84039

WBS ELEMENT 6CR.10471.8, 8CR.20471.8

2001945

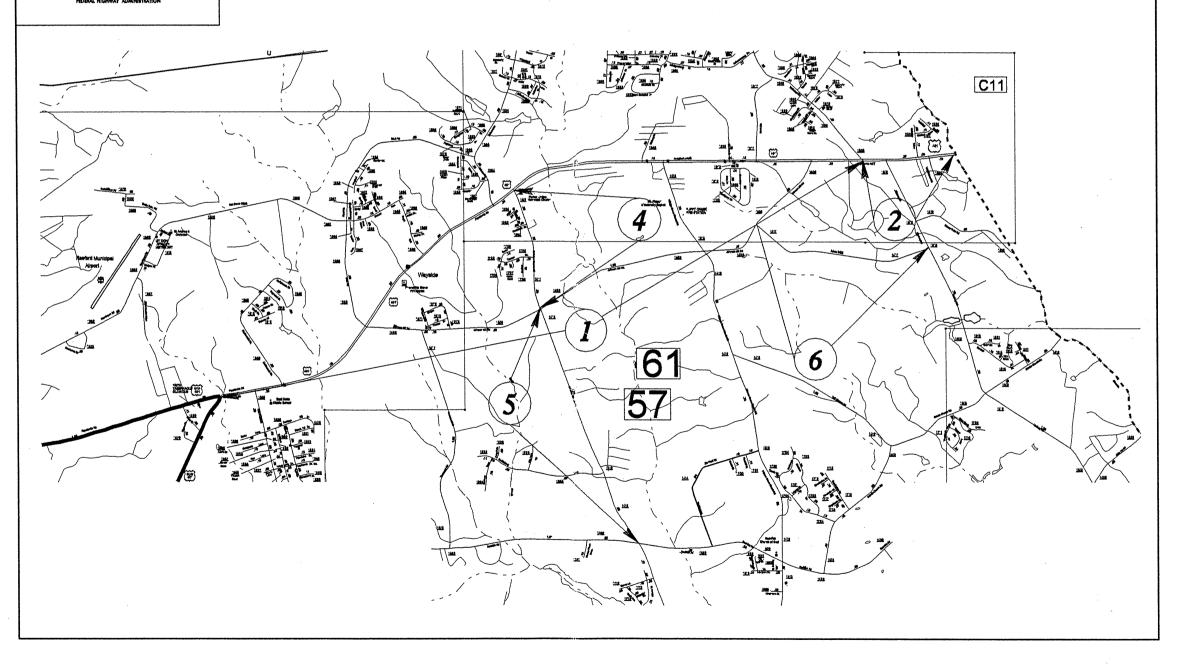


#### HOKE COUNTY

#### NORTH CAROLINA

NORTH CARCUNA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - C/S UNIT

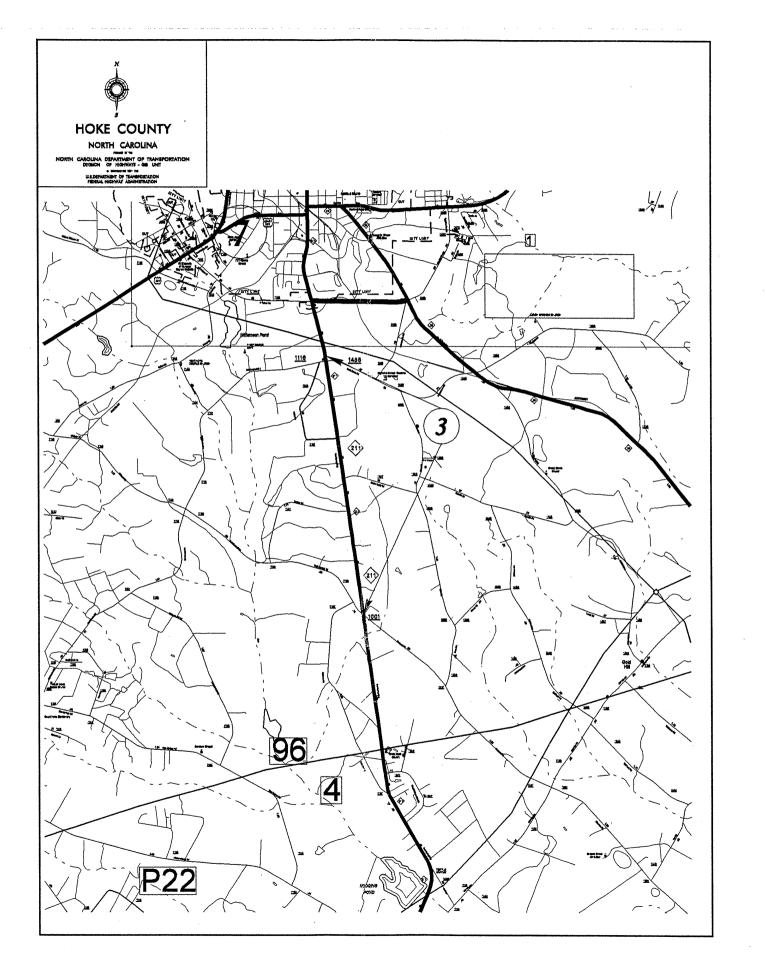
10 COMMUNITY OF TRANSPORTATION
U.S.DEPARTWANT OF TRANSPORTATION



WBS PLEMENT SHEET NO.

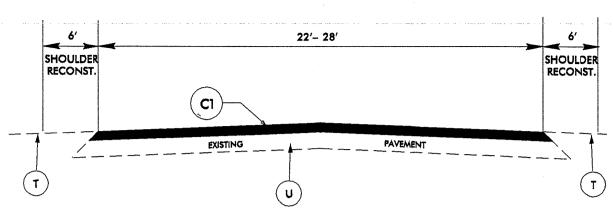
8CR.10471.8, 8CR.20471.8

2

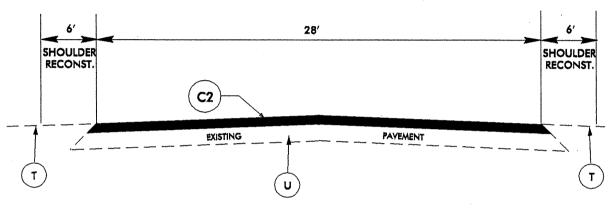


| 16-0CT-2007 | 16:47 |ects-10cs & X 8 | 58:19908-Resurf \ Hoke\hoke.typ.dgn |exts-Af 08CA0239347 WBS ELEMENT SHEET NO.
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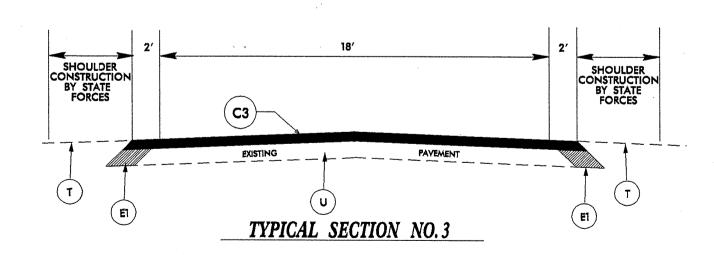
3



TYPICAL SECTION NO.1



TYPICAL SECTION NO. 2



	PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5 " ASPHALT CONC. SURFACE COURSE, TYPE \$9.5C, AT AN AVERAGE RATE OF 168 LBS. PER \$Q. YD.	
C2	PROP. APPROX. 2.0 " ASPHALT CONC. SURFACE COURSE, TYPE \$9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.	
C3	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.	
E1	PROP. APPROX. 5.0" ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.	
T	EARTH MATERIAL	
U	EXISTING PAVEMENT	

