

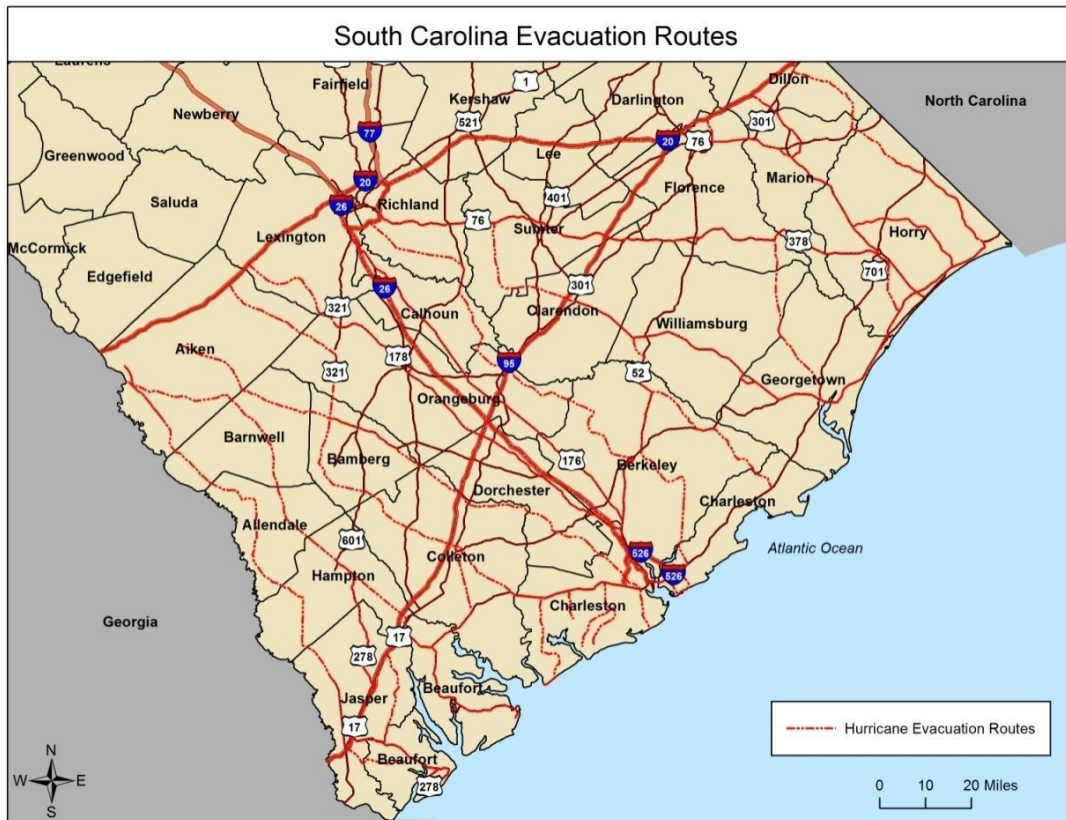
**ANNEX F TO HURRICANE  
PLAN  
TRAFFIC MANAGEMENT**

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**I. INTRODUCTION**

- A. Evacuation of the population from vulnerable areas is one of the most crucial issues in protecting lives in the face of an approaching hurricane.
- B. The basic Traffic Management concept is to allow traffic to flow along evacuation routes unimpeded, and to supplement existing traffic control devices with law enforcement personnel who will staff selected Traffic Control Points (TCP) within the Conglomerates.
- C. Each TCP was established to provide assistance to the evacuating populace.
- D. Various assigned Law Enforcement agencies and the SCNG are responsible for staffing and monitoring predetermined TCPs.

**II. EVACUATION ROUTES**



- A. The SC Department of Public Safety (SCDPS) and the SC Department of Transportation (SCDOT), in coordination with local officials, identify and establish hurricane evacuation routes throughout the coastal counties within the State.

- B. The SCDOT coordinates maintenance of these routes and is responsible for the evacuation route directional signs placed along all routes.
- C. Evacuation Routes
  - 1. Grand Strand Area
    - a. North Myrtle Beach and northward. Use SC 9 to proceed to I-95.
    - b. Myrtle Beach 10th Avenue North and northward to Briarcliff Acres.
      - (1) Use SC 22 (Conway Bypass) to US 501.
      - (2) Motorists using SC 31 (Carolina Bays Parkway) or the Grissom Parkway will be directed north to SC 22.
    - c. South of 10th Avenue North southward to the Myrtle Beach Airport.
      - (1) Use US 501 toward Marion and beyond.
      - (2) Under certain conditions, US 501 will be converted to four lanes northbound from SC 22 to SC 576.
    - d. Myrtle Beach Airport southward through Surfside Beach.
      - (1) Use SC 544 to US 501.
      - (2) Under certain conditions, US 501 will be converted to four lanes northbound from SC 544 to US 378. The reversed lanes will carry SC 544 traffic onto US 378 where it will travel westbound to I-95 or Columbia.
    - e. Garden City Beach south to Winyah Bay, Georgetown
      - (1) Take US 17 south through Georgetown, then take US 521 to SC 261 to US 378 to Columbia.
      - (2) Under certain conditions, an alternate route from Georgetown will be Black River Road to US 701 to SC 51 to SC 41 to US 378 at Kingsburg.
  - 2. Charleston Area
    - a. Edisto Island, Adams Run
      - (1) Evacuees will take SC 174 to US 17.
      - (2) They will then take US 17 south to SC 64.

