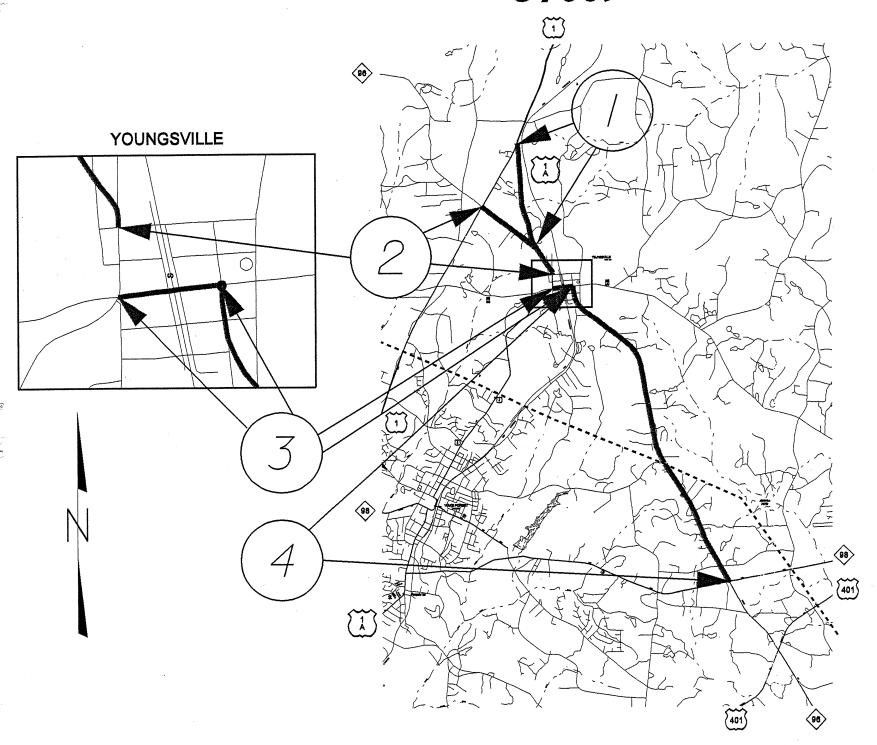
MA05022R 37669

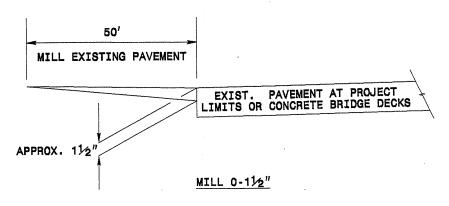


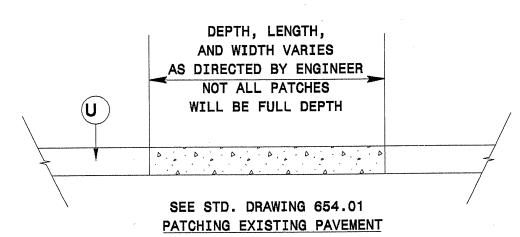
Franklin and Wake Counties

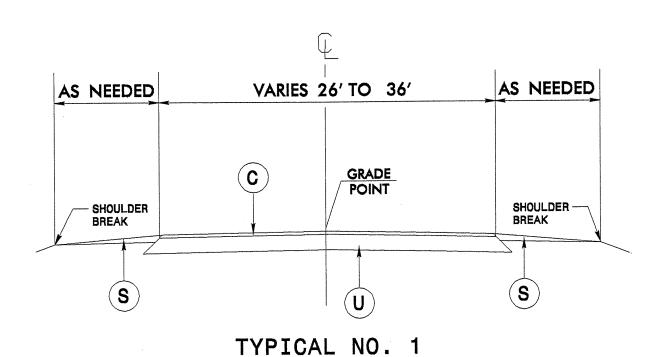
WBS ELEMENT	SHEET NO.	TOTAL NO.
37669	1	,
MA05022R		

NOTES

ALL UNPAVED S.R. 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.

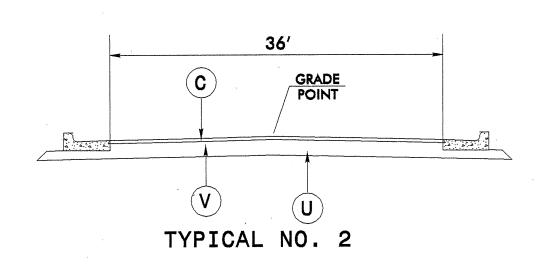






WBS Element		SHEET NO.	TOTAL SHEETS
37669		2	
STATE PROJ. NO.	F./	A. PROJ. NO.	DESCRIPTION
MA05022R			

PAVEMENT SCHEDULE					
С	PROP. APPROX. 3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.				
U	EXISTING PAVEMENT.				
V	MILLING 2.5"				
S	SHOULDER RECONSTRUCTION.				