PROJECT NO.	SHEET NO.	TOTAL NO.
8CR.10471.8, 8CR.20471.8	4	

## SUMMARY OF QUANTITIES

PROJECT	COUNT	YMAP	ROUTE	DESCRIPTION	TYP	LENGTH	WIDTH	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	INCIDENTAL MILLING	BASE COURSE, B25.0B	SURFACE COURSE, S9.5C	SURFACE COURSE, SF9.5A	PG 64-22 PLANT MIX	PG 70-22 PLANT MIX	PATCHING EXISTING PAVEMENT		ADJ. OF METER OR VALVE BOX	
NO	<u> </u>	NO			NO	MI	FT	TONS	SMI	SY	TONS	TONS	TONS	TONS	TONS	TONS	EA	EA	AC
8CR.10471.8	Hoke	1	US 401-SB	FROM US 401 BUS. TO SR 1305 (WAYSIDE DRIVE)	1	5.3	28	100	11.20			9,400			564	200	1		5.40
		2	US 401-SB	FROM SR 1305 (WAYSIDE DRIVE) TO CUMBERLAND COUNTY LINE	2	0.7	28		1.40			1,720			103				1.10
		3	NC 211	FROM CONST. JT. NORTH OF SR 1116 TO SR 1001	1	2.32	22	100	4.75	244		2,901			174	161			3.45
TOTAL FO	R PROJ	NO. 8C	R.10471.8			8.32		200	17.35	244		14,021			841	361	1		9.95
															1		<del></del>	•	
8CR.20471.8	Hoke	4	SR 1411	FROM US 401 TO SR 1409	3	0.9	22	15		98	700		1,015	96				2	
		5	SR 1412	FROM SR 1409 TO SR 1406	3	1.9	22	75		98	1,475		2,140	203					
		6	SR 1417	FROM SR 1409 TO SR 1418	3	1	22	15		88	780		1,125	107					
TOTAL FO	R PROJ	NO. 8CI	R.20471.8			3.8		105		284	2,955		4,280	406				2	
														<del></del>	J	1,	J		<del></del>
	GRAND	TOTAL				12.12		305	17.35	<b>52</b> 8	2,955	14,021	4,280	406	841	361	1	2	9.95

PROJECT NO.	SHEET NO.	TOTAL NO.
8CR.10471.8,	-	
8CR.20471.8	5	

# THERMOPLASTIC AND PAINT QUANTITIES

	T				468500	00000-E	4686000000-E	4697000000-E	4695000000-E	4710000000-E		0000-E		4725000000-E		481000	0000-F	4900000000-N	490000000-N
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	4" X 90 M	4" X 90 M	4" X 120 M		8" X 90 M	24" X 120 M	THERMO	THERMO	THERMO LT		THERMO RT	4" WHITE	4" YELLOW	CRYSTAL &	YELLOW &
			l		WHITE	YELLOW	WHITE	WHITE	YELLOW	WHITE	MSG ONLY	MSG	ARROW	STR ARROW	ARROW	PAINT	PAINT	RED	YELLOW
					THERMO	THERMO	THERMO	THERMO	THERMO	THERMO	120 M	SCHOOL	90 M	90 M	90 M			MARKERS	MARKERS
					l	LF	LF	LF	LF	LF	EA	120 M							
NO		NO			LF LF	LF LF	LF.	LF	LP	LF	EA	EA	EA	EA	EA	LF	LF	EA	EA
8CR.10471.8	Hoke	1	US 401-SB	FROM US 401 BUS. TO SR 1305 (WAYSIDE DRIVE)	37,130	30,880	6,990	80		110	8	6	64	122	·			640	
		2	US 401-SB	FROM SR 1305 (WAYSIDE DRIVE) TO CUMBERLAND COUNTY LINE	4,000	4,000	930	,		60			9	22	4			60	
		3	NC 211	FROM CONST. JT. NORTH OF SR 1116 TO SR 1001	25,000	10,000			440				4	·				25	153
TOTAL FO	P PPO I N	0 805	10471.8		66,130	44,880	7,920	80	440	170	8	6	77	144	4			725	153
TOTALTO	K F KOO N	0. 001	.10471.0		111	,010					1	4		225		-		87	78
8CR.20471.8	Hoke	4	SR 1411	FROM US 401 TO SR 1409												19,010	13,450		
		5	SR 1412	FROM SR 1409 TO SR 1406												40,128	17,244		
		6	SR 1417	FROM SR 1409 TO SR 1418												21,320	18,484		
TOTAL FO	R PROJ N	O 8CE	20471.8													80,458	49,178		
			.2041 11.0													129	,636		
	GRAND TO	TAL			66,130	44,880	7,920	80	440	170	8	6	77	144	4	80,458	49,178	725	153
	CIMID IC	- 1 AL			111	,010					,	14		225		129	,636	87	78