- (3) This will take them to Walterboro, and then to Aiken and I-20.
- b. Yonges Island, Meggett, Hollywood, Ravenel
  - (1) Use SC 165 to US 17.
  - (2) Then US 17 south to SC 64 where they will go to Walterboro.
  - (3) Then to Aiken and I-20.
- c. Johns Island, Kiawah Island and Seabrook
  - (1) Use SC 700 to Main Road (S-20) to US 17.
  - (2) Evacuees will take US 17 south to SC 64 where they will go to Walterboro, then to Aiken and I-20.
- d. James Island and Folly Beach
  - (1) Use SC 171 to US 17.
  - (2) Evacuees should then travel south on US 17 to I-526 to the reversed lanes of I-26.
- e. City of Charleston
  - (1) The west side of the city (West Ashley) will use SC 61 to US 78, US 321, SC 389 to I-20.
  - (2) Downtown will use normal lanes of I-26.
- f. North Charleston
  - (1) Evacuees will take US 52 (Rivers Avenue) to US 78 to US 178 to Orangeburg then to I-20 or continue on US 52 to US 176 or continue north on US 52.
  - (2) The right lanes of US 52 at Goose Creek will continue on to Moncks Corner and will be directed onto SC 6 which will take them toward Columbia.
  - (3) The left lane of US 52 at Goose Creek will go onto US 176 to Columbia.
  - (4) Evacuees using SC 642 will travel west toward Summerville and take road S-22 (Old Orangeburg Road) to US 78 west.

g. East Cooper

- (1) Evacuees leaving Mount Pleasant will take I-526 or US 17 south to I-26.
- (2) Those leaving Sullivan's Island will use SC 703 to I-526 Business to access I-526, then I-26.
- (3) Evacuees from the Isle of Palms will use the Isle of Palms connector (SC 517) to go to US 17, where the right lane will turn north on US 17, then proceed to SC 41, to SC 402, then to US 52 to SC 375, then to US 521, to SC 261 to US 378 to Columbia.
- (4) Evacuees using the left lanes of the Isle of Palms connector will turn left to go to I-526 and then on to I-26.
- (5) Evacuees on I-526 approaching I-26 from East Cooper will be directed to the normal lanes of I-26 if in the right lane of I-526.
- (6) Those in the left lane of I-526 will be directed into the reversed lanes of I-26.

h. Awendaw and McClellanville

Evacuees will take SC 45 to US 52 where they will be directed right onto US 52 to SC 375 to US 521 to SC 261 to US 378 to Columbia.

i. Daniel Island

Evacuees will use I-526 or Clements Ferry Road as conditions warrant.

3. Hilton Head Island and Beaufort Areas

a. Hilton Head Island

- (1) Hilton Head Island evacuees will use both the William Hilton Parkway (US 278 Business) and the Cross Island Parkway toll facility (US 278).
- (2) As these two roads merge, a third lane will be formed by reversing flow on the inside eastbound lane of US 278. This lane will carry the traffic from the toll facility to the three lane section beginning on the mainland.

- (3) Lane assignments will be as follows:
  - (a) The right lane on US 278 westbound will exit onto SC 170, proceed to SC 462, then be directed to I-95 northbound at I-95 exit 28.
  - (b) The center lane on US 278 westbound will become the right lane at SC 170 which will be directed to I-95 northbound at exit 8.
  - (c) The left lane on US 278 westbound at SC 170 will continue on US 278 to Hampton and eventually to North Augusta.

b. Beaufort

- (1) Two Lane Evacuation
  - (a) Evacuees will use the two present northbound lanes on US 21 to US 17.
  - (b) Upon reaching US 17, the right lane will be directed to US 17 South to SC 303 to Walterboro.
  - (c) The left lane will be directed to US 17 South, then to US 17 Alt/US 21 to Yemassee and then ultimately to North Augusta.
- (2) Three Lane Evacuation
  - (a) Under certain conditions, a third northbound lane will be formed by reversing flow in the inside southbound lane of US 21 at US 21 Business west of Beaufort, accommodating traffic from US 21.
  - (b) This reversed lane will be directed to US 17 southbound and eventually I-95 northbound at Exit 33 (Point South).
  - (c) The remaining two lanes will be used as described above for the two lane evacuation.

D. Emergency Access Routes

1. Charleston Area during I-26 Reversal

- a. To accommodate emergency vehicles to the Charleston area during I-26 lane reversal, the following routes are recommended for emergency vehicle ingress:
    - US 21 to US 176 to US 52 to Charleston
    - US 21 to Orangeburg take bypass US 178 to US 78
  - b. The above routes are recommended assuming lane reversal will not be ordered on evacuation routes other than I-26.
2. Beaufort Coastal Area during Highway 278/21 Reversal. Eastbound emergency traffic will use the outermost eastbound, (#2) lane on Highway 278 or Highway 21, as applicable, during reversal operations.
  3. Emergency Access Routes to Remaining Coastal Areas. The coastal areas with counter flow plans will utilize the remaining, non-reversed, eastbound lanes for emergency vehicles.

### **III. TCP STAFFING COORDINATION**

- A. The SCDPS, in cooperation with local law enforcement agencies, compiled the TCPs to support an evacuation, and developed Incident Action Plans (IAP) detailing the specific plan for resourcing, manning requirements, and command and control structure to support evacuation operations.
- B. The SCNG, where identified, will work as partners with State and local law enforcement agencies.
- C. Once the TCPs are activated, responsible law enforcement agencies and support personnel will man the TCPs for continuous 24-hour periods unless otherwise noted.
- D. SCDPS maintains a detailed listing of TCP in IAP format.

