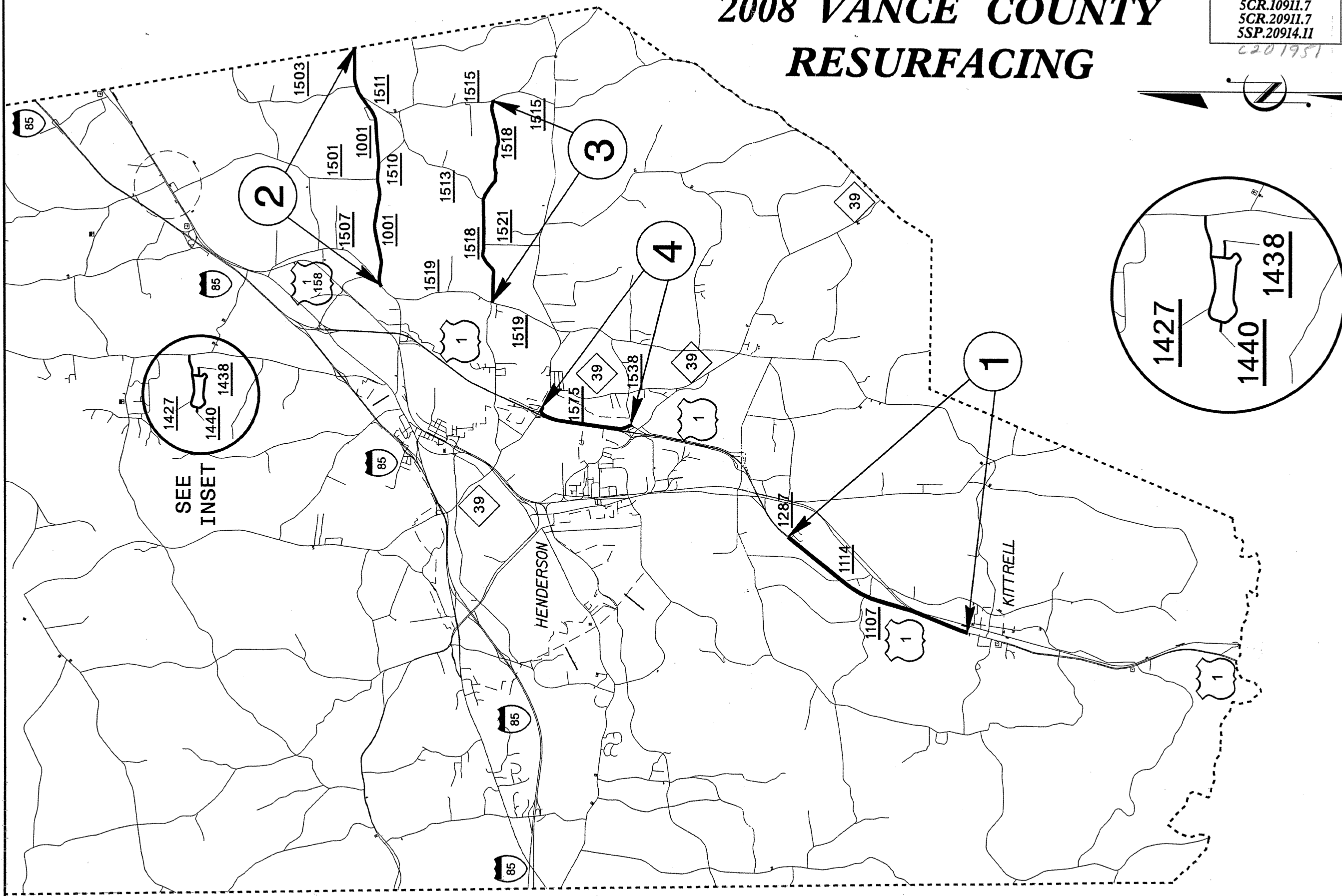
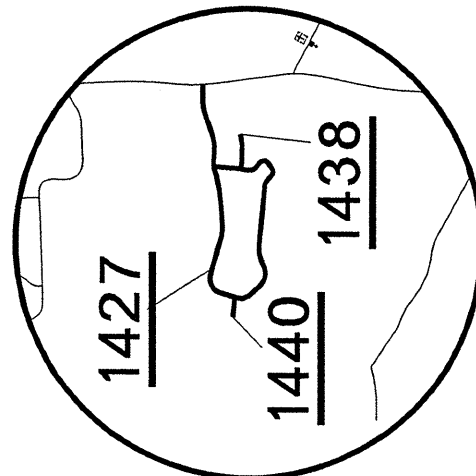