PROJ. REFERENCE NO. 8CR.10471.8 & TCP-1 8CR.20471.8

TRANSPORTATION

OF.

DEPT

HIGHWAYS

9F

DIVISION

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REVISIONS

7-98 10/01

10-98 03/04 01/01 11/04

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ETAIL

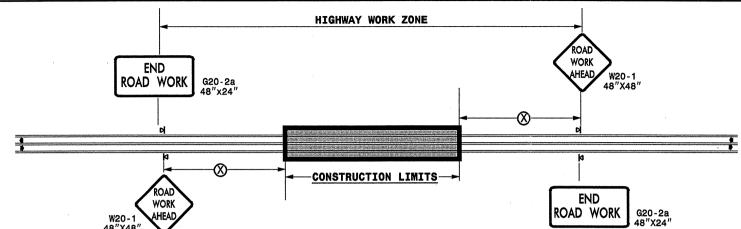
S Z

RALEIGH,

CAROLINA

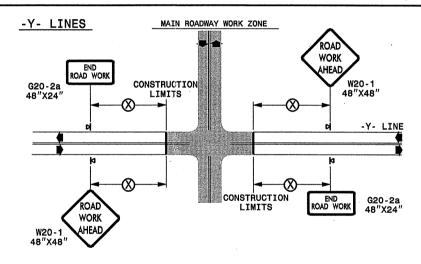
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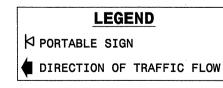
	RECOMMENDED Minimum Sign Spacing
POSTED SPEED LIMIT (M.P.H.)	⊗
≤ 50	500′
≥ 55	1000′

#### ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)

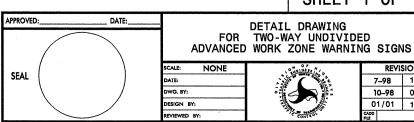


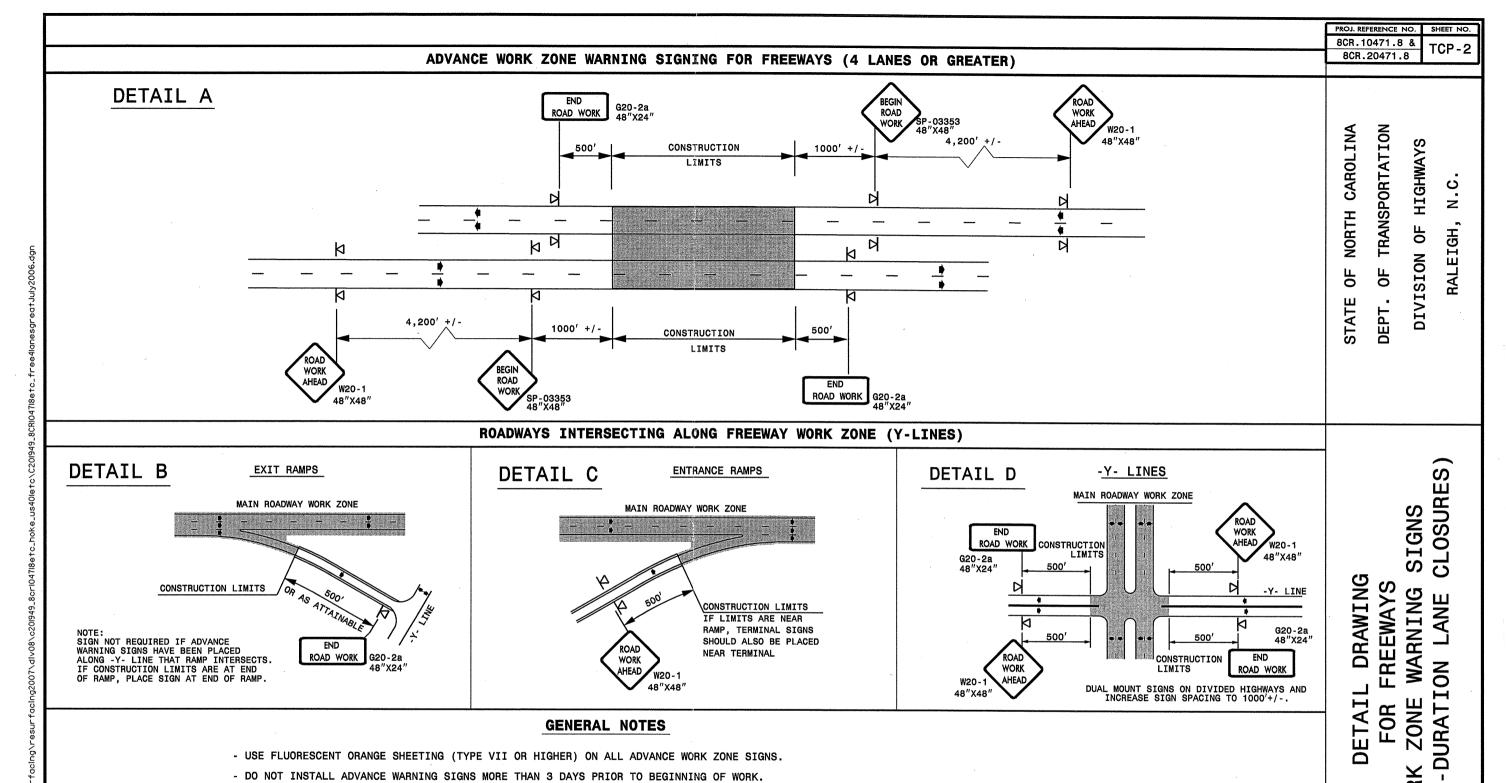
#### **GENERAL NOTES**

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED 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 URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.



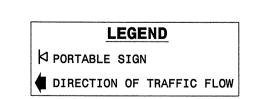
SHEET 1 OF 1





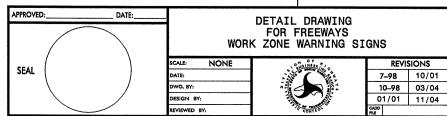
#### **GENERAL NOTES**

- 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.



SHEET 1 OF 1

SHORT



# CAROLINA TRANSPORTATION HIGHWAYS NORTH **0F** OF STATE DEPT.

# 0F RALEIGH DIVISION DRAWING FOR ZONE SIGNS

DETAIL I WORK Z BEGIN

			SHEET	1 OF 1
APPROVED:	DATE:	DE	TAIL DRAWING FO	)R
			ED WORK ZONE WA	
	)	SCALE: NONE	ONOTHERS !!	REVISIONS
SEAL	1	DATE: 08/03		04/04
\	/	DWG. BY:		11/04
		DESIGN BY:		
		REVIEWED BY:	CONTROL	CADD PILE