### **IV. TRAFFIC FLOW EQUIPMENT**

- A. The SCDOT will provide all necessary equipment identified during Evacuation Route Coordination meetings to include barriers, cones, remote signal devices, etc.
- B. This equipment is detailed in the respective IAP's.

### **V. TRAFFIC MANAGEMENT OPERATIONS/EVACUATION ROUTE MONITORING**

- A. TCP Staffing. When requested by the SEOC, the designated agencies will staff TCPs during evacuation and reentry (when requested by the SEOC) until traffic resumes normal levels of operation.
- B. Lane Reversal/Counter Flow Procedures

1. The operational decision of when and if to reverse lanes during an evacuation or reentry is covered in the Hurricane Plan.

2. The lane reversal plans are detailed in the IAPs maintained by SCDPS.

C. Radio Surveillance.

1. ESF-16 (Emergency Traffic Management) will monitor SCDPS radio traffic to determine ongoing status of field operations and traffic flow.

2. Local EOCs should monitor local law enforcement channels, and report problems to ESF-16 (Emergency Traffic Management).

D. Video Surveillance

1. SCDOT will provide closed-circuit television images of evacuation routes, where available, to ESF-1 (Transportation) and ESF-16 (Emergency Traffic Management) operations personnel.

2. There are traffic cameras at the following locations:

| Area              | Camera ID             | Camera Locations                 |
|-------------------|-----------------------|----------------------------------|
| Charleston County | Charleston Cam 108    | I-26E @ exit 187                 |
| Charleston County | Charleston Cam 109    | I-26E @ mm181.5                  |
| Charleston County | Charleston Cam 101    | I-26E @ exit 194                 |
| Charleston County | Charleston Cam 100    | I-26E @ mm 195.5                 |
| Charleston County | Charleston Cam 002    | I-26E @ mm 199 (US 17)           |
| Charleston County | Charleston Cam 255/96 | I-26E @ mm 199 (US 17)           |
| Charleston County | Charleston Cam 003    | I-26W @ mm 199                   |
| Charleston County | Charleston Cam 004    | I-26W @ mm 199.5                 |
| Charleston County | Charleston Cam 005    | I-26W @ mm 200.5                 |
| Charleston County | Charleston Cam 006    | I-26W @ mm 201 (Royal Road)      |
| Charleston County | Charleston Cam 007    | I-26W @ mm 201.5 (Rest Area)     |
| Charleston County | Charleston Cam 008    | I-26W @ mm 202                   |
| Charleston County | Charleston Cam 009    | I-26W @ mm 203 (College Park Rd) |
| Charleston        | Charleston Cam 010    | I-26W @ mm 203.5                 |

|                   |                    |   |
|-------------------|--------------------|---|
| County            |                    |   |
| Charleston County | Charleston Cam 012 | I-26W @ mm 204                          |
| Charleston County | Charleston Cam 095 | I-26W @ mm 205                          |
| Charleston County | Charleston Cam 013 | I-26W @ mm 205                          |
| Charleston County | Charleston Cam 014 | I-26W @ mm 205.5                        |
| Charleston County | Charleston Cam 015 | I-26W @ mm 206                          |
| Charleston County | Charleston Cam 016 | I-26W @ mm 207                          |
| Charleston County | Charleston Cam 017 | I-26W @ mm 208 (US 52 Connector)        |
| Charleston County | Charleston Cam 018 | I-26W @ mm 208 (US 52 Connector)        |
| Charleston County | Charleston Cam 019 | I-26W @ mm 209 (Ashley Phos)            |
| Charleston County | Charleston Cam 020 | I-26W @ mm 210                          |
| Charleston County | Charleston Cam 021 | I-26W @ mm 210.5 ( Midland Park)        |
| Charleston County | Charleston Cam 024 | I-26W @ mm 211 (Eagle Drive)            |
| Charleston County | Charleston Cam 036 | I-26E @ mm 211 (Aviation Ave )          |
| Charleston County | Charleston Cam 037 | I-26E @ mm 211.5 (Taylor St Bridge )    |
| Charleston County | Charleston Cam 022 | I-26E @ mm 212                          |
| Charleston County | Charleston Cam 023 | I-26W @ I-526                           |
| Orangeburg County | Cola Cam 103       | I-26 @ I-95                             |
| Orangeburg County | Cola Cam 104       | I-26 @ I-95                             |
| Orangeburg County | Cola Cam 200       | I-26E @ mm 150.5 (East Bound Rest Area) |
| Orangeburg County | Cola Cam 201       | I-26W @ mm 152 (West Bound Rest Area)   |
| Columbia Area     | Columbia Cam 15    | I-26 E @ US 378                         |
| Columbia Area     | Columbia Cam 31    | I-26E @ Exit 110                        |
| Columbia Area     | Columbia Cam 30    | I-26E @ mm 109                          |
| Columbia Area     | Columbia Cam 17    | I-26W @ I-126                           |
| Columbia Area     | Columbia Cam 16    | I-26E @ mm108                           |
| Columbia Area     | Columbia Cam 14    | I-26W @ I-20W                           |
| Columbia Area     | Columbia Cam 22    | I-26W @ mm 106                          |
| Columbia Area     | Columbia Cam 21    | I-26E @ mm 106                          |
| Columbia Area     | Columbia Cam 23    | I-26W @ mm 106                          |
| Columbia Area     | Columbia Cam 24    | I-26W @ mm 105.5                        |



