

Florida Statewide Regional Evacuation Study Program



Storm Tide Atlas

Lee County



Volume 7-9

Book 5 of 6

Florida Division of Emergency Management

Southwest Florida Regional Planning Council

Southwest Florida Region





Includes Hurricane Evacuation Study

Statewide Regional Evacuation Study Program

Southwest Florida STORM TIDE ATLAS

Volume VII-9 Book 5 Lee County

This Book is part of Volume VII of the ***Statewide Regional Evacuation Study*** (SRES) Program and one of six county books in the Southwest Florida Storm Tide Atlas Series. Book 1 covers Charlotte County; Book 2 covers Collier County; Book 3 covers Glades County; Book 4 covers Hendry County; Book 5 covers Lee County and Book 6 covers Sarasota County. The Atlas maps identify those areas subject to potential storm tide flooding from the five categories of hurricane on the Saffir Simpson Hurricane Wind Scale as determined by NOAA's numerical storm surge model, SLOSH (updated 2009).

The Storm Tide Atlas, published in 2010, is the foundation of the hazards analysis for storm tide and a key component of the SRES. The Technical Data Report (Volume I) builds upon this analysis and includes the revised evacuation zones and population estimates, results of the evacuation behavioral data, shelter analysis and evacuation transportation analyses. The Study, which provides vital information to state and local emergency management, forms the basis for county evacuation plans. The final documents with summary information will be published and made available on the Internet (www.swfrpc.org) in June 2010.

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STORM TIDE ATLAS

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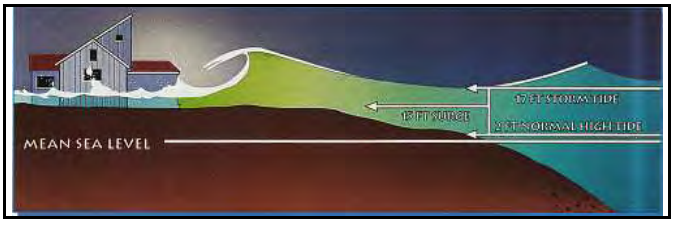
INTRODUCTION

A comprehensive emergency management program requires attention to four (4) key inter-related components: preparedness, response, recovery and mitigation. Preparing and avoiding or reducing potential loss of life and property damage - **preparedness and mitigation** - requires accurate and precise hazard and vulnerability analyses. These analyses are the foundation for evacuation and disaster response planning, as well as the development of local mitigation strategies designed to reduce the community's overall risk to disasters. This Atlas series provides information to state, county and local emergency management officials and planners for use in hurricane preparedness and coastal management in the Southwest Florida Region including Charlotte, Collier, Glades, Hendry, Lee, and Sarasota counties (Figure 1). It was part of a statewide effort to enhance our ability to respond to a hurricane threat, facilitate the evacuation of vulnerable residents to a point of relative safety and mitigate our vulnerability in the future. The ***Statewide Regional Evacuation Study Program*** provides a consistent, coordinated and improved approach to addressing the state and regional vulnerability to the hurricane threat.

The specific purpose of this Atlas is to provide maps which depict storm tide heights and the extent of stillwater, storm surge coastal flooding inundation from hurricanes of five different intensities in the Southwest Florida area. The Atlas was prepared by the Southwest Florida Regional Planning Council as part of the *Statewide Regional Evacuation Study Program.* The Study is a cooperative effort of the Florida Department of Community Affairs, Division of Emergency Management, the Florida Regional Planning Councils and the county emergency management agencies.



Figure 1 The Southwest Florida Region



THE SLOSH MODEL

The principal tool utilized in this study for analyzing the expected hazards from potential hurricanes affecting the study area is the Sea, Lake and Overland Surges from Hurricane (**SLOSH**) numerical storm surge prediction model. The SLOSH computerized model predicts the storm tide heights that result from hypothetical hurricanes with selected various combinations of pressure, size, forward speed, track and winds. Originally developed for use by the National Hurricane Center (NHC) as a tool to give geographically specific warnings of expected surge heights during the approach of hurricanes, the SLOSH model is utilized in regional studies for several key hazard and vulnerability analyses.

The SLOSH modeling system consists of the model source code and the model basin or grid. SLOSH model grids must be developed for each specific geographic coastal area individually incorporating the unique local bay and river configuration, water depths, bridges, roads and other physical features. In addition to open coastline heights, one of the most valuable outputs of the SLOSH model for evacuation planning is its predictions of surge heights over land into inland areas.

The first Southwest Florida SLOSH model basin was completed in 1979 and represented the first application of SLOSH storm surge dynamics to a major coastal area of the United States. The model was developed by the Techniques Development Lab of the National Oceanic and Atmospheric Administration (NOAA) under the direction of the late Dr. Chester P. Jelesnianski. In December 1990 the National Hurricane Center updated the SLOSH model for the Southwest basin. A major improvement to the model was the incorporation of wind speed degradation overland as the simulated storms moved inland. This duplicated the pressure "filling" and increases in the radii of maximum winds (RMW) as the hurricanes weaken after making landfall.

The newest generation of the SLOSH model basin incorporated in the 2010 Statewide Regional Evacuation Study reflects major improvements, including higher resolution basin data and grid configurations. Faster computer speeds allowed additional hypothetical storms to be run for creation of the MOMs[1] or the maximum potential storm tide values for each category of storm.

Hypothetical Storm Simulations

Surge height depends strongly on the specifics of a given storm including, forward speed, angle of approach, intensity or maximum wind speed, storm size, storm shape, and landfall location. The SLOSH model was used to develop data for various combinations of hurricane strength, wind speed, and direction of movement. Storm strength was modeled using the central pressure (defined as the difference between the ambient sea level pressure and the minimum value in the storm's center), the storm eye size and the radius of maximum winds using the five categories of hurricane intensity as depicted in the Saffir-Simpson Hurricane Wind Scale (see Table 1).

1 Maximum of MEOWs

Table 1 Saffir-Simpson Hurricane Wind Scale

Category	Wind Speeds	Potential Damage
Category 1	(Sustained winds 74-95 mph)	*Very dangerous winds will produce some damage*
Category 2	(Sustained winds 96-110 mph)	*Extremely dangerous winds will cause extensive damage*
Category 3	(Sustained winds 111-130 mph)	*Devastating damage will occur*
Category 4	(Sustained winds 131-155 mph)	*Catastrophic damage will occur*
Category 5	(Sustained winds of 156 mph and above)	*Catastrophic damage will occur*

The modeling for each tropical storm/hurricane category was conducted using the mid-range pressure difference (△p, millibars) for that category. The model also simulates the storm filling (weakening upon landfall) and radius of maximum winds (RMW) increase.

Ten storm track headings (WSW, W, WNW, NW, NNW, N, NNE, NE, E, ENE) were selected as being representative of storm behavior in the West Central Florida regions, based on observations by forecasters at the National Hurricane Center. And for each set of tracks in a specific direction storms were run at forward speeds of 5, 10, 15 and 25 mph. And, for each direction, at each speed, storms were run at two different sizes (20 statute mile radius of maximum winds and 35 statute miles radius of maximum winds.) Finally, each scenario was run at both mean tide and high tide. Both tide levels are now referenced to North American Vertical Datum of 1988 (NAVD88) as opposed to the National Geodetic Vertical Datum of 1929 (NGVD29) used in the previous study.

A total of 12,000 runs were made consisting of the different parameters shown in Table 2.

Table 2 Southwest Florida Basin Hypothetical Storm Parameters

Directions, speeds, (Saffir/Simpson) intensities, number of tracks and the number of runs.

Direction	Speeds (mph)	Size (Radius of Maximum winds)	Intensity	Tides	Tracks	Runs
WSW	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	18	1440
W	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	14	1120
WNW	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	16	1280
NW	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	14	1120
NNW	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	14	1120
N	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	10	800
NNE	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	13	1040
NE	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	17	1360
ENE	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	17	1360
E	5,10,15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	17	1360
TOTAL						12,000

The Grid for the Southwest SLOSH Model

Figure 2 illustrates the area covered by the grid for the Southwest SLOSH Model. To determine the surge values the SLOSH model uses a bipolar elliptical grid as its unit of analysis with 105 arc lengths (1< I> 105) and 99 radials (1< J> 99). Use of the grid configuration allows for individual calculations per grid square which is beneficial in two ways: (1) provides increased resolution of the storm surge at the coastline and inside the harbors, bays and rivers, while decreasing the resolution in the deep water where detail is not as important; and (2) allows economy in computation.

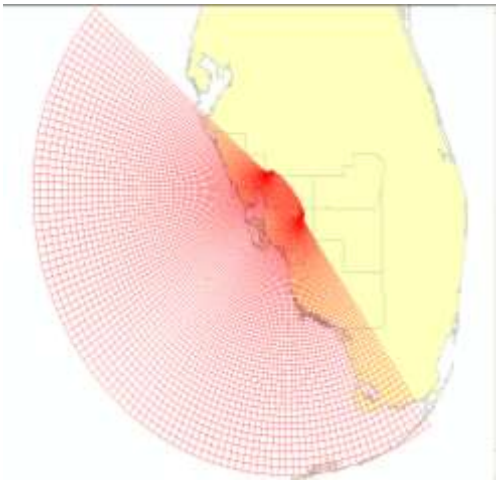


Figure 2 Southwest Basin Grid

The grid size for the Southwest model varies from approximately 0.001 square miles or 1.08 acres closest to the pole (I = 1) to the grids on the outer edges (Gulf of Mexico) where each grid is approximately 15.5 square miles.

Storm Scenario Determinations

As indicated, the SLOSH model is the basis for the "hazard analysis" portion of coastal hurricane evacuation plans. Thousands of hypothetical hurricanes are simulated with various Saffir-Simpson Wind categories, forward speeds, landfall directions, and landfall locations. An envelope of high water containing the maximum value a grid cell attains is generated at the end of each model run. These envelopes are combined by the NHC into various composites which depict the possible flooding. One useful composite is the MEOW (Maximum Envelopes of Water) which incorporates all the envelopes for a particular category, speed, and landfall direction. Once surge heights have been determined for the appropriate grids, the maximum surge heights are plotted by storm track and tropical storm/hurricane category. These plots of maximum surge heights for a given storm category and track are referred to as MEOWs. The MEOWs or Reference Hurricanes can be used in evacuation decision making when and if sufficient forecast information is available to project storm track or type of storm (different landfalling, paralleling, or exiting storms).

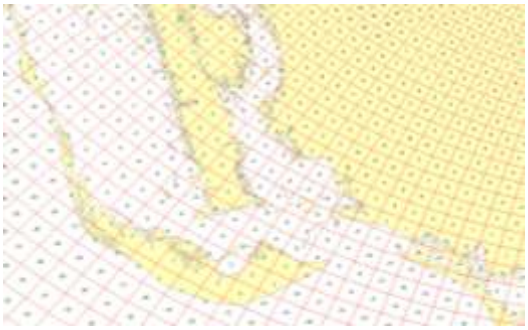


Figure 3 SLOSH Grid with Surge Values

The MEOWs provide information to the emergency managers in evacuation decision making. However, in order to determine a scenario which may confront the county in a hurricane threat 24-48 hours before a storm is expected, a further compositing of the MEOWs into Maximums of the Maximums (MOMs) is usually required.

The MOM (Maximum of the MEOWs) combines all the MEOWs of a particular category. The MOMs represent the maximum surge expected to occur at any given location, regardless of the specific storm track/direction of the hurricane. The only variable is the intensity of the hurricane represented by category strength (Category 1-5).

The MOM surge heights, which were furnished by the National Hurricane Center, have 2 values, mean tide and high tide. Mean tide has 0' tide correction. High tide has a 1' tide correction added to it. The Storm Tide limits include the adjustment for mean high tide. All elevations are now referenced to the NAVD88 datum.

These surge heights were provided within the SLOSH grid system as illustrated on Figure 2. The range of maximum surge heights (low to high) for each scenario is provided for each category of storm (MOM) on Table 3. **It should be noted again that these surge heights represent the maximum surge height recorded in the county from the storm tide analysis including inland and back bay areas where the surge can be magnified dependent upon storm parameters.**

Table 3 Potential Storm Tide Height (s) by County

(In Feet above NAVD88)

*Storm Strength	Charlotte	Collier	Lee	Sarasota	Lake O 16ft	Lake O 20ft
TS	Up to 5.2	Up to 5.8	Up to 6.1	Up to 5.6	NA	NA
1	Up to 7	Up to 8.2	Up to 8.7	Up to 6.9	Up to 21.1	Up to 25
2	Up to 17	Up to 14.1	Up to 15.5	Up to 15.4	Up to 26.6	Up to 30.6
3	Up to 26	Up to 19.5	Up to 23	Up to 26	Up to 33.2	Up to 35.5
4	Up to 32.3	Up to 24.5	Up to 27.6	Up to 33.2	Up to 36.4	Up to 37.2
5	Up to 37.7	Up to 41.9	Up to 41.7	Up to 35.4	Up to 38.9	Up to 40

** Based on the category of storm on the Saffir-Simpson Hurricane Wind Scale*
*** Surge heights represent the maximum values from SLOSH MOMs*

CREATION OF THE STORM TIDE ZONES

The maps in this atlas depict SLOSH-modeled heights of storm tide and extent of flood inundation for hurricanes of five different intensities. As indicate above, the storm tide was modeled using the Maximum of Maximums (MOMs) representing the potential flooding from the five categories of storm intensity of the Saffir/Simpson Hurricane Wind Scale.

Determining Storm tide Height and Flooding Depth

SLOSH and SLOSH-related products reference storm tide heights relative to the model vertical datum, NAVD88. In order to determine the inundation depth of surge flooding at a particular location the ground elevation (relative to NAVD88) at that location must be subtracted from the potential surge height.[2]

Surge elevation, or water height, is the output of the SLOSH model. At each SLOSH grid point, the maximum surge height is computed at that point.

Within the SLOSH model an average elevation is assumed within each grid square. Height of water above terrain was not calculated using the SLOSH average grid elevation because terrain height may vary significantly within a SLOSH grid square. For example, the altitude of a 1-mile grid square may be assigned a value of 1.8 meters (6 feet), but this value represents an average of land heights that may include values ranging from 0.9 to 2.7 meters (3 to 9 feet). In this case, a surge value of 2.5 meters (8 feet) in this square would imply a 0.7 meters (2 feet) average depth of water over the grid's terrain. However, in reality within the grid area portion of the grid would be "dry" and other parts could experience as much as 1.5 meters (5 feet) of inundation. Therefore, in order to determine the storm tide limits, the depth of surge flooding above terrain at a specific site in the grid square is the result of subtracting the terrain height determined by remote sensing from the model-generated storm tide height in that grid square. [3]

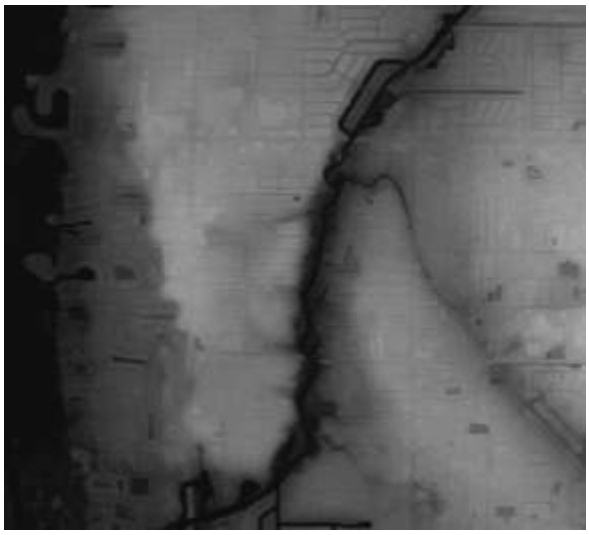


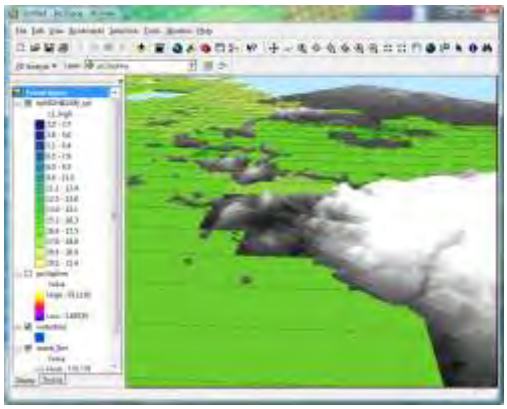
Figure 4 Digital Elevation from LIDAR

2 It is important to note that one must use a consistent vertical datum when post-processing SLOSH storm surge values

3 Note: This represents the regional post-processing procedure. When users view SLOSH output within the SLOSH Display Program, the system uses average grid cell height when subtracting land.

Storm Tide Post-Processing

The Atlas was created using a Toolset wrapped into ESRI's ArcGIS mapping application, ArcMap. The surge tool was developed for the Statewide Regional Evacuation Study Program by the Tampa Bay Regional Planning Council, who had used a similar tool for the previous Evacuation Study Update (2006). This tool enabled all regions within the state of Florida to process the SLOSH and elevation data with a consistent methodology.



The tool basically performs the operation of translating the lower resolution SLOSH grid data into a smooth surface resembling actual storm tide and terrain; processing it with the high resolution elevation data derived from LIDAR. The image on the left represents how the data would look as it appears directly from SLOSH Model output.

Processing all the data in the raster realm, the tool is able to digest large amounts of data and output detailed representations of surge inundation.

Figure 5 SLOSH Display

The program first interpolates the SLOSH height values for each category into a raster surface using spline interpolation. This type of interpolation is best for smooth surfaces, such as water and slow changing terrain. The result is a raster surface representing the surge height for a category that can be processed against the raster Digital Elevation Model from the LIDAR. The "dry" values (represented as 99.9 in the SLOSH Model) are replaced by an average of the inundated grids surrounding current processed grid. An algorithm performs this action utilizing the range of values in the current category of storm being processed.

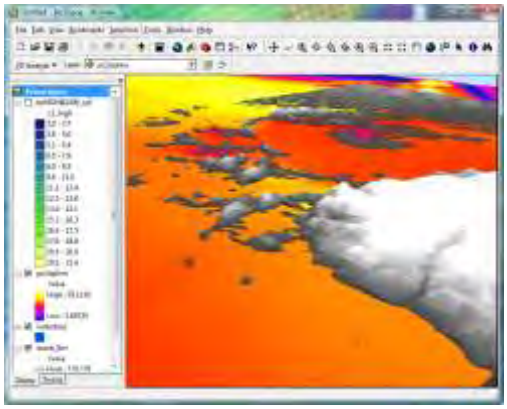
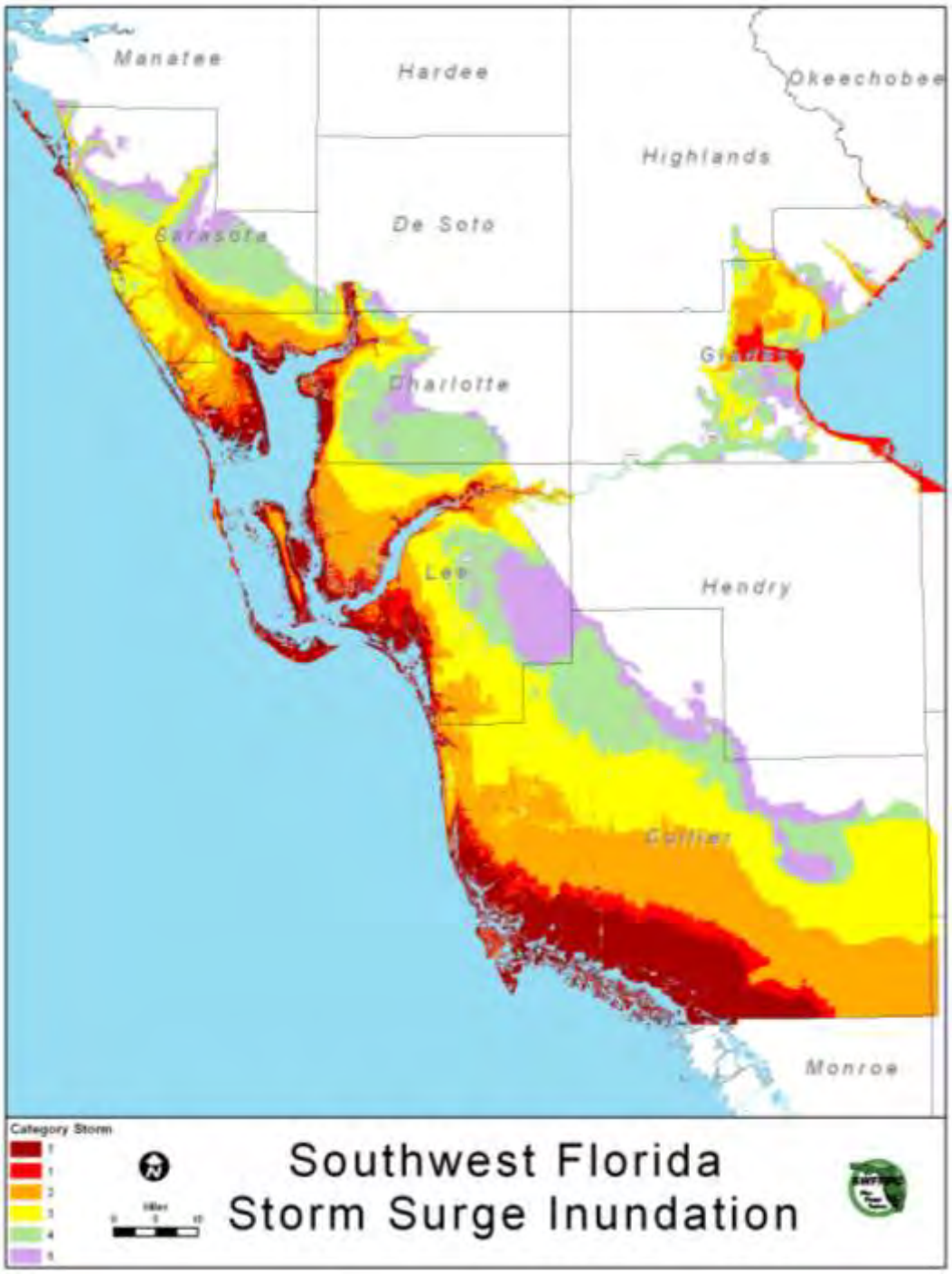


Figure 6 SLOSH Display Post-Processing

Using this methodology, once the elevation is subtracted from the projected storm tide, the storm tide limits are determined. The output of the tool is a merged polygon file holding all the maximum inundation zones for Tropical Storm through Category 5. The output, depicted in this Storm Tide Atlas is determined consistent with the coastal areas throughout the state. Figure 7 presents a compilation of the *Storm Tide Atlas* for the region.

Figure 7 Storm Surge for the Southwest Region



VARIATIONS TO CONSIDER

Variations between modeled versus actual measured storm tide elevations are typical of current technology in coastal storm surge modeling. In interpreting the data emergency planners should recognize the uncertainties characteristic of mathematical models and severe weather systems such as hurricanes. The storm tide elevations developed for this study and presented in the ***Storm Tide Atlas*** should be used as guideline information for planning purposes.

Storm Tide & Wave Height

Regarding interpretation of the data, it is important to understand that the configuration and depth (bathymetry) of the Gulf bottom will have a bearing on surge and wave heights. A narrow shelf, or one that drops steeply from the shoreline and subsequently produces deep water in close proximity to the shoreline, tends to produce a lower surge but a higher and more powerful wave. Those regions, like the Southwest Region, which have a gently sloping shelf and shallower normal water depths, can expect a higher surge but smaller waves. The reason this occurs is because a surge in deeper water can be dispersed down and out away from the hurricane. However, once that surge reaches a shallow gently sloping shelf it can no longer be dispersed away from the hurricane, consequently water piles up as it is driven ashore by the wind stresses of the hurricane. Wave height is NOT calculated by the SLOSH model and is not reflected within the storm tide delineations.

Forward Speed

Under actual storm conditions it may be expected that a hurricane moving at a slower speed could have higher coastal storm tides than those depicted from model results. At the same time, a fast moving hurricane would have less time to move storm surge water up river courses to more inland areas. For example, a minimal hurricane or a storm further off the coast such as Hurricane Elena (1985), which stalled 90 miles off the Tampa Bay coast for several tidal cycles, could cause extensive beach erosion and move large quantities of water into interior lowland areas. In the newest version of the Southwest SLOSH model, for each set of tracks in a specific direction, storms were run at forward speeds of 5, 10, 15 and 25 mph.

Radius of Maximum Winds

As indicated previously, the size of the storm or radius of maximum winds (RMW) can have a significant impact on storm surge especially in bay areas and along the Gulf of Mexico. All of the hypothetical storms were run at two different sizes, 20 mile radius of maximum winds and 35 mile radius of maximum winds.

Astronomical Tides

Surge heights were provided by NOAA for both mean tide and high tide. Both tide levels are referenced to North American Vertical Datum of 1988. The storm tide limits reflect high tide in the region.

Accuracy

As part of the Statewide Regional Evacuation Study, all coastal areas as well as areas surrounding Lake Okeechobee were mapped using remote-sensing laser terrains mapping (LIDAR[4]) providing the most comprehensive, accurate and precise topographic data for this analysis. As a general rule, the vertical accuracy of the laser mapping is within a 15 centimeter tolerance. However, it should be noted that the accuracy of these elevations is limited to the precision and tolerance in which the horizontal accuracy for any given point is recorded. Other factors such as artifact removal algorithms (that remove buildings and trees) can affect the recorded elevation in a particular location. For the purposes of this study, the horizontal accuracy cannot be assumed to be greater than that of a standard USGS 7 minute quadrangle map, or a scale of 1:24,000**.**

POINTS OF REFERENCE

County emergency management agency selected reference points which include key facilities or locations critical for emergency operations. The table below includes the map identification number, descriptions of the selected points and the elevation of the site. The elevation is based on the digital elevation data provided by the LIDAR. It should be noted that if the site is large, elevations may vary significantly. The table also provides the storm tide value from the SLOSH value and the depth of inundation (storm tide value minus the ground elevation) at the site.

4 Light Imaging Detection and Ranging

Table 4 Selected Points of Reference

ID	NAME	SURGE	BASE_ELEV	TS_DEPTH	C1_DEPTH	C2_DEPTH	C3_DEPTH	C4_DEPTH	C5_DEPTH
1	US 41 / BONITA BEACH RD	2	12.77	DRY	DRY	0.94	5.71	9.84	13.66
2	BONITA BEACH	TS	4.16	1.54	3.60	9.37	14.08	18.17	21.85
3	US 41 / COCONUT POINT RD	3	16.55	DRY	DRY	DRY	2.79	6.84	10.65
4	LOVERS KEY	TS	4.82	0.95	3.06	8.92	13.62	17.71	21.30
5	ESTERO	2	10.43	DRY	DRY	4.65	9.56	13.39	17.25
6	US 41 / SIX MILE CYPRESS	2	9.21	DRY	DRY	5.37	10.31	14.60	18.30
7	US 41 / ALICO RD	2	10.03	DRY	DRY	4.76	9.73	13.77	17.45
8	FT MYERS BEACH	TS	4.91	0.73	2.76	8.55	13.17	17.18	20.78
9	MATANZAS BRIDGE	TS	3.63	2.06	4.05	9.84	14.34	18.44	22.04
10	FIRE STATION	TS	4.30	1.40	3.50	9.29	13.94	18.04	21.61
11	HEALTHPARK MEDICAL CENTER	1	6.86	DRY	0.72	6.92	11.75	16.01	19.61
12	LEE EOC	4	21.73	DRY	DRY	DRY	DRY	2.34	5.94
13	METRO PKWY / WINKLER AVE	3	17.70	DRY	DRY	DRY	2.12	6.64	10.22
14	FRANKLIN LOCK	2	9.20	DRY	DRY	3.99	9.18	12.96	16.08
15	LEE CIVIC CENTER	1	4.55	DRY	1.31	9.12	14.81	19.15	22.76
16	SR 80 / SR 31	2	6.84	DRY	DRY	6.76	12.58	16.97	20.54
17	I 75 / PALM BEACH BLVD	2	12.57	DRY	DRY	0.71	7.03	11.61	15.13
18	DAUGHTERY CREEK	1	4.72	DRY	1.38	8.99	14.72	19.22	22.98
19	MARSH POINT	1	5.21	DRY	0.95	8.42	14.12	18.48	22.29
20	PALM BEACH BLVD	1	5.55	DRY	0.65	8.16	13.95	18.26	21.95
21	US 41 N FT MYERS	1	5.63	DRY	0.59	8.07	13.67	18.11	21.77
22	BUS US 41 BRIDGE	TS	2.62	1.30	2.90	11.02	16.85	21.28	24.88
23	FT MYERS HIGH SCHOOL	2	8.82	DRY	DRY	4.28	10.72	15.13	18.73
24	FT MYERS COUNTRY CLUB	2	12.80	DRY	DRY	1.10	6.68	11.08	14.69
25	MID POINT BRIDGE	2	10.31	DRY	DRY	3.15	8.66	13.00	16.71

26	WHIKEY CREEK	TS	4.19	0.43	2.24	9.55	14.93	19.43	23.03
27	CAPE CORAL BRIDGE	2	9.03	DRY	DRY	4.54	9.70	14.10	17.70
28	CAPE CORAL HOSPITAL	2	9.82	DRY	DRY	3.46	8.86	13.25	17.04
29	CAPE CORAL HIGH SCHOOL	2	9.20	DRY	DRY	3.74	8.69	13.04	16.84
30	MARINER HIGH SCHOOL	2	12.36	DRY	DRY	0.85	5.62	9.88	13.84
31	MATLACHA	TS	3.97	0.17	1.20	7.38	12.32	16.62	20.34
32	LITTLE PINE ISLAND	TS	4.00	0.09	1.16	6.96	11.79	15.99	19.75
33	SHELL POINT	TS	4.30	0.80	2.51	8.32	12.92	17.03	20.62
34	ST JAMES CITY	TS	3.49	1.18	2.89	7.83	11.95	15.89	19.40
35	SANIBEL CAUSEWAY	1	5.34	DRY	1.74	7.26	11.64	15.67	19.17
36	POINT YBEL	TS	3.63	1.52	3.41	8.66	13.01	16.91	20.36
37	THE DUNES	TS	4.19	0.70	2.38	7.49	11.64	15.47	18.87
38	GULF DR / TARPON BAY RD	TS	4.89	DRY	1.63	6.24	10.32	13.83	17.27
39	SANIBEL / CAPTIVA RD	TS	4.24	0.26	1.61	6.16	10.14	13.84	17.19
40	WULFERT HEYS	TS	4.22	0.08	1.29	5.72	9.63	13.28	16.66
41	BLIND PASS	TS	4.16	0.21	1.35	5.70	9.48	13.16	16.48
42	CAPTIVA	2	9.04	DRY	DRY	0.75	4.65	8.31	11.72
43	SOUTH SEAS	TS	4.03	0.27	1.56	5.76	9.82	13.51	17.01
44	NORTH CAPTIVA	TS	2.19	2.13	3.35	7.59	11.59	15.39	18.87
45	PINELAND	TS	1.87	2.03	4.08	8.69	13.36	17.56	21.36
46	USEPPA ISLAND	TS	2.95	0.94	2.24	6.77	11.12	15.26	18.91
47	BOKEELIA	TS	2.13	1.49	2.51	8.17	13.15	17.55	21.39
48	BURNT STORE MARINA	2	5.94	DRY	DRY	6.00	11.89	16.49	20.71
49	PORT BOCA GRANDE	TS	1.83	2.08	3.27	7.80	12.06	16.19	19.86
50	BOCA GRANDE	1	4.41	DRY	0.87	5.51	9.81	14.03	17.83

STORM TIDE ATLAS

The surge inundation limits (MOM surge heights minus the ground elevations) are provided as GIS shape files and graphically displayed on maps in the *Hurricane Storm Tide Atlas for the Southwest Florida Region*. The *Atlas* was prepared by Southwest Florida Regional Planning Council under contract to the State of Florida, Division of Emergency Management, as part of this study effort. The maps prepared for the *Atlas* consist of base maps (1:24000) including topographic, hydrographic and highway files (updated using 2008 county and state highway data). Detailed shoreline and storm tide limits for each category of storm were determined using the region's geographic information system (GIS).

The purpose of the maps contained in this Atlas is to reflect a worst probable scenario of the hurricane storm tide inundation and to provide a basis for the hurricane evacuation zones and study analyses. While the storm tide delineations include the addition of an astronomical mean high tide and tidal anomaly, it should be noted that the data reflects only stillwater saltwater flooding. **Local processes such as waves, rainfall and flooding from overflowing rivers, are usually included in observations of storm tide height, but are not surge and are not calculated by the SLOSH model. It is incumbent upon local emergency management officials and planners to estimate the degree and extent of freshwater flooding as well as to determine the magnitude of the waves that will accompany the surge.**

Figure 8 provides an index of the map series.

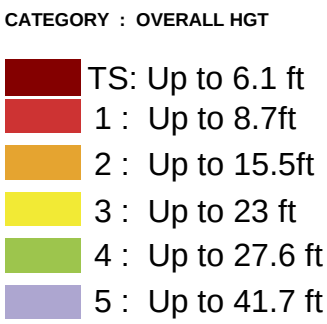
NOTES ON STORM TIDE LIMITS

Historically, the SLOSH storm surge analysis had focused on "average" storm parameters (size and forward speed), although the intensity and angle of approach was modeled to include direct strikes and catastrophic intensity. In the 2010 Regional Evacuation Study Update, 12,000 hypothetical hurricanes were included in the SLOSH suite of storms modeled varying forward speeds and the radii of maximum winds to include the large storm events and different forward speeds. This allowed for the development of a truer picture of the storm surge vulnerability in the region. The five categories of hurricane reflect a "worst probable" storm tide limit for hurricanes holding the wind speed constant (consistent with the Saffir Simpson Hurricane Wind Scale) while varying storm parameters include size, forward speed, and angle of approach.

This has led to some confusion regarding evacuation decision-making since hurricane evacuations are based primarily on storm surge vulnerability. The National Oceanic and Atmospheric Administration (NOAA) is working to enhance the analysis and prediction of storm surge. Direct estimates of inundation are being communicated in the NHC's Public Advisories and in the Weather Forecast Office's (WFO) Hurricane Local Statements. NHC's probabilistic storm surge product, which provides the likelihood of a specific range of storm surge values, became operational in 2009, and the NWS Meteorological Development Laboratory is providing experimental, probabilistic storm surge products for 2010. In addition, coastal weather forecast offices will provide experimental Tropical Cyclone Impacts Graphics in 2010; these include a qualitative graphic on the expected storm surge

impacts. Finally, the NWS is exploring the possibility of issuing explicit Storm Surge Warnings which could be implemented in the next couple of years. In all of these efforts, the NWS is working to provide specific and quantitative information to support decision-making at the local level[1]. NOAA continues to emphasize that the hurricane forecasts are not 100% accurate and dependent upon many factors.

Lee County Legend

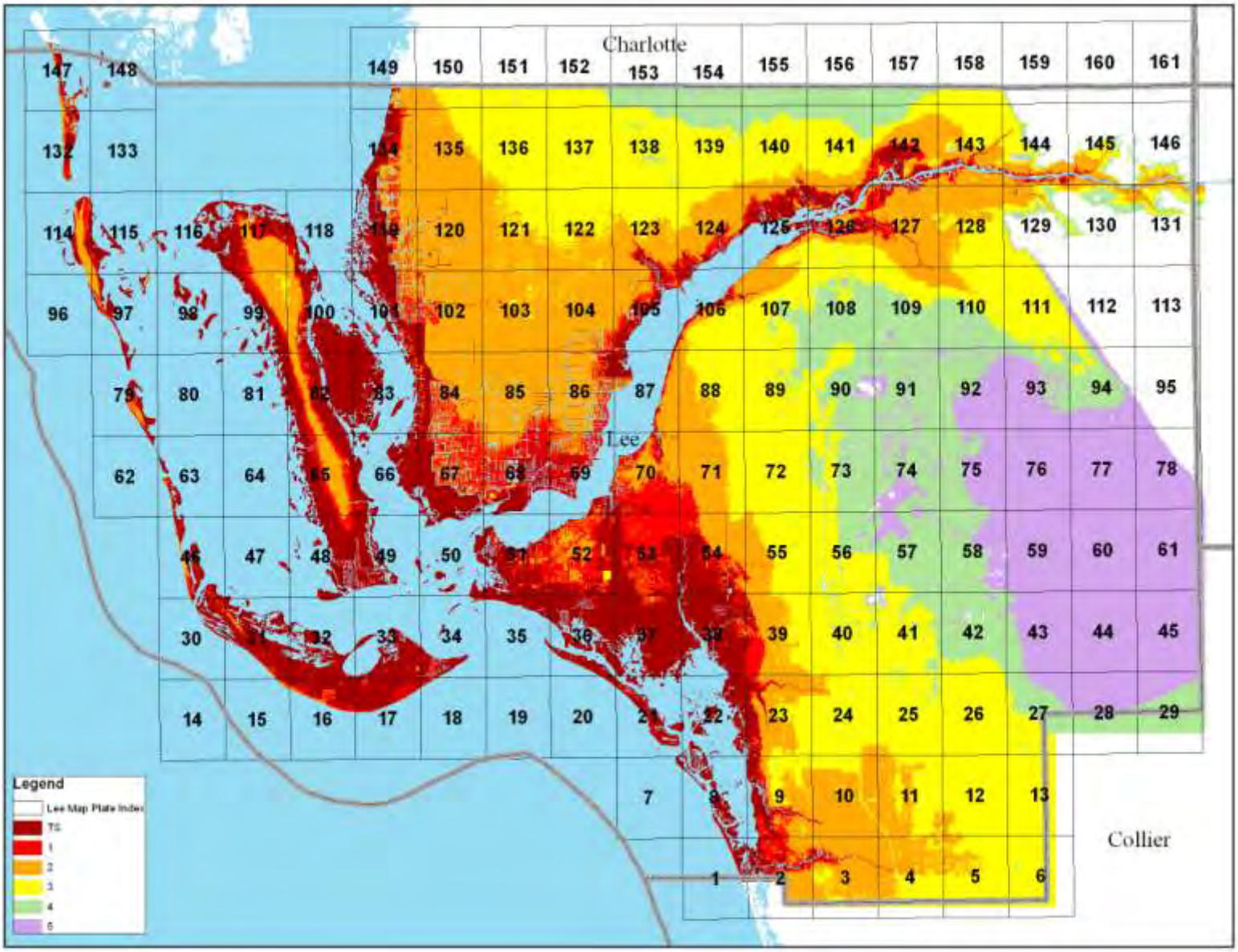


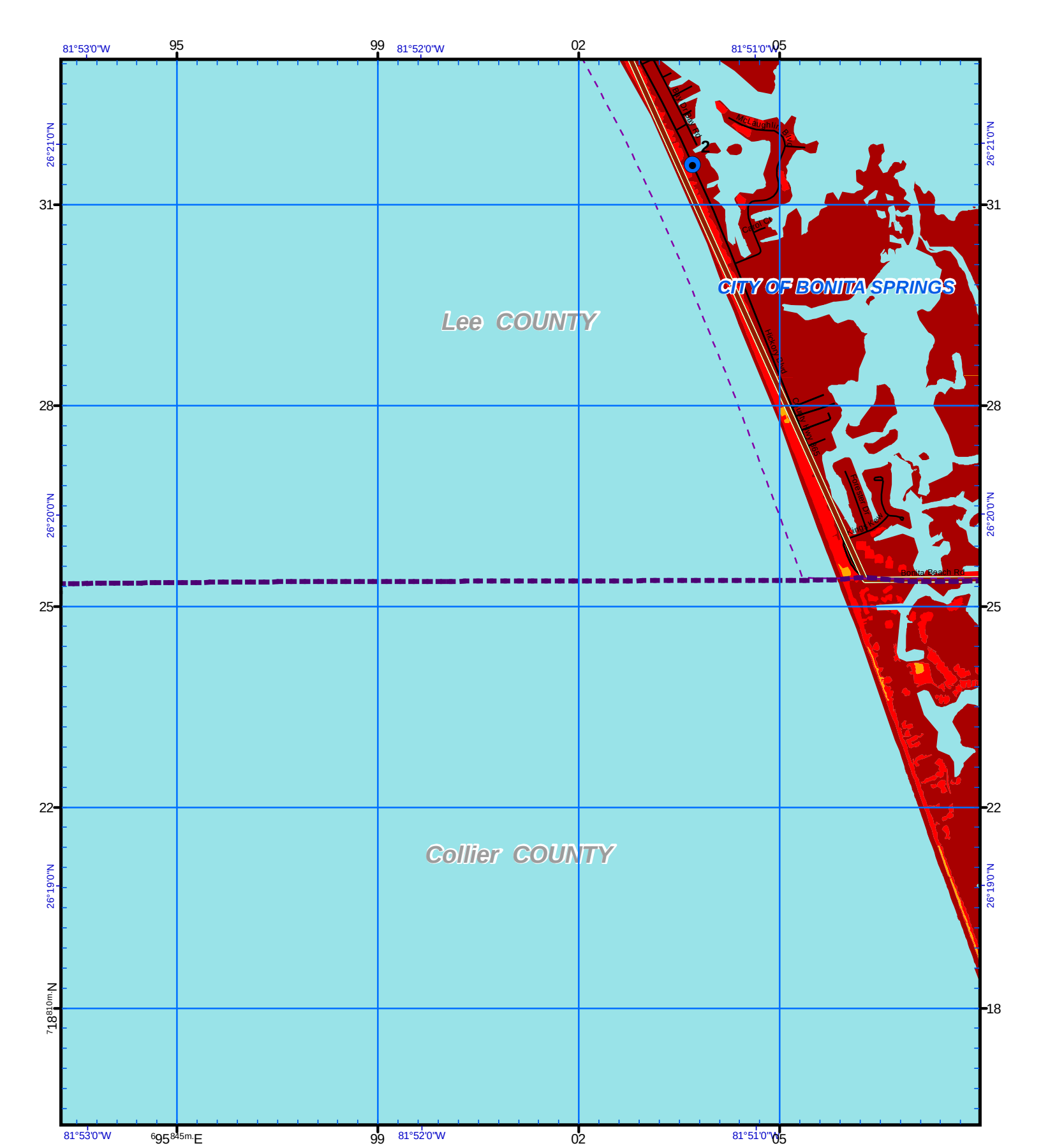
To the left are the storm tide limits identified for Lee County under the five (5) categories of hurricane on the Saffir Simpson Hurricane Wind Scale. It is important to recognize the following:

- The surge tide values represent the highest surge height elevation above a standard datum (NAVD88) predicted by the model in the entire county and will only be appropriate for selected areas.
- Typically the highest surge tide values are NOT the surge heights predicted at the coast. The highest storm tide values are typically experienced inside bays and up rivers and inlets (water above ground).
- Storm Tide ranges by category of storm are presented on Table 3 on page 13 of this document.
- For surge heights at specific locations, please refer to Table 4 on page 19 which provides the expected storm surge elevation at points of reference and the actual inundation (water depth) at that site.

[1]http://www.nhc.noaa.gov/sshws_statement.shtml

Figure 8 Lee County Atlas Map Index





US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 12 10**

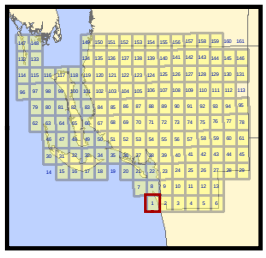
Map Plate **1**

Page 24

Legend

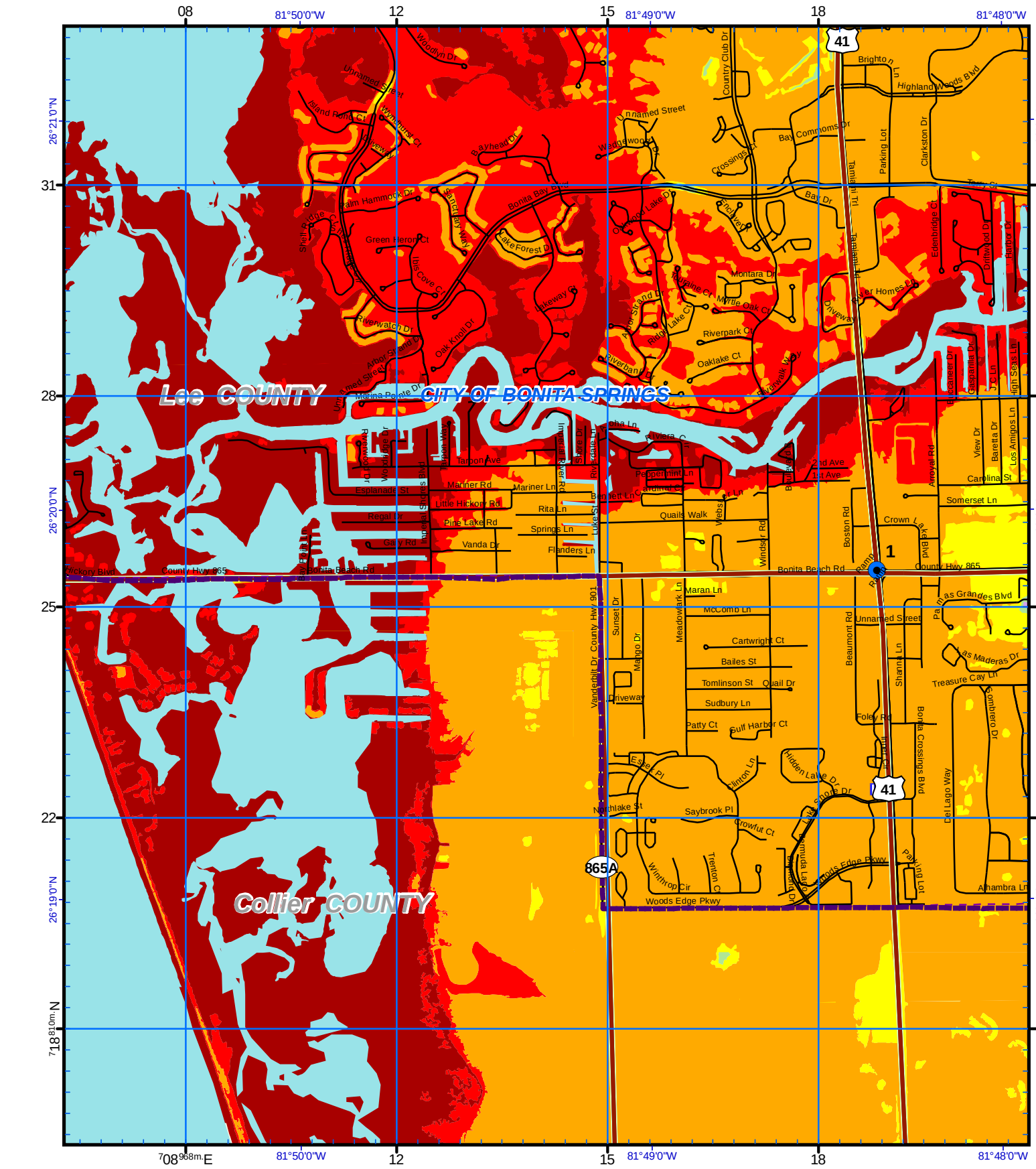
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 16 10**

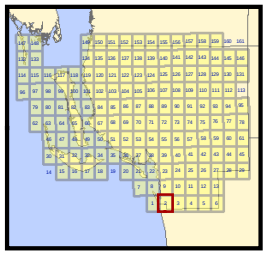
Map Plate **2**

Page 25

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

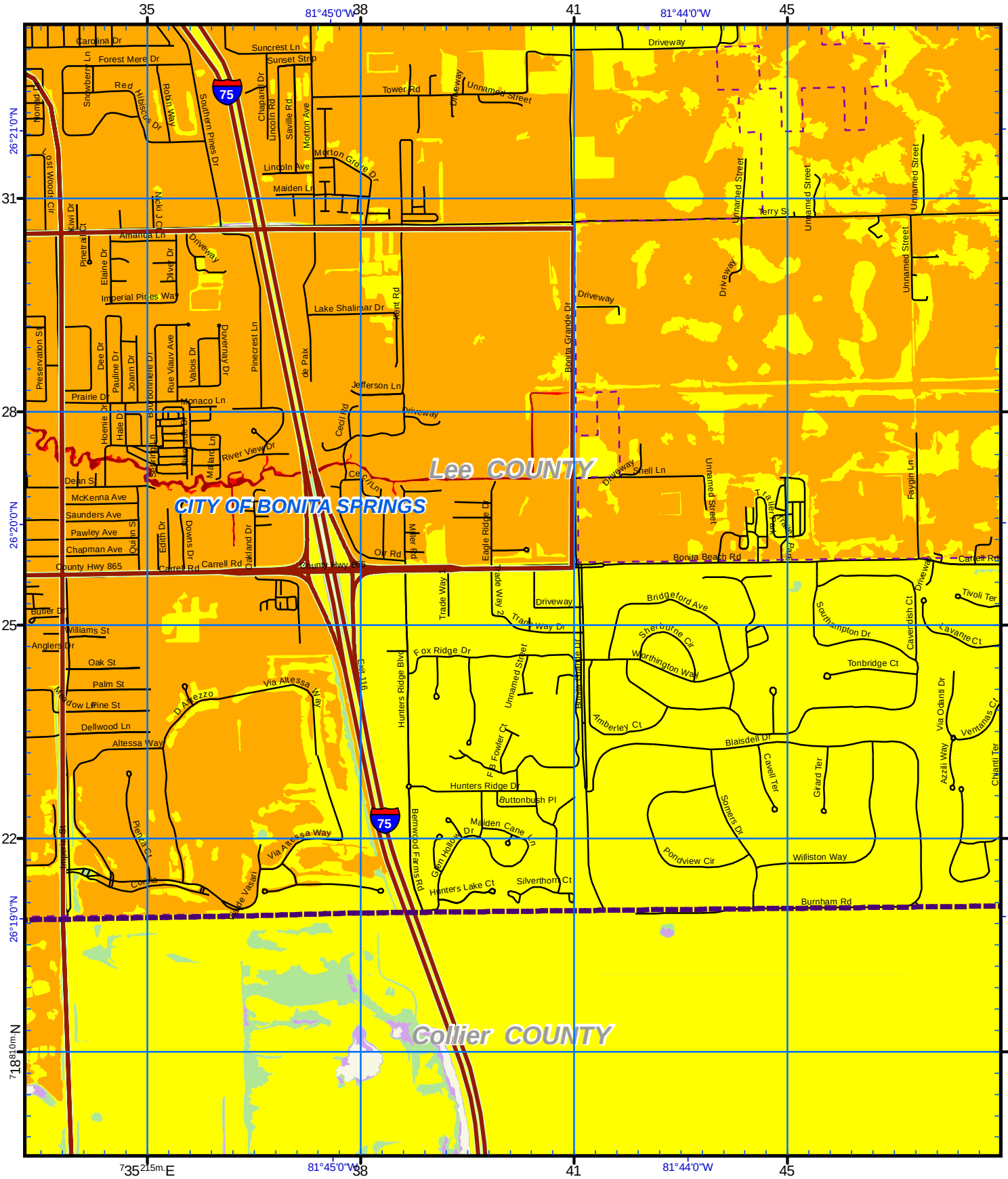
Cat
TS
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3
4
5



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Lee COUNTY
CITY OF BONITA SPRINGS
Collier COUNTY
81°48'0"W
81°47'0"W
81°46'0"W
26°21'0"N
26°20'0"N
26°19'0"N
Bonita Beach Rd
Carrell Rd
Old 41 Rd
Bonita Grande Dr
Palmas Grandes Blvd
Spanish Wells Blvd
Bonita Crossings Blvd
Del Lago Way
Mediterra Dr
Corso Mediterra Cir
Trevisio Way
Unnamed Street
Race Track Rd
Parking Lot
Compound Rd
Enterprise Ave
K Nine Dr
Diesel Dr
Meterra Ln
Tasca Dr
Tosco Dr
Ortega Ln
Whitesands Pl
Highgate Dr
Treasure Cay Ln
Las Maderas Dr
Alhambra Ln
El Greco Cir
Channel 30 Dr
Lake Park Dr
Megan Dr
Sombrero Dr
Verde Ln
Lucca Dr
Medici Ln
Tivoli Ln
Siena
Sharrh Ln
Low Lake Rd
Arroyal Rd
Barcelona Cir
Carolina St
Somerset Ln
Alabama St
Citadel Ln
Village Dr
County Hwy 865
Michigan St
Washington St
Vermont St
Iowa St
Georgia St
New York St
Industrial St
Old 41 Rd
Oak Creek Ln
Glenbrook Ln
Southland Dr
Dorwood Ct
Maroo Dr
Conn Rd
Harold St
Carl Cir
Lance Dr
Rosslin Dr
Lime St
Pierce Ave
Dorich Ave
Citrus Dr
Dean St
Hampton St
Orangewood Dr
Tangelo Ter
Abernathy St
Indiana St
Tennessee St
Kentucky St
Illinois St
Delaware St
Connecticut St
Garrett St
Suffridge Dr
Wisconsin St
Prom St
Heitman Ave
Felts Ave
Shiver Ave
Pollen Ave
HomeAve
Ravesdale St
Mathesson Ave
Envoy Dr
Avocado Dr
Wilson St
Main Dr
East Dr
Riverside Dr
Jackson Ave
Williams Rd
Morgan Rd
Lavinka St
Edgewood St
Richview Ct
Barefoot Ln
Flamingo Dr
Belle Rio Dr
Esther Dr
Holly Ln
Del Ln
Harborwood Dr
Harbor Dr
Drinkwood Dr
Edenbridge Ct
Jacaneer Dr
Gasparilla Dr
Jolly Roger Ln
High Seas Ln
Barbarossa St
Galleon Dr
Patrick St
Montana Ct
Tonya Ct
Puoppke St
Bonita Fairways Cir
Rosewood Pointe Ter
Clarkston Dr
Unnamed Street
Peer Ln
Colony Rd
Queen Mary Ln
Squire Ln
Highland Woods Blvd
Brighton Ln
Tropical Dr
Sunshine Dr
Landfall Pl
Lob Ln
Paulling Ln
River Royale Ct
Cochran St
Pine Ave
Palm St
Terry St
Bonita Dr
Rogers St
Coventry Ln
Our Ct
Sherwood Ln
Vagabond Way
Rosemary Dr
Noble Ln
Bridgeport Ln
Cape Verde Ln
London Ln
Carolina Dr
Wagon Trl
Tokeen Ct
Safari Dr
Stardust Dr
Nomad Ln
Red Hibiscus Dr
Forest Mere Dr
Coimbra Ln
Piva Ct
Lost Woods Cir
Kiwi Dr
Pinetrail Ct
Amanda Ln
Elaine Dr
Pauline Dr
Joann Dr
Dee Dr
Hoenie Dr
Hale Dr
Prairie Dr
Preservation St
Tortoise Trl
Foster Rd
Longfellow Ln
Allan St
Jervis Rd
Croise Dr
La Coruna Ln
Driveway
Leitner Creek Dr
Goodwin St
Park Ave
Center Ave
Manova Ct
Oakes Ln
Oak Ln
Brooks Ct
Eastlark Dr
Duck Lake Loop
Butler Dr
Williams St
Anglers Dr
Oak St
Palm St
Meadow Ln
Dellwood Ln
Attessa Way
McKenna Ave
Saunders Ave
Pawley Ave
Chapman Ave
Quinn St
Fendleton St
Tangerine Dr
Orange Blossom Dr
Bonita Beach Rd
Eastlark Dr
Duck Lake Loop
Oak Ln
Brooks Ct
Old 41 Rd
Carrell Rd
Carrell Rd
Oak Creek Ln
Glenbrook Ln
Southland Dr
Industrial St



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 24 10**

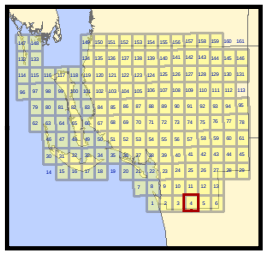
Map Plate **4**

Page 27

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 28 10**

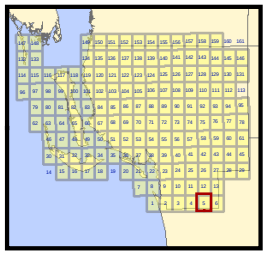
Map Plate **5**

Page 28

Legend

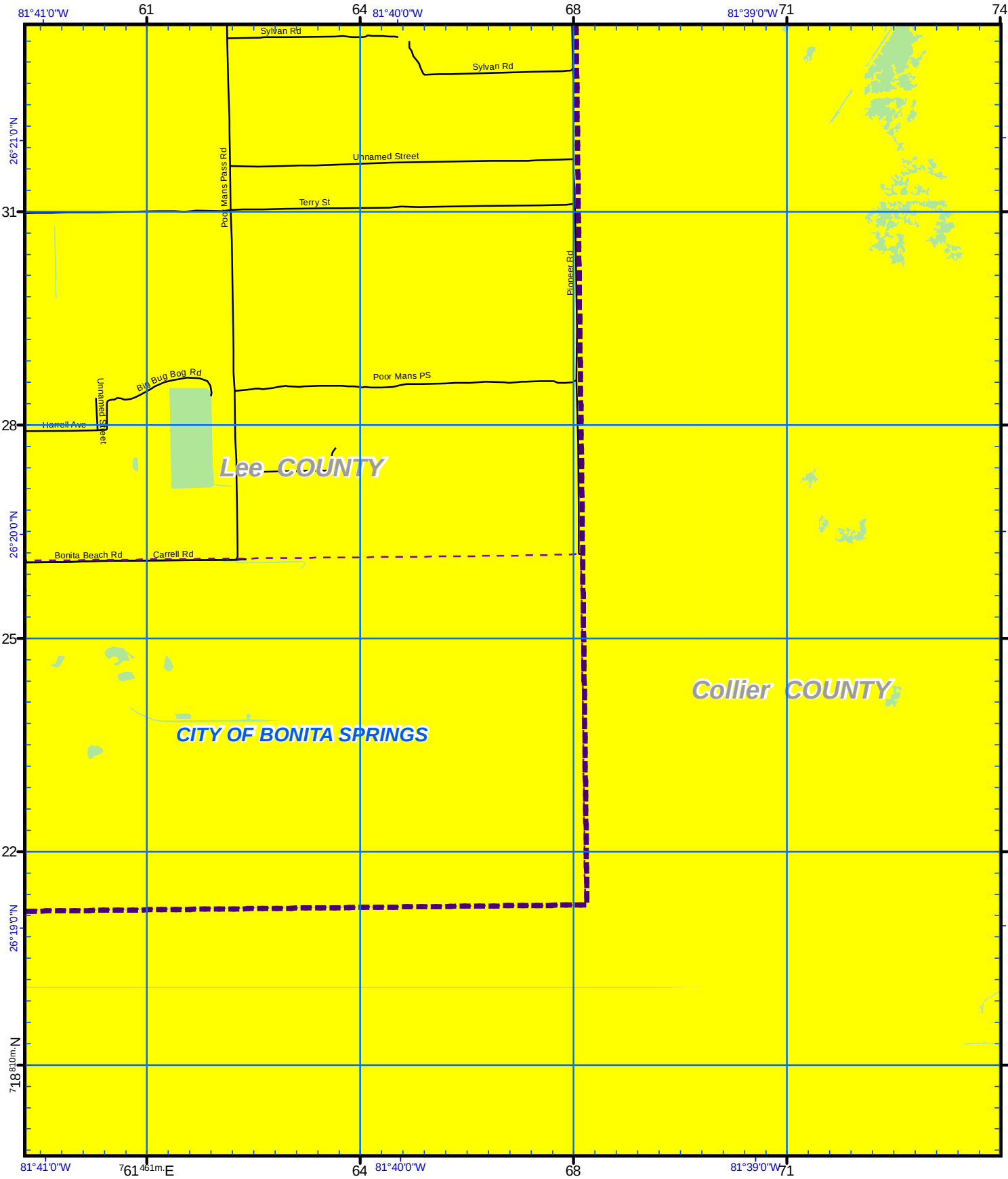
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 32 10**

Map Plate **6**

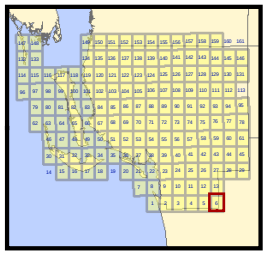
Page 29

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

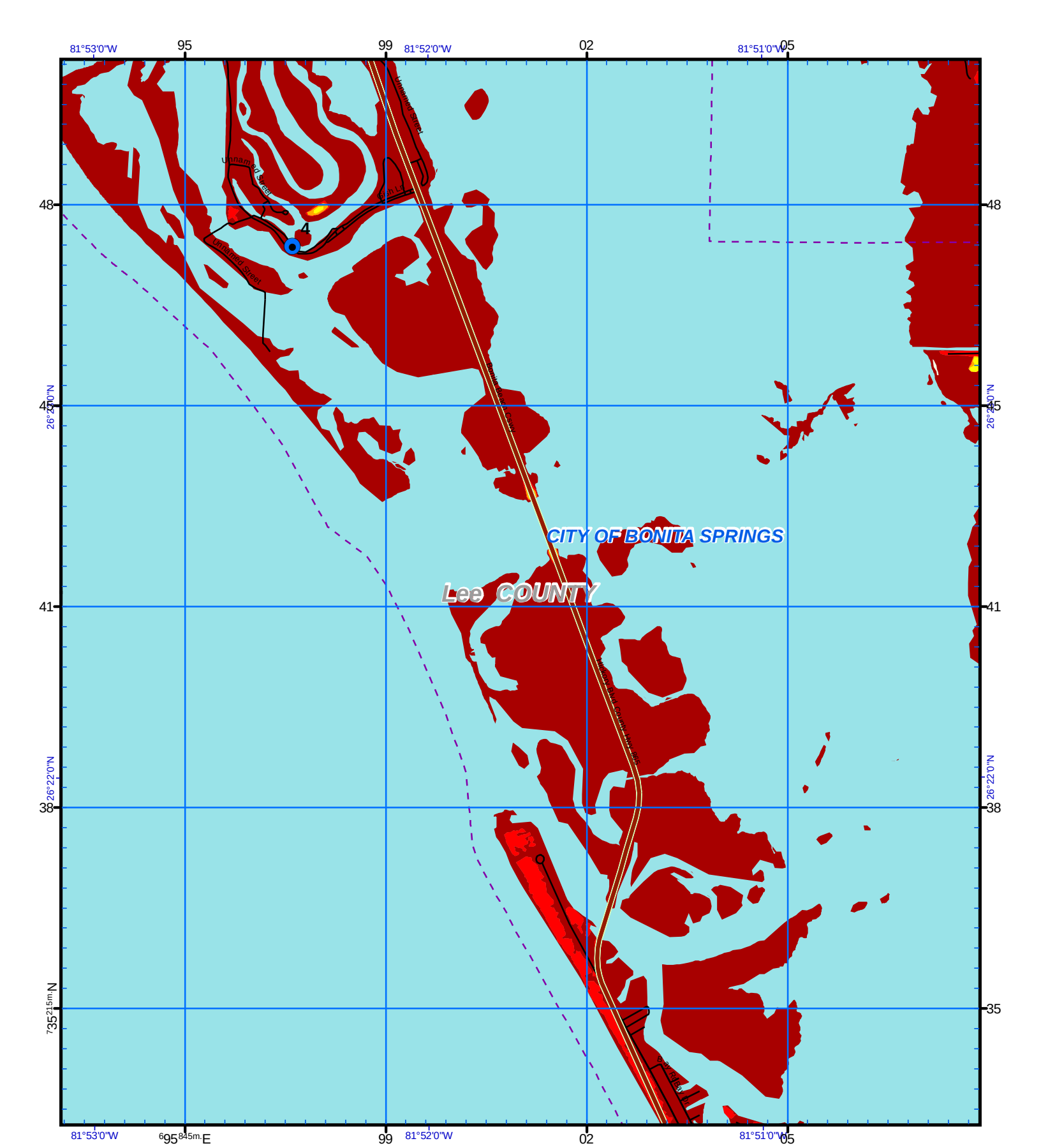
Cat

- TS
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 12 15**

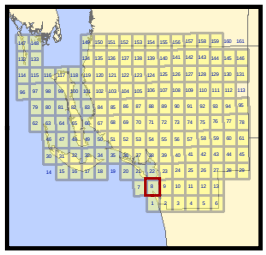
Map Plate **8**

Page 30

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 16 15**

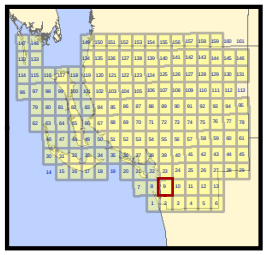
Map Plate **9**

Page 31

Legend

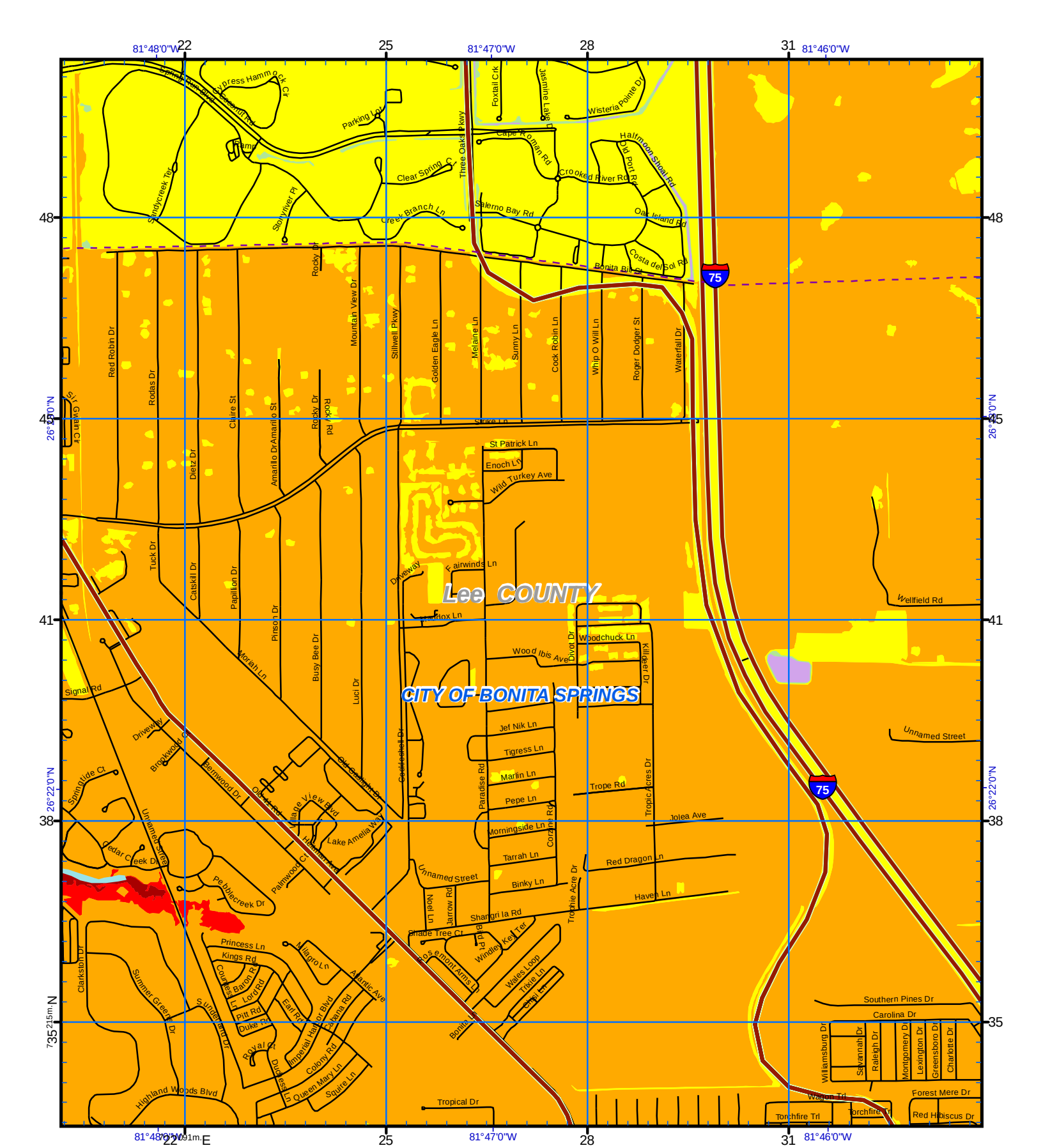
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010