WBS Element	SHEET NO.	TOTAL NO.
37669	3	
MA05022R		

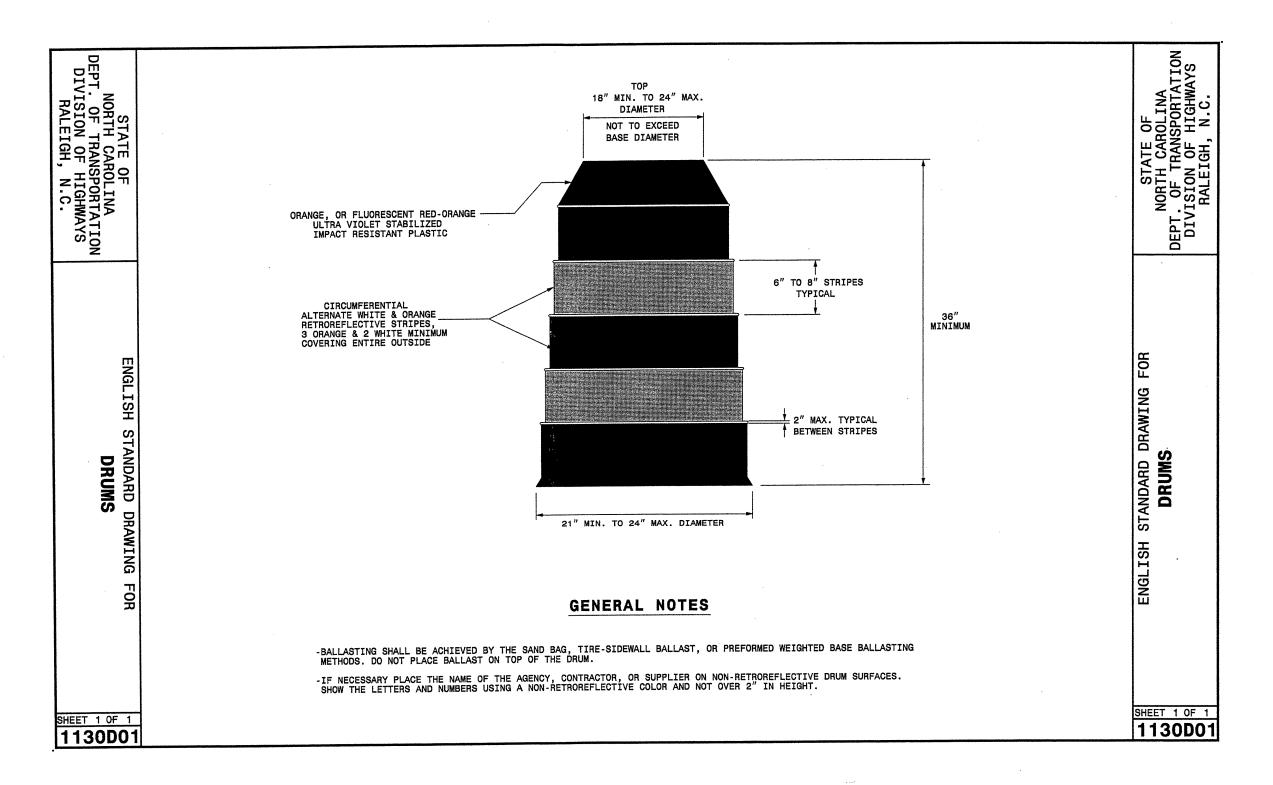
SUMMARY OF QUANTITIES

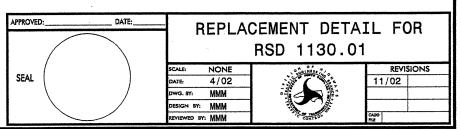
ROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LENGTH	WIDTH	INCIDENTAL STONE	SHOULDER RECONSTR	2.5" MILLING	INCIDENTAL MILLING	SURFACE COURSE,	PG 64-22 PLANT MIX	PATCHING EXISTING	MANHOLES	SEED & MULCHING	LOOP
					NO	М	FT	BASE	UCTION SMI	SY	SY	S9.5B TONS	TONS	PAVEMENT TONS	EA	AC	LF
NO		NO			NO	1911			SWII	<u> </u>			244	200		2.25	
37669	Franklin	1	US 1A	FROM US 1 TO NC 96	1	1.5	26	75	3		800	4,075					
		2	NC 96	FROM US 1 TO WINSTON ST	1	1.4	26	70	2.8		1050	3,803	228	200		2.10	1,200
		3	NC 96	C&G SECTION THROUGH YOUNGSVILLE	2	0.3	36			6336		1,072	64	30	5		2,400
	Franklin Wake	4	NC 96	FROM MAIN ST IN YOUNGSVILLE TO NC 98 IN WAKE CO.	1	5.09	26	255	10.18		3600	13,827	830	700		7.64	
TOTAL	FOR PROJ	NO.				8.29		400	15.98	6336	5450	22,777	1,366	1,130	5	11.99	3,600.00
								400	15.98	6336	5450	22,777	1.366	1,130		11.99	3,600.00

THERMOPLASTIC AND PAINT QUANTITIES

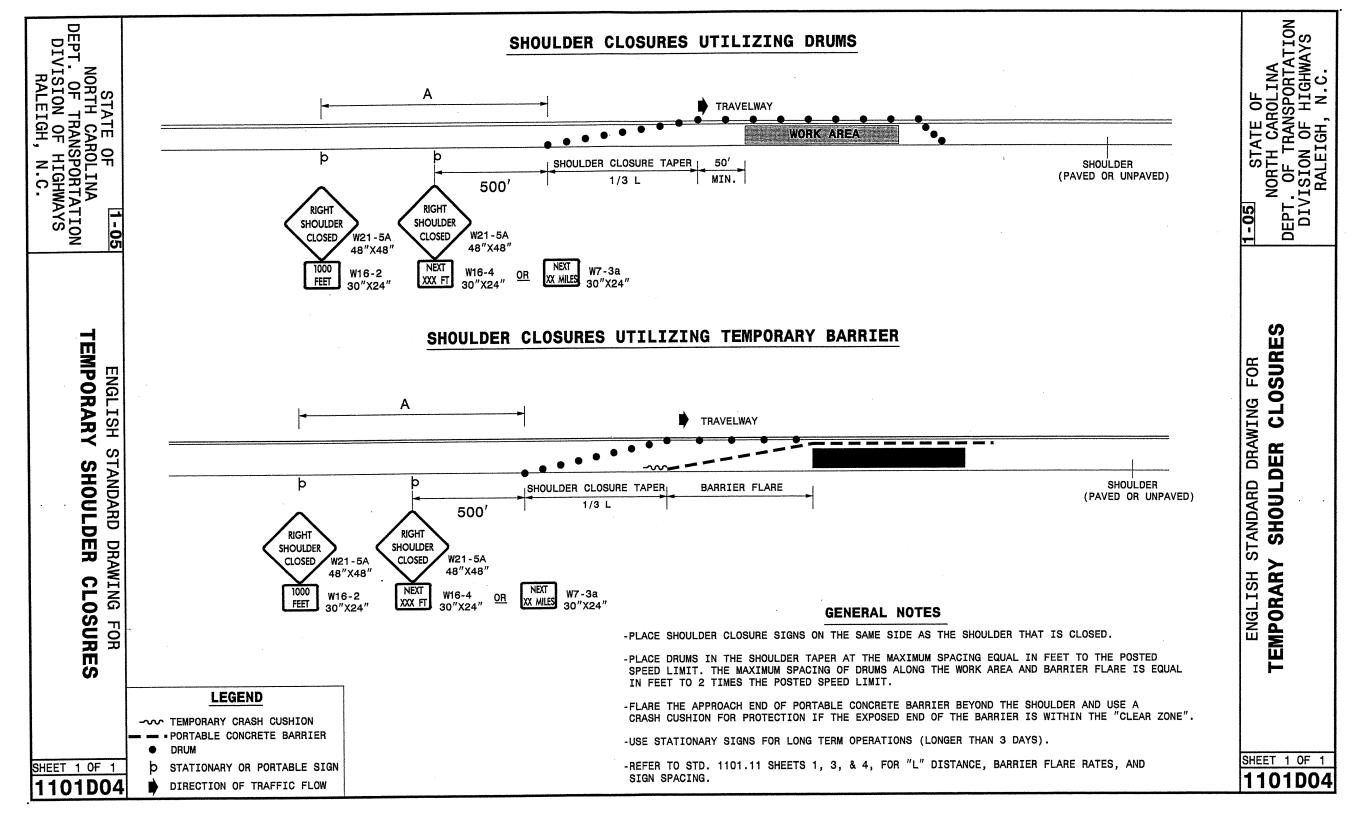
			Т		4685000000-E	468600	0000-E	4705000000-E	4721000000-E	4725000000-E	4810000000-E	4830000000-E	4835000000-E	4840000000-N	4900000000-N	4900000000-N
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	4" X 90 M	4" X 120 M	4" X 120 M	16" X 120 M	THERMO	THERMO LT	4" YELLOW	16" WHITE	24" WHITE	PAINT MSG	YELLOW &	CRYSTAL &
					WHITE	YELLOW	WHITE	WHITE	RXR 120 M	ARROW	PAINT	PAINT	PAINT	RXR	YELLOW	RED
					THERMO	THERMO	THERMO	THERMO		90 M				-	MARKERS	MARKERS
NO		NO			LF .	LF	LF	LF	EA	EA	LF	LF	LF	EA	EA	EA
37669	Franklin	1	US 1A	FROM US 1 TO NC 96	16,140	15,840	100			2	15,840				99	10
		2	NC 96	FROM US 1 TO WINSTON ST	15,064	14,784	200			2	14,784				92	10
				C&G SECTION THROUGH												
		3	NC 96	YOUNGSVILLE		3,168		200	4		3,168	100	122	4		
	Franklin			FROM MAIN ST IN YOUNGSVILLE												
	Wake	4	NC 96	TO NC 98 IN WAKE CO.	54,768	53,750					53,750				336	
					85,972	87,542	300	200	4	4	87,542	100	122	4	527	20
IOIAL	FOR PRO	J NO. 3	3/669			87,	842								54	17
			d								,					
	224127	~~.			85,972	87,542	300	200	4	4	87,542	100	122	4	527	20
(GRAND TO	JIAL				87,	842					<u> </u>	<u> </u>		54	17

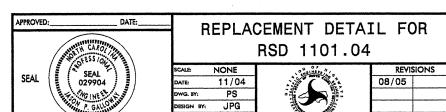
PROJ. REFERENCE NO. SHEET NO. 37669 TCP - 1

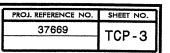




PROJ. REFERENCE NO. SHEET NO. 37669 TCP- 2







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RALEIGH,

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WORK

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FOR

DRAWING



TRANSPORTATION CAROLINA HIGHWAYS NORTH 500' 0F 1000' DIVISION 0F 9F STATE DEPT

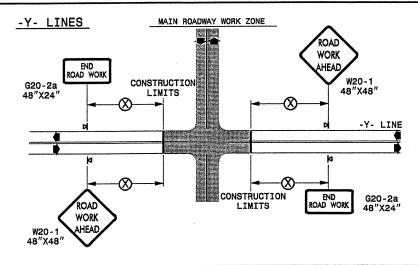
ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)

END

ROAD WORK

G20-2a

TWO-WAY UNDIVIDED ** (L-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.