|                 |                  |                              |
|-----------------|------------------|------------------------------|
| Columbia Area   | Columbia Cam 25  | I-26W @mm 105                |
| Columbia Area   | Columbia Cam 26  | I-26W @ mm 104               |
| Columbia Area   | Columbia Cam 27  | I-26W @ mm103.9              |
| Columbia Area   | Columbia Cam 28  | I-26W @ mm 103               |
| Columbia Area   | Columbia Cam 40  | I-26W @ mm 102.5             |
| Columbia Area   | Columbia Cam 41  | I-26W @ mm 102               |
| Columbia Area   | Columbia Cam 42  | I-26W @ mm 101               |
| Columbia Area   | Columbia Cam 148 | I-20W @ mm 61.5              |
| Columbia Area   | Columbia Cam 147 | I-20W @ mm 62                |
| Columbia Area   | Columbia Cam 146 | I-20W @ mm 62.5              |
| Columbia Area   | Columbia Cam 13  | I-20 W @ Bush River RD       |
| Columbia Area   | Columbia Cam 60  | I-20W @ Exit 64              |
| Columbia Area   | Columbia Cam 61  | I-20E @ Exit 65              |
| Columbia Area   | Columbia Cam 62  | I-20E @ mm 66                |
| Columbia Area   | Columbia Cam 63  | I-20W @ Broad River Bridge   |
| Columbia Area   | Columbia Cam 64  | I-20W @ mm 67                |
| Columbia Area   | Columbia Cam 65  | I-20W @ mm 67.3              |
| Columbia Area   | Columbia Cam 66  | I-20W @ mm 68.1              |
| Columbia Area   | Columbia Cam 67  | I-20W @ mm 68.5              |
| Columbia Area   | Columbia Cam 68  | I-20E @ Exit 70              |
| Columbia Area   | Columbia Cam 69  | I-20E @ mm 70.2              |
| Columbia Area   | Columbia Cam 70  | I-20W @ mm 70.8              |
| Columbia Area   | Columbia Cam 71  | I-20E @ Exit 71              |
| Columbia Area   | Columbia Cam 72  | I-20W @ mm71.5               |
| Columbia Area   | Columbia Cam 73  | I-20W @ Exit 72              |
| Columbia Area   | Columbia Cam 74  | I-20E @ Exit 73              |
| Columbia Area   | Columbia Cam 75  | I-20E @ mm 73.5              |
| Columbia Area   | Columbia Cam 76  | I-20E @ Exit 74              |
| Columbia Area   | Columbia Cam 77  | I-20W @ mm 74.5              |
| Columbia Area   | Columbia Cam 78  | I-20E @ mm 75                |
| Columbia Area   | Columbia Cam 79  | I-20E @ mm75.5               |
| Columbia Area   | Columbia Cam 120 | I-77 @ mm 4                  |
| Columbia Area   | Columbia Cam 121 | I-77 @ mm 3                  |
| Columbia Area   | Columbia Cam 122 | I-77S @ mm 2                 |
| Jasper County   | Portable Camera  | I-95 at mm 8                 |
| Florence County | Florence Cam 209 | I-95S @ Pine Needle overpass |
| Florence County | Florence Cam 201 | I-95S @ I-20E mm 160         |
| Florence County | Florence Cam 208 | I-95S @ Hub Building         |
| Florence County | Florence Cam 202 | I-95S @ mm 162.5             |
| Florence County | Florence Cam 203 | I-95S @ Exit 164             |
| Florence County | Florence Cam 204 | I-95S @ mm 165               |
| Florence County | Florence Cam 205 | I-95N @ mm 167               |
| Florence County | Florence Cam 206 | I-95N @ Exit 169             |

|                 |                  |                    |
|-----------------|------------------|--------------------|
| Florence County | Florence Cam 207 | I-95N @ Exit 170   |
| Horry County    | MB Cam 015       | US 501 N @ SC 22   |
| Horry County    | MB Cam 010       | US 17 S @ US 501 N |

1. ESF-16 (Emergency Traffic Management) in coordination with ESF-13 (Law Enforcement) will utilize State and local aircraft to monitor traffic flow.
2. During air operations, reports will be as the situation requires to ESF-16 (Emergency Traffic Management) which will relay the information to the SCDPS Incident Commanders.
3. Pilots will report any observed incident impeding the flow of traffic.
4. ESF-16 (Emergency Traffic Management) will monitor radio traffic, and may periodically request situation reports in areas of evacuation routes not visible by the SCDOT closed-circuit television cameras.

F. Traffic Counter Surveillance

1. SCDOT will provide electronic access to counter data to include vehicle count and speed data to ESF-1 (Transportation) and ESF-16 (Emergency Traffic Management).
2. Permanent traffic counter sites:

| <b>TRAFFIC COUNTER SITES LOCATED WITHIN EACH CONGLOMERATE</b> |              |  |                   |                   |
|---|--------------|--|-------------------|-------------------|
| <b>COUNTY</b>   | <b>ROUTE</b> | <b>LOCATION</b>                              | <b>DOT SITE #</b> | <b>THRU LANES</b> |
| <b>Southern Coastal Conglomerate</b>                          |              |  |                   |                   |
| AIKEN   | I-20         | AIKEN: @ WELCOME CENTER @ GEORGIA STATE LINE | 23                | 4                 |
|   | SC-39        | APPROX. 1 MI SOUTH OF I-20                   | 107               | 2                 |
|   | I-20         | MILEPOST 37.7                                | 114               | 4                 |
|   | I-20         | MILEPOST 12.7                                | 115               | 4                 |
|   | I-520        |  | 150               | 4                 |
| BAMBERG   | US-301       | BAMBERG: US 301 @ LITTLE SALKEHATCHIE RIVER  | 4                 | 4                 |
| BARNWELL  | US-78        | IN ELKO @ THE WEST CITY LIMITS               | 9                 | 2                 |
| BEAUFORT  | US-17/21     | YEMASEE: N. OF S-3 SOUTH OF YEMASEE          | 5                 | 2                 |
|   | US-278       | BEAUFORT: @ JARVIS CREEK W OF HILTON HEAD    | 35                | 4                 |
|   | US-278       | HILTON HEAD @ TOLL FACILITY                  | 47                | 4                 |

