

DEPARTMENT OF THE ARMY
VICKSBURG DISTRICT, CORPS OF ENGINEERS
4155 EAST CLAY STREET
VICKSBURG, MISSISSIPPI 39180-3435

NAVIGATION BULLITIN
NO. 1 OF 2013

25 November 2013

SPECIAL NOTICE
MISSISSIPPI RIVER

Pile and stone dikes have been constructed in some reaches of the river where the navigable channel has been difficult to maintain. These dike systems have been effective in reducing low water flow in secondary channels and pointways, restricting the wide reaches and holding the channel in a good alignment for navigation. Similar type systems are planned for other reaches where it appears that they will be economically and structurally feasible.

The crown of the dikes usually slopes from the high bar or top bank toward the channel. The slope varies across back channels and bars. The elevations of the crowns of the dikes vary within a system. The high point elevation of each system near the channel and near the shore is tabulated below. The elevations are referenced to the nearest standard gages located upstream and downstream of the dike field and are based on the 1993 low water river slopes between the gages and the dike locations. The actual water surface elevations based on gage reading may vary a few feet at the structure due to changes in river conditions and variations in river slopes during rapidly changing river stages.

The stone structures could do severe damage to pleasure crafts, towboats, and barges in the event of collision. Pile clusters 200 to 300 feet apart extend above the dike elevations on many stone dikes. Drift and debris may lodge on dikes and make navigation over them hazardous. Passage of vessels over dikes may cause damage to both the vessel and the structure without actually striking the dike. We, therefore, request that navigators refrain from running over the dikes at all stages.

Maps of the dike field and navigable channel are attached as prepared by River Stabilization Section, Design Branch.

Updated thru 16 March 2011
Based on 1993 LWRP

Dike Field	Sheet No.	Mile	Approximate Elevation Referred to Local Gage			Type
			Dike Near Shore	End of Dike	Gage	
Island 70 Chevrons (3)	1	609.9-609.5L	14		Helena	Stone
			12		Rosedale	
Island 70	1/2	608.9-604.6L	38	12	Helena	Stone & Pile
			37	10	Rosedale	
Henrico	2	603.9-602.5R	22	13	Helena	Stone
			21	11	Rosedale	
Smith Point	2	600.5-600.2L	39	04	Helena	Stone & Pile
			38	02	Rosedale	
Big Island Weirs	2	599.6-598.8R	-16	-16	Helena	Stone
					Rosedale	
Victoria Bend -Right	2	596.0-594.8R	24	19	Helena	Stone
			23	17	Rosedale	
Victoria Bend -Left	2	596.0-595.0L	25	13	Helena	Stone
			24	12	Rosedale	
Victoria Bend Weirs	2	595.6-594.9L	-17	-22	Helena	Stone
			-21	-24	Rosedale	
Montgomery Towhead	2	592.5-591.5R	13	13	Helena	Stone & Pile
			12	11	Rosedale	
White River Landing	3	591.2-590.7R	26	06	Rosedale	Stone
			23	09	Arkansas City	

