Comprehensive Emergency Management Plan

Horry County
SOUTH CAROLINA
Committed to Excellence

Section 6-Hurricane Annex

January 2025

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Annex 6 – 2 Hurricane Annex

I. PURPOSE

The purpose of this annex is to supplement the Horry County Emergency Operations Plan by establishing procedures specific to response operations during a hurricane or tropical system. Special emphasis is placed on the use of operational conditions and evacuation to increase the safety of the citizens of Horry County.

II. SITUATION

The Atlantic hurricane season is June 1st through November 30th; during such time, Horry County is on heightened alert to the possibility of approaching tropical systems. On a day-to-day basis, the Horry County Emergency Management Department continually monitors the current weather affecting the county as well as weather conditions and systems that may impact the county in the foreseeable future. There are a number of weather-related resources that assist in the identification of weather-related conditions, such as: The National Weather Service, The National Hurricane Center, and a suite of tools and predictive models.

The department transitions from normal, day-to-day operations to a state of heightened situational awareness when models indicate that an approaching weather system, whether an actual or anticipated tropical depression, tropical storm or hurricane could impact the Horry County coast.

Hazard and threat analysis information is maintained as part of the Horry County All Hazards Mitigation plan. Identified in the threat analysis are high-risk areas (i.e., population, infrastructure and environmental).

III. ASSUMPTIONS

A. Horry County will generally receive several days of early warning of an impending hurricane through the National Hurricane Center (NHC), the National Oceanic Atmospheric Administration (NOAA), and the National Weather Service (NWS). There is potential for response to a storm with less than normal warning time as seen in 2004 when Hurricane Gaston developed 140 miles off the South Carolina coast intensifying from a tropical depression to hurricane in 48 hours.

B. Horry County will use this warning time to prepare using plans, protocols and procedures predefined and coordinated in this and other plans.

C. Mutual Aid Compacts and Agreements will enable assistance in shortfall areas of personnel, equipment and logistics; state-to-county, county-to-county, and county-to-municipality.

D. Horry County Council shall declare a State of Emergency to temporarily suspend normal government functions.

E. The citizens of Horry County will respond to an evacuation order or otherwise prepare themselves for an approaching hurricane.

F. A hurricane may trigger only a State and local response without a Federal response.

G. Effective communications shall be a major concern due to the disruption of telephone service and the loss and/or damage of radio antenna towers and related equipment.

H. A hurricane may result in large numbers of casualties and/or displaced people that will very quickly overwhelm local and State capabilities.

I. There will be increased security in evacuated areas to prevent looting.

J. Resources will be critical due to an increase in demand from surrounding counties.

K. Both response and recovery operations may be hampered by blocked roads, damaged bridges or roads, and downed trees and utility poles.

IV. CONCEPT OF OPERATIONS

A. General

1. This plan is used in conjunction with the responsibilities outlined in the Emergency Operations Plan and its annexes.

2. Groups and individuals responding for hurricane operations will do so generally using procedures parallel to their normal day-to-day operations.

B. Operating Conditions Levels (OPCONS)

1. Horry County shall use Operating Condition Levels as the overall tool for hurricane planning and response, thus facilitating the action of both emergency management and emergency response personnel.

2. Due to the nature of hurricane planning and the need to facilitate a possible coastal evacuation, traditional OPCON Levels must be modified for this plan. This modification helps to implement a coastal evacuation and shelter activations well before the system makes land-fall. The Operating Condition Levels (OPCONs) are based on timing required to begin and complete an evacuation of the hurricane evacuation zones (Attachment B). Evacuation of appropriate coastal zones must be complete prior to the arrival of tropical storm force winds. Therefore the evacuation decision must be made in some instances days prior to landfall. Periodically, a tropical system will intensify rapidly; which will require flexibility in the transition between OPCONs. See the Horry County Evacuation Decision Timeline (Attachment A).

3. To ensure that all activated personnel in the county, northern conglomerate and the state have a unified response, the previous OPCON modifications were also coordinated with the State Hurricane Plan.

OPCON 3

June 1st is the first day of hurricane season. Horry County will remain at OPCON 3, day-to-day operations until the National Hurricane Center identifies a tropical system that places Horry County within the five-day error cone. Reference the EOP, Preparedness Section for pre-storm preparedness activities.

Emergency Management Department

a) Daily monitor the National Hurricane Center (NHC) Atlantic Graphical Tropical Weather outlook website.

b) Monitor further development of NHC-identified areas of possible tropical cyclone formation.

c) Communicate internally with Horry County Senior Staff.

d) Email County Stakeholders' distribution list of general information if a storm is named.

e) Monitor and update website and social media applications.

NHC FIVE-DAY ERROR CONE FORECAST

Once the National Hurricane Center identifies a tropical system that places Horry County within the five-day error cone, key personnel are notified of the possible threat, and initiation of preparatory activities should be considered. The EOC will not be activated at this stage.

County Administrator

a) Update Horry County Council on the actions being performed by county agencies and departments.

b) Consider activation of the EOP and Hurricane Annex as recommended by the EMD Director.

Public Information

a) Update the Horry County Government website with press releases and local advisories.

b) Encourage Special Needs evacuation preparations.

c) Monitor and update website and social media applications.

Emergency Management Department

a) Review the advisory package forecast data. Determine projected evacuation timelines.

b) SCEMD led conference calls with coastal counties and the National Weather Service.

c) Send out emails after each NHC package update of track and forecast.

d) Sign in and follow NWS Slack.

e) Discuss and coordinate current situation and future actions with the following agencies:

i. SCEMD
ii. NWS, Wilmington
iii. Georgetown County Emergency Management Department
iv. Marion County Emergency Management Department

f) Discuss, coordinate and update on current situation and future actions with local municipalities:

i. Town of Atlantic Beach
ii. Town of Aynor
iii. Town of Briarcliffe Acres
iv. City of Conway
v. City of Loris
vi. City of Myrtle Beach
vii. City of North Myrtle Beach
viii. Town of Surfside Beach

g) Update Brunswick and Columbus Counties, North Carolina, on the current status of Horry County OPCON level.

h) Establish an event in Palmetto.

i) Contact the area Chamber of Commerce and the Clay Brittain Jr. Center for Resort Tourism to verify the tourist profile, scheduled special events, etc.

j) Check scheduling and determine who is scheduled to use the EOC. Notify them that they are subject to be rescheduled.

k) Consider notification through the EOC alert roster.

l) Participate in Department of Public Health (DPH) led nursing home conference calls.

m) Update county departments that may be most affected by the tropical system hazards as appropriate.

n) Advise EMD staff to prepare for a possible change to OPCON 2.