2008 VANCE COUNTY RESURFACING

PROJECT NO.	SHEET NO.
SCR.10911.7 SCR.20911.7 SSP.20914.11 C201951	1

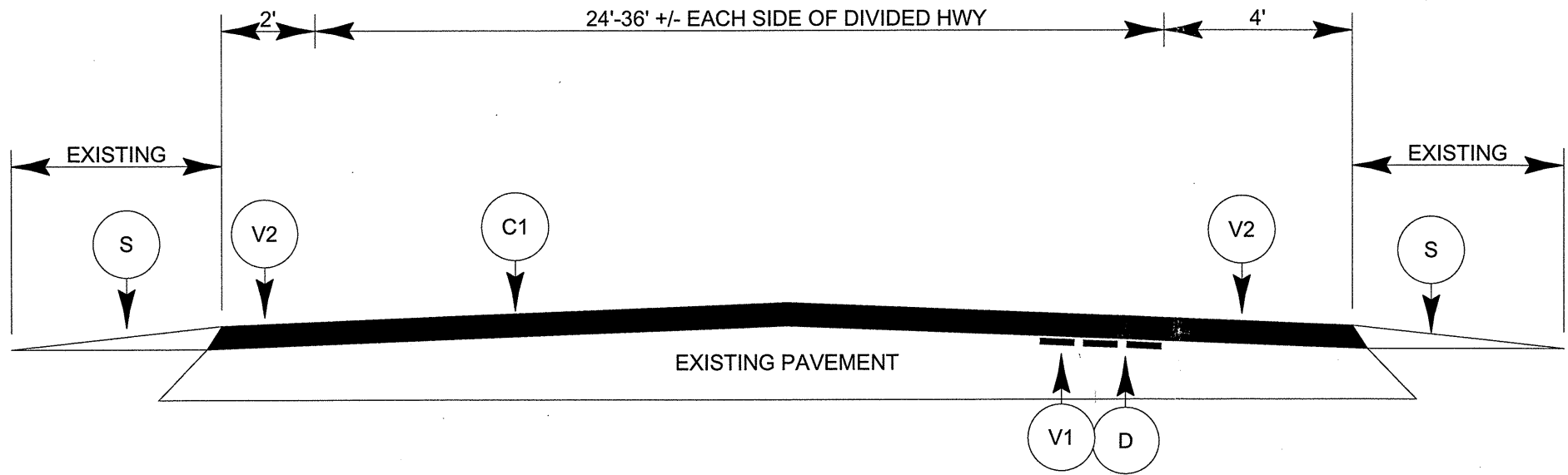


SEE
INSET

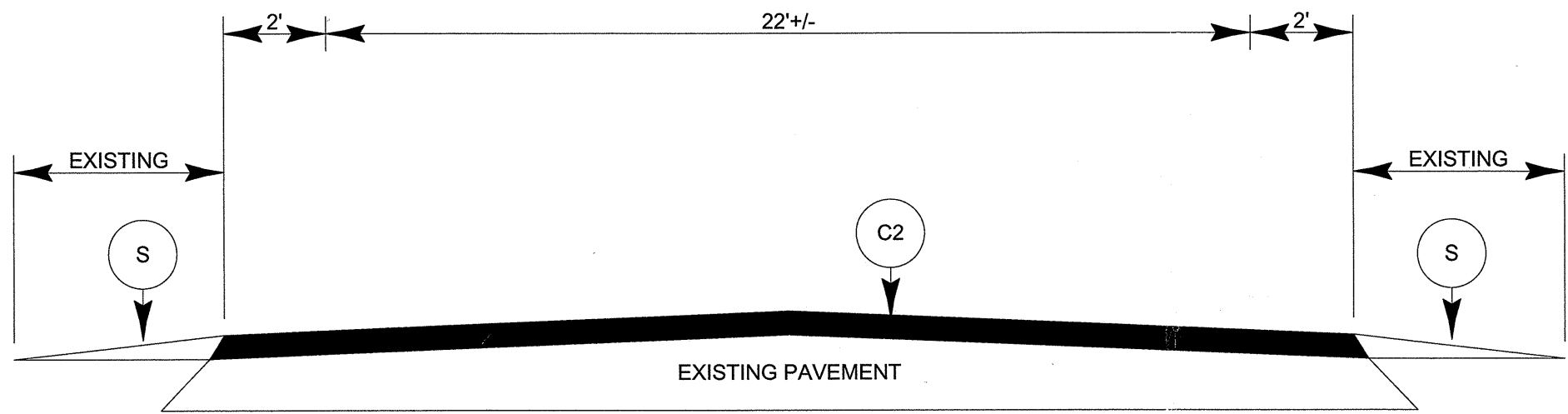


INSET FOR
MAPS 5-7

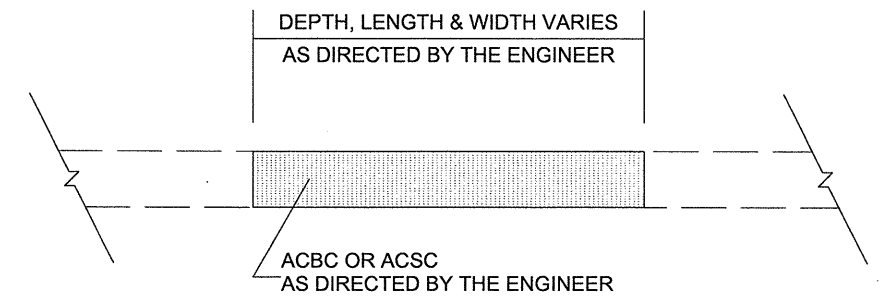
PROJECT NO. 5CR.10911.7, 5CR.20911.7, 5SP.20914.11,	SHEET NO. 2	TOTAL SHEETS
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TYPICAL SECTION NO. 1