HIGHWAY WORK ZONE

-CONSTRUCTION LIMITS-

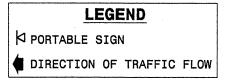
END

ROAD WORK

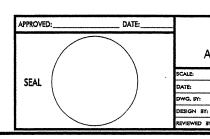
07-APR-2006 09:29 \\D01\DFSR00T0\\GR0UPS-WZTCCC \\D01\DFSR0TGS\\ATG206427

G20-2a 48"x24'

- 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



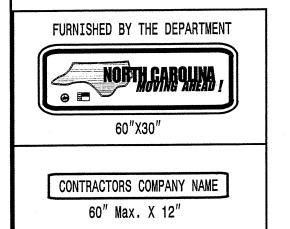
≥ 55

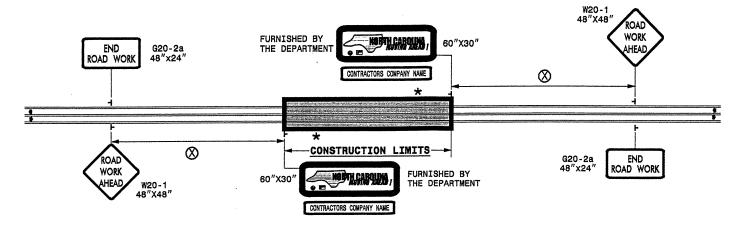
ONOINEER "
14 年
基金
CONTROL

DETAIL DRAWING TWO-WAY UNDIVIDED

ADVANCED	WORK ZONE WARNI	NG SIGN	18
NONE	OHOINER TI	REVI	SIONS
		7-98	10/01
'e		10-98	03/04
BY:		01/01	11/04
BY:	C CONTO	CADO	







_
⊗
350′
500′

RECOMMENDED



THIS SIGN TO BE USED ON PROJECTS LONGER THAN 2 MILES

THE NUMBER DISPLAYED ON THE SIGN IS TO BE A WHOLE

NUMBER ROUNDED UP TO THE NEXT MILE

IT'S TO BE LOCATED 1,500 FEET INSIDE OF THE

CONSTRUCTION LIMITS

97669 NCMA - 1

HIGHWAYS

DEPT. OF TRANSPORTATI DIVISION OF HIGHWAYS

RALEIGH,

CAROLINA

NORTH

OF.

STATE

ADVANCE

FOR

DRAWING

IGNS

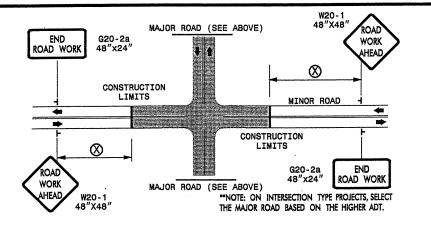
S

ONE

WORK

WARNING

INTERSECTIONS (-Y- LINES)



FREEWAYS/INTERSTATES

DUAL MOUNT "ROAD WORK AHEAD" SIGNS 1,000' IN ADVANCE OF PROJECT LIMITS

DUAL MOUNT "MOVING AHEAD" SIGNS 500' IN ADVANCE OF PROJECT LIMITS

		4	
			4
-	 		4
	 	4	
	 		•
			⇒

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.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED. 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.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.

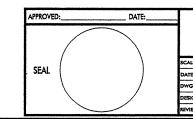
LEGEND

- STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

DETAIL

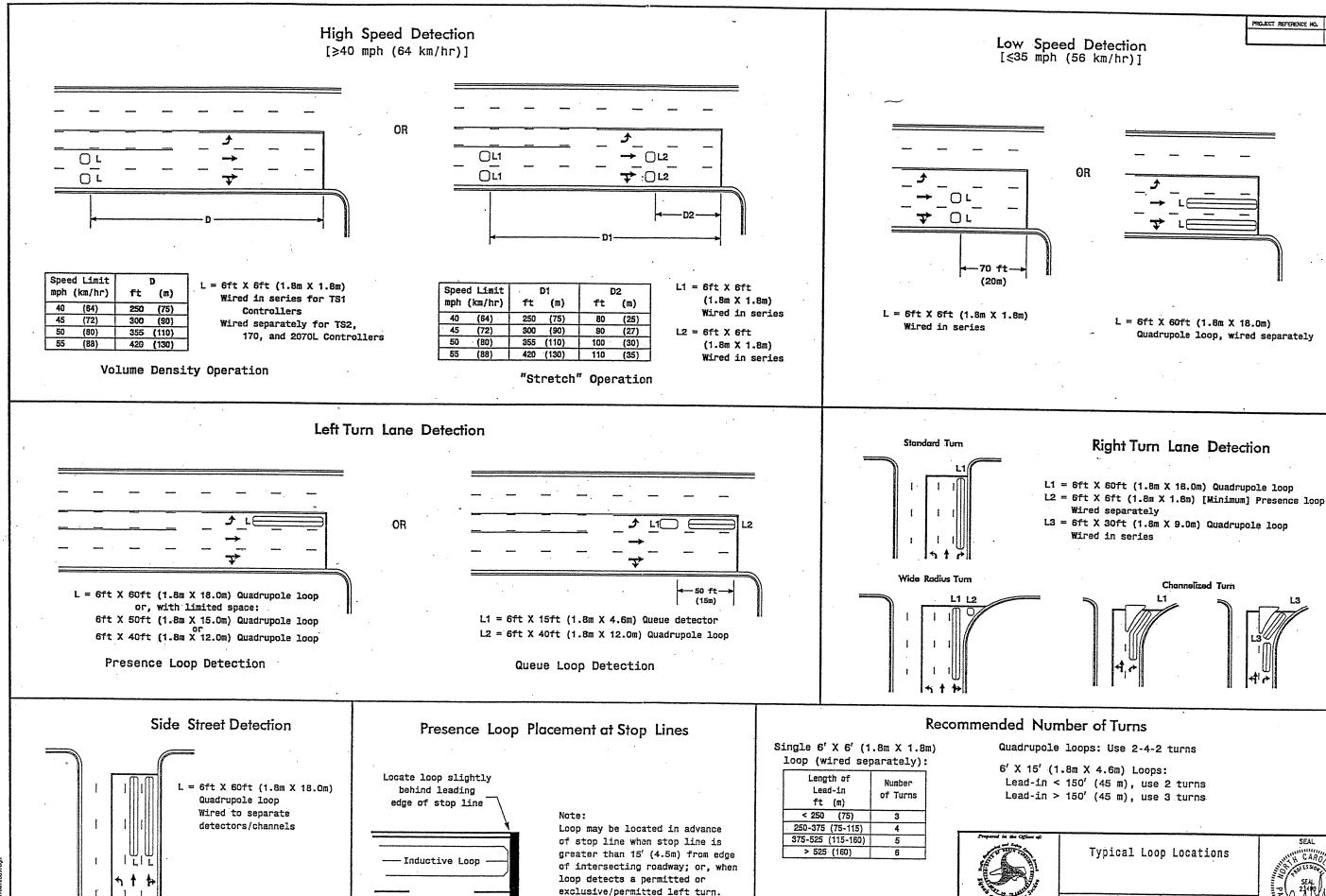


ADVANC	E WA	RNING	WOR	< ZONE
SIGNS	FOR	"MOVI	NG A	HEAD"

.E:	NONE	
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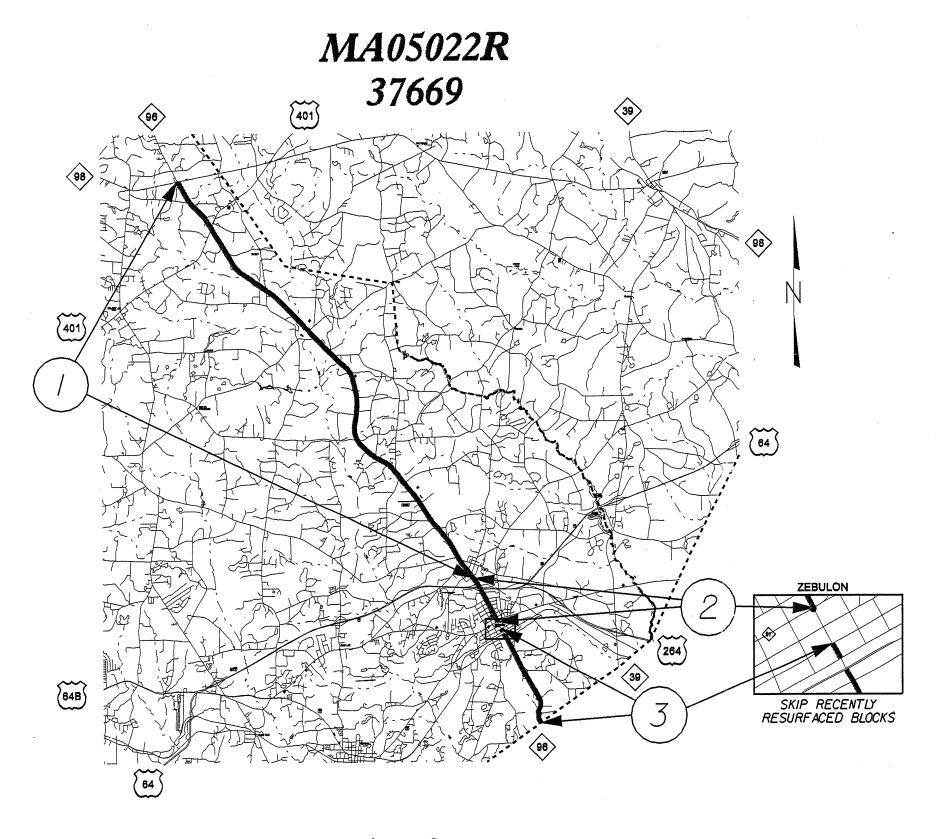
PROJECT REFERENCE NO. SHEET NO.