Maintenance

a) Ensure that the emergency generator is operational at the Randall S. Webster Emergency Operations and Communications Center. Ensure fuel tanks are full.

b) Be prepared to provide facility support for activations.

Sheriff's Office

a) J. Reuben Long Detention Center to review procedures to draw down the detainee population.

OPCON 2

Once Horry County is in the three day error cone, Horry County will move to OPCON 2. The EOC will be activated at this level, either at a partial or full status. The primary events that will occur will include evacuation discussions, conducting pre-evacuation conferences, intelligence and information gathering, resource management and other preparatory activities.

Executive Group

a) Discuss possible evacuation options with the Governor, municipal leaders, state and federal delegation and if appropriate make a recommendation for evacuation.

b) The County Administrator to coordinate with the County Council to prepare a draft "State of Emergency."

c) Preliminary discussion and evaluation of emergency ordinances.

d) Coordinate with the Human Resources Director regarding canceling leave for all essential personnel and closure of government functions and facilities.

e) Consider activation of resources contract based on recommendation by the EOC Manager.

Emergency Management

a) Recommend implementation of the EOP and Hurricane Annex.

b) Recommend the activation of the EOC, based on the situation; determine if partial or full activation is required.

c) Review the advisory package forecast data. Determine projected evacuation timelines.

d) Discuss and coordinate the current situation, future actions, and potential evacuation zones with the following agencies:

i. SCEMD
ii. NWS, Wilmington
iii. Georgetown County Emergency Management Department
iv. Marion County Emergency Management Department

e) Discuss, coordinate, and update on current situation and future actions with local municipalities. Be prepared to discuss local issues that might impact the evacuation, such as local festivals, golf tournaments, road construction, etc.

i. Town of Atlantic Beach
ii. Town of Aynor
iii. Town of Briarcliffe Acres
iv. City of Conway
v. City of Loris
vi. City of Myrtle Beach
vii. City of North Myrtle Beach
viii. Town of Surfside Beach

f) Update Brunswick and Columbus Counties, North Carolina, on Horry County's current OPCON level status.

g) Recommend activation of emergency logistical support contract to Executive Group, as appropriate.

h) Encourage departments/agencies to begin documenting hours and activities in each department.

i) Send a resource request to SCEMD for a National Guard Liaison Officer for the EOC.

ESF 1 – Transportation

a) Coordination with CoastRTA regarding evacuation pick-up points.

ESF 2 – IT/Communications

a) Consider the coordination of an Amateur Radio Net, primarily with EOCs and hurricane evacuation shelters in the county.

b) Activate the EOC phone bank and the Joint Information Center phone lines.

c) Confirm iRISS incident information, such as significant events and road closure information, is operational.

ESF 3 – Public Works/Engineering

a) Check the evacuation routes and verify that they are prepared for maximum traffic volume. Report any problems that could affect the evacuation.

b) Ensure all critical vehicles and equipment are in a ready state.

c) Maintenance to prepare for closure and securing of government buildings.

ESF 4 – Fire/Rescue

a) Coordinate the movement and/or protection of fire equipment during the storm's impact.

ESF 5 – Information and Planning

a) Will utilize HurrEvac, HAZUS, and SLOSH to develop and provide timely and accurate actionable intelligence.

ESF 6 – Mass Care

a) Coordinate the possible opening of hurricane evacuation shelters, medical needs shelters, and critical transportation needs pickup/evacuation. Verify Horry County shelters are capable of sustaining operations and that required personnel are notified if in county shelters are to be used.

b) Discuss with school district officials shelter schedule modifications and school closings.

c) If county shelters will be opening, communicate with the SCEMD and Transportation Management Services for critical transportation needs evacuation and support. (Notification must be made 60 hours in advance of evacuation start time)

d) If county shelters will be opening, make a request through SCEMD to have staff brought down to run the CTN Collection point.

e) If county shelters will be opening, complete SCEMD's table for CTN evacuees.

ESF 7 – Resource Support

a) Review food operations for the EOC and consider activation of the caterer per resources contract.

b) Consider implementing the Logistics plan.

c) Consider implementing emergency procurement procedures.

ESF 8 – Public Health

a) Monitor possible evacuations of hospitals and nursing homes, if applicable.

b) Maintain awareness of Medical Needs Sheltering, if applicable.

ESF 13 – Law Enforcement

a) Discuss security measures pre and post-storm.

b) Develop a security plan for evacuation zones.

c) Coordinate with SCDNR to determine closing times for Intracoastal Waterway turn-bridges.

ESF-15 – Public Information

a) Communicate to County staff about anticipated County operations.

b) Communicate to residents and visitors anticipated impacts and operational changes.

ESF 16 – Emergency Evacuation

a) Prepare to implement the traffic evacuation procedures.

b) Coordinate the additional resources for evacuation traffic control points, if applicable.

ESF 22 – Air Operations

a) Prepare to implement procedures for evacuation for commercial and private aircraft.

b) Prepare for the closure and securing of airport facilities.

ESF 24 – Business and Industry

a) Coordinate with local businesses regarding the situation.

b) Identify major events and special activities that could impact the evacuation.

c) Consider coordinating with directors of special public activities and events.

OPCON 1

Once an evacuation is ordered by the Governor, the OPCON automatically moves to OPCON 1. At this level, the primary activity will be the evacuation of vulnerable populations and hurricane evacuation shelter management. The EOC will remain at full activation throughout the evacuation and landfall.