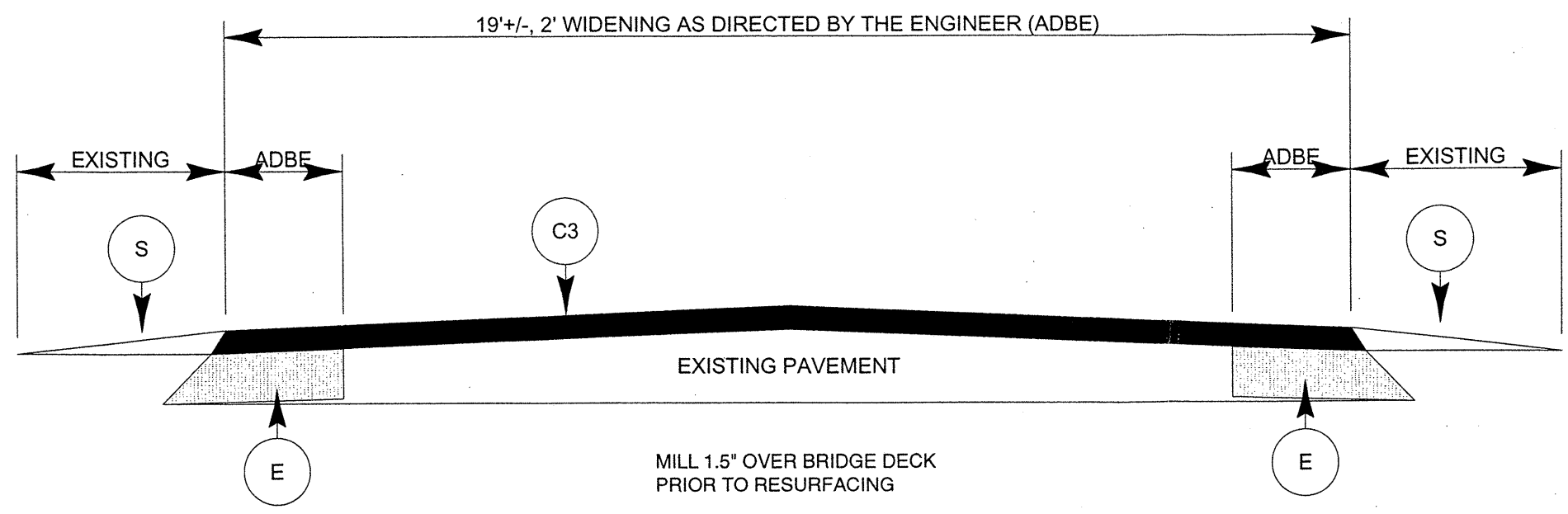
TYPICAL SECTION NO. 2



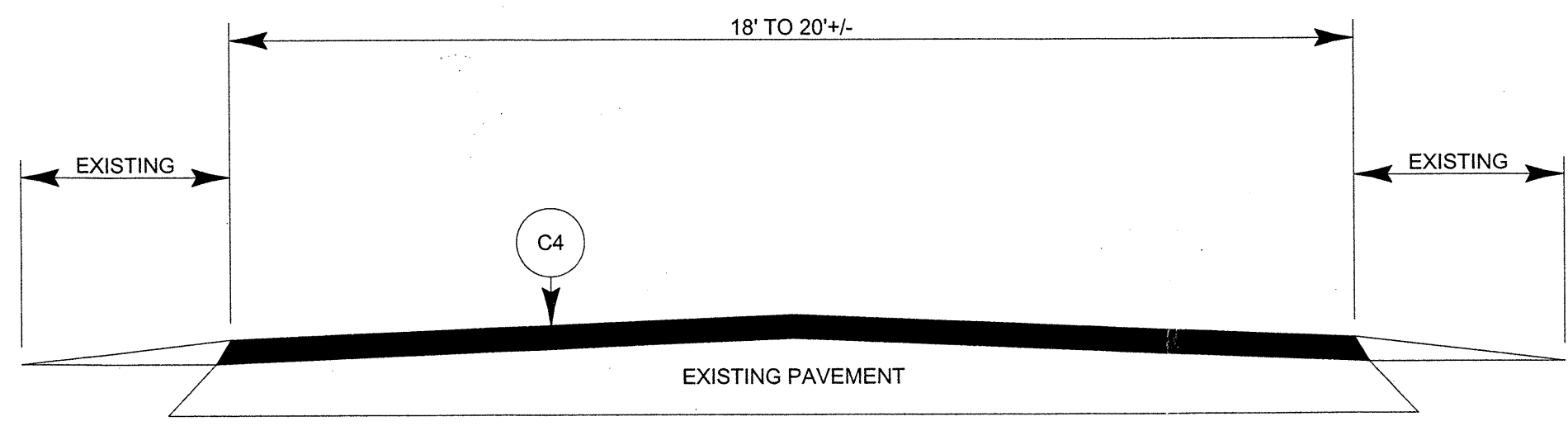
PATCHING EXISTING PAVEMENT

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS. PER SQUARE YARD
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQUARE YARD
C3	PROP. APPROX. 1.5" BITUMINOUS CONCRETE SURFACE COURSE, TYPE SF9.5A AND AN AVERAGE RATE OF 165 LBS PER SQUARE YARD
C4	PROP. APPROX. 0.75" BITUMINOUS CONCRETE SURFACE COURSE, TYPE S4.75A AT AN AVERAGE RATE OF 75 LBS PER SQUARE YARD
D	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQUARE YARD AS DIRECTED BY THE ENGINEER
E	PROP. APPROX. 6" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 684 LBS. PER SQUARE YARD AS DIRECTED BY THE ENGINEER
S	SHOULDER RECONSTRUCTION
V1	2.5" MILLING FOR RUTTING IN WHEELPATHS AND OTHER DISTRESSED PAVEMENT AREAS AS DIRECTED BY THE ENGINEER
V2	MILLED RUMBLE STRIPS