|          |        |  |     |   |
|----------|--------|--|-----|---|
|          | US-21  | .7 MI S OF S-238 BETWEEN GARDEN CORNER & LOBECO    | 48  | 4 |
|          | US-278 | Cross Island Parkway East Exit Ramp                | 78  |   |
|          | US-278 | Cross Island Parkway West Entrance Ramp            | 79  |   |
|          | SC-170 | BET. S-141 & S-162                                 | 117 | 4 |
|          | SC-170 | Between S-18 & S-20                                | 149 | 4 |
| COLLETON | I-95   | BET SC-64 & SC-63                                  | 89  | 4 |
| HAMPTON  | US-321 | NORTH OF S-616                                     | 63  | 2 |
|          | US-278 | BETWEEN S-280 & S-287                              | 64  | 2 |
|          | SC-3   | BETWEEN S-19 & S-522                               | 65  | 2 |
| JASPER   | I-95   | JASPER: I-95 @ WELCOME CENTER @ GEORGIA STATE LINE | 28  | 4 |
|          | US-278 | BETWEEN S-88 & S-141                               | 67  | 4 |
|          | SC-46  | BETWEEN S-176 & S-304                              | 73  | 2 |
|          | I-95   | MM 31.2 BET. SC-462 & US-17                        | 91  | 4 |

**TRAFFIC COUNTER SITES LOCATED WITHIN EACH CONGLOMERATE**

| COUNTY                              | ROUTE                                 | LOCATION                                | DOT SITE # | THRU LANES |
|-------------------------------------|---------------------------------------|---|------------|------------|
| <b>Central Coastal Conglomerate</b> |                                       |   |            |            |
| BERKELEY                            | I-526                                 | CHARLESTON: @ COOPER RIVER              | 46         | 4          |
|                                     | I-26                                  | BETWEEN SC-27 & S-16                    | 54         | 4          |
|                                     | US-52                                 | BETWEEN S-9 & S-50                      | 58         | 4          |
|                                     | US-176                                | BETWEEN US-17A & S-61                   | 59         | 4          |
|                                     | I-26                                  | BETWEEN US-17A & S-62                   | 70         | 6          |
|                                     | SC-45                                 | N OF S-49                               | 75         | 2          |
|                                     | SC-45                                 | S OF S-1126                             | 76         | 2          |
| CALHOUN                             | I-26                                  | BET. S-31 & US-21                       | 94         | 6          |
| CHARLESTON                          | US-17                                 | JACKSONBORO: US 17 @ EDISTO RIVER       | 2          | 4          |
|                                     | US-17                                 | CHARLESTON @ COOPER RIVER BR            | 6          | 4          |
|                                     | US-17                                 | CHARLESTON @ COOPER RIVER BR            | 7          | 4          |
|                                     | I-26                                  | CHARLESTON: WEST OF SC-642              | 31         | 6          |
|                                     | I-526                                 | CHARLESTON: BTWN S-475 & ASHLEY RIVER   | 34         | 4          |
|                                     | US-17                                 | CHARLESTON: SOUTH OF SC-171 & SC-700    | 40         | 4          |
|                                     | I-26                                  | BETWEEN US-78 & US-52 CON               | 71         | 6          |
|                                     | SC-7                                  | SC-171 TO I-26                          | 85         | 6          |
|                                     | I-526                                 | BET S-97 & S-56 NEAR LONG POINT RD      | 90         | 4          |
|                                     | I-26                                  | replacing seasonal 2191.10              | 124        | 6          |
|                                     | SC-517                                | between US-17 and SC-703                | 142        | 2          |
|                                     | SC-703                                | between I-526 and Intracoastal Waterway | 143        | 2          |
| SC-171                              | between US-17 and Wappoo Creek Bridge | 144                                     | 5          |            |
| DORCHESTER                          | I-95                                  | BETWEEN SC-61 & US-78                   | 55         | 4          |