81°48'0"W
81°47'0"W
81°46'0"W
26°25'0"N
26°22'0"N
22
25
28
31
48
41
38
35
Lee COUNTY
CITY OF BONITA SPRINGS
Cypress Hammock Cir
Parking Lot
Foxtail Crk
Jasmine Lake Dr
Wisteria Pointe Dr
Cape Romain Rd
Halfmoon Shoal Rd
Old Port Dr
Crooked River Rd
Clear Spring Cir
Three Oaks Pkwy
Sandycreek Ter
Stonyriver Pl
Creek Branch Ln
Salerno Bay Rd
Oak Island Rd
Costa del Sol Rd
Bonita Blvd
75
Red Robin Dr
Rodas Dr
Clinire St
Amarillo Dr
Amarillo St
Rocky Dr
Rock Rd
Mountain View Dr
Stillwell Pkwy
Golden Eagle Ln
Melaine Ln
Sunny Ln
Cook Robin Ln
Whip O Will Ln
Roger Dodger St
Waterfall Dr
Sir Gwain Cir
Dietz Dr
Stike Ln
St Patrick Ln
Enoch Ln
Wild Turkey Ave
Tuck Dr
Catskill Dr
Papillon Dr
Pinson Dr
Busy Bee Dr
Luci Dr
Driveway
Fairwinds Ln
Paradox Ln
Woodchuck Ln
Wood Ibis Ave
Divot Dr
Kingfisher Ct
Wellfield Rd
Moriah Ln
Signal Rd
Brookwood Ct
Bernwood Dr
Oakwood Ct
Village View Blvd
Lake Amelia Way
Hammond Ave
Palmwood Ct
Cedar Creek Dr
Pebblecreek Dr
Springglade Ct
Unnamed River
Clarkston Dr
Summer Green Dr
Sundance Dr
Highland Woods Blvd
Princess Ln
Kings Rd
Courtesy Ln
Baron Rd
Lord Rd
Pitt Rd
Duke Rd
Earl Rd
Imperial Harbor Blvd
Cabana Rd
Atlantic Ave
Royal Dr
Colony Rd
Duchess Ln
Queen Mary Ln
Squire Ln
Milagro Ln
Tropical Dr
Jet Nik Ln
Tigress Ln
Marlin Ln
Pepe Ln
Morningside Ln
Tarrah Ln
Binky Ln
Shangri la Rd
Shade Tree Ct
Nolen Ln
Jarrow Rd
Paradise Rd
Coralne Rd
Trope Rd
Tropic Acres Dr
Jolea Ave
Red Dragon Ln
Haven Ln
Trothie Acre Dr
Windley Key Ter
Belaire Ln
Belcrest Ln
Belmont Arms Ln
Wales Loop
Trade Ln
Ship Ln
Bonita Ln
Unnamed Street
Southern Pines Dr
Carolina Dr
Williamsburg Dr
Savannah Dr
Raleigh Dr
Montgomery Dr
Lexington Dr
Greensboro Dr
Charlotte Dr
Forest Mere Dr
Wagon Trl
Torchfire Trl
Red Hibiscus Dr
Cooleshell Dr
Our Savior Dr
Driveway
Unnamed Street
Tropic Acres Dr
Cooleshell Dr
Paradise Rd
Coralne Rd
Trothie Acre Dr
Belaire Ln
Belcrest Ln
Belmont Arms Ln
Windley Key Ter
Wales Loop
Trade Ln
Ship Ln
Bonita Ln
Tropical Dr
Unnamed Street
Southern Pines Dr
Carolina Dr
Williamsburg Dr
Savannah Dr
Raleigh Dr
Montgomery Dr
Lexington Dr
Greensboro Dr
Charlotte Dr
Forest Mere Dr
Wagon Trl
Torchfire Trl
Red Hibiscus Dr
Wellfield Rd
Unnamed Street
Jolea Ave
Red Dragon Ln
Haven Ln
Tropical Dr
Torchfire Trl
Wagon Trl
Forest Mere Dr
Red Hibiscus Dr
Southern Pines Dr
Carolina Dr
Williamsburg Dr
Savannah Dr
Raleigh Dr
Montgomery Dr
Lexington Dr
Greensboro Dr
Charlotte Dr
Unnamed Street
Tropic Acres Dr
Trope Rd
Jolea Ave
Red Dragon Ln
Haven Ln
Trothie Acre Dr

US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 24 15**

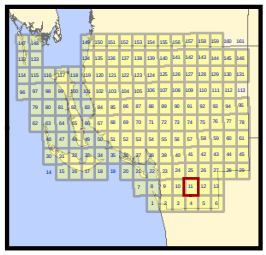
Map Plate **11**

Page 33

Legend

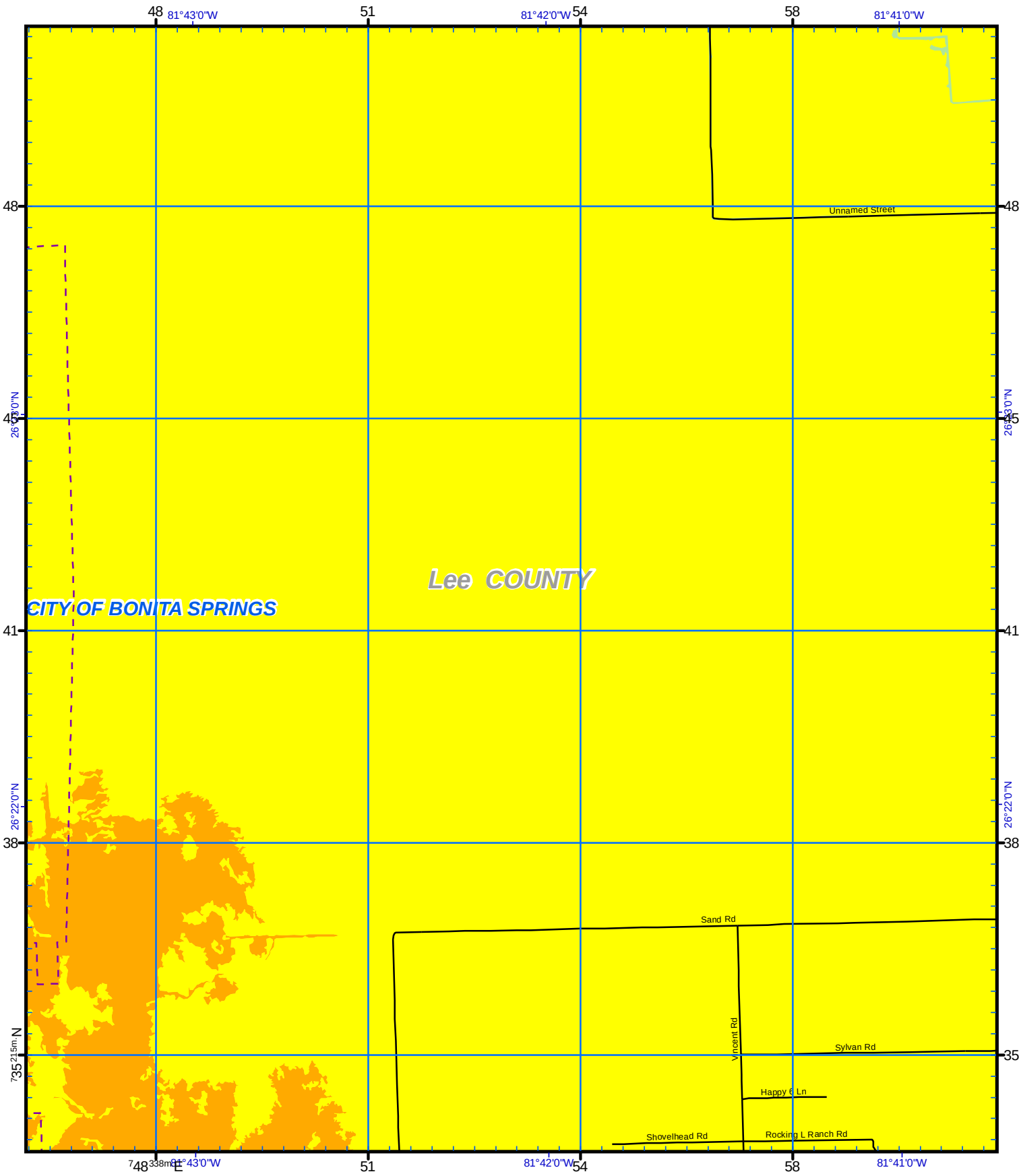
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 28 15**

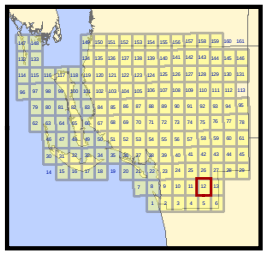
Map Plate **12**

Page 34

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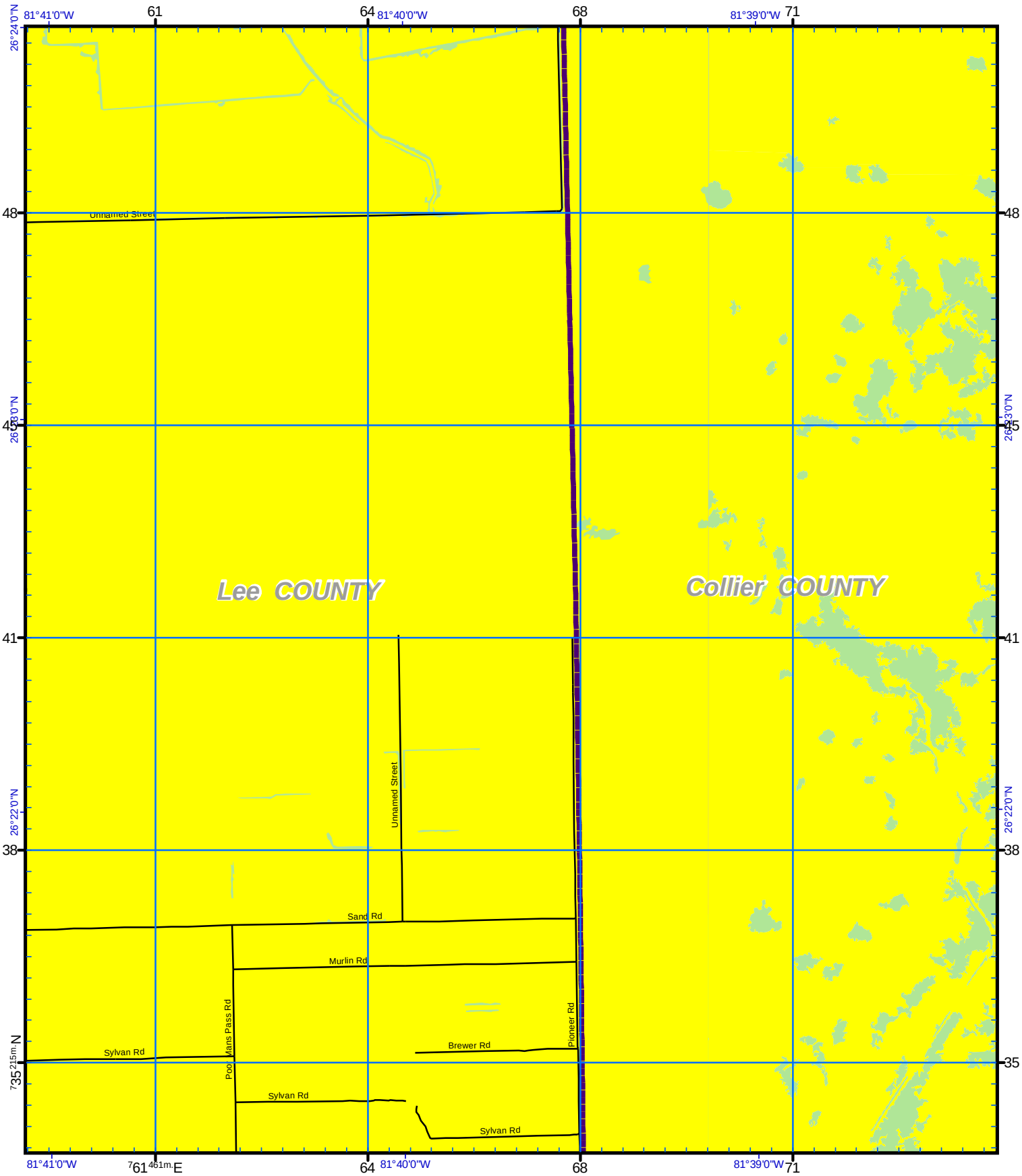
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 32 15**

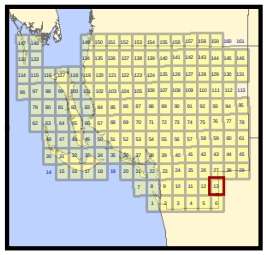
Map Plate **13**

Page 35

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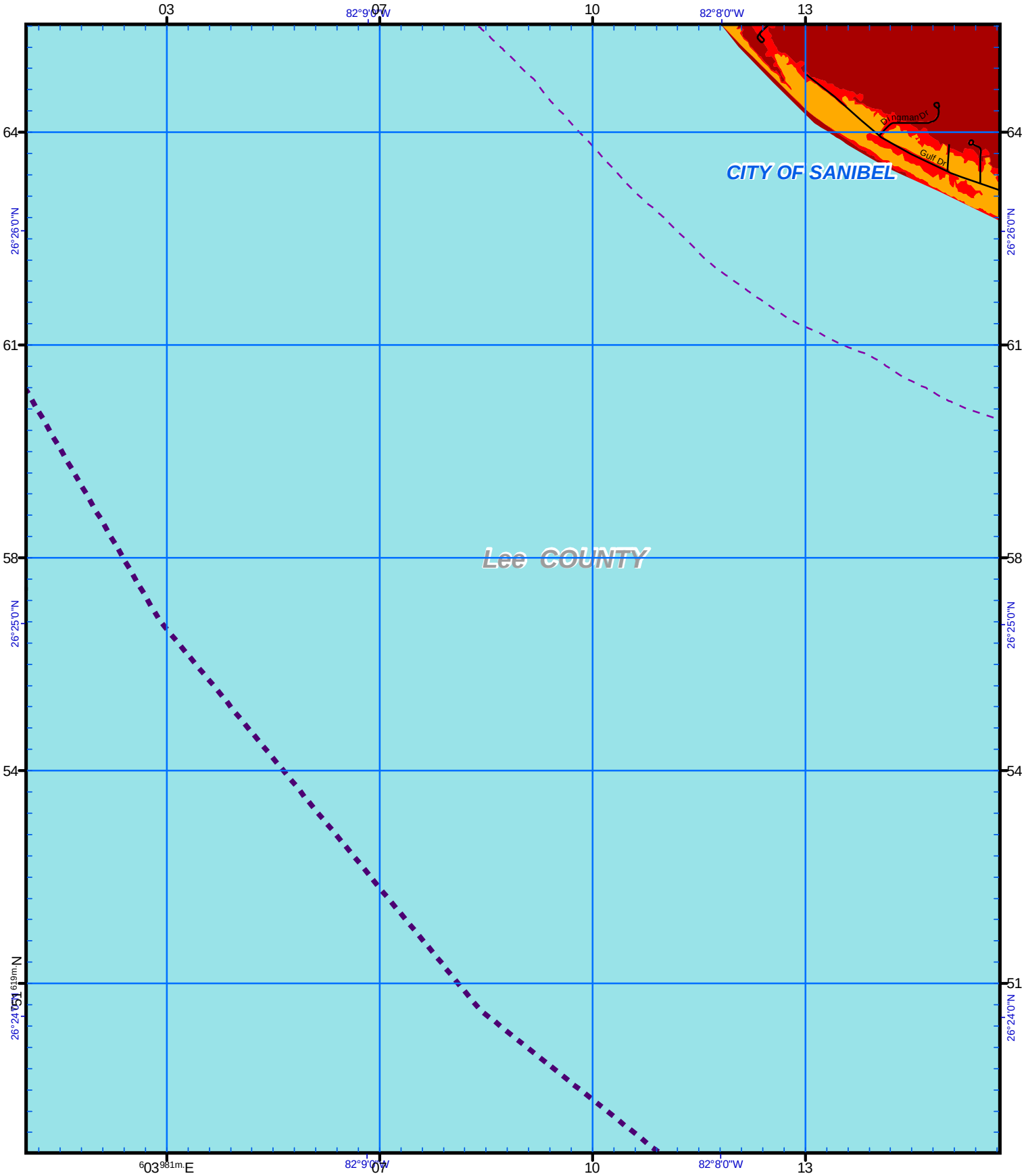
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

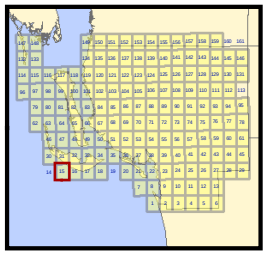
USNG Page **17R LK 84 20**

Map Plate **15**

Page 36

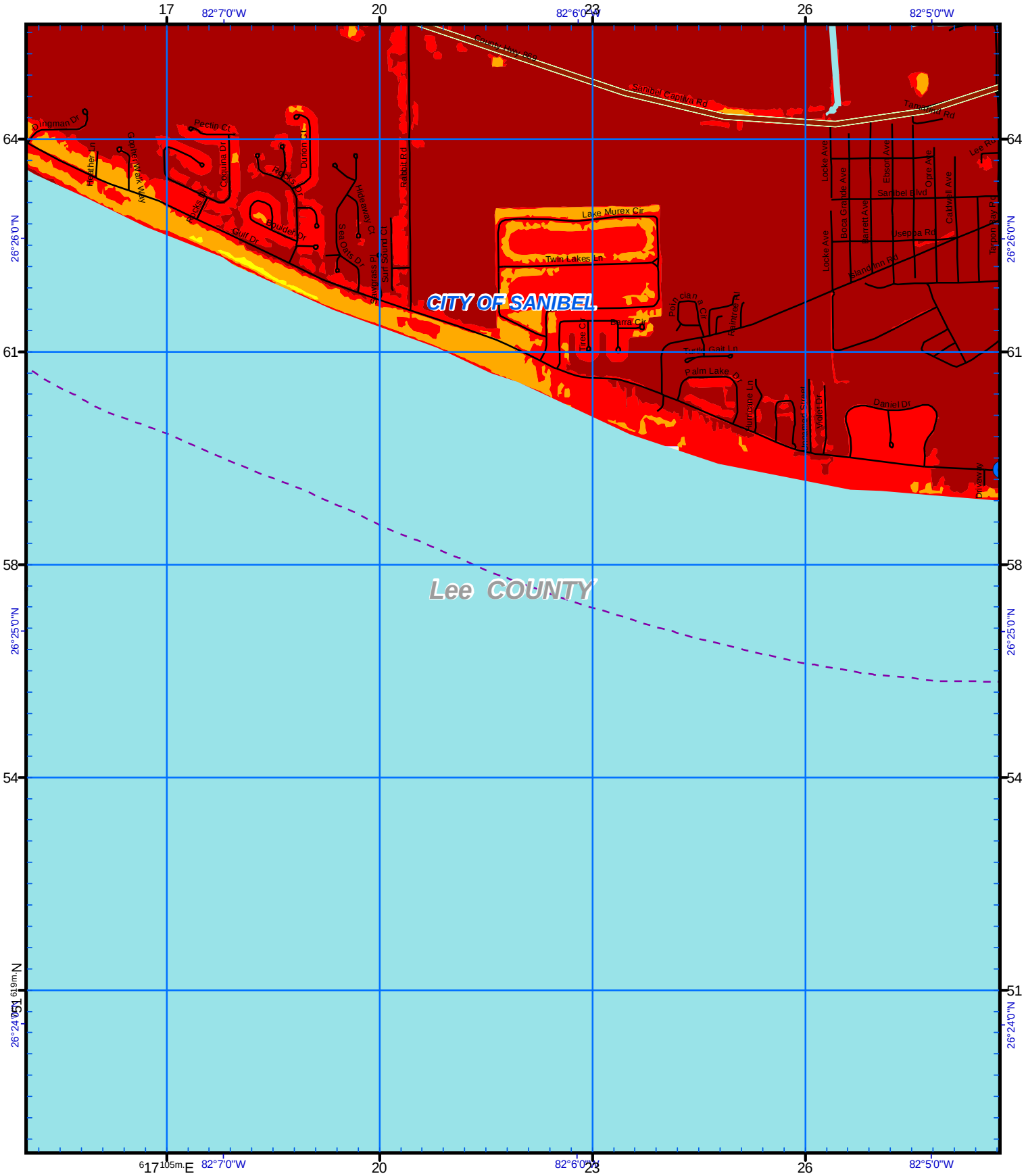
Legend

	Cat
Ref Point	TS
HOSPITAL	1
City Limits	2
Evacuation Route	3
Existing Water	4
	5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R LK 88 20**

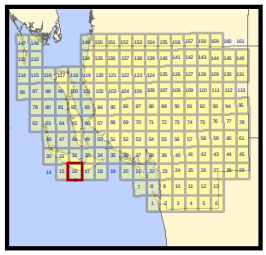
Map Plate **16**

Page 37

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 92 20**

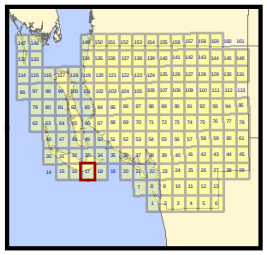
Map Plate **17**

Page 38

Legend

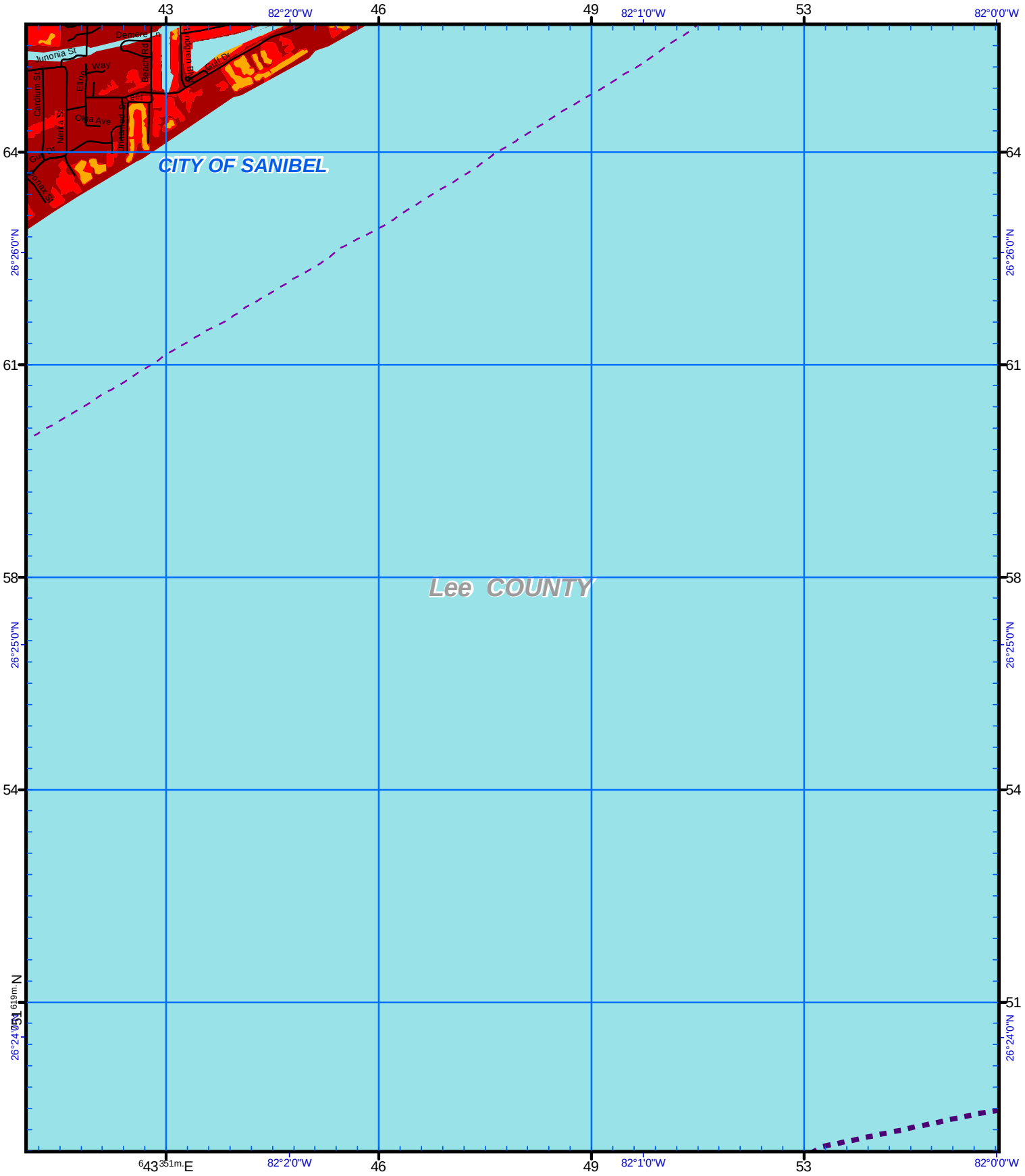
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

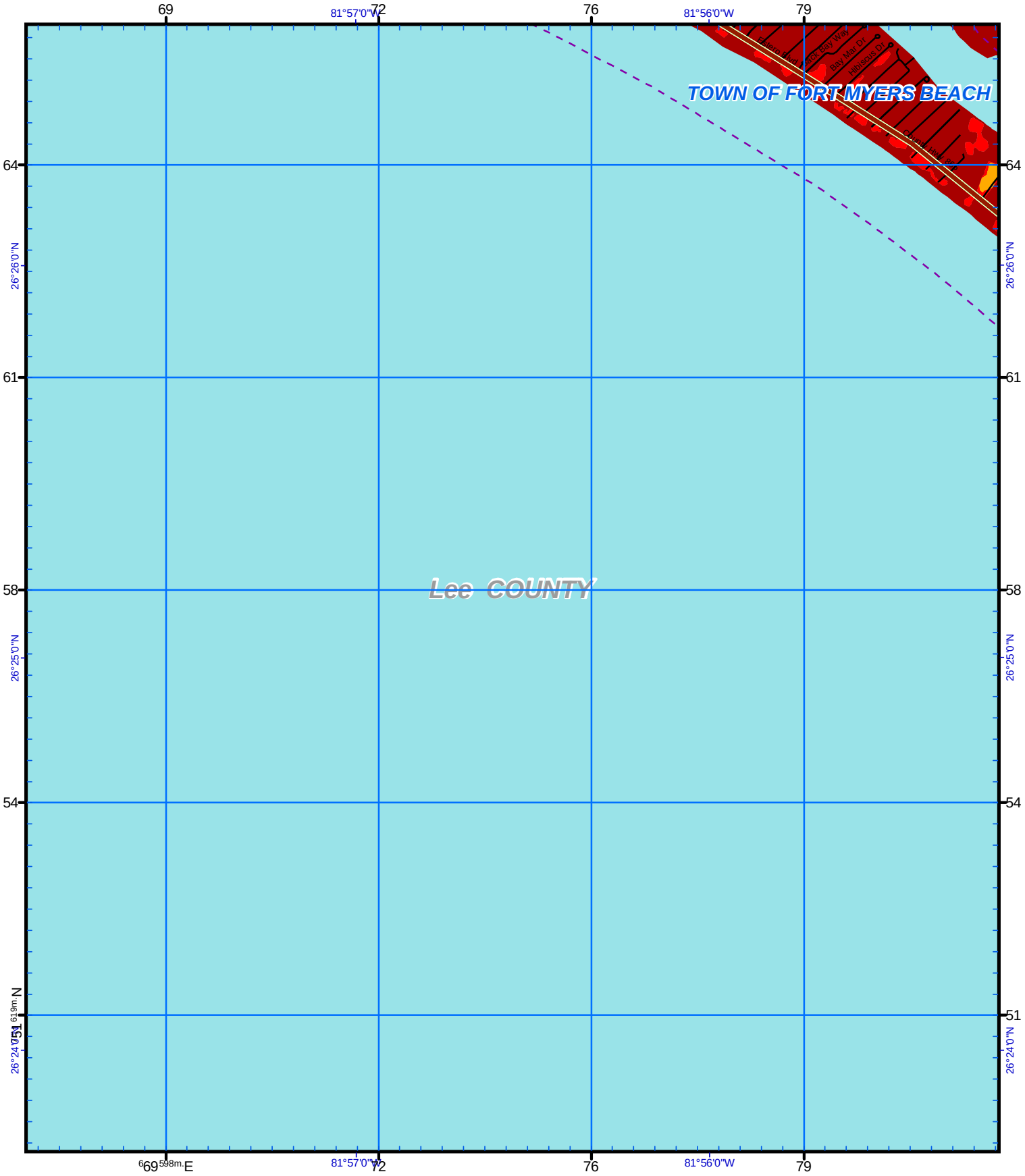
Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010


43
82°2'0"W
46
49
82°1'0"W
53
82°0'0"W
64
61
58
54
51
26°26'0"N
26°25'0"N
26°24'0"N
CITY OF SANIBEL
Lee COUNTY
Junonia St
Demere Ln
Beach Rd
Gulf Dr
Periwinkle Way
Cardium St
Nerita St
Olga Ave
Algiers Ln
Sea Oat Ln
Sea Oat Ln
Conch Ln
Conch Ln
Sea Oat Ln
Sea Oat Ln
Sea Oat



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 04 20**

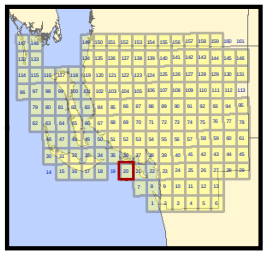
Map Plate **20**

Page 40

Legend

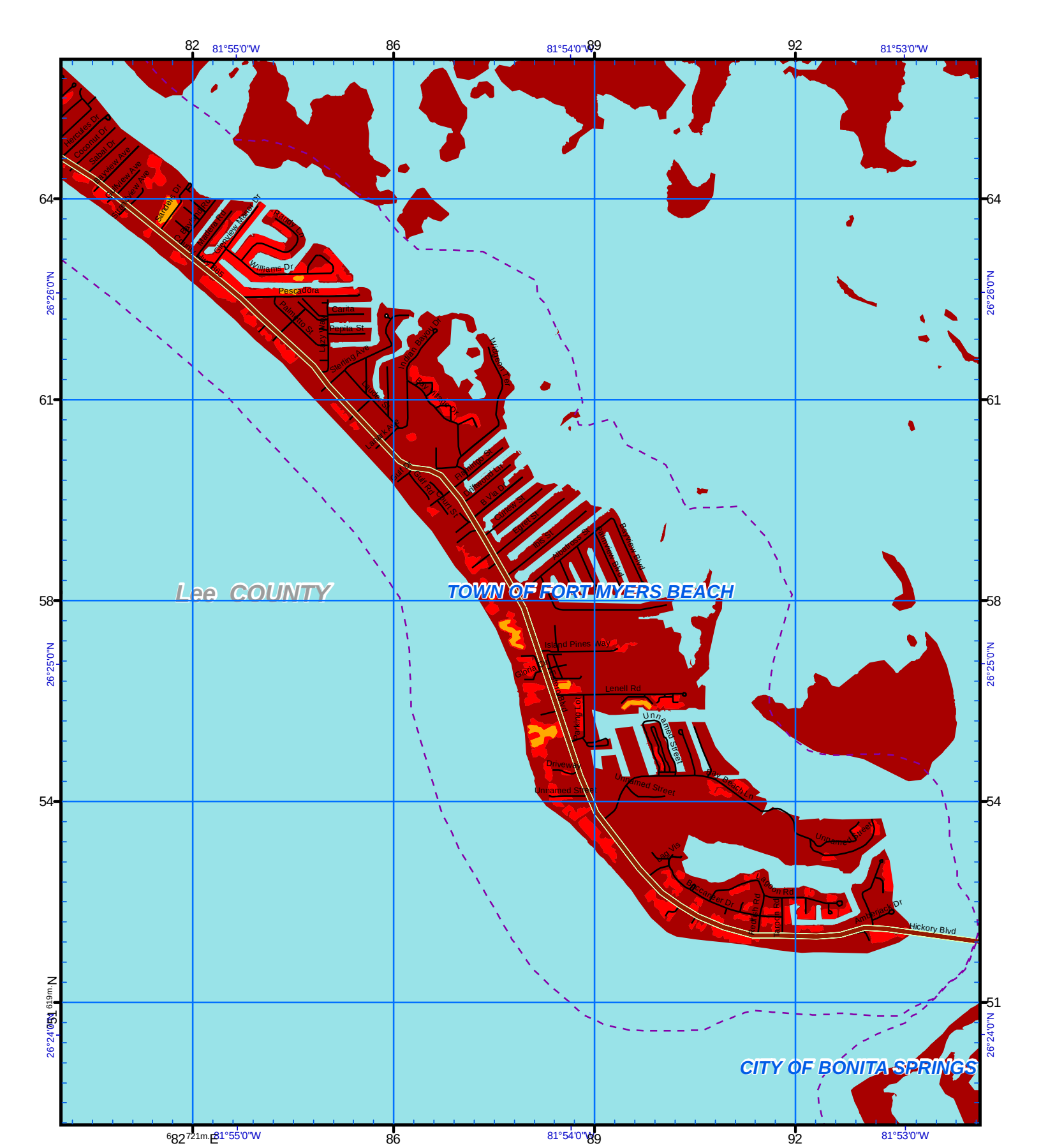
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 08 20**

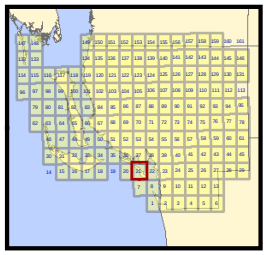
Map Plate **21**

Page 41

Legend

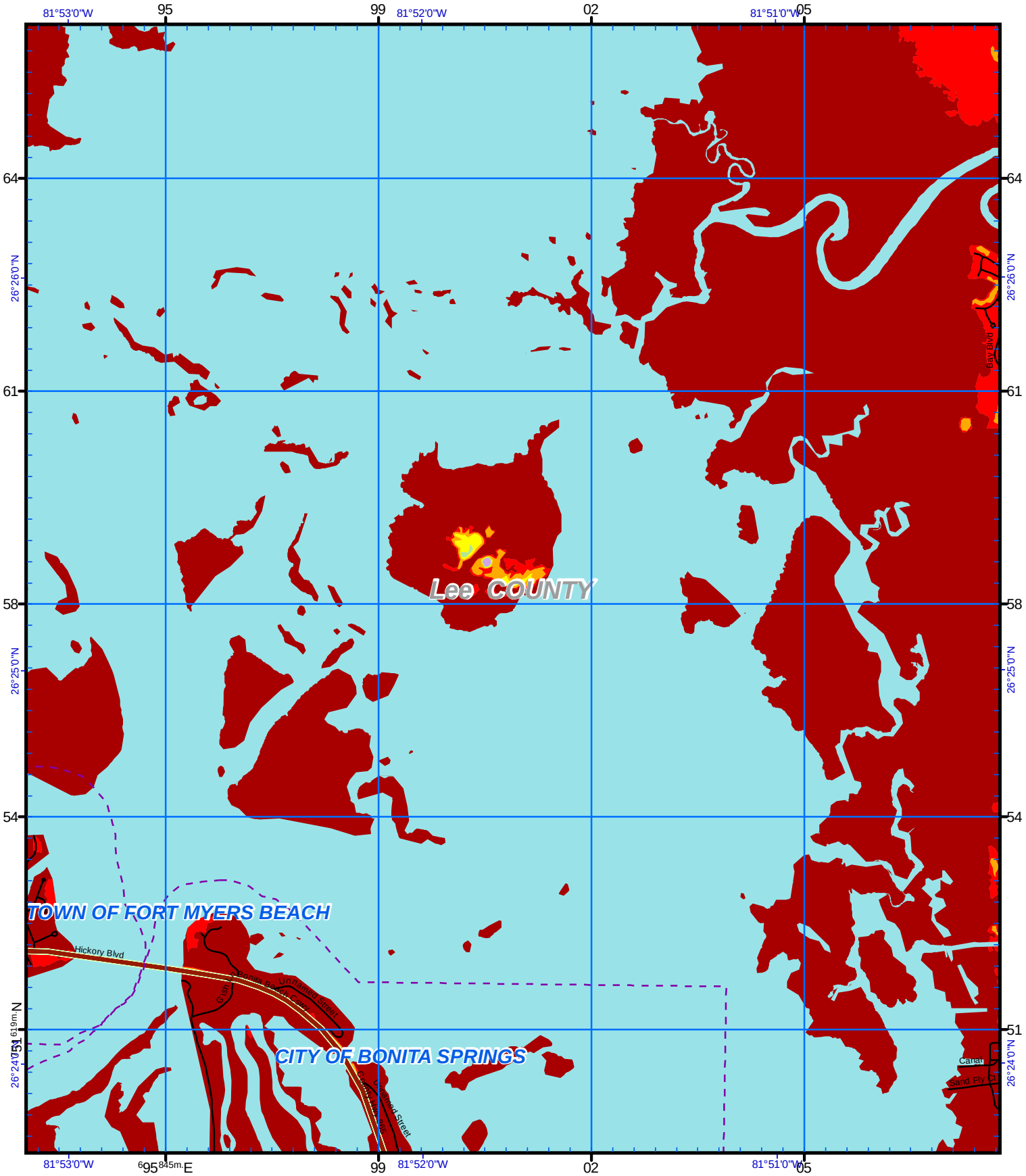
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
TS
1
2
3
4
5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 12 20**

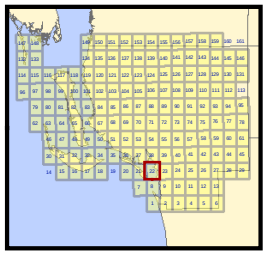
Map Plate **22**

Page 42

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5

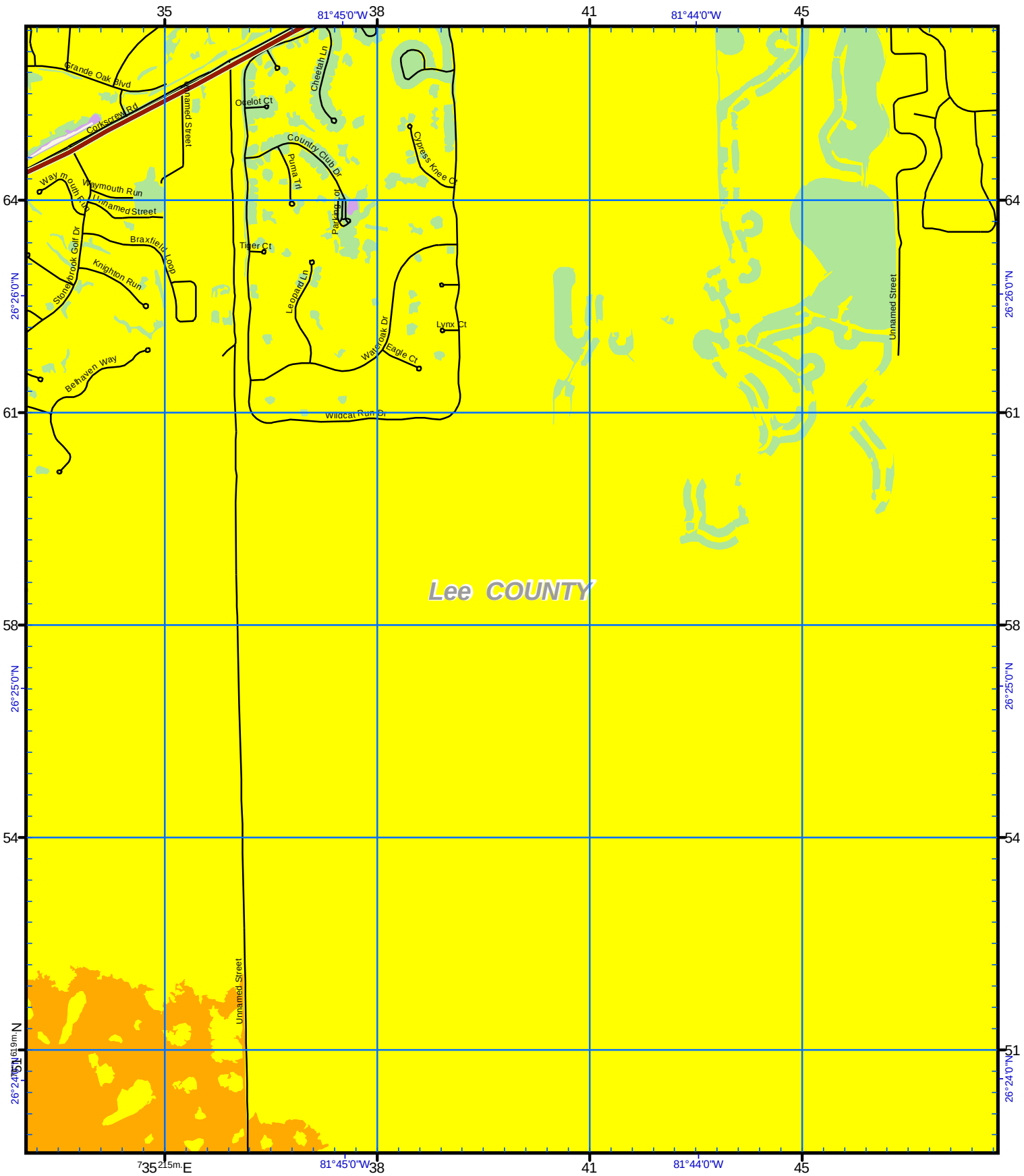


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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

08
81°50'0"W
12
15
81°49'0"W
18
81°48'0"W
64
61
58
54
51
26°26'0"N
26°25'0"N
26°24'0"N
Lee COUNTY
41
45
5
3
Westwood Dr
Broadway Ave
Altivo St
Unnamed Street
Judeth Ln
Highlands Ave
Tanglewood Ln
Sandline Way
Date Palm Ln
Grapefruit Ln
Coralberry Ln
Lychee Ln
Pinehurst Greens Dr
Pinehurst Greens Ct
Pelican Sound Blvd
Corkscrew Rd
Corkscrew Village Ln
Corkscrew Palms Blvd
Commons Way
Happy Hollow Ln
Driveway
Left Bank Ln
Riverbrooke Run
Island Sound Cir
Forest Hills Dr
Pelican Sound Dr
Masters Ct
Classics Ct
Sound Way
Southern Hills Dr
Tamiami Trl
US Hwy 41
Cat Cay Ct
Williams Rd
Palmetto Ridge Dr
Baybridge Blvd
Red Laurel Ln
Kings Rd
El Dorado Blvd
Caracas St
Tropicana Ave
Madrid St
Spring Garden Ln
Island Lakes Dr
Fountain Lakes Blvd
Malvanr Way
Carolina Dr
Stone Way
Springside Dr
Sand Dune Rd
Forest Ridge Dr
White Oak Ln
Long Oak Dr
Grassy Pine Dr
Marsh Landing Blvd
Hollow Pine Dr
Olde Meadowbrook Ct
Olde Meadowbrook Ln
Dahoon Holly Ct
Coconut Island Dr
Mooring Lake Dr
Pepper Mill Ct
Rosedale Dr
Spring Run Blvd
Key Largo Ln
Catalina Ln
Santiago Ln
Del Rio Ln
Sierra Ln
San Antonio Ln
Villa Capri Ln
Driveway
Coconut Rd
Unnamed Street
Canal
Mantle St
Sand Fly Ct
Weeks St
Drayne St
Ridgepoint Dr
Indigo Bay Blvd
Armada Ct
Portholes Ct
Medena Ln
Park Pl
Royal Palm Dr
Riverside Dr
Pine Tree Ln
Coconut Dr
Sherrill Ln
Luetich Ln
Port Dr
Garden Dr
Fairlawn Blvd
Oahu Ct
Lakeland Blvd
Clearing Cross Cir
Longan Ln
Ian Ct
Poinciana Ave
Unnamed Street
Tanglewood Ln
Driveway
Unnamed Street
Driveway
Unnamed Street
Driveway
Unnamed Street

81°48'0"W
81°47'0"W
81°46'0"W
22
25
28
31
64
61
58
54
51
26°26'0"N
26°25'0"N
26°24'0"N
Lee COUNTY
75
Unnamed Street
Broadway Ave
Driveway
Lanthorn Way
Estero Gardens Cir
Candlewood Holw
Country Creek Dr
Willow Way
Rivers Rdg
Rivers Edge Trl
Sandlinewood
Blackspring Cir
Andiron Pl
Persimmon Pl
Rivers Reach
Laurel Oak Pl
Oxbow Bnd
Country Barn Dr
Still Oak Way
Butchers Holler
Cypress Bark Cir
See See St
Corkscrew Rd
Driveway
Coralee Ave
Spring Ridge Cir
Block Ln
River Ranch Rd
Home Ln
Laurie Cir
Drivewa
Silvercreek Ct
Springlake Cir
Unnamed Street
Sandy Ln
Williams Rd
Sweetwater Ln
Palmetto Ridge Dr
Inner Oaks Pkwy
Sanctuary Dr
Rose Bay Bend W Cir
Ann Cir
Lehigh Dr
Vermridge Ct
Sterlingwood Blvd
Amber Lawn Dr
Wintercress Dr
Great Lakes Dr
Autumn Breeze Dr
Baycrest Ridge Dr
Creekedge Ct
Stillwater Cove Ln
Orchid Ridge Ln
Cidermill Dr
Oakwickle Blvd
Hollow Pine Dr
Shady Knoll Dr
Mossy Trl
Idle Pine Ln
Bay Mdw
Magnolia Bnd
Foxtail Crk
Jasmine Lake Dr
Copperleaf Blvd
Wisteria Pointe Dr
Parking Lot
Rosedale Dr
Foxberry Ln
Coconut Rd
Spring Run Blvd
Pine Crest Ct
Everblades Pkwy
Everblades Hockey Arena
Ben Hill Griffin Pkwy
Burnside Pl
Grande Oak Blvd
Grande Oak Way
Miromar Outlet Dr
Waymouth Run
Braxfield Loop
Lancaster Run
Knighton Run
Corkscrew Woodlands Blvd
Exit 123
Longbrook Golf Blvd
Sheridan Run
Stratham Loop
Stoneybrook Golf Dr
Berwick Run
Portrush Run
Pembrook Run
Belhaven Way
Longholm Run
Windham Run
Hepsidale Run
Brixham Run Loop
Woodmount Ln
Unnamed Street
Knowles Blvd
Unnamed Street
Unnamed Street
Unnamed Street



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 24 20**

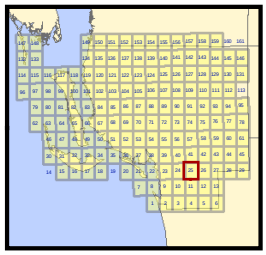
Map Plate **25**

Page 45

Legend

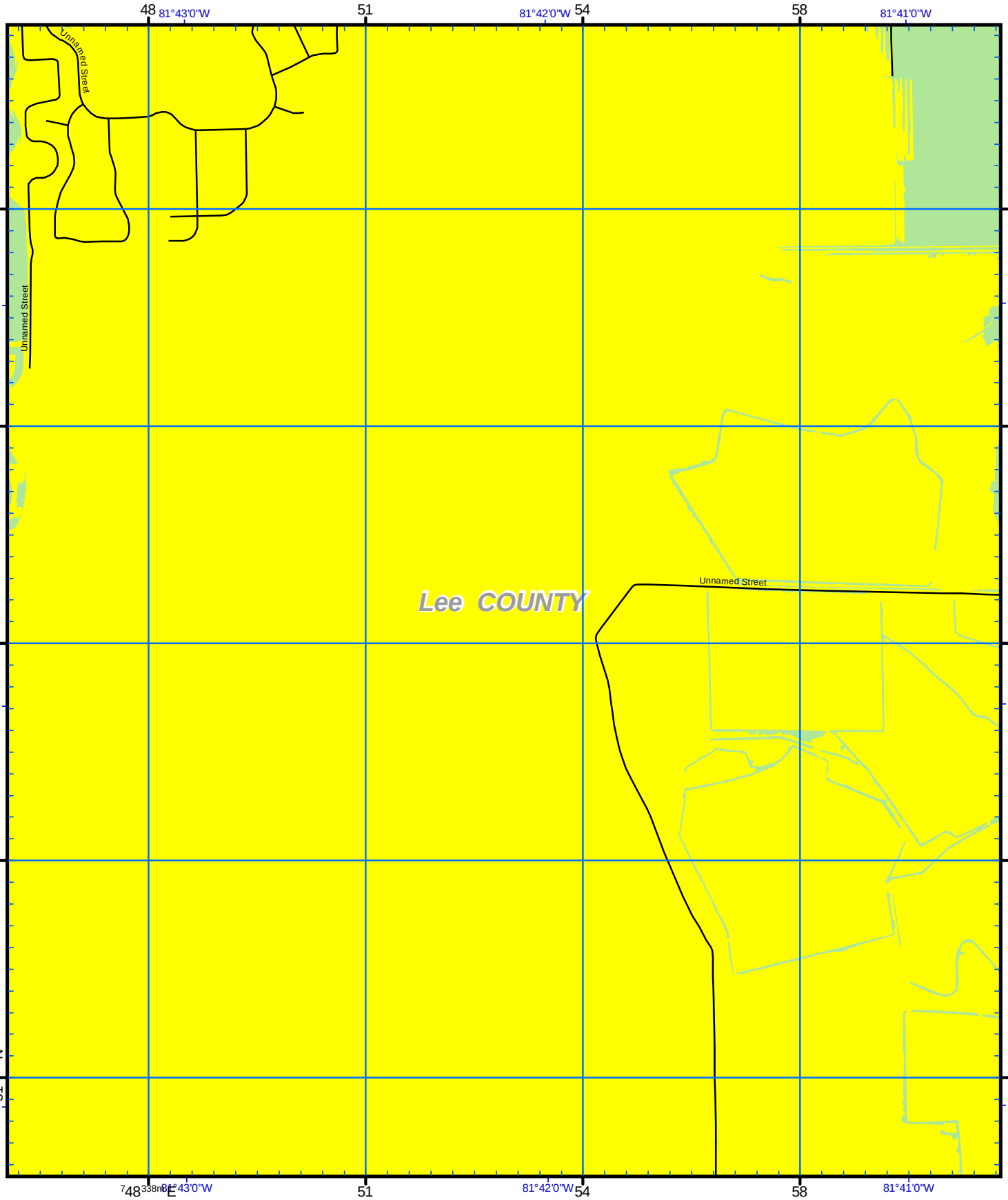
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

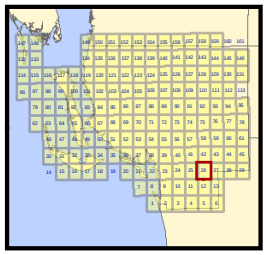
USNG Page **17R MK 28 20**

Map Plate **26**

Page 46

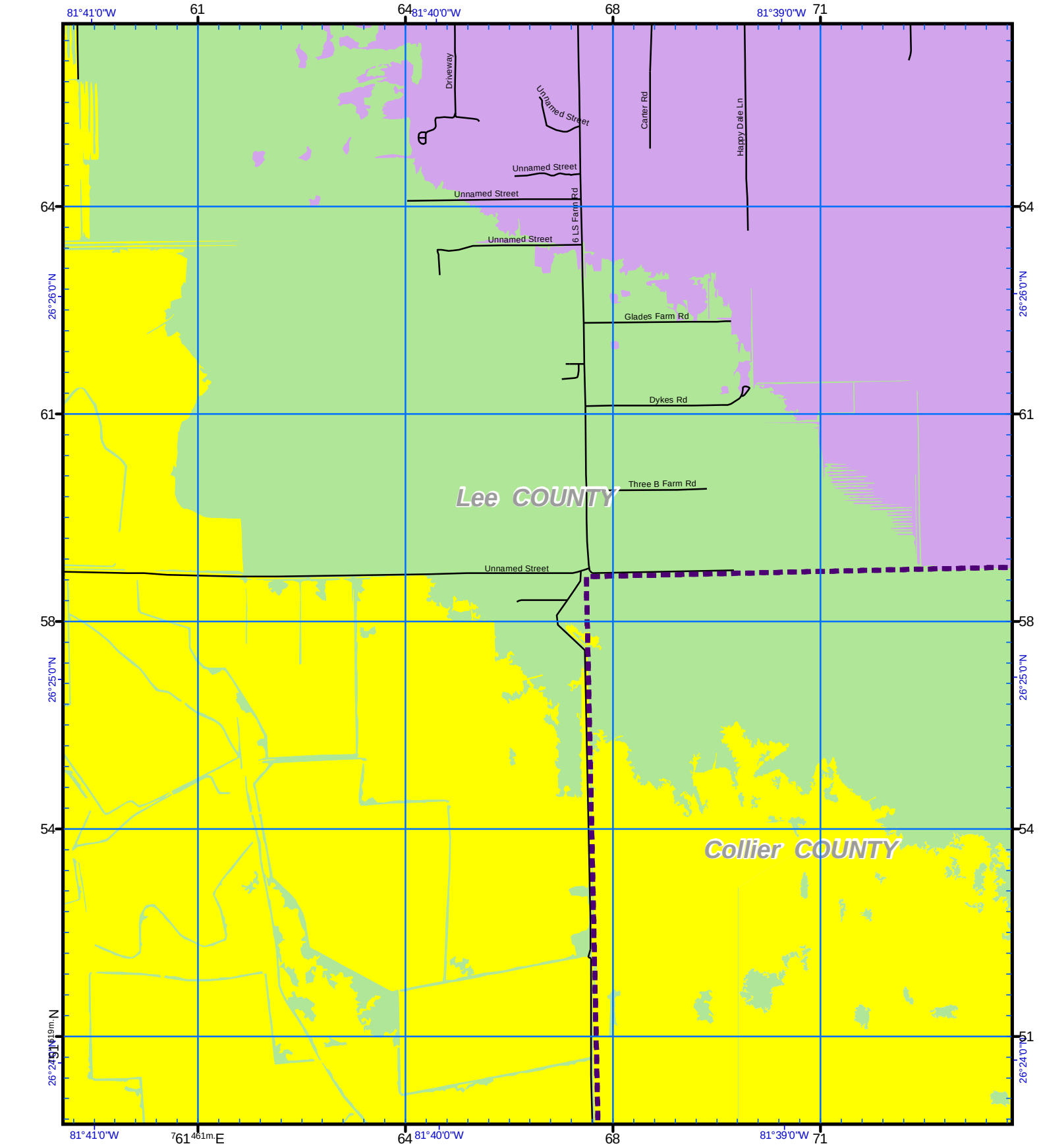
Legend

	Cat
Ref Point	TS
HOSPITAL	1
City Limits	2
Evacuation Route	3
Existing Water	4
	5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 32 20**

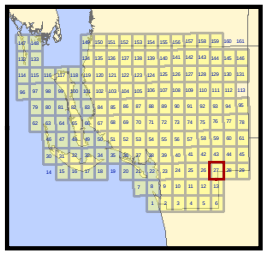
Map Plate **27**

Page 47

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 36 20**

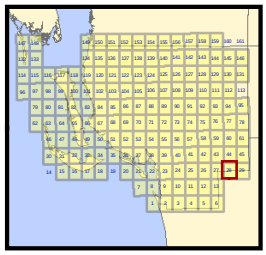
Map Plate **28**

Page 48

Legend

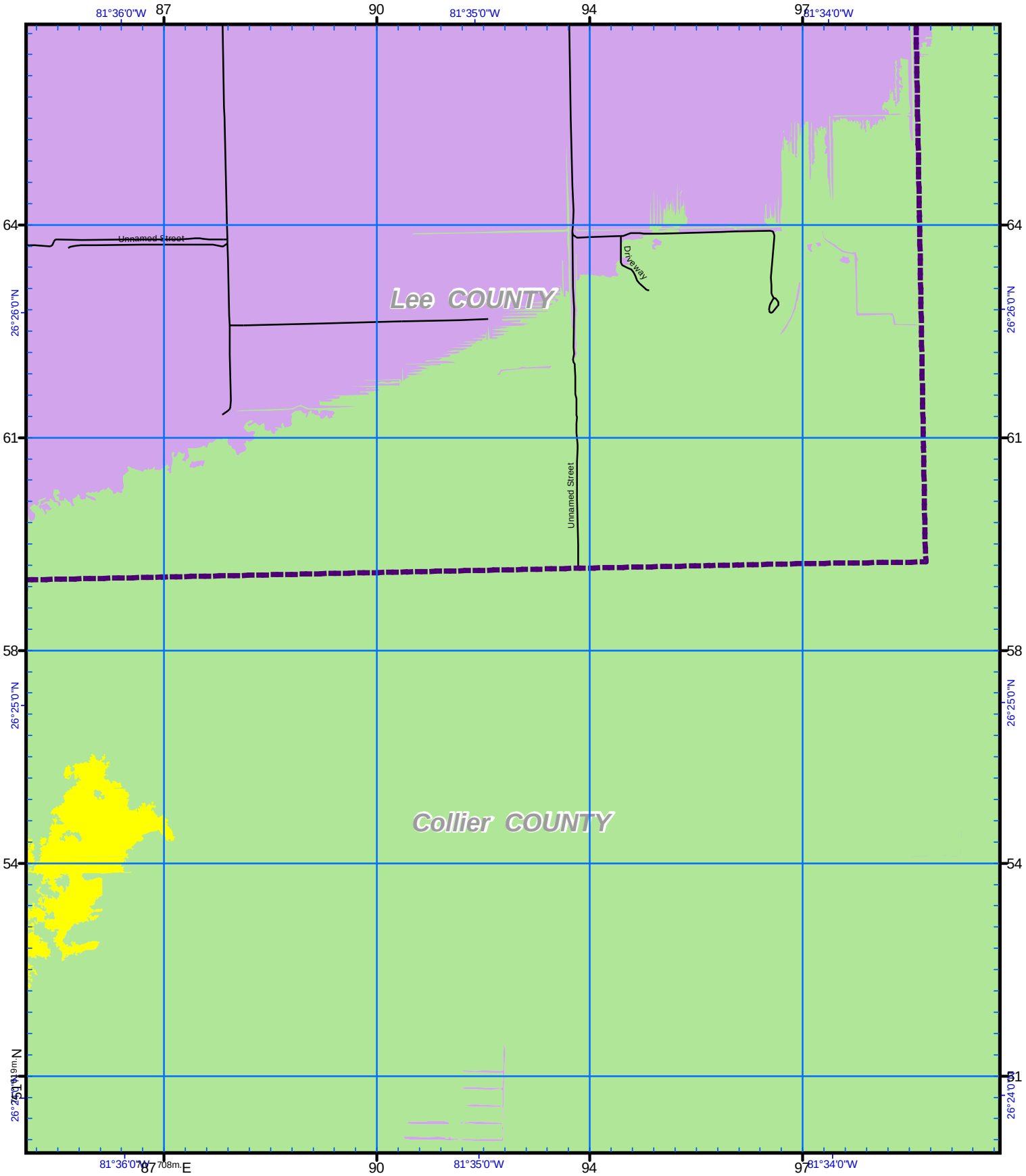
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 40 20**

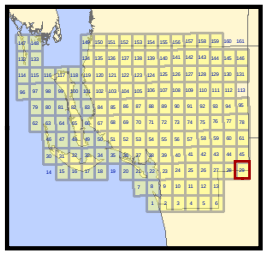
Map Plate **29**

Page 49

Legend

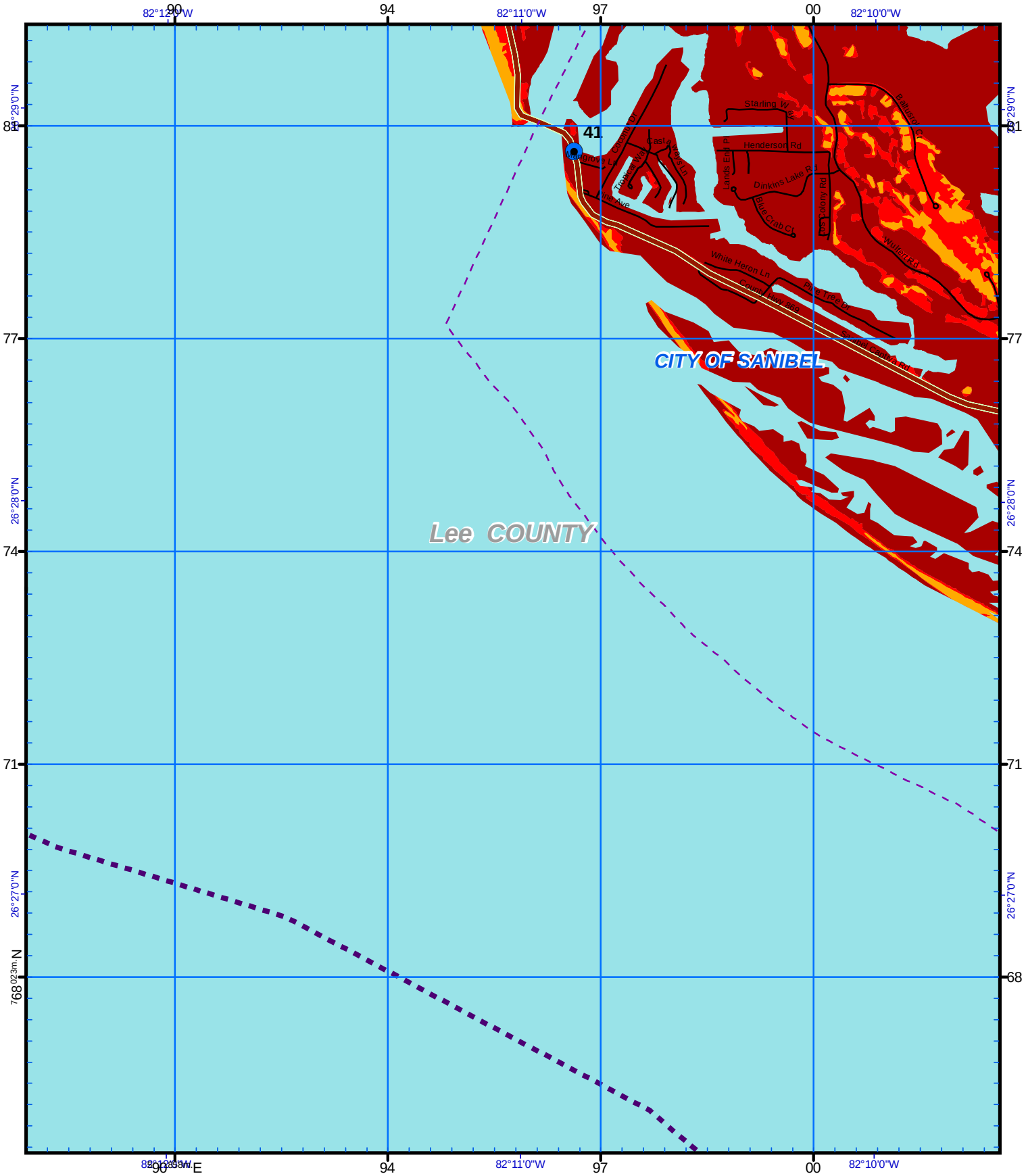
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 80 25**

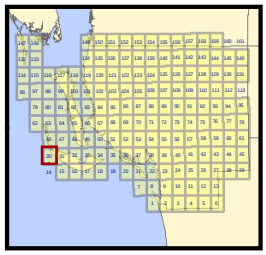
Map Plate **30**

Page 50

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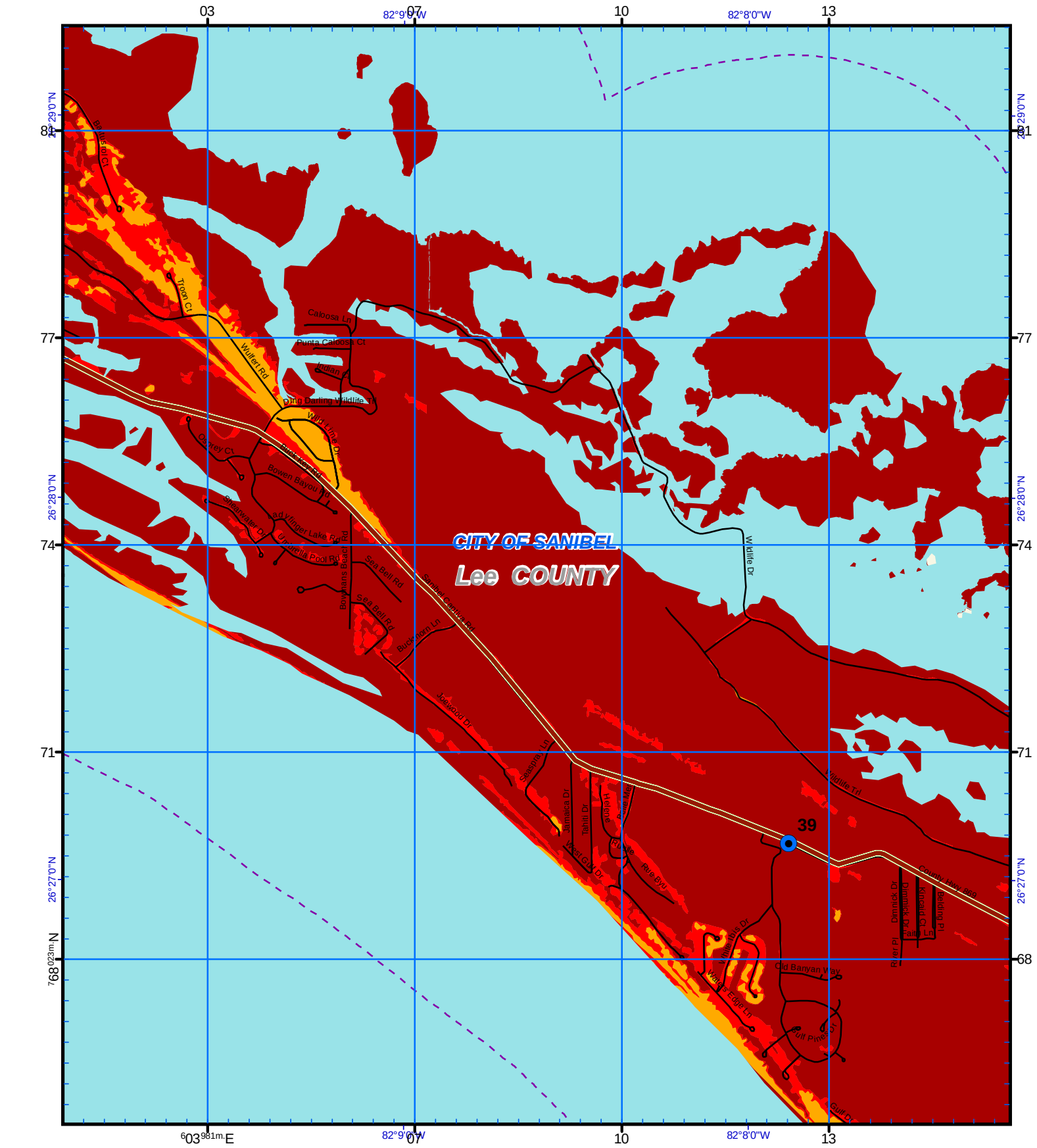
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 84 25**

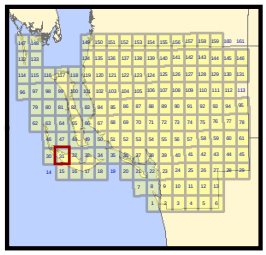
Map Plate **31**

Page 51

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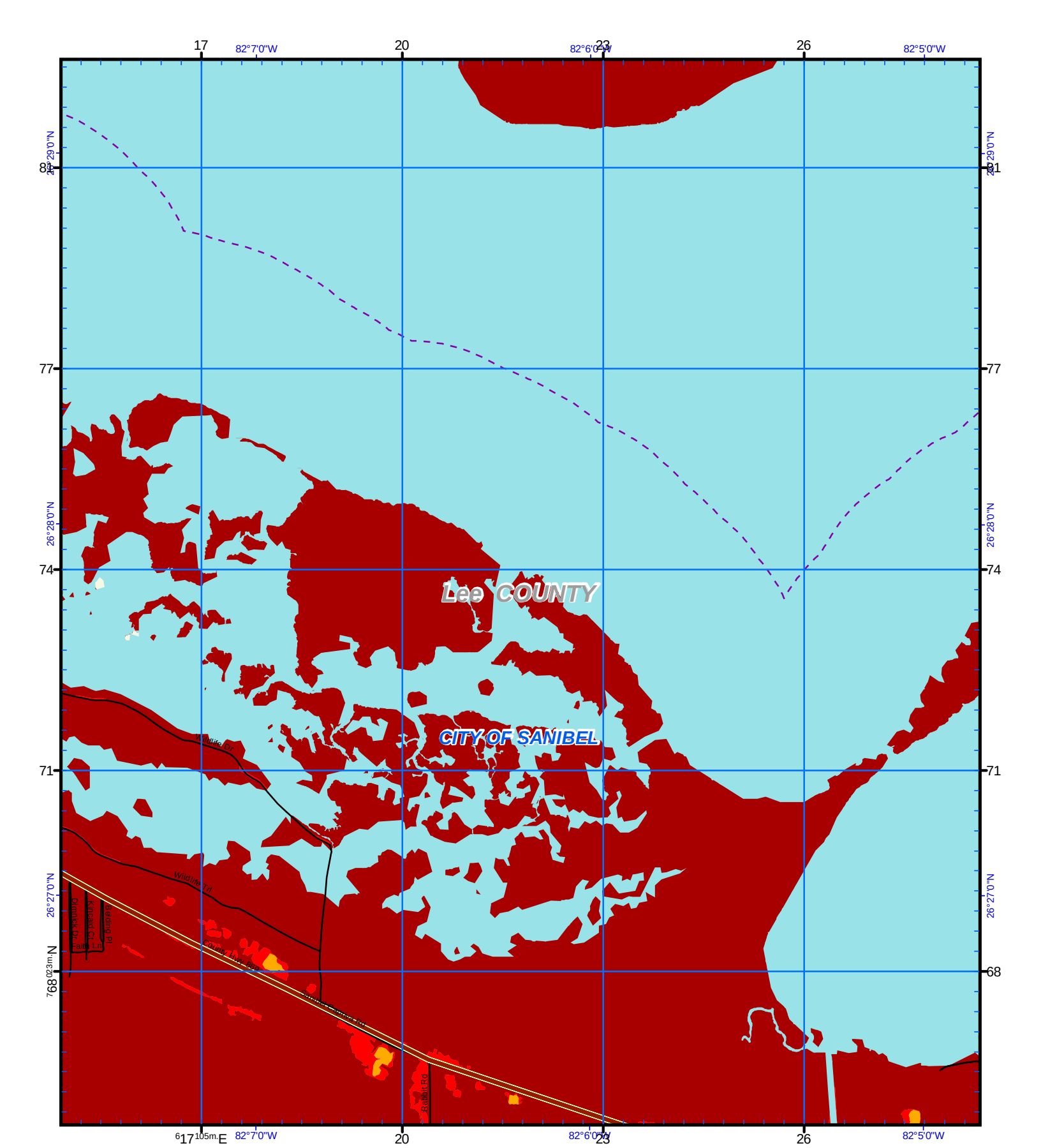
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale

Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 88 25**

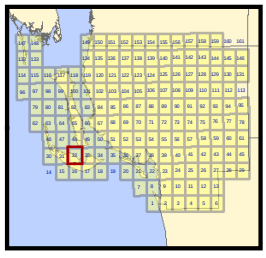
Map Plate **32**

Page 52

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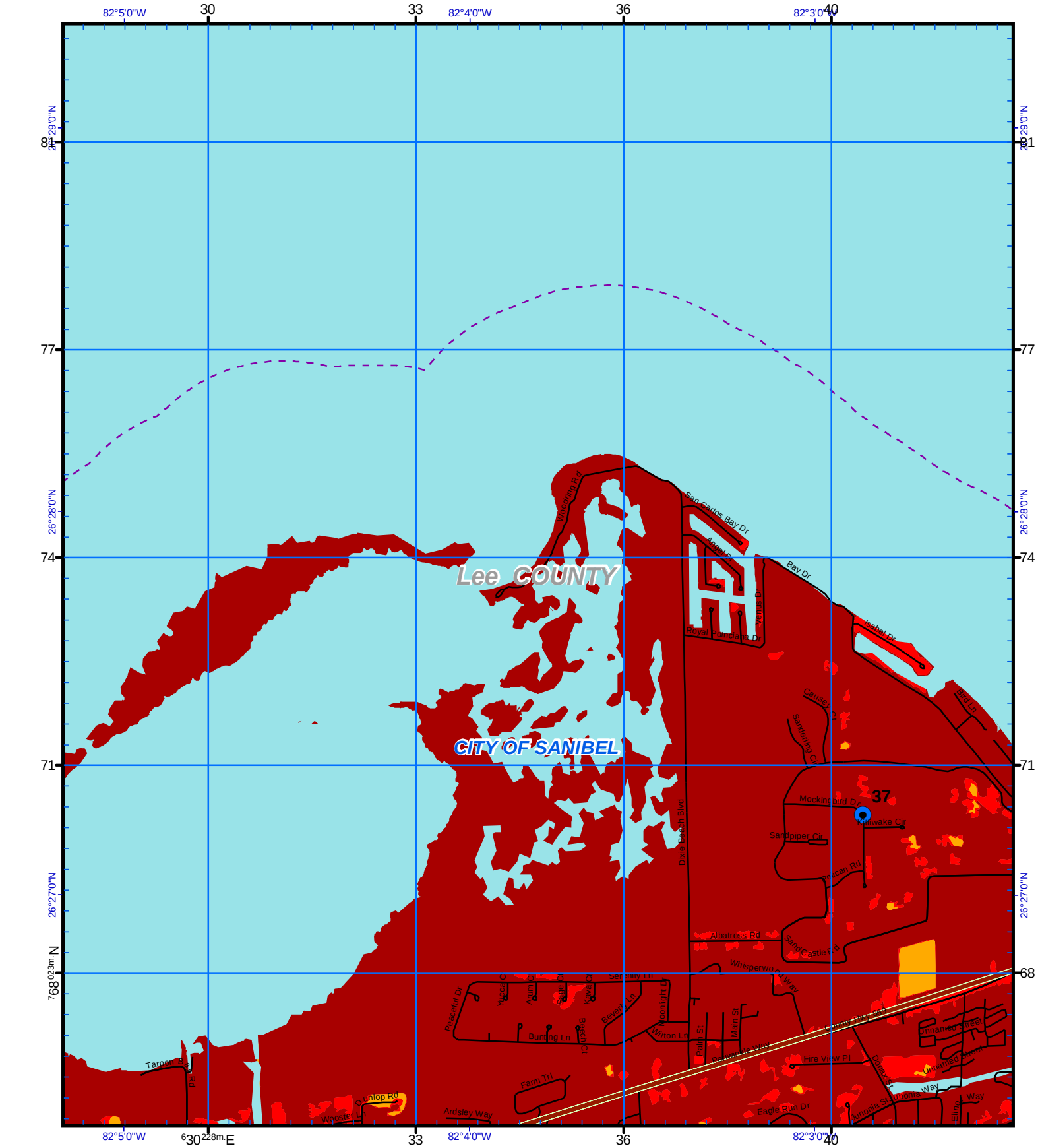
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid	
100,000-m Square ID	**LK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
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Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 92 25**

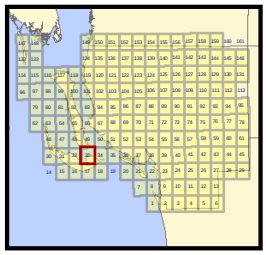
Map Plate **33**

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Legend

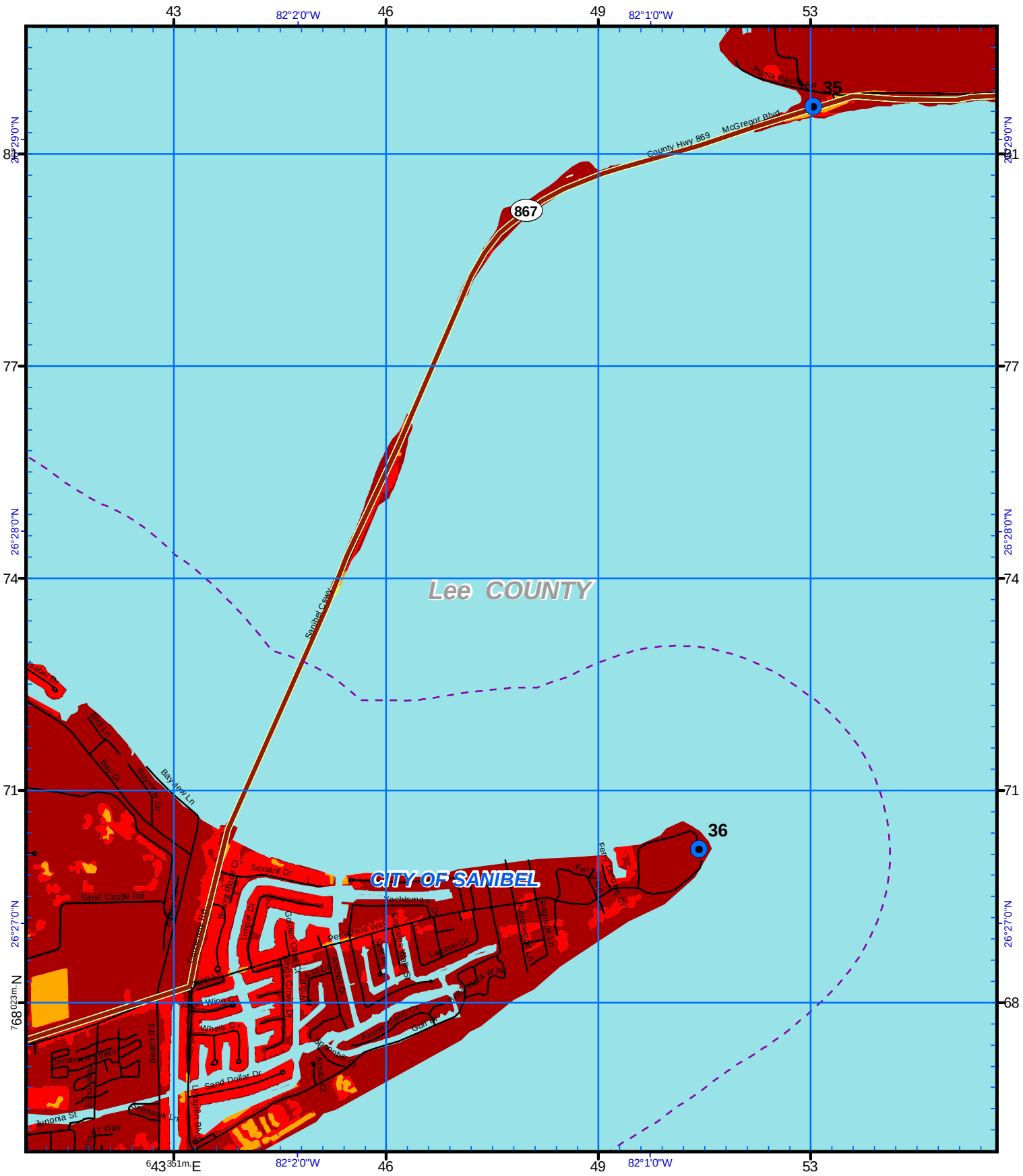
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid	
100,000-m Square ID	**LK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R LK 96 25**

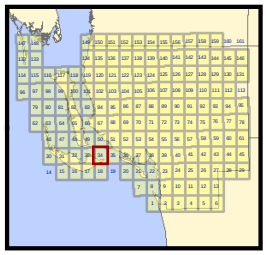
Map Plate **34**

Page 54

Legend

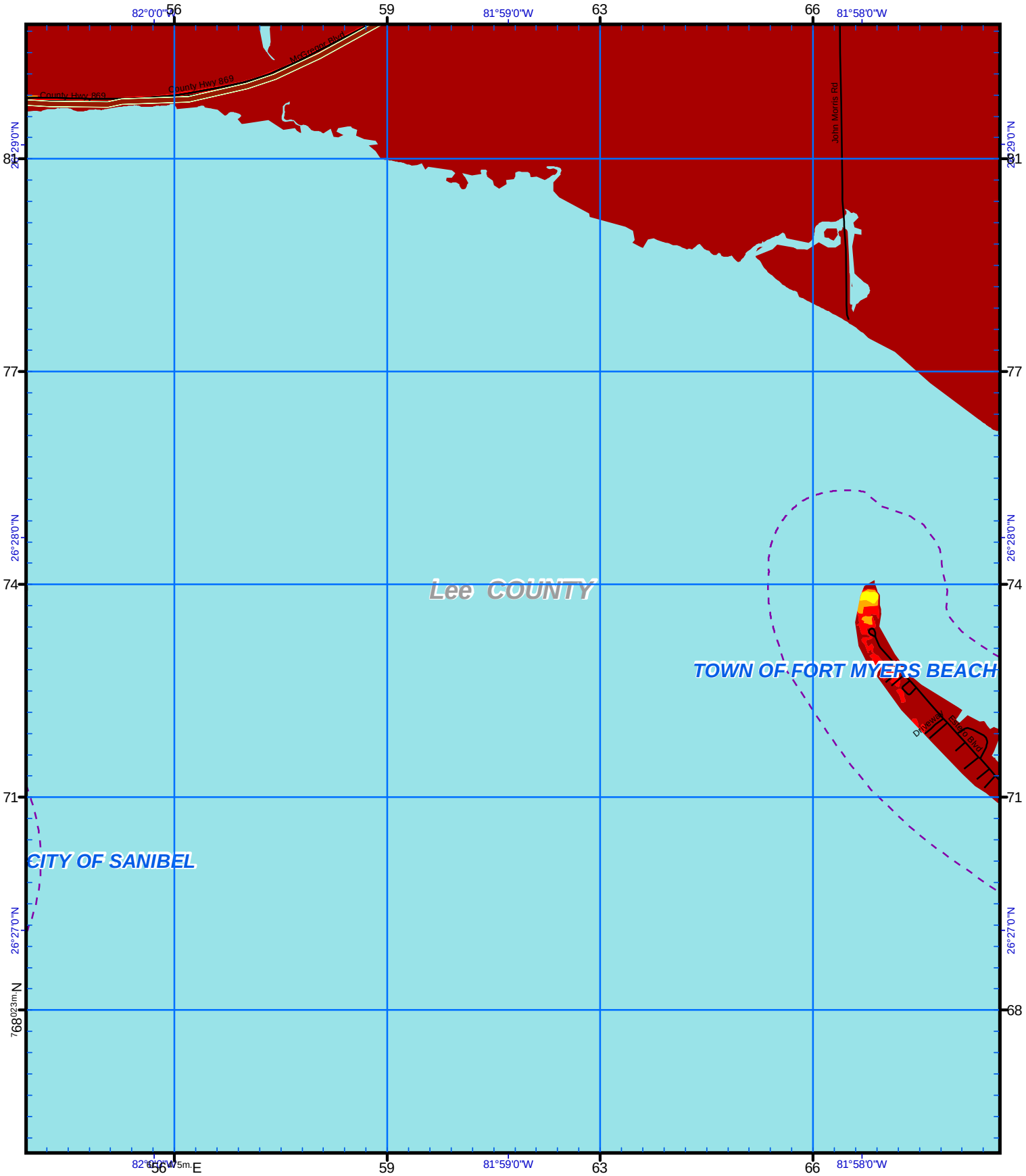
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
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Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 00 25**

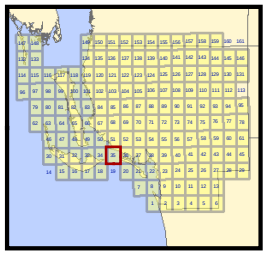
Map Plate **35**

Page 55

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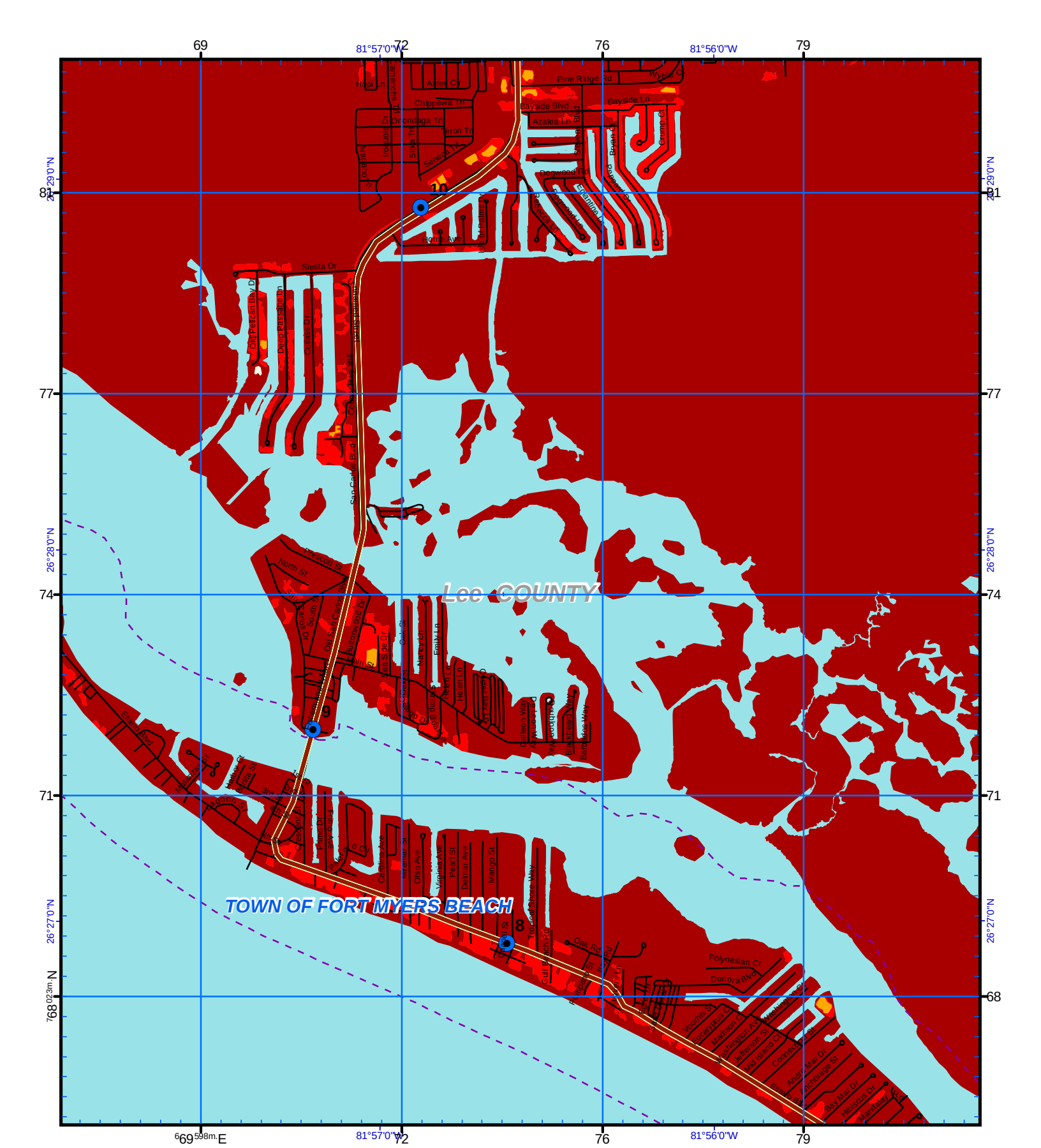
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

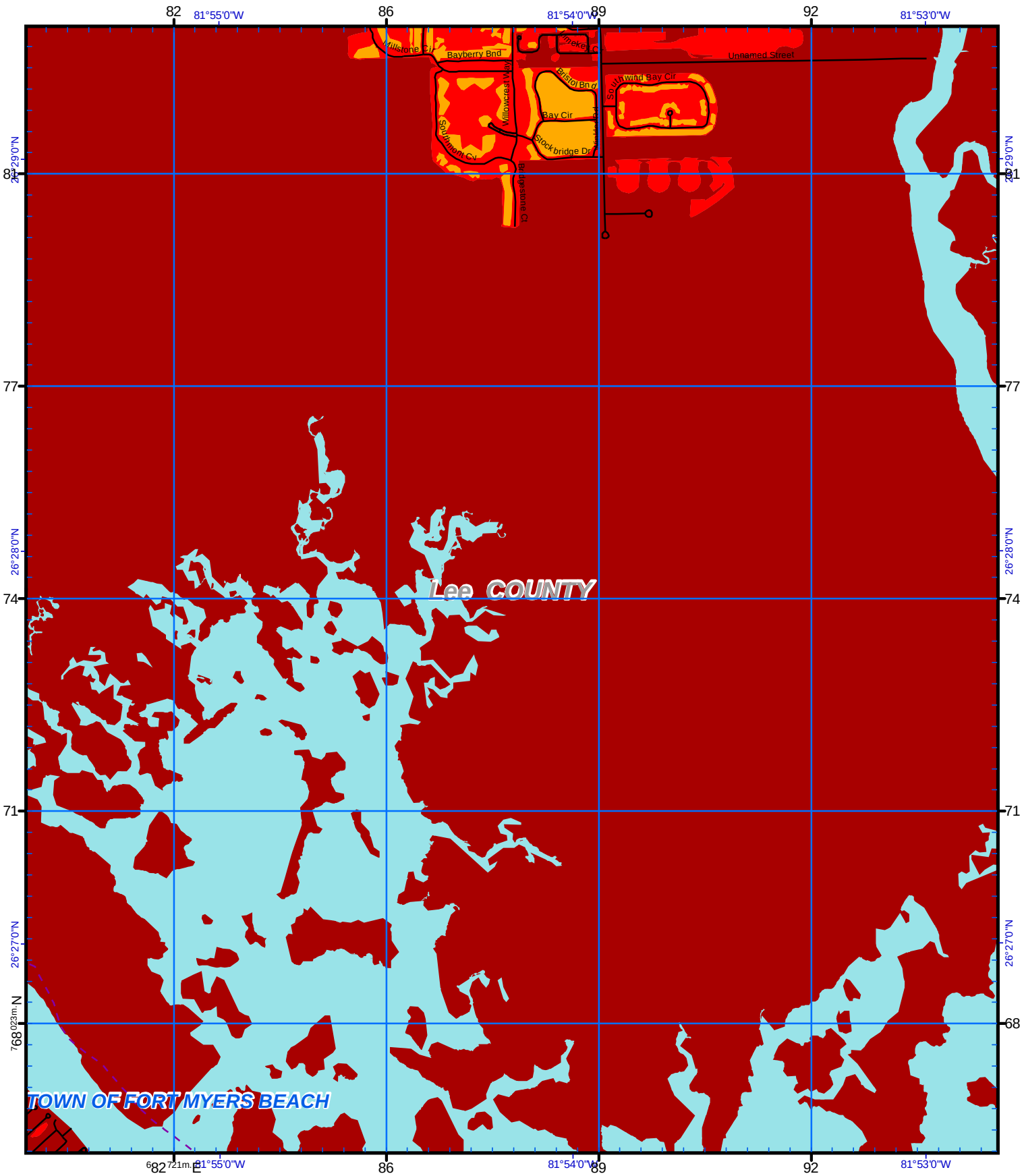
Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010


81°57'0"W
81°56'0"W
26°29'0"N
26°28'0"N
26°27'0"N
Lee COUNTY
TOWN OF FORT MYERS BEACH
Pine Ridge Rd
Bayside Blvd
Bayside Ln
Azalea Ln
Dogwood Rd
Chippewa Trl
Orondaga Trl
Seneca Trl
Iroquois Dr
Hopi Ln
Aztec Cir
Sitka Trl
Teton Trl
Home Ave
Siesta Dr
Old Pelican Bay Dr
Deep Passage Ln
Cutlass Dr
San Carlos Blvd
Prescott St
North St
South St
Oak St
Nancy Ln
Emily Ln
Helen Ln
Sea Side Dr
Galleon Way
Blackbeard Way
Barbados Way
Estero Blvd
Matanzas Ct
Harbor Ct
Bonita St
Lagoon St
3rd
2nd
1st
Crescent St
Palmetto Ave
Primo Dr
Caribbean Dr
Carolina Ave
Miramar St
Ohio Ave
Virginia Ave
Pearl St
Delmar Ave
Mango St
Trailer Shore Way
Gulf Beach Rd
Oak Rd
Polynesian Ct
Donora Blvd
Yoothis St
Eucalyptus Ct
Madison Ct
Washington Ave
Jefferson St
Mid Island Ct
Connecticut St
Andre Mar Dr
Anchorage St
Bay Mar Dr
Hibiscus Dr
Mandalay
Fetzko Ct
Ramblewood Ln
Ramblewood St
Ramblewood Ct
Ramblewood Dr
Ramblewood Cir
Ramblewood Pl
Ramblewood Way



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
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Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 08 25**

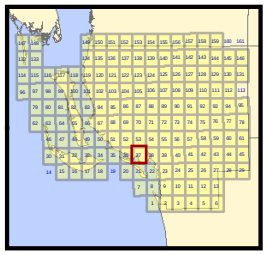
Map Plate **37**

Page 57

Legend

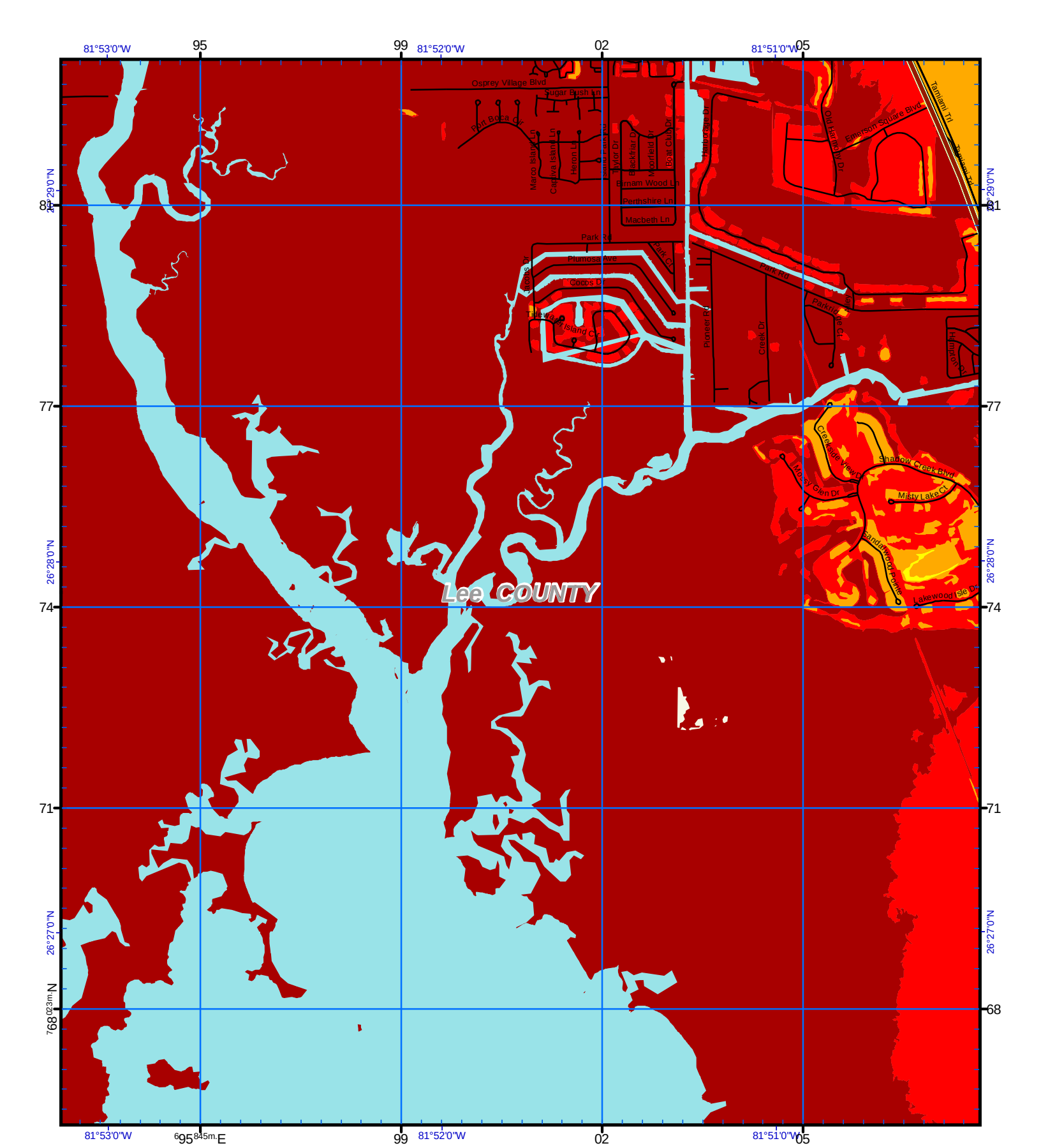
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 12 25**

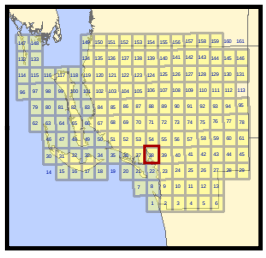
Map Plate **38**

Page 58

Legend

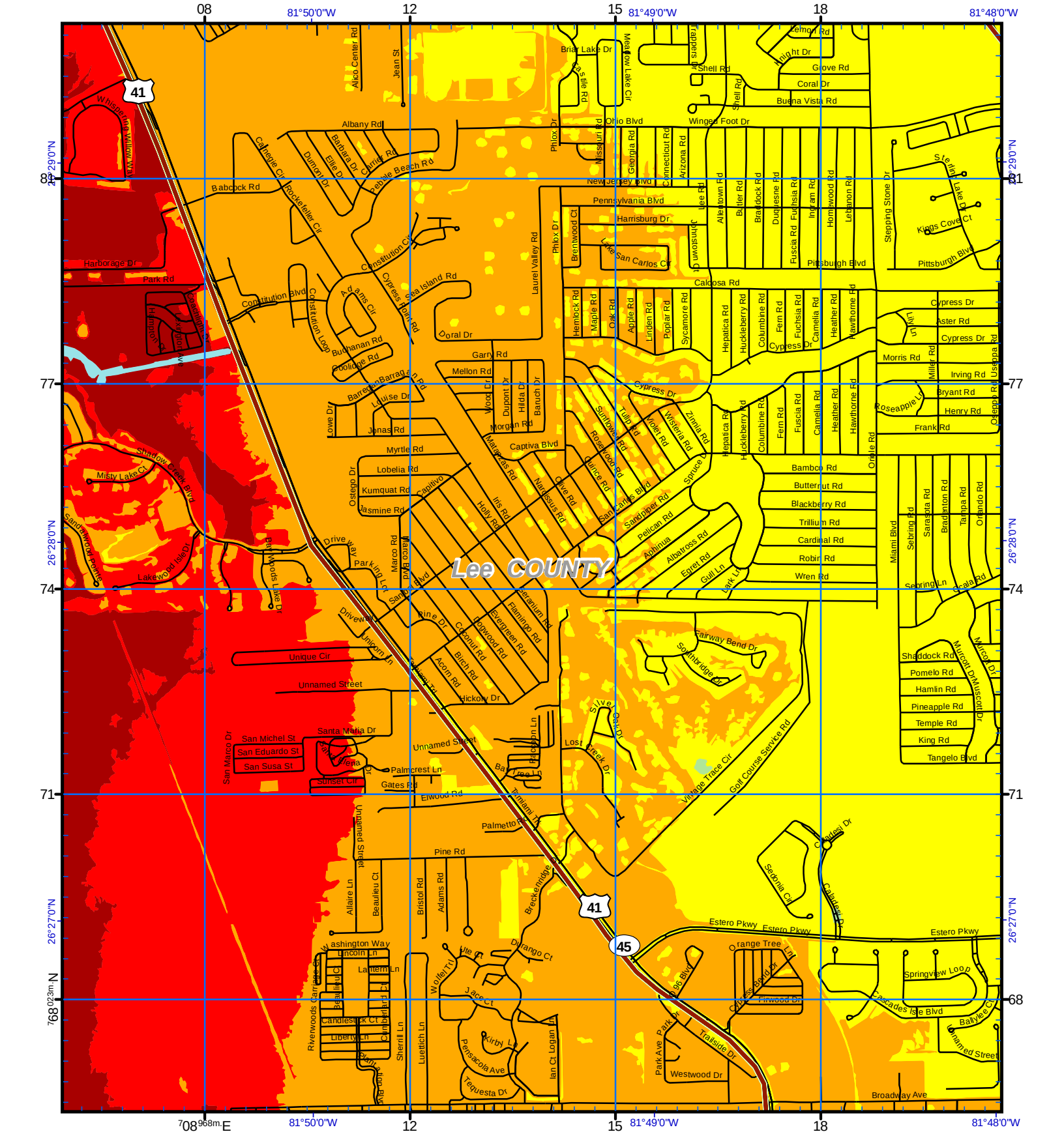
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 16 25**

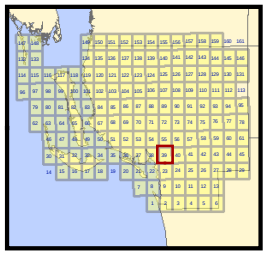
Map Plate **39**

Page 59

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 20 25**

Map Plate **40**

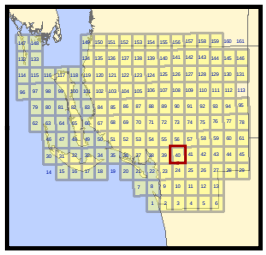
Page 60

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

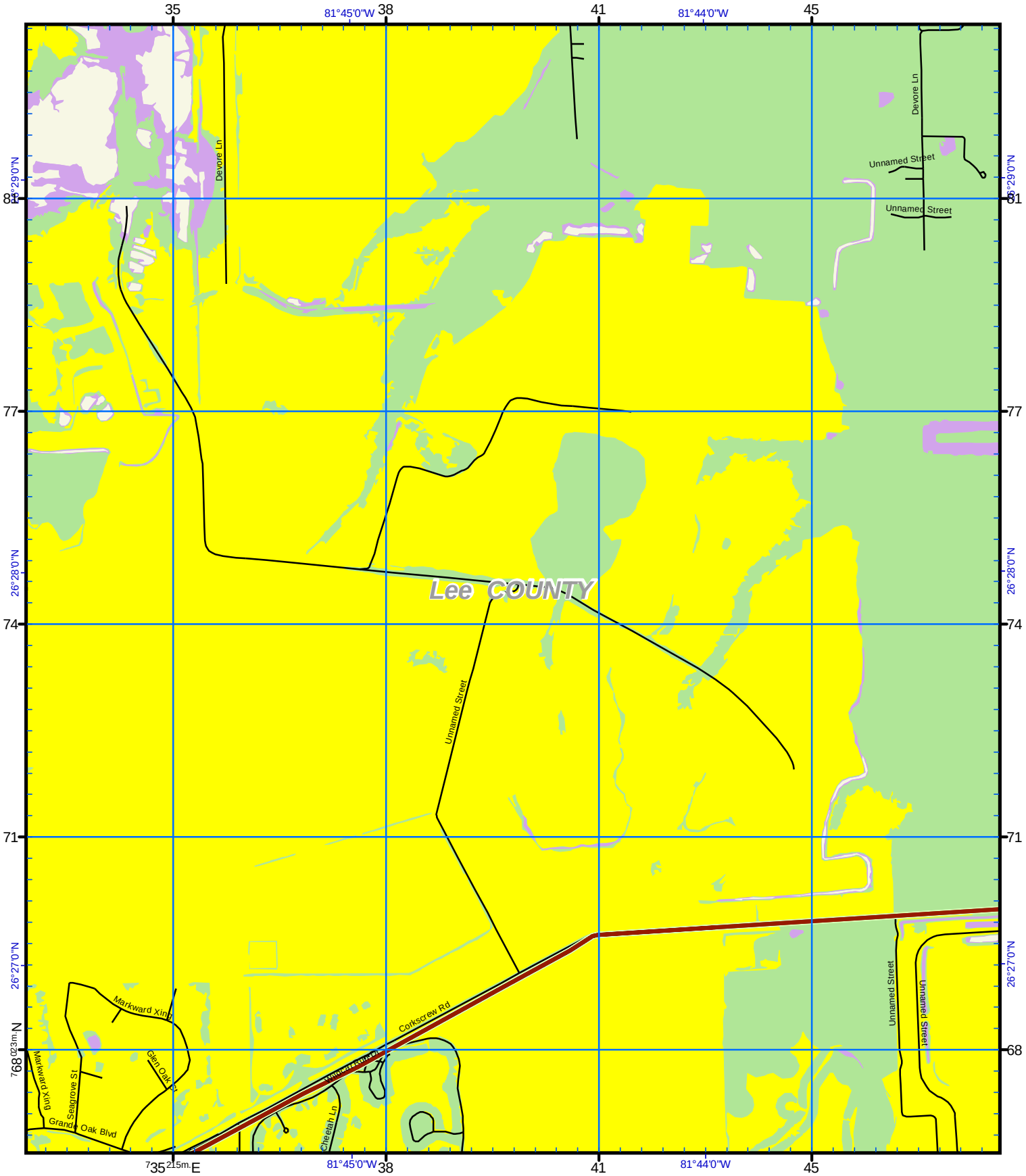
Cat

- TS
- 1
- 2
- 3
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- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 24 25**

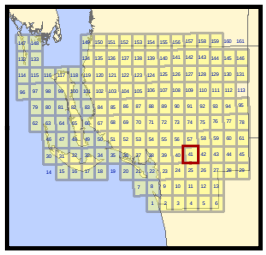
Map Plate **41**

Page 61

Legend

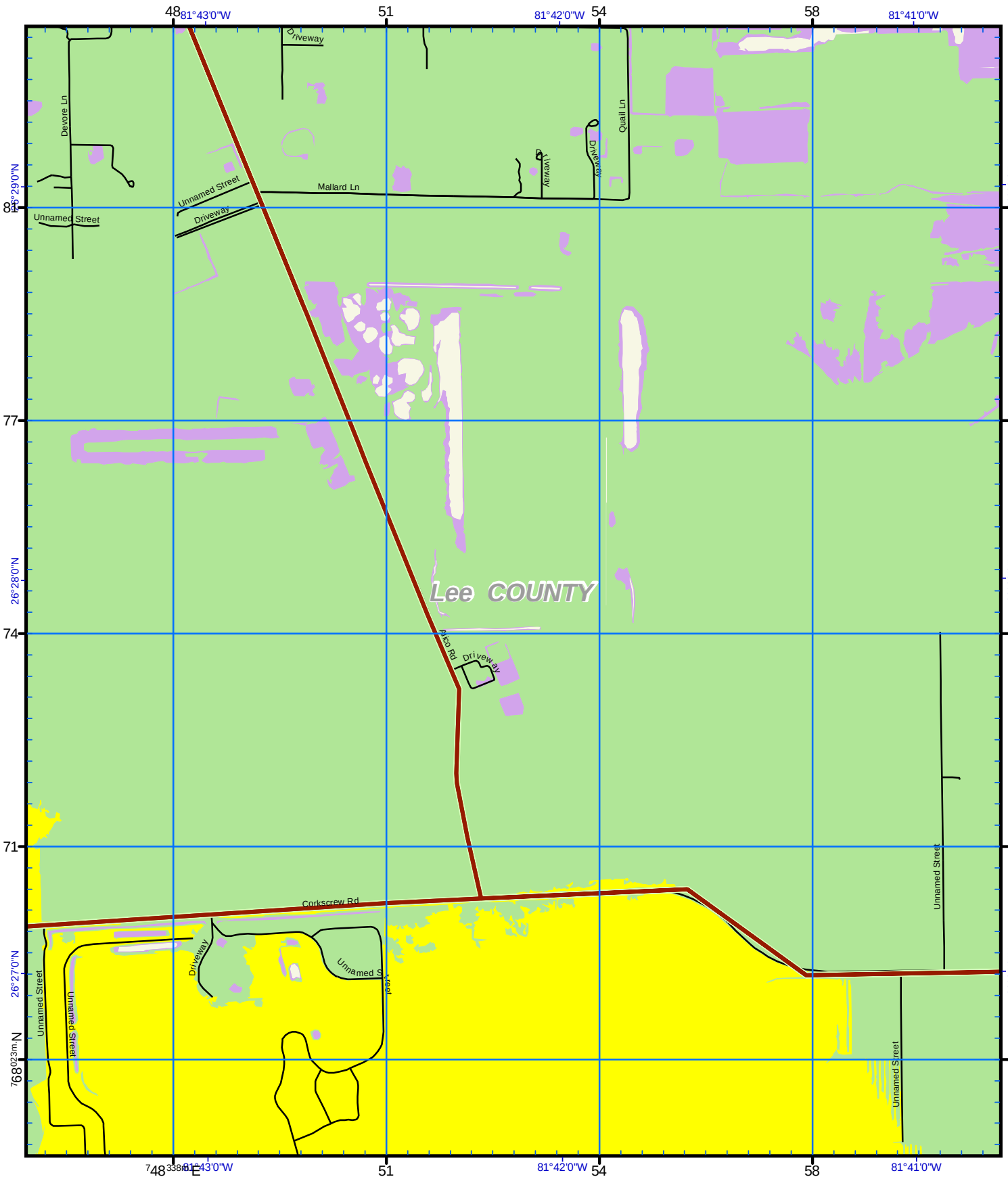
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 28 25**

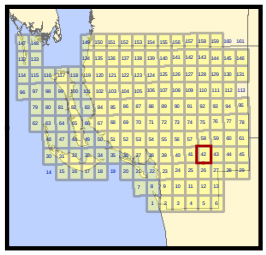
Map Plate **42**

Page 62

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 32 25**

Map Plate **43**

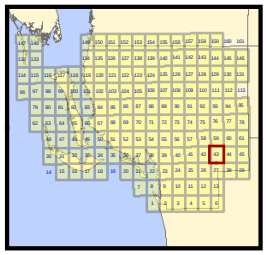
Page 63

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

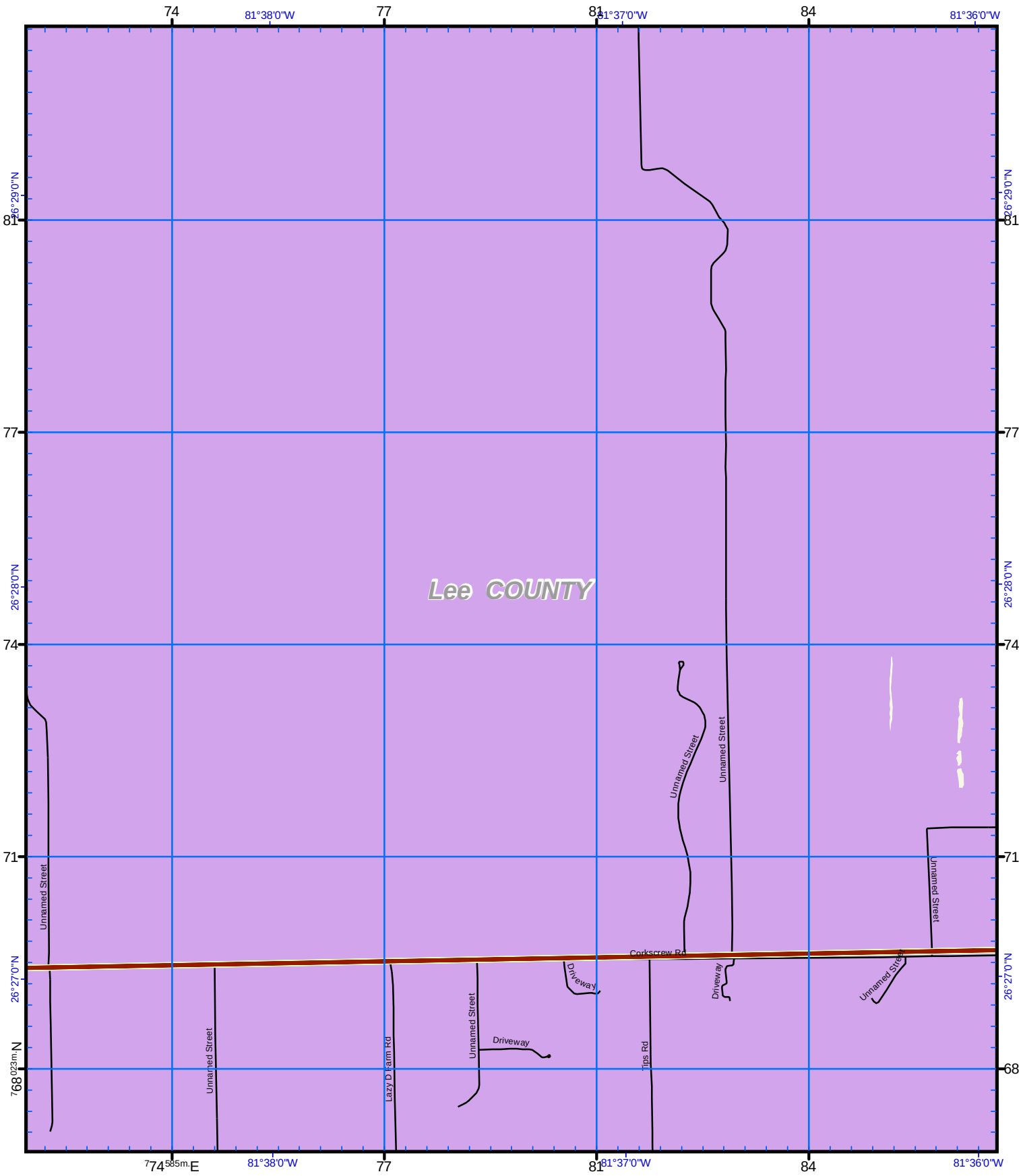
Cat

- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 36 25**

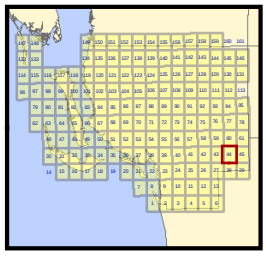
Map Plate **44**

Page 64

Legend

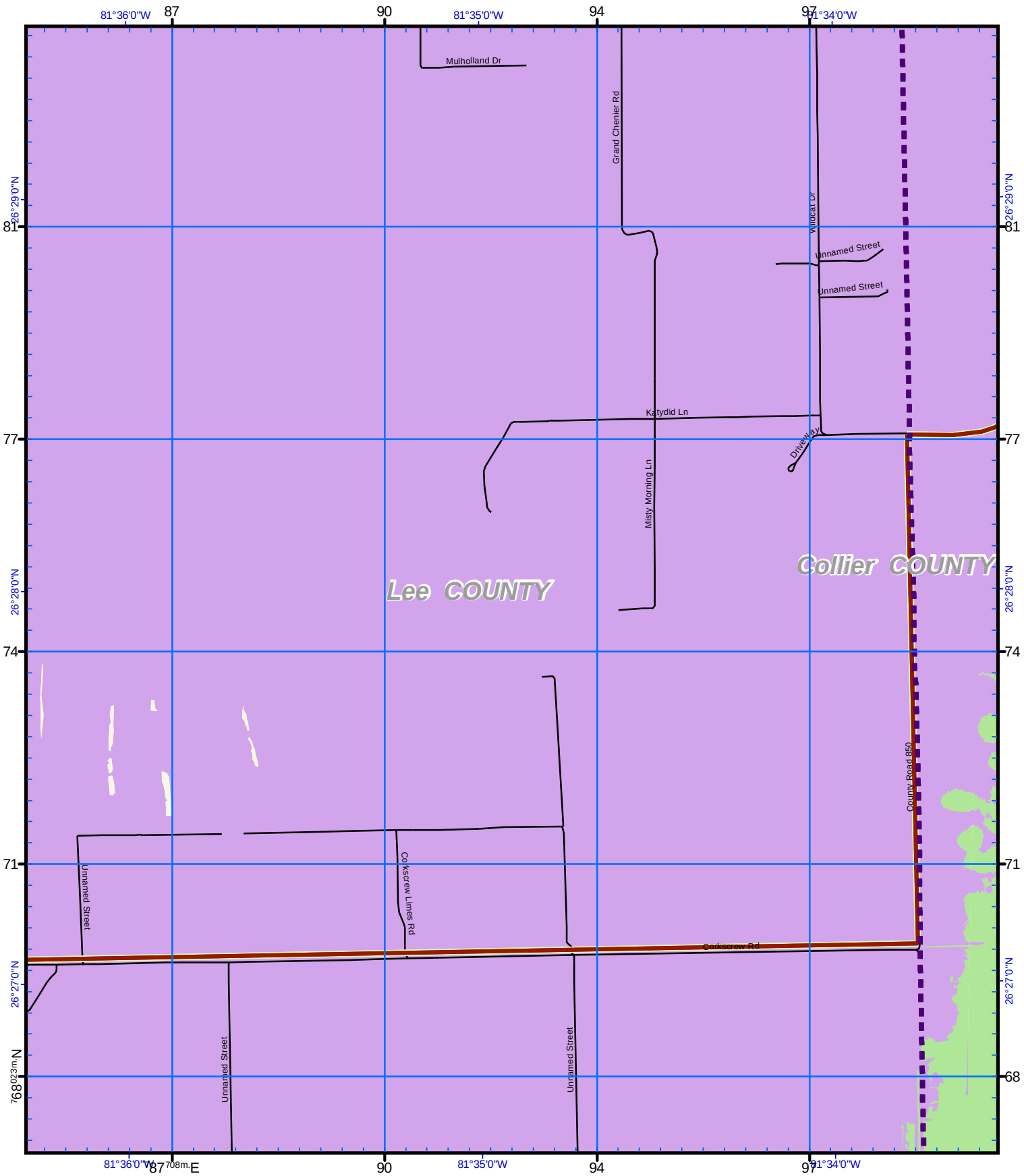
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
TS
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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 40 25**

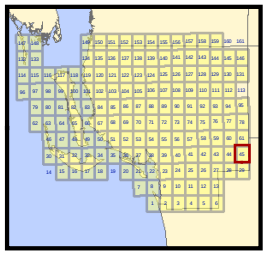
Map Plate **45**

Page 65

Legend

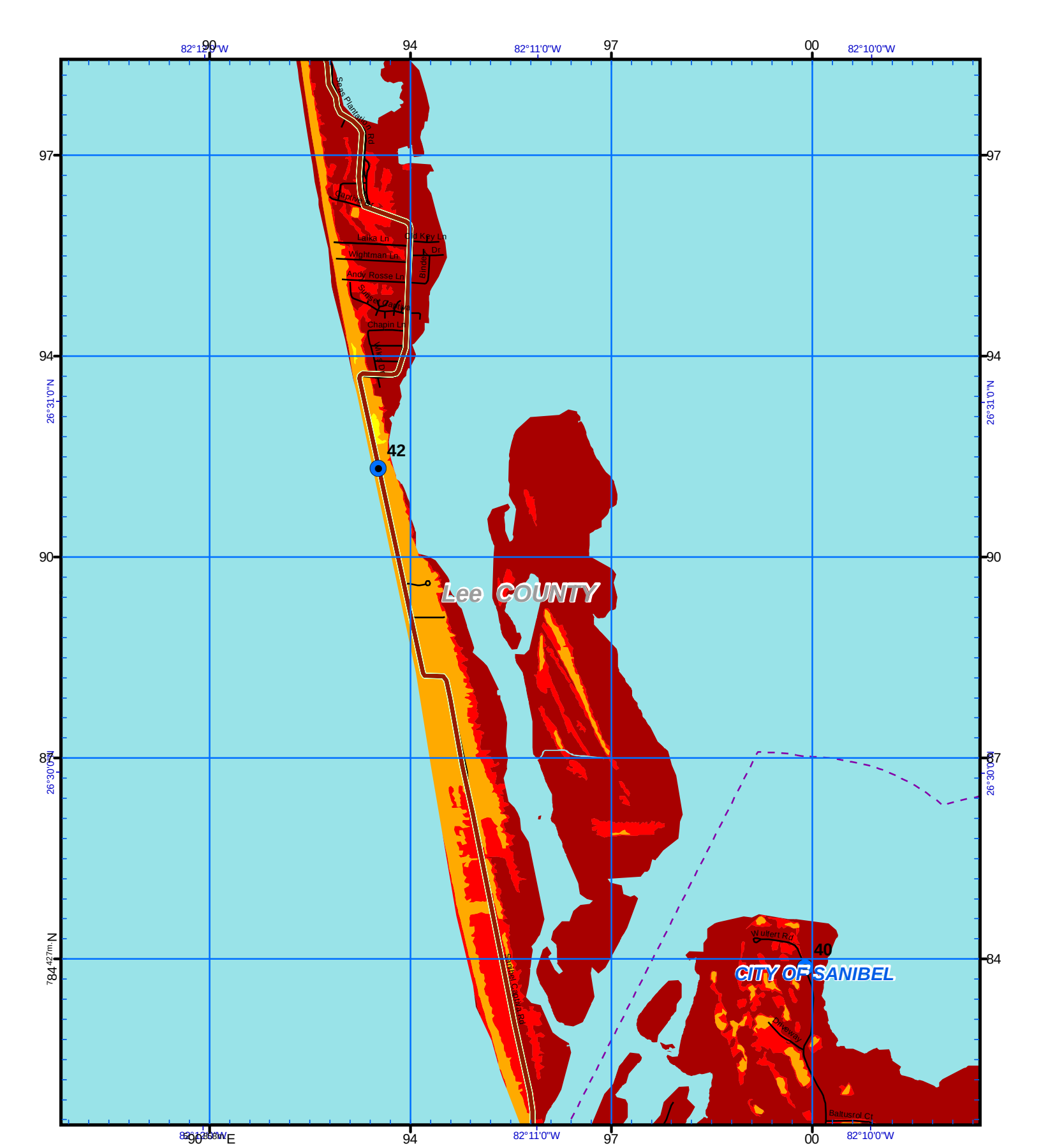
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 80 30**

Map Plate **46**

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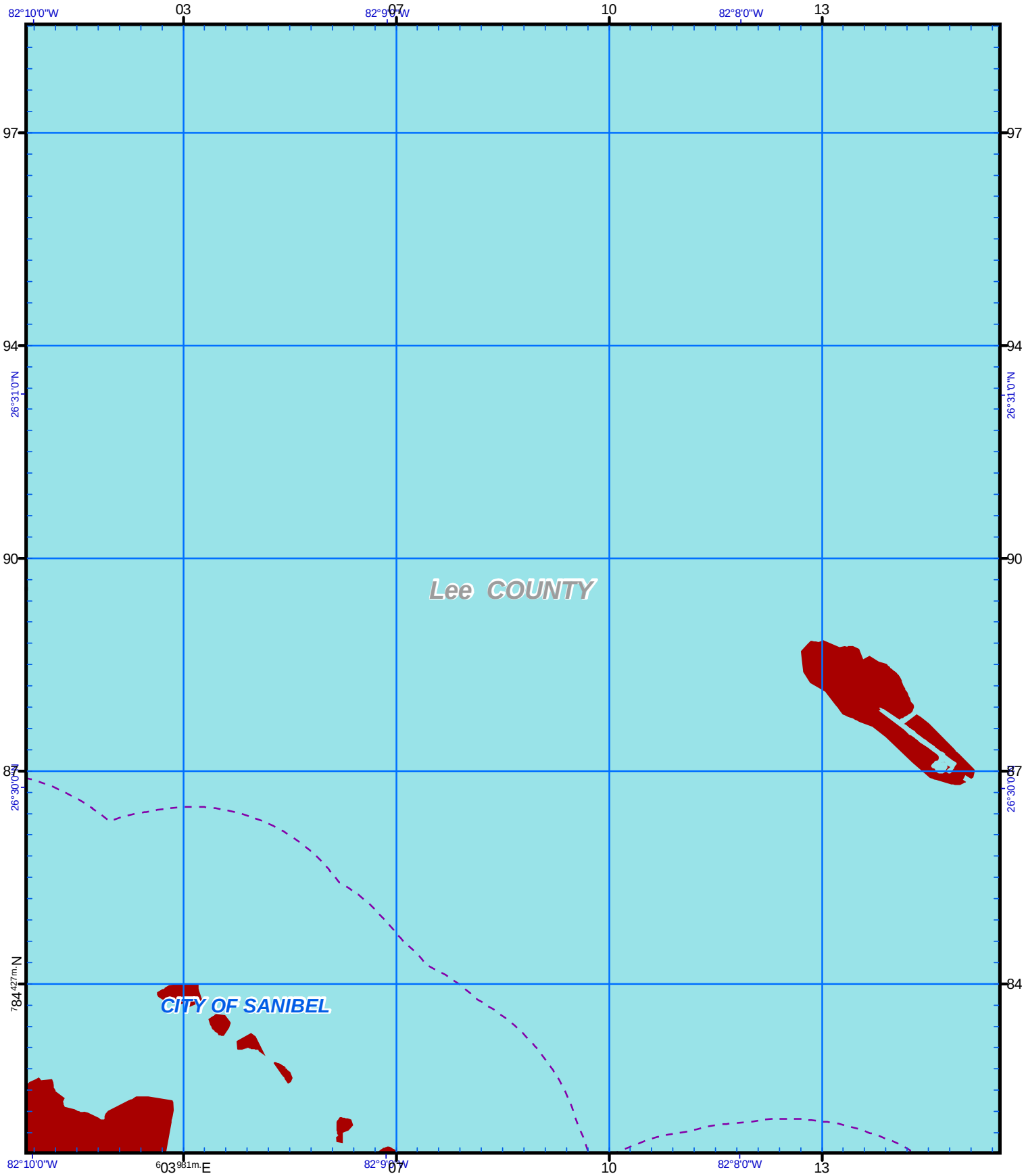
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5

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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 84 30**

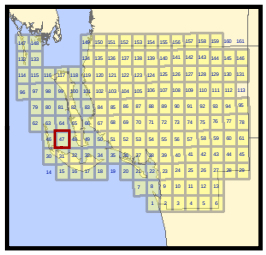
Map Plate **47**

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Legend

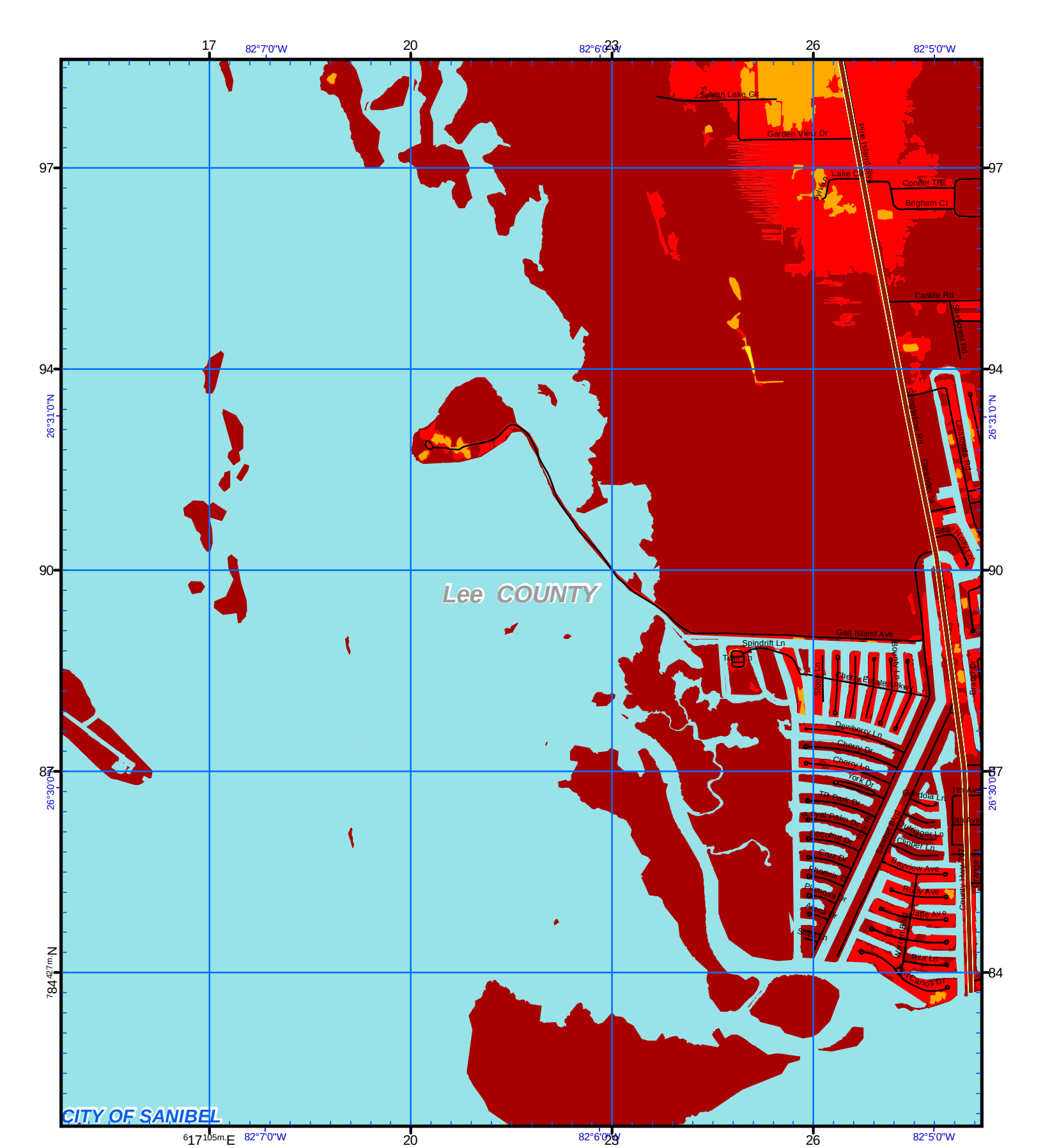
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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US National Grid
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LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 88 30**

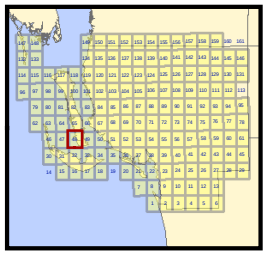
Map Plate **48**

Page 68

Legend

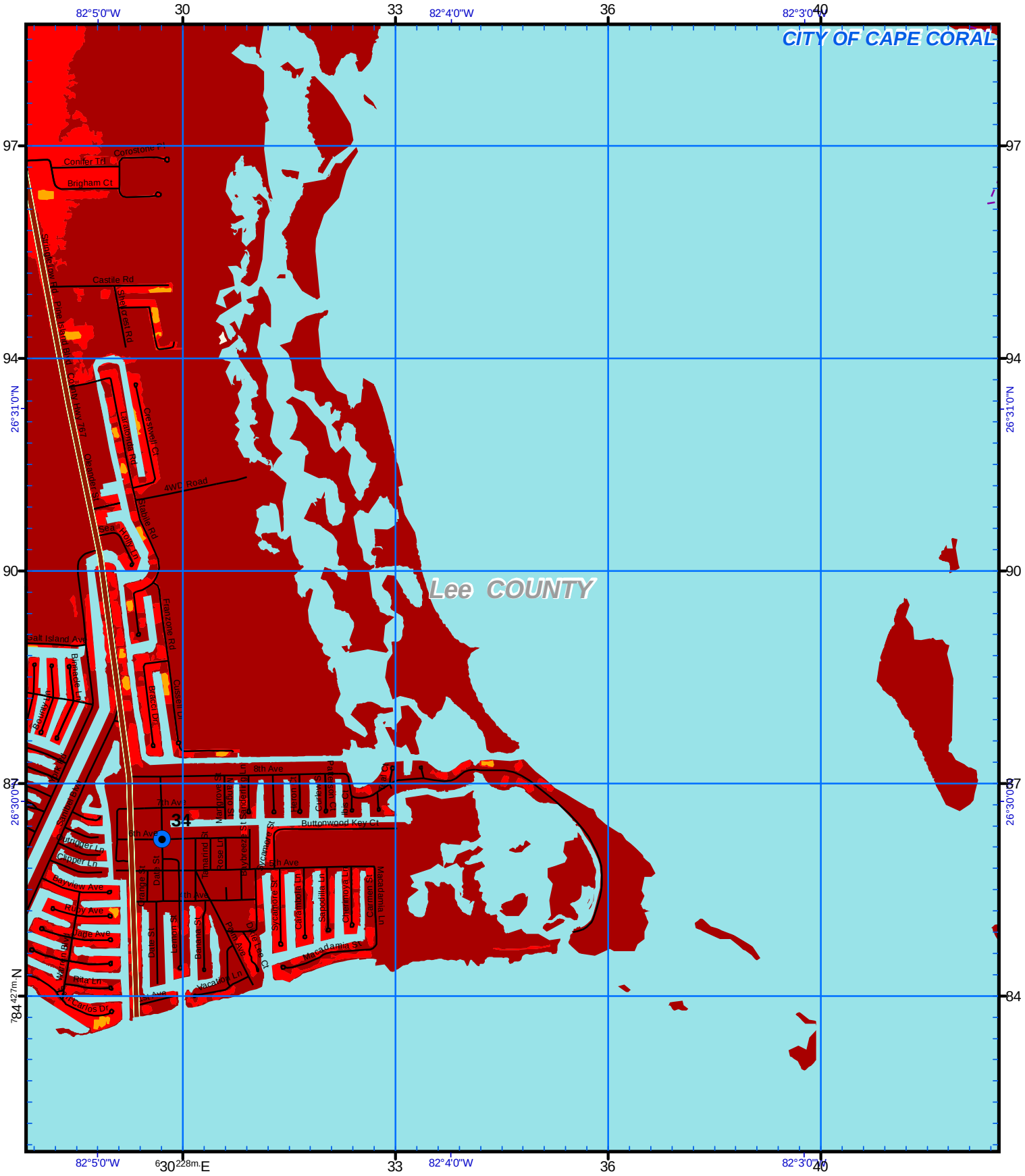
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**LK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 92 30**

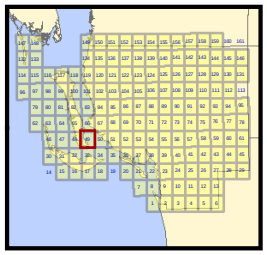
Map Plate **49**

Page 69

Legend

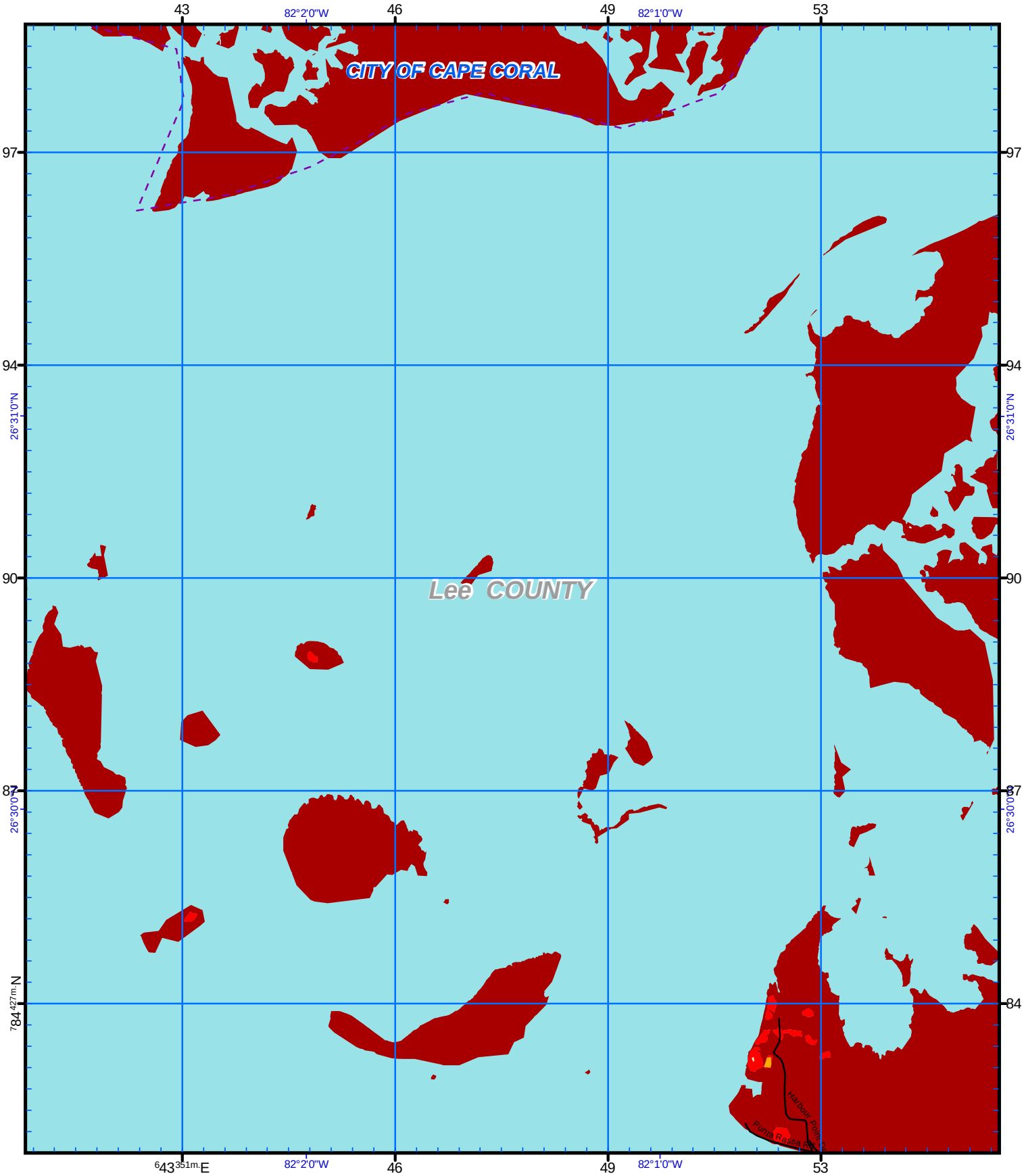
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
TS
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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 96 30**