July 2003 REVIEWED BY: PREPARED BY: P L Alexander REVIEWED BY:

Actional St. Rainigh, NC 27

N/A

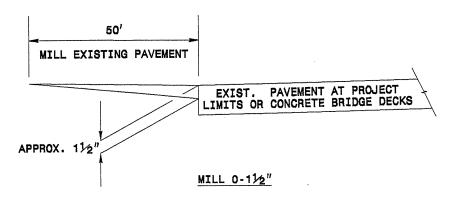
WBS ELEMENT	SHEET NO.	TOTAL SHEETS
37669	1	
STATE PROJ. NO),	4
MA05022R		

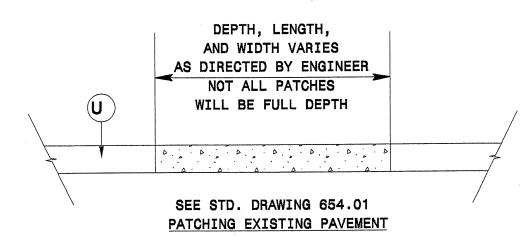


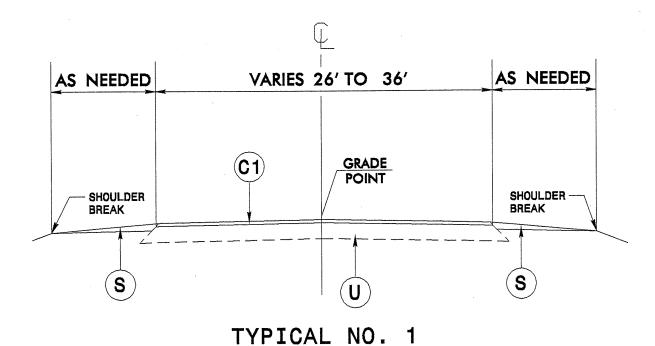
Wake County

NOTES

ALL UNPAVED S.R. 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.

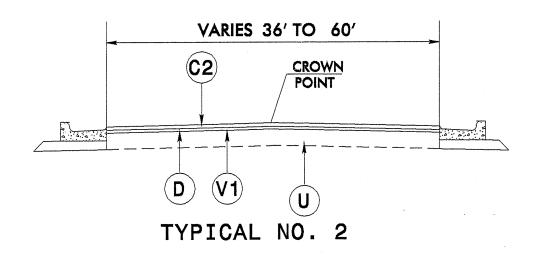


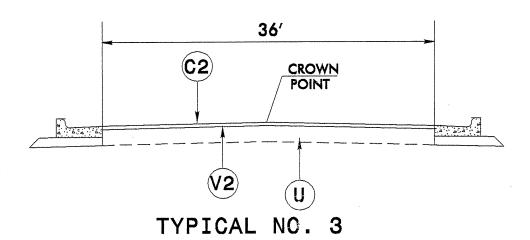


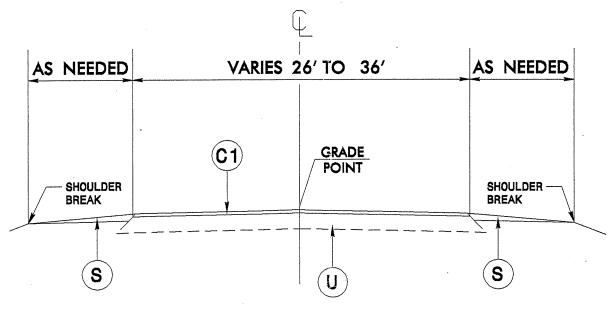


WBS ELEMENT		SHEET NO.	TOTAL SHEETS
37669		2	
STATE PROJ. NO.	F.,	A. PROJ. NO.	DESCRIPTION
MA05022R			*

	PAVEMENT SCHEDULE
C1	PROP. APPROX. 3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D	PROP. APPROX. 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.
V1	MILLING 3"
V2	MILLING 1.5"
S	SHOULDER RECONSTRUCTION.







TYPICAL NO. 4

3
NO. DESCRIPTION

WBS ELEMENT	SHEET NO.	TOTAL NO.
37669	4	
MA05022R		

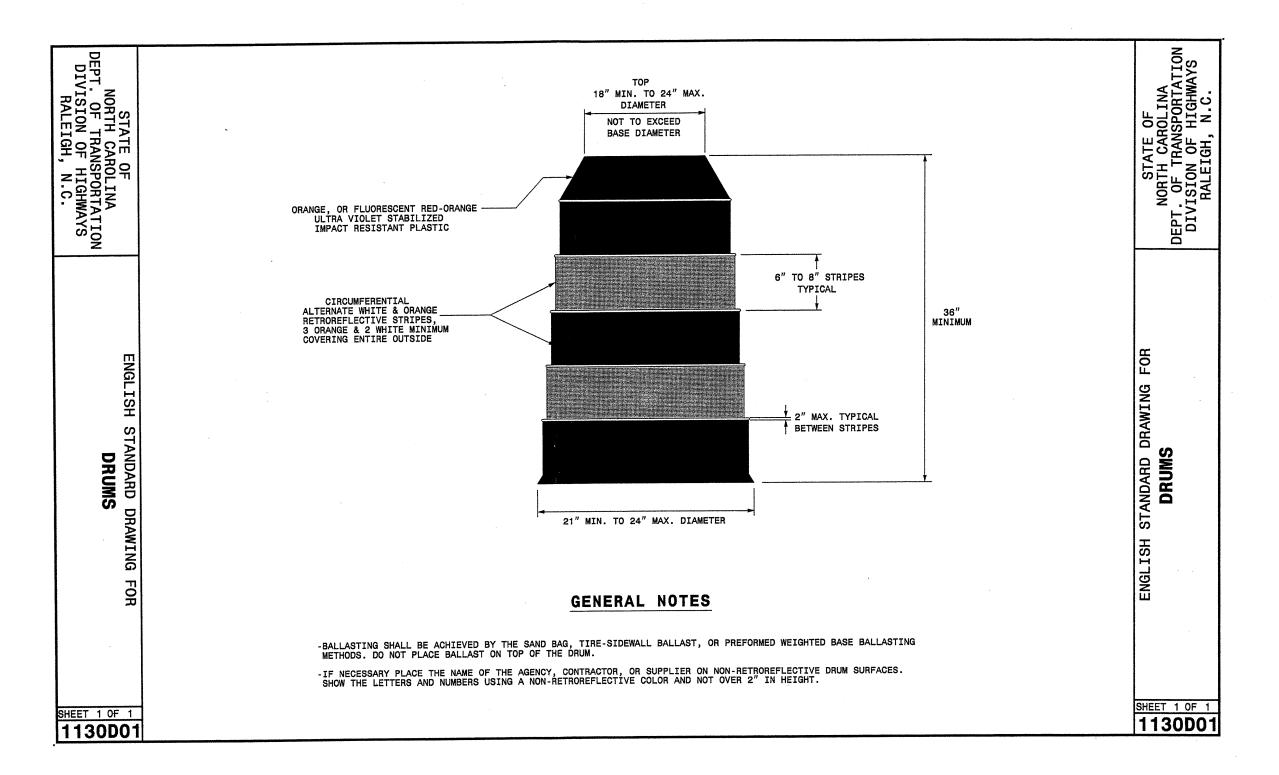
SUMMARY OF QUANTITIES

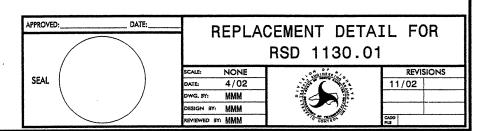
							141 141		<u> </u>										
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LENGTH	WIDTH		SHOULDER RECONSTR UCTION	3" MILLING	1½" MILLING	INCIDENTAL MILLING	INTERMEDI ATE COURSE,	SURFACE COURSE, S9.5B	PG 64-22 PLANT MIX	PATCHING EXISTING PAVEMENT	MANHOLES	METER OR VALVE BOX	
NO		NO			NO	МІ	FT	TONS	SMI	SY	SY	SY	119.0B TONS	TONS	TONS	TONS	EA	EA	AC
37669	Wake	1	NC 96	FROM NC 98 TO BEGIN C&G NORTH OF US 64	11	11	26	550	22			4,000		29,882	1,793	1,000			22.00
		2	NC 96	FROM BEGIN C&G NORTH OF US 64 TO JUST SOUTH OF NC 97	2	1	50			29,333			4,197	2,470	345		7	12	
	-	3	NC 96	FROM RR CROSSING IN ZEBULON TO JOHNSTON CO LINE	3, 4	1	28	30	1.8		3,733	1,000		1,455	87	75			1.00
TOTAL	FOR PRO	J NO. :	37669			13		580	23.8	29,333	3,733	5,000	4,197	33,807	2,225	1,075	77	12	23.00
	GRAND TO	OTAL.				13		580	23.8	29,333	3,733	5,000	4,197	33,807	2,225	1,075	7	12	23.00

