROJ NO. I-4915						12.16		903	200	11	602	11,547	329,931	141,082	1

PROJECT NO.	SHEET NO.	TOTAL NO.
I-4915	5	
39996.3.GV1		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4400000000-E	4405000000-E	4415000000-N	4420000000-N	4430000000-E	4480000000-E	4686000000-E	4688000000-E		4690000000-E
					STATIONARY WORK ZONE SIGN SF	PORTABLE WORK ZONE SIGN SF	FLASHING ARROW PANELS, TYPE C EA	CHANGEABLE MESSAGE SIGN EA	DRUMS EA	TRUCK MOUNTED IMPACT ATTENUATOR EA	4" X 120 M YELLOW THERMO LF	6" X 90 M WHITE THERMO LF	THERMO YELLOW 6" 90 MIL LF	THERMO WHITE 6" 120 MIL LF
I-4915	Cumberland	1	I-95 NBL & SBL	PAVEMENT JT @ THE NORTH SIDE OF I-295 TO HARNETT CO LINE	304	500	2	4	268	2		110,000.00	110,000.00	30,000.00
		2	RAMPS	@ EXIT 061							1,000	3,700.00	2,300.00	
		3	RAMPS	@ EXIT 065							1,100	4,700.00	3,000.00	
TOTAL FOR PROJ NO. I-4915					304	500	2	4	268	2	2,100	118,400	115,300	30,000
												233,700		

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4700000000-E	4725000000-E		4815000000-E		4825000000-E	4850000000-E	4855000000-E		4905000000-N
					12" X 90 M WHITE THERMO LF	THERMO STR ARROW 90 M EA	THERMO RAMP ARROW 90 M EA	6" WHITE PAINT LF	6" YELLOW PAINT LF	12" WHITE PAINT LF	REMOVAL PAV. MARKING LINES (4") LF	REMOVAL PAV. MARKING LINES (6") LF	REMOVAL PAV. MARKING LINES (6") LF	SNOW PLOWABLE MARKERS EA
I-4915	Cumberland	1	I-95 NBL & SBL	PAVEMENT JT @ THE NORTH SIDE OF I-295 TO HARNETT CO LINE	3,200	14		140,000	110,000	3,200		253,200.00		1,600
		2	RAMPS	@ EXIT 061			2	3,700	3,300		3,300.00		3,700.00	22
		3	RAMPS	@ EXIT 065			2	4,700	3,000		4,100.00		4,700.00	24
TOTAL FOR PROJ NO. I-4915					3,200	14	4	148,400	116,300	3,200	7,400	253,200	8,400	1,646
						18	264,700			261,600				



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 IN 1500 FT	WORKERS IN ROADWAY

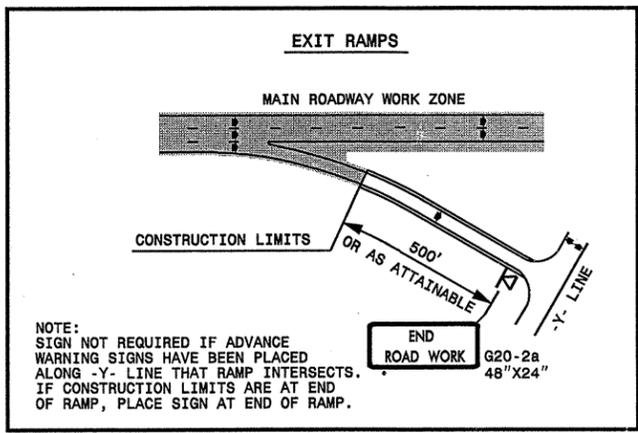
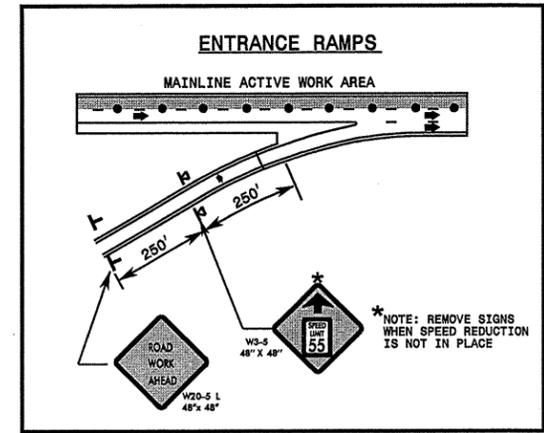
CHANGEABLE MESSAGE SIGN

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

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

I:\SFP-2007\1518\DOT\DESIGN\GROUPS-WZTCCC\design\car-vee bonds\I-4915 temp speed reduction.dgn
 AT WZTCCC229201