|            |           |   |     |   |
|------------|-----------|---|-----|---|
|            | US-78     | BETWEEN US-178 & SC-27                        | 60  | 2 |
|            | SC-61     | BETWEEN US-17A & SC-165                       | 61  | 2 |
|            | I-26      | BETWEEN SC-453 & SC-27 @ S-28                 | 72  | 4 |
| LEXINGTON  | US-1      | LEXINGTON: BETWEEN S-169 & S-879              | 1   | 4 |
|            | I-20      | GILBERT: I-20 @ S-625                         | 22  | 4 |
|            | I-20      | BET. US-378 & BUSH RIVER RD.                  | 86  | 6 |
|            | I-20      | MILEPOST 52.8                                 | 111 | 4 |
|            | I-26      | Between I-126 & US-378                        | 125 | 6 |
|            | S-278     | Caulks Ferry Road                             | 151 | 2 |
|            | S-243     | Longs Pond Road                               | 152 | 2 |
|            | S-1257    | Backman Road                                  | 153 | 2 |
|            | S-244     | Old Orangeburg Road                           | 154 | 2 |
| ORANGEGURG | US-21     | IN ORANGEBURG @ RR NW OF US-21 & US-601       | 3   | 4 |
|            | I-26      | ORANGEBURG: @ S-92 NW OF SC-210               | 20  | 4 |
|            | I-95      | BETWEEN I-26 & US-176                         | 56  | 4 |
|            | I-95      | AT SANTEE LAKE Between SC-6 & S-400           | 88  | 4 |
|            | I-26      | MILEPOST                                      | 116 | 4 |
| RICHLAND   | US-21     | COLUMBIA: @ BLOSSOM STREET BRIDGE             | 13  | 4 |
|            | I-26      | WHITE ROCK: @ S-234 NW OF COLUMBIA            | 15  | 4 |
|            | I-126     | COLUMBIA: BTWN BROAD RIVER & GREYSTONE BLVD.  | 21  | 8 |
|            | I-77      | COLUMBIA: @ S-1432 BTWN US-21 & S-52          | 32  | 6 |
|            | I-20      | BETWEEN US-321 & US-21                        | 52  | 6 |
|            | I-77      | BET. I-20 & US-1                              | 92  | 4 |
|            | I-26      | BET. SC-60 & S-757                            | 95  | 6 |
|            | I-77      | MILEPOST 7.3                                  | 113 | 6 |
|            | US-378/76 | .1 MILE EAST OF S-263, NEAR WATEREE RIVER     | 122 | 4 |
|            | I-20      | Between US-176 & SC-215                       | 126 | 6 |
|            | SC-277    | Between SC-555 & S-907                        | 137 | 4 |
|            | I-20      | I-20 E. Windsor Lake                          | 139 | 6 |
|            | US-1      | Between Lexington Co Ln (US-378) to Huger St. | 147 | 4 |
|            | S-2919    | Polo Road                                     | 155 | 2 |
|            | US-176    | Between Piney Grove Rd and St. Andrews Rd.    | 157 | 4 |

| TRAFFIC COUNTER SITES LOCATED WITHIN EACH CONGLOMERATE |        |                                      |            |            |
|--|--------|--------------------------------------|------------|------------|
| COUNTY   | ROUTE  | LOCATION                             | DOT SITE # | THRU LANES |
| <b>Northern Coastal Conglomerate</b>                   |        |                                      |            |            |
| CLARENDON  | US-301 | 1.5 MI. NE OF MANNING BTWN S-40 & S- | 10         | 2          |

|              |           |   |     |   |
|--------------|-----------|---|-----|---|
|              |           | 49  |     |   |
|              | I-95      | MANNING: @ S-49 N OF MANNING                      | 19  | 4 |
| DARLINGTON   | US-52     | NORTH OF S-410 10.2 MI N. OF DARLINGTON           | 37  | 2 |
|              | I-20      | LAMAR: @ SC-403 BTWN LEE CO LN & US-401           | 42  | 4 |
| DILLON       | I-95      | DILLON: @ WELCOME CENTER NEAR NC STATE LINE       | 29  | 4 |
| FLORENCE     | US-378    | BETWEEN SC-51 & S-1329                            | 62  | 4 |
|              | I-20      | BET. SC-340 & I-95                                | 108 | 4 |
|              | I-95      | SC-403 TO US-76 (OLD LOOP SITE-MM 156.6           | 87  | 4 |
|              | I-95      | Between US-52 & S-26                              | 127 | 6 |
|              | I-95      | Between S-26 and SC-327                           | 128 | 6 |
| GEORGETOWN   | US-17     | GEORGETOWN: 1 MI E OF WACCAMAW                    | 11  | 4 |
|              | SC-51     | AT BROWN'S FERRY PARK N OF S-861                  | 74  | 2 |
| HORRY        | US-501    | MYRTLE BEACH: 4.2 MI. NW OF INTRACOASTAL WATERWAY | 18  | 4 |
|              | US-17     | HORRY: US-17 WELCOME CENTER NEAR NC STATE LINE    | 30  | 4 |
|              | SC-9      | HORRY: BTWN WACCAMAW RIVER & S-57                 | 36  | 4 |
|              | SC-544    | BETWEEN S-955 & S-262                             | 66  | 4 |
|              | SC-22     | 1 mi E of S-591                                   | 82  | 4 |
|              | SC-22     | AT S-873 (FOWLER RD)                              | 83  | 4 |
|              | SC-22     | Between Carolina Bays & Intracoastal ww           | 84  | 4 |
|              | US-501    | 1 MI E. OF SC-22                                  | 104 | 4 |
|              | US-501    | 1 MI W. OF SC-22                                  | 105 | 4 |
|              | SC-31     | BET. US-501 & GRISSOM PKWY                        | 118 | 6 |
|              | SC-31     | 1.5 MI S. OF SC-22                                | 119 | 6 |
|              | SC-31     | BET. SC-9 & SC-90                                 | 120 | 6 |
|              | US-17     | Bet. Glen's Bay Rd. & Garden                      | 129 | 4 |
|              | US-17     | Bet. 82nd Ave. & Grissom Parkway                  | 130 | 4 |
|              | US-378    | CONWAY  | 134 | 2 |
| SC-9         | GREEN SEA | 135   | 2   |   |
| MARION       | US-76     | BETWEEN S-315 & S-751                             | 68  | 4 |
|              | SC-41     | MARION  | 133 | 2 |
| WILLIAMSBURG | US-521    | BETWEEN S-81 & S-559                              | 57  | 2 |

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G. Monitoring Critical Roadway Segments