THERMOPLASTIC AND PAINT QUANTITIES

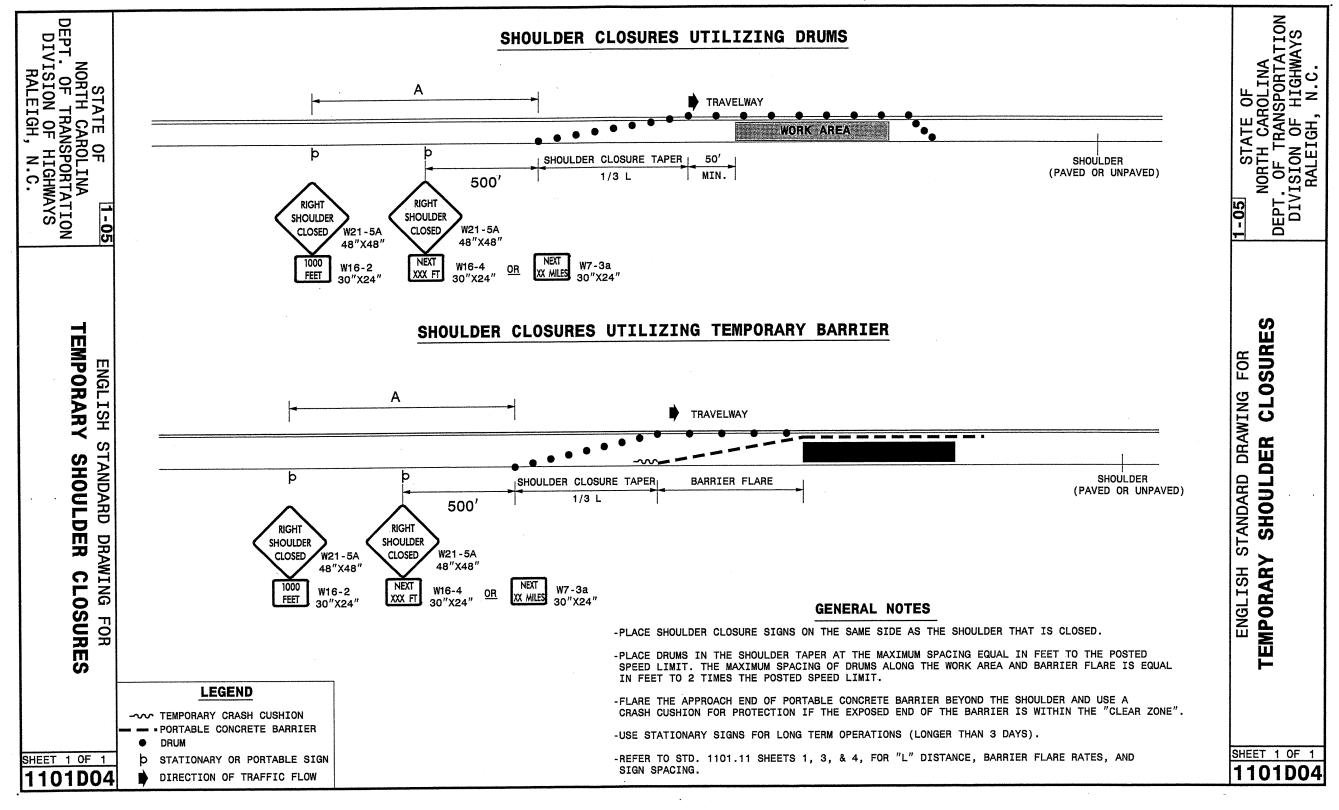
	T	I			4685000000-E	468600	0000-E	4705000000-E	4710000000-E	4721000000-E		4725000000-E		481000	0000-E	4900000000-N	4900000000-N
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	4" X 90 M	4" X 120 M	4" X 120 M	16" X 120 M	24" X 120 M	THERMO	THERMO	THERMO LT	THERMO	4" YELLOW	4" WHITE	YELLOW &	CRYSTAL &
' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '					WHITE	YELLOW	WHITE	WHITE	WHITE	RXR 120 M	STR & RT	ARROW	STR ARROW	PAINT	PAINT	YELLOW	RED MARKERS
		1			THERMO	THERMO	THERMO	THERMO	THERMO		ARROW 90	90 M	90 M			MARKERS	
											М						
NO		NO			LF	LF	LF	LF	LF	EA	EA ·	EA	EA	LF	LF	EA	EA
				FROM NC 98 TO BEGIN C&G													
37669	Wake	1	NC 96	NORTH OF US 64	118,360	116,160	300				4	4				726	30
				FROM BEGIN C&G NORTH OF US													
		2	NC 96	64 TO JUST SOUTH OF NC 97		13,200	2,500		60		4	30	15	13,200	2,500	132	100
				FROM RR CROSSING IN ZEBULON	1												
	l	3	NC 96	TO JOHNSTON CO LINE	10,760	10,560		100	75	2						66	
TOTAL	FOR DOO	LNO	27000		129,120	139,920	2,800	100	135	2	8	34	15	13,200	2,500	924	130
IOTAL	TOTAL FOR PROJ NO. 37669				142	,720	<u> </u>			<u> </u>	57		15,	700	1,	054	
	ODANID TO		-		129,120	139,920	2,800	100	135	2	8	34	15	13,200	2,500	924	130
l	GRAND TO	JIAL				142	,720					57		15,	700	1,	054

PROJ. REFERENCE NO. SHEET NO. 37669 TCP - 1

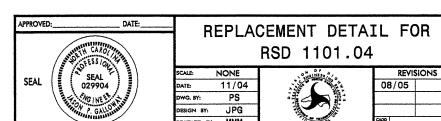


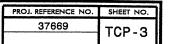


PROJ. REFERENCE NO. SHEET NO. 37669 TCP- 2



07-APR-2006 09:27 \\D01\DFSR00T0\\GR0UPS-WZTCCC AT WZTC206427





HIGHWAYS

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ETAIL

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WARNIN

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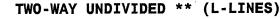
REVISIONS

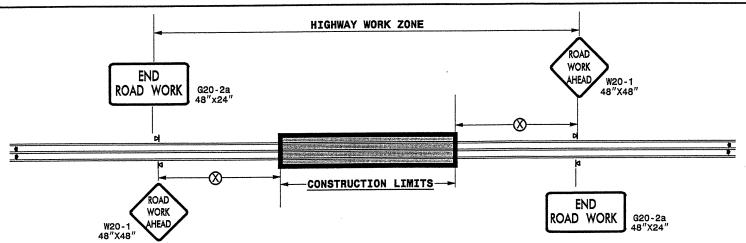
7-98 10/01

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

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RALEIGH,

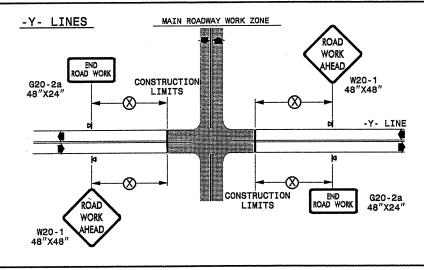




	RECOMMENDED MINIMUM SIGN SPACING
POSTED SPEED LIMIT (M.P.H.)	⊗
≤ 50	500′
≥ 55	1000′

TRANSPORTATION CAROLINA NORTH <u>P</u> P STATE DEPT

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

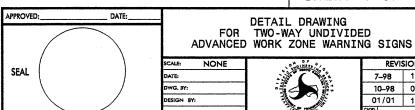


GENERAL NOTES

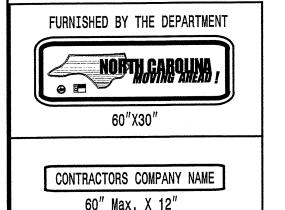
- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH 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.