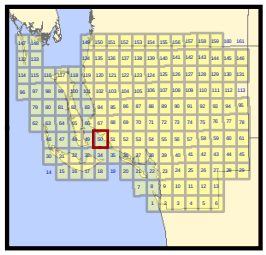
Map Plate **50**

Page 70

Legend

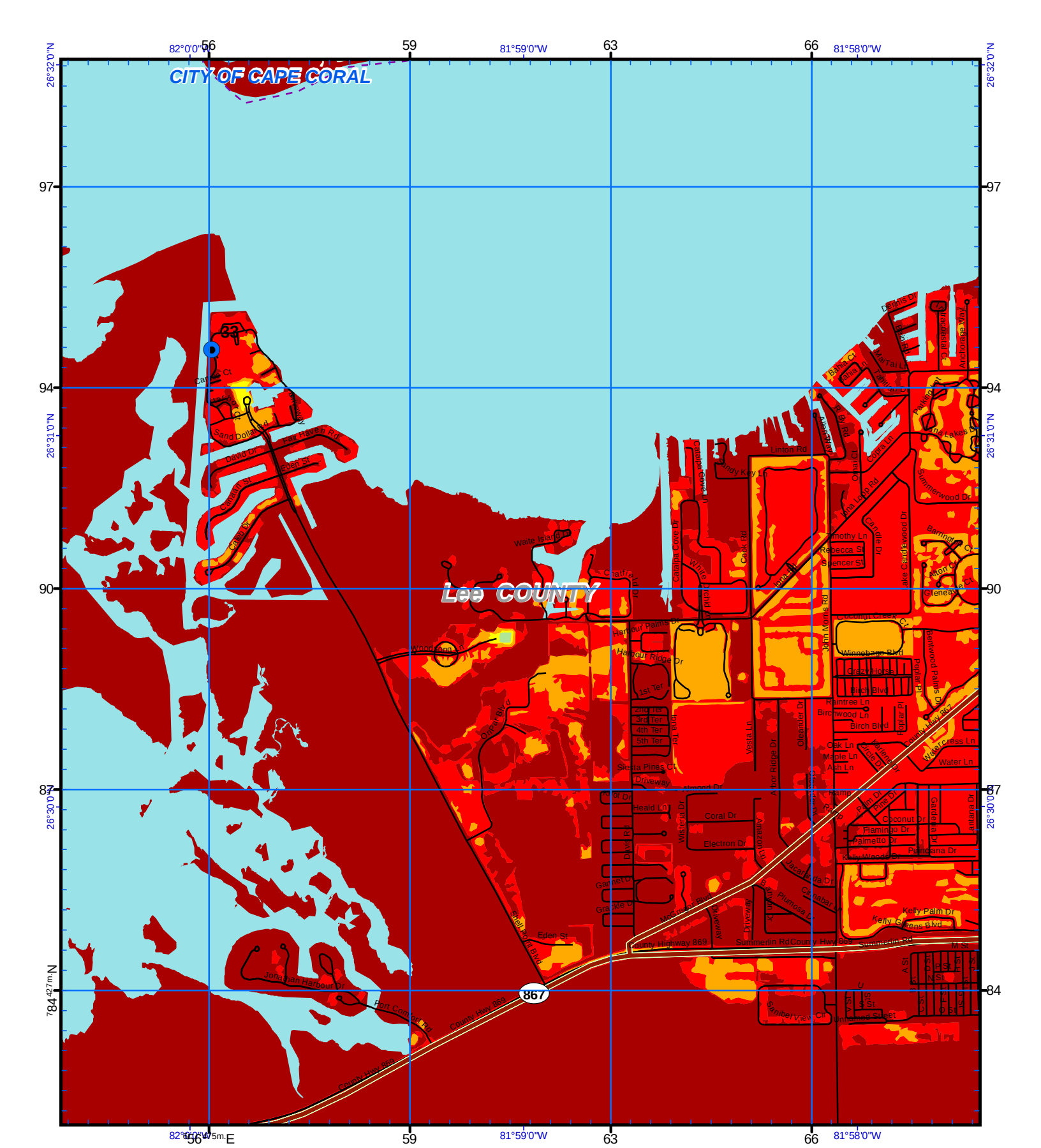
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 00 30**

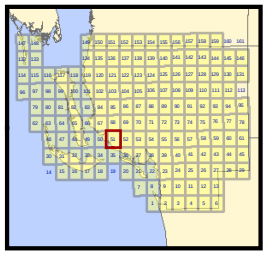
Map Plate **51**

Page 71

Legend

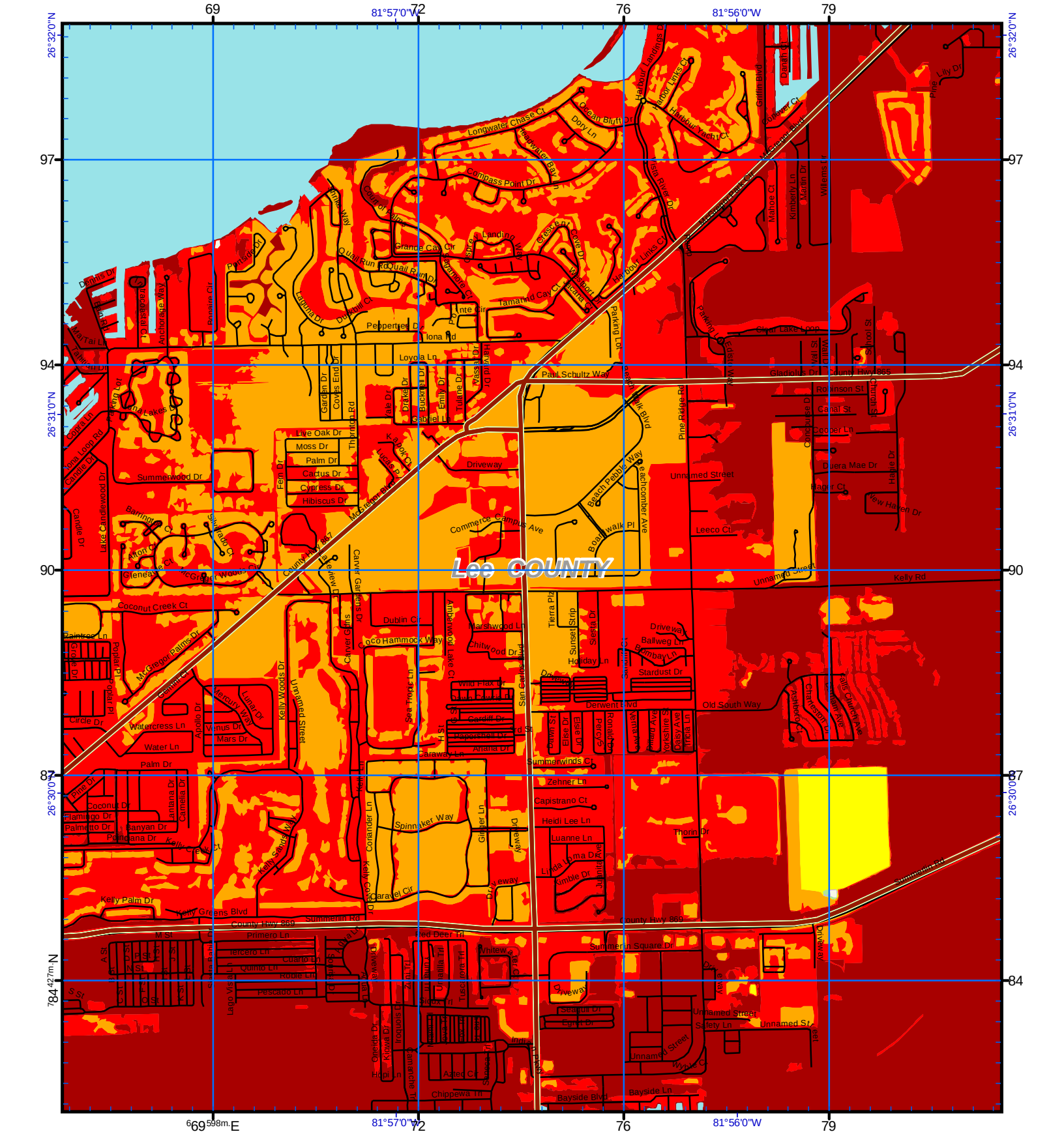
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale

Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 04 30**

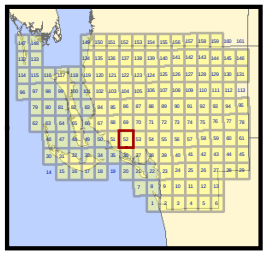
Map Plate **52**

Page 72

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 08 30**

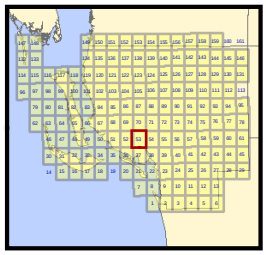
Map Plate **53**

Page 73

Legend

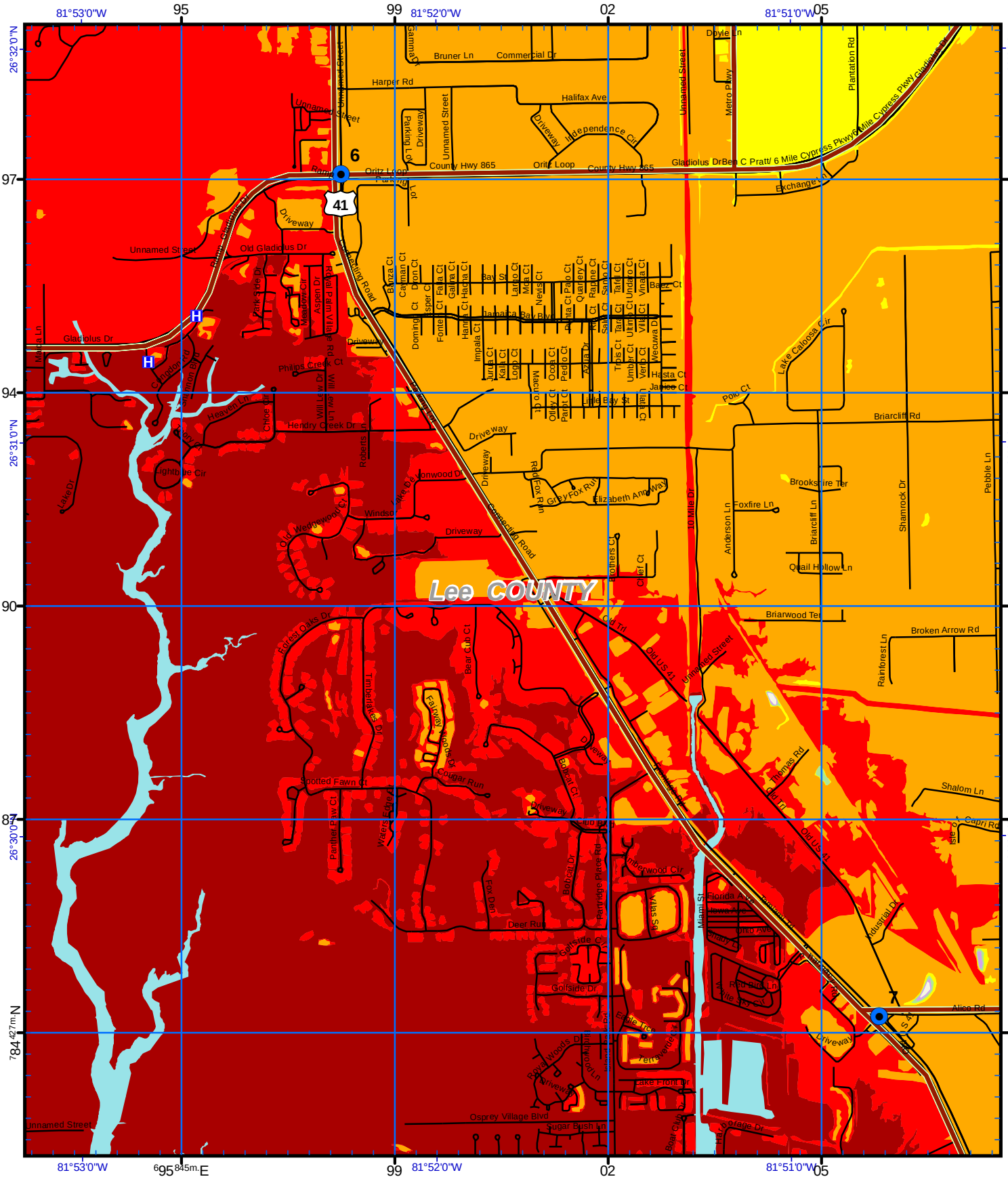
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

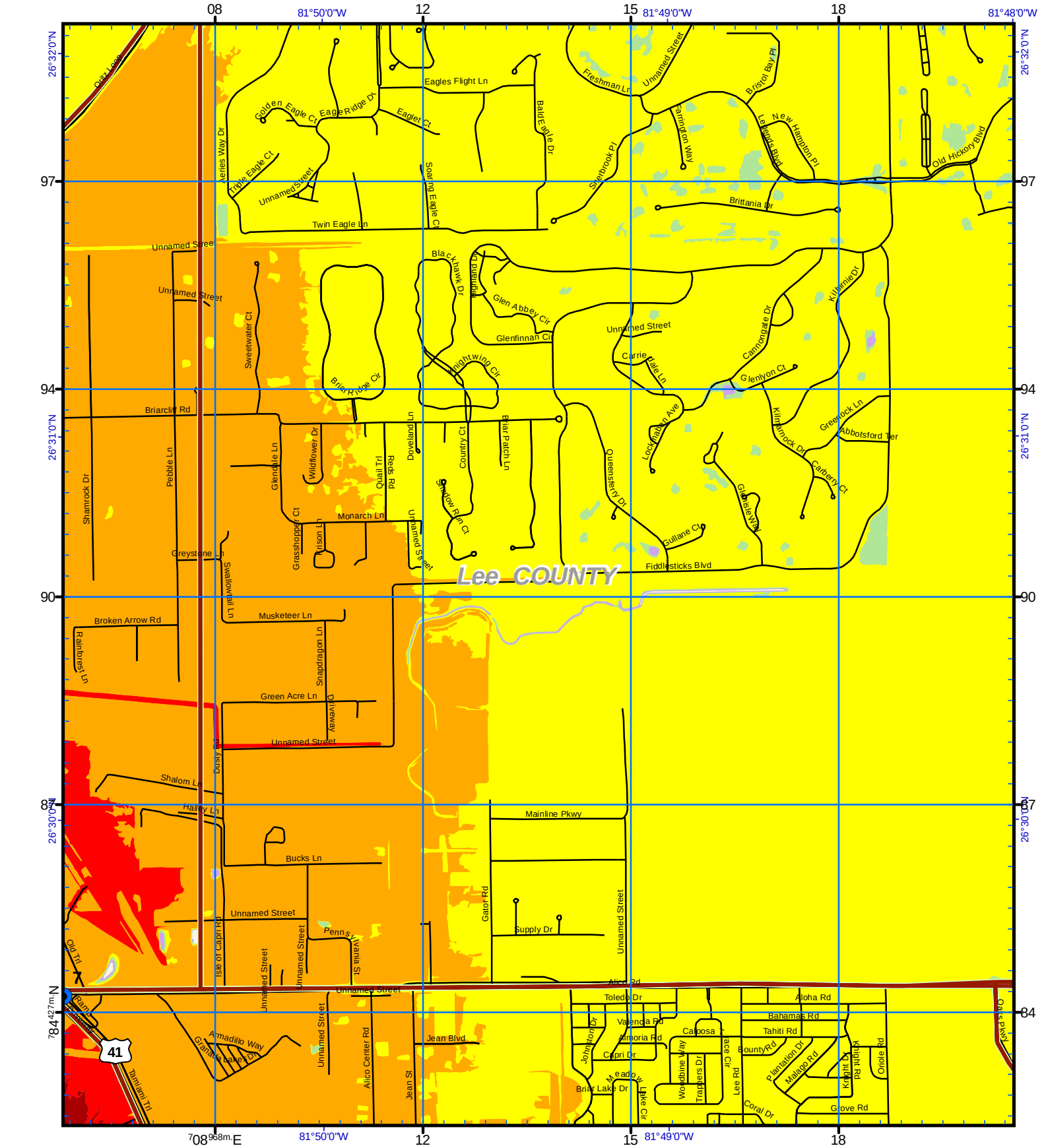
Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010


Lee COUNTY
81°53'0"W
81°52'0"W
81°51'0"W
26°32'0"N
26°31'0"N
26°30'0"N
95
99
02
05
97
94
90
87
84
6
7
41
Gladiolus Dr
Bruner Ln
Commercial Dr
Harper Rd
Halifax Ave
Doyle Ln
Plantation Rd
Metro Pkwy
Gladiolus Dr
Ben C Pratt/ 6 Mile Cypress Pkwy
Exchange Ct
Ortiz Loop
County Hwy 865
Unnamed Street
Old Gladiolus Dr
Palm Shadows Ln
Crossroads Road
Driveway
Parking Lot
Independence Cir
Park Side Dr
Meadow Cir
Aspen Dr
Palm Valley Rd
Kelsey Ln
Cranston Rd
Stanton Blvd
Phillips Creek Ct
Will Lee Dr
Heaven Ln
Chloe Ct
Hendry Creek Dr
Roberts Ln
Lake Dr
Lighthouse Cir
Windsor Lake Dr
Old Wedgewood Ct
Wedgewood Dr
Connecticut Road
Red Fox Run
Grey Fox Run
Elizabeth Anne Way
Brookshire Ter
Foxfire Ln
Briarcliff Rd
Briarcliff Ln
Shamrock Dr
Pebble Ln
Anderson Ln
10 Mile Dr
Quail Hollow Ln
Lake Caloosa Cir
Pole Ct
Briarwood Ter
Broken Arrow Rd
Rainforest Ln
Old US 41
Unnamed Street
Forest Oaks Dr
Bear Club Ct
Timberlakes Dr
Fairway Woods Dr
Cougar Run
Spotted Fawn Ct
Panther Paw Ct
Waters Edge Ct
Bobcat Ct
Bobcat Dr
Partridge Place Rd
Timberwood Cir
Fox Den
Deer Run
Golfside Ct
Golfside Dr
Eagle Trace
Tern Forest Dr
Lake Front Dr
Osprey Village Blvd
Sugar Bush Ln
Boat Club Rd
Thomas Rd
Old Trl
Shalom Ln
Capri Rd
Isle Of
Florida Ave
Iowa Ave
Ohio Ave
Miami St
Brady Ct
Industrial Dr
Red Bird Ln
White Ibis Cir
Alice Rd
Unnamed Street
Bayshore Rd
Bay St
Banza Ct
Cayman Ct
Dron Ct
Isper Ct
Fonte Ct
Falla Ct
Galna Ct
Hanna Ct
Hadria Ct
Impala Ct
Jurua Ct
Kaia Ct
Loop Ct
Lario Ct
Moa Ct
Nejo Ct
Ocoa Ct
Pedro Ct
Parati Ct
Quarterly Ct
Rabine Ct
Solaro Ct
Tafia Ct
Tupis Ct
Umbor Ct
Ultimo Ct
Undaio Ct
Vinaia Ct
Vilet Ct
Vetch Ct
Wecuwa Dr
Hesta Ct
Jaxkie Ct
Little Bay St
Bay Ct
Azalea Dr
Ocean Dr
Ocean Ct
Ocean Pl
Ocean Ct
Ocean Ct
Ocean Ct



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — Feet — 2,000

USNG Page **17R MK 16 30**

Map Plate **55**

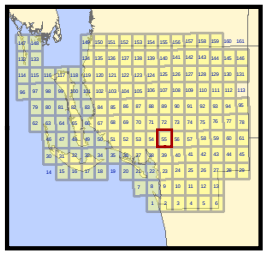
Page 75

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

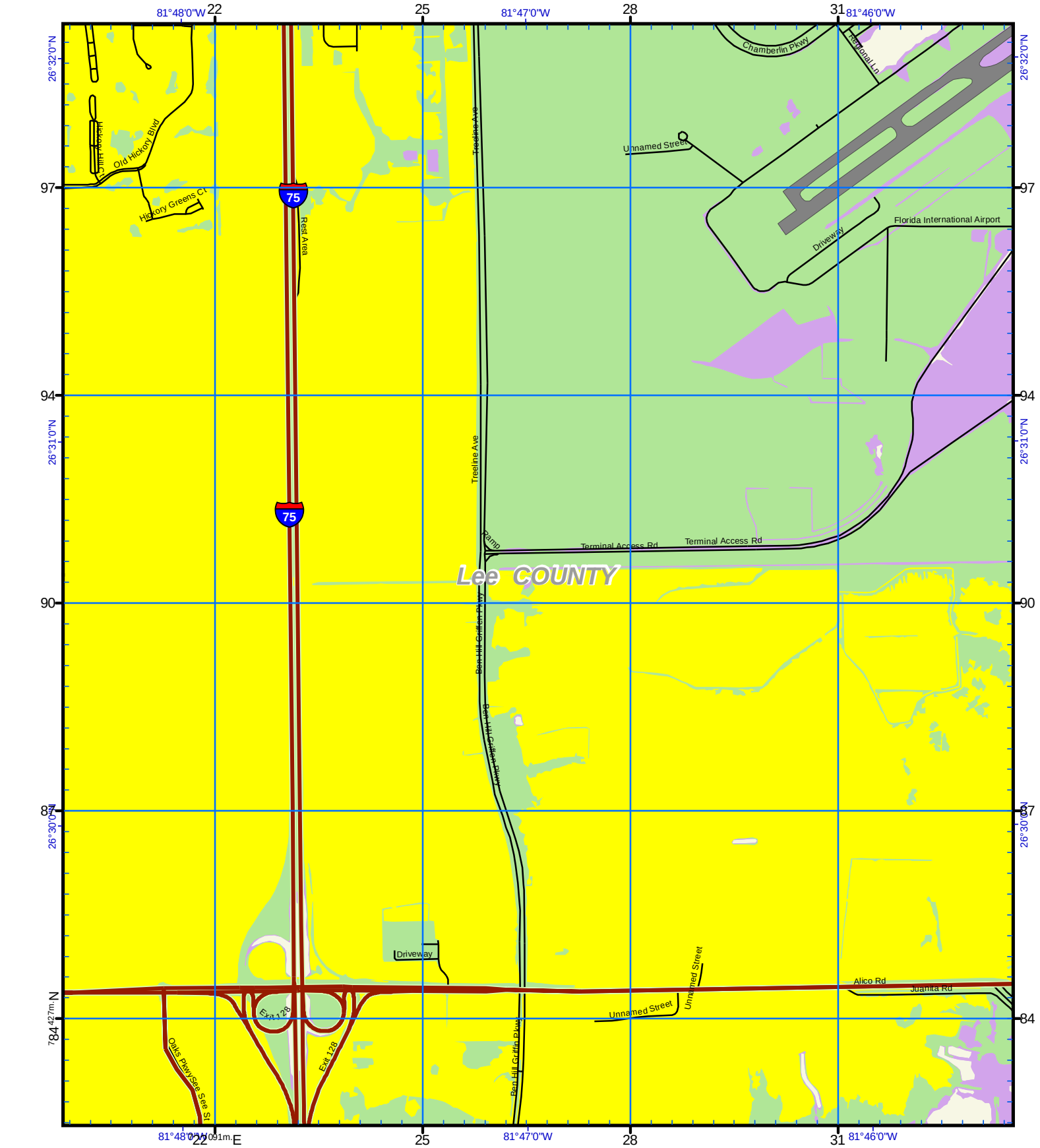
Cat

- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 20 30**

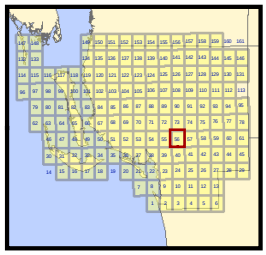
Map Plate **56**

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Legend

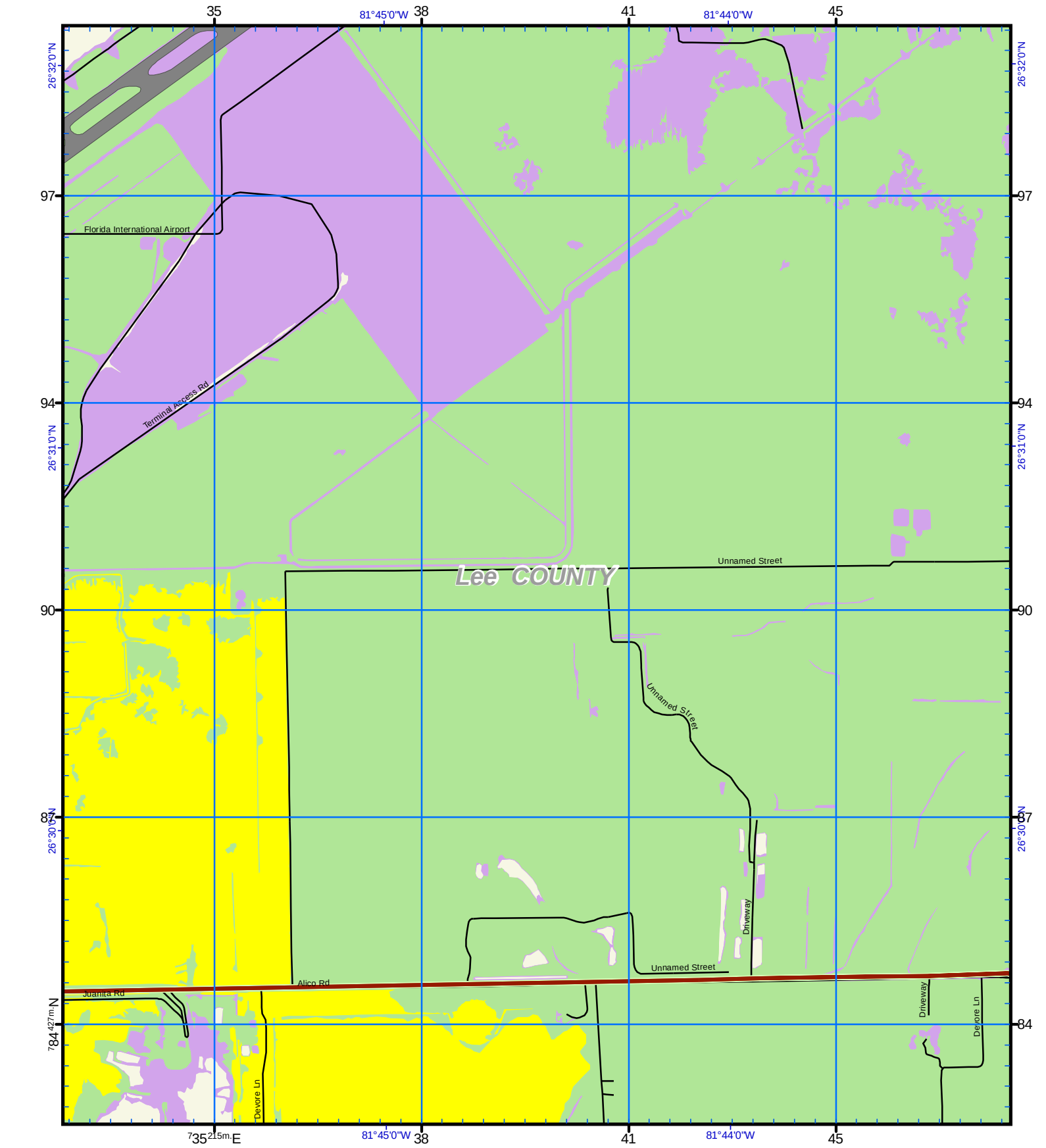
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale

Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 24 30**

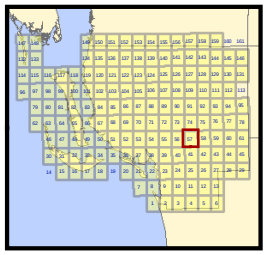
Map Plate **57**

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Legend

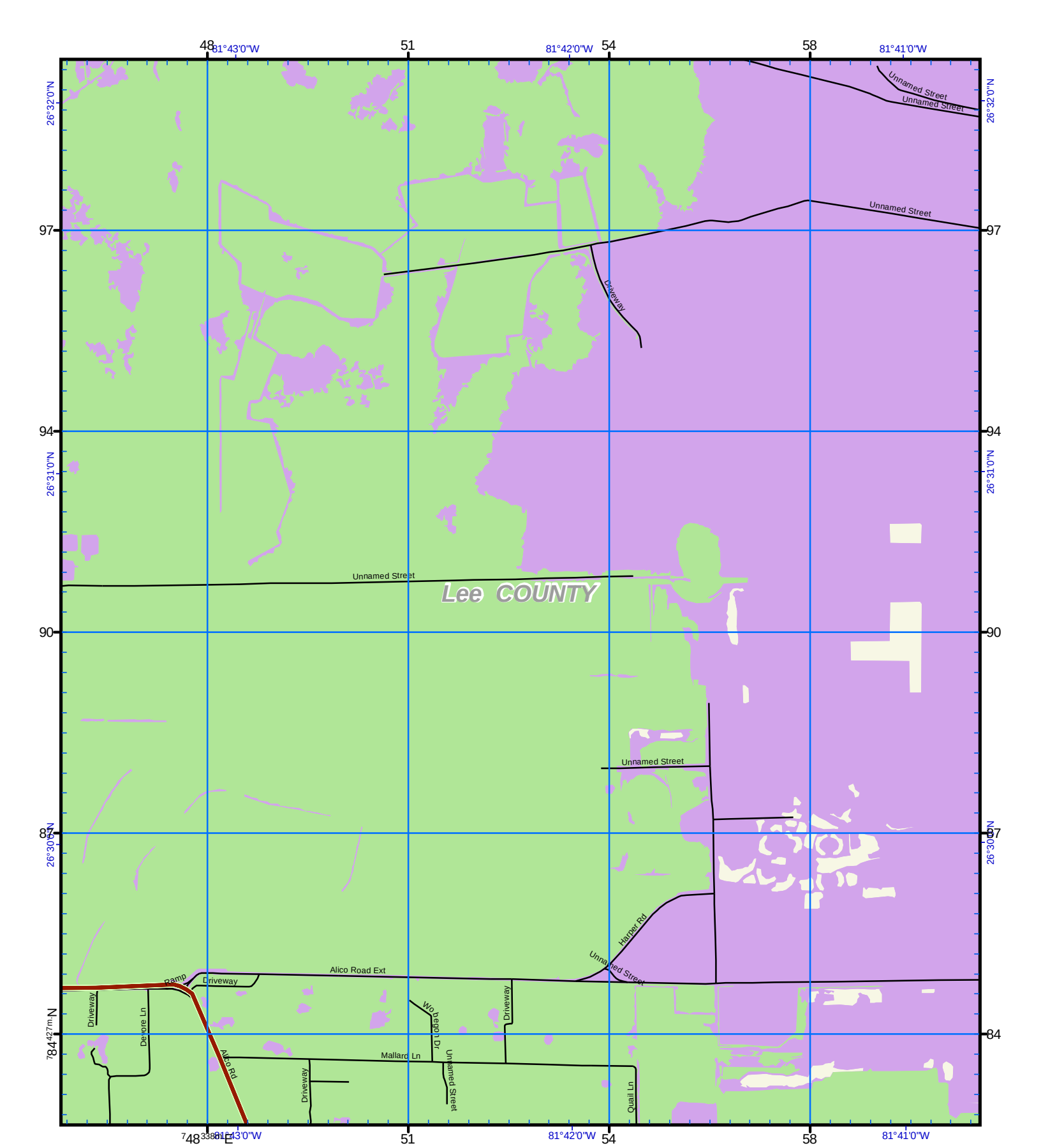
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
TS
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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 28 30**

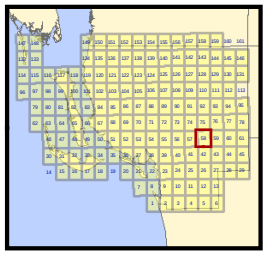
Map Plate **58**

Page 78

Legend

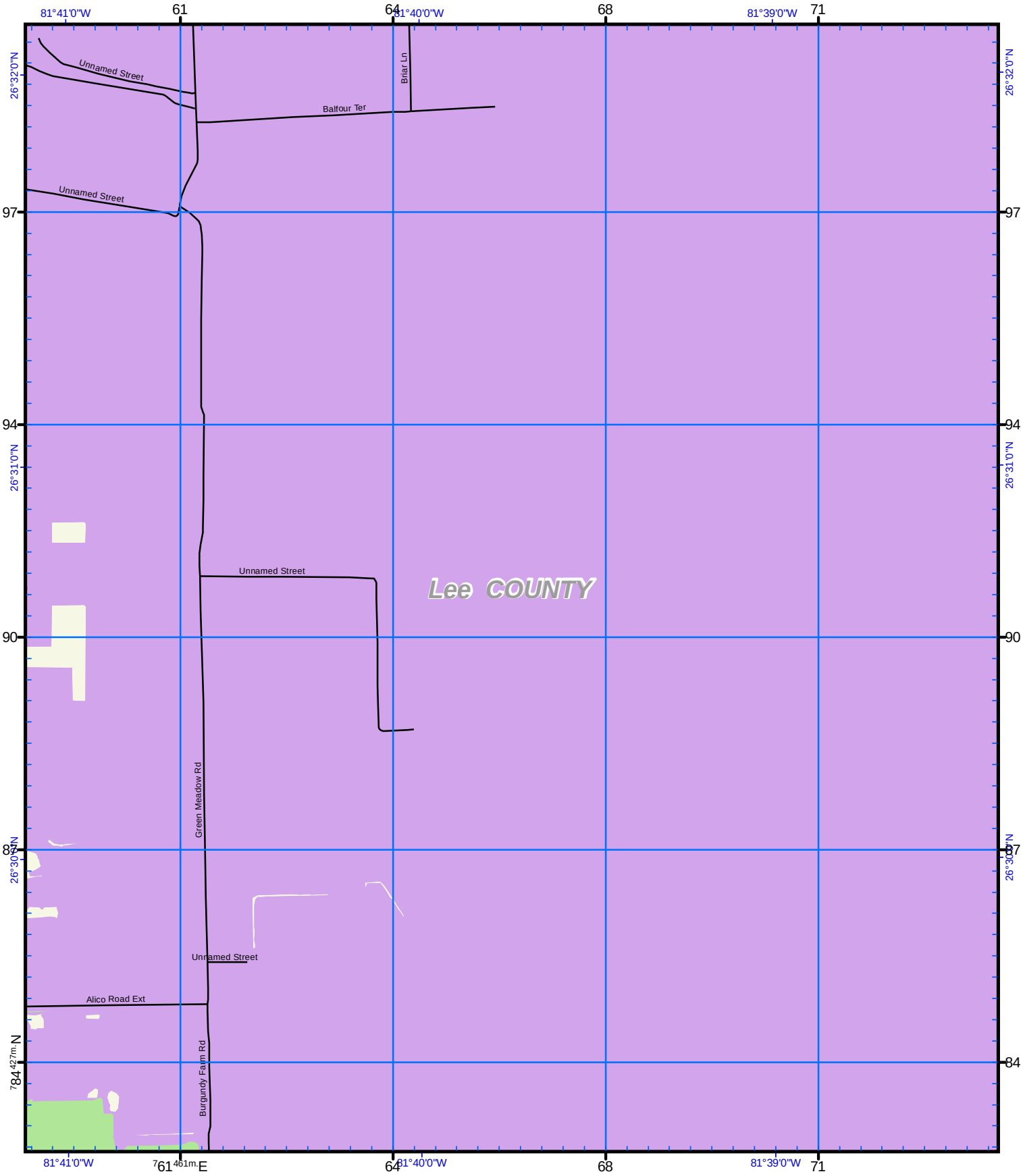
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet

0 2,000

USNG Page **17R MK 32 30**

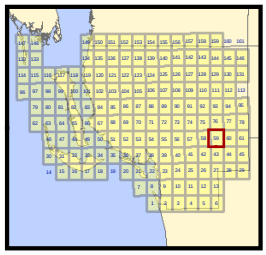
Map Plate **59**

Page 79

Legend

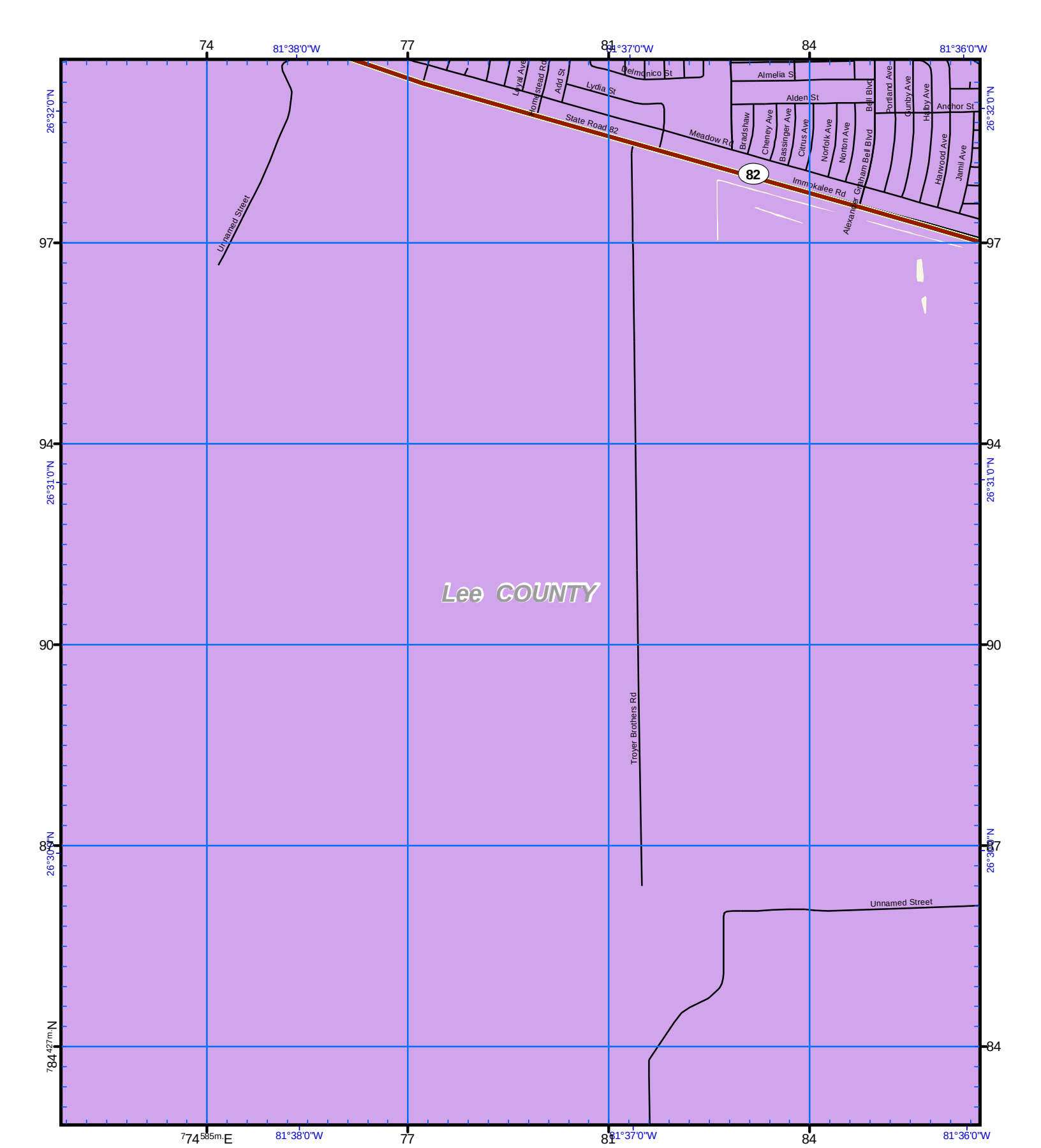
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 36 30**

Map Plate **60**

Page 80

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 40 30**

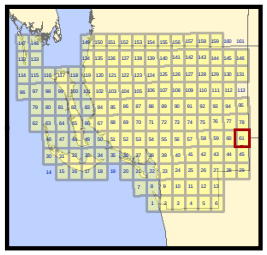
Map Plate **61**

Page 81

Legend

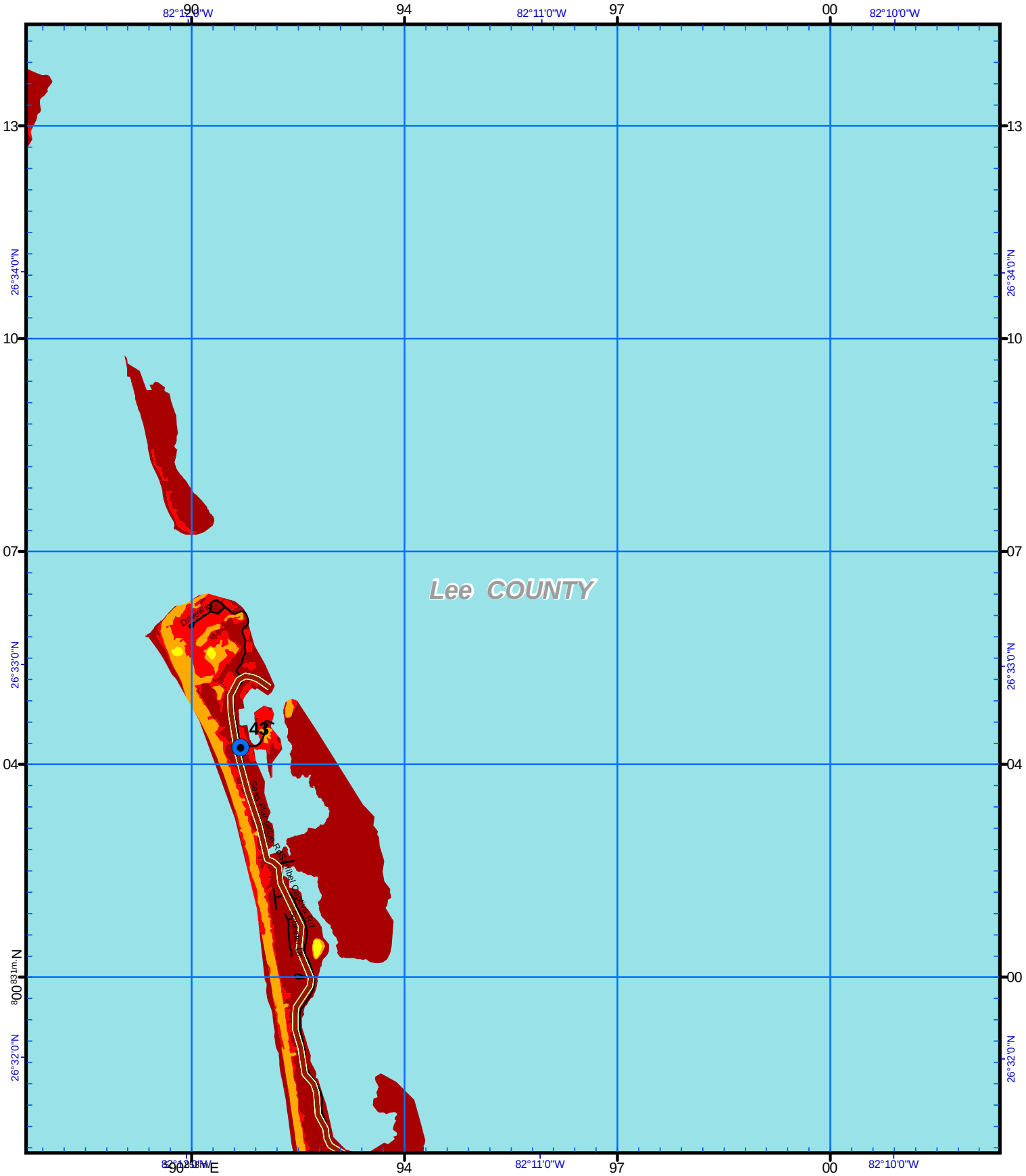
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
TS
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US National Grid	
100,000-m Square ID	**LK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet

0 2,000

USNG Page **17R LK 80 35**

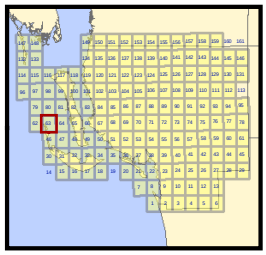
Map Plate **63**

Page 82

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 88 35**

Map Plate **65**

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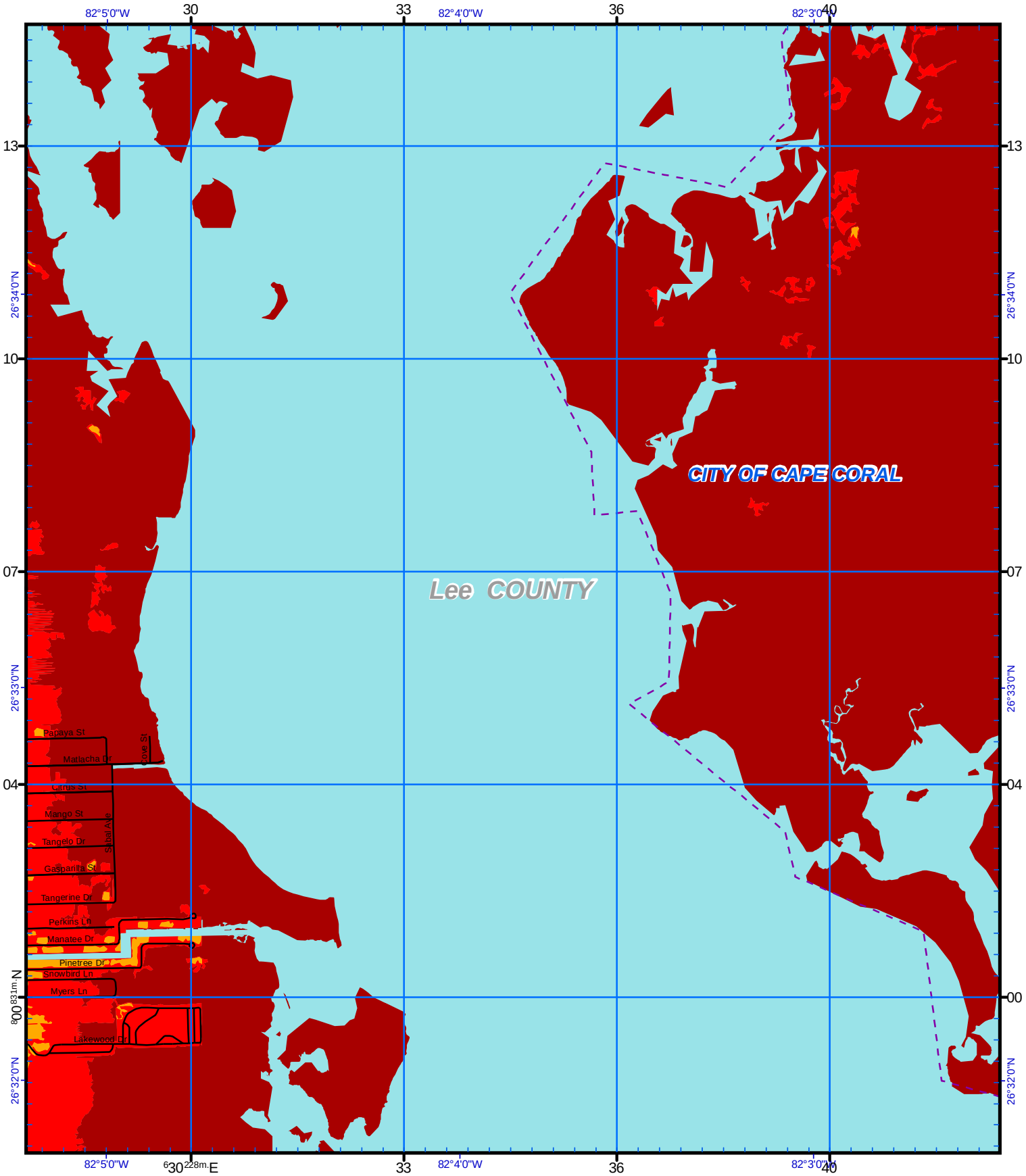
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 92 35**

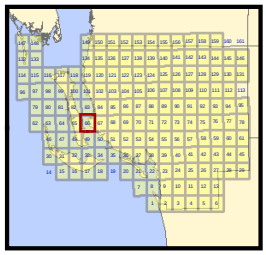
Map Plate **66**

Page 84

Legend

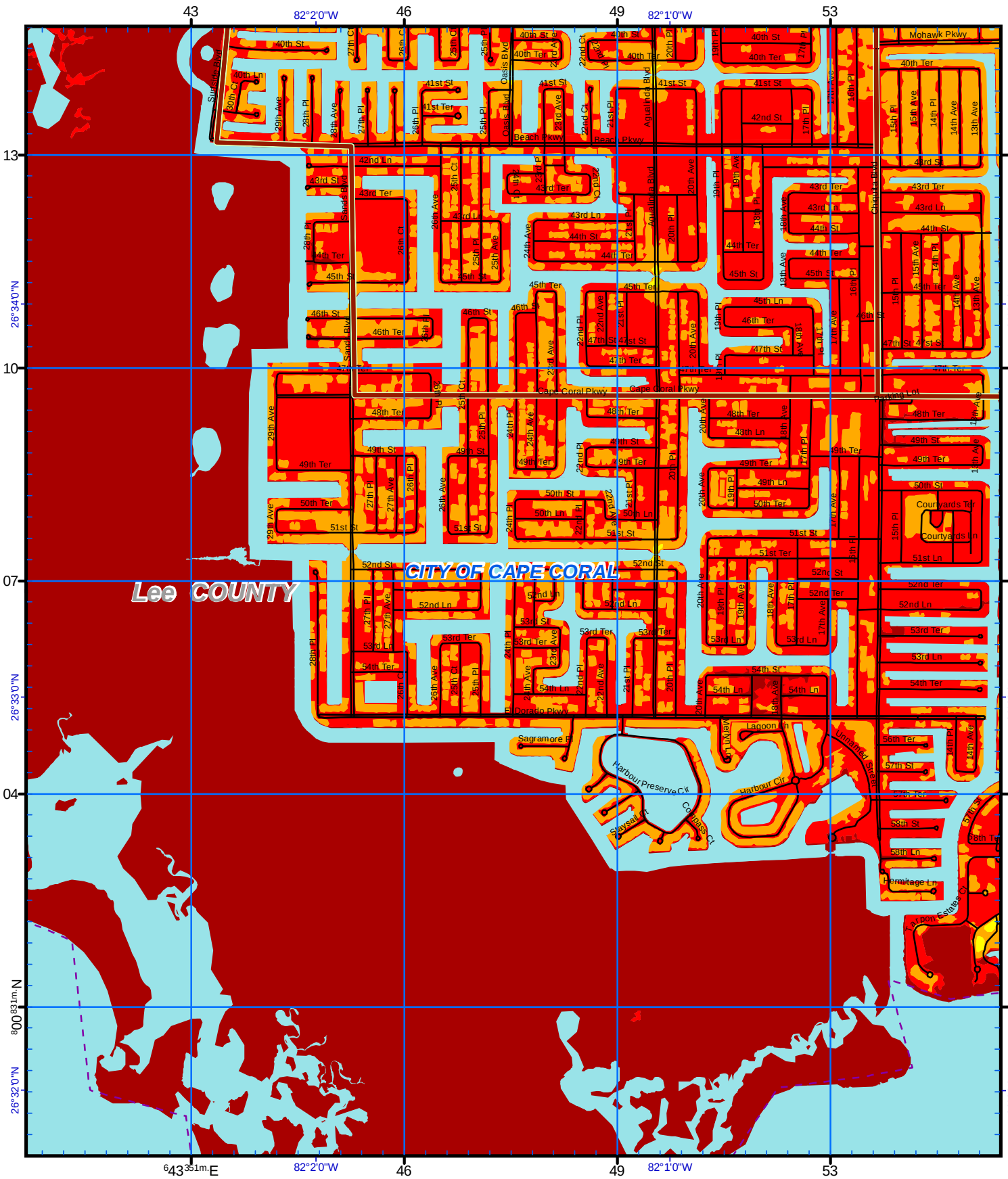
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**LK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
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Mag. Declination 4°31'W
Changing by 5' W per yr
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — Feet — 2,000

USNG Page **17R LK 96 35**

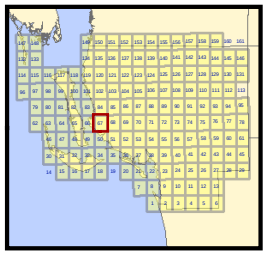
Map Plate **67**

Page 85

Legend

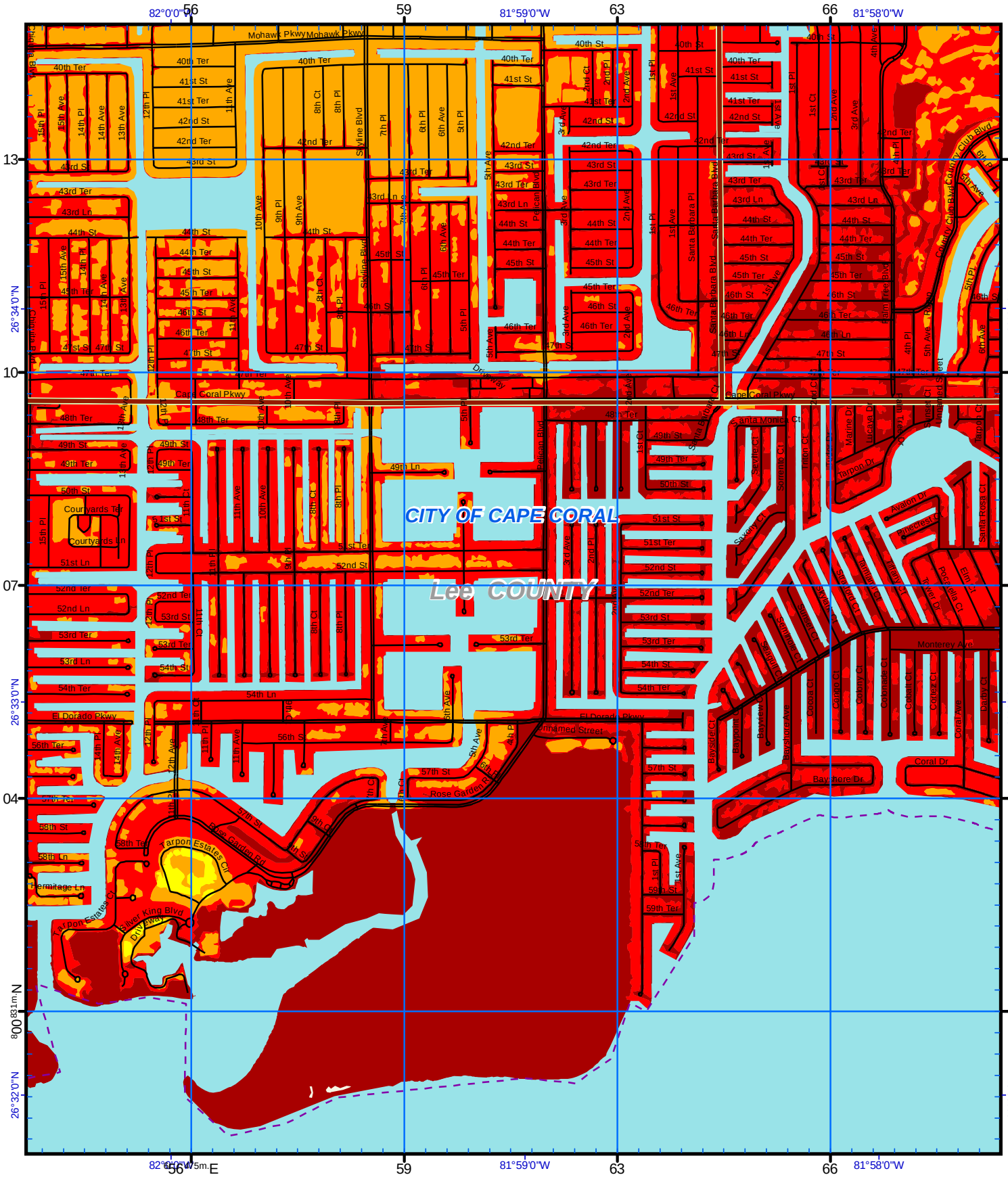
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
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- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 00 35**

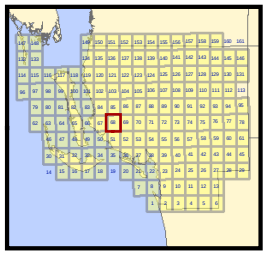
Map Plate **68**

Page 86

Legend

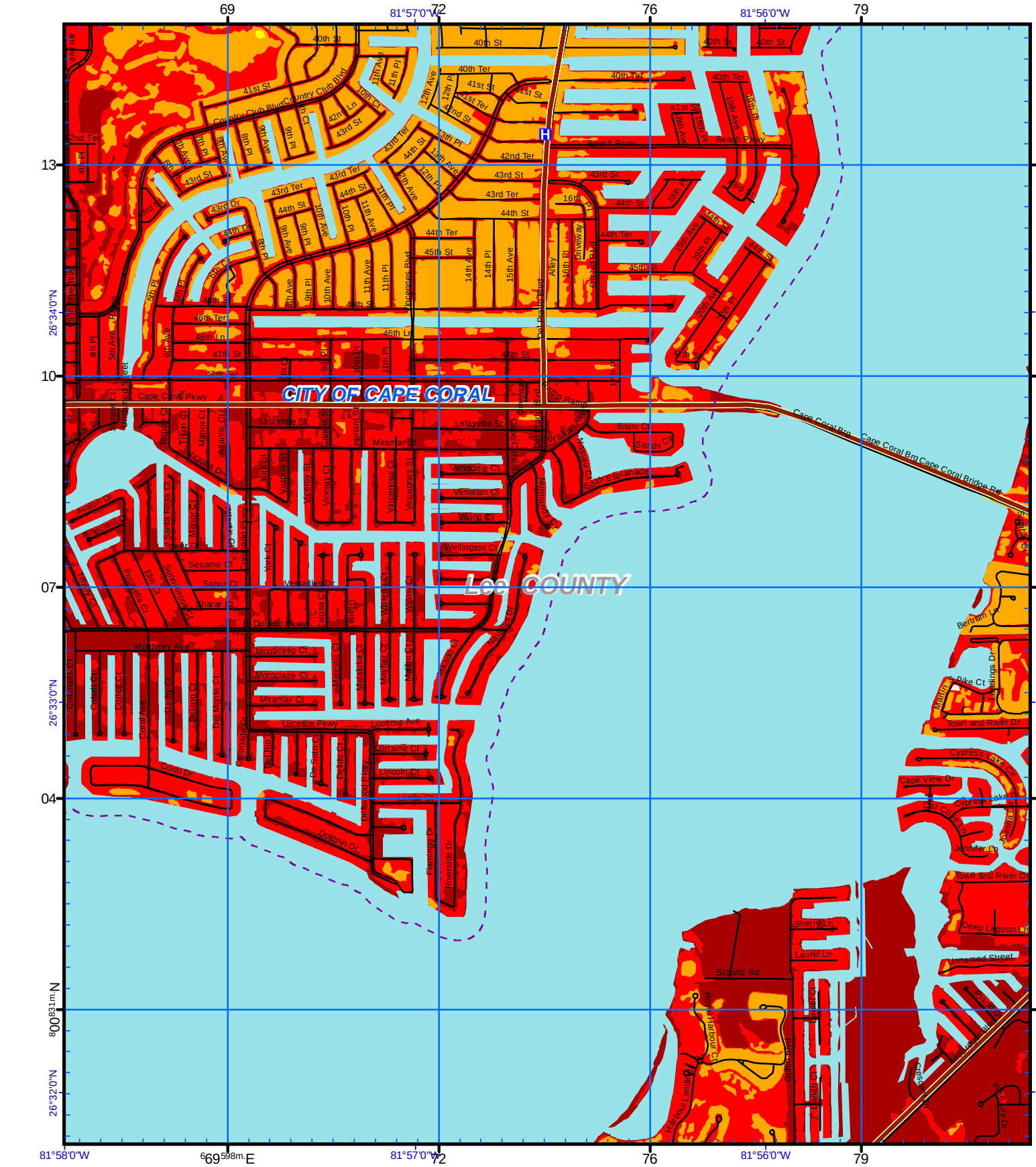
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 04 35**

Map Plate **69**

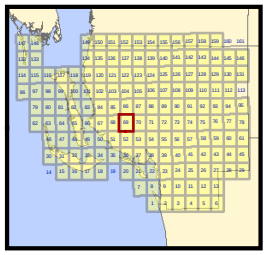
Page 87

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat

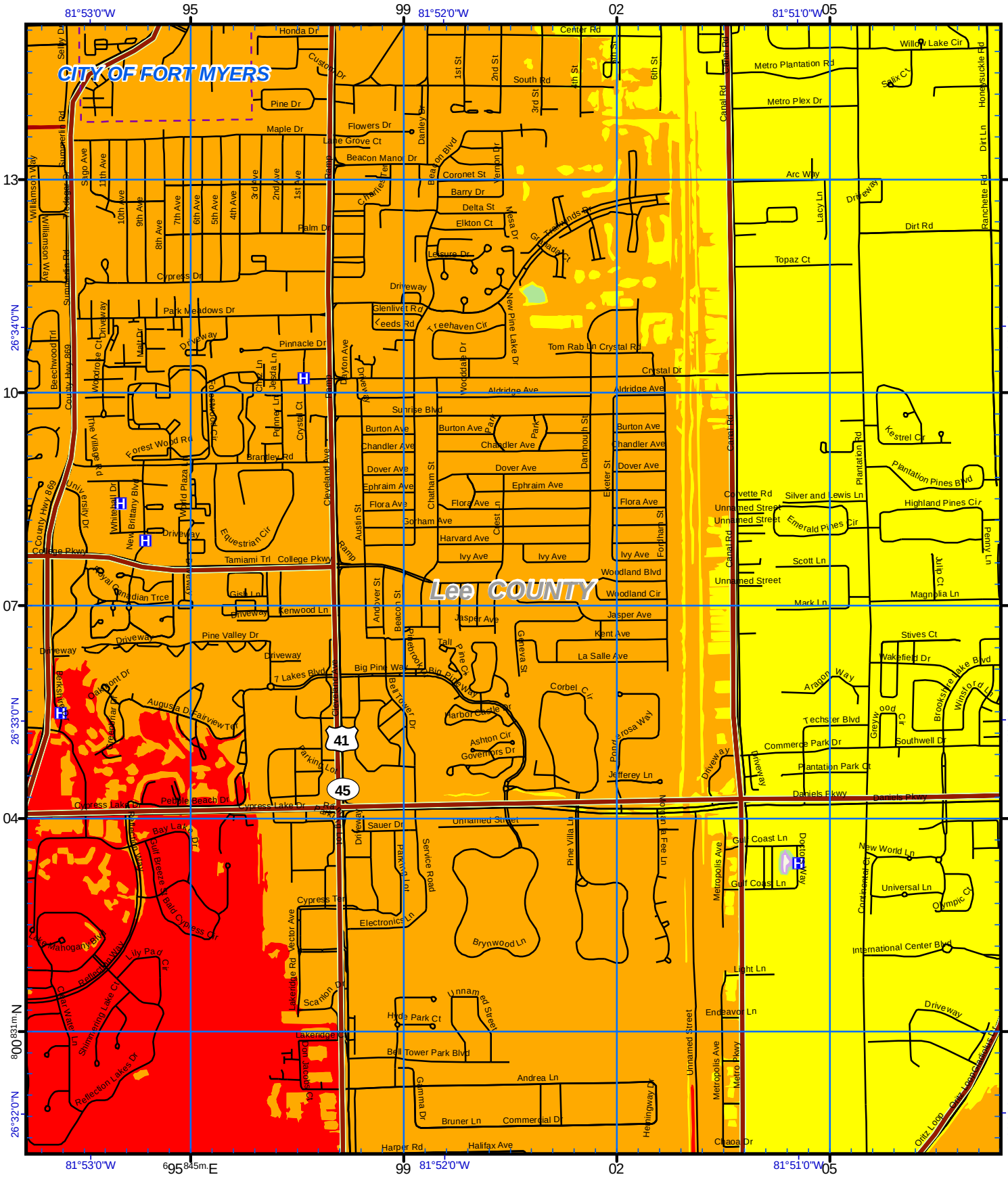
- TS
- 1
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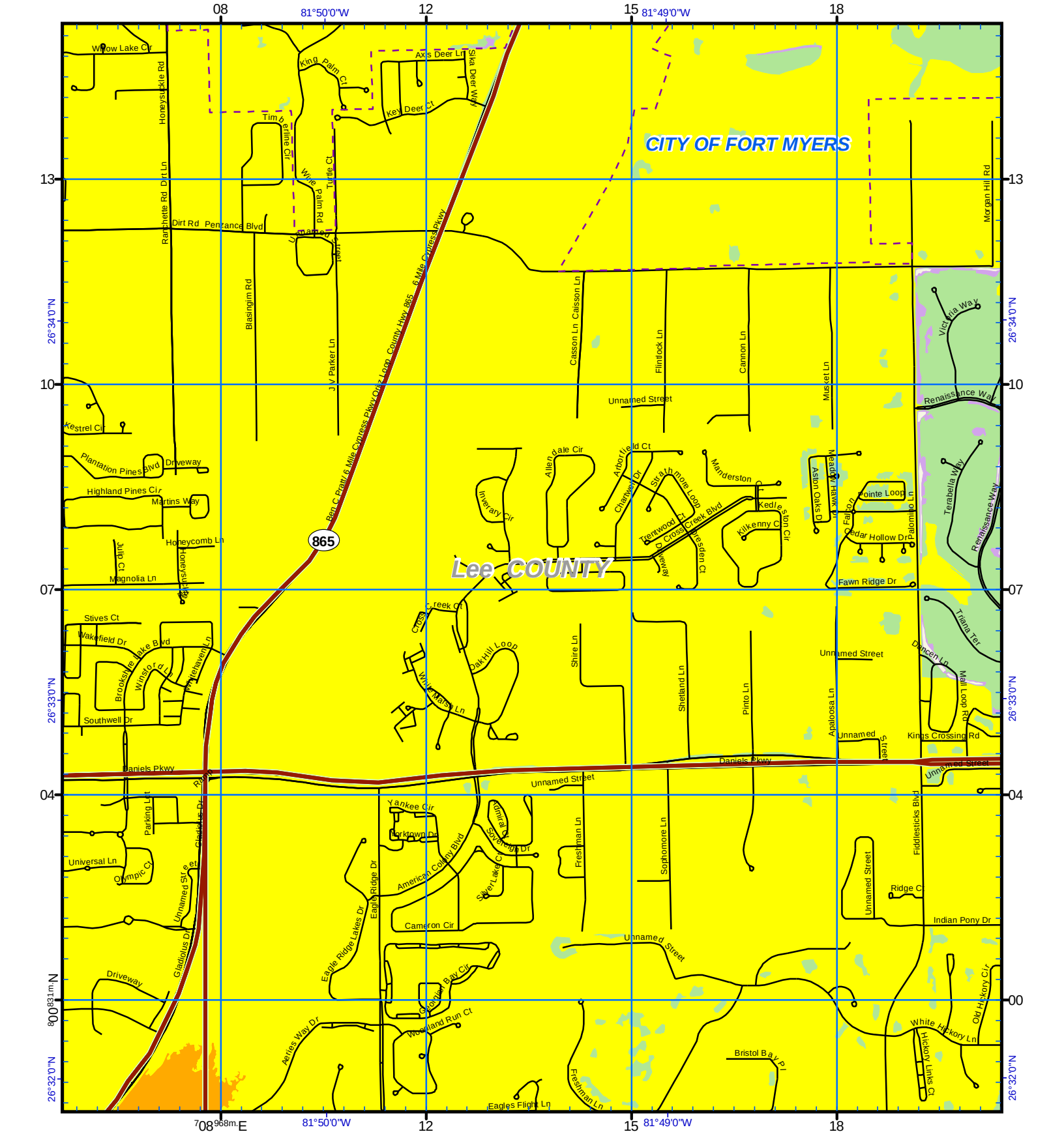