1. Roadway segments with the highest evacuation vehicles to roadway capacity ratio are considered to be critical links for an efficient evacuation.
2. These congested areas control the flow of traffic during a hurricane
  - a. Southern Coastal Conglomerate
    - (1) Beaufort County (South of Broad River):
      - US 278 from Cross Island Parkway to Burnt Church Road
      - Cross Island Parkway and William Hilton Parkway interchange
      - Hilton Head connector I-95 interchange in Jasper County
      - I-16 westbound on ramp from I-95 (in Savannah)
    - (2) Beaufort County (North of Broad River):
      - US 21 and Lady's Island Drive
      - US 21 and US 17 intersection at Gardens Corner
      - US 21 through Beaufort
      - US 21 and SC 280 intersection
    - (3) Jasper County:
      - Hilton Head connector I-95 interchange
      - US 278 through Ridgeland
      - US 17-I-95 interchange
    - (4) Colleton County:
      - Alt. 17 through Walterboro
      - SC 64 through Walterboro
      - SC 174 and US 17 intersection (in Charleston County)
    - (5) Inland Counties:
      - US 278 through Hampton (in Hampton County)
      - US 278 and SC 64 intersection in Barnwell (in Barnwell County)
      - US 21 through Orangeburg (in Orangeburg County)

- US 301 and US 278 intersection (in Allendale County)
  - SC 68 and US 278 intersection (in Hampton County)
- b. Central Coastal Conglomerate
- (1) Charleston County:
- I-26 and Mark Clark Expressway interchange
  - Folly Road south of new James Island Bridge connector
  - I-26/I-95 interchange (in Orangeburg County)
  - I-26 north of Exit 208/US 52 connector (3 NB to 2 NB lane transition)
  - Maybank Highway and Folly Road Intersection
  - I-26 from Cosgrove Avenue to Mark Clark Expressway
  - Cooper River Bridge (US 71)
  - I-526 high level structures (wind vulnerability)
- (2) Dorchester County:
- I-26, US 52 through Moncks Corner
  - Alt 17 and I-26 interchange
- (3) Inland Counties:
- I-26/I-95 interchange (in Orangeburg County)
  - US 21 intersections through Orangeburg
  - I-26 and I-77 interchange (in Lexington County)
  - I-20 and I-77 interchange (in Richland County)
  - SC 61 at Alt 17 area
- c. Northern Coastal Conglomerate
- (1) Horry County:
- US 501 between US 17 Bypass and Conway
  - Business 501 from SC 544 through Conway
  - US 501 and SC 319 intersection at Aynor
  - 21 Street and US 17 Bypass intersection
  - US 501 through Conway

- SC 319 and US 701 intersection north of Conway
- SC 9 and US 76 intersection
- (2) Georgetown County:
  - US 521 from Alt 17 through Andrews
  - US 17/US 701/US 521 intersection in Georgetown
  - US 521/Alt 17 through Georgetown
- (3) Inland Counties:
  - US 501 and US 76 intersection at Marion (Marion County)
  - US 521 and US 52 intersection (Williamsburg County)
  - US 521 through Manning (Clarendon County)
  - US 76/US 301 through Florence (Florence County)
  - I-95 northbound on ramps (Florence and Dillon Counties)
  - US 521/US 378 intersection in Sumter (Sumter County)
  - I-20 westbound on ramps (Darlington and Lee Counties)

3. High profile Bridge closures

- a. Due to onset of high winds, certain bridges may need to be closed to vehicle or water traffic for safety. Closure of these bridges will be a local decision based on current wind conditions.
- b. Prior to closure, County EOCs will coordinate the closure with state ESF-1/SCDOT.
- c. The following lists those bridges that could be closed due to high winds:

| <b>HIGH PROFILE BRIDGES</b> |                |                       |                 |
|-----------------------------|----------------|-----------------------|-----------------|
| <b>COUNTY</b>               | <b>ROADWAY</b> | <b>BODY OF WATER</b>  | <b>LOCATION</b> |
| Beaufort                    | SC 170         | Broad                 |                 |
| Beaufort                    | SC 170         | Chechessey            |                 |
| Beaufort                    | SC 802         | Intracoastal Waterway | McTeer Bridge   |



|          |        |                       |  |
|----------|--------|-----------------------|--|
| Beaufort | SC 802 | Battery Creek         |  |
| Beaufort | US 21  | Whale Branch          |  |
| Beaufort | US 21  | Intracoastal Waterway |  |
| Beaufort | US 21  | Harbor River          |  |

| <b>HIGH PROFILE BRIDGES</b> |                |                            |                                  |
|-----------------------------|----------------|----------------------------|----------------------------------|
| <b>COUNTY</b>               | <b>ROADWAY</b> | <b>BODY OF WATER</b>       | <b>LOCATION</b>                  |
| Beaufort                    | US 21          | Johnson Creek              |                                  |
| Beaufort                    | US 278         | Intracoastal Waterway      |                                  |
| Beaufort                    | US 278         | Toll Bridge to Hilton Head |                                  |
| Beaufort                    | US 21          | Intracoastal Waterway      |                                  |
| Berkeley                    | SC 41          | Wando                      |                                  |
| Berkeley                    | US 17 Alt      | Tail Race Canal            |                                  |
| Berkeley                    | US 17 Alt      | Santee                     |                                  |
| Charleston                  | S-10-20        | Intracoastal Waterway      | Limehouse Bridge                 |
| Charleston                  | SC 7           | Ashley                     | North Bridge                     |
| Charleston                  | SC 30          | Ashley                     | James Island Connector           |
| Charleston                  | SC 171         | Intracoastal Waterway      | Wappoo Cut                       |
| Charleston                  | SC 174         | Intracoastal Waterway      | Dawhoo                           |
| Charleston                  | SC 517         | Intracoastal Waterway      | Isle of Palms Connector          |
| Charleston                  | SC 700         | Stono                      | Maybank Bridge                   |
| Charleston                  | SC 703         | Intracoastal Waterway      | Ben Sawyer                       |
| Charleston                  | SC 703         | Breech Inlet               | Breech Inlet                     |
| Charleston                  | US 17          | Cooper                     | Arthur Ravenel                   |
| Charleston                  | US 17          | Ashley                     | Old and New Ashley River Bridges |
| Charleston                  | I 526          | Ashley                     | Westmorland Bridge               |