Executive Group

a) Implement the closure of county facilities, as appropriate.

b) Consider limiting the response of high-profile and lightweight emergency service response vehicles when sustained winds are 40 mph as conditions are too dangerous.

c) Consider suspending all emergency service responses when sustained winds are 60 mph as conditions are too dangerous.

Emergency Management

a) Discuss and coordinate current situation and future actions with the following agencies:

i. SCEMD
ii. NWS, Wilmington
iii. Georgetown County Emergency Management Department
iv. Marion County Emergency Management Department

b) Discuss, coordinate, and update the current situation and future actions with local municipalities.

i. Town of Atlantic Beach
ii. Town of Aynor
iii. Town of Briarcliffe Acres
iv. City of Conway
v. City of Loris
vi. City of Myrtle Beach
vii. City of North Myrtle Beach
viii. Town of Surfside Beach

c) Update Brunswick and Columbus Counties, North Carolina, on the current status of Horry County OPCON levels.

ESF 2 – IT/Communications

a) Monitor the status of all communication systems. Coordinate for immediate repair or replacement following landfall.

ESF 3 – Public Works/Engineering

a) Complete actions to protect critical county facilities and infrastructure.

b) Move and disperse equipment to safe areas, as required.

c) Begin planning for debris management following impact.

d) Monitor the evacuation and ensure traffic moves as rapidly as possible.

e) Begin preparations for an immediate assessment of the road network following the storm's impact.

f) Review the priority for assessing and clearing the roads. (Attachment E)

ESF 4 – Fire/Rescue

a) Move equipment to safe areas, as required.

b) Develop a plan for post-impact search and rescue of the impacted areas.

ESF 6 - Mass Care

a) Monitor the status of the evacuation shelters and critical transportation that needs evacuation. Determine if supplemental evacuation shelters are necessary. Coordinate closely with other agencies.

b) Document shelter occupancy levels for hurricane evacuation shelters/host-county shelters and medical needs shelters.

c) Begin planning for the transition from hurricane evacuation shelters to post-impact shelters.

d) Begin preparing for repatriation of critical transportation need evacuees from county shelters or from host-county shelters.

ESF 7 – Resource Support

a) Identify possible staging areas.

b) Identify resource needs.

ESF 8 – Public Health

a) Monitor any evacuations of medical facilities, if applicable.

b) Maintain awareness of Medical Needs Sheltering, if applicable.

ESF 13 – Law Enforcement

a) Monitor the evacuation routes and maintain maximum traffic flow.

b) Review and plan to implement re-entry.

c) Plan for post-impact security requirements.

V. ANNEX MAINTENANCE

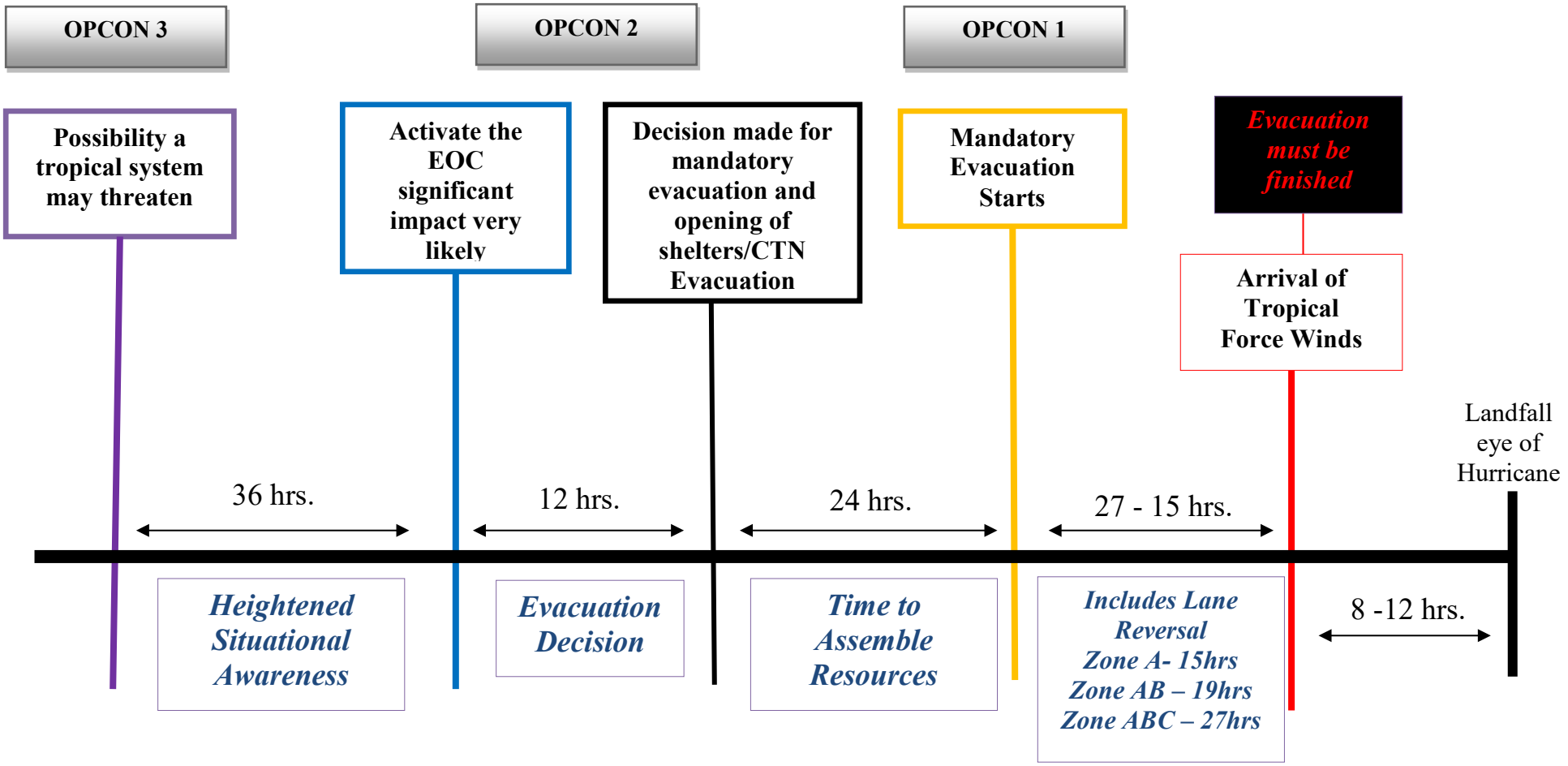
Horry County Emergency Management has the responsibility of coordinating, developing and maintaining the Hurricane Annex and is the designated Lead Agency. The Hurricane Annex will be updated in conjunction with the CEMP as stated in Section VII, Plan Development and Maintenance. It is important to remember that all sections of this plan are dynamic and subject to change to address any needs or to resolve any problems as they may arise during the course of the year.