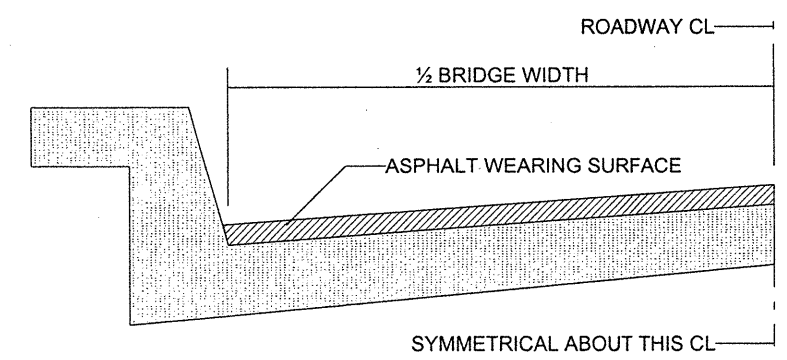
PROJECT NO.	SHEET NO.	TOTAL SHEETS
5CR.10911.7, 5CR.20911.7, 5SP.20914.11,	3	



TYPICAL SECTION NO. 3



TYPICAL SECTION NO. 4



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 ROADS TO BE RESURFACED 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 INDICATED.
 BRIDGES ARE TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.

