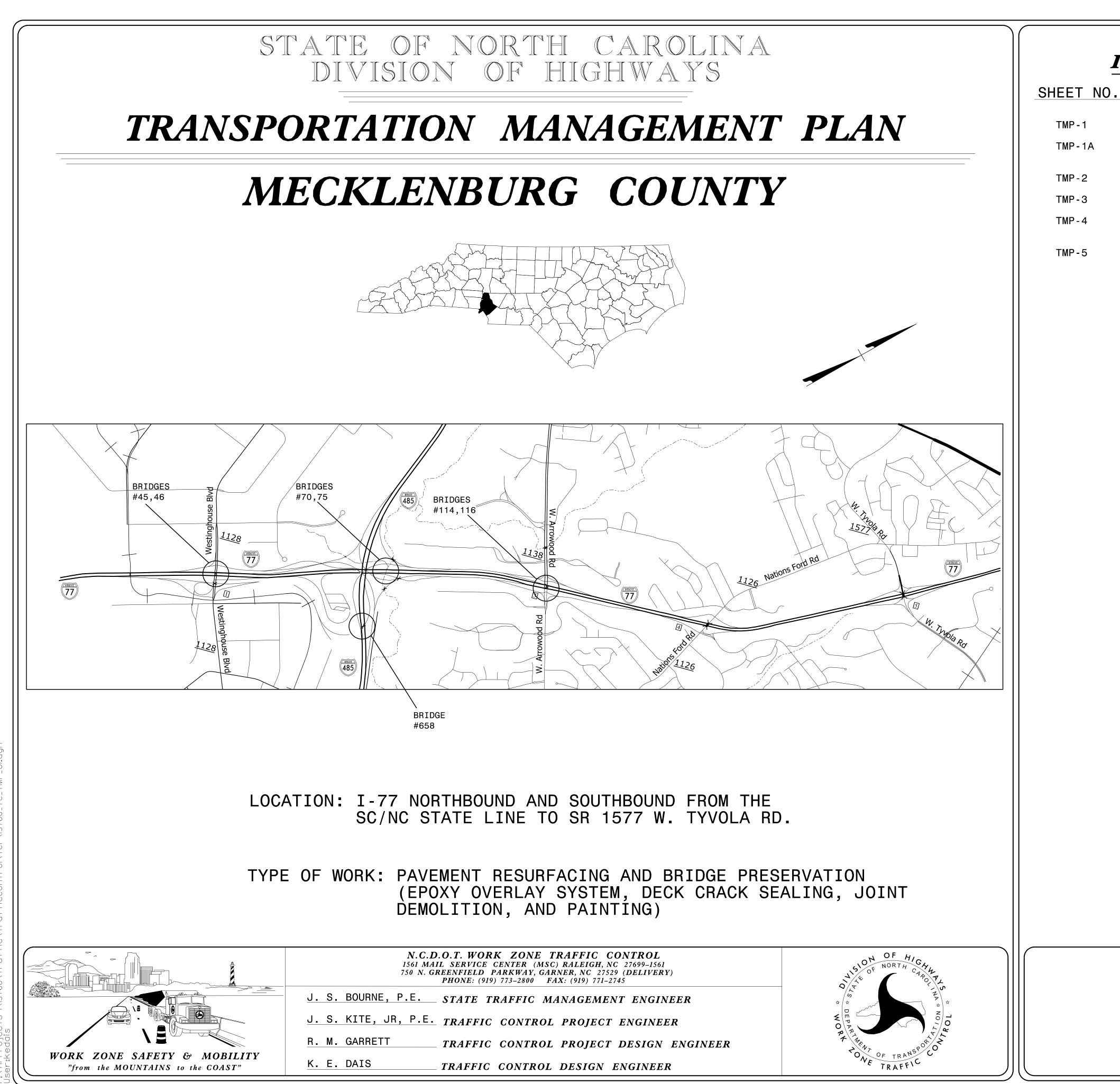
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INDEX	OF SHEETS	SHEET NO. TMP-1
).	TITLE	
LIST OF A MANAGEMEN GENERAL N OPERATION MAP OF RA RESURFACI	AL GUIDELINES AND PHASING MPS TO BE CLOSED DURING PAVEMENT NG M CLOSURE AND DETOUR OF INTERSTATE /	I-5768
	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	TIP PROJECT:

# ROADWAY STANDARD DRAWI

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRA PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEI DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENC ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.02	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINE
1170.01	POSITIVE PROTECTION
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGE
1205.12 1205.13	PAVEMENT MARKINGS - BRIDGES PAVEMENT MARKINGS - LANE REDUCTIONS
1250.01	RAISED PAVEMENT MARKINGS - LANE REDUCTIONS RAISED PAVEMENT MARKERS - INSTALLATION SPACI
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMP
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLA
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AN

# MANAGEMENT STRATEGIES

THIS PROJECT WILL RESURFACE APPROXIMATELY 5 MILES OF INTERSTATE 7 NORTHBOUND AND SOUTHBOUND DIRECTIONS AND REHABILITATE 7 BRIDGES W PROJECT LIMITS. ALSO, BRIDGE BEAM ENDS WILL BE PAINTED, AFFECTING ON ROADWAYS UNDERNEATH I-77.

FOR THE BRIDGE DECK REHABILITATIONS TRAFFIC WILL BE MAINTAINED BY TEMPORARY SHORT TERM LANE CLOSURES. FOR BRIDGE BEAM PAINTING WORK REQUIRING THE CONTRACTOR TO ACCESS THE BRIDGE FROM UNDERNEATH, TH WILL BE MAINTAINED ON -Y- LINES BY TEMPORARY SHORT TERM LANE CLOS AND/OR FLAGGERS.

DURING PAVEMENT RESURFACING TRAFFIC WILL BE MAINTAINED BY TEMPORATERM LANE CLOSURES.

TIME RESTRICTIONS WILL BE USED TO LIMIT THE AMOUNT OF DRIVER DELA LANE CLOSURES.

TIPProjects-INI5768\Traffic\TrafficControl\TCPNI5768\_TC\_TMP\_0IA.dgn .r:kedais

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AWINGS" - IGH, N.C., CE HEREBY	GENERAL DIRECTION OF TRAFFIC NORTH ARROW WORK AREA	FLOW	
	SIGNALS O P O R T		
EATION			
ROADWAYS S			
ES			
ING PORARY ATION SPACING ND MOUNTING		TEMPOR	ARY PAVEMENT MAF
		<u>4" PAI</u>	NT
		PA PB PC	WHITE EDGELINE YELLOW EDGELIN 10 FT. WHITE S
		<u>4" COL</u>	D APPLIED PLASTI
77 IN THE WITHIN THE G TRAFFIC Y K RAFFIC SURES		CA CB CC	WHITE EDGELINE YELLOW EDGELINE 10 FT. WHITE SK
ARY SHORT			
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		PROJ. REFERENCE NO.	SHEET NO.
		I-5768	TMP-1A
TRAFFIC	CONTROL DEVICES		
BAR	RICADE (TYPE III)		
CON	E		
DRU	M 🔘 SKINNY DRUM		
	PORARY CRASH CUSHION		
	SHING ARROW BOARD		
FLA	GGER		
	ENFORCEMENT		
	CK MOUNTED ATTENUATOR (TM	IA)	
СНА	NGEABLE MESSAGE SIGN		
TEMPORAR	Y SIGNING		
	SIGN		
- STATIONA	RY SIGN		
	RY OR PORTABLE SIGN		
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PAVEMENT MARKING SYMBOLS

RKING

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IC - TYPE IV REMOVABLE TAPE

E KIP



ROADWAY STANDARD DRAWINGS, MANAGEMENT STRATEGIES & LEGEND

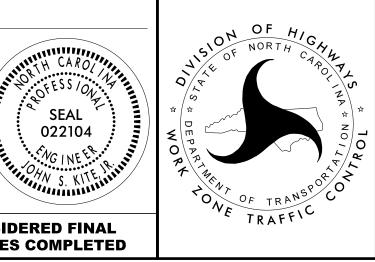
	GENER	RAL NOTES	
DRA TO OVE SUP	WINGS, STANDARD DETAILS, A MEET FIELD CONDITIONS OR F RLAPPING OF DEVICES. MODI	PHYSICAL DIMENSIONS IN THE DETAIL AND ROADWAY DETAILS ARE NOT ATTAIN RESULT IN DUPLICATE OR UNDESIRED IFICATION MAY INCLUDE: MOVING, REMOVAL OF DEVICES AS DIRECTED BY	IABLE
THE		APPLY AT ALL TIMES FOR THE DURATIO EPT WHEN OTHERWISE NOTED IN THE PL	
TIME RE	STRICTIONS		
A) DO NO	T CLOSE OR NARROW TRAVEL L	ANES AS FOLLOWS:	
ROAD	NAME	DAY AND TIME RESTRICTIONS	<u> </u>
I-77	(MAINLINE AND RAMPS)	6:00 AM - 9:00 PM (MONDAY - FR 8:00 AM - 8:00 PM (SATURDAY AND	
	128 (WESTINGHOUSE BLVD.) 138 (ARROWOOD RD.)	8:00 AM - 8:00 PM MONDAY - FRIDAY	
•	T CLOSE OR NARROW TRAVEL L S AS FOLLOWS:	ANES DURING HOLIDAYS AND SPECIAL	
ROAD	NAME		
I-77	(MAINLINE AND RAMPS)		
HOLID	AY		
1.	FOR ANY UNEXPECTED OCCURF VOLUMES, AS DIRECTED BY T	RENCE THAT CREATES UNLLY HIGH TRAF	FIC
2.	TO 9:00 P.M. JANUARY 2ND.	HE HOURS OF 6:00 A.M. DECEMBER 31s IF NEW YEAR'S DAY IS ON A FRIDAY DAY THEN UNTIL 9:00 P.M. THE FOLLO	,
3.	FOR EASTER, BETWEEN THE F 9:00 P.M. MONDAY.	OURS OF 6:00 A.M. THURSDAY AND	
4.	FOR MEMORIAL DAY, BETWEEN 9:00 P.M. TUESDAY.	N THE HOURS OF 6:00 A.M. FRIDAY TO	)
5.		WEEN THE HOURS OF 6:00 A.M. THE DAY AND 9:00 P.M. THE DAY AFTER	
		N A FRIDAY, SATURDAY, SUNDAY OR MO F 6:00 A.M. THE THURSDAY BEFORE D P.M. THE TUESDAY AFTER	)NDAY
6.	FOR LABOR DAY, BETWEEN TH 9:00 P.M. TUESDAY.	HE HOURS OF 6:00 A.M. FRIDAY AND	
7.	FOR THANKSGIVING DAY, BET 9:00 P.M. MONDAY.	WEEN THE HOURS OF 6:00 A.M. TUESD	DAY T
8.	-	HE HOURS OF 6:00 A.M. THE FRIDAY MAS DAY AND 9:00 P.M. THE FOLLOWI F CHRISTMAS.	NG
9.	BASKETBALL AT THE TIME WA	THE BANK OF AMERICA STADIUM OR ARNER CABLE ARENA, FROM THREE (3) FIL THREE (3) HOURS AFTER THE GAME	Ξ.
C) D0	NOT CLOSE ROADS AS FOLLOWS	3:	
RC	AD NAME	DAY AND TIME RESTRIC	<u>CTI0</u>
_	77 (RAMPS)	MONDAY - SUNDA	V

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NERAL NOTES		PROJ. REFERENCE NO. SHE I-5768 TM
WHEN PHYSICAL DIMENSIONS IN THE DETAIL ALS, AND ROADWAY DETAILS ARE NOT ATTAINABLE IS OR RESULT IN DUPLICATE OR UNDESIRED MODIFICATION MAY INCLUDE: MOVING,	D) DO NOT STOP TRAFFIC AS FOLLOWS:           ROAD NAME         DAY AND TIME RESTRICTIONS	P) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.
, OR REMOVAL OF DEVICES AS DIRECTED BY THE	I-77 (MAINLINE AND RAMPS), SR 1128, ANYTIME SR 1138	PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
DTES APPLY AT ALL TIMES FOR THE DURATION OF F EXCEPT WHEN OTHERWISE NOTED IN THE PLAN NEER.	E) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.	Q) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.
	LANE AND SHOULDER CLOSURE REQUIREMENTS	COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
EL LANES AS FOLLOWS: <u>DAY AND TIME RESTRICTIONS</u>	F) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.	R) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
6:00 AM - 9:00 PM (MONDAY - FRIDAY) 8:00 AM - 8:00 PM (SATURDAY AND SUNDAY)	OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY	S) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.
0.) 8:00 AM - 8:00 PM	BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.	TRAFFIC CONTROL DEVICES
MONDAY - FRIDAY	H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.	T) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS) AND 1180 (SKINNY
	WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY	<ul> <li>U) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.</li> </ul>
CCURRENCE THAT CREATES UNLLY HIGH TRAFFIC BY THE ENGINEER.	<ul> <li>BARRIER OR GUARDRAIL.</li> <li>I) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO</li> </ul>	V) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.
EN THE HOURS OF 6:00 A.M. DECEMBER 31st 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY,	THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.	PAVEMENT MARKINGS AND MARKERS
MONDAY THEN UNTIL 9:00 P.M. THE FOLLOWING	J) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED	W) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:
THE HOURS OF 6:00 A.M. THURSDAY AND	WITH GUARDRAIL OR BARRIER.	ROAD NAME MARKING MARKER
WEEN THE HOURS OF 6:00 A.M. FRIDAY TO	K) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON I-77.	I-77 (MAINLINE AND RAMPS) PAINT TEMPORARY RAISED I-77 (BRIDGE DECKS) COLD APPLIED PLASTIC TEMPORARY RAISED TYPE IV-REMOVABLE TAPE
BETWEEN THE HOURS OF 6:00 A.M. THE	PAVEMENT EDGE DROP OFF REQUIREMENTS	X) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS.
CE DAY AND 9:00 P.M. THE DAY AFTER	L) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:	PLACE ONE AFFEIGATION OF FAINT FOR TEMPORART TRAFFIC FATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
S ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY S OF 6:00 A.M. THE THURSDAY BEFORE 9:00 P.M. THE TUESDAY AFTER	BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.	Y) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
N THE HOURS OF 6:00 A.M. FRIDAY AND	BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.	Z) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO	BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.	MISCELLANEOUS AA) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK
N THE HOURS OF 6:00 A.M. THE FRIDAY RISTMAS DAY AND 9:00 P.M. THE FOLLOWING K OF CHRISTMAS.	M) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.	,
AT THE BANK OF AMERICA STADIUM OR E WARNER CABLE ARENA, FROM THREE (3)	TRAFFIC PATTERN ALTERATIONS	
E UNTIL THREE (3) HOURS AFTER THE GAME.	N) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.	E27CE30E1DFC442
DAY AND TIME RESTRICTIONS	SIGNING DATE:	CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE SS / OF THE
MONDAY - SUNDAY 6:00 AM - 11:00 PM	O) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.	GENERAL NOTES

40	FT FR	OM THE	EDO	GE OF	TRAVEL	LANE	AND	NO	MORE	THAN	ΤH
(3)	DAYS	PRIOR	то	THE	BEGINNI	NG OF	CONS	STRI	JCTIO	۱.	

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# I-77 RESURFACING / PAVING OPERATIONAL GUIDELINES

FOR ANY RESURFACING / PAVING OPERATIONS PERFORMED OUTSIDE OF ANY ESTABLISHED LANE CLOSURE, THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH DIVISIONS 10. 11. AND 12 OF THE 2012 STANDARD SPECIFICATIONS, TMP-4, TMP-5, AND THE FOLLOWING PROVISIONS:

1) PAVING LIFT REQUIREMENTS AND TIME LIMITATIONS

FOR PAVING LIFTS 2.0" OR LESS, BRING ALL NEWLY RESURFACED LANES TO THE SAME STATION AND ELEVATION WITHIN 24 HOURS. IF NOT BROUGHT UP TO THE SAME STATION AND ELEVATION WITHIN 24 HOURS, THE CONTRACTOR SHALL PLACE PORTABLE "UNEVEN PAVEMENT" SIGNS IN ADVANCE OF THE UNEVEN PAVEMENT AND SPACED EVERY  $\frac{1}{2}$  MILE ALONG THE SECTION OF UNEVEN PAVEMENT. ONCE MITIGATED, ALL PORTABLE "UNEVEN PAVEMENT" SIGNS SHALL BE REMOVED. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THESE SIGNS.

FOR PAVING LIFTS GREATER THAN 2.0", BRING ALL NEWLY RESURFACED LANES TO THE SAME STATION AND ELEVATION BY THE END OF EACH WORK DAY UNLESS THE CONTRACTOR UTILIZES THE NOTCHED WEDGE PAVING METHODS AS DESCRIBED BELOW.

FAILURE TO COMPLY WITH THE FOLLOWING REQUIREMENTS WILL RESULT IN A SUSPENSION OF ALL OTHER OPERATIONS UNTIL ALL LANES OF TRAFFIC ARE BROUGHT TO THE SAME STATION AND ELEVATION:

- A. DURING PAVING OPERATIONS, ANY PAVING LIFT GREATER THAN 2.0" FOR ASPHALT SURFACE COURSE MIXES SHALL BE MITIGATED BY HAVING AN APPROVED WEDGE APPARATUS ON THE PAVER THAT SHAPES THE EDGE 1.0" VERTICALLY AND THE REMAINING AT A MAXIMUM SLOPE STEEPNESS OF 2:1. FOR INTERMEDIATE AND BASE COURSE MIXES, USE AN APPROVED WEDGE DEVICE THAT SHAPES THE EDGE WITH A MAXIMUM SLOPE STEEPNESS OF 2:1. THE MAXIMUM PAVING LIFT ALLOWED TO USE THIS METHOD IS 3.0".
- B. AT THE END OF THE WORK DAY, THE CONTRACTOR SHALL PLACE PORTABLE "UNEVEN PAVEMENT" SIGNS IN ADVANCE OF THE UNEVEN PAVEMENT AND SPACED EVERY  $\frac{1}{2}$  MILE ALONG THE SECTION OF UNEVEN PAVEMENT. ONCE MITIGATED, ALL PORTABLE "UNEVEN PAVEMENT" SIGNS SHALL BE REMOVED. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THESE SIGNS.
- C. IN THE NEXT DAY'S PAVING OPERATION AND NOT EXCEEDING 24 HOURS, THE CONTRACTOR SHALL BRING THE ADJACENT LANE TO THE SAME STATION AND ELEVATION BEFORE ANY FURTHER PAVING TAKES PLACE ON THE PROJECT.
- 2) PROJECT REQUIREMENTS

FAILURE TO COMPLY WITH THE FOLLOWING REQUIREMENTS WILL RESULT IN A SUSPENSION OF ALL OTHER OPERATIONS:

- 1. CONTRACTOR SHALL MILL AND PAVE LANES IN AN ORDER SUCH THAT WATER WILL NOT ACCUMULATE.
- 2. TRAFFIC CONTROL FOR THE MILLING AND/OR PAVING OF RAMPS SHALL BE DONE ACCORDING TO ROADWAY STANDARD DRAWING 1101.02, SHEETS 9 & 10 UNLESS OTHERWISE APPROVED TO BE CLOSED BY THE ENGINEER. IF APPROVED, CONTRACTOR WILL PROVIDE PLANS AND DEVICES FOR THE DETOUR AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 3. IF MILLED AREAS ARE NOT PAVED BACK WITHIN 24 HOURS, THE CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING PORTABLE SIGNS TO WARN DRIVERS OF THE CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO, "ROUGH ROAD" (W8-8), "UNEVEN LANES" (W8-11), AND "GROOVED PAVEMENT" (W8-15) WITH A MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DUAL INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK.

\*\* RSD DENOTES NCDOT 2012 ROADWAY

# PHASING

STEP 1:

USING RSD 1101.01, SHEET 1 OF 3 ON I-77 NORTHBOUND AND SOUTHBOL

STEP 2:

USING RSD 1101.02, SHEETS 4, 8,

COMPLETE PAVEMENT REHABILIT FINAL LAYER OF SURFACE COURS CLOSURE. REFER TO TMP-4 AND RAMPS ONE AT A TIME, COMPLE

I-77 AT SR 1138 (ARROWOOD R I-77 AT SR 1164 (NATIONS FO I-77 AT SR 1164 (NATIONS FO

PLACE TEMPORARY PAVEMENT MA END OF THE DAY'S OPERATION.

COMPLETE SURFACE DECK PREPA 70, 75 114, 116, AND 658 (I APPLIED PLASTIC PAVEMENT MA **OPERATION. SEE INTERMEDIATE** 

COMPLETE BRIDGE DECK JOINT

USE STD 1101.02, SHEET 3 ANI 1128 (WESTINGHOUSE BLVD.) T 46, 114, AND 116.

USE STD 1101.02, SHEETS 4 A PAINTING WORK ON BRIDGE 658

STEP 3:

USING RSD 1101.02, SHEETS 4 SURFACE COURSE.

STEP 4:

USING RSD 1101.02, SHEET 4 PAVEMENT MARKINGS AND FINAL ON I-77 MAINLINE AND RAMPS.

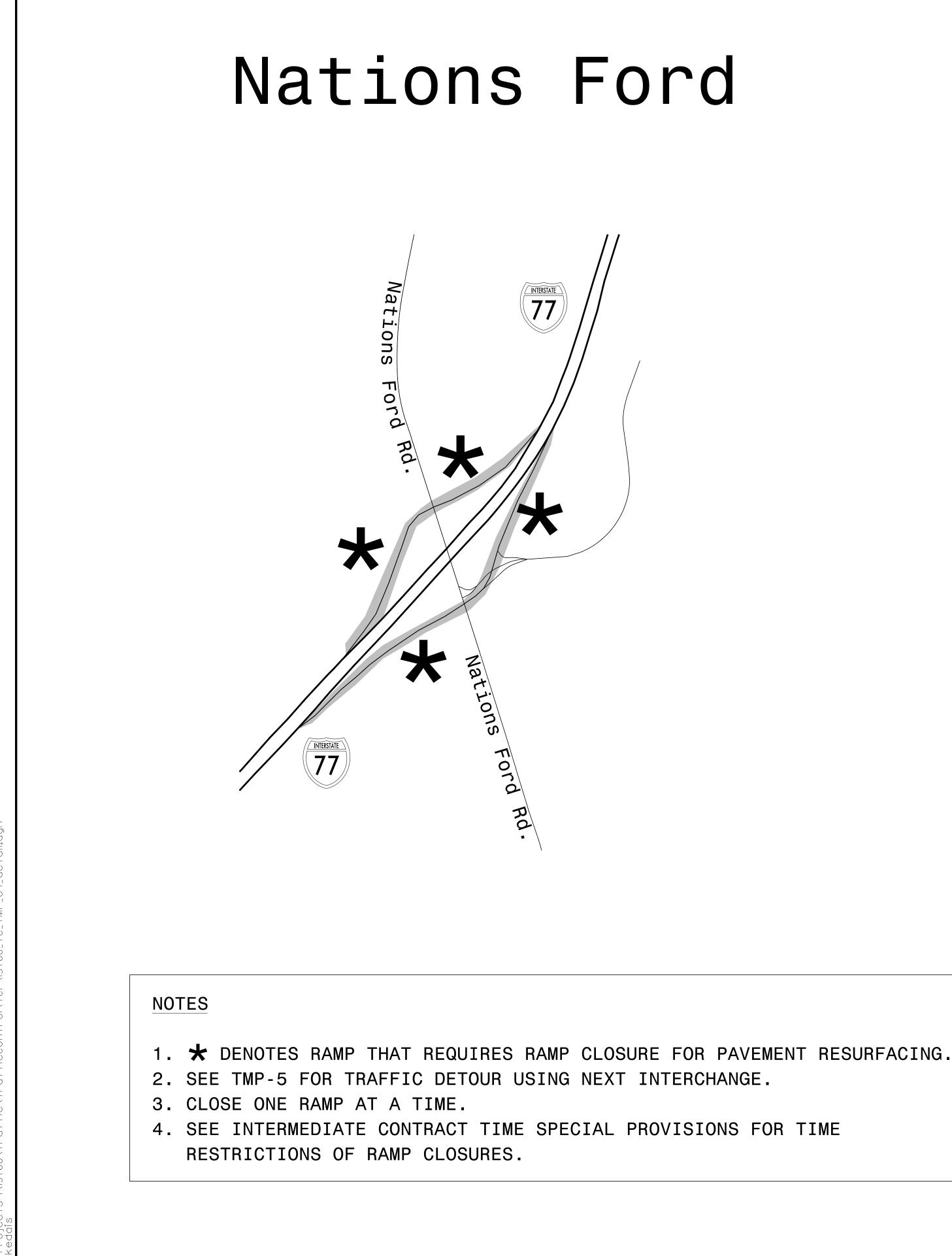
STEP 5: REMOVE ALL TEMPORARY TRAFFI

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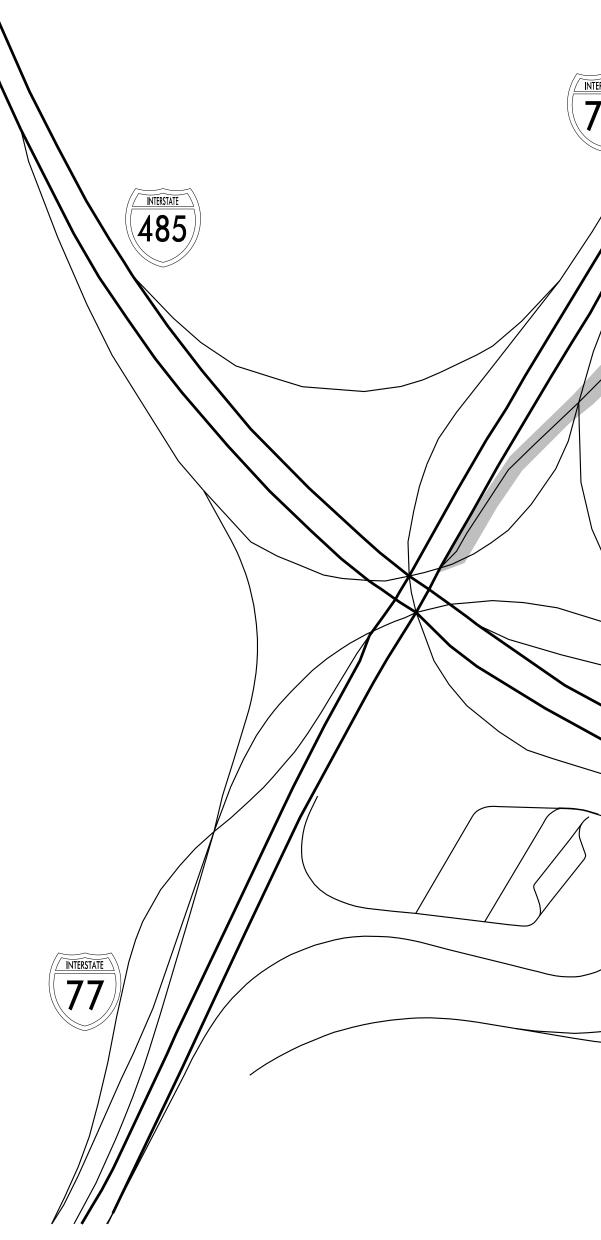
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	I-5768	TMP-3
STANDARD DRAWINGS		
3, INSTALL WORK ZONE ADVANCE WARNING SIG	NS	
UND.		
, 9 & 10 OF 15:		
ATION ON I-77 UP TO, BUT NOT INCLUDING,	THE	
SE. FOR THE RAMPS THAT REQUIRE COMPLETE		
TMP-5 AND INTERMEDIATE CONTRACT TIMES. TE THE PAVEMENT REHABILITATION FOR:	GLUSING	
ND.) OFF RAMP ORD RD.) ON RAMPS		
ORD RD.) OFF RAMPS		
RKINGS ON ALL NEWLY RESURFACED PAVEMENT	BY THE	
RATION AND EPOXY OVERLAY ON BRIDGES NO.	45. 46.	
-77 N RAMP TO I-485). INSTALL TEMPORARY	COLD	
RKINGS ON BRIDGE DECKS BY THE END OF THE CONTRACT TIMES.	E DAY'S	
REPAIRS.		
ID 7 OF 15, ON SR 1138 (W. ARROWOOD RD.)		
O COMPLETE BRIDGE PAINTING WORK ON BRIDG	θES 45,	
ND 8 OF 15, ON I-485 TO COMPLETE BRIDGE		
).		
, 8, 9, & 10 OF 15, COMPLETE FINAL LAYEF	R OF	
& 13 OF 15, AS NECESSARY, INSTALL FINAL . PAVEMENT MARKERS IN THE FINAL TRAFFIC F	PATTERN	
C CONTROL DEVICES.		

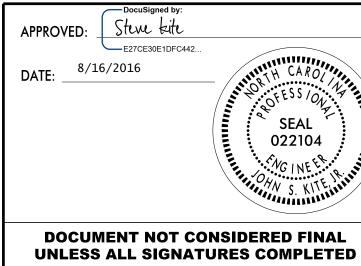


OPERATIONAL GUIDELINES AND PHASING



# I - 485





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RED FINAL COMPLETED	BE	P OF RAMPS T CLOSED DURI ENT RESURFA	NG