ATTACHMENTS

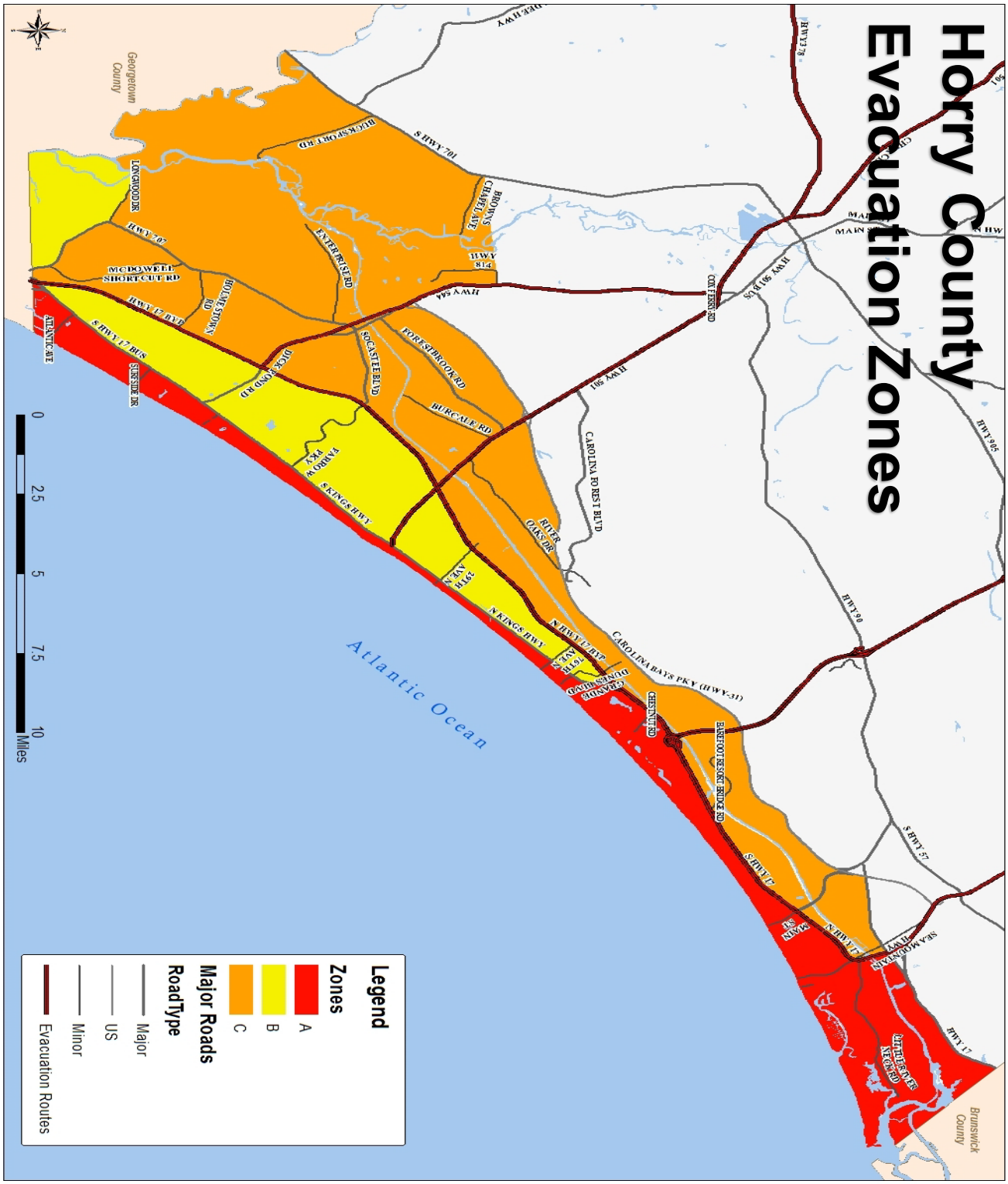
A. Horry County Evacuation Decision Timeline
B. Horry County Evacuation Zone Maps
C. Horry County Evacuation Shelters & CTN Evacuees
D. CoastRTA Evacuation Pickup Map
E. Horry County Prioritized Roads
F. SCEMD Evacuation Compliance Worksheet
G. SCEMD CTN Staffing and Typing Worksheet

ATTACHMENT A

Horry County Evacuation Decision Timeline



ATTACHMENT B


Horry County
Evacuation Zones
Legend
Zones
A
B
C
Major Roads
RoadType
Major
US
Minor
Evacuation Routes
0
2.5
5
7.5
10
Miles
Atlantic Ocean
Georgetown County
Brunswick County
HWY 17
HWY 501
HWY 90
HWY 9
HWY 544
HWY 31
HWY 57
HWY 707
HWY 22
HWY 905
HWY 544
HWY 9
HWY 31
HWY 17
HWY 17 BUS
HWY 17 BYP
HWY 544
HWY 905
HWY 9
HWY 31
HWY 57
HWY 707
HWY 22

ATTACHMENT C

Emergency Management Department

SAMUEL HODGE

Hurricane Sheltering for General Population

This attachment provides a framework for establishing, opening, and demobilizing hurricane shelters to be used for pre-land falling hurricanes for the general population once a mandatory evacuation order is issued by the Governor or HCEMD deems an emergency shelter necessary for emergency situations. This attachment does not address sheltering in any other capacity.