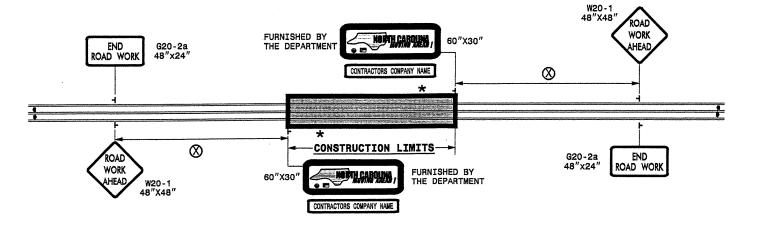
LEGEND PORTABLE SIGN ■ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1









	MINIMUM Sign Spacing
POSTED SPEED LIMIT (M.P.H.)	⊗
P.S.L. ≤ 50	350′
P.S.L. ≥ 55	500′

RECOMMENDED



THIS SIGN TO BE USED ON PROJECTS LONGER THAN 2 MILES THE NUMBER DISPLAYED ON THE SIGN IS TO BE A WHOLE NUMBER ROUNDED UP TO THE NEXT MILE

IT'S TO BE LOCATED 1,500 FEET INSIDE OF THE CONSTRUCTION LIMITS

PROJ. REFERENCE NO. SHEET NO. 37669 NCMA - 1

NCMA

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RALEIGH

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS

ADVANCE

FOR

DRAWING

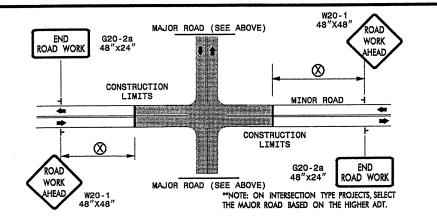
SIGNS

ONE

WORK

WARNING

INTERSECTIONS (-Y- LINES)



FREEWAYS/INTERSTATES

DUAL MOUNT "ROAD WORK AHEAD" SIGNS 1,000' IN ADVANCE OF PROJECT LIMITS

DUAL MOUNT "MOVING AHEAD" SIGNS 500' IN ADVANCE OF PROJECT LIMITS

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GENERAL NOTES

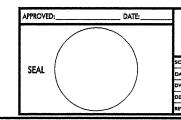
- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED. 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.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.

LEGEND

├ STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1



ADVANCE WARNING WORK ZONE SIGNS FOR "MOVING AHEAD"

NONE	, mainer
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	12/04	
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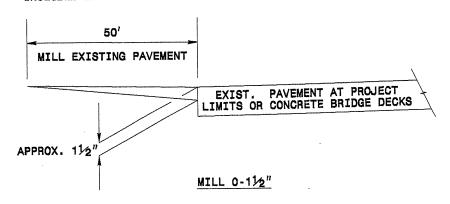
MA05025R 37671

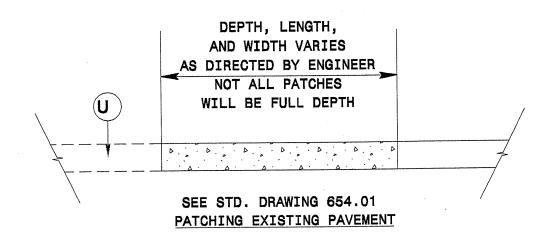
Franklin and Wake Counties

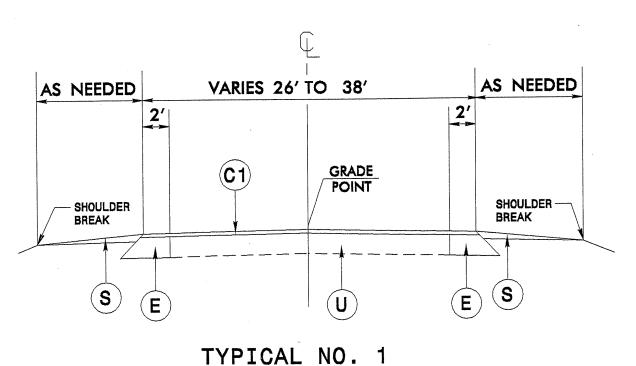
WBS ELEMENT	SHEET NO.	TOTAL SHEETS
37671	1	
MA05025R		

NOTES

ALL UNPAVED S.R. 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.

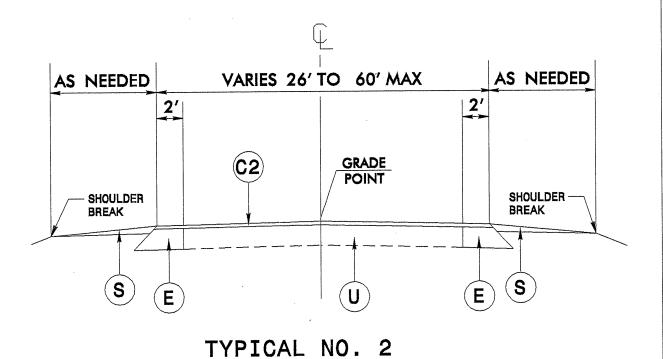






37671	2			
STATE PROJ. NO. F.A	. PROJ. NO.	DESCRIPTION		
MA05025R				

	PAVEMENT SCHEDULE
C1	PROP. APPROX. 3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
E	PROP. APPROX. 8.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
U	EXISTING PAVEMENT.
S	SHOULDER RECONSTRUCTION.