PROJECT NO.	SHEET NO.	TOTAL NO.
5CR.10911.7, 5CR.20911.7 5SP.20914.11.	4	

SUMMARY OF QUANTITIES

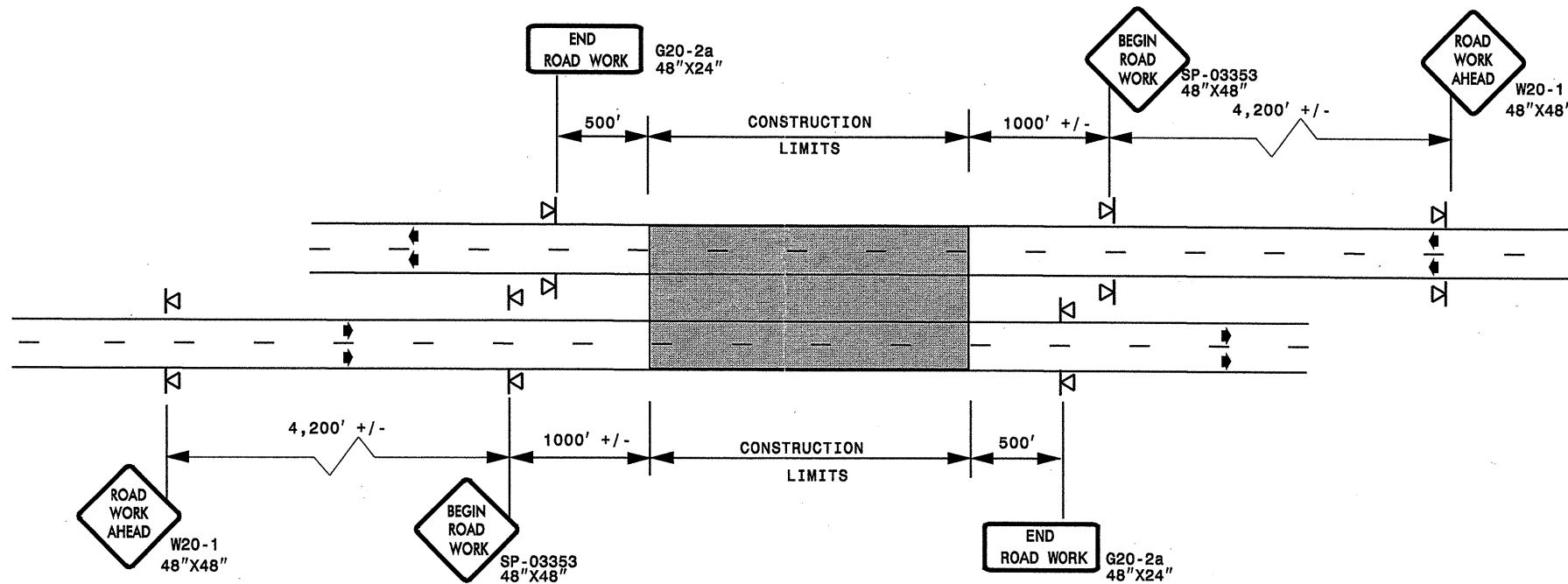
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	2.5" MILLING SY	1.5" MILLING SY	MILLED RUMBLE STRIPS LF	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	INTERMEDIATE COURSE, I19.0B TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	LEVELING COURSE, S9.5C TONS	SURFACE COURSE, SF9.5A TONS	SURFACE COURSE, S4.75A TONS	PG 64-22 PLANT MIX TONS	PG 70-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	SEED & MULCHING AC
5CR.10911.7	Vance	1	US 1 NB AND SB	FROM CURB AND GUTTER NORTH OF KITTRELL TO JOINT NORTH OF COBBLEWAY	1	3.3	64	20	13.2	7800		69696	1000		1160		11,828	40			55	712	1,150	9.60
TOTAL FOR PROJ NO. 5CR.10911.7						3.3		20	13.2	7800		69696	1000		1160		11,828	40			55	712	1,150	9.60
5CR.20911.7	Vance	2	SR 1001 (WARRENTON ROAD)	FROM 1507 (BROOKSTON ROAD) TO WARREN COUNTY LINE	2	3.62	26	87	7.24				800			4800					288		250	5.26
		3	SR 1518 (STEWART FARM ROAD)	FROM SR 1519 (CAREY CHAPEL ROAD) TO SR 1515 (COKESBURY ROAD)	3	3.15	19	76	6.3		100			200				2,916			198		200	4.58
		4	SR 1575 (AMERICAL ROAD)	FROM NC 39 TO SR 1538 (GARRETT ROAD)	2	1.5	26		3				500			1989					119		100	2.25
TOTAL FOR PROJ NO. 5CR.20911.7						8.27		163	16.54	0	100	0	1300	200	0	6789		2,916			605		550	12.09
5SP.20914.11	Vance	5	SR 1427 (FRANKLIN LANE)	FROM SR 1319 (SATTEWHITE POINT ROAD) TO 1427	4	1.68	20													779	55			
		6	SR 1438 (KING STREET)	FROM SR 1427 (FRANKLIN LANE TO END STATE MAINTENANCE)	4	0.23	20													107	7			
		7	SR 1440 (LAKEWOOD COURT)	FROM SR 1427 (FRANKLIN TO END STATE MAINTENANCE)	4	0.07	18													29	2			
TOTAL FOR PROJ NO. 5SP.20914.11						1.98		0	0	0	0	0	0	0	0	0					915	64		
GRAND TOTAL						13.55		183	29.74	7800	100	69696	2300	200	1160	6789	11,828	40	2,916	915	724	712	1,700	21.69