Horry County is vulnerable to the storm surge produced by tropical systems. Hurricane sheltering is generally tied to the anticipated evacuation due to hurricane storm surge and is coordinated with the South Carolina Emergency Management Division along with the Governor's Office. Hurricane shelter facilities will not be located in any known storm surge zone nor mapped flood zone in Horry County.

1. Hurricane shelter coordination between Horry County Emergency Management, Horry County School District, CoastRTA, DSS and the American Red Cross will be done on an annual basis before the beginning of each hurricane season.

2. Discussions regarding opening shelters will begin as soon as there is a recognized threat of storm surge in Horry County. These discussions will include the current forecast, potential impacts to evacuation zones, anticipation of when a mandatory evacuation order may be issued, and whether or not an emergency shelter will be necessary if no mandatory evacuation order is issued.

3. Preparations to open may begin at the designated hurricane shelters or emergency shelter once it is determined that the Governor may issue a mandatory evacuation order or due to the threat of an approaching tropical system.

4. During hurricane evacuation sheltering, the shelter capacity totals are reflected in the first column in the tables below and are 20 square feet per person. For hurricane evacuation sheltering during pandemic operations, the shelter capacity is reflected in the second column in the tables below and is 60 square feet per person. Hurricane evacuation shelters will be opened in the following sequence:

5. All Main Shelters will open at the start of the Governor ordered Hurricane Evacuation start time. This will include Ocean Bay Middle School, which will be the facility, used for CTN (Critical Transportation Need) shelterees.

6. Upon assessment by the Emergency Management staff, ESF 6 partners, and Horry County School District, the Reserve Shelter list will be activated on an as-needed basis. Generally speaking, the Main Shelters will have hit a capacity of 60% before the additional reserves will open.

7. During pandemic conditions, three additional shelters will be available as extra reserve shelters and will serve as a third tier of available locations for sheltering residents. Horry County Emergency Management added the additional reserve shelter tier to offset capacity loss in the Main and Reserve shelter list, due to pandemic conditions and guidance from the Red Cross. The activation of these shelters will follow the normal process outlined in Step 2 and will occur when the reserve shelters have hit a capacity of 60%.

8. Should an evacuation order not be issued by the Governor and HCEMD believes, based on anticipated storm impacts, that an emergency shelter is necessary, a request will be submitted through Palmetto to establish an emergency shelter in Horry County. The request will include staffing from both the Red Cross and DSS. HCEMD anticipates opening at least one (1) centrally located emergency shelter for tropical system events that do not include a mandatory evacuation by the governor. For non-school sheltering, Carolina Forest Recreation Center has been identified as the primary shelter to be opened. Depending on the nature of the impending threat, additional shelters may be necessary

9. Shelter operations will be governed by the multi-agency agreements in place at the time the shelters are activated.

10. Overall coordination of sheltering and mass care will be organized through the Emergency Support Function (ESF6) in the Horry County Emergency Operations Center.

11. Red Cross is the lead ESF 6 partner and the organization responsible for Hurricane shelter management and operations.

12. During shelter operations, regular updates of the status of each shelter including the current number of people located in the shelter shall be provided by ESF 6 to the EOC Section Liaison, EOC Manager or Emergency Management Director.

13. Issues that arise during shelter operations, which may not be addressed in the shelter agreement, will be forwarded to the Emergency Management Director or EOC Manager for resolution.

14. Horry County Emergency Management, Horry County Schools (when applicable), DSS, and the American Red Cross will coordinate on demobilizing the evacuation and emergency shelters as quickly as possible post event. It is important to note that demobilization may need to occur within four to six hours upon notification of demobilization from HCEMD. It is necessary to re-open schools or resume normal operations for non-school facilities as soon as feasible to help to stabilize the community. As a general rule schools will not be used for post-hurricane sheltering.

15. Following each hurricane season, Horry County Emergency Management will review the current shelter list and determine any changes that need to be made and implemented before the next hurricane season. For specifics on shelter management and operations during pandemics, please see the American Red Cross shelter management plan.

Horry County Hurricane Shelters 2025

Main Shelters

CTN- Critical Transportation Need – Execute Bus routes with Pick-up Points

Shelter	20 Sq. Feet	60 Sq. Feet	110 Sq. Feet
Aynor Middle School	420	140	76
Conway High School	579	193	105
Loris High School	584	195	106
North Myrtle Beach High School	290	97	53
Ocean Bay Middle School (CTN) - Limited Routes (Non-Advertised)	356	119	65
Main Shelter Capacity	**2229**	**744**	**405**

Reserve Shelters

Aynor High School	398	133	72
Loris Middle School	420	140	76
Reserve Shelter Capacity	**818**	**273**	**148**
Total Shelter Capacity (Shelters & Reserve)	**3047**	**1017**	**553**

Additional Reserve Shelters During Pandemic Conditions

Whittemore Park Middle School	369	123	67
Green Sea Floyds High School	213	71	39
Black Water Middle School (CTN) – Limited Routes (Non-Advertised)	536	179	97
Additional Reserve Shelter For Pandemic Condition Capacity	**1118**	**373**	**203**
Total Shelter Capacity (All Shelters Totaled)	**4165**	**1390**	**756**

Critical Transportation Needs Evacuations

In the event the hurricane is forecasted to be a category 2 or higher storm Horry County will not be capable, due to structural limitations in the current shelter list, to open shelters in Horry County. This plan will address the needs of those residents in mandatory evacuation zones in Horry County without available transportation to public shelters outside of Horry County. These evacuees will be known as Critical Transportation Need Evacuees (CTN) and Horry County's ESF 6 Mass Care Team (Horry County, CoastRTA, State Emergency Management Division, DSS, Red Cross, Horry County School District and Transportation Management Services) will work together to get these evacuees to public shelters in other counties. Likewise, Horry County's ESF 6 Mass Care Team will work together to bring the CTN evacuees back to Horry County, once the Governor's mandatory evacuation order has been lifted and the local jurisdictions have deemed the areas safe.