WBS ELEMENT	SHEET NO.	TOTAL NO.
37671	3	
MA05025R		

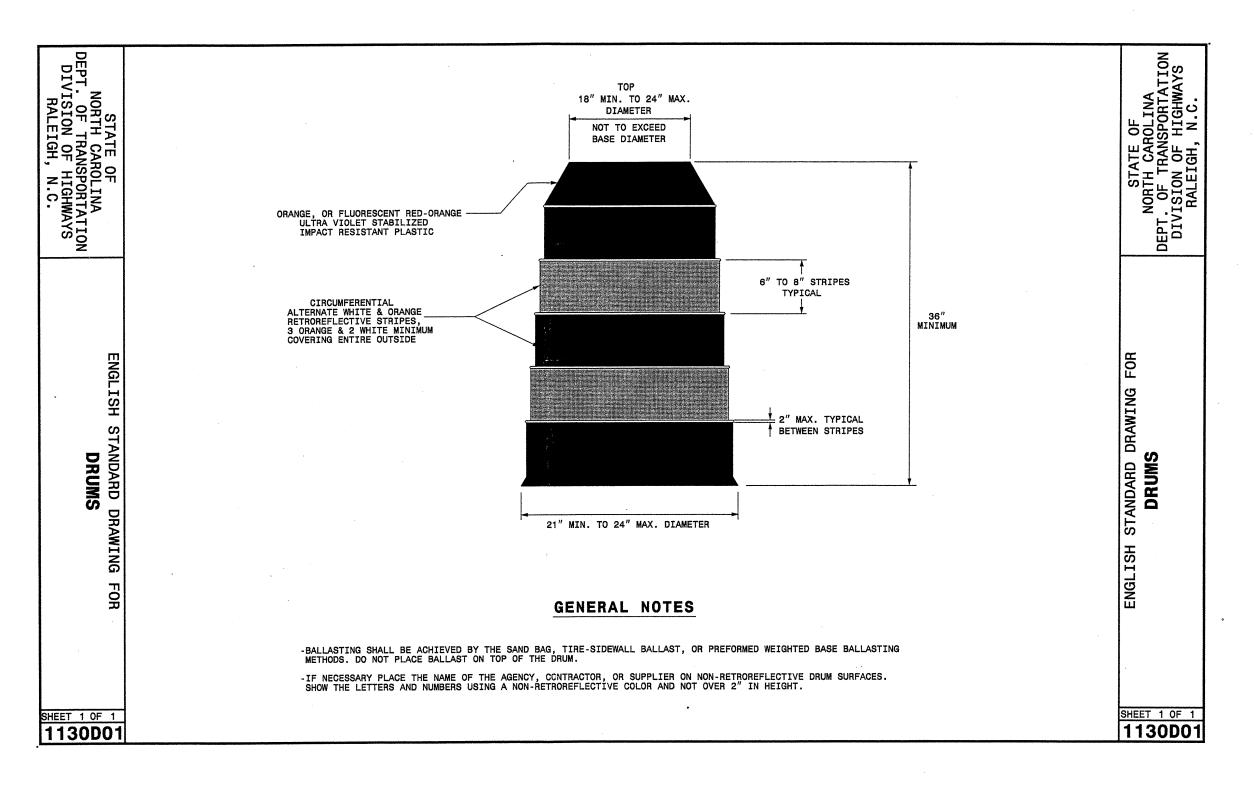
SUMMARY OF QUANTITIES

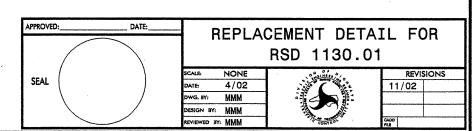
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LENGTH	WIDTH	INCIDENTAL	SHOULDER	INCIDENTAL	BASE	SURFACE	PG 64-22	PATCHING	GUARDRAIL	SEED &	INDUCTIVE
								STONE	RECONSTR	MILLING	COURSE,	COURSE,	PLANT MIX	EXISTING	ANCHOR	MULCHING	LOOP
		ļ	1					BASE	UCTION		B25.0B	S9.5B		PAVEMENT	UNIT - TYPE		
		1		<u>, </u>										l	350		
NO		NO		* 1	NO	MI	FT	TONS	SMI	SY	TONS	TONS	TONS	TONS	EA	AC	LF
		†		FROM 500' NORTH OF THE US 64	,												
	Franklin	1		RAMPS IN FRANKLIN COUNTY TO				1									
37671	Wake	1	NC 39	NC 97 IN WAKE COUNTY	1	2.25	26 - 38	113	4.5	1,600	3,090	6,403	517	900	9.00	3.38	1,200
				NC 97 TO JOHNSTON COUNTY													•
	Wake	2	NC 39	LINE	2	1.6	26 - 60	50	3.2	1,400	6,478	3,054	462	300	8.00	1.60	
TOTAL	FOR PRO	J NO.	37671			3.85		163	7.7	3,000	9,568	9,457	979	1,200	17.00	4.98	1,200
G	GRAND TO	OTAL				3.85		163	7.7	3,000	9,568	9,457	979	1,200	17.00	4.98	1,200

THERMOPLASTIC AND PAINT QUANTITIES

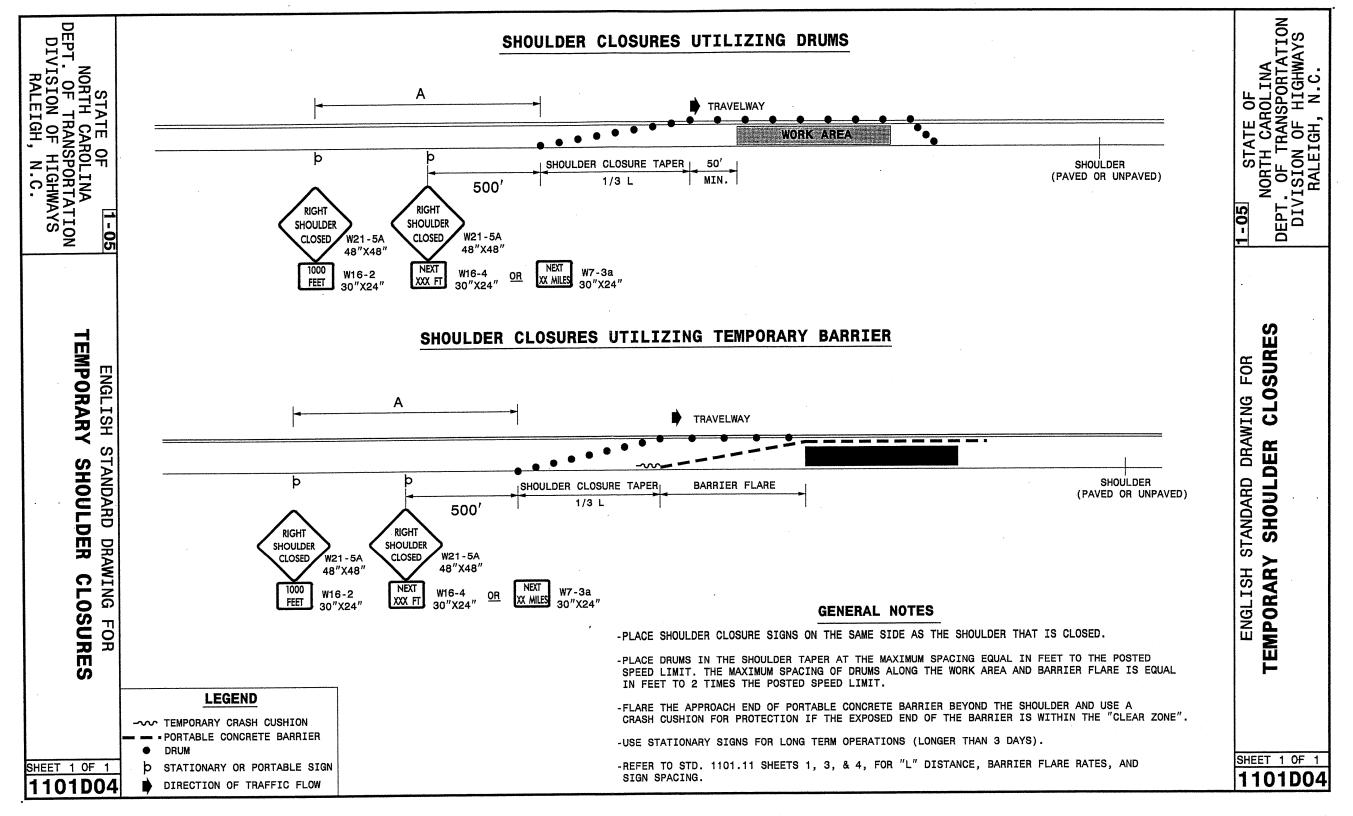
					4685000000-E	468600	0000-E	4695000000-E	4705000000-E	4710000000-E	472100	0000-E	472500	0000-E	4810000000-E	4900000000-N	4900000000-N
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	4" X 90 M	4" X 120 M	4" X 120 M	8" X 90 M	16" X 120 M	24" X 120 M	THERMO	THERMO	THERMO LT	THERMO RT	4" YELLOW	YELLOW &	CRYSTAL &
					WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	RXR 120 M	MSG ONLY	ARROW	ARROW	PAINT	YELLOW	RED
					THERMO	THERMO	THERMO	THERMO	THERMO	THERMO		120 M	90 M	90 M		MARKERS	MARKERS
NO		NO			LF	LF	LF	LF.	LF	LF	EA	EA	EA	EA	LF	EA	EA
				FROM 500' NORTH OF THE US 64													
	Franklin			RAMPS IN FRANKLIN COUNTY TO													
37671	Wake	1	NC 39	NC 97 IN WAKE COUNTY	24,210	23,760									47,520	149	
				NC 97 TO JOHNSTON COUNTY								_					
	Wake	2	NC 39	LINE	17,216	16,896	1,000	1,000	100	250	4	. 8	12	. 6		106	100
TOTAL		1.110	07074		41,426	40,656	1,000	1,000	100	250	4	8	12	6	47,520	255	100
IOIAL	FOR PRO	J NO.	3/6/1			41,	656	<u> </u>			1	2	1	8	<u> </u>	38	55
					41,426	40,656	1,000	1,000	100	250	4	8	12	6	47,520	255	100
1 '	SRAND TO	HAL				41,	656		<u> </u>		<u> </u>	2	1	8	<u> </u>	3!	55

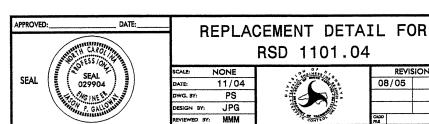
97671 TCP - 1



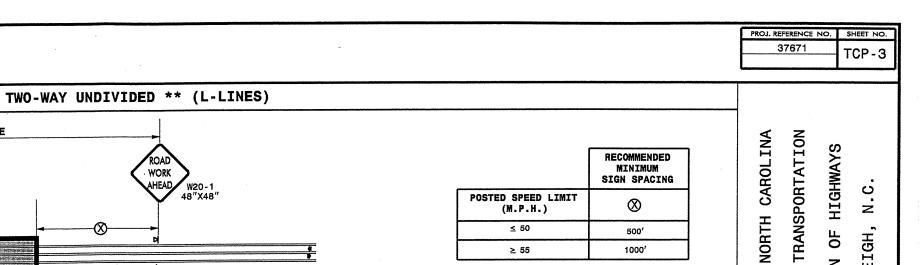


PROJ. REFERENCE NO. 37671 TCP- 2





REVISIONS 08/05

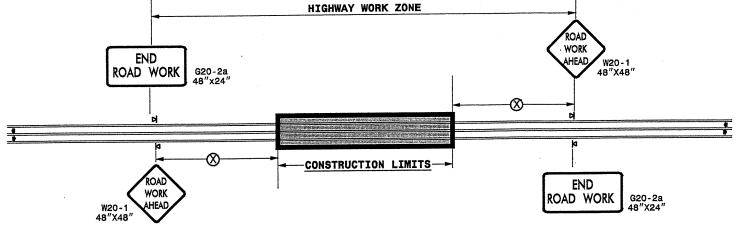


500'

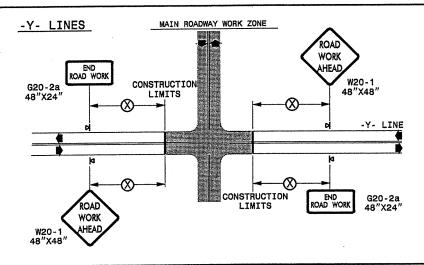
1000'

≤ 50

≥ 55



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.