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E		4686000000-E		4710000000-E	4721000000-E		4725000000-E			4900000000-E	4905000000-E	4810000000-E		
					4" X 90 M WHITE THERMO LF	4" X 90 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG STOP 120 M EA	THERMO MSG AHEAD 120 M EA	THERMO LT ARROW 90 M EA	THERMO STR ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	YELLOW & YELLOW MARKERS EA	SNOW PLOWABLE MARKERS EA	4" WHITE PAINT LF	
5CR.10911.7	Vance	1	US 1 NB AND SB	FROM CURB AND GUTTER NORTH OF KITTRELL TO JOINT NORTH OF COBBLEWAY	36,168	38,848	8,712		250				35	50	1	6		650	2,000
TOTAL FOR PROJ NO. 5CR.10911.7					36,168	38,848	8,712		250				35	50	1	6		650	2,000
					75,016		8,712						92						
5CR.20911.7	Vance	2	SR 1001 (WARRENTON ROAD)	FROM 1507 (BROOKSTON ROAD) TO WARREN COUNTY LINE	38,951			23,892									239		
		3	SR 1518 (STEWART FARM ROAD)	FROM SR 1519 (CAREY CHAPEL ROAD) TO SR 1515 (COKESBURY ROAD)	33,894			20,790	4	5									
		4	SR 1575 (AMERICAL ROAD)	FROM NC 39 TO SR 1538 (GARRETT ROAD)	16,140		20	9,900	40			1				1			
TOTAL FOR PROJ NO. 5CR.20911.7					88,985		20	54,582	40	4	5	1			1		239		
					88,985		54,602			9	5			2					
5SP.20914.11	Vance	5	SR 1427 (FRANKLIN LANE)	FROM SR 1319 (SATTEWHITE POINT ROAD) TO 1427															
		6	SR 1438 (KING STREET)	FROM SR 1427 (FRANKLIN LANE TO END STATE MAINTENANCE)															
		7	SR 1440 (LAKEWOOD COURT)	FROM SR 1427 (FRANKLIN TO END STATE MAINTENANCE)															
TOTAL FOR PROJ NO. 5SP.20914.11																			
GRAND TOTAL					125,163	38,848	8,732	54,582	290	4	5	36	50	1	7	239	650	2,000	
					164,001		63,314			9		94							

ADVANCE WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

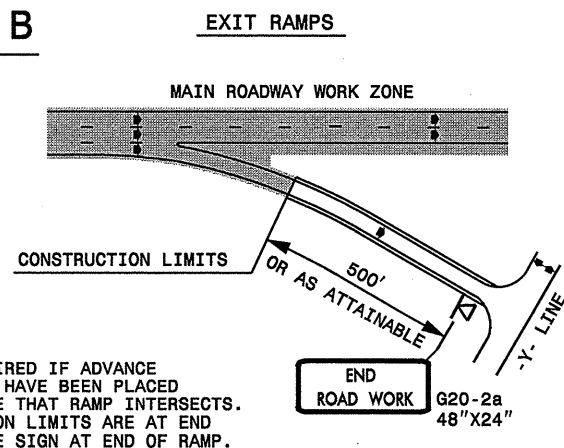
DETAIL A



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

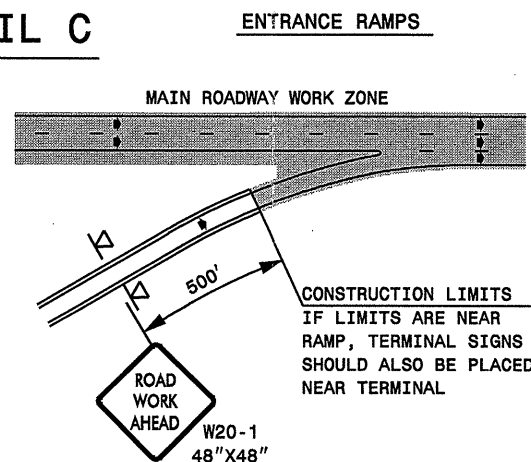
ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)

DETAIL B



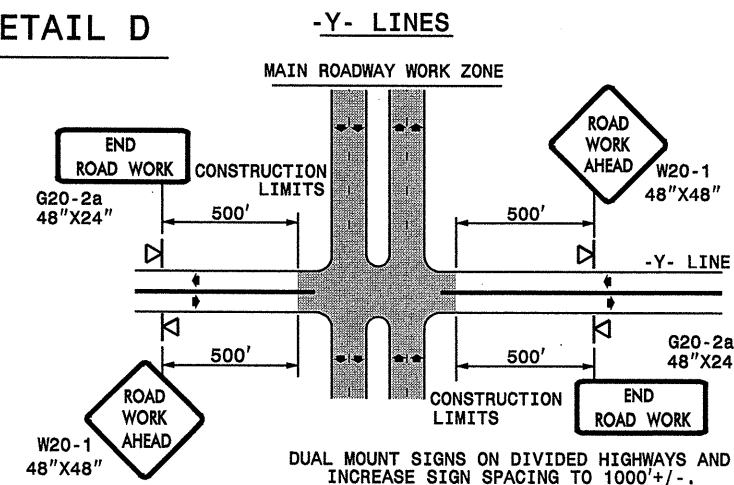
NOTE:
SIGN NOT REQUIRED IF ADVANCE
WARNING SIGNS HAVE BEEN PLACED
ALONG -Y- LINE THAT RAMP INTERSECTS.
IF CONSTRUCTION LIMITS ARE AT END
OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