The planning number for CTN evacuees is 1000. This number was determined by reviewing sheltering numbers and evacuation compliance from both the 2016 and 2018 Hurricane seasons, in which CTN shelter numbers never topped 250 people. The timing of the CTN evacuation process is crucial. Evacuation of the CTN population has to be completed well before the arrival of tropical storm-force winds on the coast.

The plan below assumes the collection point facility referenced in the below-planning document will be Ocean Bay Middle School, located at 905 International Drive, MB SC 29579. Horry County Government has obtained an agreement with Horry County School district to use this facility for this purpose.

It is understood that CTN evacuation will take longer and require more resources for CTN operations during pandemics. Horry County has coordinated with the ESF 6 Mass Care team for planning to ensure those needs and additional steps are in place.

1. Discussions regarding CTN evacuation will begin as soon as there is a recognized threat of storm surge in Horry County. These discussions will include the current forecast, potential impacts to evacuation zones, and anticipation of when a mandatory evacuation order may be issued.

2. Coordination between, Horry County, SCEMD, CoastRTA, Red Cross, SC Department of Social Services and the School District will begin to occur prior to the anticipated evacuation start time and during any evacuation process. Special care will be taken to ensure the evacuation time window will allow for the CTN evacuation to finish prior to the arrival of tropical storm-force winds on the coast.

3. Horry County will request CTN resources from the State Emergency Operations Center 60 hours in advance of the start of evacuations and will forward-stage those assets, pre-evacuation order, at Carolina Forest Recreation Center (2254 Carolina Forest Blvd MB, SC 29579). Horry County will provide 24-hour security on-site at the forward-staging location. For operations occurring during pandemic conditions Horry County will need to request CTN resources from the State Emergency Operations Center 80 hours in advance of the start of evacuations.

4. Once an evacuation order goes into effect CoastRTA will use their pre-determined routes to do pickups of CTN evacuees in the evacuation zone. A list and map of these established pick-up points is available year round on CoastRTA's website and will be messaged at the time of the event. (See Attachment D)

5. CoastRTA will manage the coordination of pickups both along the predetermined route and for any CTN evacuees who have disability needs and are unable to make it to those points.

6. CTN evacuees will be transported by CoastRTA to the collection point (Ocean Bay Middle), which will be run by SCEMD & Transportation Management Services. Additional coordination and assistance at the collection point (Ocean Bay Middle) will be provided by Red Cross and the Department of Social Services.

7. Horry County will provide an onsite liaison for coordination, law enforcement for security and traffic control, and an onsite medic unit for support of the state-managed collection point (Ocean Bay Middle). HC employees will staff CP Manager Position, Security, and a Medical Station.

8. Once CTN evacuees are dropped off by CoastRTA at the collection point (Ocean Bay Middle), they will be directed by CTN staff to proper screening, processing, and registration areas at the facility.

9. CTN evacuees, once processed, will be assigned to motor coaches that will take them to host-county shelters for the duration of the event.

10. Horry County will utilize the ESF 6 (Red Cross and Department of Social Services) representatives in the EOC to maintain situation awareness of the CTN evacuees at the host-county shelters.

11. Prior to the Governor rescinding the evacuation order, Horry County will be working with SCEMD, TMS, Red Cross, and DSS to coordinate repatriation of the CTN evacuees to Horry County.

12. Once the Governor rescinds the evacuation order and the area has been deemed safe by the local jurisdictions, the return process will be initiated.

13. SCEMD and Transportation Management Services will manage the repatriation of the CTN evacuees. Assistance and support will be provided by ESF 6. (Red Cross & Department of Social Services)

14. CTN evacuees at host-county shelters will be screened, processed, and assigned to motor coaches that will return them to the Horry County collection point* for transfer to CoastRTA shuttles. (*If the collection point for repatriation will interfere with the facilities return to normal operations or if post-storm shelters have been established, an alternate facility from the pre-storm collection point may need to be identified.)

15. When CTN evacuees arrive at the Horry County collection point (Ocean Bay Middle), SCEMD and Transportation Management Services will manage and direct CTN evacuees to CoastRTA shuttles, which will run return routes to the original pickup points or post-storm shelters if they have been established and the evacuee chooses this option.