This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

CITY OF FORT MYERS
Lee COUNTY
867
82
86
89
92
81°55'0"W
81°54'0"W
81°53'0"W
26°34'0"N
26°33'0"N
26°32'0"N
13
10
07
04
00
Reward Dr
Reynard Dr
Wainwright Way
Sheffield Way
Landmark Ct
Maple Dr
Tredegar Dr
Sago Ave
11th Ave
10th Ave
9th Ave
Dubonnet Ct
Medoc Ln
Park Meadows Dr
Amoroso Dr
Cognac Dr
Beechwood Trl
Sandpiper Pl
Wild Fig Ln
Brantley Rd
Whitehall Dr
New Britany Blvd
Tamiami Trl
University Dr
Whiskey Creek Dr
Harbour Cay Blvd
College Pointe Dr
College Pkwy
Astarias Cir
Wesleyan Dr
Colby Dr
Indiana Ave
Avery St
Anchorage Ave
Wilson Rd
Sunset Vista Dr
Entrada Dr
Courtington Ln
Wilshire Dr
Dean Way
Banyan Cove Ct
El Rio Dr
Travers Ave
Eichen Cir
Bayside Dr
Peck Ave
Val Mar Dr
Keenan Ave
Keenan Ct
Norwood Ct
Prather Dr
Snow Dr
Cape Coral Pkwy
Cape Coral Bridge Rd
Magnolia Pointe
Mariners Cove Ln
Yacht Club Dr
Flagship Dr
Harborview Ln
Landings Blvd
Lake Park Dr
Camelot Dr
Somerset Blvd
Creighton Dr
Hofstra Dr
Haven Ln
Unnamed Street
Buccaneer Dr
Pine Valley Dr
Oakmont Dr
Augusta Dr
Edison Pkwy
Gateway Blvd
Town and River Dr
Brevity Ln
Owlclover St
Deerfoot Dr
Wildginger Dr
Vanilleaf St
Waterway Dr
Cypress Lake Dr
Cypress Lake Rd
Xavier Ave
Duquesne Dr
Principia Dr
Adelphi Cir
Bethany Cir
Fordham Blvd
Sylvan Ave
McGregor Blvd
Lake McGregor Dr
Deep Lagoon Ln
Erin Marie Ct
Julie Ann Ct
Unnamed Street
Birr St
Almetta Ave
Point Pleasant Cir
Myrtle Country Club Blvd
Eagle Way
Bunker Way
Sandtrap Dr
Bailey Dr
Rose Ct
Lueck Ln
Memoli Ln
Panther Ln
Tridolcaha Dr
Fiesta Way
Golf Dr
Carriage Ln
Braeburn Rd
Pinecrest Rd
Bennington Dr
Knollwood Rd
Mayfair Rd
Hermitage Rd
Flossmoor Rd
Long Meadow Rd
Fountainhead Rd
Brentwood Rd
Reflection Lakes Dr
Reflection Water Way
Lake Mahogany Blvd
Summerlin Rd
Overlook Dr
Clear Water Ln
Shimmering Lake Ct
Edgewater Cir
Foxfire Dr
Foxfire Rd
Foxfire Ct
Cherbourg Dr
Arcola Dr
Brandywine Cir
Hazeltine Dr
Medinah Dr
Broadwater Dr
Squire Ct
Putter Point Ln
Charter Club Cir
Patty Berg Dr
Harbour Club Rd
Driveway
Parking Lot
Ramp
Golf Course
Cape Coral Golf Course
Cape Coral Yacht Club
Jaycee Park
Jaycee Park Beach
Lighthouse Park
Lighthouse Park Beach
Yacht Club Beach
Yacht Club Park
Yacht Club Park Beach
Yacht Club Park Boat Ramp
Yacht Club Park Fishing Pier
Yacht Club Park Playground
Yacht Club Park Restrooms
Yacht Club Park Shelter
Yacht Club Park Volleyball Court
Yacht Club Park Water Fountain
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CITY OF FORT MYERS
Lee COUNTY
81°53'0"W
81°52'0"W
81°51'0"W
26°34'0"N
26°33'0"N
26°32'0"N
95
99
02
05
13
10
07
04
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Honda Dr
Pine Dr
Maple Dr
Palm Dr
Cypress Dr
Park Meadows Dr
Pinnacle Dr
Forest Wood Rd
Brantley Rd
College Pkwy
Tamiami Trl
Royal Canadian Trce
Kenwood Ln
Pine Valley Dr
7 Lakes Blvd
Augusta Dr
Fairview Trl
Cypress Lake Dr
Pebble Beach Dr
Bay Lake Dr
Gulf Breeze Dr
Bald Cypress Cir
Lake Mahogany Blvd
Lily Pad Cir
Reflection Lakes Dr
Shimmering Lake Ct
Cedar Waterway Ln
Center Rd
South Rd
Flowers Dr
Lake Grove Ct
Beacon Manor Dr
Coronet St
Barry Dr
Delta St
Elkton Ct
Leisure Dr
Glenlivet Rd
Keeds Rd
Treehaven Cir
Tom Rab Ln
Crystal Rd
Crystal Dr
Aldridge Ave
Sunrise Blvd
Burton Ave
Chandler Ave
Dover Ave
Ephraim Ave
Flora Ave
Gotham Ave
Harvard Ave
Ivy Ave
Woodland Blvd
Woodland Cir
Jasper Ave
Kent Ave
La Salle Ave
Big Pine Way
Corbel Cir
Harbor Castle Dr
Ashton Cir
Governors Dr
Jefferey Ln
Daniels Pkwy
Commerce Park Dr
Plantation Park Ct
Techster Blvd
Southwell Dr
Aragon Way
Stives Ct
Wakefield Dr
Brookside Lake Blvd
Winsford Ln
Greywood Cir
Scott Ln
Mark Ln
Magnolia Ln
Penny Ln
Julie Ct
Highland Pines Cir
Emerald Pines Cir
Silver and Lewis Ln
Unnamed Street
Corvette Rd
Kestrel Cir
Plantation Pines Blvd
Plantation Rd
Topaz Ct
Dirt Rd
Arc Way
Lacy Ln
Driveway
Ranchette Rd
Dirt Ln
Honeysuckle Rd
Willow Lake Cir
Metro Plantation Rd
Metro Plex Dr
Salix Cv
Canal Rd
Gulf Coast Ln
New World Ln
Universal Ln
Olympic Cir
International Center Blvd
Light Ln
Endeavor Ln
Metropolis Ave
Metro Pkwy
Unnamed Street
Hemingway Dr
Chaoaa Dr
Ortiz Loop
Ortiz Ave
Andrea Ln
Bruner Ln
Commercial Dr
Gamma Dr
Bell Tower Park Blvd
Hyde Park Ct
Lakeridge Rd
Scanlon Dr
Don Jacobs Dr
Electronics Ln
Brynwood Ln
Service Road
Parking Lot
Vector Ave
Cypress Trl
Sauer Dr
Pine Villa Ln
Natural Is Fee Ln
Harper Rd
Halifax Ave
Andover St
Beacon St
Ridgebrook Ln
Tall Pine Ct
Geneva St
Bell Tower Dr
Pond Rosa Way
Cleveland Ave
Austin St
Chatham St
Dayton Ave
Woddale Dr
New Pine Lake Dr
Mesa Dr
Gr Traditions Dr
Danmouth St
Exeter St
Fordham St
Beacon Blvd
Vernon Dr
Danley Dr
1st St
2nd St
3rd St
4th St
5th St
6th St
Canal Rd
Driveway
Ramp
Parking Lot
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Trail
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8th Ave
7th Ave
6th Ave
5th Ave
4th Ave
3rd Ave
2nd Ave
1st Ave
Williamson Way
Summerlin Rd
Beechwood Trl
Woodpointe Ct
Mall Dr
Chief Ln
Jeeta Ln
Penning Ln
Crystal Ct
Cypress Ct
Whitetail Dr
New Brittany Blvd
World Plaza Ln
Equestrian Cir
Cleveland Ave
Gisi Ln
Berkshire Rd
Oakmont Dr
Fairview Ter
Augusta Dr
Parking Lot
Bay Lake Dr
Gulf Breeze Dr
Bald Cypress Cir
Lily Pad Cir
Reflection Lakes Dr
Shimmering Lake Ct
Cedar Waterway Ln
Lake Mahogany Blvd
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Hemingway Dr
Chaoaa Dr
Ortiz Loop
Ortiz Ave
Metropolis Ave
Metro Pkwy
Gulf Coast Ln
Dartmouth Way
Cordgrass Cir
Endeavor Ln
Light Ln
Unnamed Street
Driveway
Ramp
Parking Lot
Park
Trail
Sago Ave
Williamson Way
Summerlin Rd
Beechwood Trl
Woodpointe Ct
Mall Dr
Chief Ln
Jeeta Ln
Penning Ln
Crystal Ct
Cypress Ct
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New Brittany Blvd
World Plaza Ln
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Fairview Ter
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Reflection Lakes Dr
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Lakeridge Rd
Vector Ave
Cypress Trl
Scanlon Dr
Don Jacobs Dr
Electronics Ln
Brynwood Ln
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Parking Lot
Sauer Dr
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Hyde Park Ct
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Andrea Ln
Bruner Ln
Commercial Dr
Gamma Dr
Harper Rd
Halifax Ave
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Metropolis Ave
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Ortiz Loop
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Metropolis Ave
Metro Pkwy
Gulf Coast Ln
Dartmouth Way
Cordgrass Cir
Endeavor Ln
Light Ln
Unnamed Street
Driveway
Ramp
Parking Lot
Park
Trail
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45
H
H
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CITY OF FORT MYERS
Lee COUNTY
865
Ben C Pratt/6 Mile Cypress Pkwy Conn Loop
6 Mile Cypress Pkwy
Daniels Pkwy
Unnamed Street
Dirt Rd
Penzance Blvd
Plantation Pines Blvd
Driveway
Highland Pines Cir
Martins Way
Honeycomb Ln
Magnolia Ln
Stives Ct
Wakefield Dr
Brookshire Lake Blvd
Southwell Dr
Universal Ln
Olympic Ct
Gladiolus Dr
Parking Lot
Yankee Cir
Yorktown Dr
American Colony Blvd
Cameron Cir
Eagle Ridge Lakes Dr
Aeries Way Dr
Driveway
Colonial Bay Cir
Nowland Run Ct
Eagles Flight Ln
Freshman Ln
Sophomore Ln
Silver Lake Ct
Admiral Ct
Sovereign Dr
Bristol Bay Pl
Hickory Links Ct
White Hickory Ln
Old Hickory Cir
Ridge Ct
Indian Pony Dr
Fiddlesticks Blvd
Kings Crossing Rd
Mall Loop Rd
Triana Ter
Duncen Ln
Renaissance Way
Terabella Way
Victoria Way
Morgan Hill Rd
Fawn Ridge Dr
Cedar Hollow Dr
Palomino Ln
Aston Oaks Dr
Meadow Hawk Way
Kilkenny Ct
Kedleston Cir
Trentwood Ct
Cross Creek Blvd
Cross Creek Ct
Cross Creek Pkwy
Manderston Ct
Strathmore Loop
Charwell Dr
Arborfield Ct
Allendale Cir
Inverary Cir
Flintlock Ln
Cannon Ln
Musket Ln
Casson Ln
Caisson Ln
Shire Ln
Shetland Ln
Pinto Ln
Apaloosa Ln
Oak Hill Loop
Wild Marsh Ln
Whitehaven Ln
Winsford Ln
Honeysuckle Rd
Honeysuckle Dr
Ramthette Rd
Dirt Ln
Blasingim Rd
J V Parker Ln
Timberline Cir
Wild Palm Rd
Turtle Ct
King Palm Ct
Key Deer Ct
Axis Deer Ln
Sika Deer Way
Willow Lake Cir
Kestrel Cir
Julip Ct
Stives Ct
Unnamed Street
Unnamed Street
Unnamed Street

US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MK 20 35**

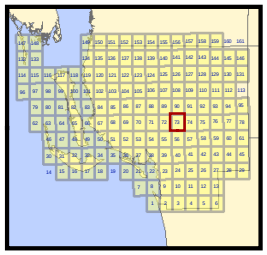
Map Plate **73**

Page 91

Legend

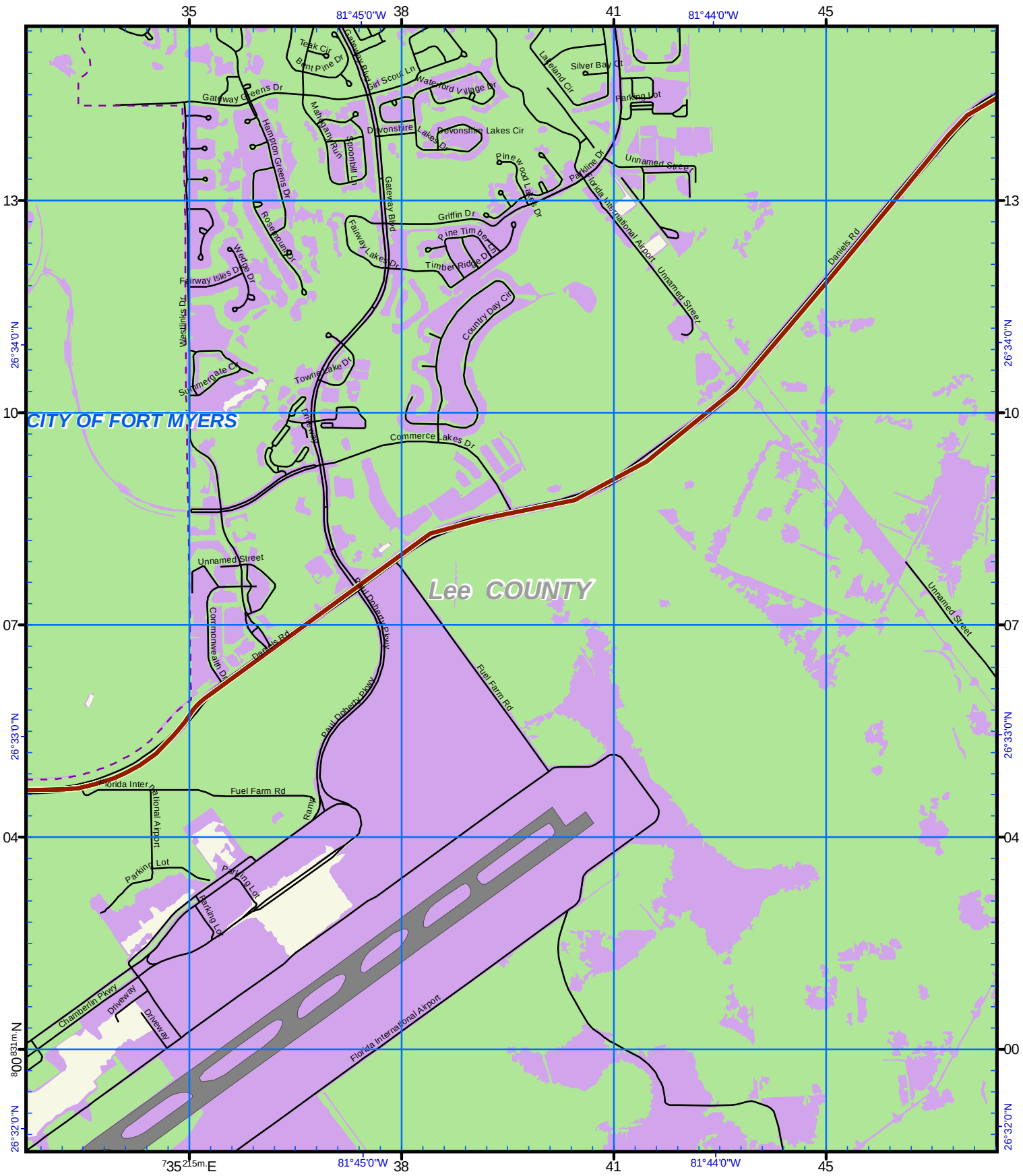
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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100,000-m Square ID
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Grid Zone Designation
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Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 24 35**

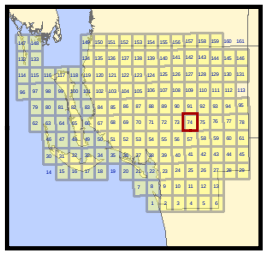
Map Plate **74**

Page 92

Legend

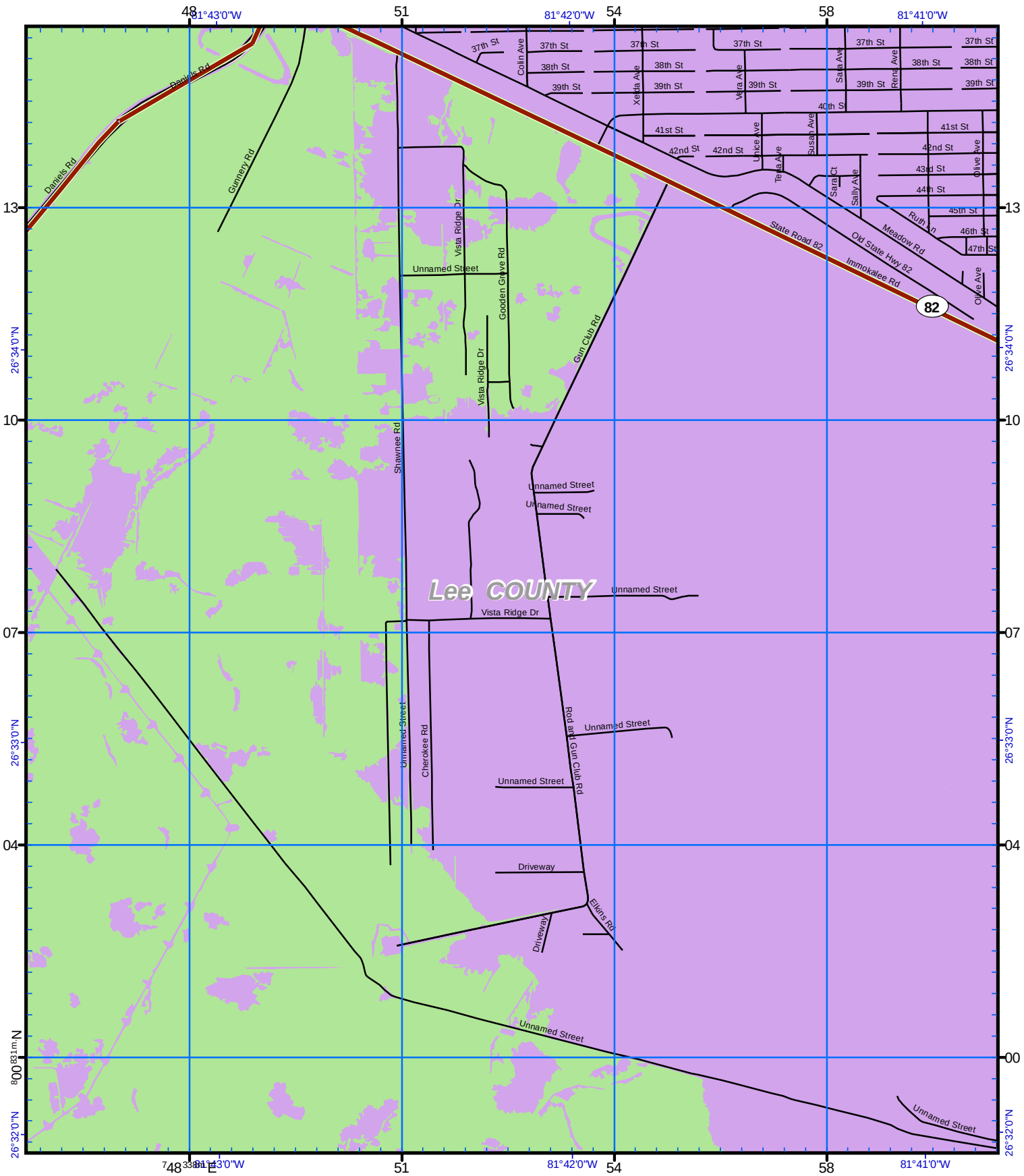
- Ref Point
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Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 28 35**

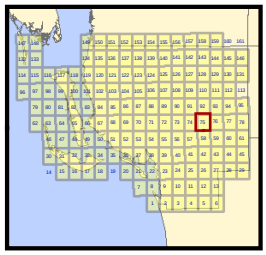
Map Plate **75**

Page 93

Legend

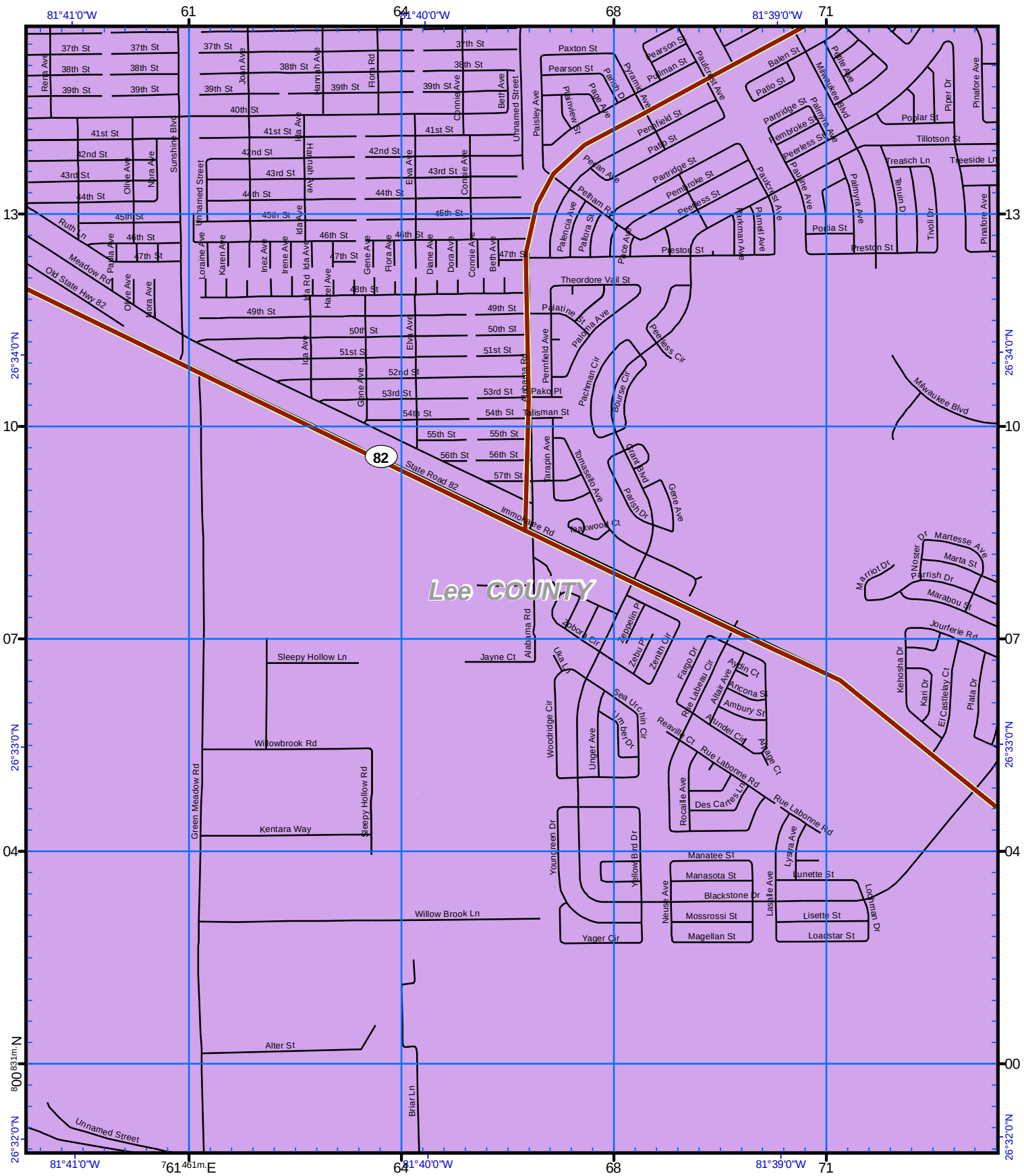
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 32 35**

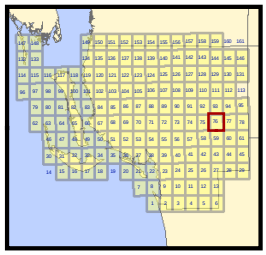
Map Plate **76**

Page 94

Legend

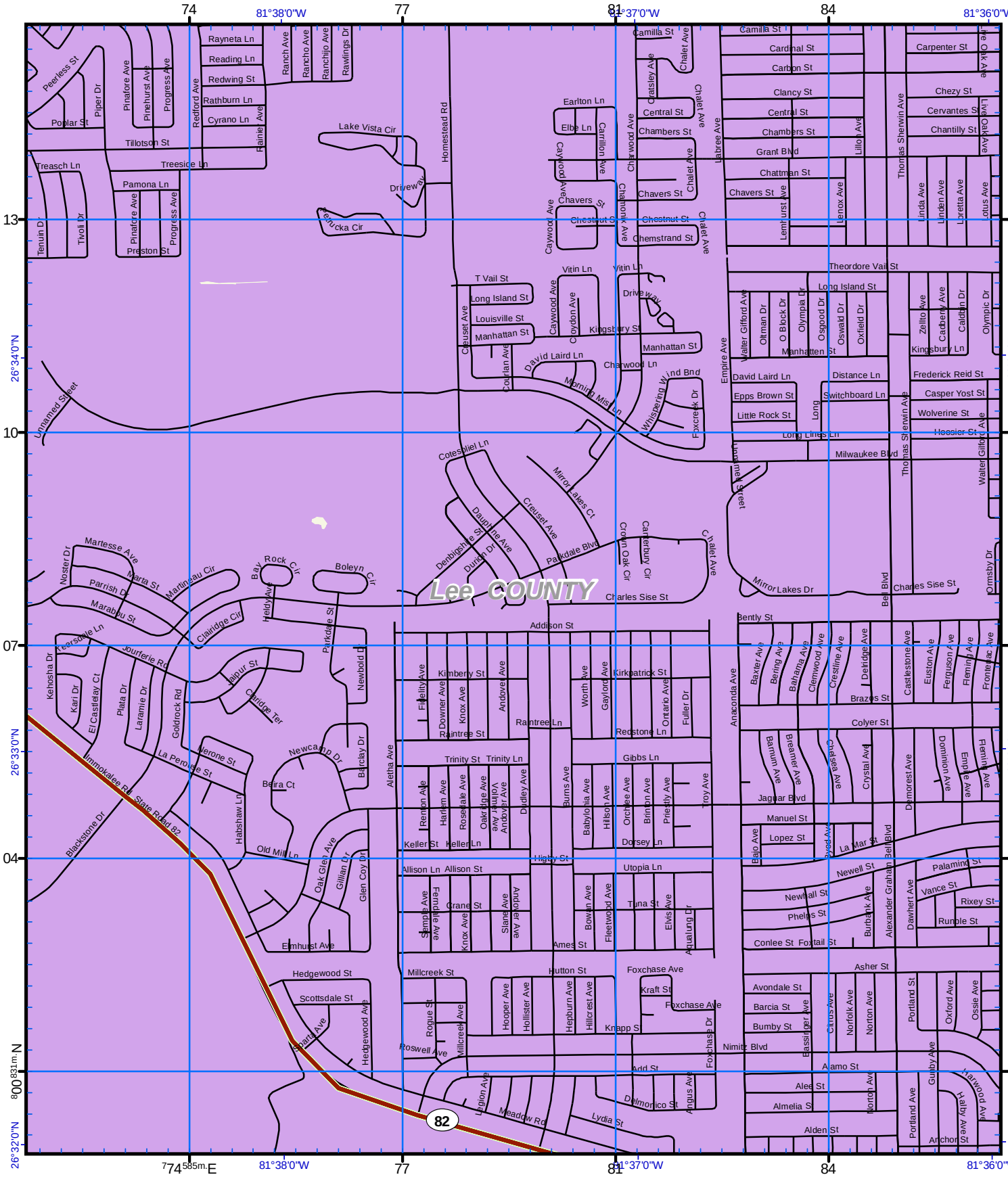
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 36 35**

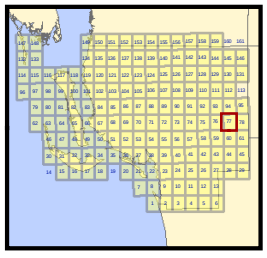
Map Plate **77**

Page 95

Legend

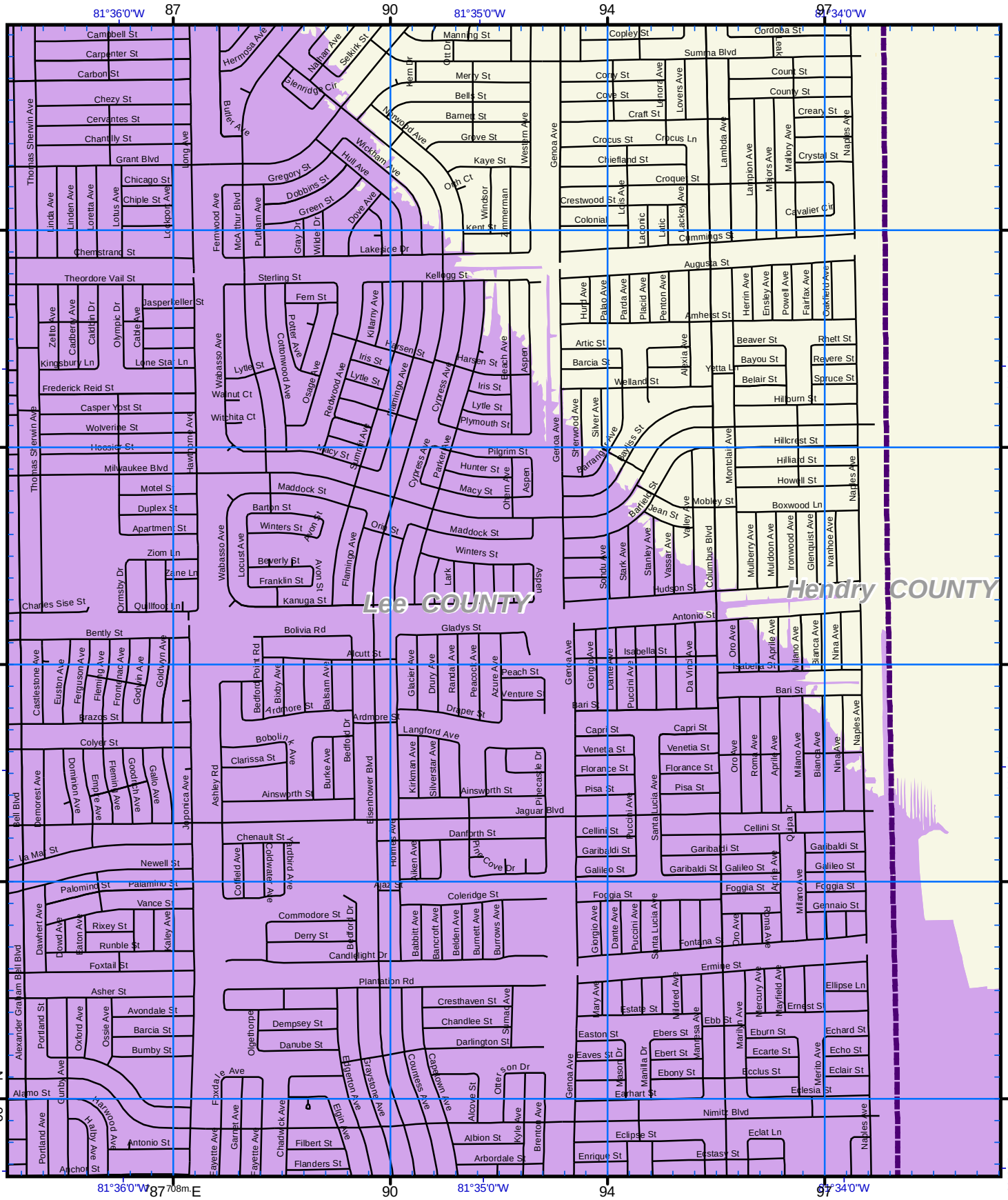
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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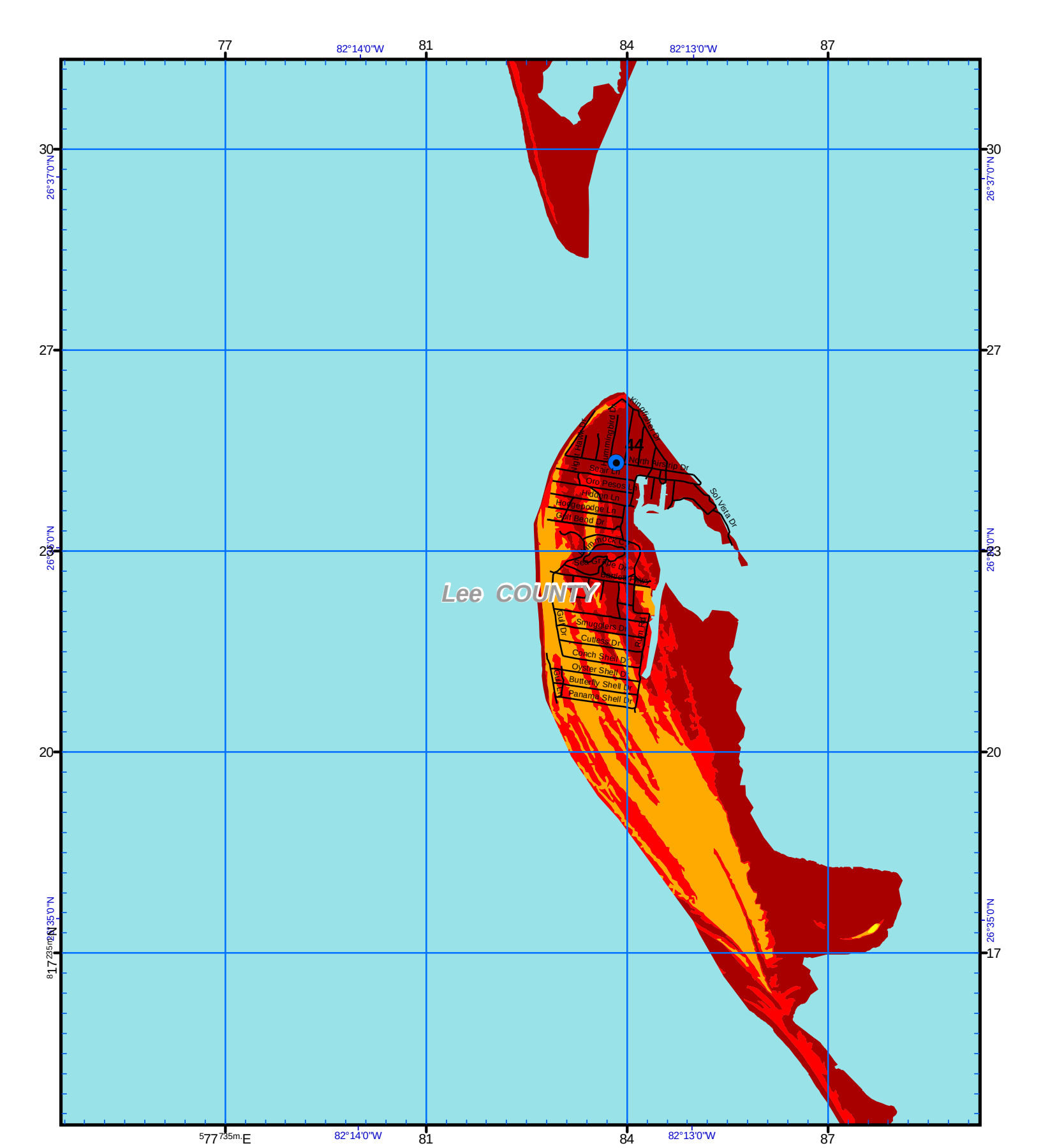
US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 76 40**

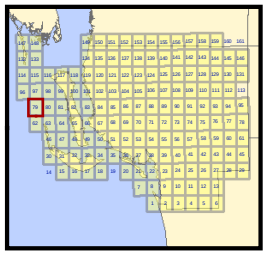
Map Plate **79**

Page 97

Legend

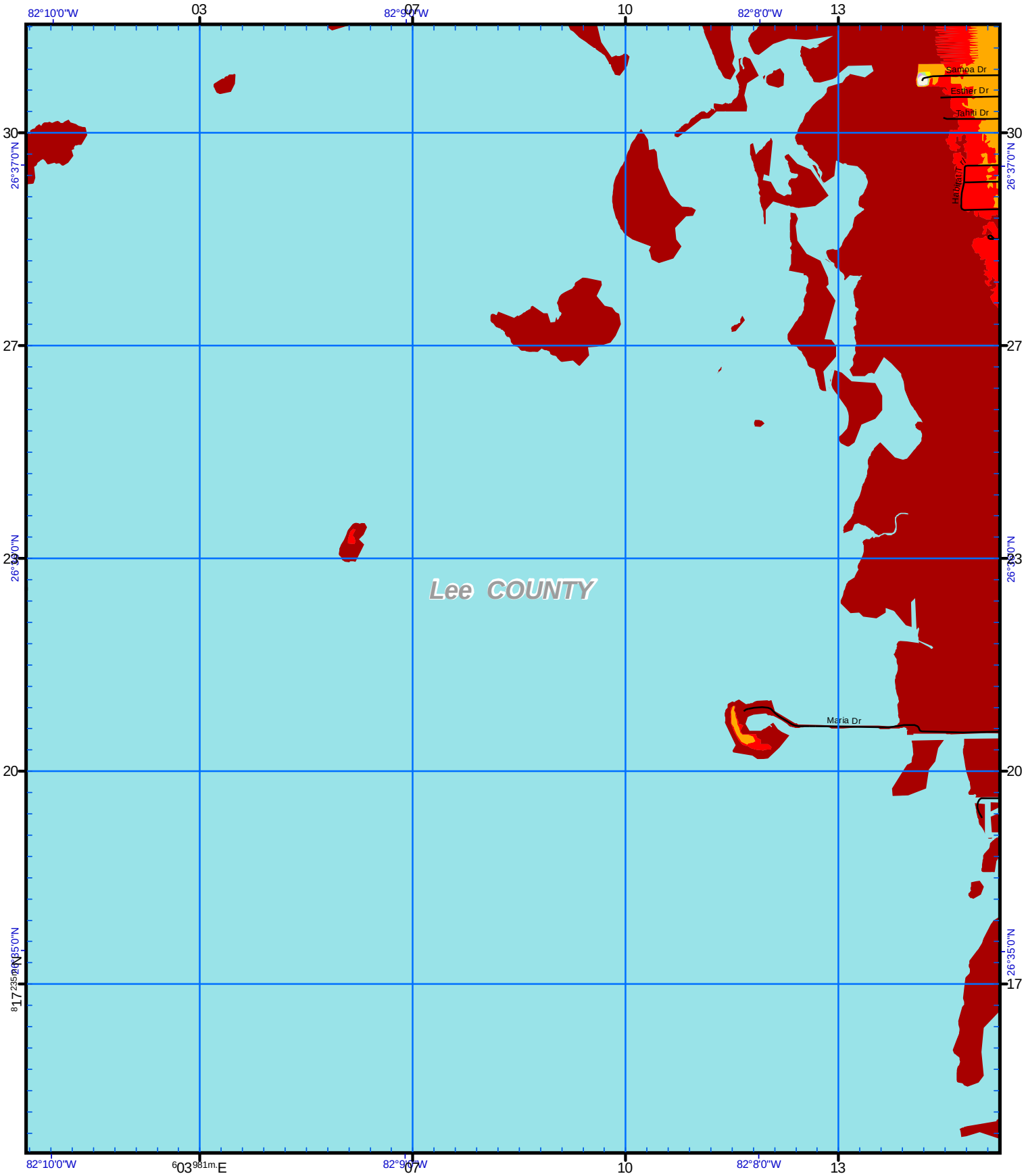
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 84 40**

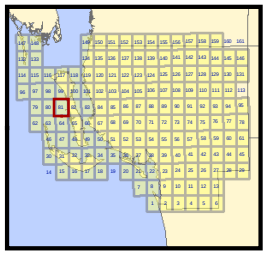
Map Plate **81**

Page 98

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 88 40**

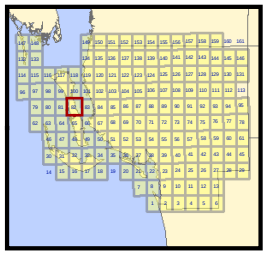
Map Plate **82**

Page 99

Legend

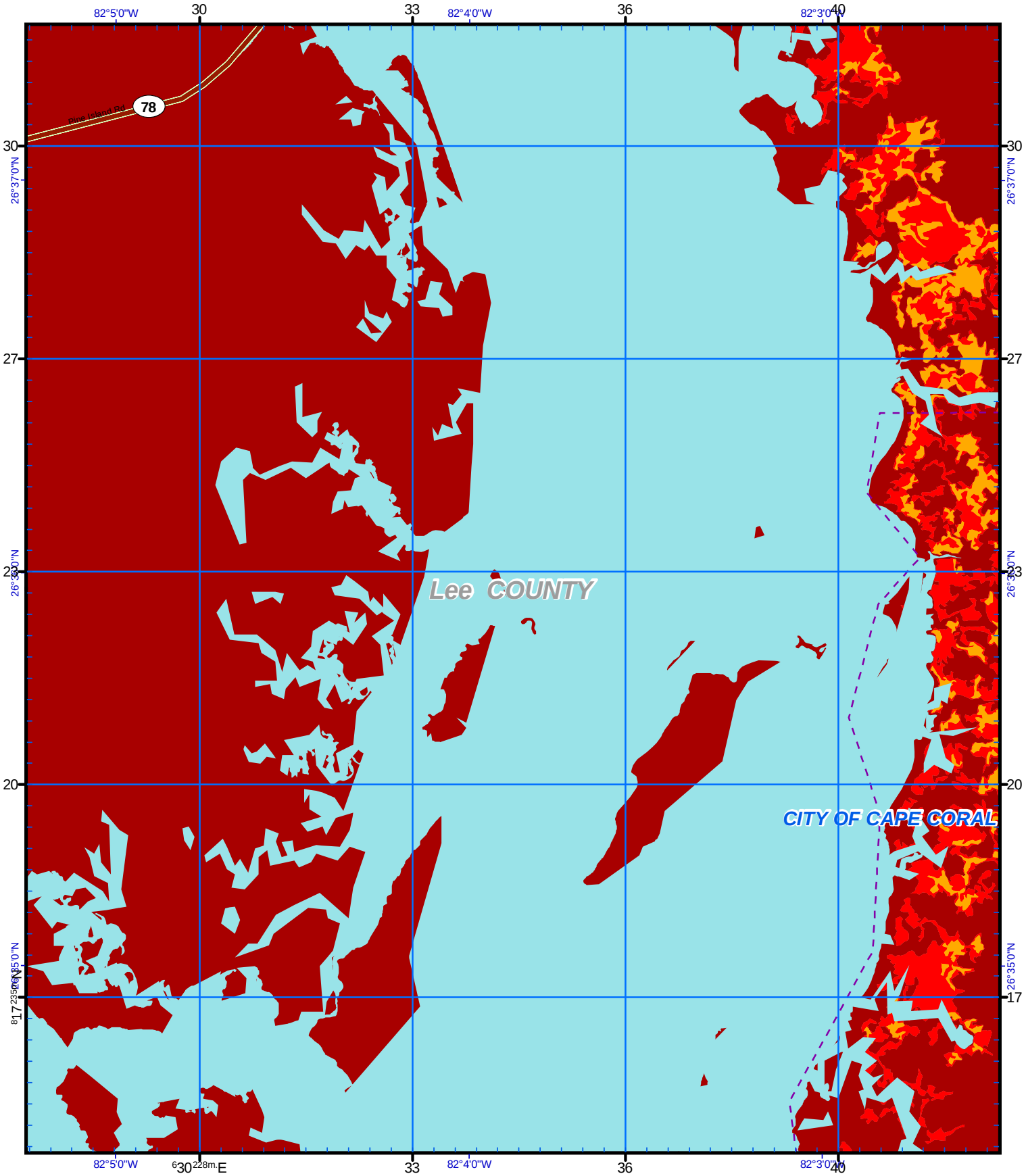
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 92 40**

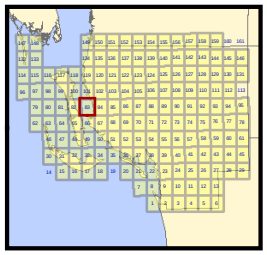
Map Plate **83**

Page 100

Legend

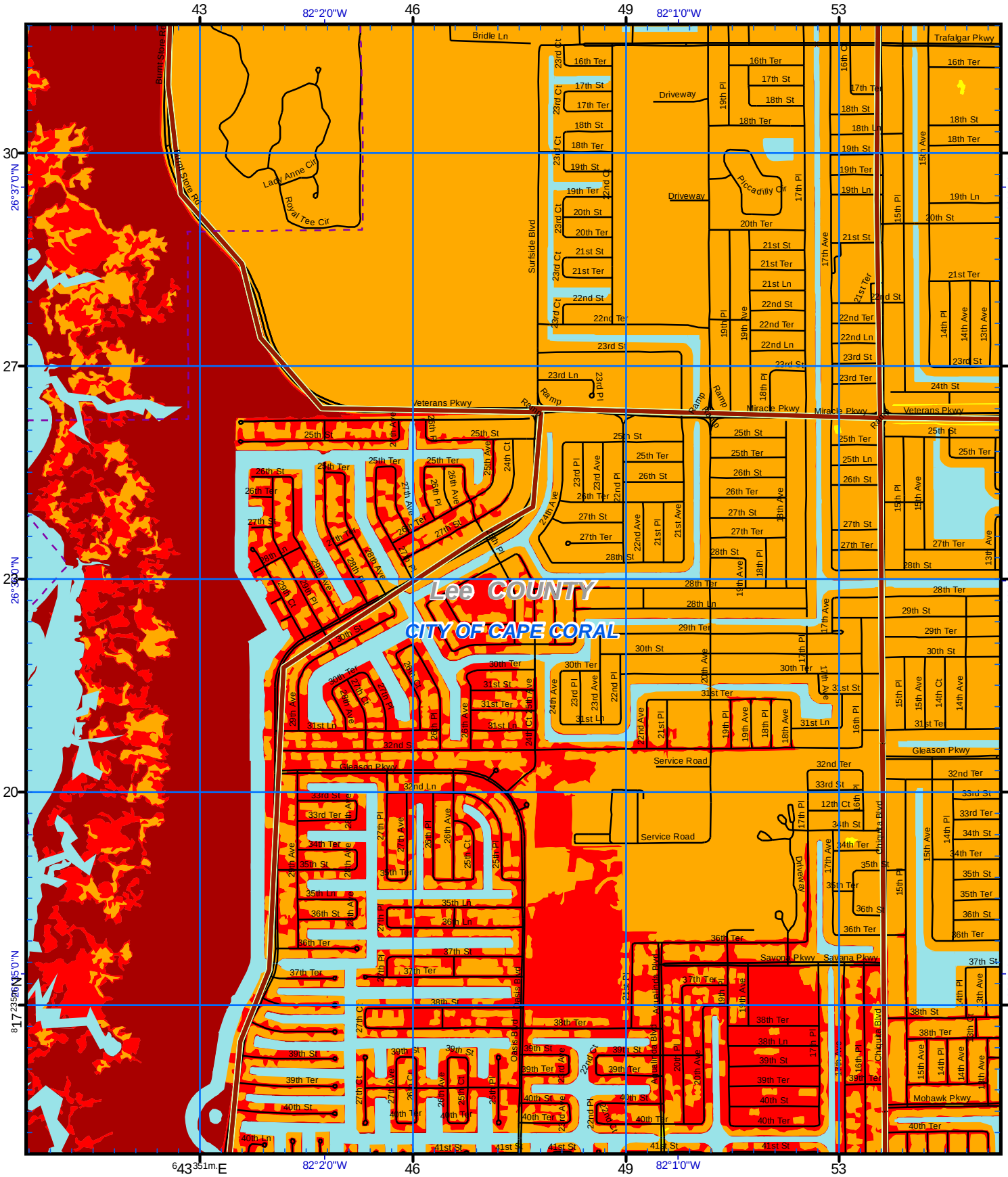
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 96 40**

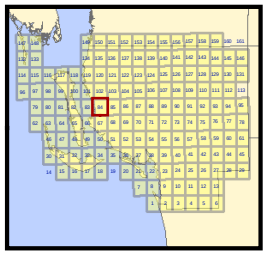
Map Plate **84**

Page 101

Legend

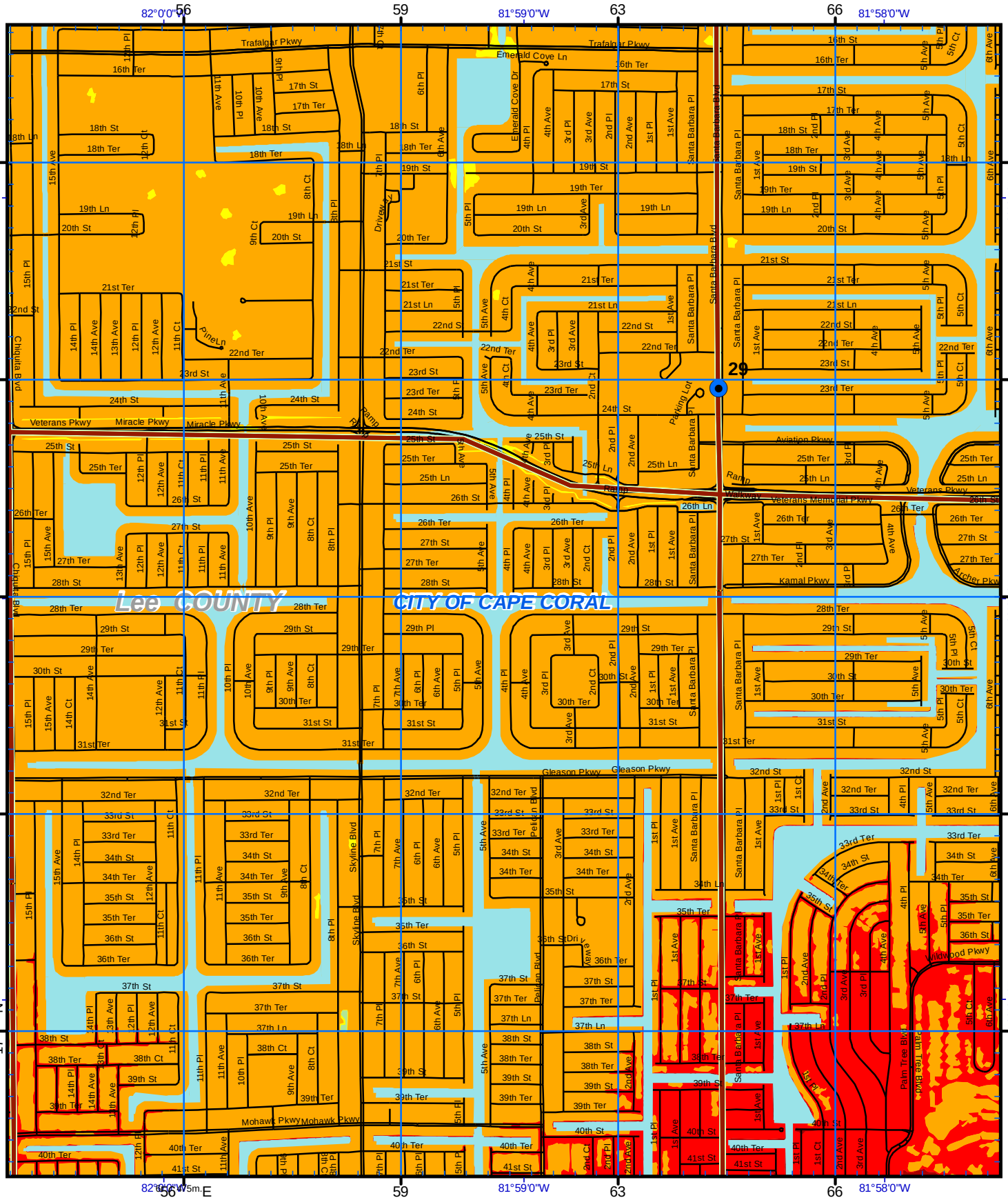
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 00 40**

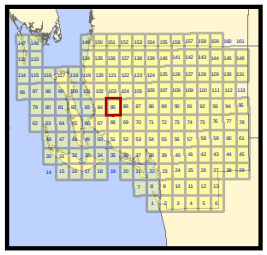
Map Plate **85**

Page 102

Legend

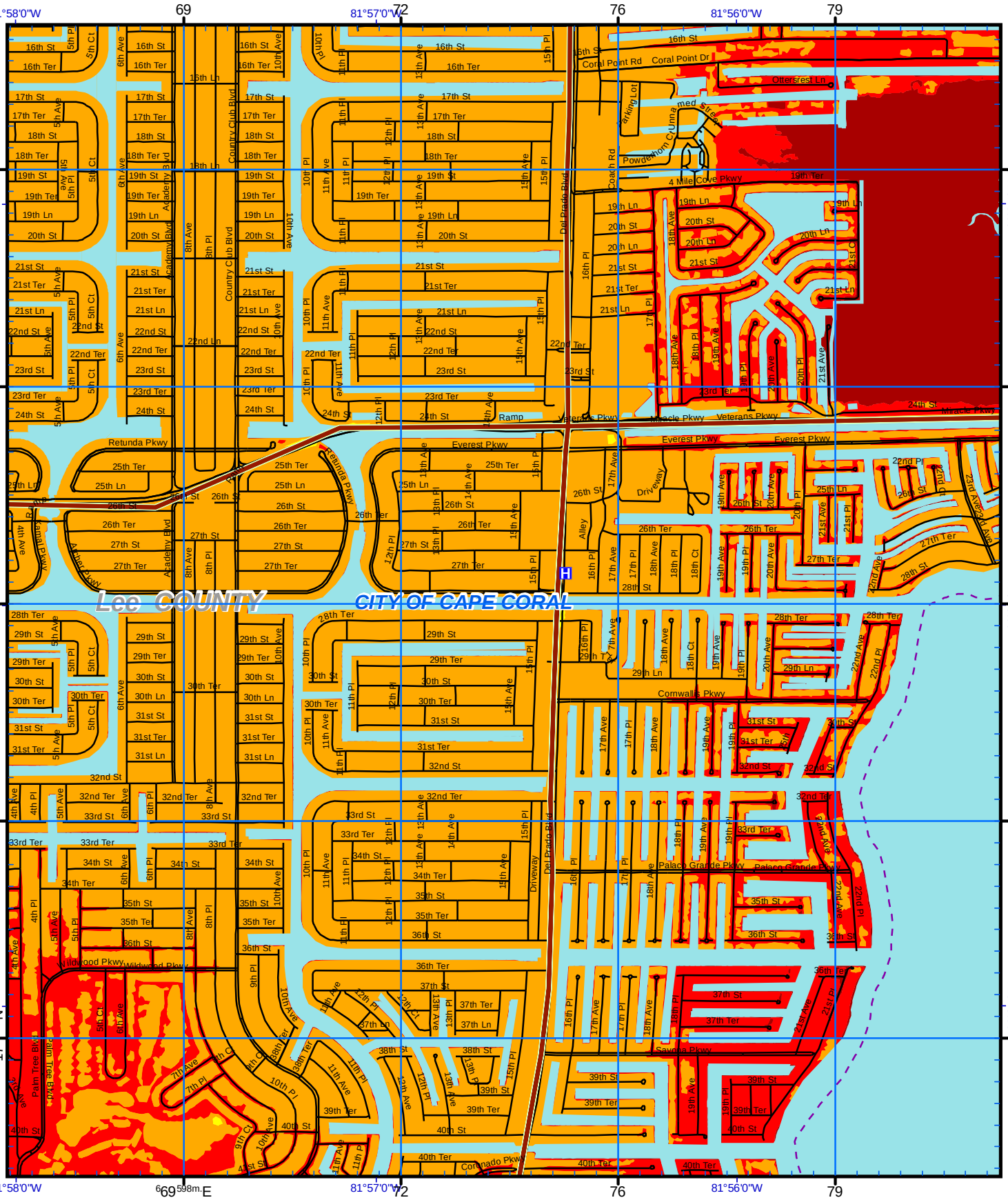
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 04 40**

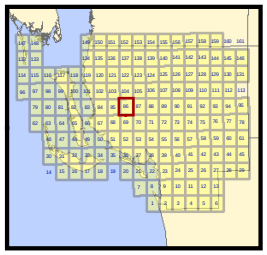
Map Plate **86**

Page 103

Legend

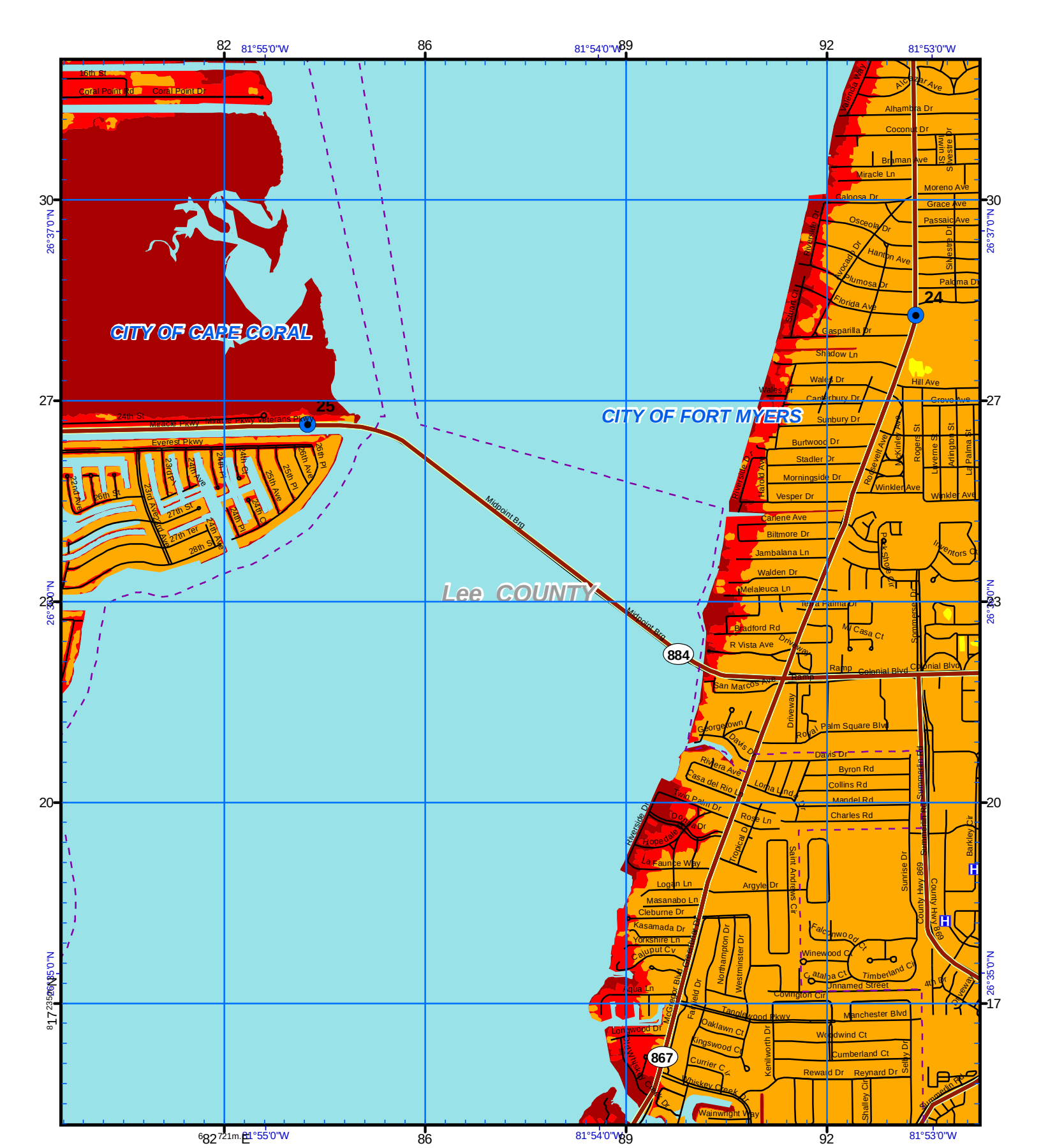
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 08 40**

Map Plate **87**

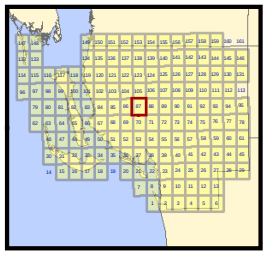
Page 104

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat

- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 12 40**

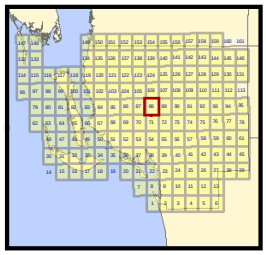
Map Plate **88**

Page 105

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 16 40**

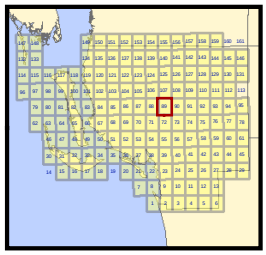
Map Plate **89**

Page 106

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 20 40**

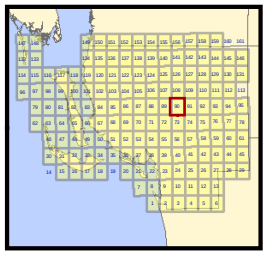
Map Plate **90**

Page 107

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 24 40**

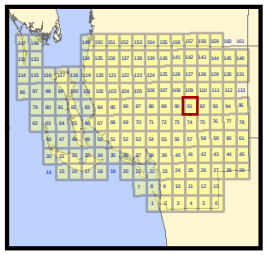
Map Plate **91**

Page 108

Legend

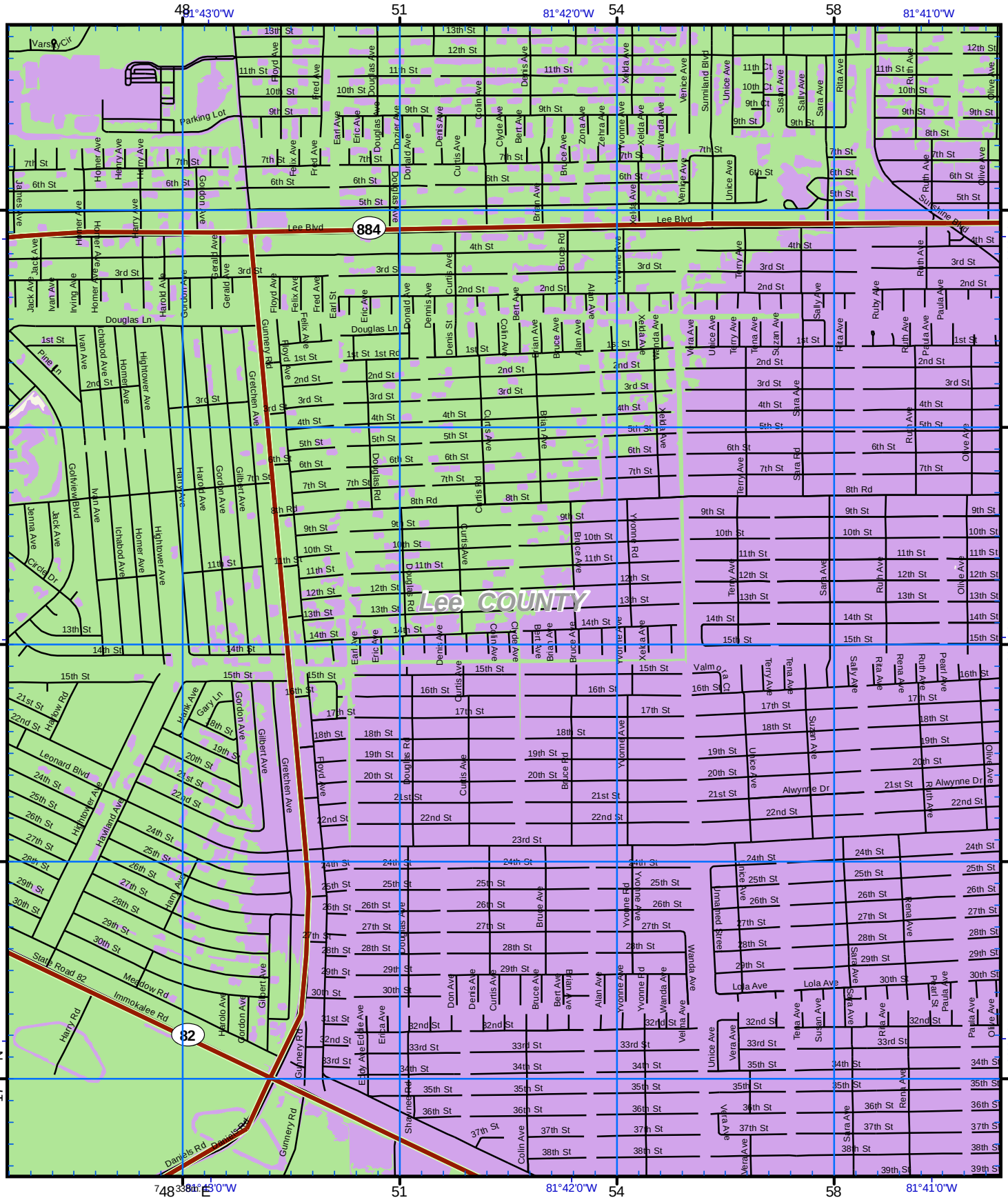
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid

100,000-m Square ID

MK

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 28 40**

Map Plate **92**

Page 109

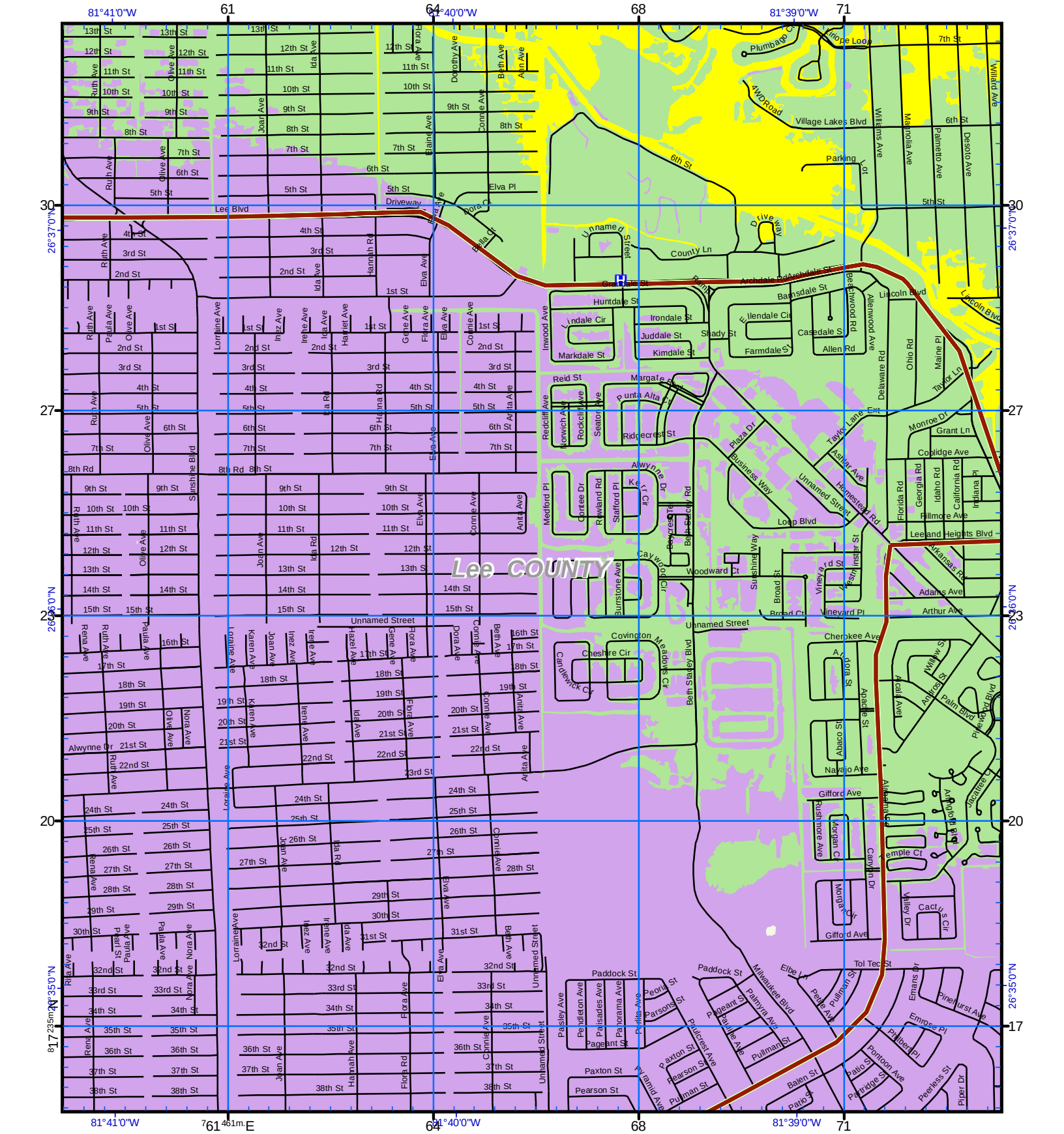
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5

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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010


Lee COUNTY
81°41'0"W
81°40'0"W
81°39'0"W
26°37'0"N
26°36'0"N
26°35'0"N
Lee Blvd
Unnamed Street
Unnamed Street
Unnamed Street