|            |        |          |                       |
|------------|--------|----------|-----------------------|
| Charleston | I 526  | Cooper   | Don Holt Bridge       |
| Charleston | I 526  | Wando    | Wando Bridge          |
| Jasper     | US 17  | Black    | Talmadge Bridge       |
| Jasper     | SC 119 | Savannah | Savannah River Bridge |

4. The following swing and draw bridges may be closed to water traffic prior to the onset of Tropical Force winds.

| <b>SOUTH CAROLINA SWING AND DRAW BRIDGES</b> |                |                 |
|--|----------------|-----------------|
| <b>COUNTY</b>                                | <b>ROADWAY</b> | <b>LOCATION</b> |
| Horry  | SC 9           | Little River    |
| Charleston                                   | SC 171         | Wappoo Cut      |
| Charleston                                   | SC 703         | Ben Sawyer      |
| Charleston                                   | US 17 N        | New Ashley      |
| Charleston                                   | US 17 S        | Old Ashley      |
| Beaufort                                     | US 21          | Harbor River    |
| Beaufort                                     | US 21          | Lady's Island   |

H. Comfort Stations

1. Comfort Stations are designated points along I-26 which are to be supplied with portable toilets and potable water. Comfort Stations augment the existing facilities at rest areas during a mandatory evacuation.
2. The Comfort Stations along the I-26 corridor are located in the following rest areas:
  - East and west bound rest area facilities in Charleston County
  - East and west bound weigh stations in Dorchester County
  - East and west bound rest area facilities in Orangeburg County
  - East and west bound rest area facilities in Calhoun County

3. Water Supply for Comfort Stations
  - a. SCDOT will have a contract vendor provide the water at each of the eight (8) Comfort Stations. This contract will be in effect at the beginning of each hurricane season.
  - b. SCDOT will supply each site with 18,000 20-oz. bottles of water.  
SCDOT will utilize its Supply Depot trucks to haul the water from the vendor's location to each of the eight (8) sites. One truck will deploy to each site simultaneously.
  - c. Once ESF-1 (Transportation) is notified of a pending lane reversal, SCDOT will begin loading and transporting water to the Comfort Stations.
  - d. SCDOT requires eight (8) hours to load and deliver the water for the  
Comfort  
Stations.
4. Portable Toilets for Comfort Stations
  - a. Upon notifications of a mandatory evacuation, SCDOT will stock each Comfort Station with a minimum of 20 portable toilets. SCDOT will have a contract in place at the beginning of each hurricane season, which will utilize vendors in close proximity to each Comfort Station.
  - b. SCDOT will have portable toilets delivered to all locations within eight (8) hours from Notice of Pending Lane Reversal.

I. SCDOT Highway Advisory Radios (HAR)

1. HARs are used to disseminate information to the public during emergency conditions such as a lane reversal. SCDOT presently has 12 HARs in their inventory.
2. SCDOT will station HARs at the following locations:

**Horry County - 5 HARs**

- HAR\_504 @ DMS 504 US 17 BY-PASS @ SC 544
- HAR\_505--17 S AT SC 22 @ DMS 506
- HAR\_506 US 501 AND 22, Aynor
- HAR\_502 @ CAM 03 US 501 N @ SC 544

- HAR\_501 Portable relocated to US 378 E @ Dirty Branch Rd

**Marion County- 3 HARS**

- Portable HAR 21 US 501 N Approximately 1500' S of Amphitheater
- Portable HAR 22 US 76 E Approximately 3000' E of US 76/SC 576
- Portable HAR 24 US 576 E 2 Miles W of SC 41 ALT

**Dorchester County- 3 HARS**

- HAR\_609 I-26 East at MM 174
- HAR\_103 I-95 N MM 79
- HAR\_604 @DMS 619 I-95 NB @ MM 4

**Jasper County- 1 HAR**

- HAR\_610 @ SC 46 Hardeeville

3. Locations may vary as operations dictate, but it is expected all HARS will remain in the general vicinities mentioned above.
  4. All HAR radios except the (3) older devices in Florence are programmable through Palguide. The (3) radios in Florence are manually programmed.
- J. The National Guard (SCNG) will pre-stage Vehicle Recovery Teams (VRT's) to support evacuation operations at the following locations:
1. Northern Conglomerate:
    - US 501 at SC 41 Alternate.
    - US 501 at Pine Island Bridge.
    - US 501 at SC 544.
    - US 501 at SC 22.
    - Galivants Ferry at US 501
  2. Central Conglomerate:
    - I-26 at US 21 (Exit 129)
    - I-26 at US-601 Overpass (Exit 145)
    - I-26 at SC 453 (Mile Marker 177)

- I-26 at College Park Road (Mile Marker 203)
- I-26 at I-526 (Mile Marker 213) Traffic Control Point Staffing

3. Southern Conglomerate:

- U.S. 278 and the Cross Island Parkway
- U.S. 278 and SC 170 McGarveys
- I-95 exit 33 (Highway 21 Point South)
- US 21 at US 17 at Gardens Corner
- US 21 at SC 116 (MCAS Armory)