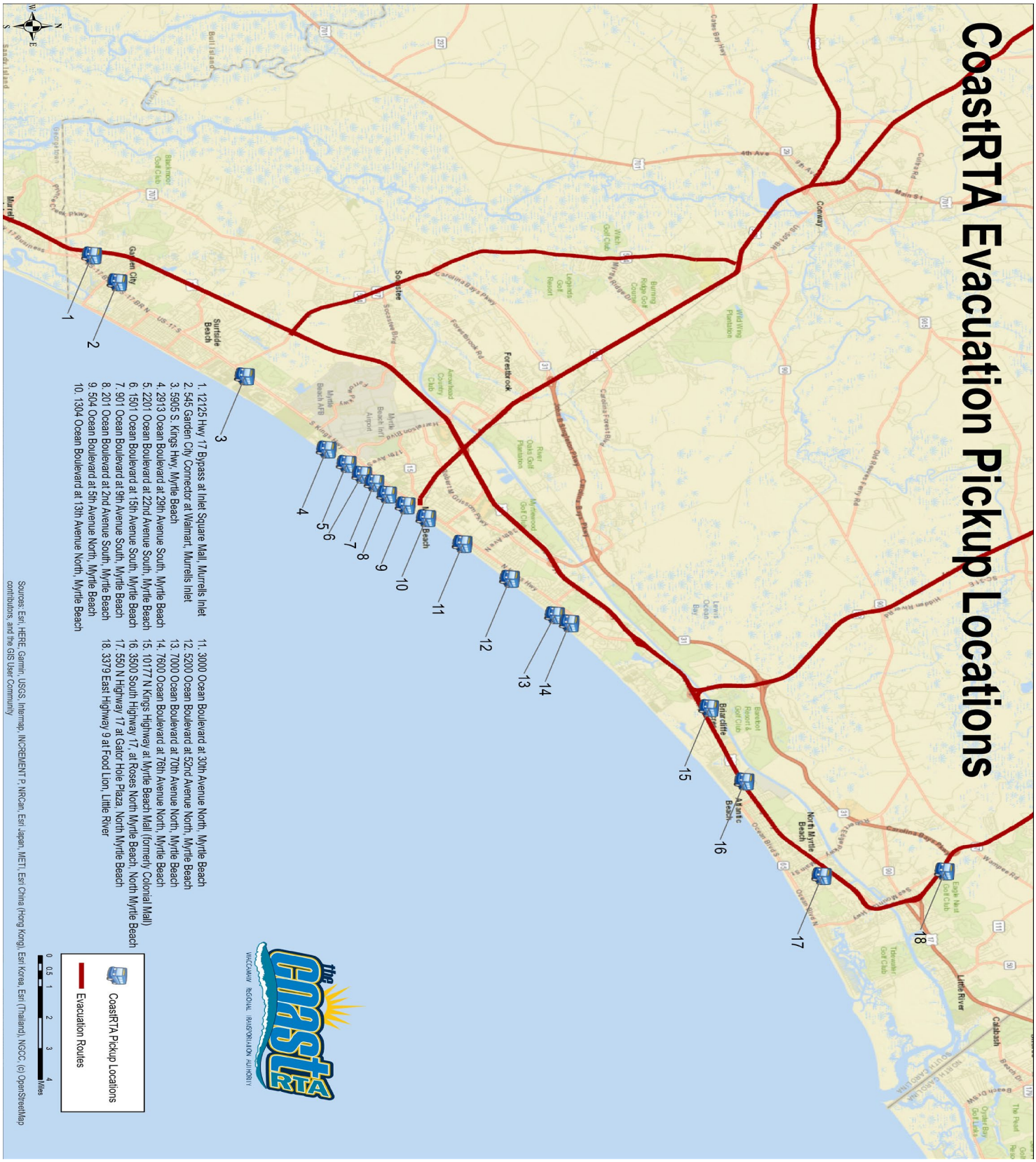
16. During repatriation, Horry County will provide an onsite liaison for coordination, law enforcement for security and traffic control, and an onsite medic unit for support of the state-run collection point (Ocean Bay Middle).

17. CoastRTA will manage the coordination of return route drop-offs along the predetermined routes in the evacuation zones.

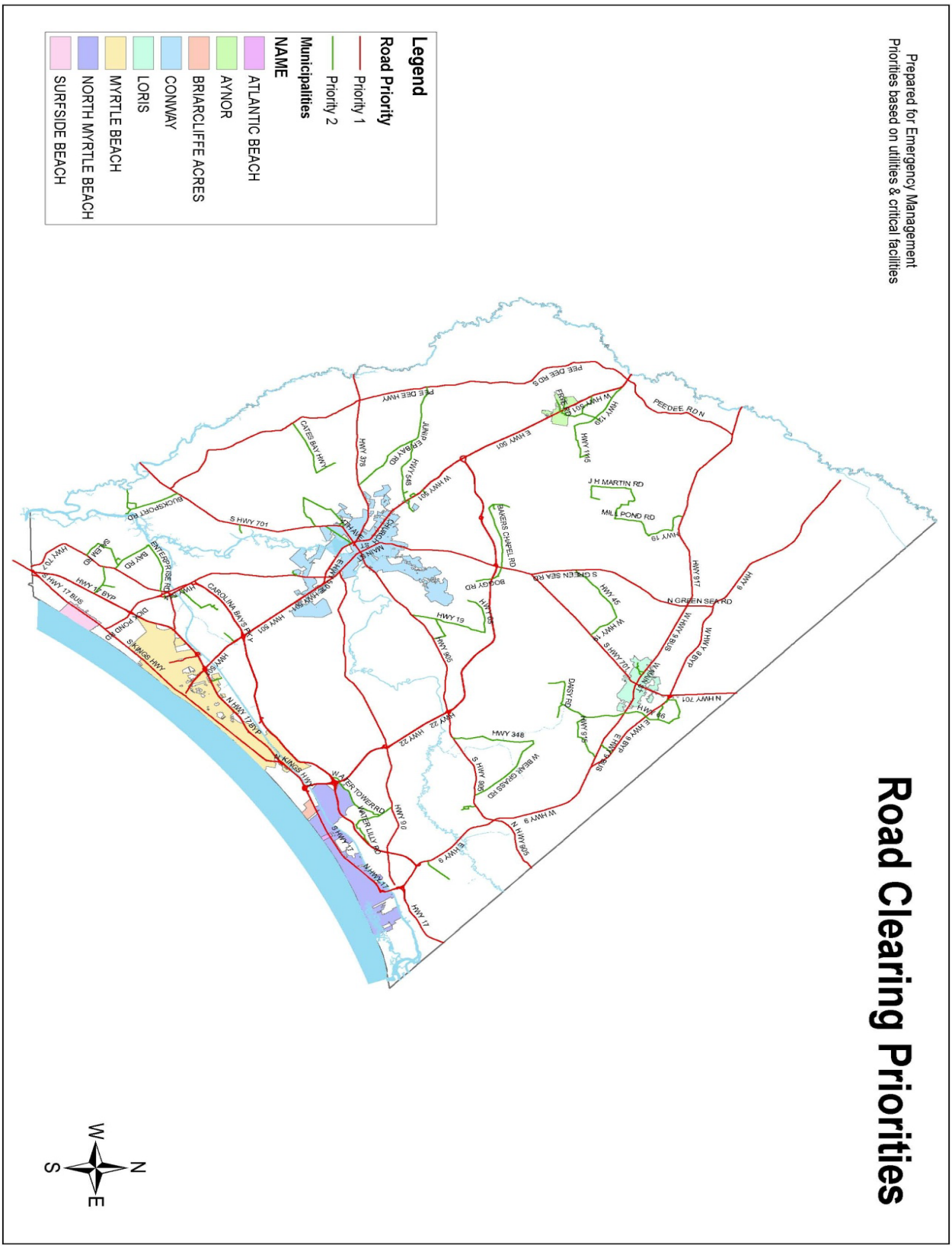
18. As soon as the last evacuees have left the collection point, demobilization of that site will occur.