US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 36 40**

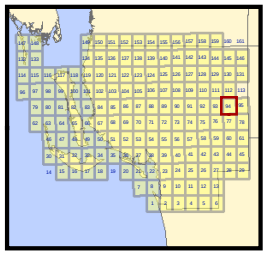
Map Plate **94**

Page 111

Legend

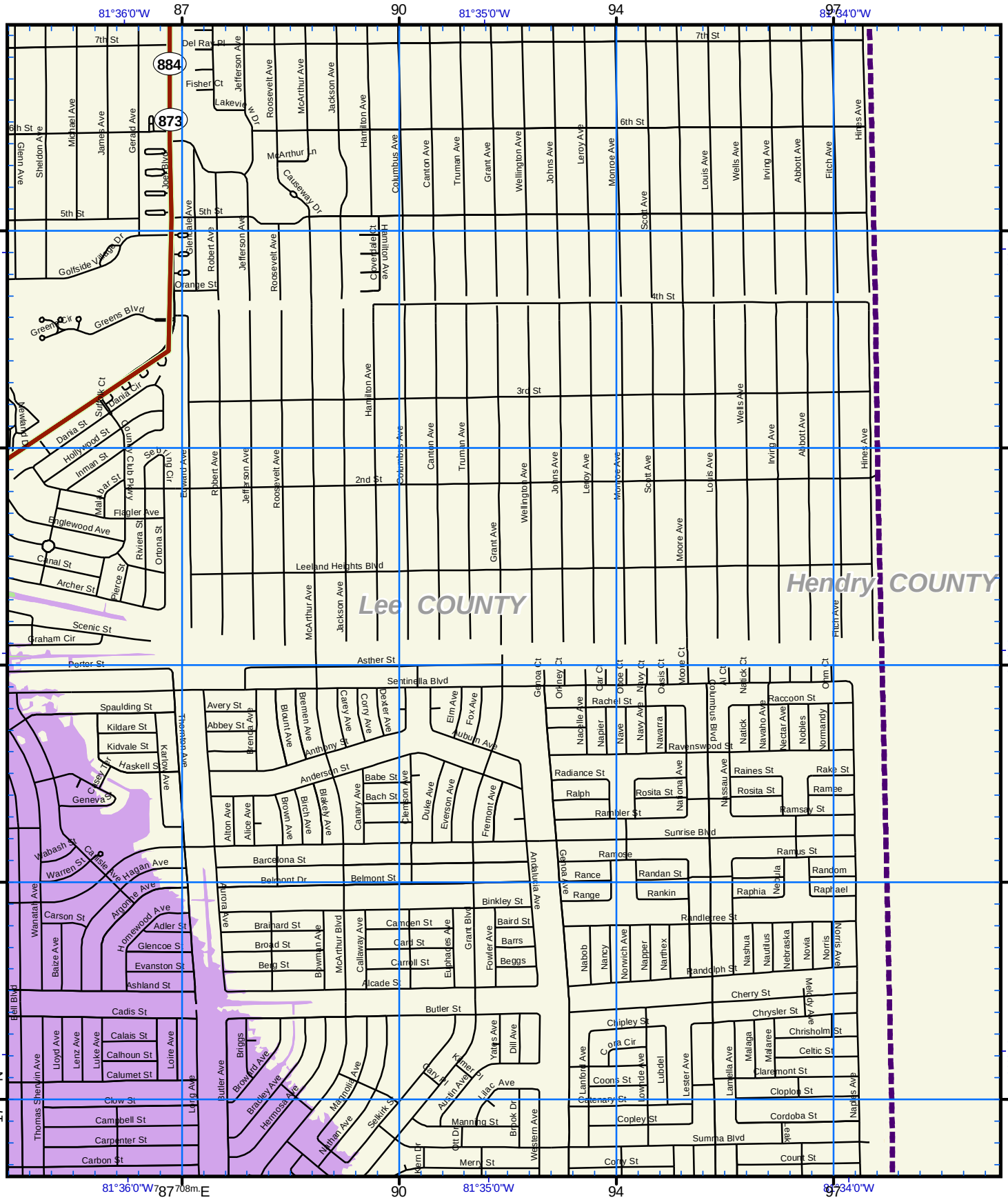
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid

100,000-m Square ID

MK

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet

0 2,000

USNG Page **17R MK 40 40**

Map Plate **95**

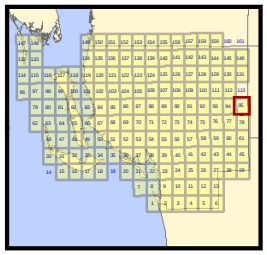
Page 112

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

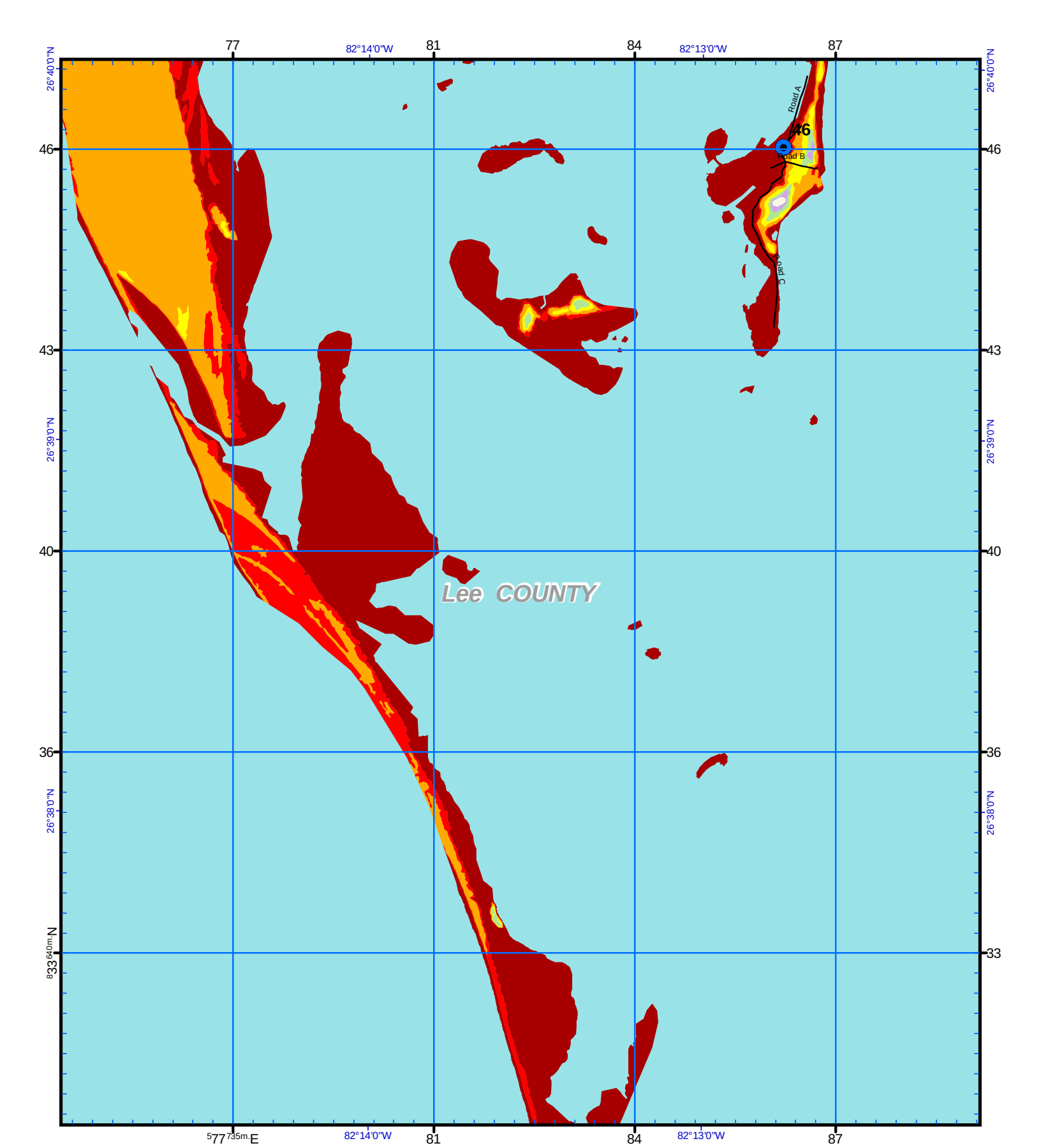
Cat

- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 76 45**

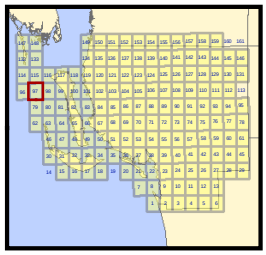
Map Plate **97**

Page 113

Legend

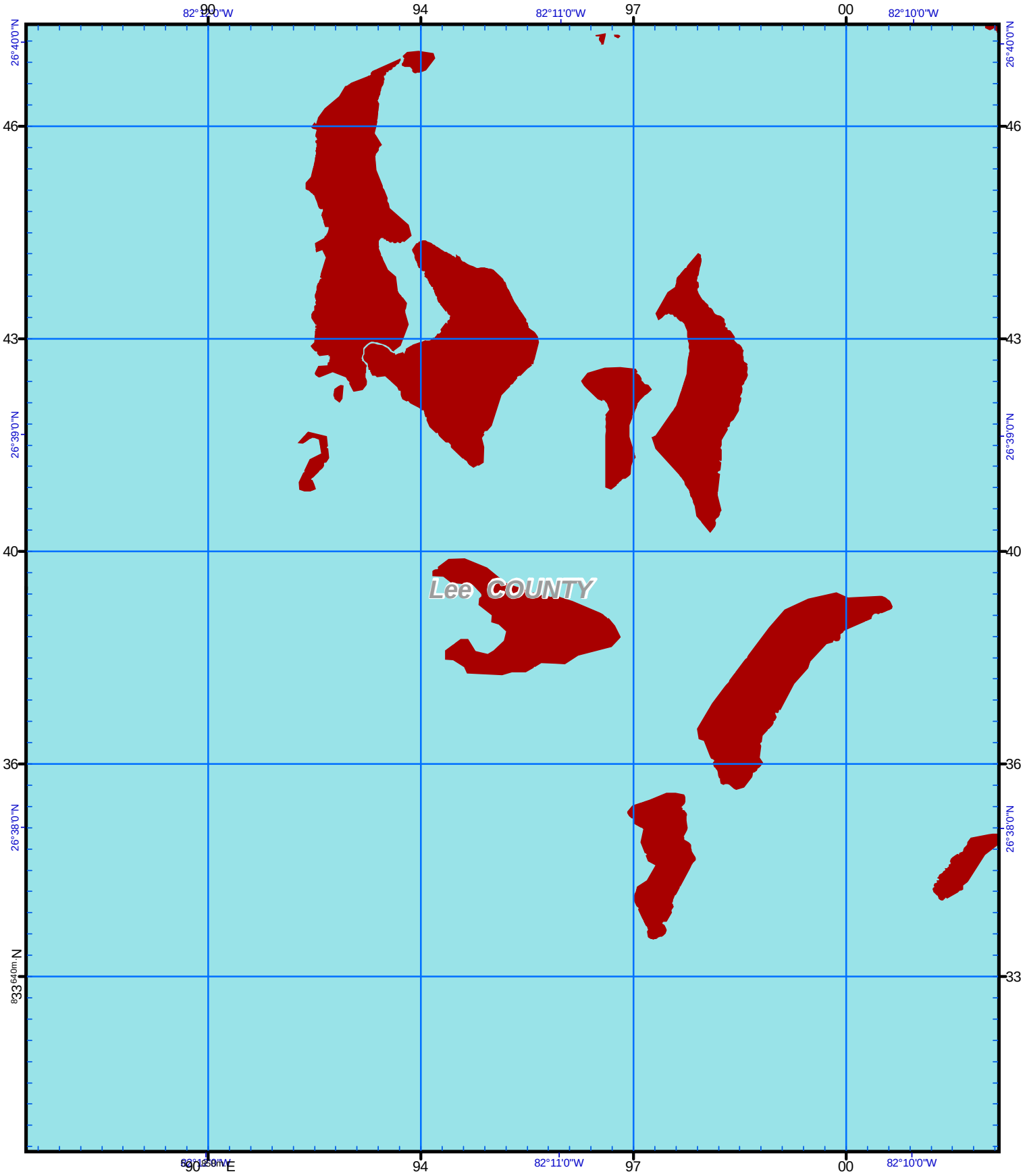
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 80 45**

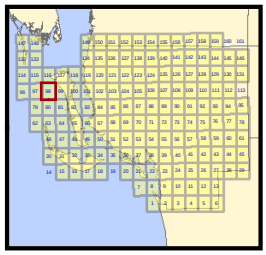
Map Plate **98**

Page 114

Legend

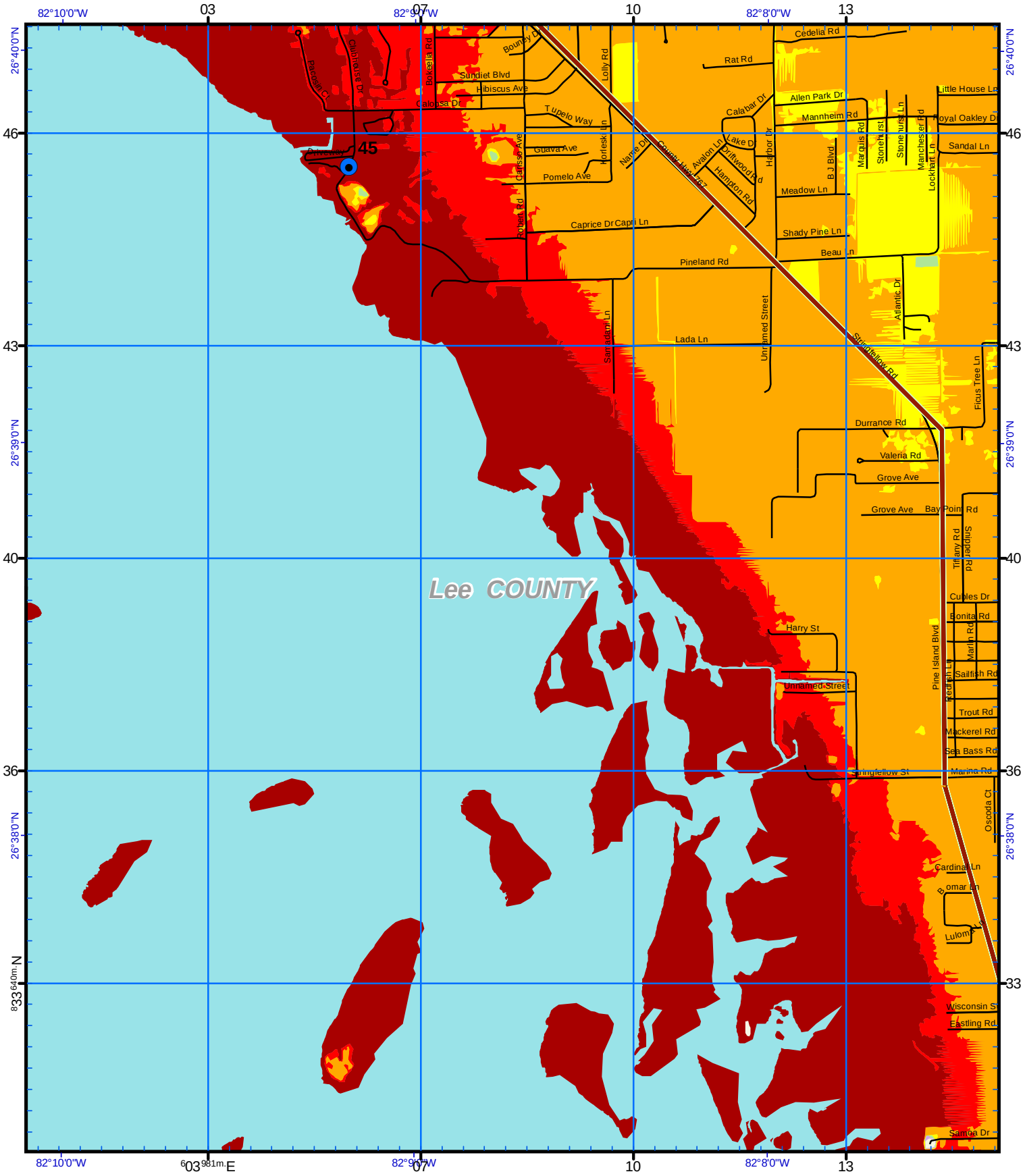
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 84 45**

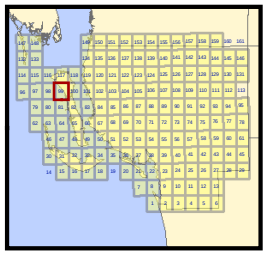
Map Plate **99**

Page 115

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid	
100,000-m Square ID	**LK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5'W per yr Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 88 45**

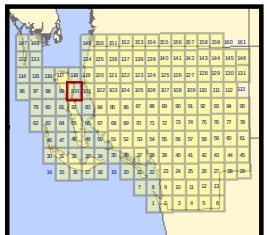
Map Plate **100**

Page 116

Legend

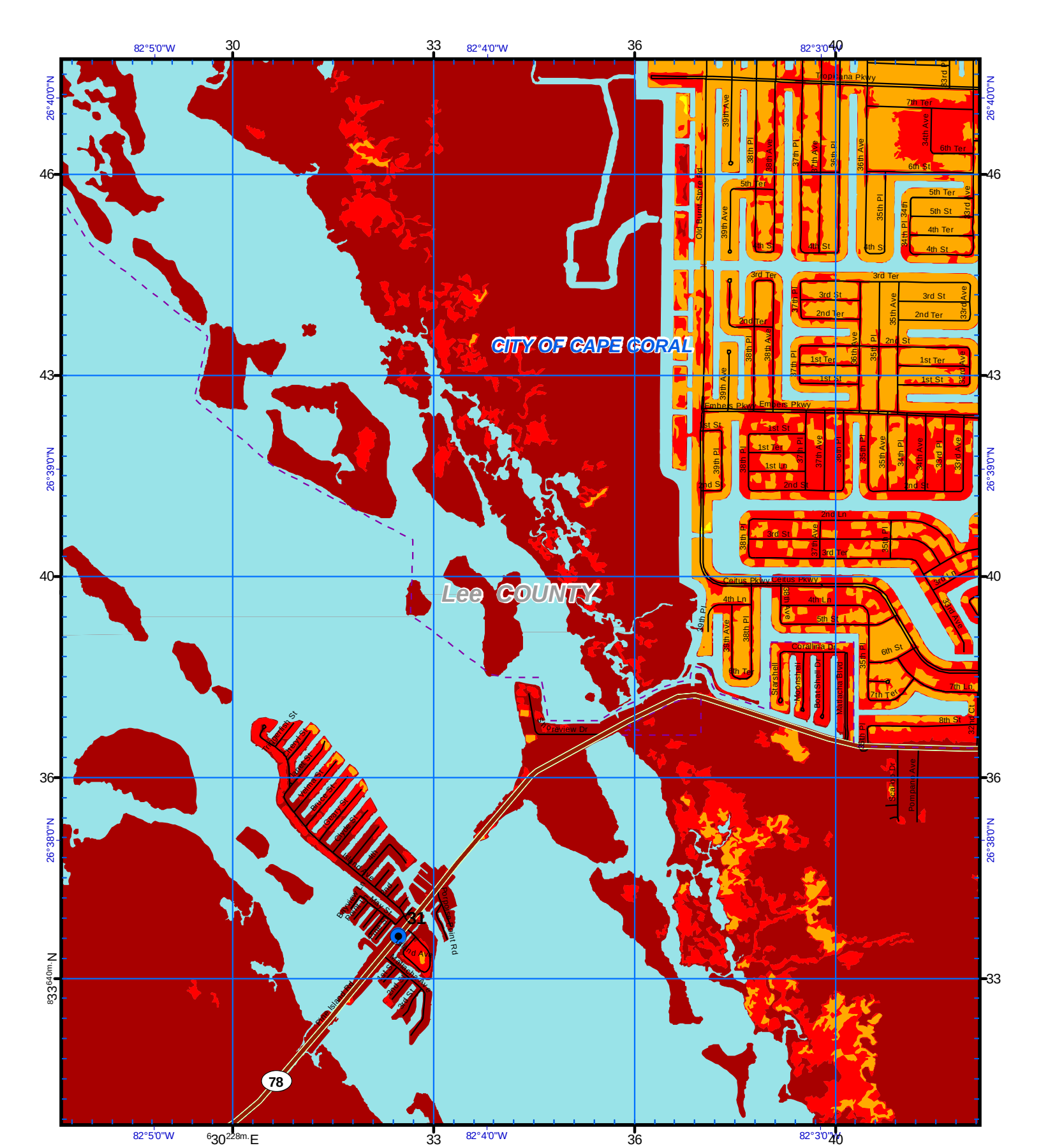
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
TS
1
2
3
4
5



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US National Grid

100,000-m Square ID

LK

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5'W per yr Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 92 45**

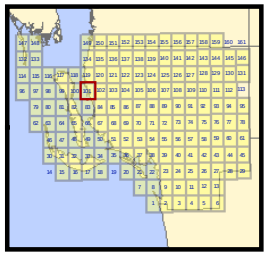
Map Plate **101**

Page 117

Legend

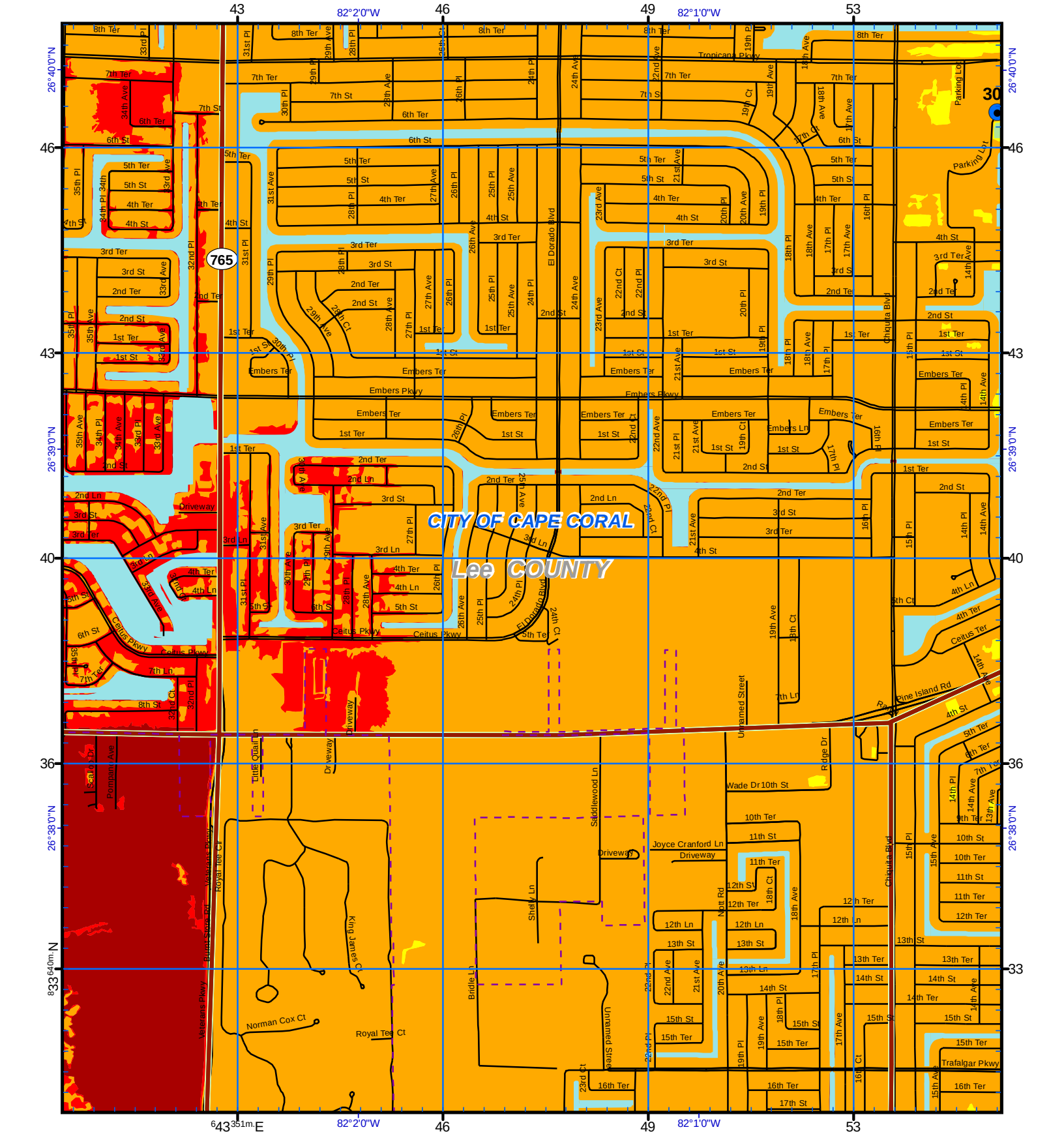
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**LK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet

0 2,000

USNG Page **17R LK 96 45**

Map Plate **102**

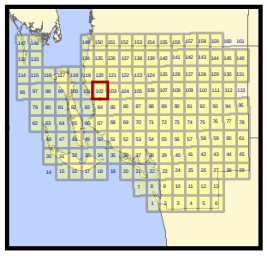
Page 118

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

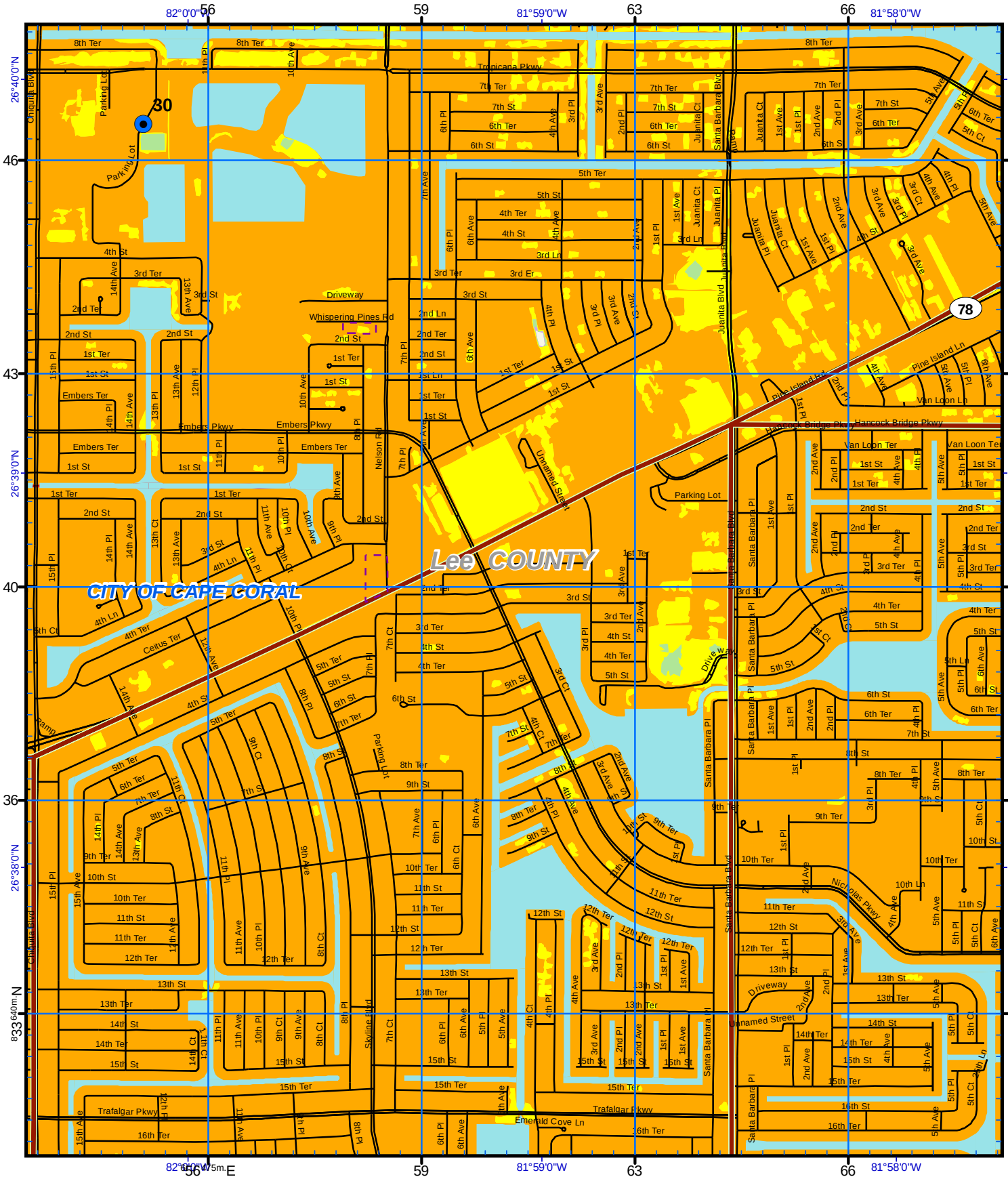
Cat

- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 00 45**

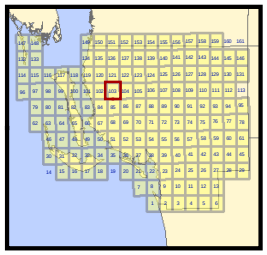
Map Plate **103**

Page 119

Legend

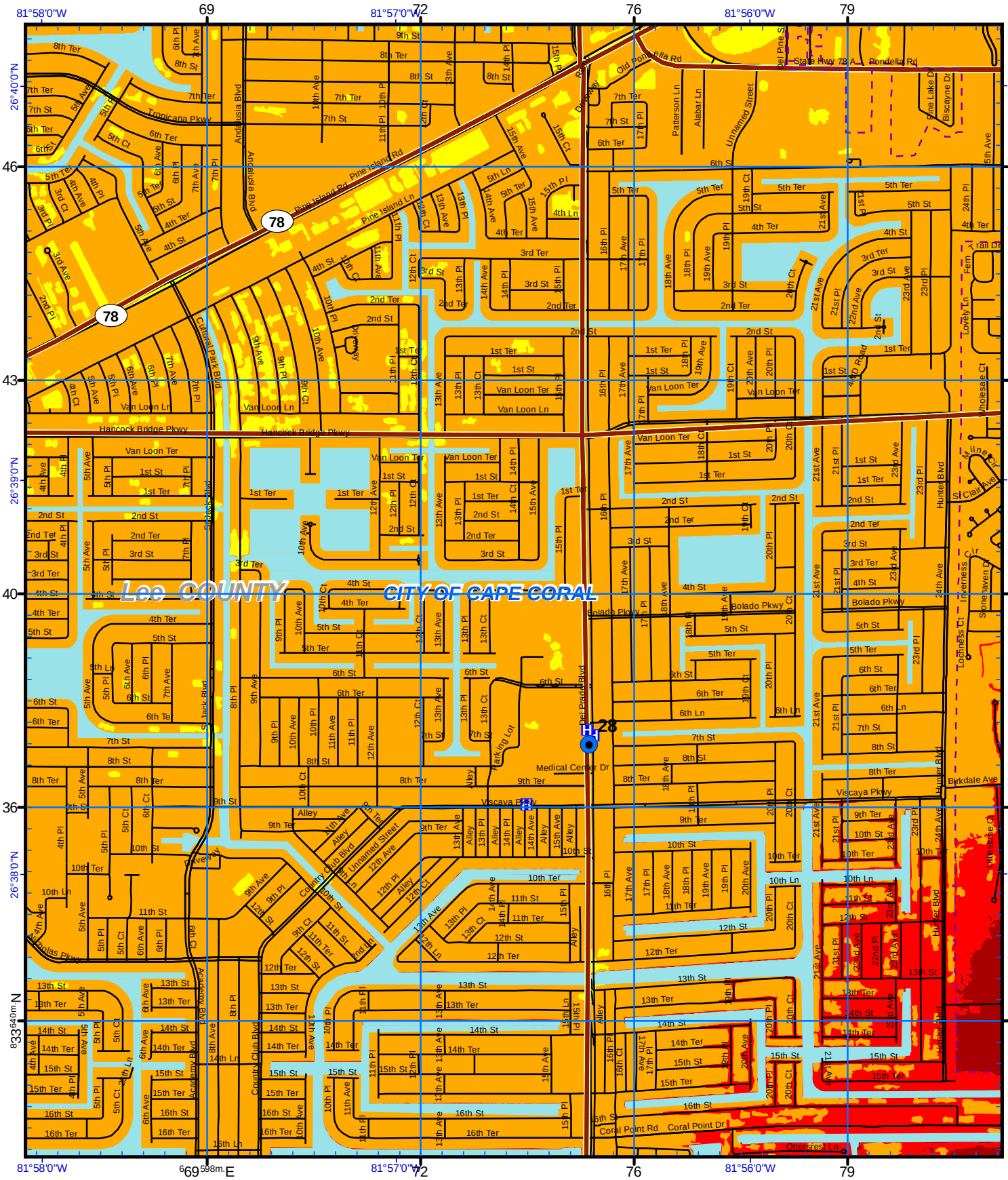
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

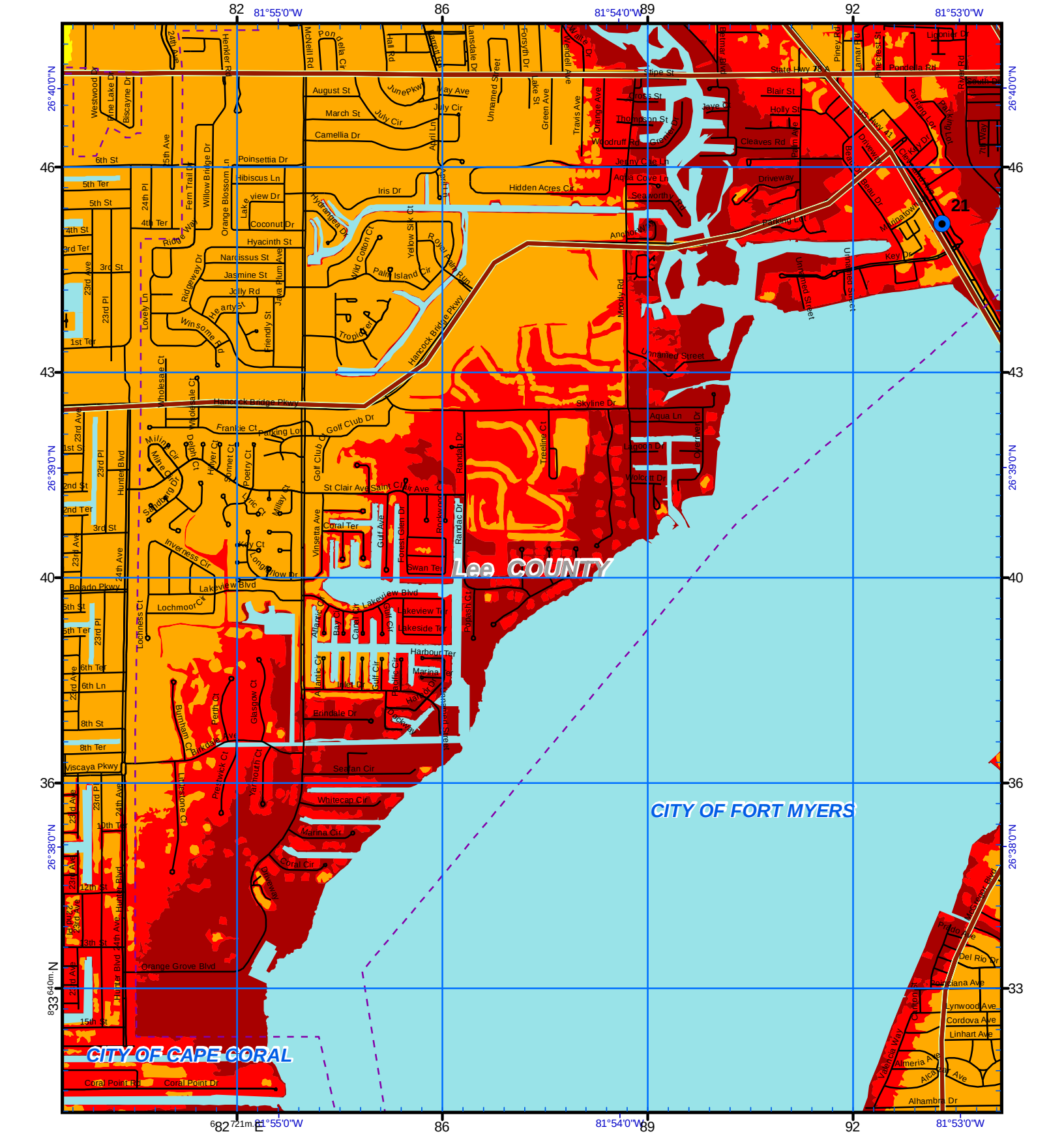
Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010


81°58'0"W
81°57'0"W
81°56'0"W
26°40'0"N
26°39'0"N
26°38'0"N
69
72
76
79
46
43
40
36
33
Lee COUNTY
CITY OF CAPE CORAL
Pine Island Rd
Tropicana Pkwy
Old Pondella Rd
State Hwy 78 A
Pondella Rd
Andalusia Blvd
Hancock Bridge Pkwy
Van Loon Ln
Van Loon Ter
Bolado Pkwy
Viscaya Pkwy
Medical Center Dr
Del Prado Blvd
Coral Point Rd
Coral Point Dr
Hunter Blvd
Birkdale Ave
Milne Blvd
Parking Lot
Unnamed Street
Country Club Blvd
Academy Blvd
Nicholas Pkwy
Cultural Park Blvd
78
28
8th Ter
9th St
7th Ter
7th St
6th Ter
6th St
5th Ter
5th St
4th Ter
4th St
3rd Ter
3rd St
2nd Ter
2nd St
1st Ter
1st St
13th St
14th St
15th St
16th St
16th Ter
Ottercrest Ln
St Clair Ave
Inverness Ct
Lochness Ct
Stonehaven Ct
Limestone Ct
Lovely Ln
Fern Trail Dr
Pine Lake Dr
Biscayne Dr
Del Pine St
Patterson Ln
Alabar Ln
Unnamed Street
Wholesale Ct
Hancock Bridge Pkwy
Van Loon Ter
Van Loon Ln
Bolado Pkwy
Viscaya Pkwy
Medical Center Dr
Coral Point Rd
Coral Point Dr
Hunter Blvd
Birkdale Ave
Milne Blvd
Parking Lot
Unnamed Street
Country Club Blvd
Academy Blvd
Nicholas Pkwy
Cultural Park Blvd
Andalusia Blvd
Tropicana Pkwy
Pine Island Rd
Old Pondella Rd
State Hwy 78 A
Pondella Rd
Del Pine St
Pine Lake Dr
Biscayne Dr
Patterson Ln
Alabar Ln
Unnamed Street
Wholesale Ct
Fern Trail Dr
Lovely Ln
Inverness Ct
Lochness Ct
Stonehaven Ct
Limestone Ct
St Clair Ave
Ottercrest Ln



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 08 45**

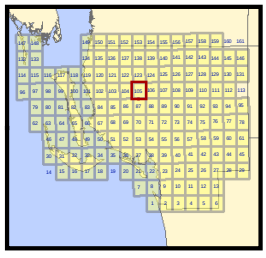
Map Plate **105**

Page 121

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Lee COUNTY
CITY OF FORT MYERS
81°53'0"W
81°52'0"W
81°51'0"W
26°40'0"N
26°39'0"N
26°38'0"N
26°33'0"N
95
99
02
05
46
43
40
36
33
21
22
23
20
41
45
80
82
739
Tamiami Trl
Edison Bldg
Caloosahatchee Bldg
Cleveland Ave
Palm Beach Blvd
Fowler St
Lee St
Thompson St
Hanson St
Canal St
Dr Martin Luther King Blvd
Anderson Ave
Edison Ave
Evans Ave
Broadway Ave
Central Ave
Royal Palm Ave
Jackson St
Alicia St
Crawford Ave
Market St
Lafayette St
Franklin St
Willard St
Dora St
Katherine St
Jeffcott St
South St
Stella St
Maple Ave
Linhart Ave
Kurtz St
Maltman St
Meadow Ave
Montclaire Ave
Powell St
Cocos Ave
Industrial Ave
Gwynne St
Wright St
Brown St
Pauldo St
Cubs St
Carver Ave
Fountain St
French St
Davis St
Ben St
Henderson Ave
Highland Ave
Midway Ave
Ford St
Work Dr
Dixie Pkwy
Grand Ave
Columbus St
Congress St
Nelson St
McGregor Blvd
Tournament St
Virginia Ave
Edwards Dr
Bay St
Hendry St
Main St
2nd St
Lime St
Economy St
Dale St
Eastland St
Fountain St
Cox St
Knight St
Palm Ave
Lillie St
High St
Raleigh Ave
Billie St
Michigan Ave
Apache St
Guava St
Margo St
Indian St
Blount St
Lemon St
Providence St
Seaboard St
Commerce Ave
Alley
Edgewood Ave
Peninsula Ave
Railroad St
Tanner St
Julia St
Short St
Terry St
Terry Ave
Marion St
Kentucky Ave
Turner St
Unnamed Street
East Riverside Dr
Riverside Dr
Gardenia Dr
Brookhill Dr
Lockwood Dr
Ave Oak Dr
Henderson Ave
Stannes Ave
Maryland Ave
Fleet Ct
B St
C St
Douglas Ave
Price Ave
Lincoln Blvd
Dunbar Ave
Thomas Ave
Kerney St
Larmie St
Blake St
Handy Ct
Bassie Ct
Armstrong Ct
Ellington Ct
Saint Charles St
Willard St
Franklin St
Franklin Ct
Dora St
Katherine St
Canal St
Hoople St
Victoria Ave
Liberty St
Union St
Peck St
Cottage St
Monroe St
Heitman St
Broadway Ave
Jackson St
Lane Ave
Edison Ave
Menlo Rd
Monte Vista St
Marilyn Rd
Alabmore Rd
Llewellyn Dr
Oak Ln
Sandra Dr
Manuela Dr
Pride Ave
Rio Ave
Del Rio Dr
Driveway
Lynwood Ave
Cordova Ave
Barcelona Ave
Almeria Ave
Alhambra Dr
Valencia Way
Cortez Blvd
Magnolia St
Holly Rd
McCann St
Maple Ave
Linhart Ave
Canal St
Hanson St
Gwynne St
Industrial Ave
Cocos Ave
Powell St
Meadow Ave
Montclaire Ave
Broadway Ave
Calvin Blvd
Maltman St
Kurtz St
Nelson St
Columbus St
Congress St
Dixie Pkwy
Grand Ave
Broadway
Royal Palm Ave
Central Ave
Jackson St
Alicia St
Crawford Ave
Evans Ave
Market St
Lafayette St
Willard St
Franklin St
Dora St
Katherine St
Jeffcott St
South St
Stella St
Hoople St
Victoria Ave
Liberty St
Union St
Peck St
Cottage St
Monroe St
Heitman St
Crawford

Lee COUNTY
CITY OF FORT MYERS
08
12
15
18
81°50'0"W
81°49'0"W
26°40'0"N
26°39'0"N
26°38'0"N
46
43
40
36
33
Riverside Dr
Julia St
Tampa St
Railroad St
Unnamed Street
Terry St
Short St
Terry Ave
Mariola St
Patrick Ave
Kentucky Ave
Rose Ave
Lura Ave
Palmetto Ave
Live Oak Dr
Lockwood St
Brookhill Dr
Garderia Dr
Bell Dr
Lura Dr
Diego St
Clara St
Maria St
Michigan Ave
Parking Dr
Driveway
Henderson Ave
Apache St
B St
Fleet Ct
C St
Sanibel Ave
Maryland Ave
Fountain St
Dale St
Eastland St
Anderson Ave
Carolyn Ave
Kaine Ave
Coahatchee St
French St
Lincoln Blvd
Davis St
Ben St
Thomas St
Handy Ct
Bassie Ct
Armstrong Ct
Ellington Ct
Martin Ct
Shirley St
Willard St
Franklin St
Dora St
South St
Stella St
Katherine St
Canal St
Gwynne St
Highland Ave
Hanson St
Nidway Ave
Driveway
Palmetto Ave
Nick St
Suntrust Dr
Jean Marie Ct
Unnamed Street
Mayflower Rd
Edison Ave
Wausau Rd
Hale Ct
Mitchell Ct
Bexley Blvd
Davis Ct
Simon Ct
Dupree St
Towles St
Barden St
Flint St
Flint Dr
Rockfill Rd
Jacksonville St
Arcadia St
Driveway
Parking Lot
1st St A
1st St B
1st St C
1st St D
Michigan Ct
Markley Ct
Cummins Ct
Ramp
Driveway
Ortiz Rd
Ortiz Ave
County Hwy 865
Dr Martin Luther King Blvd
MLK Blvd
Dividend Dr
Park St Dr
Watts Rd
Exit 138
Exit 136
75
12
Driveway
Unnamed Street
Bruce Herd Ln
Loop Rd
Canal St
Hanson St
Edison Ave
Wausau Rd
Nick St
Suntrust Dr
Jean Marie Ct
Mayflower Rd
Unnamed Street
Driveway
Arcadia St
Driveway
Canal St
Arcadia St
Bruce Herd Ln
Loop Rd
Cotton Dr
River Dr
Edgewood Ave
Seminole Ct
Polk St
Driveway
Seminole Ave
Riverview Trace Ct
Edward St
Palm Beach Blvd
Van Buren St
New St
Adams Ave
Prospect Ave
Wood Ave
New York Dr
Lynneda Ave
Ione Ave
Carolina Ave
Figueira St
Steward Dr
Detar Way
Glenwood Ave
Armeda Ave
Greenwood Ave
Scott Ave
Fairview Ave
Howell Circle Dr
Unnamed Street
Maple Ct
Tammie Ln
Lauth Ln
Dean St
Ortiz Cir
Division Dr
Cherokee Ave
Iroquois Ave
Pine St
Woodside Ave
Desoto Ave
Desoto Ave
Washington Ave
Washington Ave
Madison Ave
Bell St
Bell St
Lora St
Belmont St
Pearl St
Ruderman St
Oleander Ave
Van Buren St
Ballard Pl
Pine St
Unnamed Street
Nuna Ave
Zana Dr
Jamila Ln
Cayce Ln
Gayce Ln
Delana Ln
Jeannie Ln
Archie Ln
Gary Dr
Billys Creek Dr
Corporation Cir
Enterprise Pkwy
Arlington Ave
Sumter Dr
Windsor Dr
Nottingham Dr
Howard St
Hunters Green Dr
Sherry St
Luckett Rd
Plaza Dr
Federal Ct
Jupiter St
Jupiter Dr
Mars St
Galaxy Dr
Golden Lane Rd
Hamilton Dr
Dryde Cir
New York Ave
New York Ave
New York Ave
Priscilla Ln
Marsh Ave
Caesar Cir
Skipton Cir
Siesta Ln
Granada St
Hacienda Blvd
Poinsettia Dr
Ohio Ave
Ohio Ave
Diana Ave
Diana Ave
Hillsboro Ave
Alpha Dr
Demere Cir
Meadowview Cir
Ballard Rd
Louise Ave
Eugenia Ave
Lucille Ave
Clotilde Ave
Zapata St
Zapata Ave
Marland Ave
Maria St
Michigan Ave
Apollo St
Herman Ave
Squirrel Hill Ct
Wheaton Ct
Manassas Ct
Corning Ct
Laredo Ave
Laredo Rd
Kim Ln
High Cotton Ln
Driveway
Arcadia St
Driveway
Driveway
Arcadia St
Driveway
Arcadia St
Driveway
Arcadia St

US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
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3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 20 45**

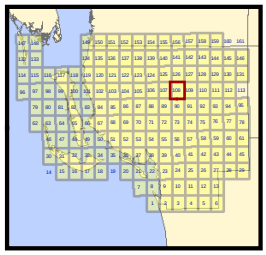
Map Plate **108**

Page 124

Legend

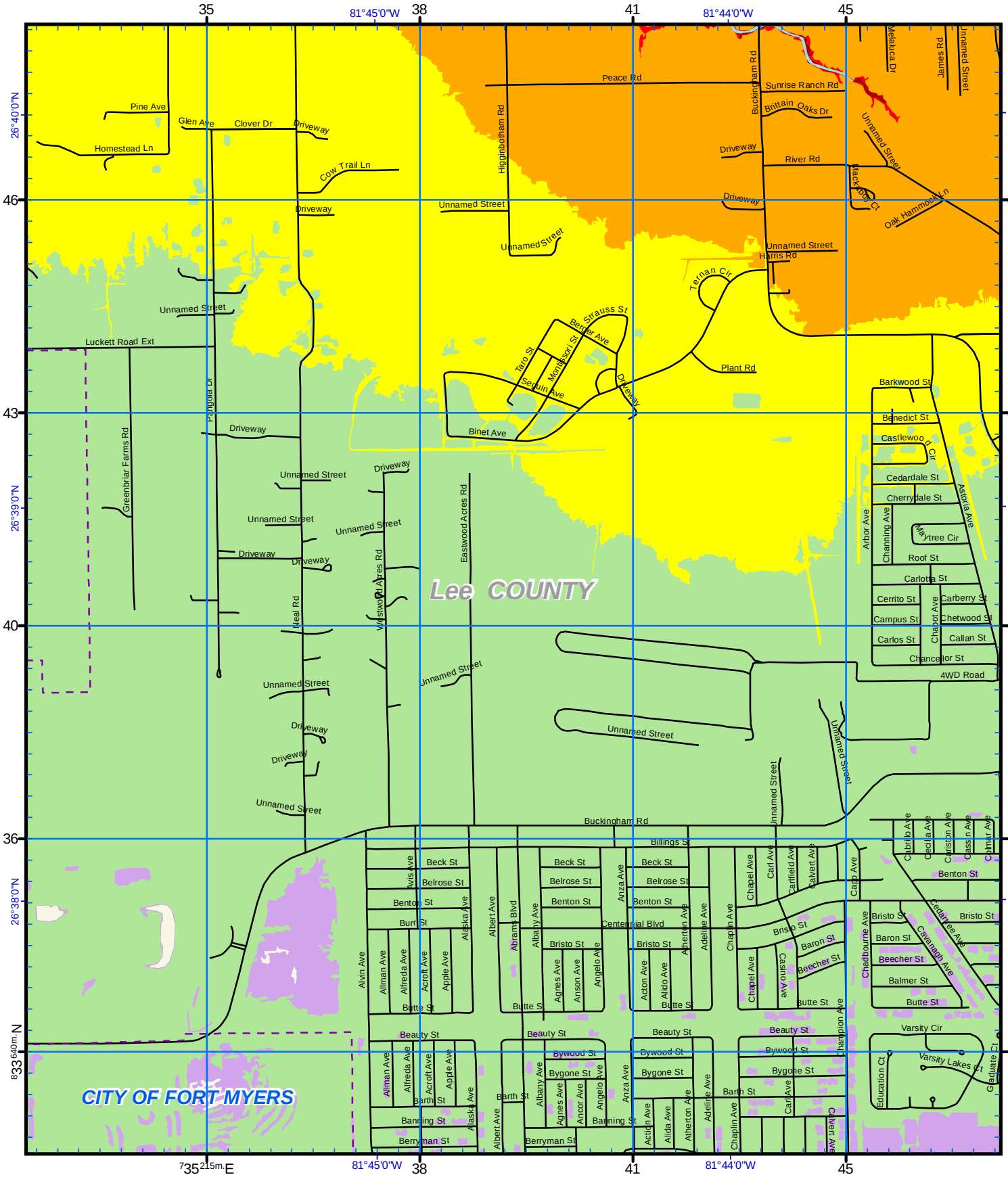
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 24 45**

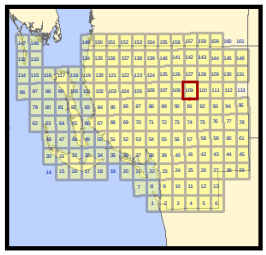
Map Plate **109**

Page 125

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 28 45**

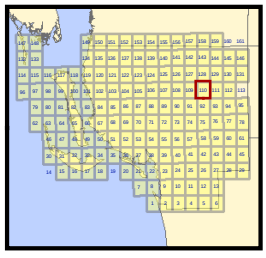
Map Plate **110**

Page 126

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet

0 2,000

USNG Page **17R MK 32 45**

Map Plate **111**

Page 127

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5

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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet

0 2,000

USNG Page **17R MK 36 45**

Map Plate **112**

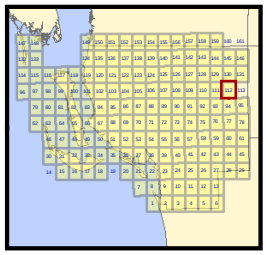
Page 128

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

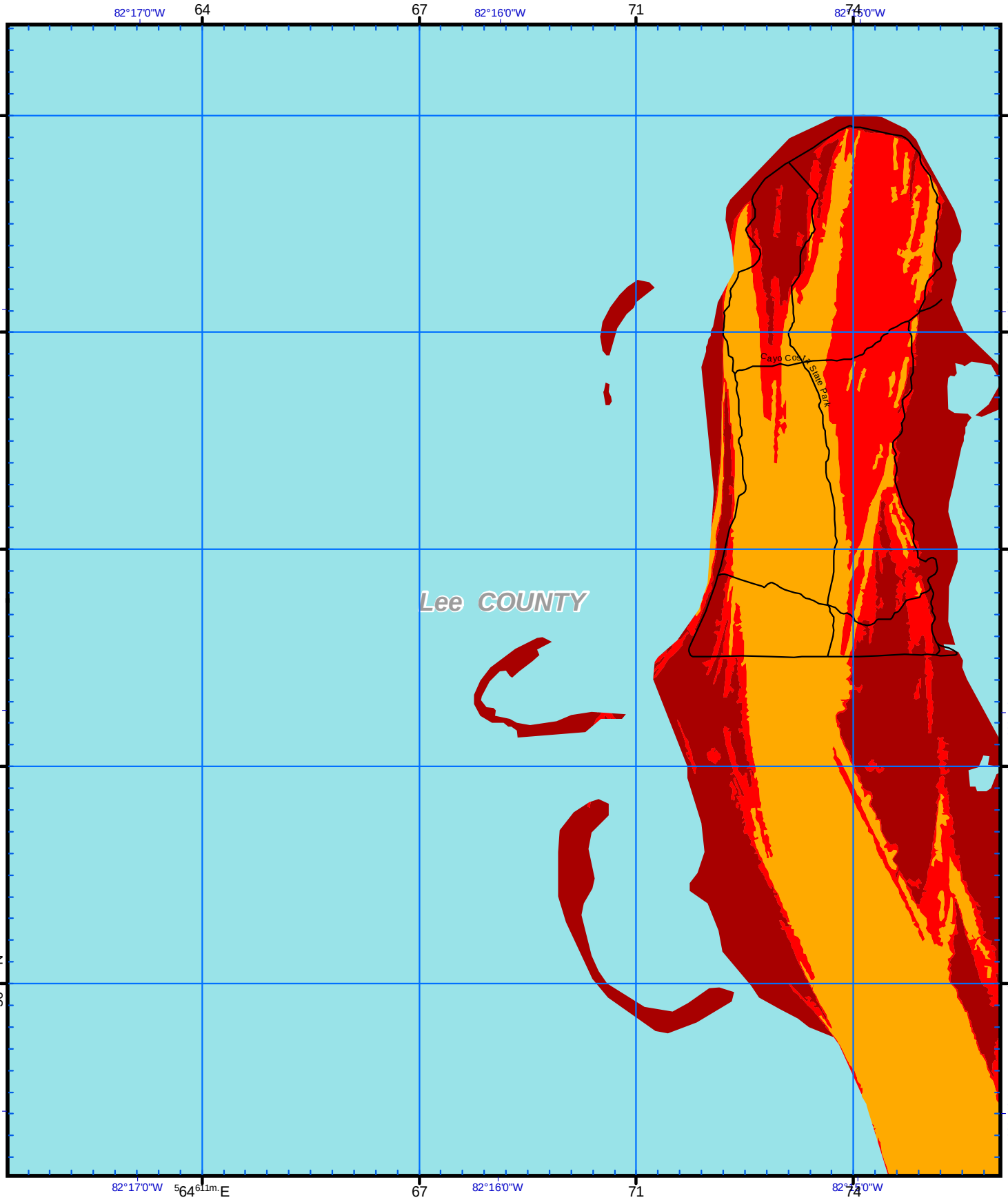
Cat

- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4° 31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 72 50**

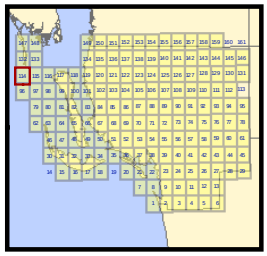
Map Plate **114**

Page 129

Legend

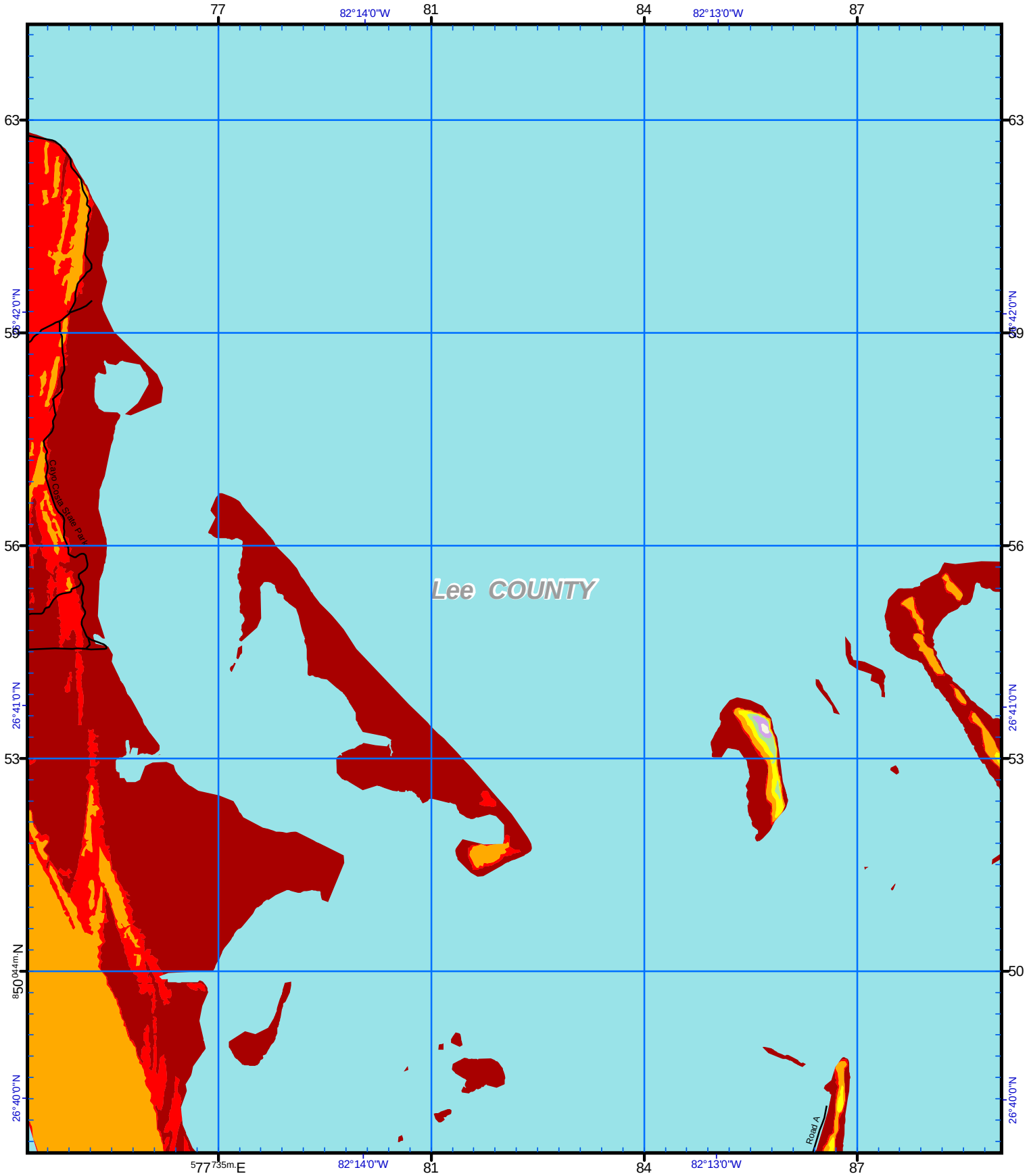
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
LK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 76 50**

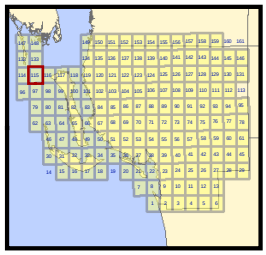
Map Plate **115**

Page 130

Legend

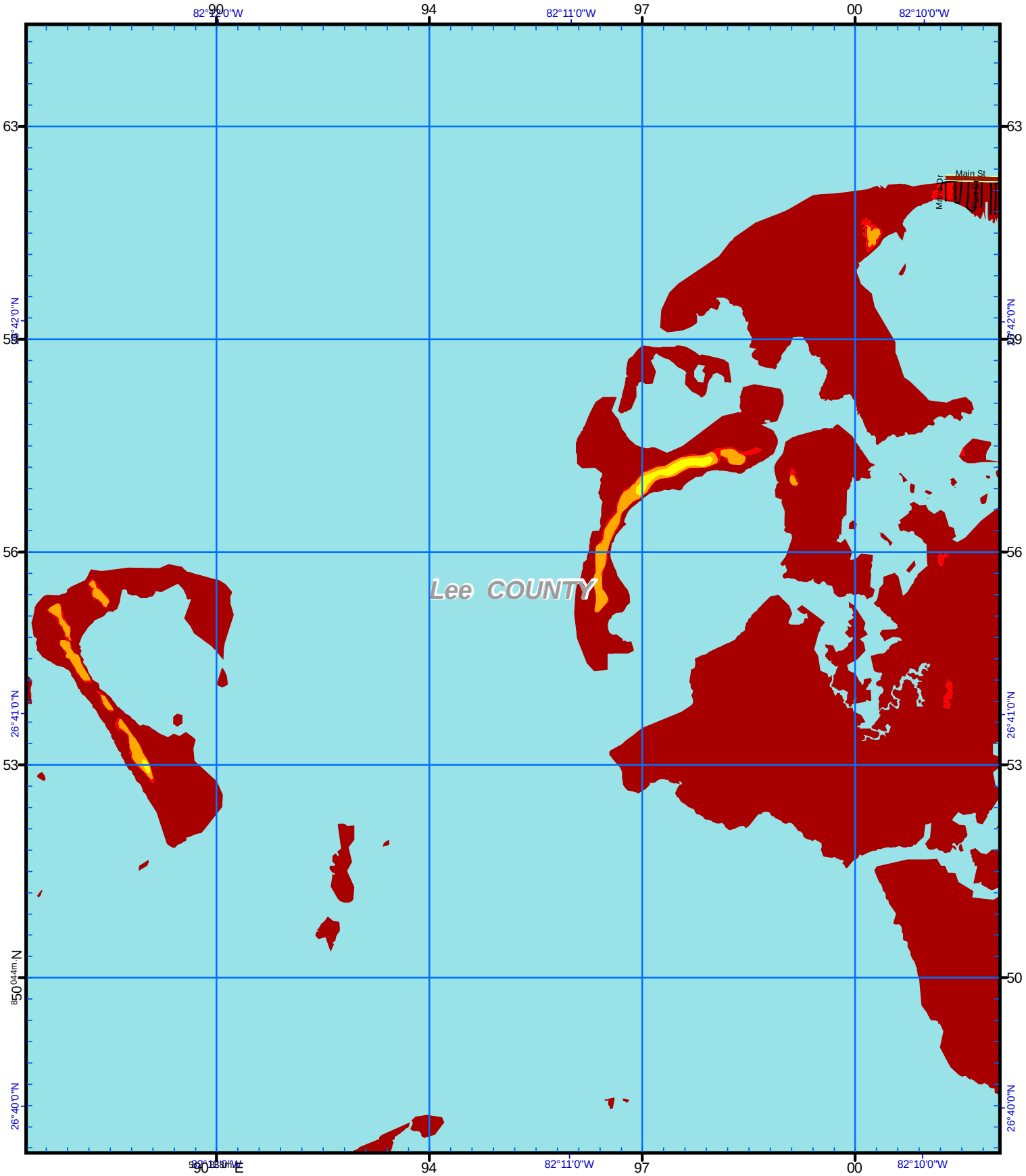
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 80 50**

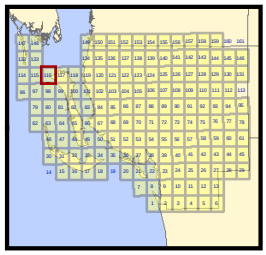
Map Plate **116**

Page 131

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4° 31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 84 50**

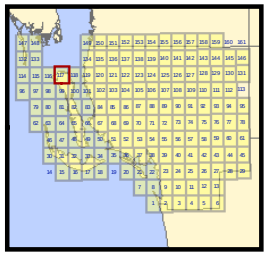
Map Plate **117**

Page 132

Legend

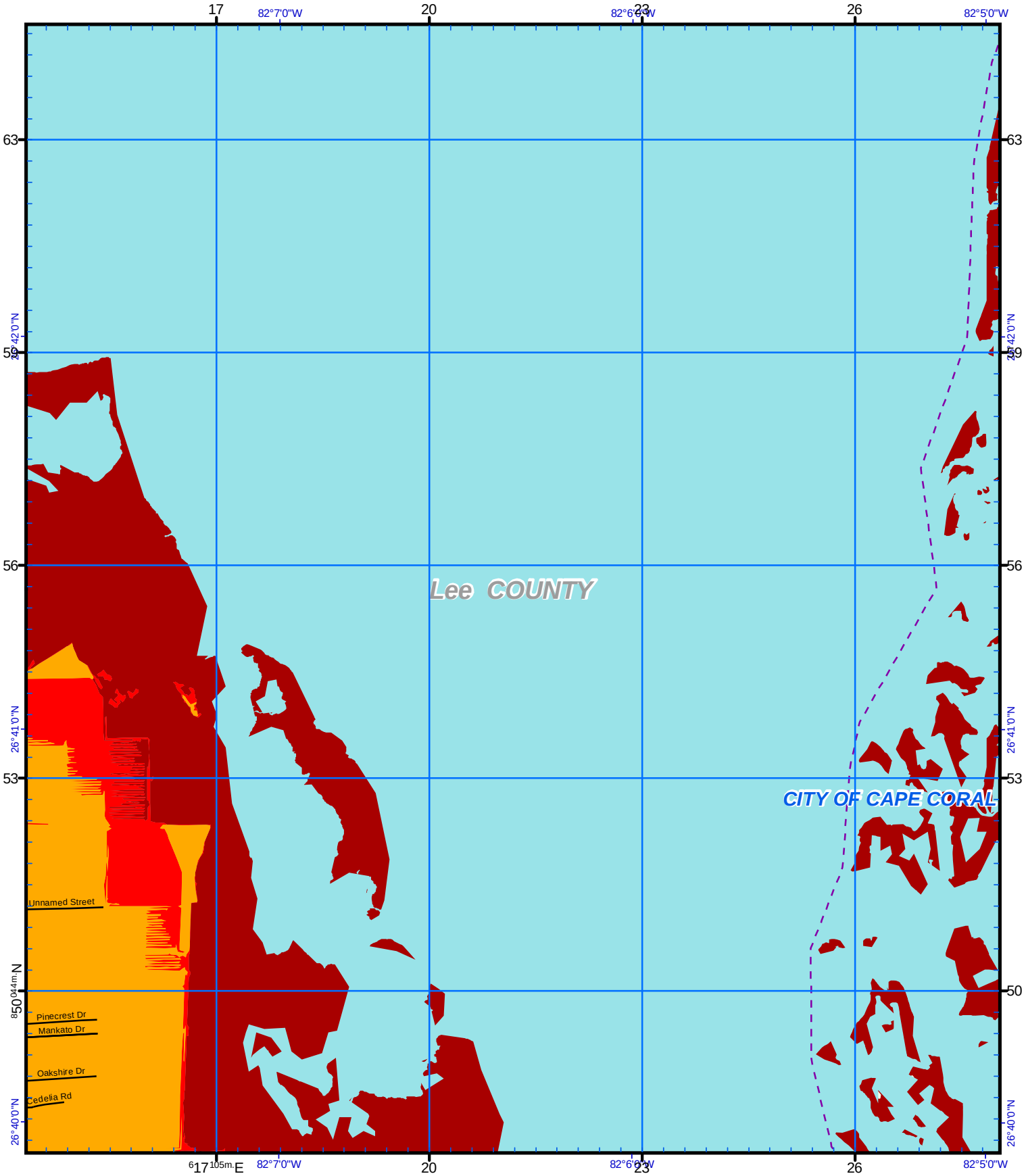
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 88 50**

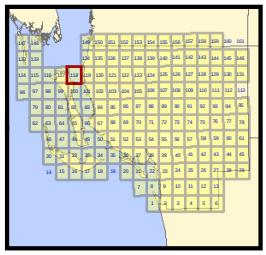
Map Plate **118**

Page 133

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 92 50**

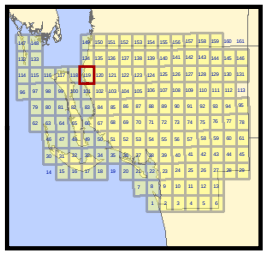
Map Plate **119**

Page 134

Legend

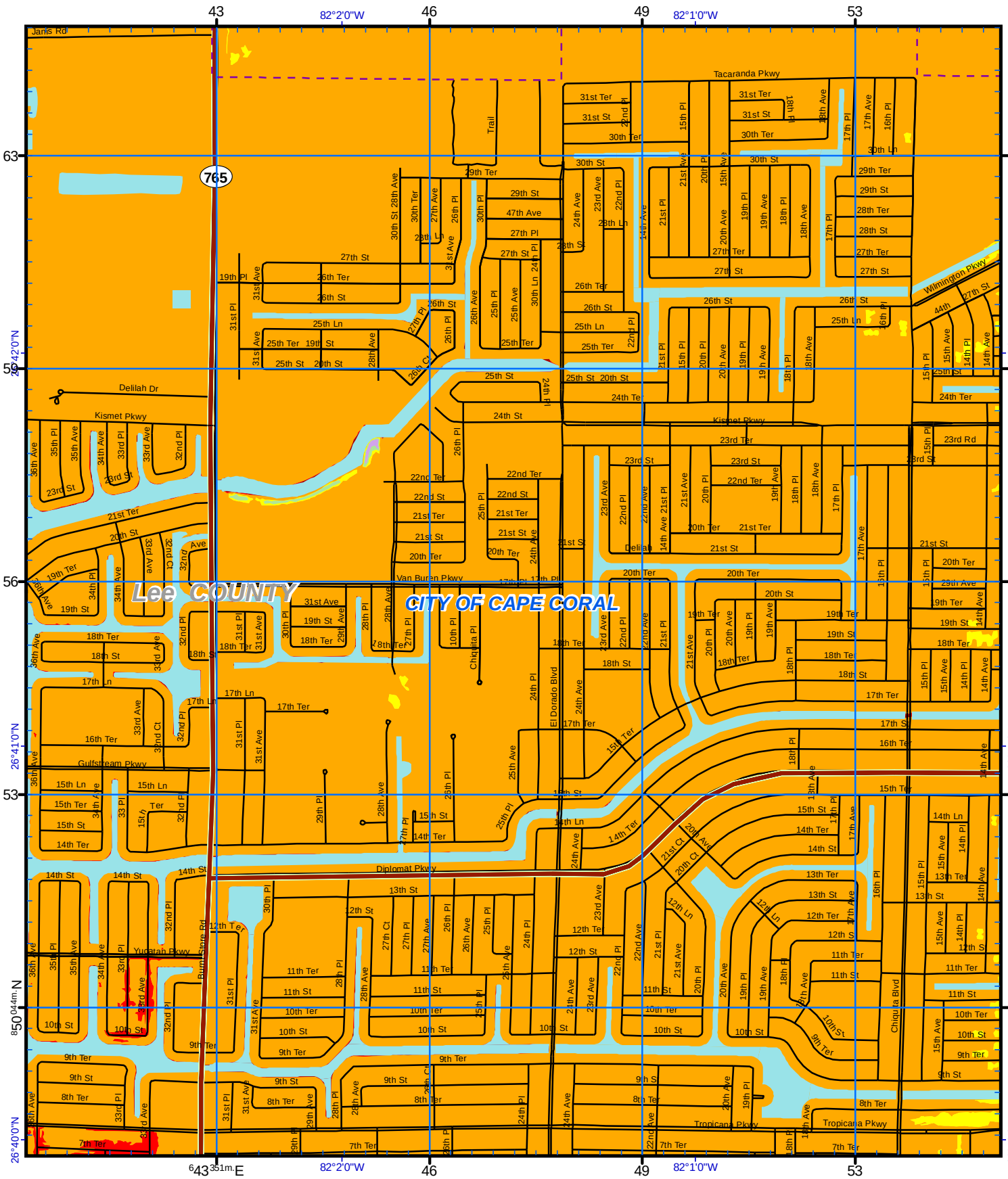
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R LK 96 50**

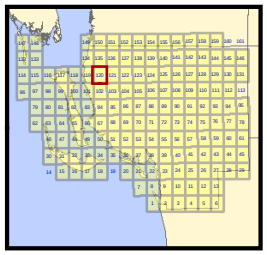
Map Plate **120**

Page 135

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet

0 2,000

USNG Page **17R MK 00 50**

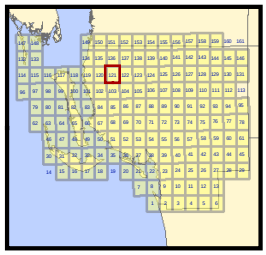
Map Plate **121**

Page 136

Legend

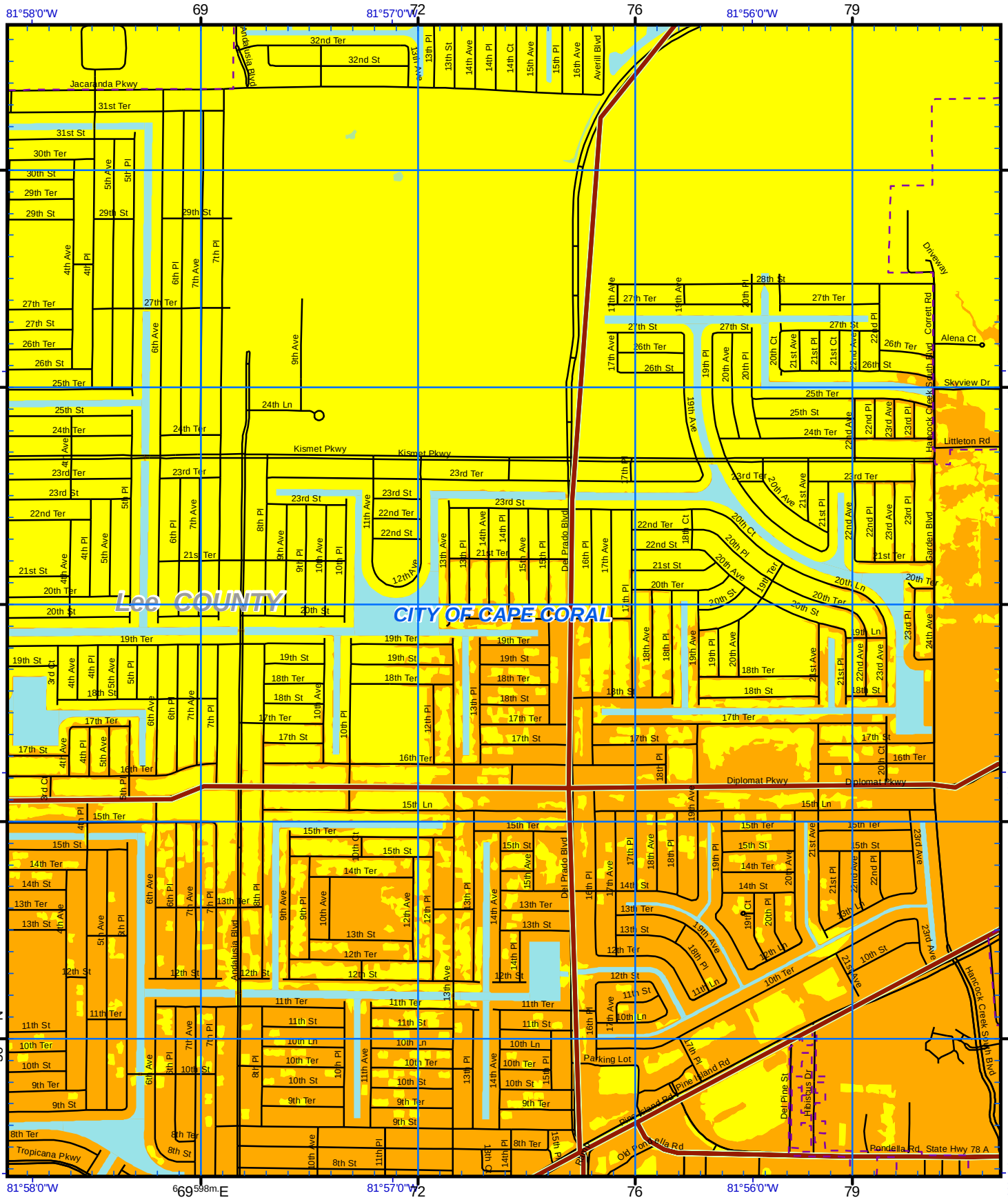
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 04 50**

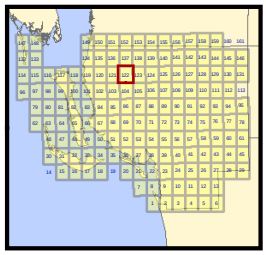
Map Plate **122**

Page 137

Legend

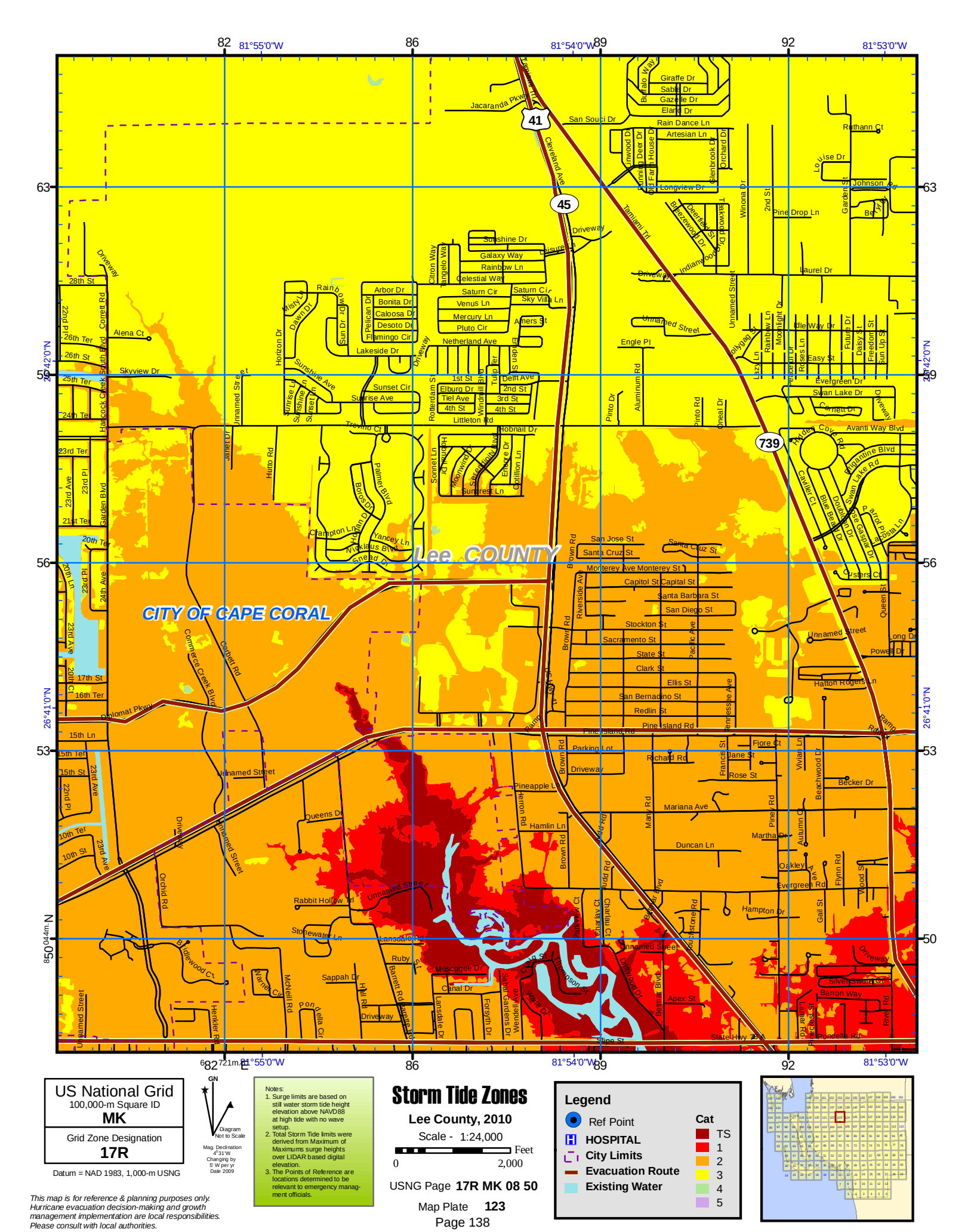
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

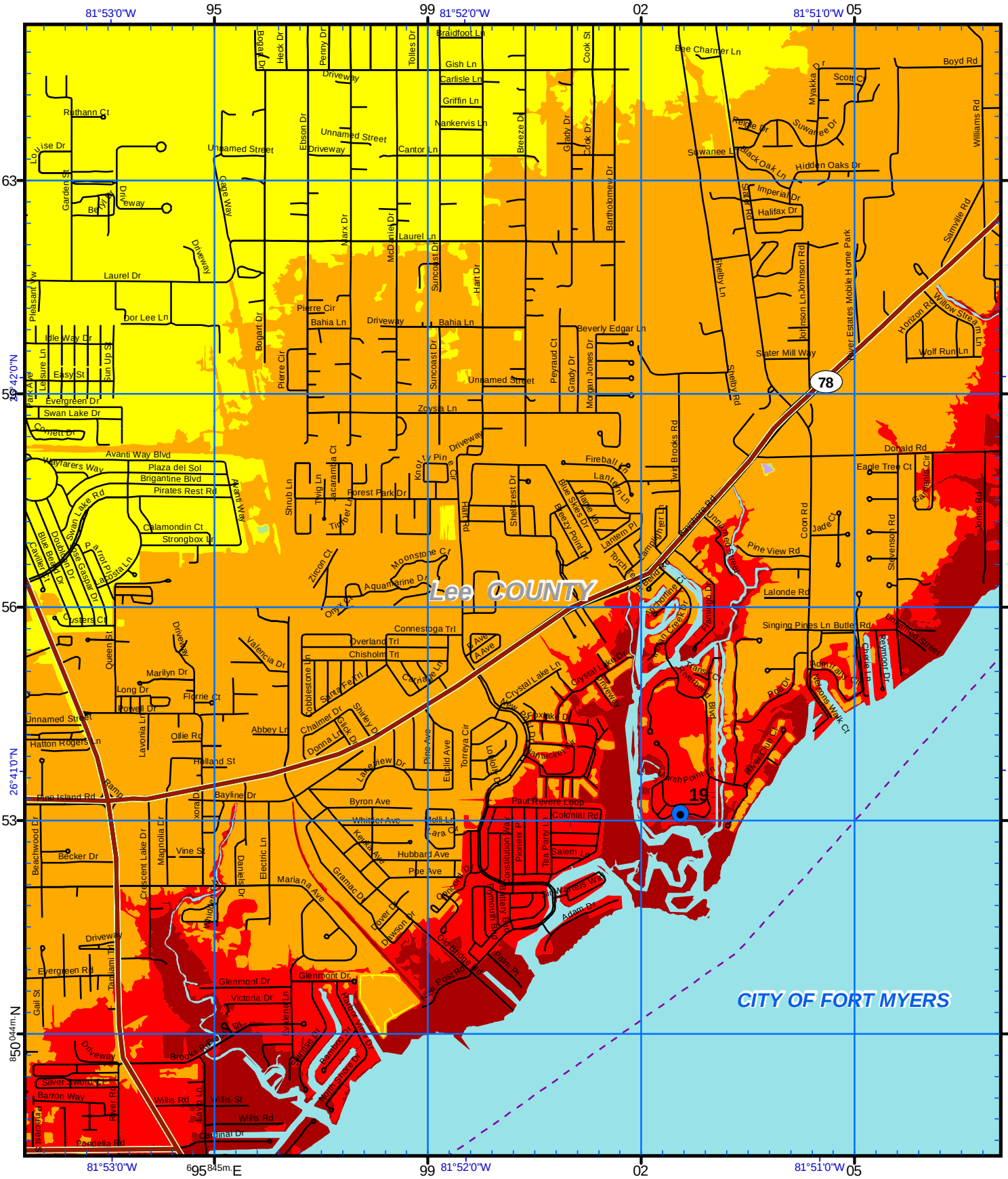
Cat
- TS
- 1
- 2
- 3
- 4
- 5

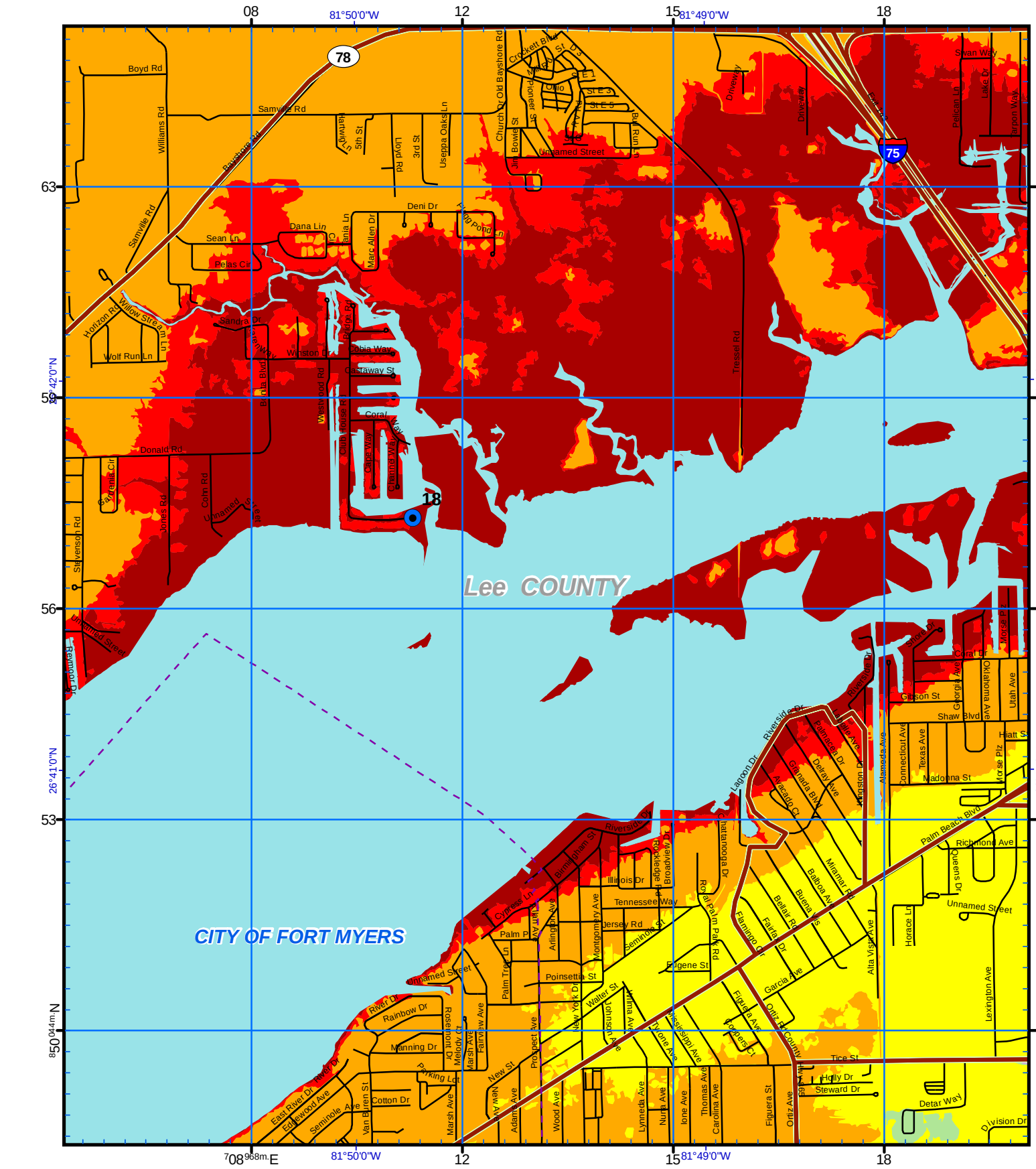


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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010


Lee COUNTY
CITY OF CAPE CORAL
Cleveland Ave
Tamiami Trl
Jacaranda Pkwy
Diplomat Pkwy
Pine Island Rd
Skyview Dr
Sunset Cir
Sunrise Ave
Lakeside Dr
Netherland Ave
Littleton Rd
Hobnail Dr
Trevino Ct
Palmer Blvd
Clampton Loman Dr
Mucklaus Blvd
Sneed Ave
Commerce Creek Blvd
Corbett Rd
Unnamed Street
Queens Dr
Rabbit Hollow Trl
Stonewater Ln
Lansdale Rd
Orchid Rd
Bridlewood Ct
Henkler Rd
Sappah Dr
Muscogee Dr
Canal Dr
Barrett Rd
Ruby Ln
McNeill Rd
Pondella Cir
Hall Rd
Driveway
Brown Rd
Riverside Ave
Pineapple Ln
Heron Rd
Hamlin Ln
Mariana Ave
Duncan Ln
Martha Dr
Richard Rd
Parking Lot
Francis St
Jane St
Rose St
Fiore Ct
Vivian Ln
Beachwood Dr
Becker Dr
Pinery Rd
Autumn Ct
Oakley Ave
Evergreen Rd
Flynn Rd
Wood St
Gail St
Hampton Dr
Tennessee Ave
Pacific Ave
Stockton St
Sacramento St
State St
Clark St
Ellis St
San Bernadino St
Redlin St
Monterey Ave
Capitol St
Santa Barbara St
San Diego St
San Jose St
Santa Cruz St
Queen St
Oysters Ct
Hatton Rogers Ln
Powell Dr
Long Dr
Unnamed street
Ramp
Ramp
Parking Lot
Driveway
Unnamed Street
Unnamed Street
Unnamed Street


Lee COUNTY
CITY OF FORT MYERS
78
19
81°53'0"W
81°52'0"W
81°51'0"W
26°42'0"N
26°41'0"N
95
99
02
05
63
59
56
53
50
Ruthann Ct
Louise Dr
Garden Dr
Bel Air Dr
Driveway
Laurel Dr
Pleasant View
Dor Lee Ln
Idle Way Dr
Park Ave
Leisure Ln
Easy St
Sun Up St
Evergreen Dr
Swan Lake Dr
Connett Dr
Avanti Way Blvd
Wayfarers Way
Plaza del Sol
Brigantine Blvd
Pirates Rest Rd
Swan Lake Rd
Avanti Way
Calamondin Ct
Strongbox Ln
Blue Beach Dr
Doubloon Dr
Parrot Pista Ln
Crawfish Ln
Oysters Ct
Queen St
Marilyn Dr
Long Dr
Florrie Ct
Powell Dr
Unnamed Street
Hatton Rogers Ln
Lavonia Ln
Ollie Rd
Holland St
Fiesta Ln
Fiesta Island Rd
Bayline Dr
Beachwood Dr
Becker Dr
Crescent Lake Dr
Magnolia Dr
Vine St
Electric Ln
Daniels Dr
Evergreen Rd
Tanliami Trl
Gail St
Glenmont Dr
Victoria Dr
Brooks Rd
Silver Sword Ct
Barron Way
River Rd
Willis Rd
Willis St
Cardinal Dr
Pondella Rd
Bogart Dr
Heck Dr
Penny Dr
Tolles Dr
Braidfoot Ln
Gish Ln
Carlisle Ln
Griffin Ln
Nankervis Ln
Cantor Ln
Elson Dr
Unnamed Street
Driveway
Gayle Way
Marx Dr
McDaniel Dr
Laurel Ln
Suncoast Dr
Hart Dr
Pierre Cir
Bahia Ln
Zoysia Ln
Forest Park Dr
Shrub Ln
Twig Ln
Jacaranda Ct
Tiger Lily Ln
Knot Pin Cir
Shellcrest Dr
Rabun
Zircon Ct
Moonstone Ct
Aquamarine Dr
Onyx Ct
Connestoga Trl
Overland Trl
Chisholm Trl
Cobblestone Ln
Santa Fe Trl
Carriage Ln
Valencia Dr
Chalmer Dr
Donna Lee Ct
Shirley Ct
Abbey Ln
Lake View Dr
Eufaula Ave
Pine Ave
Torreya Cir
Byron Ave
Whittier Ave
Kekela Ave
Hubbard Ave
Pine Ave
Mariana Ave
Granada Dr
Dover Dr
Dawson Dr
Oxford Dr
Concord Dr
Old Bridge Rd
Mail Post Rd
Palm Pl
Sunrise Ln
Bamboo Dr
North Shore Dr
Rainer Way Dr
Evamena Ln
Glenmont Dr
Beverly Edgar Ln
Peyraud Ct
Grady Dr
Morgan Jones Dr
Suncoast Dr
Unnamed Street
Zoysia Ln
Driveway
Fireball Ln
Lantern Ln
Blue Skies Dr
Breezy Point Dr
Plane Jo
Lantern Pl
Torch Ln
Lampwicher Ln
Evamena Rd
Will Brocks Rd
Shelby Ln
Shelby Rd
Slater Mill Way
Johnson Ln
Johnson Rd
River Estates Mobile Home Park
Bee Charmer Ln
Boyd Rd
Scott Ct
Myakka Dr
Suwanee Dr
Suwanee Ln
Black Oak Ln
Hidden Oaks Dr
Imperial Dr
Halifax Dr
Williams Rd
Samville Rd
Horizon Rd
Willow Street Ln
Wolf Run Ln
Donald Rd
Eagle Tree Ct
Gardenia Cir
Jones Rd
Stevenson Rd
Coon Rd
Jade Ct
Pine View Rd
Lalonde Rd
Singing Pines Ln
Butler Rd
Unnamed Street
Raymond Dr
Charlie Ln
Adam Tarry Ct
Newbrooke Walk Ct
Pea Ct
Byrd Court Ct
Marsh Point Dr
Transit Ct
Powerline Blvd
Franklin Dr
Robert Trent Jones Dr
Anchorage Dr
Yacht Club Dr
Crystal Lake Dr
Crystal Lake Ln
Driveway
Paul Revere Loop
Colonial Rd
Tea Party Ln
Salem Ln
Pioneer P
Constitution Way
Liberty Memorial Dr
Commonwealth Dr
Sandwiters Way
Adam Dr
Ramp
Driveway
Driveway
Driveway



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 16 50**

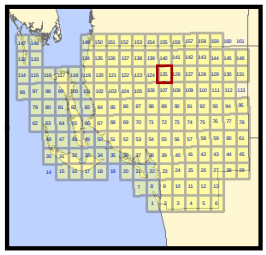
Map Plate **125**

Page 140

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

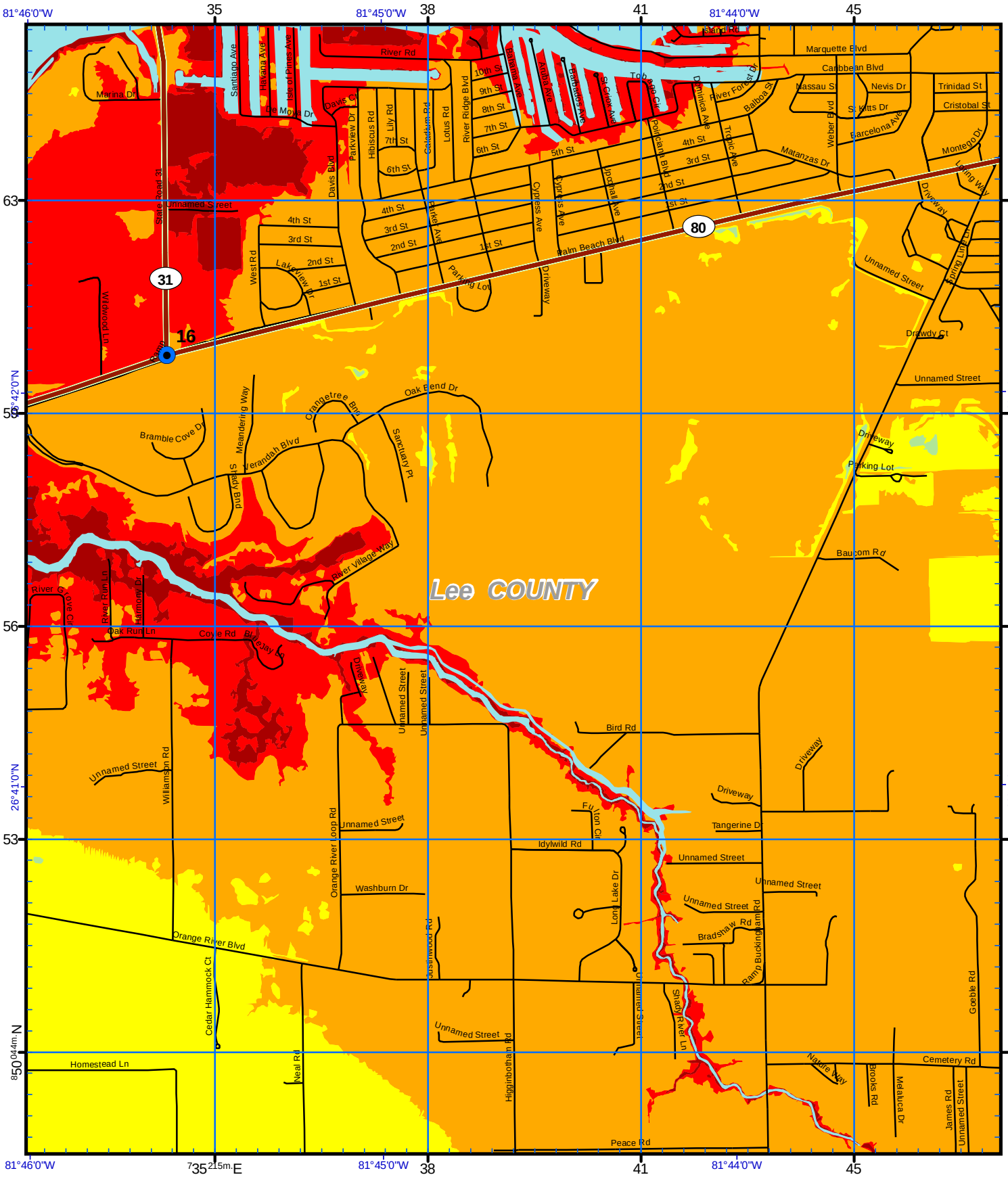
Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Lee COUNTY
81°48'0"W
81°47'0"W
81°46'0"W
26°42'0"N
26°41'0"N
22
25
28
31
78
80
75
17
Bayshore Rd
Palm Beach Blvd
Orange River Blvd
Tice St
Homestead Ln
Unnamed Street
Verandah Blvd
Dusty Trl
Driveway
Joppa Ln
Luxuriance Street
Little River Ln
Hammer's Ln
Irish Ln
Long Rd
Little Creek Dr
Little Creek Ln
Ellis Rd
Woodbrier Dr
Boatways Rd
Sabal Ln
Palm Ln
Northwind
Southwind
Canal St
Orange Blvd
Sabal Main
Settler Dr
Ottumwa Ave
Muskegon Ave
Lorraine Dr
Oasis Park Rd
Buell Dr
Sailview Ct
Villa Dr
Lakeside Club Blvd
Brick Rd
Nupine Dr
Blackberry Dr
Richmond Ave
Carol Dr
Lynn Dr
Queens Dr
Dogwood Ln
Horace Ln
Unnamed Street
Lexington Ave
Workmen Way
Driveway
Fiddleleaf Dr
Sugarberry Way
Sugarmill Springs Dr
Detar Way
Division Dr
Country Lakes Dr
Country Lakes Driveway
Lils Ln
Unnamed Street
Wes Mar Rd
Detar Rd
Prevatt Ln
Bowers Ln
Unnamed Street
Stacy Rd
Katmar Dr
River Grove Ln
Hutton Ln
FPL Access Rd
Unnamed Street
Gibson St
Shaw Blvd
Hiatt St
Maynard St
Louise St
Coral Dr
Georgia Ave
Utah Ave
Maine Ave
Morse Plz
Texas Ave
Madonna St
Exit 141
Schneider Dr
Riverside Dr
Lake Candee Dr
Orange Harbor Dr
Sun Cir
Hamlin Dr
Tangerine Ln
Ash St
Laurel St
Shortcut
Canal St
Snook Ln
Channel D
Driveway
Joppa Ln
Driveway
Dusty Trl
Unnamed Street
Luxuriance Street
Palm Beach Blvd
Verandah Blvd
Unnamed Street
Driveway
Wildwood Ln
Marina Dr
Bay Pointe Blvd
Castleview Dr
Waters Edge Cir
Palm Creek Dr
Driveway
Laurelin Ct
Carolyn Ln
Wayzata Ct
Upriver Dr
Unnamed Street
Unnamed Street
McSpadden Rd
West Dr
East Dr
Swan Way
Lake Dr
Pelican Ln
Tarpon Way
River Grove Cir
River Run Ln
Harmony Dr
Unnamed Street
Unnamed Street
Unnamed Street



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 24 50**

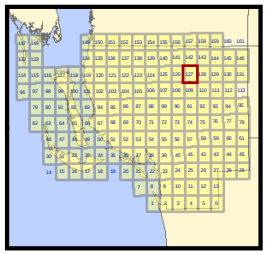
Map Plate **127**

Page 142

Legend

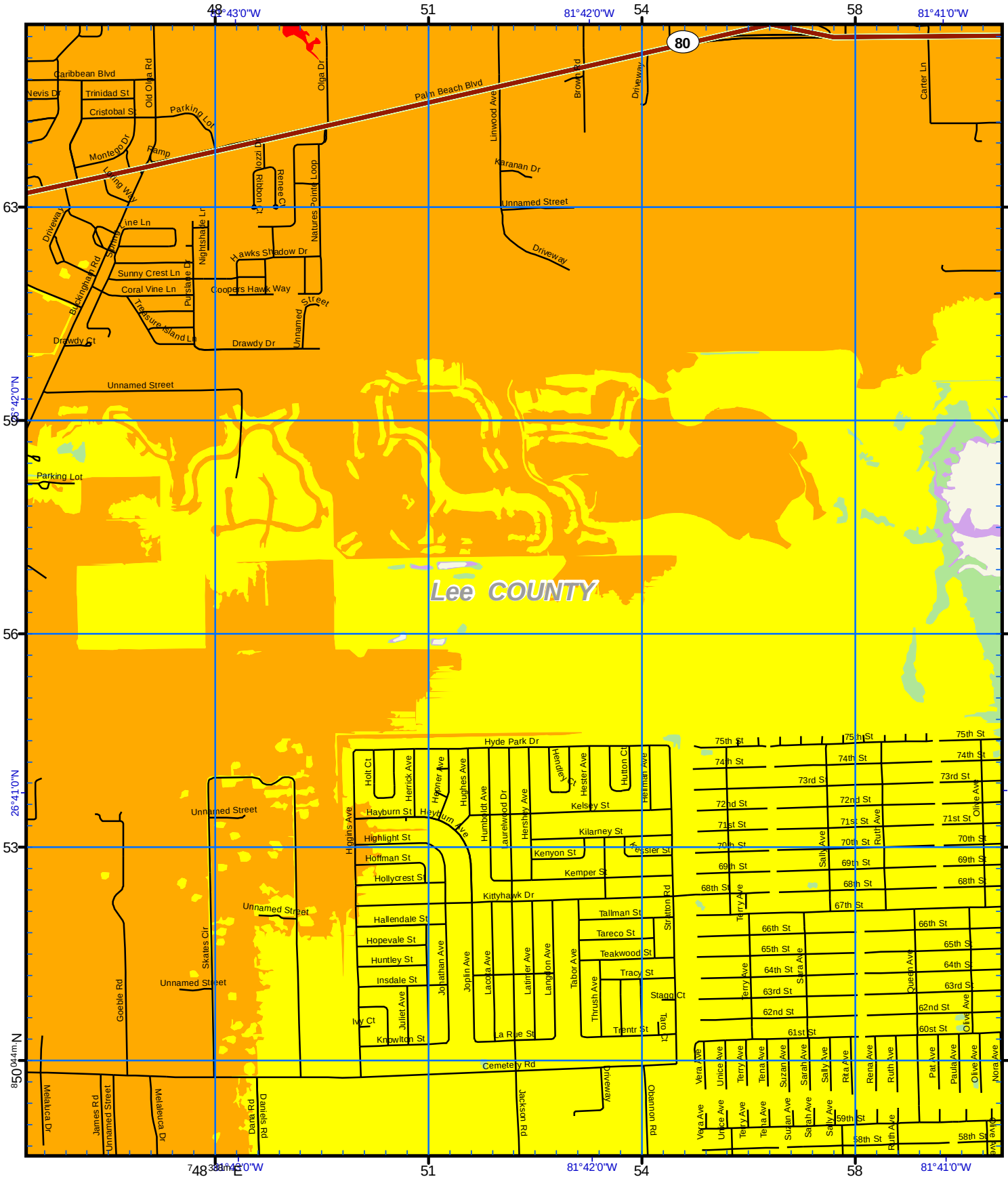
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 28 50**

Map Plate **128**

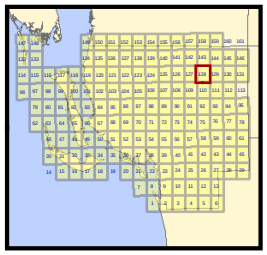
Page 143

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat

- TS
- 1
- 2
- 3
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- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 32 50**

Map Plate **129**

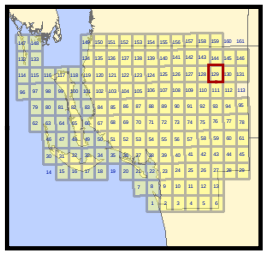
Page 144

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

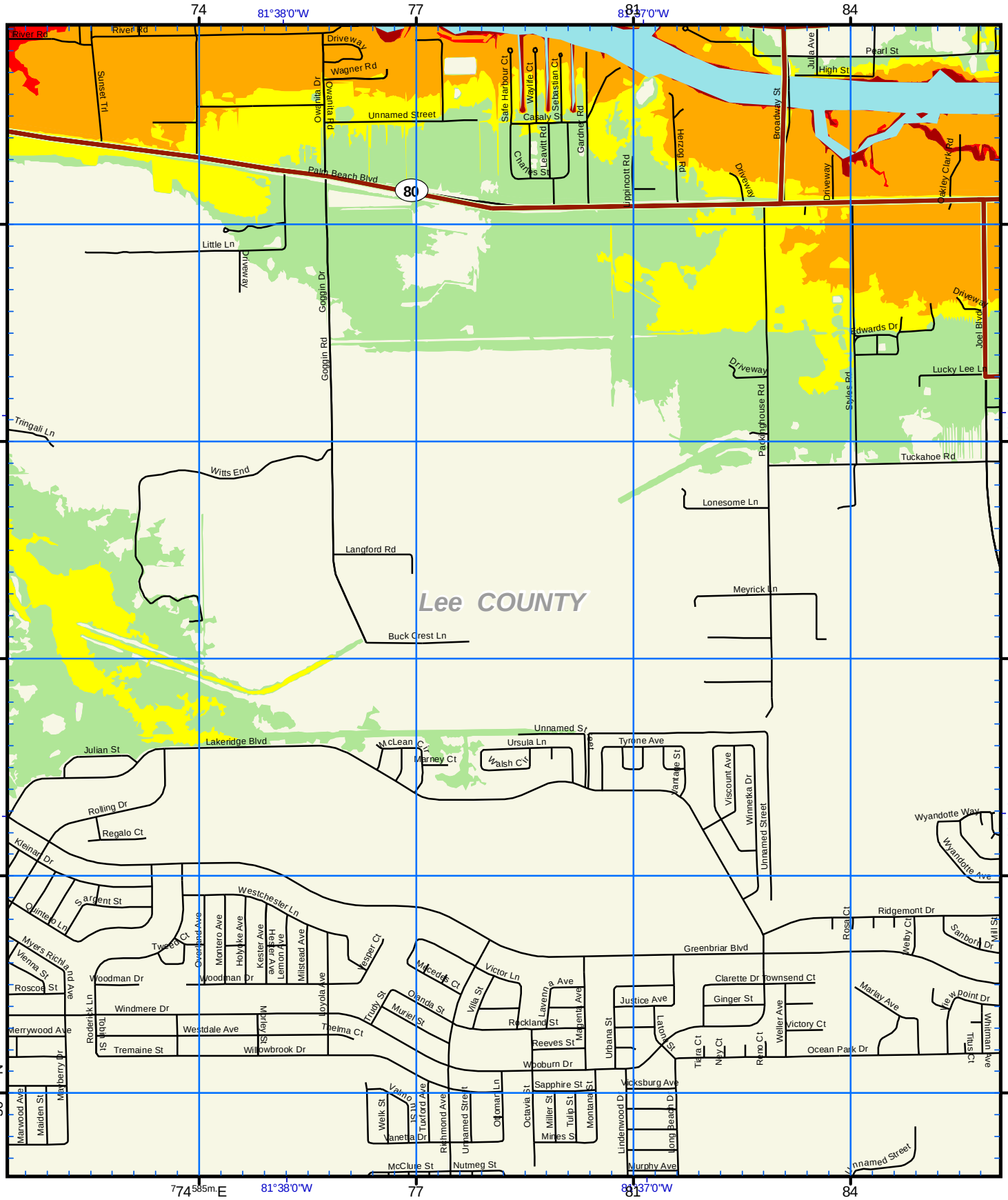
Cat

- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 36 50**

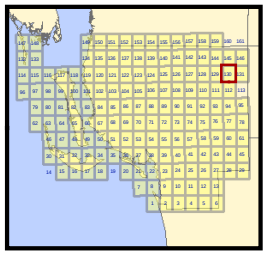
Map Plate **130**

Page 145

Legend

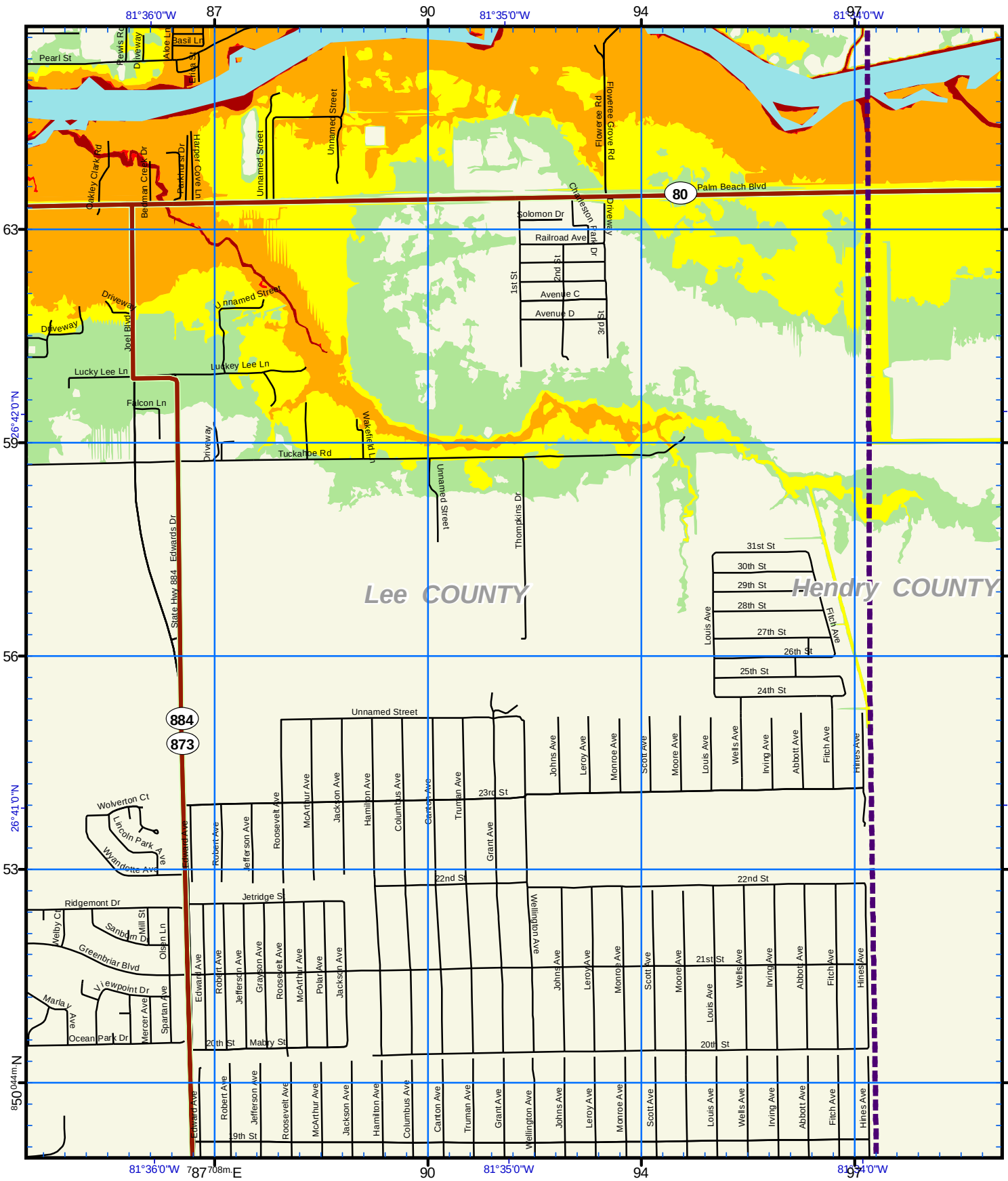
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid

100,000-m Square ID

MK

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 40 50**

Map Plate **131**

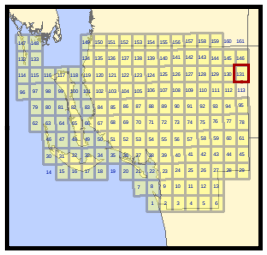
Page 146

Legend

- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

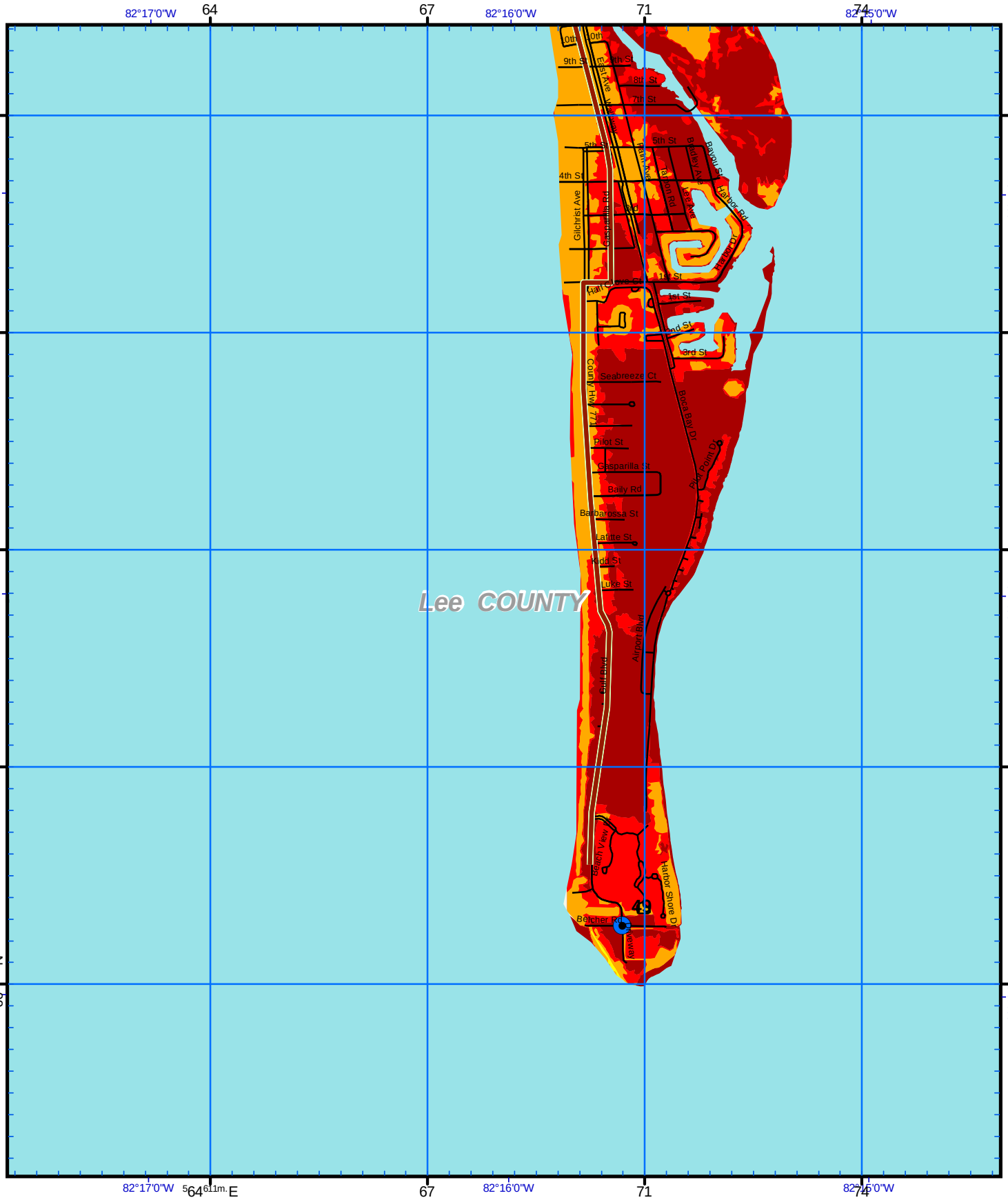
Cat

- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R LK 72 55**

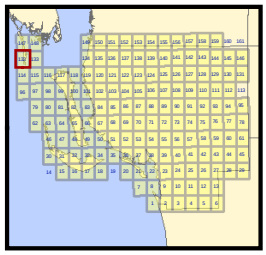
Map Plate **132**

Page 147

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
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- 5



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US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 92 55**

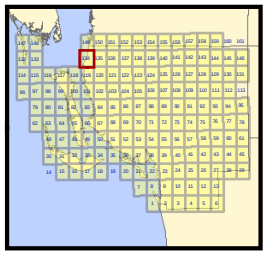
Map Plate **134**

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Legend

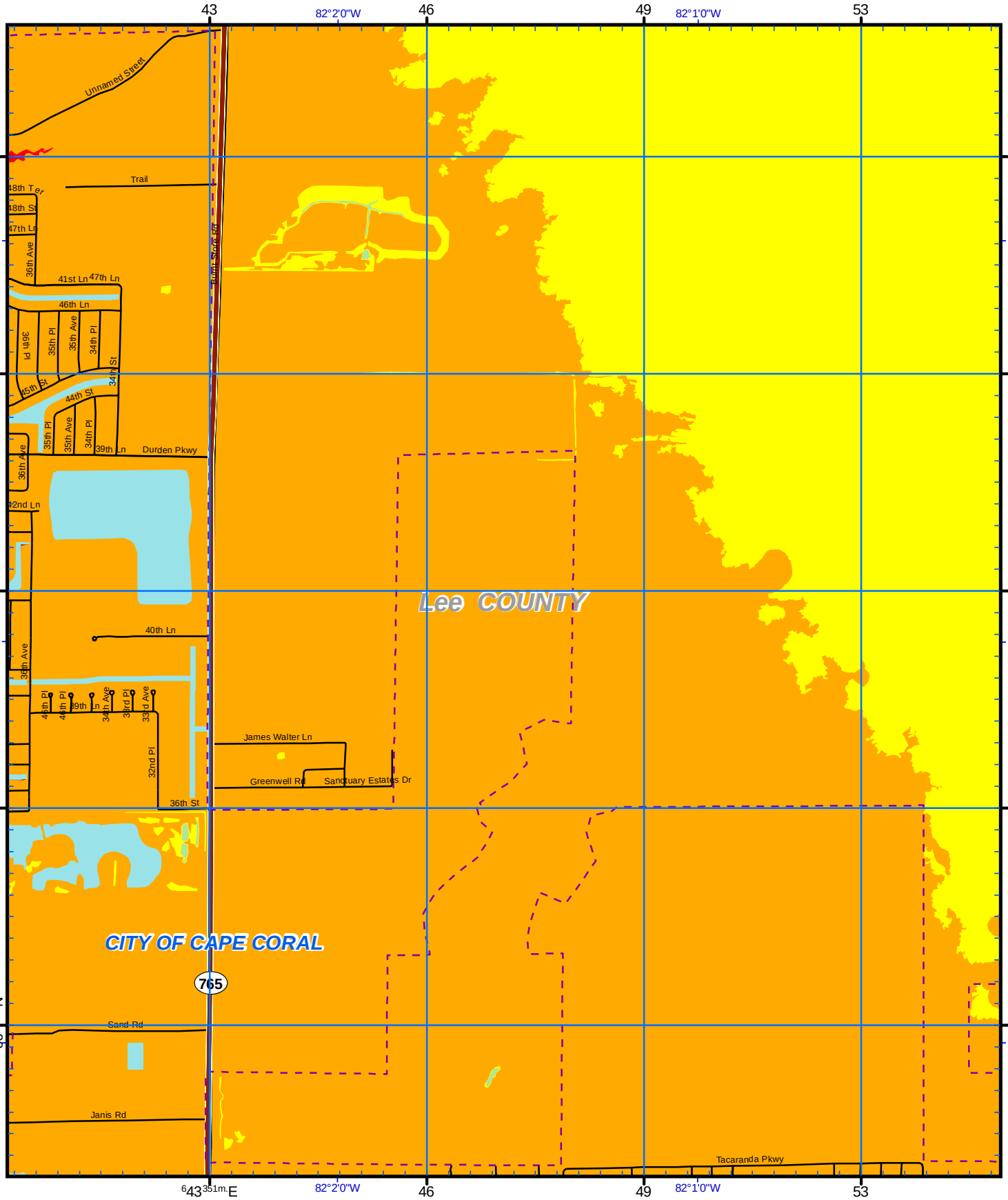
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
LK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
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3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet

0 2,000

USNG Page **17R LK 96 55**

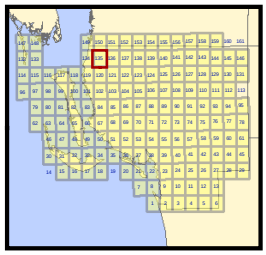
Map Plate **135**

Page 149

Legend

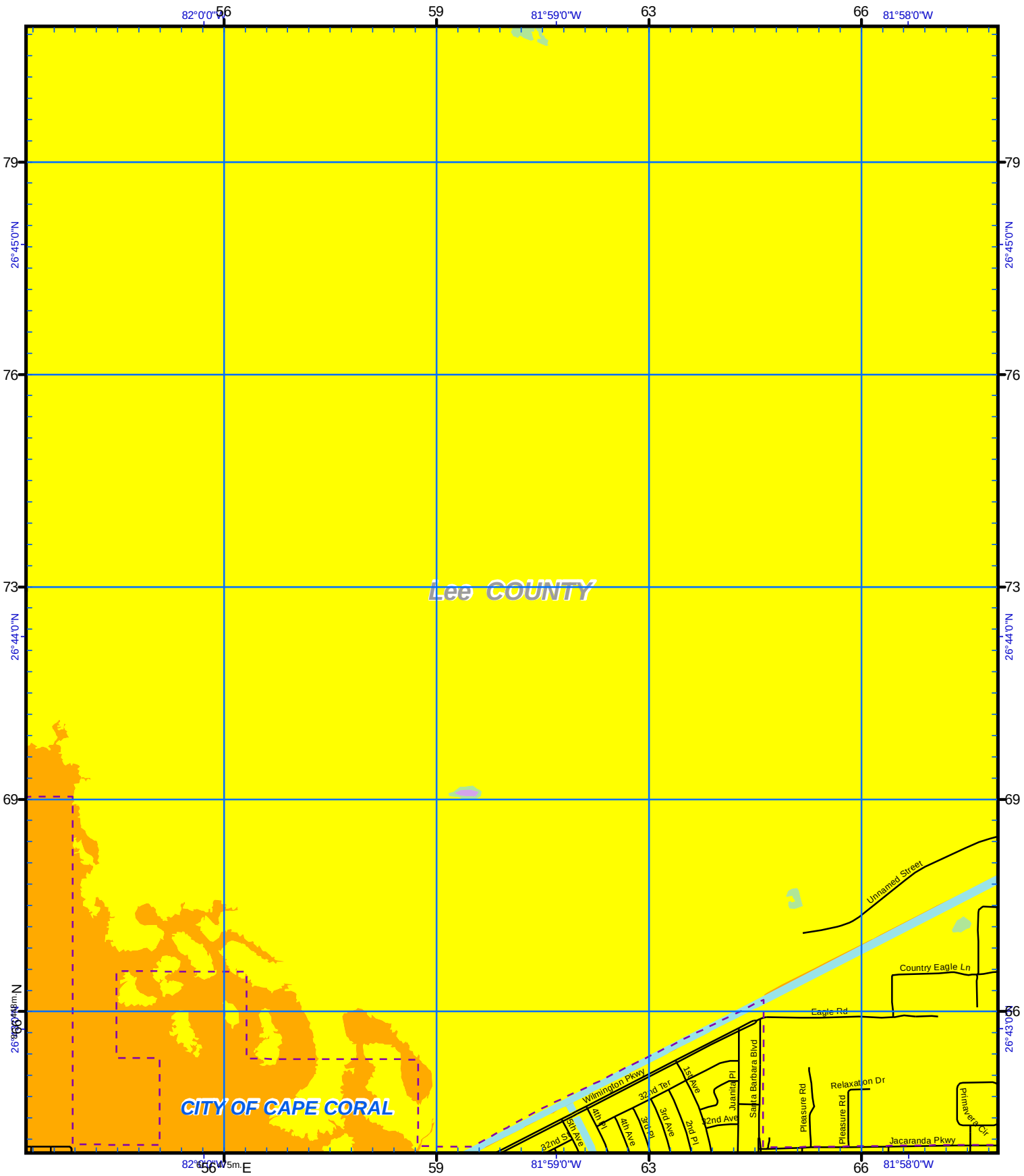
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 00 55**

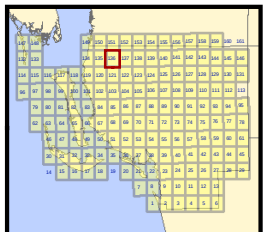
Map Plate **136**

Page 150

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN

Diagram Not to Scale

Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 04 55**

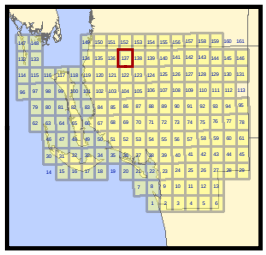
Map Plate **137**

Page 151

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 08 55**

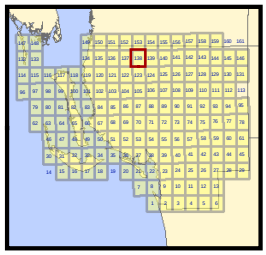
Map Plate **138**

Page 152

Legend

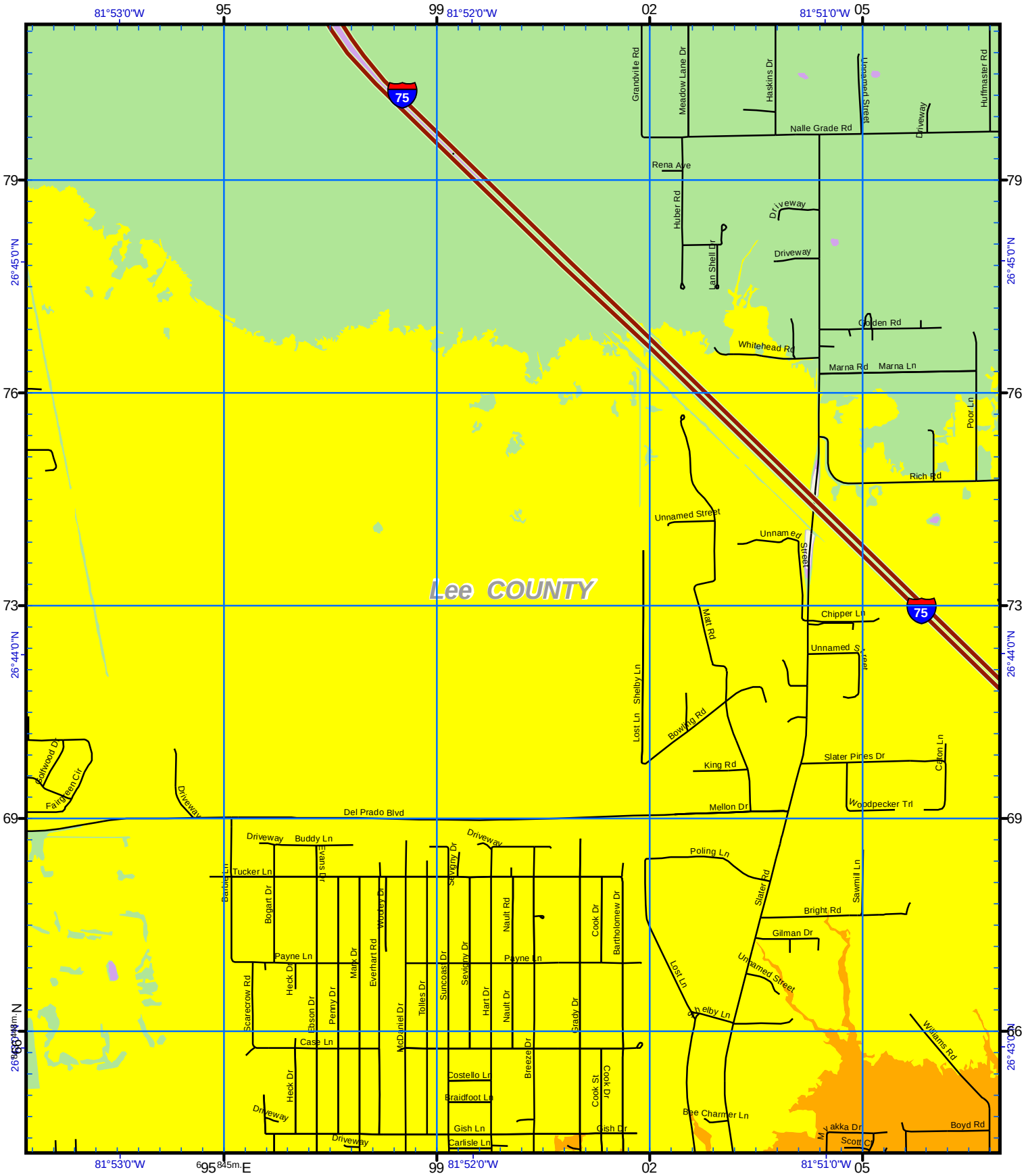
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
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- 2
- 3
- 4
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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 12 55**

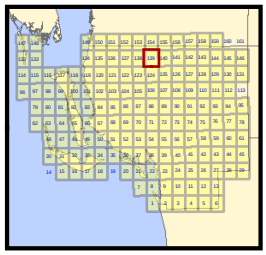
Map Plate **139**

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Legend

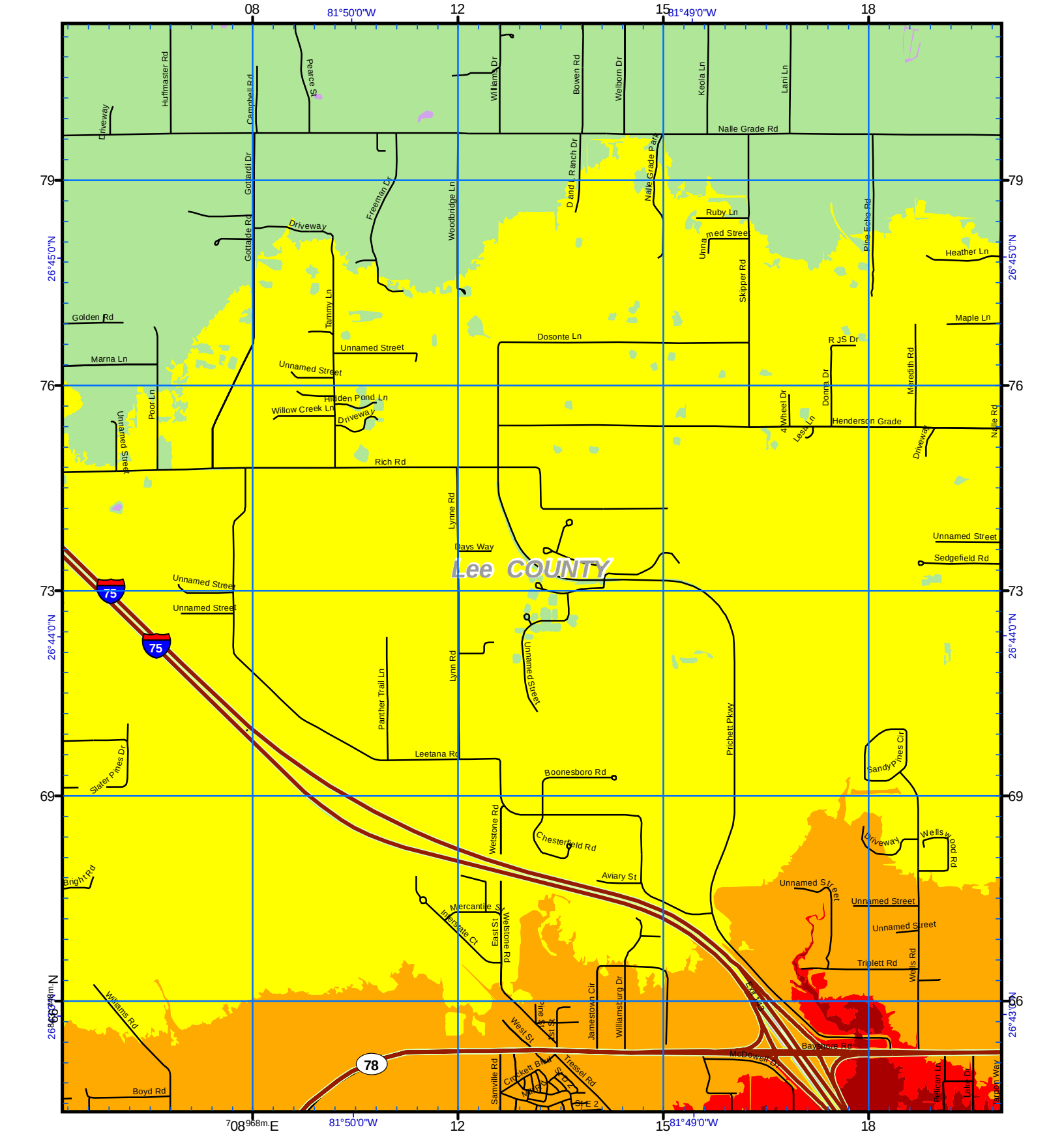
- Ref Point
- **HOSPITAL**
- **City Limits**
- **Evacuation Route**
- **Existing Water**

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 16 55**

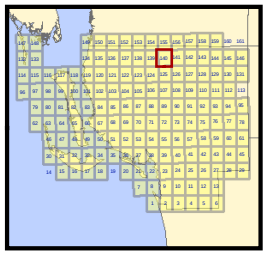
Map Plate **140**

Page 154

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 20 55**

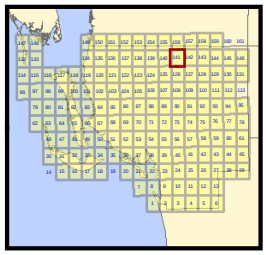
Map Plate **141**

Page 155

Legend

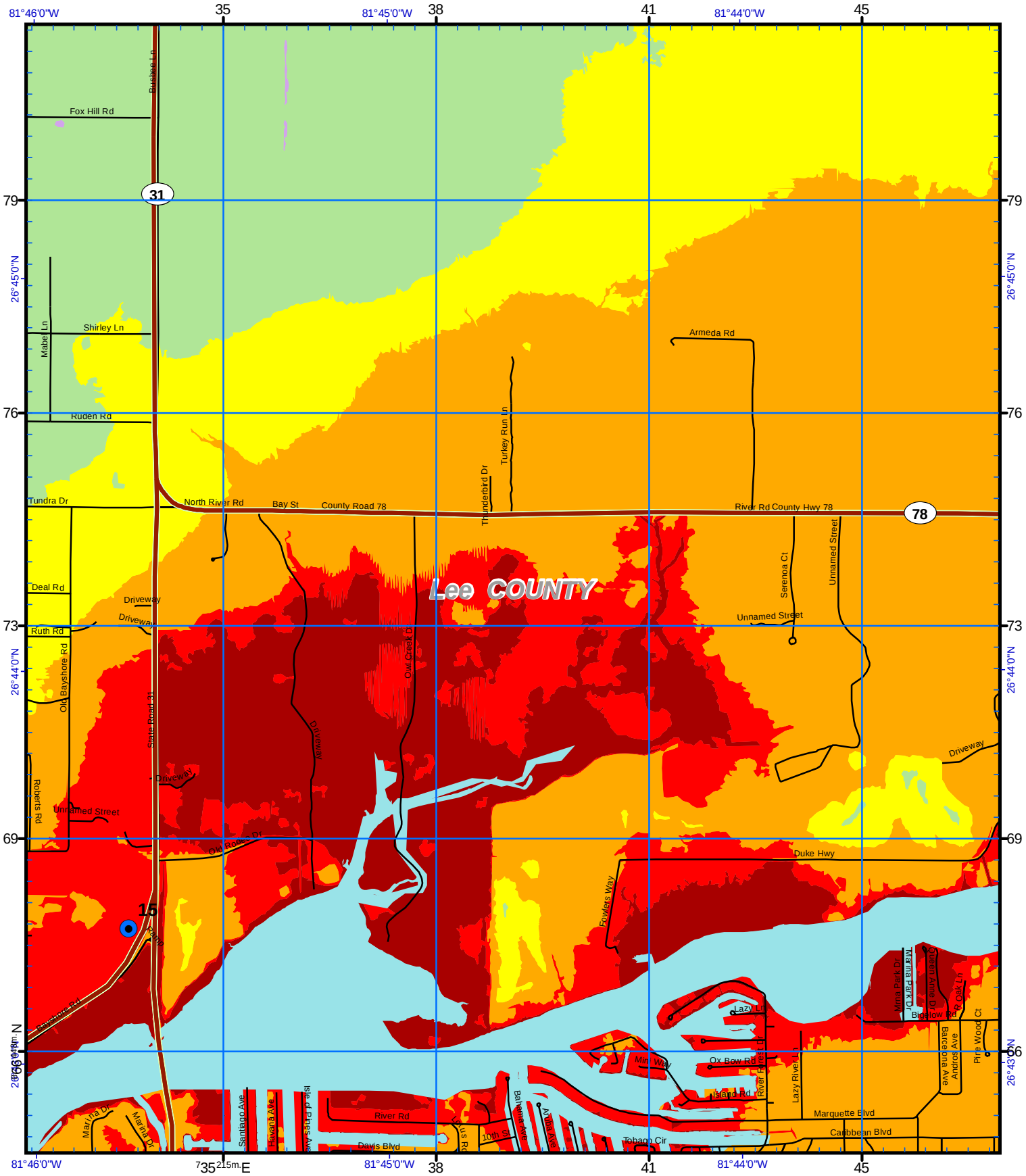
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 24 55**

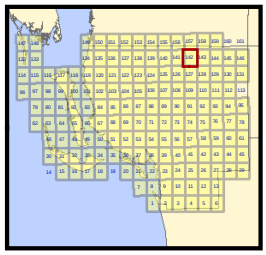
Map Plate **142**

Page 156

Legend

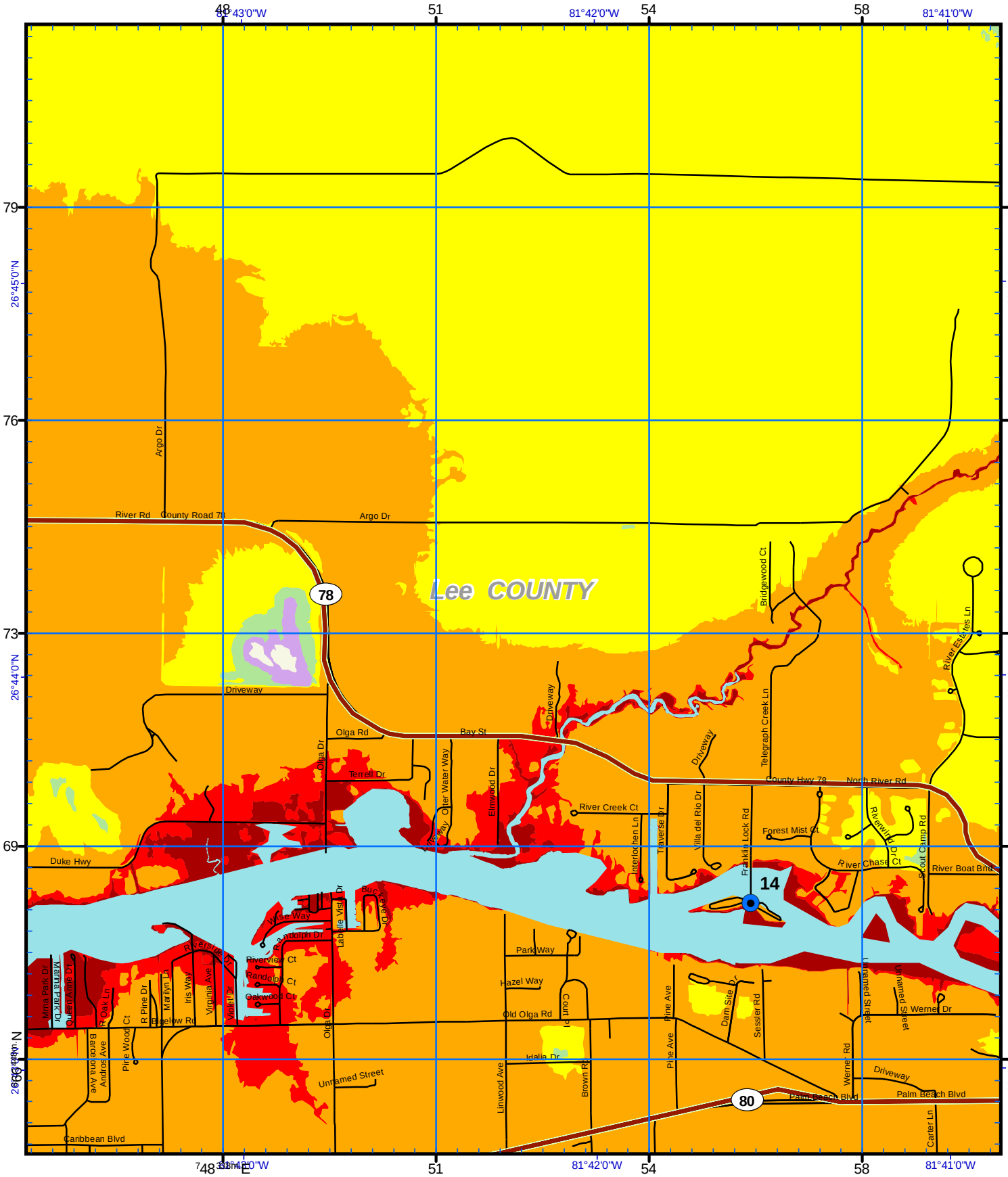
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 28 55**

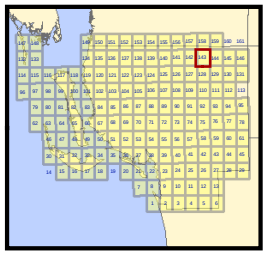
Map Plate **143**

Page 157

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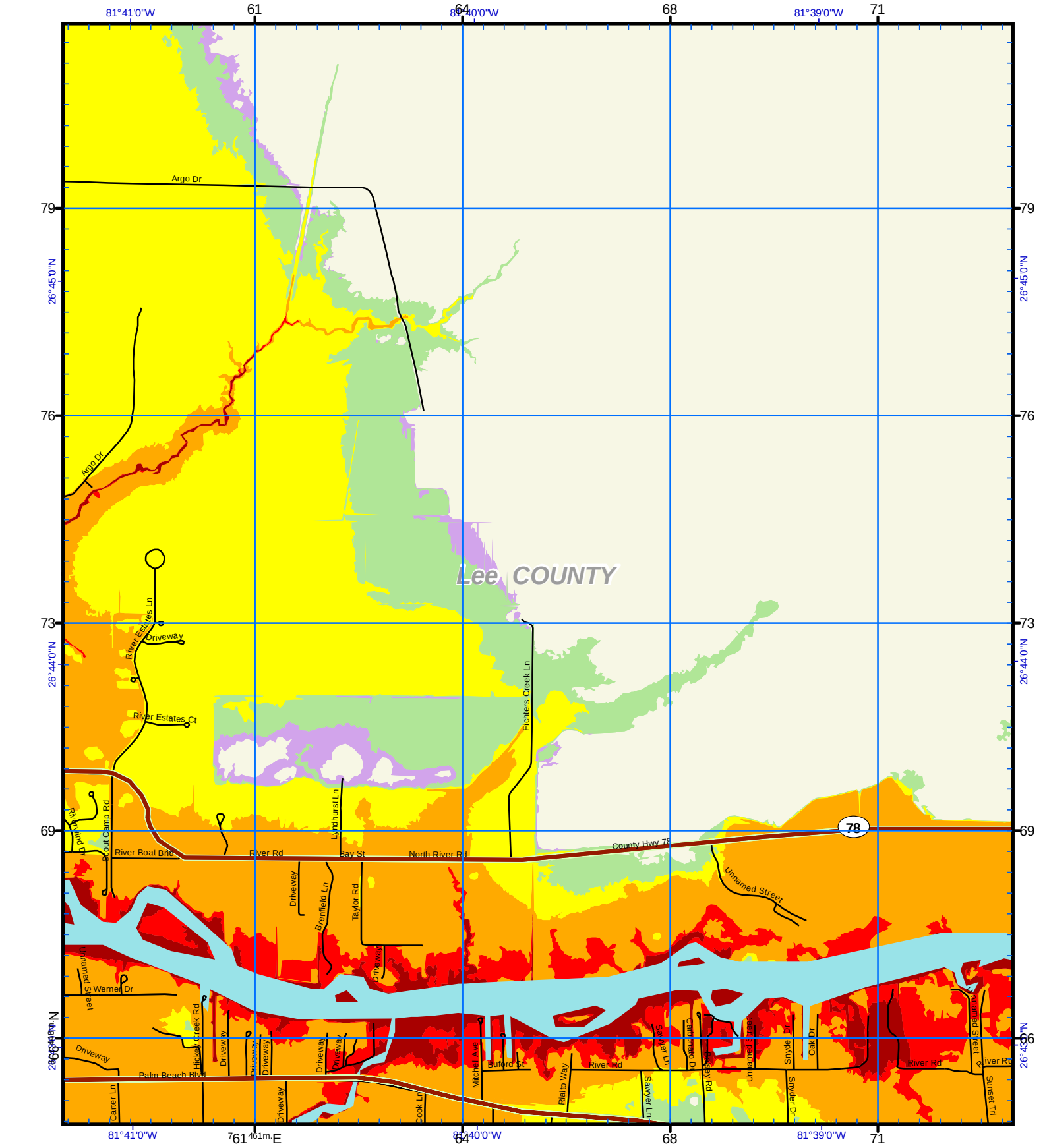
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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US National Grid	
100,000-m Square ID	**MK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

USNG Page **17R MK 32 55**

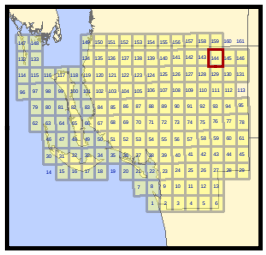
Map Plate **144**

Page 158

Legend

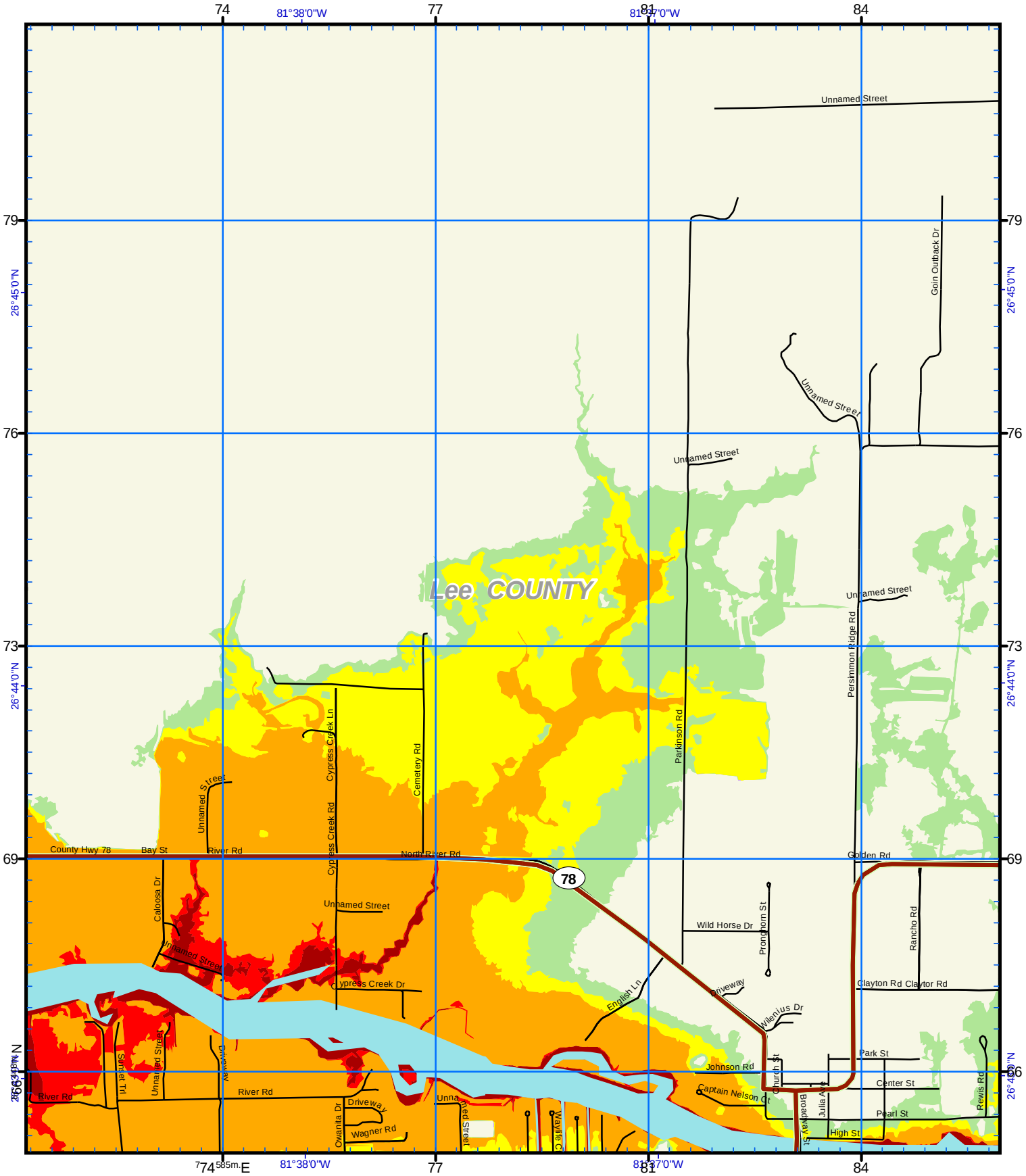
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R MK 36 55**

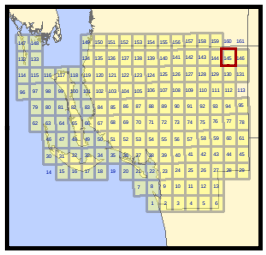
Map Plate **145**

Page 159

Legend

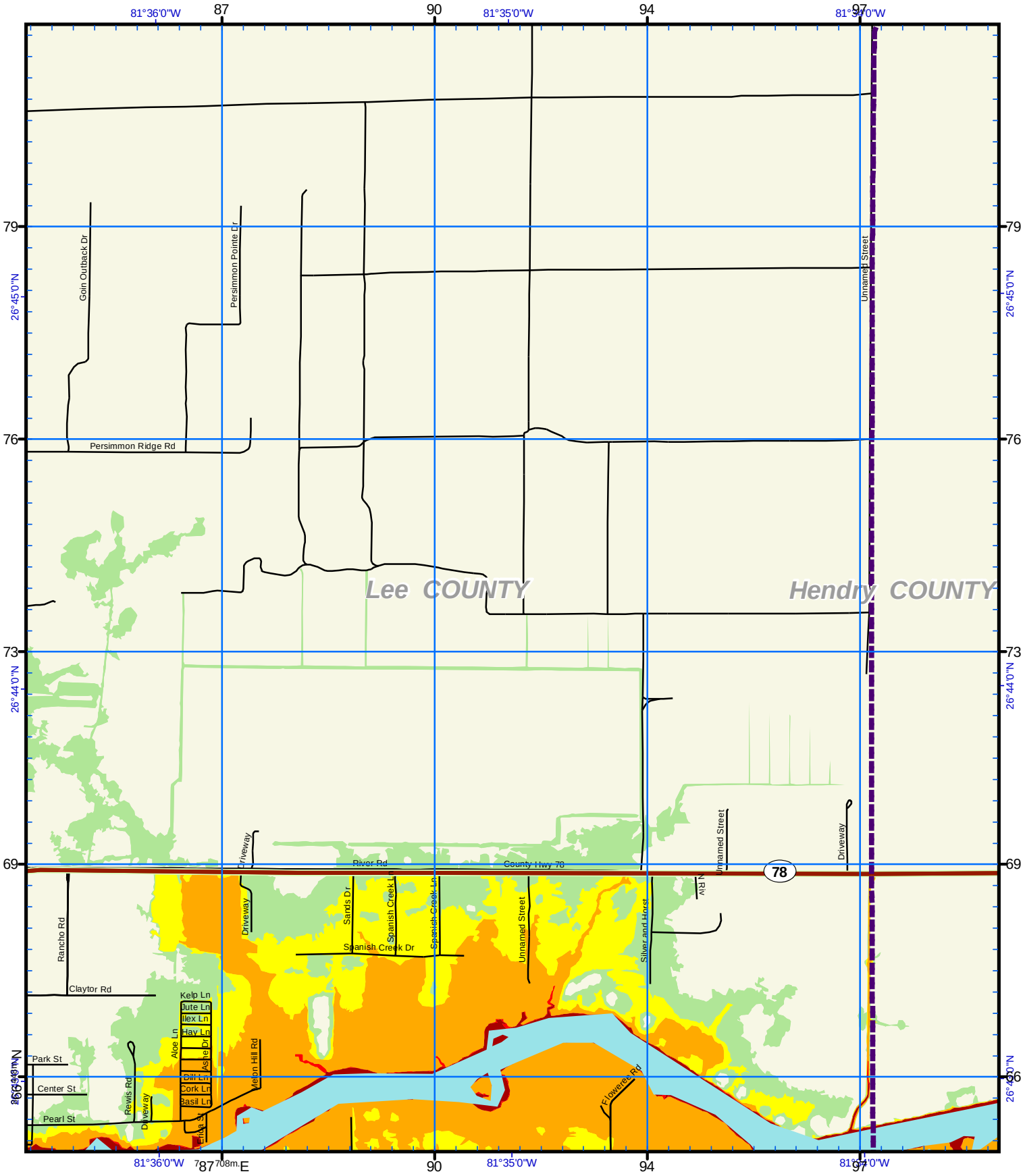
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
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Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 40 55**

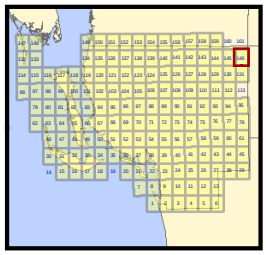
Map Plate **146**

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Legend

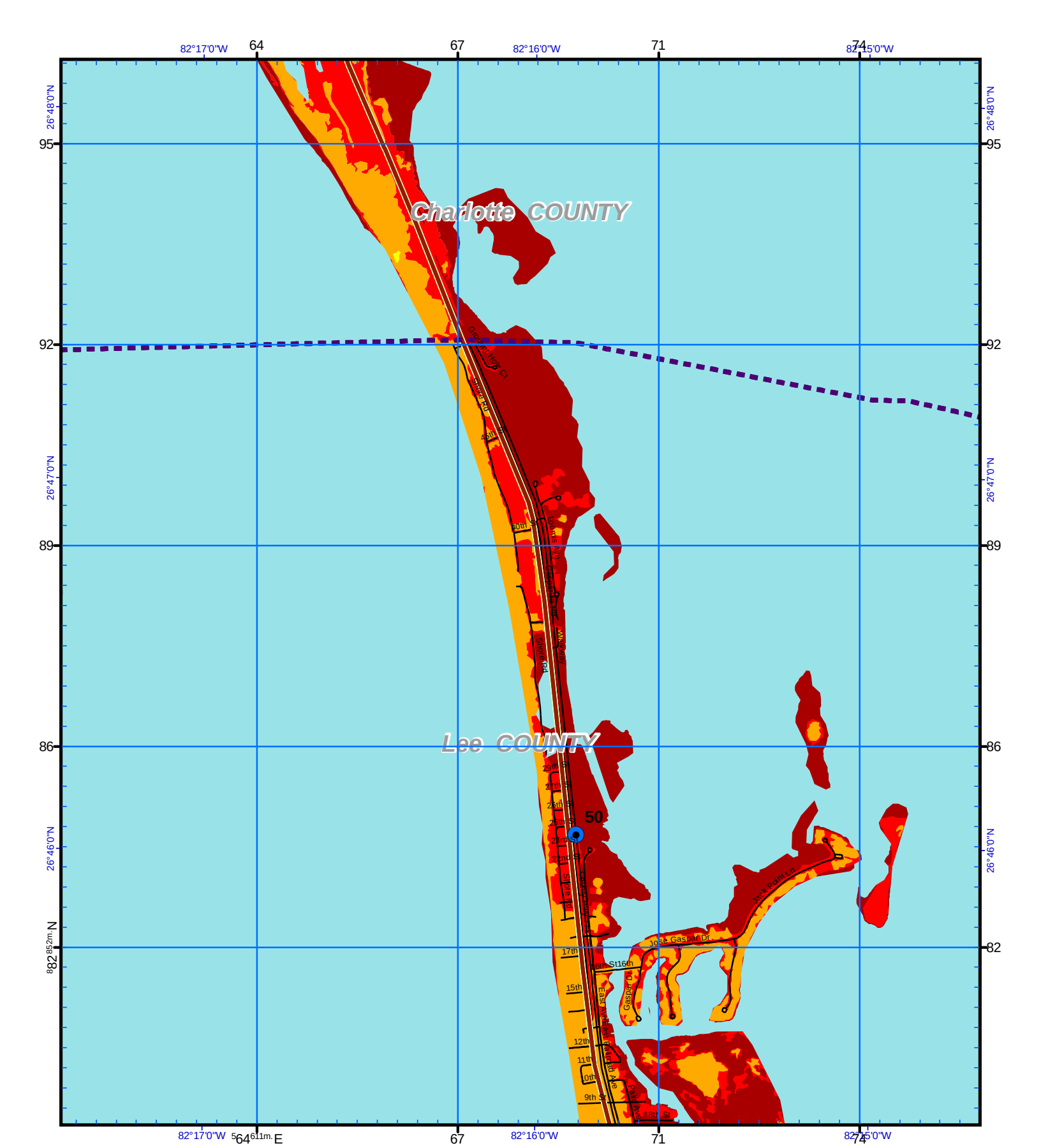
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid	
100,000-m Square ID	**LK**
Grid Zone Designation	**17R**

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 72 60**

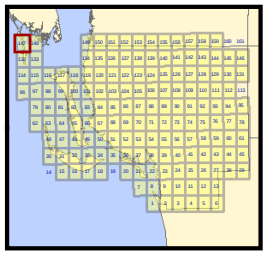
Map Plate **147**

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Legend

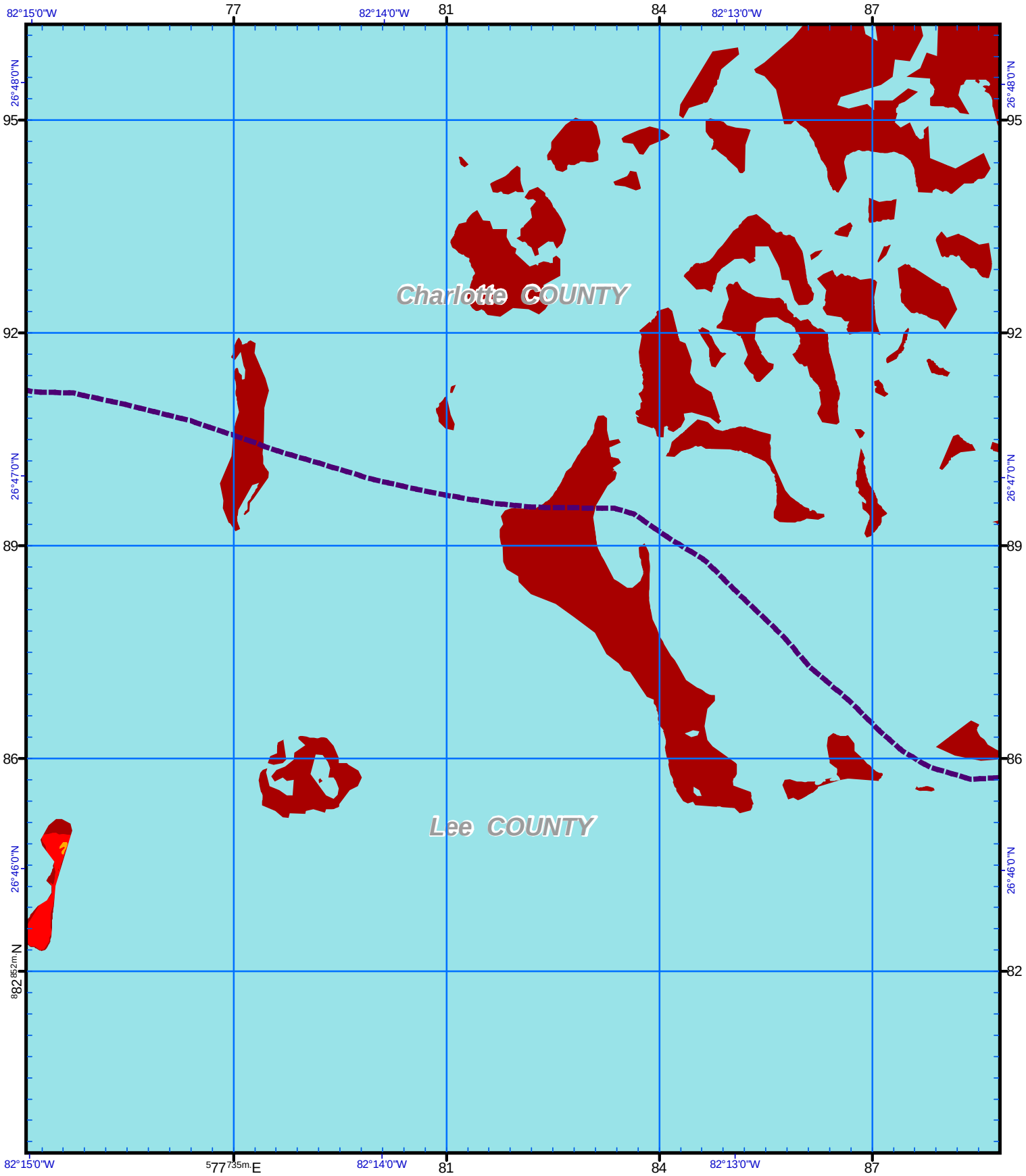
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
TS
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US National Grid
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LK

Grid Zone Designation
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Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R LK 76 60**

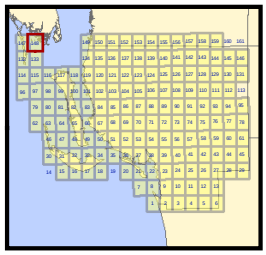
Map Plate **148**

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Legend

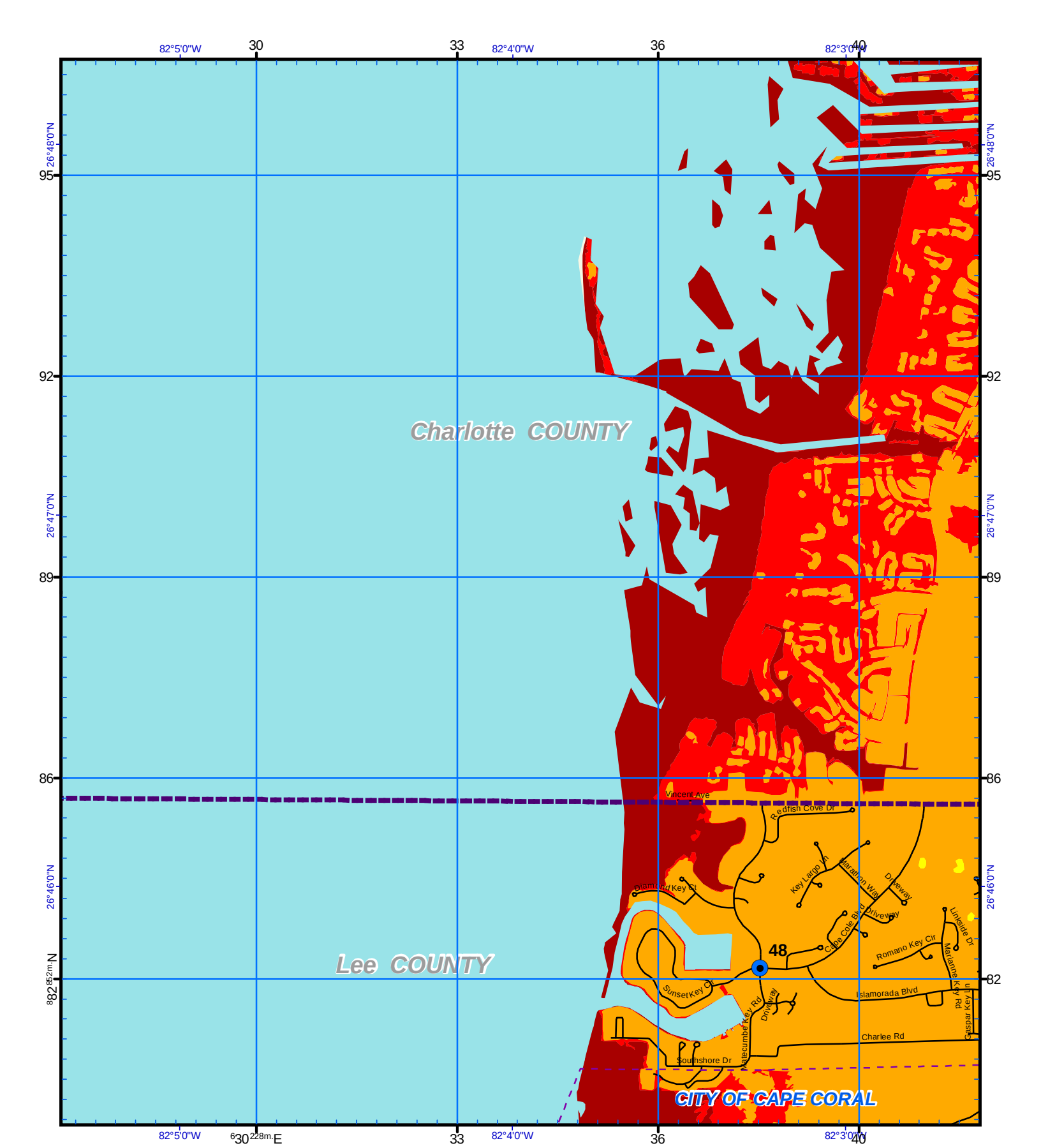
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
- 3
- 4
- 5



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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010



US National Grid
100,000-m Square ID
LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
Changing by 5' W per yr
Date 2009

Notes:
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 — 2,000 Feet

USNG Page **17R LK 92 60**

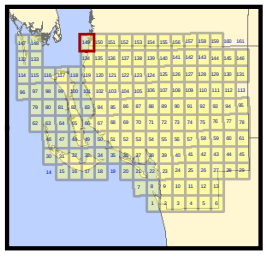
Map Plate **149**

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Legend

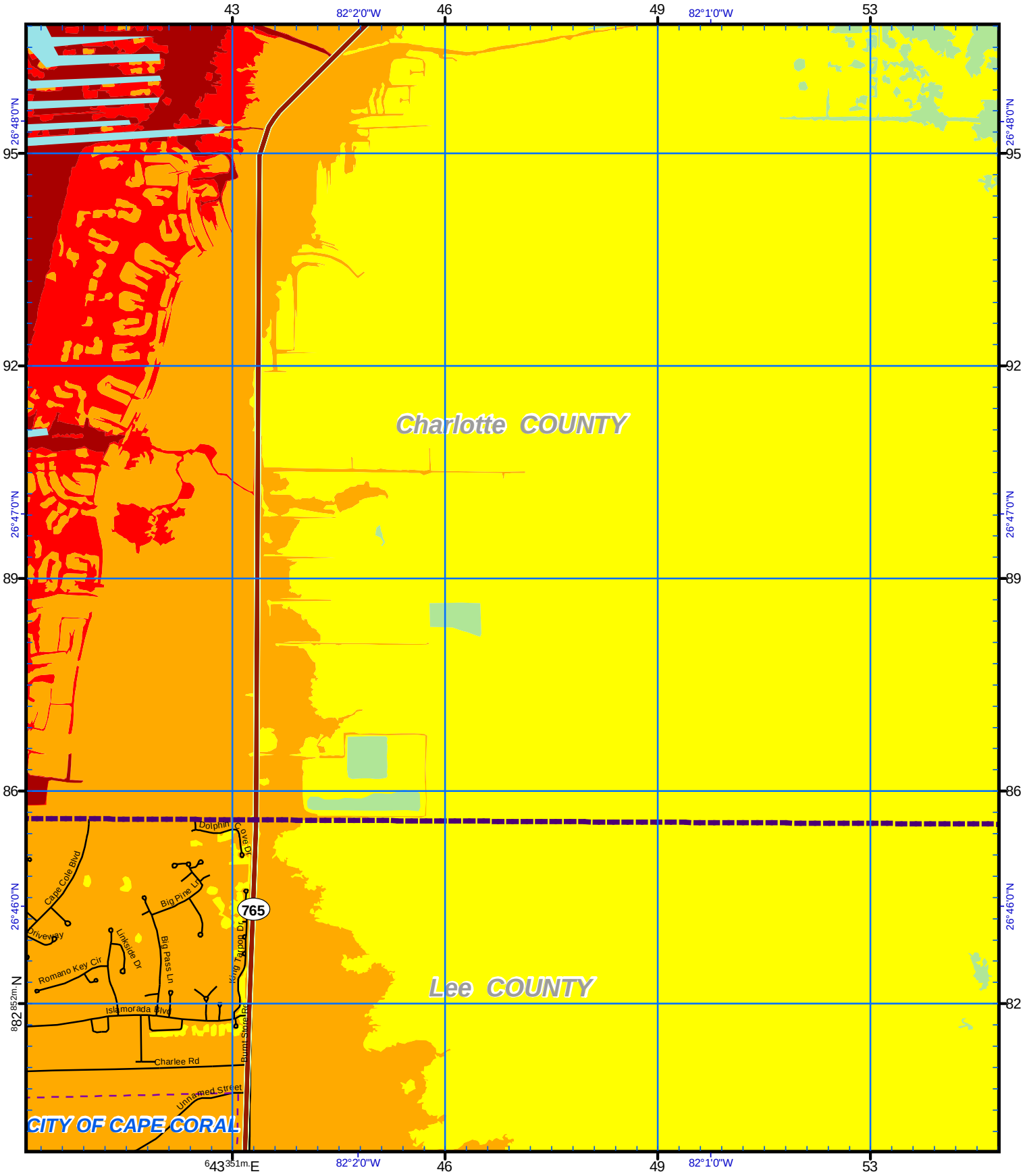
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
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LK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
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Mag. Declination 4°31'W
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R LK 96 60**

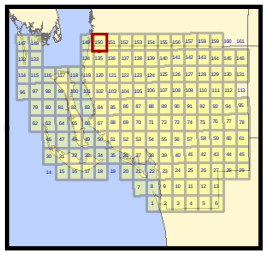
Map Plate **150**

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Legend

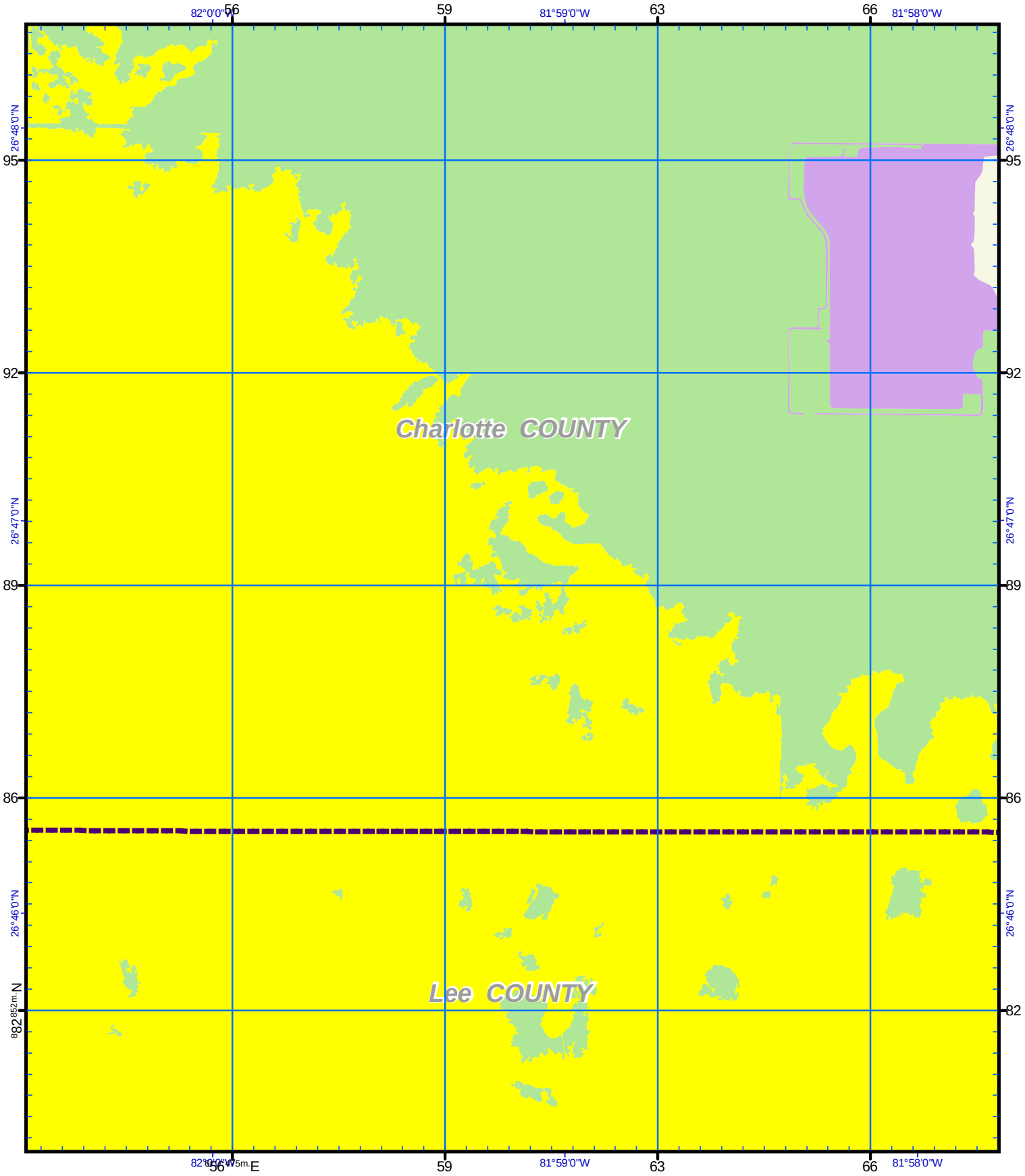
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
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- 4
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US National Grid
100,000-m Square ID
MK

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 00 60**

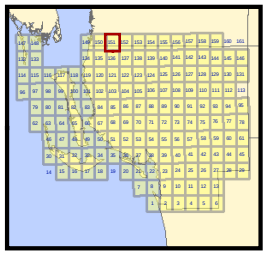
Map Plate **151**

Page 165

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
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Changing by 5' W per yr
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 04 60**

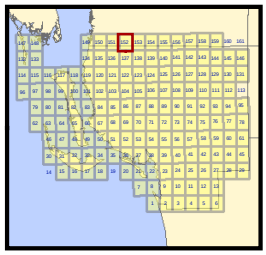
Map Plate **152**

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Legend

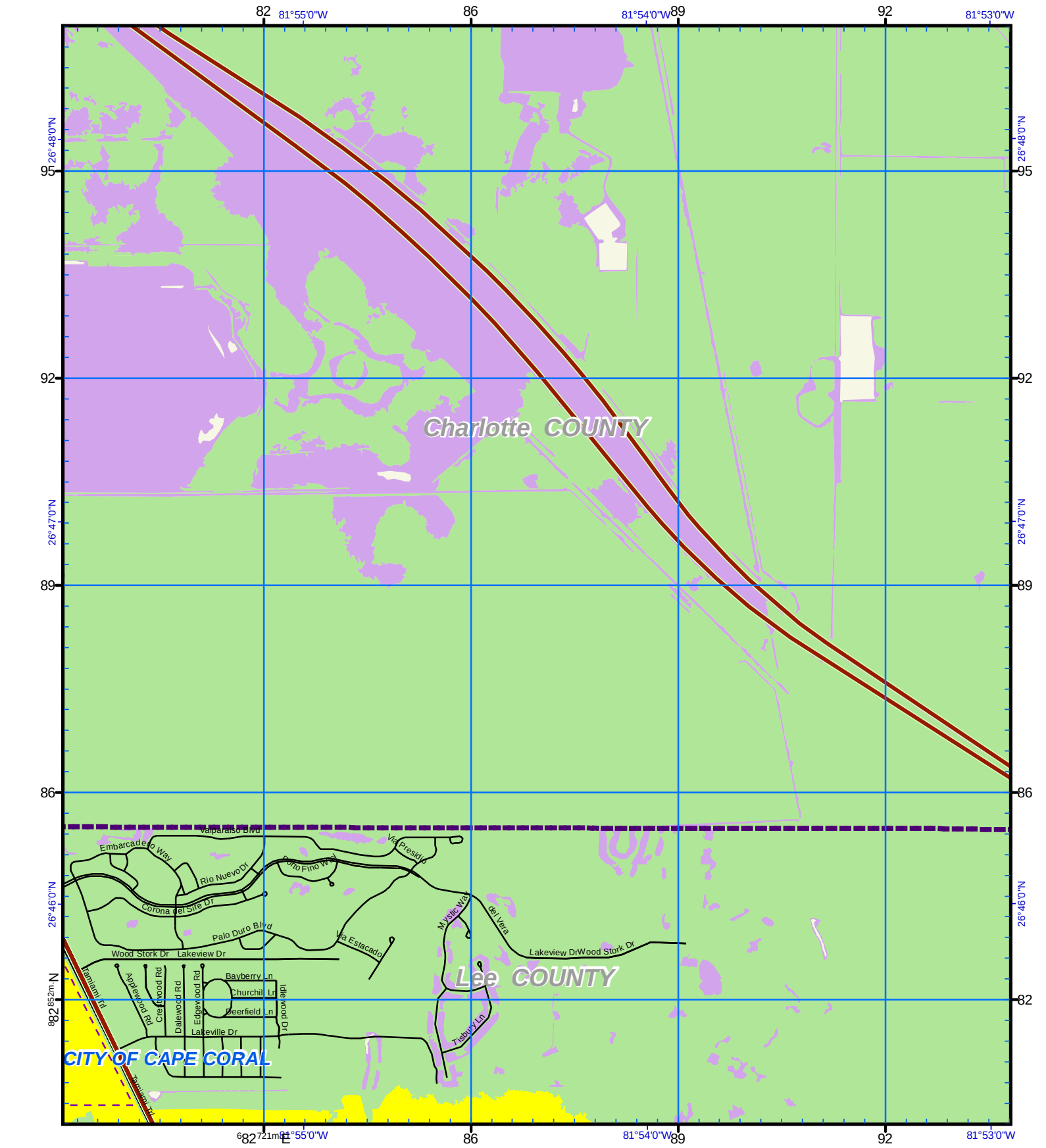
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 08 60**

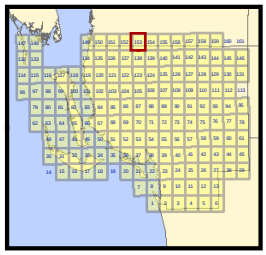
Map Plate **153**

Page 167

Legend

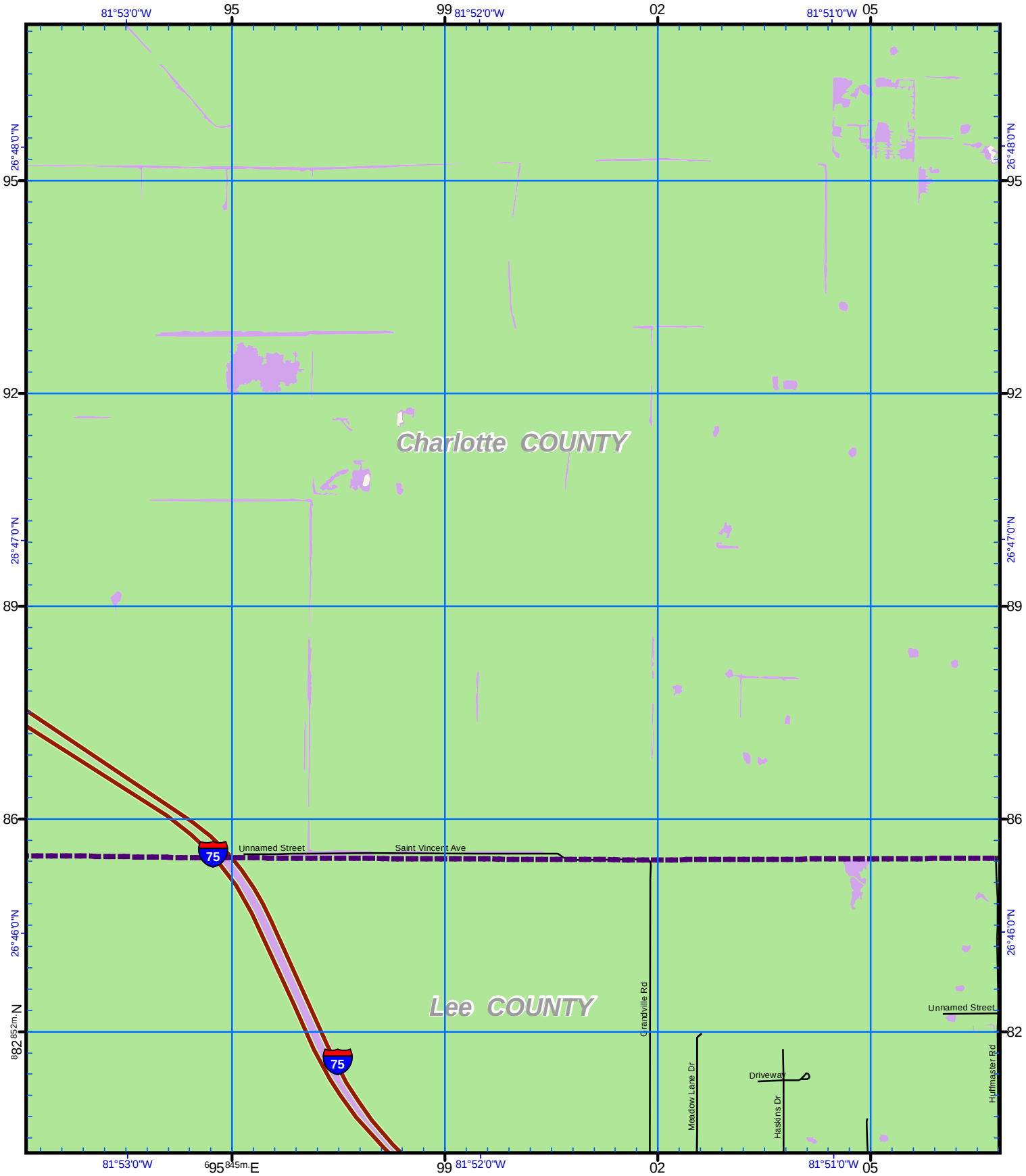
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
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US National Grid
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MK
Grid Zone Designation
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Datum = NAD 1983, 1,000-m USNG

GN
Diagram Not to Scale
Mag. Declination 4°31'W Changing by 5' W per yr Date 2009

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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 12 60**

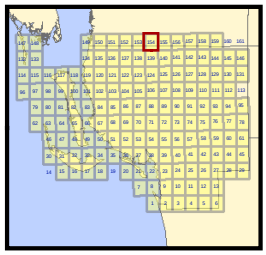
Map Plate **154**

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Legend

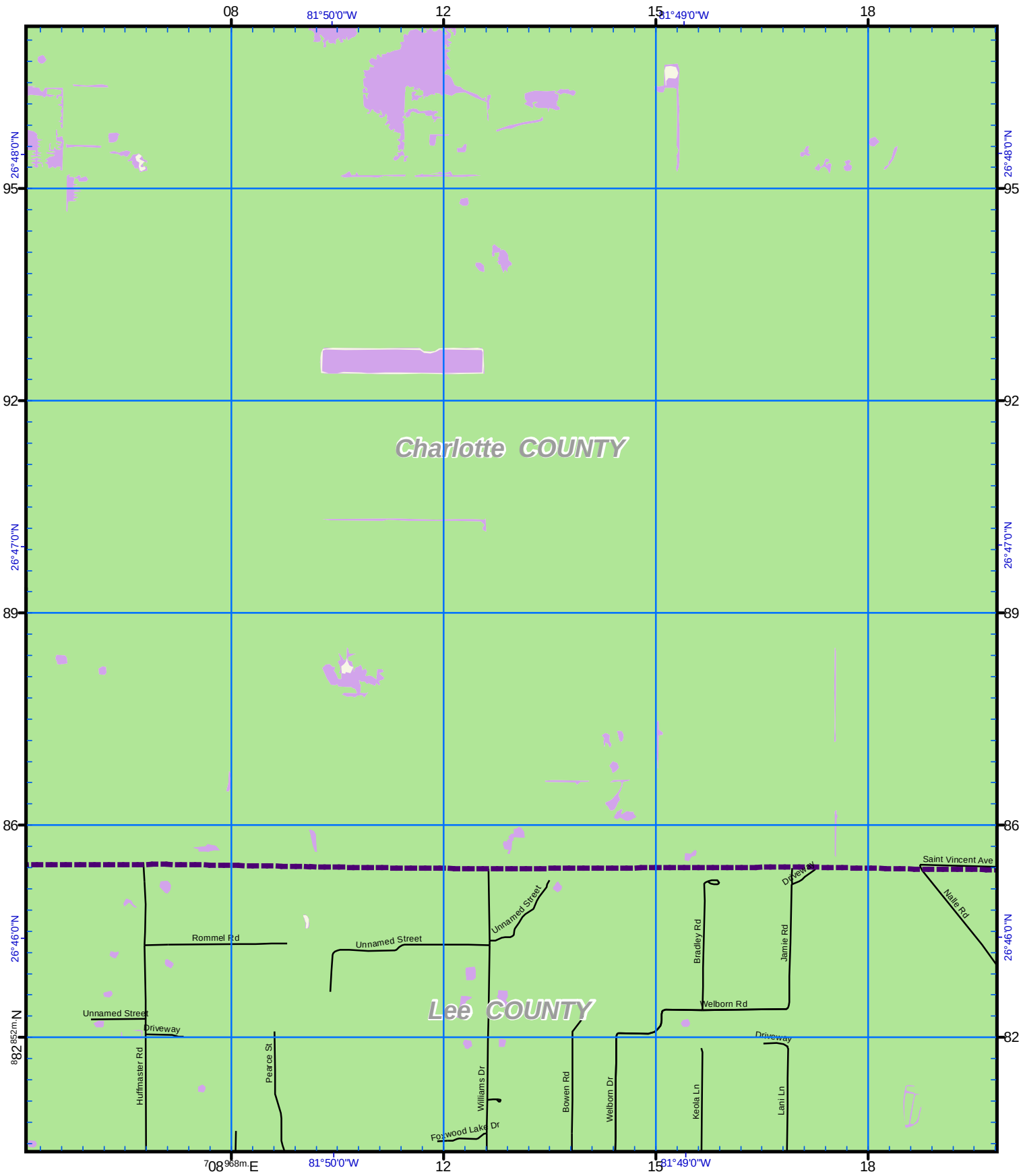
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
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Grid Zone Designation
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 16 60**

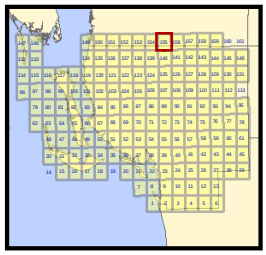
Map Plate **155**

Page 169

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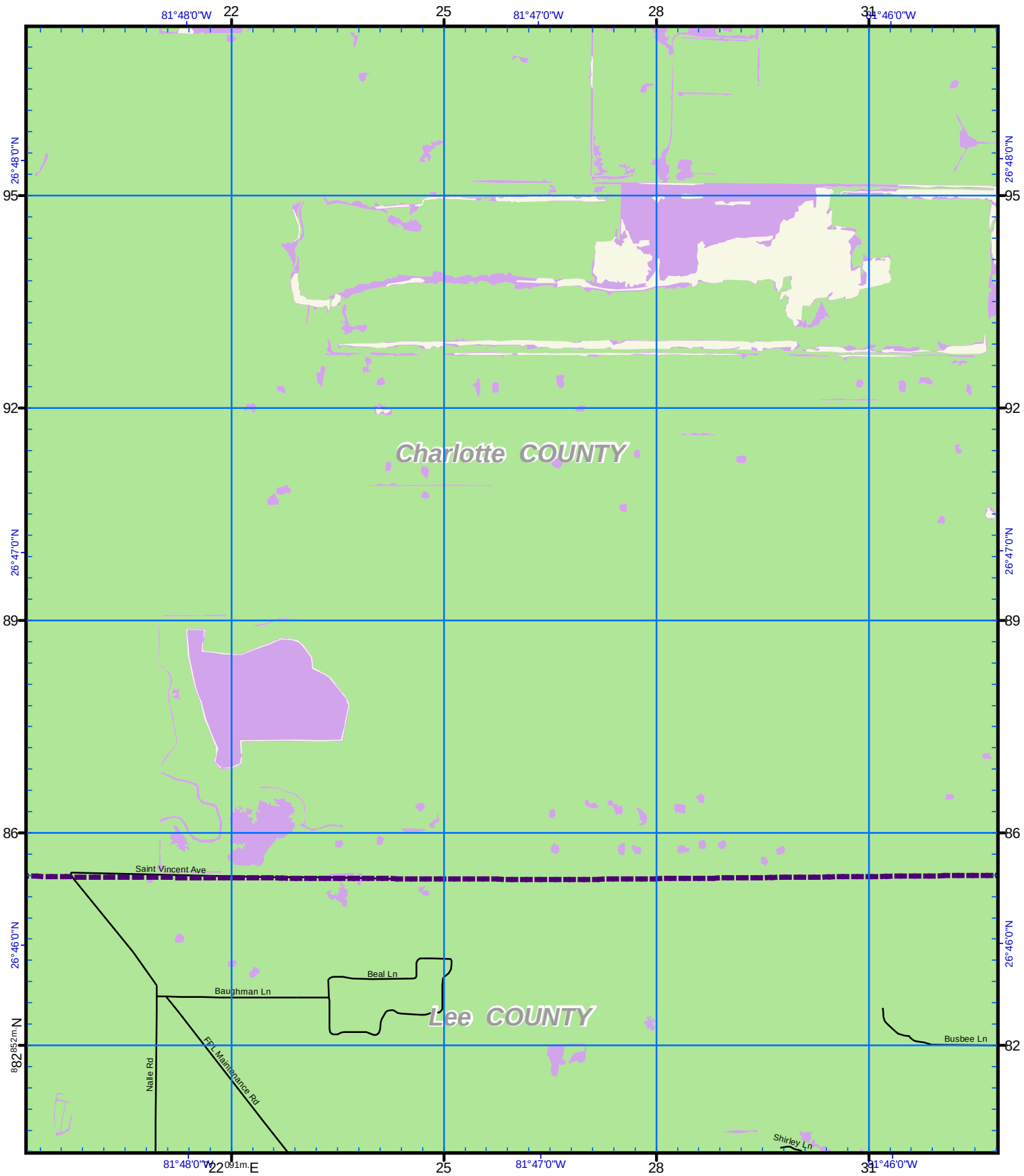
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 20 60**

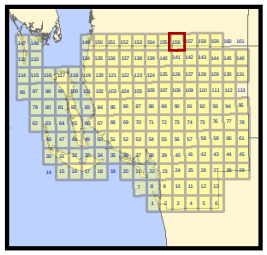
Map Plate **156**

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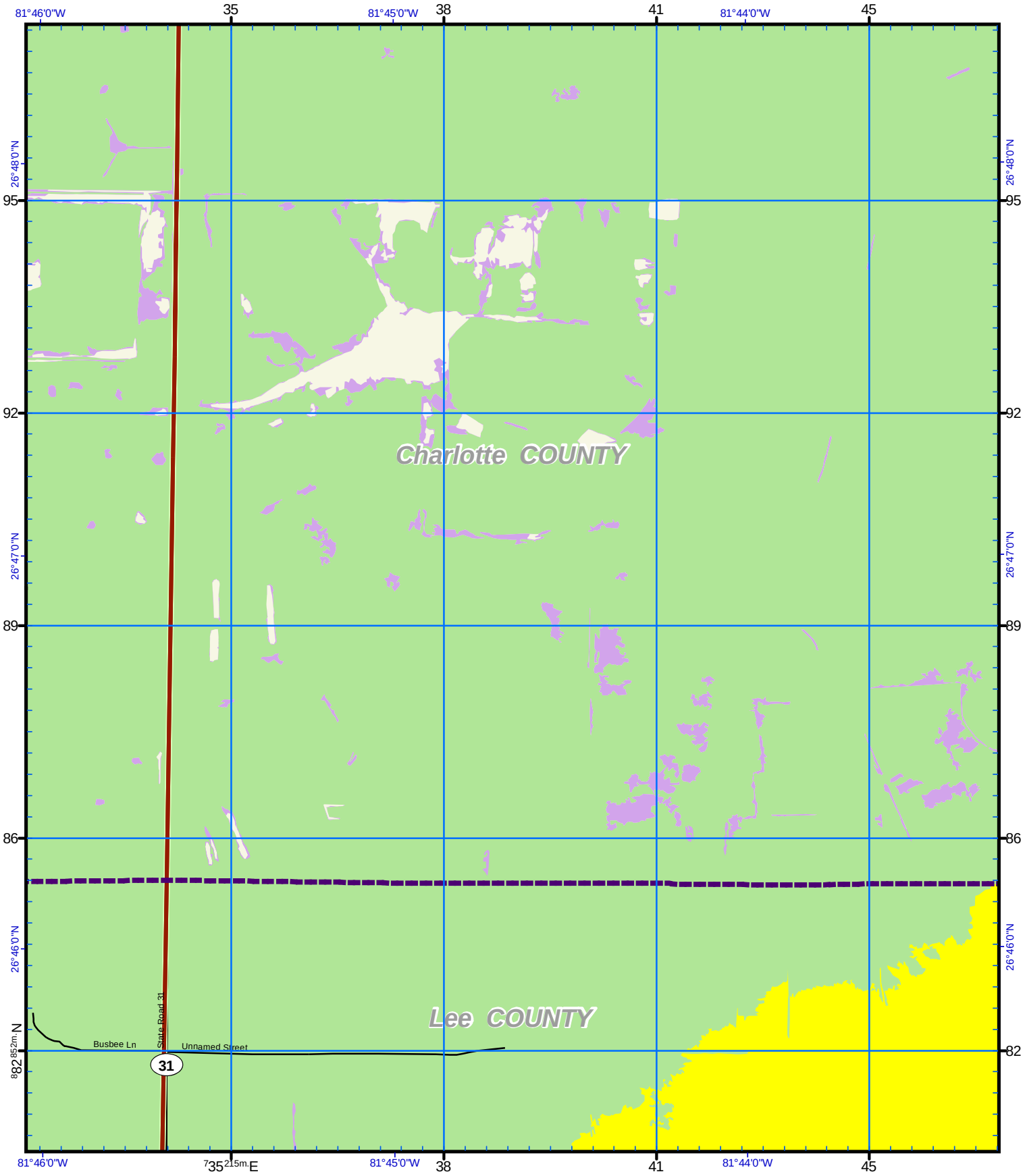
- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
- 2
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- 4
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Grid Zone Designation
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Diagram Not to Scale
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

Feet
0 2,000

USNG Page **17R MK 24 60**

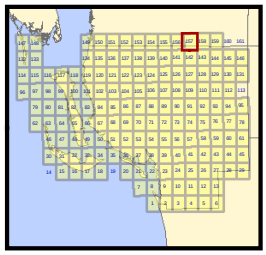
Map Plate **157**

Page 171

Legend

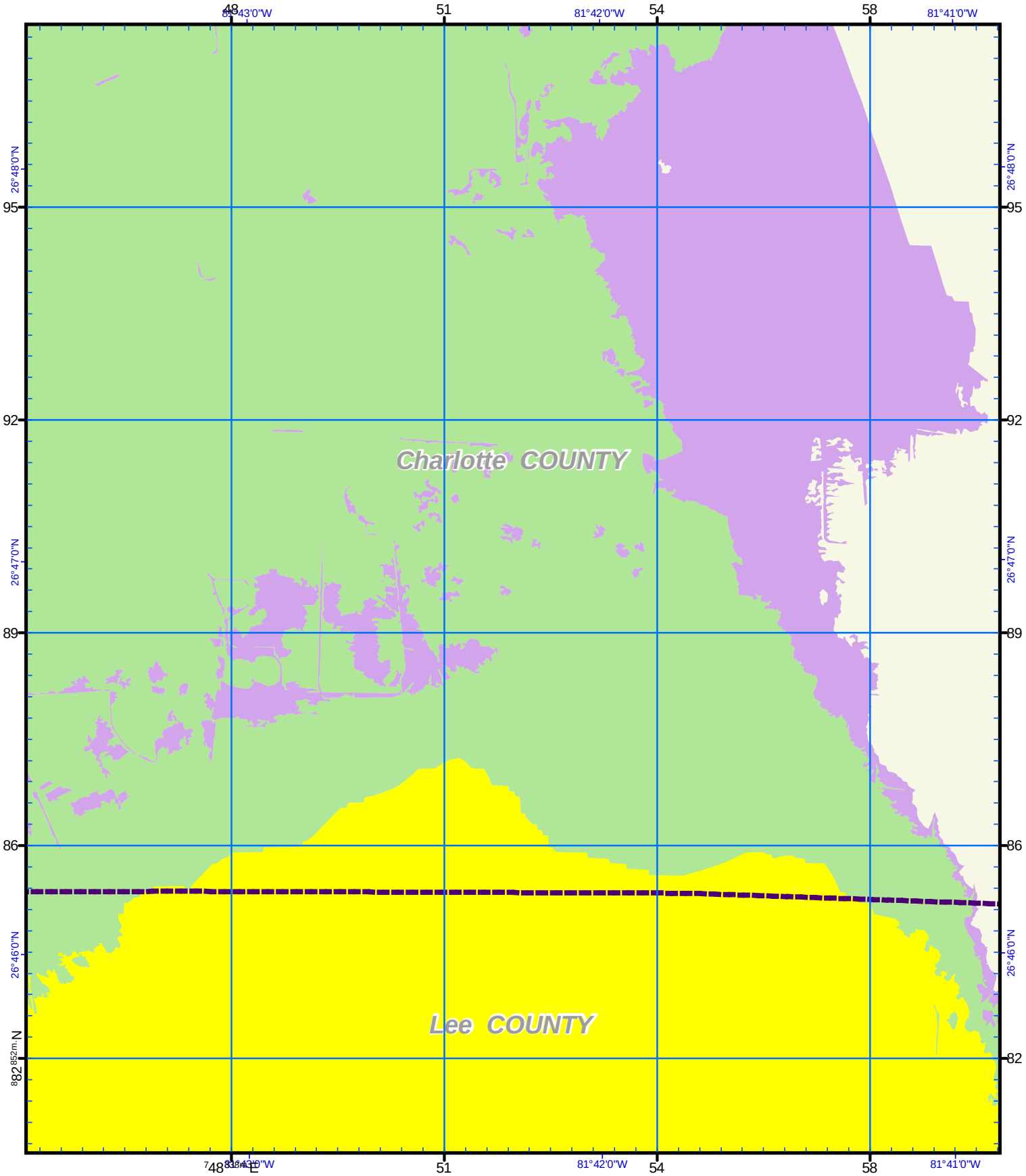
- Ref Point
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Cat
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 28 60**

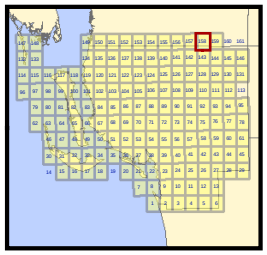
Map Plate **158**

Page 172

Legend

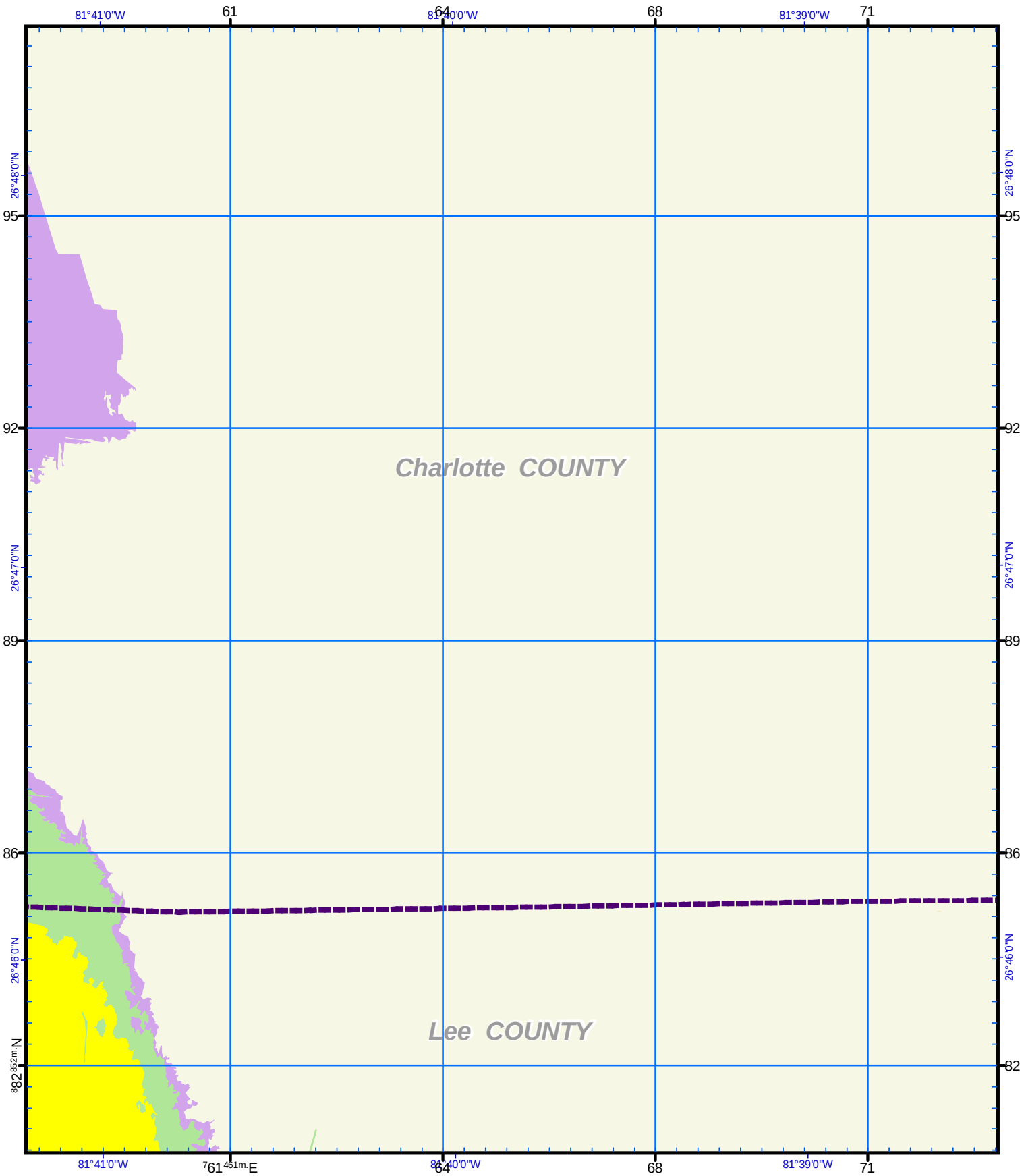
- Ref Point
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Storm Tide Zones

Lee County, 2010

Scale - 1:24,000

0 Feet 2,000

USNG Page **17R MK 32 60**

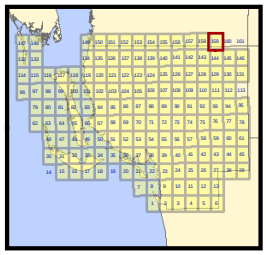
Map Plate **159**

Page 173

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evacuation Route
- Existing Water

Cat
- TS
- 1
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