Appendices

APPENDIX D TIME-SPACE DIAGRAMS

Time-Space Diagram - US 278
Traffic Flow Diagram, 90th Percentile Flow and Green Time Main Street Cross Street Offset **Approach** 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 13: US 278

@ Hampton Parkway

€ 12: US 278 @ Berkeley Hall 36: US 278 14: US 278 @ Bluffton Fire 109 11: US 278 @ Eagles Point 10: US 278 @ Rose Hill Way 31 9: US 278 @ Belfair Plantation 111 20: US 278 8: US 278 @ Belfair Towne Villag 32 7: US 278 @ Crescent Drive 48 <u>*</u> 6: US 278 @ Home Depot 152 5: US 278 5: US 278 @ Trimblestone Road € 130 4: US 278 @ Sawmill Creek Road < 47 3: US 278 3: US 278

@ Colleton River Road € 41: US 278 2: US 278 **LEGEND** @ Tanger Outlet #2 NB or WB Thru Veh Paths 121 NB or WB Left Veh Paths SB or EB Thru Veh Paths 1: US 278 <u>*</u> @ Moss Creek SB or EB Left Veh Paths 137 Thru Green NB or WB Left-Thru Green SB or EB Left-Thru Green Dual Left Green

Time-Space Diagram - US 278
Traffic Flow Diagram, 90th Percentile Flow and Green Tin EXISTING MIDDAY #6 Main Street Cross Street Offset **Approach** 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 13: US 278 @ Hampton Parkway 12: US 278 @ Berkeley Hall **225**US 278 14: US 278 @ Bluffton Fire 151 11: US 278 @ Eagles Point 10: US 278 @ Rose Hill Way 88 9: US 278 @ Belfair Plantation 104 20: US 278 8: US 278 @ Belfair Towne Villag 20 7: US 278 @ Crescent Drive 42 6: US 278 @ Home Depot 109 5: US 278 5: US 278 @ Trimblestone Road € 121 4: US 278 @ Sawmill Creek Road € 35 3: US 278 3: US 278

@ Colleton River Road € 41: US 278 2: US 278 **LEGEND** @ Tanger Outlet #2 NB or WB Thru Veh Paths 113 NB or WB Left Veh Paths SB or EB Thru Veh Paths 1: US 278 @ Moss Creek SB or EB Left Veh Paths 132 Thru Green NB or WB Left-Thru Green SB or EB Left-Thru Green X Dual Left Green

Time-Space Diagram - US 278
Traffic Flow Diagram, 90th Percentile Flow and Green Time Main Street Cross Street Offset **Approach** 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 13: US 278 @ Hampton Parkway 12: US 278 @ Berkeley Hall 25g US 278 14: US 278 @ Bluffton Fire 11: US 278 @ Eagles Point 10: US 278 @ Rose Hill Way 45 9: US 278 @ Belfair Plantation 164 20: US 278 8: US 278 @ Belfair Towne Villag€ 80 7: US 278 @ Crescent Drive 69 <u>*</u> 6: US 278 @ Home Depot 55 5: US 278 5: US 278 @ Trimblestone Road € 157 4: US 278 @ Sawmill Creek Road < 95 3: US 278 3: US 278

@ Colleton River Road € 41: US 278 2: US 278 **LEGEND** @ Tanger Outlet #2 NB or WB Thru Veh Paths 156 NB or WB Left Veh Paths SB or EB Thru Veh Paths 1: US 278 <u>*</u> @ Moss Creek SB or EB Left Veh Paths 157 Thru Green NB or WB Left-Thru Green SB or EB Left-Thru Green Dual Left Green

X Dual Left Green

Thru Green

Dual Left Green

NB or WB Left-Thru Green SB or EB Left-Thru Green

Time-Space Diagram - US 278
Traffic Flow Diagram, 90th Percentile Flow and Green Time Main Street Cross Street Offset **Approach** 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 13: US 278

@ Hampton Parkway

€ 13: US 278 12: US 278 @ Berkeley Hall **223**US 278 14: US 278 @ Bluffton Fire 20 11: US 278 @ Eagles Point 10: US 278 @ Rose Hill Way 85 9: US 278 @ Belfair Plantation 13 20: US 278 8: US 278 @ Belfair Towne Villag 70 7: US 278 @ Crescent Drive 17 <u>*</u> 6: US 278 @ Home Depot 63 5: US 278 @ Trimblestone Road € 91 4: US 278 @ Sawmill Creek Road € 19 3: US 278 3: US 278

@ Colleton River Road € 41: US 278 2: US 278 **LEGEND** @ Tanger Outlet #2 NB or WB Thru Veh Paths 105 NB or WB Left Veh Paths SB or EB Thru Veh Paths 1: US 278 @ Moss Creek SB or EB Left Veh Paths 13 Thru Green NB or WB Left-Thru Green SB or EB Left-Thru Green Dual Left Green

Time-Space Diagram - US 278
Traffic Flow Diagram, 90th Percentile Flow and Green Time Main Street **Cross Street Approach** 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 Offset 13: US 278 @ Hampton Parkway 12: US 278 @ Berkeley Hall **235US 278** 14: US 278 @ Bluffton Fire 126 11: US 278 @ Eagles Point 10: US 278 @ Rose Hill Way 9: US 278 @ Belfair Plantation 0 20: US 278 8: US 278 @ Belfair Towne Villag 78 7: US 278 @ Crescent Drive 34 6: US 278 @ Home Depot 6 5: US 278 @ Trimblestone Road € 130 4: US 278 @ Sawmill Creek Road < 111 3: US 278 3: US 278

@ Colleton River Road € 32 41: US 278 2: US 278 **LEGEND** @ Tanger Outlet #2 NB or WB Thru Veh Paths 45 NB or WB Left Veh Paths SB or EB Thru Veh Paths 1: US 278 <u>*</u> @ Moss Creek SB or EB Left Veh Paths 132 Thru Green NB or WB Left-Thru Green SB or EB Left-Thru Green Dual Left Green

Time-Space Diagram - US 278
Traffic Flow Diagram, 90th Percentile Flow and Green Tir FINAL SATURDAY BEACH-IN #11 **Main Street** Cross Street Offset **Approach** 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 380 20 40 360 13: US 278

@ Hampton Parkway

€ 13: US 278 12: US 278 @ Berkeley Hall **3**2: US 278 14: US 278 @ Bluffton Fire 86 11: US 278 @ Eagles Point 10: US 278 @ Rose Hill Way 9: US 278 @ Belfair Plantation 169 20: US 278 8: US 278 @ Belfair Towne Villag 78 7: US 278 @ Crescent Drive 156 <u>*</u> 6: US 278 @ Home Depot 63 5: US 278 @ Trimblestone Road € 99 4: US 278 @ Sawmill Creek Road € 93 3: US 278 3: US 278

@ Colleton River Road € M 156 41: US 278 2: US 278 **LEGEND** @ Tanger Outlet #2 NB or WB Thru Veh Paths 36 NB or WB Left Veh Paths SB or EB Thru Veh Paths 1: US 278 @ Moss Creek SB or EB Left Veh Paths 109 Thru Green NB or WB Left-Thru Green SB or EB Left-Thru Green Dual Left Green