19. Following each hurricane season, Horry County Emergency Management will review the CTN Evacuations attachment and determine if any changes need to be made and implemented before the next hurricane season. For specifics on operations of the Critical Transportation Need Collection point, please see the South Carolina Emergency Management Hurricane Annex for specifics.

ATTACHMENT D



ATTACHMENT E



ATTACHEMENT F

SCEMD's Evacuation Compliance Worksheets

Horry County Vulnerable Population*	
Evacuation Zone	**Total Population**
A	**11,319**
A-B	**26,929**
A-B-C	**98,861**
Not in Evacuation Zone	**213,920**
Total	**351,029**

Instructions for completing the Evacuation Compliance Worksheet:

Step 1: Enter the appropriate point value for rows A through E (storm intensity, storm track, storm angle of approach to coastline, storm trend, and NWS storm surge watch/warning).

Step 2: Add the point values in rows A through E, and enter the total point value.

Step 3: Compare the total point value in the worksheet with the closest corresponding point value in the conversion table to determine the evacuation compliance level and compliance level percentage.

Evacuation Compliance Worksheet						
Evacuation Compliance Factor	**Evacuation Compliance Sub-Factors and Point Values**					**Enter Appropriate Point Value**
Row A:						
Storm Intensity	**CAT 1= 5 pts**	**CAT 2= 10 pts**	**CAT 3= 15 pts**	**CAT 4= 20 pts**	**CAT 5= 25 pts**	
Row B:						
Storm Track	**From the southwest= 5 pts**		**From the south= 10 pts**		**From the southeast= 15 pts**	
Row C:						
Storm Angle of Approach to Coastline	**Parallel to coast/on shore= 5 pts**		**Parallel to coast/off shore= 10 pts**	**45°angle to coastline= 15 pts**	**90°angle to coastline= 20 pts**	
Row D:						
Storm Trend*	**Decreasing Threat= 0 pts**		**No Change in Threat= 10 pts**		**Increasing Threat= 20 pts**	
Row E:						
NWS Storm Surge Watch/Warning**	**No Storm Surge Watch or Warning= 0 pts**		**Storm Surge Watch= 10 pts**		**Storm Surge Warning= 20 pts**	
					Total Point Value:	

* Based on the three (3) most recent National Weather Service (NWS) advisories
** NWS may issue a storm surge watch at H-48 and a storm surge warning at H-36

Conversion Table		
Total Point Value	**Evacuation Compliance Level**	**Percentage of Compliance Level**
0 pts	**None**	**0%**
25 pts	**Low**	**25%**
50 pts	**Moderate**	**50%**
75 pts	**High**	**75%**
100 pts	**Maximum**	**100%**

Estimated CTN Population Worksheet					
A	B	C	D	E	F
Storm Intensity	Evacuation Zone(s) Population	Compliance Level Percentage	Evacuation Compliance Population	Estimated Percentage of Evacuating Population that are CTN Evacuees	Estimated CTN Population
TS/CAT 1				2%	
CAT 2/CAT 3				3%	
CAT 4/CAT 5				5%	

Instructions for completing the Estimated CTN Population Worksheet:

Step 1: Complete the Evacuation Compliance Worksheet.

Step 2: Identify the applicable storm intensity (Column A) based on the current weather advisory.

Step 3: Enter the evacuation zone population in Column B* in accordance with the county's vulnerable population data.

Step 4: Enter the compliance level percentage in Column C* based on the results obtained in the Evacuation Compliance Worksheet.

Step 5: Multiply Evacuation Zone Population (Column B) times the Compliance Level Percentage (Column C), and enter the total in Column D*.

Step 6: Multiply the Evacuation Compliance Population (Column D) times the Estimated Percentage of Evacuating Population that are CTN Evacuees (Column E), and enter the total in Column F*.

*Ensure that the entry corresponds with the applicable storm intensity row.

ATTACHEMENT G

Critical Transportation Need Operations in Horry County will be based on the Type II staffing guidance below.

South Carolina Collection Point Typing, Functions, and Staffing Guidance			
	Type III	**Type II**	**Type I**
CTN throughput Per Hour	25	50	100
Number of Motor Coaches Required Per Hour	1 (every two hours)	1	2
Number of Motor Coaches Required Per Hour (COVID-19)	1	2	4
CTN throughput over a 30-hour operational timeframe	750	1500	3000
Total Number of Motor Coaches Required	17	33	67
Total Number of Motor Coaches Required (COVID-19)	30	60	120
Collection Point Function/Position	**Number of Recommended Staff**		
CP Manager*	1	1	1
CP Assistant Manager*	0	0	1
Security*	1	2	3
Guides at Arrival Area+	1	1	2
Information Assistance and Sorting+	1	1	2
Guides at Internal Processing Area+	0	1	2
Medical Station* (ǂ)	1	1	2
Care Line Triage+			
Queuing/Manifesting+	1	1	2
Guides Leading to Vehicle Departure Area+	0	1	2
Vehicle Departure Area**	2	2	2
COVID-19 EBT Screening+	1	1	2
COVID-19 Quarantine Area (Medical)* (ǂ)	1	1	2
COVID-19 Quarantine Area (Non-Medical)+	1	1	2
COVID-19 Vehicle Departure Area**	0	0	2
Total (per shift):	8 (11 for COVID-19)	11 (14 for COVID-19)	19 (27 for COVID-19)

* Local-Provided Staff
** Transportation Management Services Staff
+ State-Provided Staff
(ǂ) These positions may be consolidated

Planning Considerations

- CTN evacuation operation occurs during daylight hours only.
- CTN evacuation timeframe is 30 hours.
- Motor coach capacity is 45 passengers.
- Motor coach capacity in COVID-19 environment is 25 passengers.
- TMS will staff the Forward Staging Area (FSA) associated with the Collection Point.

Developed by Transportation Management Services (TMS)
Version 3.0 (6.14.20)

TMS