SIGN NUM	PER: SP YPE:		3		CKG C Py Co	OLOR:	Fluor Bla		t Ora	- 1		N BY:	CL DOWNEY ALL PROJEC	Te			KED BY		ECKE	)			#: W2 E: Au	0-1 g 20,2003
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NO. Z BA LENG	ARS: ATH:		m	AI L:									4								_	<u>†</u> 4'	,	
USE	NOTES:	2, 4								_						R	OA	\D			<b>&gt;</b>	17'	'C	
1. Legend Type VI	and bo	rder s	hall	be di	rect	appli	ed			1											-	†4'	1	
2. Legend	and bo	rder a	hall	be di	rect	appli	ed			- 1						W	OF	N				ΤŹι	1	
non-ref	lectiv	e shee	iting.							1						17	U	111		7		+'	$\cup$	
3. Shields sheetin	snall g on 0	.032"	/pe VI (0.8	u ref m) al	uminu	.ve m and	demo	untab	le.	- 1					1			4				4		
<sup>4</sup> ∙ Backgro	ound sh	all be	туре	VII	refle	ctive	shee	ting.		-									,			118	.7"	
5. Backgro 6. Center							neeti	ng.			F	30RD	FR			1						∄,		
7. Bottom	panel	shall	be ye	llow	Туре	III s	heeti	ng.		- 1		R=1.3					V	•			_	L		
Legend	shall	be di	ect s	upplie	d bla	ick no	n-ref	lecti	ve	- 1			)			1					1			
			nenal	4																				
31100111	ig. Y	ellow	panel	18:						1		TH=0			E				•		-			
31166.571	ig. Y	<b>e</b> 110M	panel	. 18:								TH=0 N=0.		22	4'		21.6	<del>\</del>	22	2.4	-			
SHOOTIN	ig. Y	●110W	panel	. 18:										22	4'		21.6	)" )	22	2.4	<del>-</del>			
			panel	. 18:										22	.4		21.6	)" 	22	2.4	<del>-</del>			
LETTER			panel	. 18:							-	N=0.	59"	22	.4			)"	22	2.4		eantoons		Sarios/Siza
			panel	. 18:				Leti	er	spac	-	N=0.		22 t of 1	.4			)" 	22	2.4				Series/Size Text Length
LETTER	POSITI B	ONS	G	I	N			Leti	ter	spac	-	N=0.	59"	22	.4				22	2.4			<u> </u>	Text Length C7
	POSITI	ONS	T		N 3.8	22.4		Leti	ter	spac	-	N=0.	59"	22	next				22	2.4				Text Length
LETTER	POSITI B	ONS	G	I		22.4		Leti	er	spac	-	N=0.	59"	22	next				22	2.4				Text Length C7
LETTER	POSITI B 4 5.3	ONS E 4.6	G 5.4	1 2.5 D		22.4		Leti	er	spac	-	N=0.	59"	22	next				22	2.4				Text Length C7 21.6
LETTER	POSITI B 4 5.3	ONS E 4.6	G 5.4 A	1 2.5 D	3.8	22.4		Leti	er	spac	-	N=0.	59"	22 t of 1	next				22	2.4				Text Length
22.4 23.4	POSITI	ONS E 4.6 0 5.2	G 5.4 A 5.6	1 2.5 D 3.8	3.8	22.4		Leti	er	spac	-	N=0.	59"	22	next				22	2.4				7ext Length C7 21.6 C7 19.6
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Leti	ter	spac	-	N=0.	59"	22 t of 1	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Leti	ter	spac	-	N=0.	59"	22 t of 1	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Let1	ter	spac	-	N=0.	59"	22	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Lett	ter	spac	-	N=0.	59"	22 t of 1	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Leti	ter	spac	-	N=0.	59"	22 t of 1	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Leti	ter	spac	-	N=0.	59"	t of	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Lett	ter	spac	-	N=0.	59"	22	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Lett	ter	spac	-	N=0.	59"	t of i	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Leti	ter	spac	-	N=0.	59"	t of I	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Leti	ter	spac	-	N=0.	59"	t of	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7
22.4 23.4	POSITI	ONS E 4.6 0 5.2 0	G 5.4 A 5.6	1 2.5 D 3.8	3.8 23.4	22.4		Lett	er	spac	-	N=0.	59"	t of	next				22	2.4				7ext Length C7 21.6 C7 19.8 C7

SP 03353

### 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