CONSTRUCTION LIMITS
IF LIMITS ARE NEAR
RAMP, TERMINAL SIGNS
SHOULD ALSO BE PLACED
NEAR TERMINAL

DETAIL D



DETAIL DRAWING
FOR FREEWAYS
WORK ZONE WARNING SIGNS
(SHORT-DURATION LANE CLOSURES)

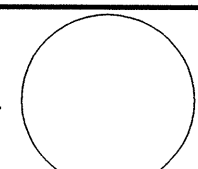

GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND

- ◁ PORTABLE SIGN
- ← DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

APPROVED: _____ DATE: _____	DETAIL DRAWING FOR FREEWAYS WORK ZONE WARNING SIGNS	
SEAL 	SCALE: NONE	REVISIONS
	DATE: _____	7-98 10/01
	DWG. BY: _____	10-98 03/04
	DESIGN BY: _____	01/01 11/04
REVIEWED BY: _____		

07-NOV-2007 12:26
 \\DOT\DFSROOT\GROUPS\WZTCC\des\gngr\resurfacing\resurfacing2007\div05\c20951\scr09117_freeway4lanesgreatJuly2006.dgn
 psey@more AT WZTCC237502

SP 03353

SIGN NUMBER: SP-03353 TYPE: A QUANTITY: 1 SIGN WIDTH: 4'-0" HEIGHT: 4'-0" TOTAL AREA: 16.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.59" WIDTH: 0.75" RADIUS: 1.38" NO. Z BARS: N/A LENGTH: N/A	BACKG COLOR: Fluorescent Orange COPY COLOR: Black SYMBOL	DESIGN BY: CL DOWNEY PROJECT ID: ALL PROJECTS	CHECKED BY: CHECKED DIV: DIV	STD #: W20-1 DATE: Aug 20, 2003
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LETTER POSITIONS										Serifs/Size Text Length		
Letter spacings are to start of next letter												
B	E	Q	X	Y	W	H						
22.4	5.3	4.8	5.4	2.5	3.8	22.4						07
												21.8
R	O	A	D									07
23.4	5	5.2	5.6	3.8	23.4							19.6
												07
W	O	R	K									21.2
22.8	6.4	5.6	5.2	4	22.8							

Spacing Factor is 1 unless specified otherwise
FILENAME: SPEC38AK NORTH CAROLINA D.O.T. SIGN DETAIL

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

DETAIL DRAWING FOR
WORK ZONE SIGNS
BEGIN ROAD WORK

SHEET 1 OF 1

GENERAL NOTES FOR SIGN SP-03353 "BEGIN ROAD WORK"

- SIGN SP-03353 "BEGIN ROAD WORK" ONLY APPLIES TO FULL CONTROL AND PARTIAL CONTROL OF ACCESS ROADWAYS
- WHEN USED, INSTALL SIGN SP-03353 "BEGIN ROAD WORK" ACCORDING TO DETAIL FOR FREEWAY WORK ZONE SIGNS

APPROVED:	DATE:	DETAIL DRAWING FOR ADVANCED WORK ZONE WARNING SIGN DESIGNS							
SEAL	SCALE: NONE	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> </thead> <tbody> <tr> <td style="width:50%;">04/04</td> <td></td> </tr> <tr> <td>11/04</td> <td></td> </tr> </tbody> </table>		REVISIONS		04/04		11/04	
	REVISIONS								
	04/04								
	11/04								
DATE: 08/03									
DESIGN BY:									
REVIEWED BY:									

07-NOV-2007 12:27
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pseymore AT WZTCC237502