**Approximate Elevation
Referred to Local Gage**

Dike field	Sheet No.	Mile	Dike End		Gage	Type
			Shore	of Dike		
Terrene	3	590.0-589.0L	21	16	Rosedale	Stone
			18	19	Arkansas City	
Malone Field	3	585.7-584.2R	30	22	Rosedale	Stone
			27	25	Arkansas City	
Ozark Island Closure	4	581.0R	36	11	Rosedale	Stone
			48	14	Arkansas City	
Below Prentiss	4	580.4-577.4L	26	24	Rosedale	Stone
			29	27	Arkansas City	
Above Ozark	4	580.2-579.9R	31	16	Rosedale	Stone
			43	19	Arkansas City	
Catfish Point	5	571.2-570.2L	35	15	Rosedale	Stone
			32	18	Arkansas City	
Chicot Landing	5	565.6-560.0R	35	13	Rosedale	Stone
			32	16	Arkansas City	
Ashbrook Cutoff	6	549.2-548.3L	15	15	Arkansas City	Stone & Pile
			26	27	Greenville	
Ashbrook-Miller Bend	6	548.2-546.5R	24	2	Arkansas City	Stone
			35	14	Greenville	
Ashbrook-Miller Bend	6	548.0-545.8L	29	9	Arkansas City	Stone
			40	21	Greenville	
Below Yellow Bend	6	549.1-549.6.R	30	-11	Arkansas City	Stone
			40	2	Greenville	
Island 82-Miller Bend	7	545.8-543.8L	24	12	Arkansas City	Stone
			35	24	Greenville	
Island 82-Miller Bend	7	545.2-543.3R	32	12	Arkansas City	Stone
			43	24	Greenville	
Leland Neck	7	541.2-540.3L	24	07	Arkansas City	Stone
			35	20	Greenville	
Tarpley Cutoff	7	541.4-539.5R	25	15	Arkansas City	Stone
			36	27	Greenville	
Tarpley Island	7	541.7-542.5R	40	14	Arkansas City	Stone
			50	27	Greenville	
Leland Bar	7	536.3-536.6R	28	14	Arkansas City	Stone
			39	26	Greenville	
Leland Vane	7	536.9-536.4R		14	Arkansas City	Stone
				26	Greenville	
Warfield Point	8	535.3L	08	05	Arkansas City	Stone
			30	17	Greenville	
Island 84	8	534.8-531.9L	16	11	Arkansas City	Stone
			27	24	Greenville	
Vaucluse Bendway Weirs	8	533.5-532.8	-08	-08	Greenville	Stone
Refuge	8	529.3-525.9L	44	42	Greenville	Stone
			34	33	Vicksburg	
Anconia	8	527.0-526.0R	33	21	Greenville	Stone
			19	13	Vicksburg	
Walnut Point	9	524.8-524.4L	31	17	Greenville	Stone
			21	08	Vicksburg	
Seven Oaks	9	524.2-522.8R	41	24	Greenville	Stone & Pile
			31	15	Vicksburg	
Island 86	9	520.6-517.1R	40	28	Greenville	Stone
			30	19	Vicksburg	
Leota	9	515.4-513.0L	32	27	Greenville	Stone
			22	18	Vicksburg	
Cracraft	10	513.0-512.6R	49	24	Greenville	Stone
			39	15	Vicksburg	
Cracraft Lower	10	510.2-508.8R	36	26	Greenville	Stone
			26	17	Vicksburg	

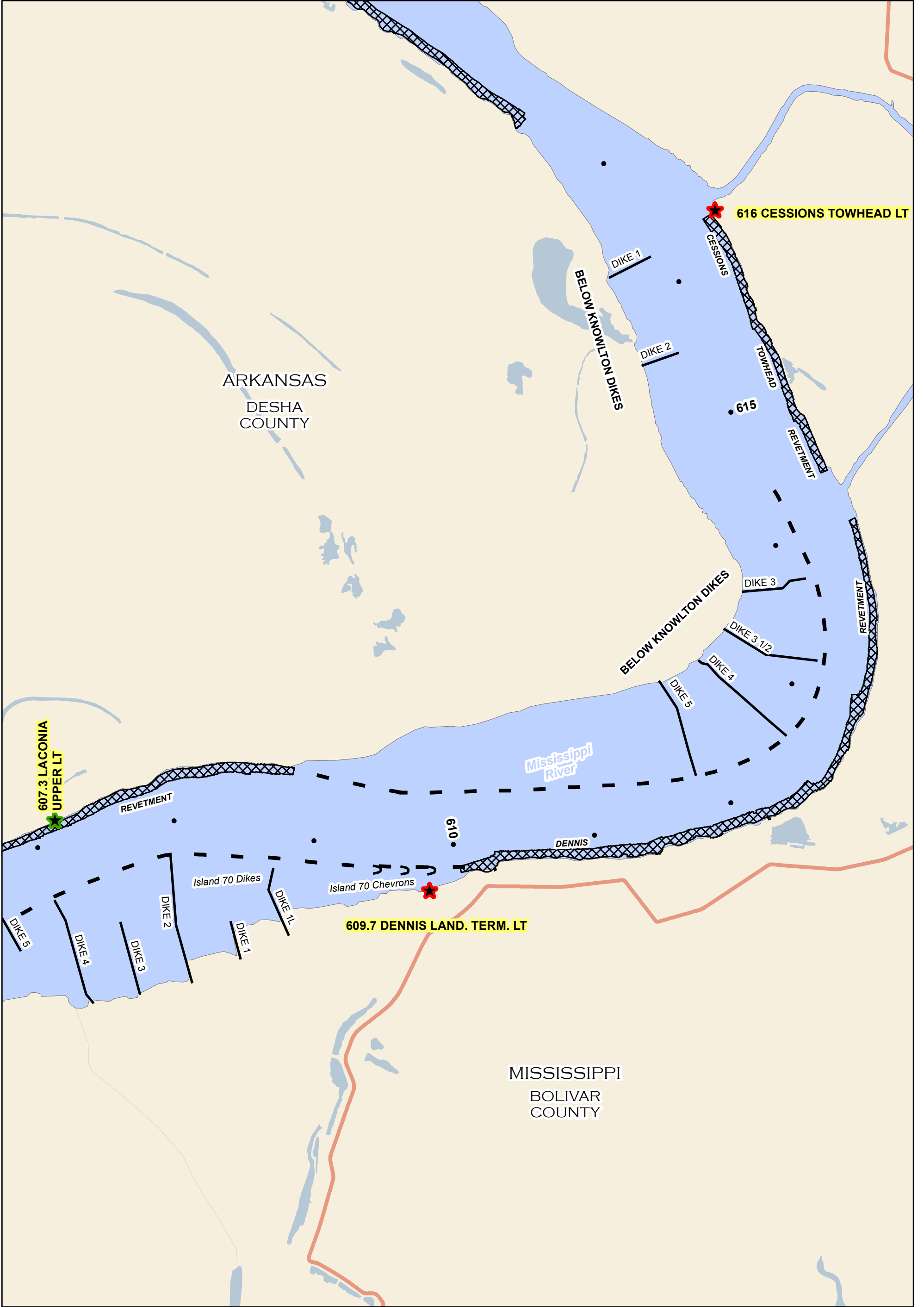
**Approximate Elevation
Referred to Local Gage**