LEGEND PORTABLE SIGN DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

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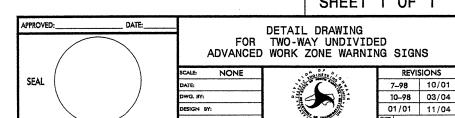
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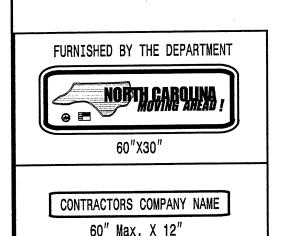
STATE

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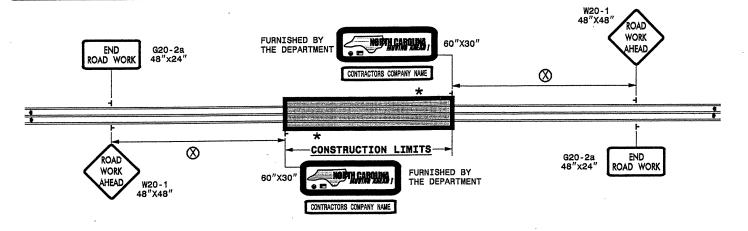
DEPT.

RALEIGH,





TWO LANE, TWO WAY WORK ZONE (L-LINES)



	MINIMUM Sign Spacing
POSTED SPEED LIMIT (M.P.H.)	⊗
P.S.L. ≤ 50	350′
P.S.L. ≥ 55	500′

RECOMMENDED



THIS SIGN TO BE USED ON PROJECTS LONGER THAN 2 MILES
THE NUMBER DISPLAYED ON THE SIGN IS TO BE A WHOLE
NUMBER ROUNDED UP TO THE NEXT MILE

IT'S TO BE LOCATED 1,500 FEET INSIDE OF THE CONSTRUCTION LIMITS

PROJ. REFERENCE NO. SHEET NO. 37671 NCMA - 1

EPT. OF TRANSPORTATION DIVISION OF HIGHWAYS

ADVANCE

FOR

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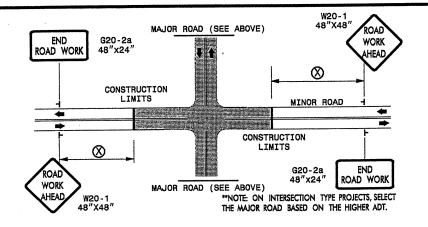
RALEIGH

NORTH CAROLINA

PF.

STATE

INTERSECTIONS (-Y- LINES)



FREEWAYS/INTERSTATES

DUAL MOUNT "ROAD WORK AHEAD" SIGNS 1,000' IN ADVANCE OF PROJECT LIMITS

DUAL MOUNT "MOVING AHEAD" SIGNS 500' IN ADVANCE OF PROJECT LIMITS

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GENERAL NOTES

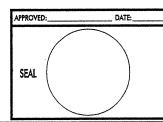
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LEGEND

- STATIONARY SIGN

■ DIRECTION OF TRAFFIC FLOW

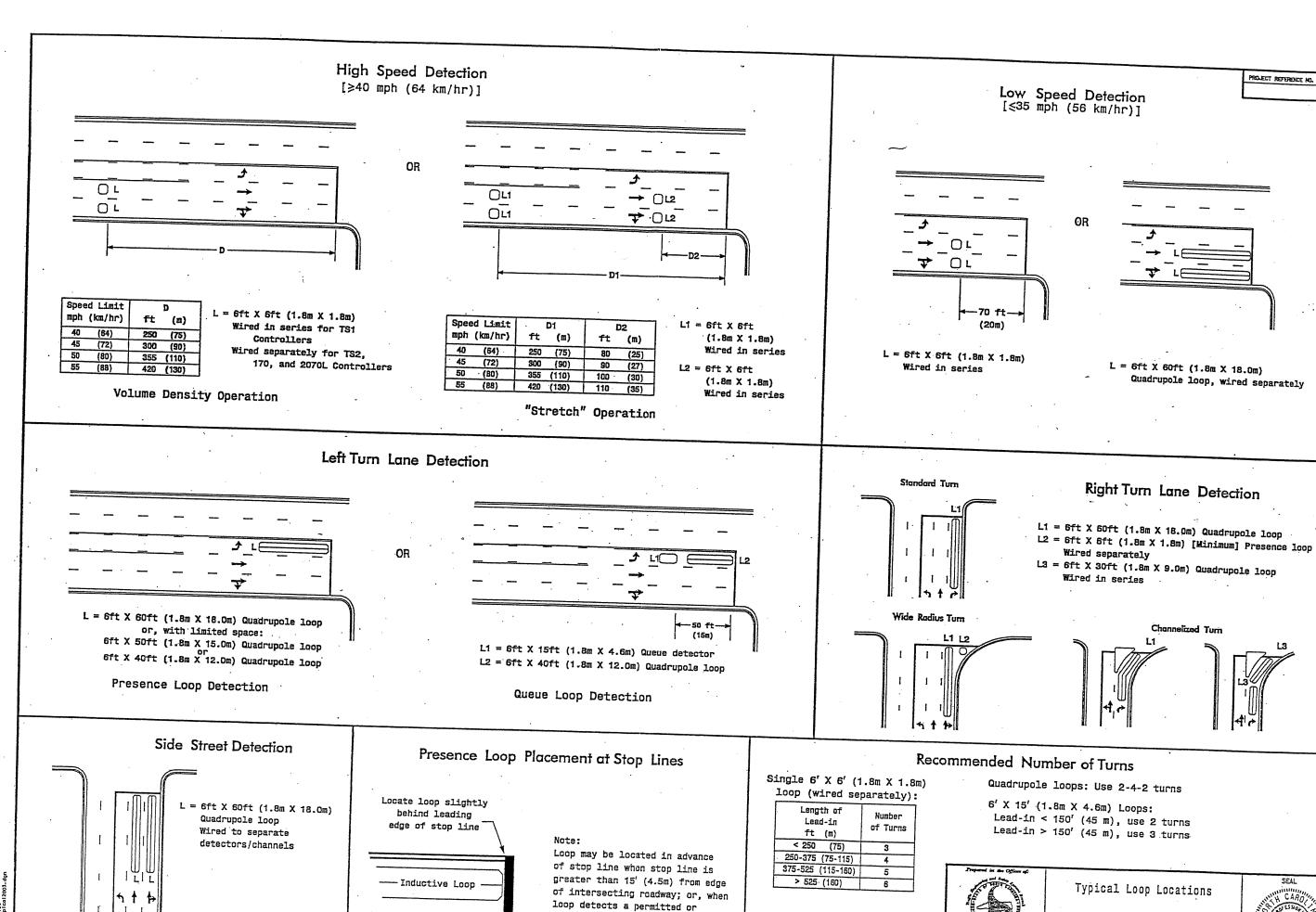
SHEET 1 OF 1



ADVANCE WARNING WORK ZONE SIGNS FOR "MOVING AHEAD"

CALE:	NONE	Г
ATE:	07/03	
WG. BY:	JSK	l
ESIGN BY:	JSK	l
EVIEWED BY	: SK	l

REVI	SIONS
11/04	
12/04	
CADO	



exclusive/permitted left turn.

PROJECT REFERENCE NO. SHEET NO.

July 2003 EYIEVED BY: PREPARED BY: P L Alexander REVIEWS BY: