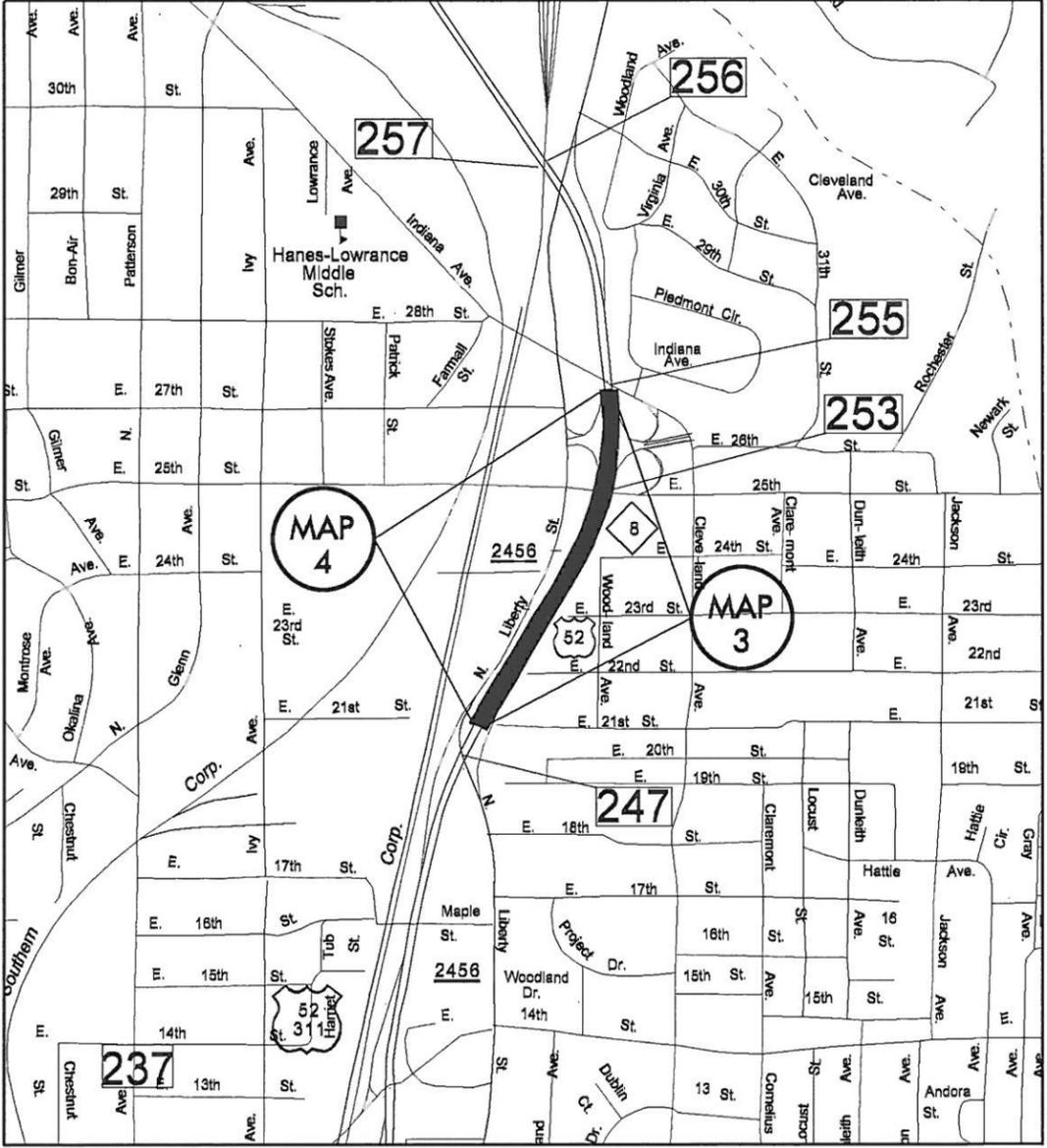


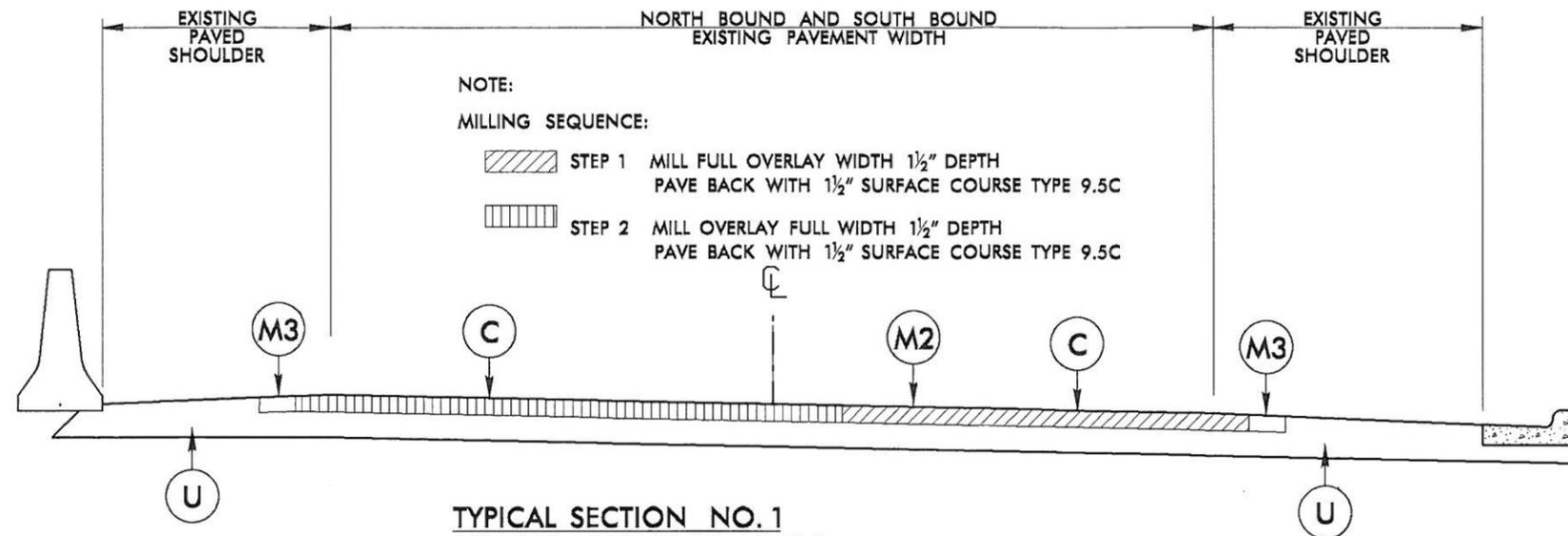
Map 1 East bound
 Map 2 West bound
 US 158/NC 150/Bus. 40
 ALL WORK ON THIS MAP TO BE NIGHT TIME
 ONLY 7 P.M. TO 6 A.M., Monday-Friday.

FORSYTH COUNTY
 NORTH CAROLINA

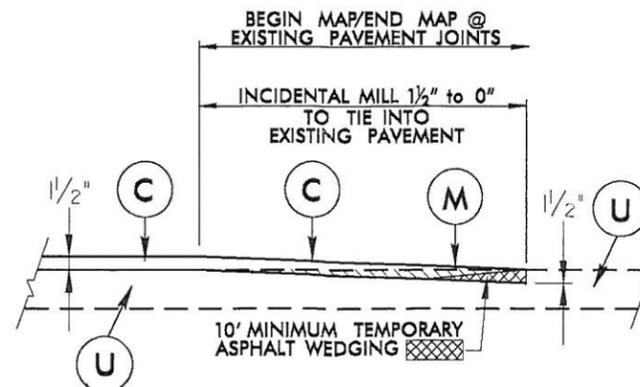


Map 3
 US 52 North Bound
 ALL WORK ON THIS MAP TO BE NIGHT TIME
 ONLY 7 P.M. TO 6 A.M., Monday-Friday.
 Map 4
 US 52 South Bound
 ALL WORK ON THIS MAP TO BE NIGHT TIME
 ONLY 7 P.M. TO 6 A.M., Monday-Friday.

FORSYTH COUNTY
 NORTH CAROLINA

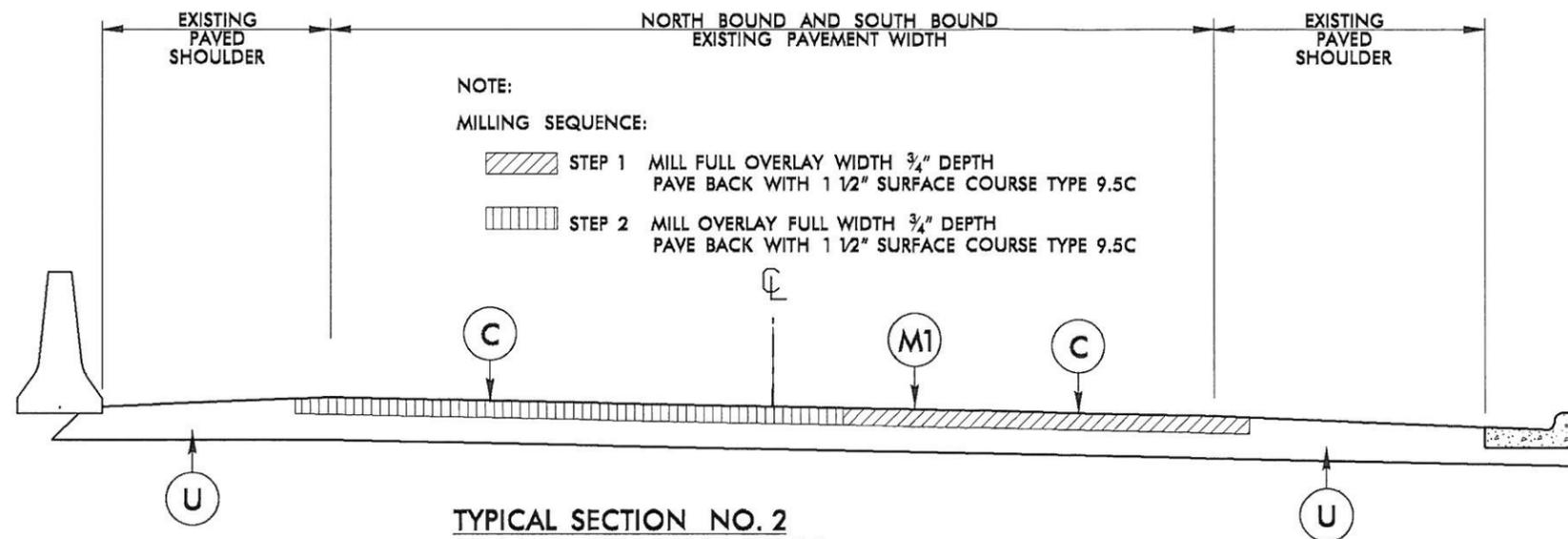


TYPICAL SECTION NO. 1
MILLING SEQUENCE DETAIL
 MAP 1
 US 158/NC150/Bus. 40 EAST BOUND TRAVEL LANES
 MAP 2
 US 158/NC150/Bus. 40 WEST BOUND TRAVEL LANES

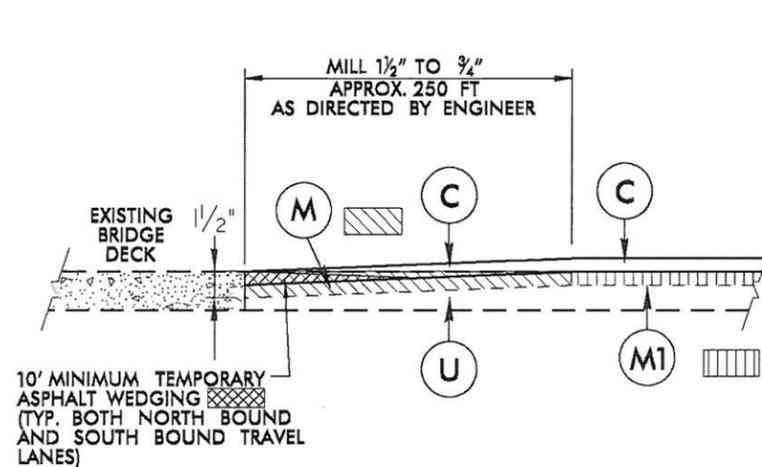


TIE-IN DETAIL

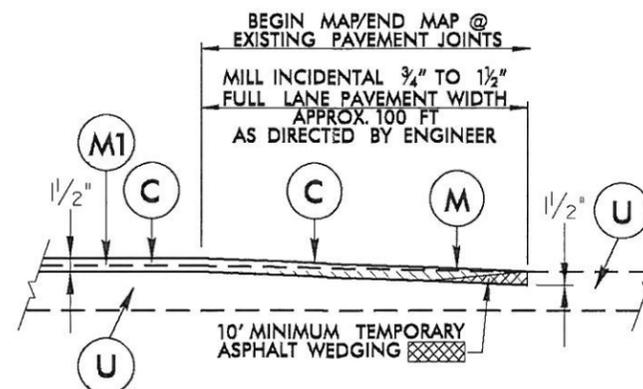
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ. YD.
M	MILL ASPHALT PAVEMENT, 3/4" TO 1 1/2"
M1	MILL ASPHALT PAVEMENT, 3/4" DEPTH
M2	MILL ASPHALT PAVEMENT, 1 1/2" DEPTH
M3	MILLED RUMBLE STRIPS
U	EXISTING PAVEMENT



**TYPICAL SECTION NO. 2
MILLING SEQUENCE DETAIL
MAP 3
US 52 NORTH BOUND TRAVEL LANES
MAP 4
US 52 SOUTH BOUND TRAVEL LANES**



**MAP 1 US 52
MILLING DETAIL AT
BRIDGE APPROACH**



INCIDENTAL MILLING AT TIE-IN DETAIL

PAVEMENT SCHEDULE	
C	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ. YD.
M	MILL ASPHALT PAVEMENT, 3/4" TO 1 1/2"
M1	MILL ASPHALT PAVEMENT, 3/4" DEPTH
M2	MILL ASPHALT PAVEMENT, 1 1/2" DEPTH
M3	MILLED RUMBLE STRIPS
U	EXISTING PAVEMENT

CONSTRUCTION NOTES:

1. ALL QUANTITIES ARE "ESTIMATED" AS INDICATED IN THE "SUMMARY OF QUANTITIES".
2. CONSTRUCTION SHALL PROGRESS IN PHASES, IN THE ORDER INDICATED BELOW:
 - PHASE 1 - MILLING AND PATCHING (WHEN REQUIRED)
 - PHASE 2 - SURFACE OVERLAY
 - PHASE 3 - SHOULDER DROP-OFF REPAIR (AS NEEDED AND DIRECTED BY ENGINEER)
 - PHASE 4 - UTILITY ADJUSTMENTS (MANHOLE RING/COVER, VALVE/METER BOX RING/COVER, CATCH BASIN GRATE/COVER, DROP INLET GRATE/COVER, ETC.) WHEN REQUIRED.
3. BRIDGES THAT HAVE FLOOR DRAINS, SHALL HAVE ALL FLOOR DRAINS LEFT OPEN. EXTRA CARE SHALL BE EXERCISED IN MILLING (IF REQUIRED) AND IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE.
4. TEMPORARY ASPHALT WEDGING SHALL BE PLACED ON THE SAME DAY THAT BRIDGE AND/OR RAILROAD APPROACHES ARE MILLED (AND IF APPROACHES ARE MILLED PRIOR TO BRIDGE DECK).
5. FOR TWO-LANE ROADWAYS - IT SHALL BE UNDERSTOOD THAT TYPICALLY ON A ROADWAY MEASURING 20 FEET OR LESS IN WIDTH, THE CENTER OF THE WHITE EDGELINE SHALL BE LOCATED SIX INCHES FROM THE EDGE OF PAVEMENT ON EITHER SIDE OF THE ROADWAY; ON A ROADWAY MEASURING 22 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 10 FEET AND THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 24 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 11 FEET AND THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 26 FEET OR MORE IN WIDTH, TRAVEL LANES SHALL MEASURE 12 FEET AND THE WHITE EDGELINE SHALL BE LOCATED NO LESS THAN ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE. THIS SHALL BE STANDARD PRACTICE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. PAPER JOINTS ARE TO BE PLACED BETWEEN DAYS OF PAVING OPERATIONS AS SPECIFIED IN THE STANDARD SPECIFICATIONS SECTION 610-11.
7. ALL MILLED AREAS WILL BE PAVED WITHIN 72 HOURS UNLESS APPROVED BY THE ENGINEER.
9. REPLACE ANY PORTION OF STOP BARS AND OTHER PAVEMENT MARKINGS AT ANY INTERSECTION INCLUDING Y-LINES NOT ACTUALLY BEING PAVED OVER, THAT ARE OBLITERATED BY THE PAVING OPERATION EITHER BY HAULING WHEEL TRACKS OR TACK TRUCK BY THE END OF EACH RESURFACING OPERATION

2015_Resurfacing_FORSYTH

										PROJECT NO.		SHEET NO.	
										9CR.10341.151		6	
Map No.	Route No.	Route Name	Bridge No.	Feature Intersected	Floor Construction	Clear Roadway Width (Ft)	Horizontal Clearance Under (Ft.)	Vertical Clearance Under	2nd Opening Clearance Under	Length (Ft)	Posting	Recommended Treatment, From Bridge Maintenance	
1,2	I40 BUS, US158/421	I40 BUS, US158/421	348	US52, US311 & NC8	8 RC SLAB	94	NA	15 FT 02 IN US 52 NBL	15 FT 04 IN US52 SBL	218	NA	Do not pave on bridge deck	
1,2	SR4325	MLK JR. DR.	163	I40 BUS, US158/421 & NC150	8 RC SLAB	68	NA	14 FT 11 IN	15 FT 09 IN I40 BUS.WBL	186	NA	Need to maintain vertical clearance under bridge	
1,2	I40 BUS, US158/421	I40 BUS, US158/421	354	BRUSHY FORK CREEK	8 RC W/LATEX RC	83.3	NA	NA	NA	287	NA	Do not pave on bridge deck	
1,2	I40 BUS, US158/421	I40 BUS, US158/421	355	LOWERY STREET	8 RC W/LATEX RC	83.3	NA	NA	NA	149	NA	Do not pave on bridge deck	
3,4	SR 2456	LIBERTY ST.	247	US 52	7" RC SLAB	40	NA	15 FT 09 IN US 52 SBL	17 FT 09 IN US52 NBL	188	NA	Need to maintain vertical clearance under SB bridge	
3,4	US 52	US 52	253	25TH STREET	6 1/2" RC SLAB	91	NA	NA	NA	108	NA	Do not pave on bridge deck	
3,4	US 52	US 52	255	28TH STREET/ INDIANA AVE.	6 1/2" RC SLAB	94	NA	NA	NA	174	NA	Do not pave on bridge deck	

PROJECT NO.	SHEET NO.	TOTAL NO.
9CR.10341.151	7	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	MILLING ASPHALT PAVEMENT, 1 1/2"DEPTH SY	MILLING ASPHALT PAVEMENT, 3/4"DEPTH SY	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE) LF
9CR.10341.151	Forsyth	1	EAST BOUND BUS 40/US158/US421	FROM EAST OF BRIDGE #348 (US 52) TO PAVEMENT JOINT NEAR SIGN #540 WEST OF EXIT NO. 8 TO US 158		4	MD	NO	NO	1.825	26	39,084			3,478	205	1	19,272
TOTAL FOR MAP NO. 1										1.825		39,084			3,478	205	1	19,272
9CR.10341.151	Forsyth	2	WEST BOUND BUS 40/US158/US421	FROM PAVEMENT JT NEAR END OF CURB WEST OF ON RAMP FROM US 158 TO APPROACH TO BRIDGE #348 OVER US 52		4	MD	NO	NO	1.829	26	43,402			3,895	230	1	19,259
TOTAL FOR MAP NO. 2										1.829		43,402			3,895	230	1	19,259
9CR.10341.151	Forsyth	3	US 52 NORTH BOUND	FROM PAVEMENT JOINT NORTH OF BRIDGE NO.247 TO BRIDGE NO.255 SOUTH SIDE APPROACH	2	2	MD	NO	NO	0.401	28		8,825	1,244	818	48		
TOTAL FOR MAP NO. 3										0.401			8,825	1,244	818	48		
9CR.10341.151	Forsyth	4	US 52 SOUTH BOUND	FROM BRIDGE NO.255 SOUTH SIDE APPROACH TO PAVEMENT JOINT NORTH OF BRIDGE NO.247	2	2	MD	NO	NO	0.404	28		6,906	1,244	641	38		
TOTAL FOR MAP NO. 4										0.404			6,906	1,244	641	38		
TOTAL FOR PROJ NO. WBS x										4.459		82,486	15,731	2,488	8,832	521	2	38,531
GRAND TOTAL										4.459		82,486	15,731	2,488	8,832	521	2	38,531

PROJECT NO.	SHEET NO.	TOTAL NO.
9CR.10341.151	8	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N				4688000000-E		4690000000-E	4700000000-E	4721000000-E	4725000000-E			4815000000-E	4825000000-E	4840000000-N	4845000000-N	4905000000-N						
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL MAP 1	TEMPORARY TRAFFIC CONTROL MAP 2	TEMPORARY TRAFFIC CONTROL MAP 3	TEMPORARY TRAFFIC CONTROL MAP 4	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	6" X 120 M WHITE THERMO	12" X 90 M WHITE THERMO	THERMO MSG ONLY 120 M	THERMO MERGE ARROW 90 M	THERMO RT ARROW 90 M	6" WHITE PAINT	6" YELLOW PAINT	12" WHITE PAINT	PAINT MSG ONLY	PAINT RT ARROW	PAINT PAVEMENT MARKING SYMBOL-MERGE	SNOW PLOWABLE MARKERS					
NO		NO								LS	LS	LS	LS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA						
9CR.10341.151	Forsyth	1	EAST BOUND BUS 40/US158/US421	FROM EAST OF BRIDGE #348 (US 52) TO PAVEMENT JOINT NEAR SIGN #540 WEST OF EXIT NO. 8 TO US 158		4	MD	1.825	26	366	1				9,886	10,006	2,514	2,854	4	3	2	12,820	10,506	2,854	4	4	6	332					
TOTAL FOR MAP NO. 1														9,886	10,006	2,514	2,854	4	3	2	12,820	10,506	2,854	4	4	6	332						
9CR.10341.151	Forsyth	2	WEST BOUND BUS 40/US158/US421	FROM PAVEMENT JT NEAR END OF CURB WEST OF ON RAMP FROM US 158 TO APPROACH TO BRIDGE #348 OVER US 52		4	MD	1.829	26	366		1			10,017	10,083	2,676	3,689	8	1	4	13,229	10,613	6,068	12	6	3	482					
TOTAL FOR MAP NO. 2														10,017	10,083	2,676	3,689	8	1	4	13,229	10,613	6,068	12	6	3	482						
9CR.10341.151	Forsyth	3	US 52 NORTH BOUND	FROM PAVEMENT JOINT NORTH OF BRIDGE NO.247 TO BRIDGE NO.255 SOUTH SIDE APPROACH		2	MD	0.401	28	398			1		2,149	2,138	820	854				3,113	2,246	924				81					
TOTAL FOR MAP NO. 3														2,149	2,138	820	854				3,113	2,246	924					81					
9CR.10341.151	Forsyth	4	US 52 SOUTH BOUND	FROM BRIDGE NO.255 SOUTH SIDE APPROACH TO PAVEMENT JOINT NORTH OF BRIDGE NO.247		2	MD	0.404	28	238			1		2,730	2,735	540	459				3,414	2,843	459				42					
TOTAL FOR MAP NO. 4														2,730	2,735	540	459				3,414	2,843	459					42					
TOTAL FOR PROJ NO. WBS x														4,459	1,368	1	1	1	1	24,782	24,962	6,550	7,856	12	4	6	32,576	26,208	10,305	16	10	9	937
GRAND TOTAL														4,459	1,368	1	1	1	1	24,782	24,962	6,550	7,856	12	4	6	32,576	26,208	10,305	16	10	9	937