Dike field	Sheet No.	Mile	Dike		Gage	Type
			Near Shore	End of Dike		
Carolina	10	509.7-509.0L	40	19	Greenville	Stone
			30	10	Vicksburg	
Corregidor	10	505.8-505.1L	47	23	Greenville	Stone
			36	14	Vicksburg	
Wilson Point	11	500.6-498.3R	36	32	Greenville	Stone
			26	23	Vicksburg	
Baleshed Landing	11/12	494.6-490.2L	39	27	Greenville	Stone
			29	18	Vicksburg	
Ben Lomond	12	488.6-485.3L	37	29	Greenville	Stone
			27	20	Vicksburg	
Ben Lomond Vane	12	487.8-485.3L		29	Greenville	Stone
				20	Vicksburg	
Ajax Bar	12	484.5-479.8L	52	34	Greenville	Stone
			43	25	Vicksburg	
Point Lookout	13	477.9R	56	12	Greenville	Stone
			46	03	Vicksburg	
Arcadia Point	14	471.2-468.5L	51	42	Greenville	Stone
			41	33	Vicksburg	
Cottonwood Bar	14	471.3-471.1R	46	22	Greenville	Stone
			35	23	Vicksburg	
Tennessee Bar	14	466.7-463.6L	18	24	Greenville	Stone
			47	15	Vicksburg	
Willow Cutoff	15	462.9-460.1R	51	32	Greenville	Stone
			40	23	Vicksburg	
Below Belle Island	15	457.8-457.4R		11	Greenville	Stone
				02	Vicksburg	
Forest Home Towhead	15	452.0-448.1L	52	30	Greenville	Stone
			43	21	Vicksburg	
Marshall Cutoff	16	448.2-447.2R	42	20	Greenville	Stone
			31	11	Vicksburg	
Marshall Brown Hardpoints	16	444.6R	33	13	Greenville	Stone
			24	04	Vicksburg	
False Point	17	440.8-440.1R	49	31	Greenville	Stone
			39	22	Vicksburg	
Delta Point Chevron (1)	17	439.5-R		27	Greenville	Stone
				18	Vicksburg	
Delta Point	17	439.3-438.9R	28	27	Greenville	Stone
			22	18	Vicksburg	
Racetrack Towhead	17	432.8-430.2R	28	20	Vicksburg	Car Bodies & Stone
			33	19	Natchez	
Below Racetrack Stone Extensions	17/18	431.5-426.9L	36	23	Vicksburg	Stone & Pile
			41	27	Natchez	
Diamond Cutoff	18	424.0-422.5L	32	18	Vicksburg	Stone
			33	23	Natchez	
Newtown Bend	18/19	421.1-419.5R	35	23	Vicksburg	Stone
			41	28	Natchez	
Togo Island	19	417.0-413.2L	43	24	Vicksburg	Stone
			48	29	Natchez	
Yucatan	19	411.4-407.4R	44	16	Vicksburg	Stone
			49	21	Natchez	
Coffee Point	20	405.0-401.8R	40	19	Vicksburg	Stone
			46	24	Natchez	
Below Grand Gulf	21	400.3-399.0L	40	12	Vicksburg	Stone
			38	17	Natchez	
Bondurant Towhead	21	395.5-394.0R	38	15	Vicksburg	Stone
			43	20	Natchez	
Browns Field	22	390.1-388.2R	35	15	Vicksburg	Stone
			41	20	Natchez	

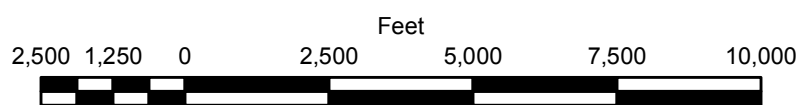
Cottage Bend	22	389.2-388.2L	44	23	Vicksburg	Stone
			50	28	Natchez	
Approximate Elevation Referred to Local Gage						
			Dike	End		
Dike field	Sheet	Mile	Near	of	Gage	Type
	No.		Shore	Dike		
Spithead Towhead	22/23	386.3-384.3L	43	32	Vicksburg	Stone
			48	37	Natchez	
Waterproof	23	380.5-378.4R	39	18	Vicksburg	Stone & Pile
			45	22	Natchez	
Opposite Rifle Point	24	369.4-368.5L	43	17	Natchez	Stone
Rifle Point	24/25	368.6-367.6R	42	17	Natchez	Stone
Natchez Island	25/26	360.1-356.8R	46	17	Natchez	Stone
Carthage Point	26	358.6-357.9L	43	17	Natchez	Stone
Opposite Warnicott Ldg	26/27	352.5-349.6L	38	28	Natchez	Stone & Pile
Esperance Point	27	348.2-345.9R	46	22	Natchez	Stone
Opposite Esperance Pt	27	347.8-346.8L	41	38	Natchez	Stone
Buck Island	28	339.7-338.5L	47	15	Natchez	Stone
Fritz Island	28	338.5-337.0R	40	25	Natchez	Stone
Jackson Point	29	331.4-330.3L	26	21	Natchez	Stone
Spithead Towhead	23	386.3-384.3L	43	32	Vicksburg	Stone
			48	37	Natchez	
Waterproof	23	380.5-378.4R	39	17	Vicksburg	Stone & Pile
			45	22	Natchez	
Opposite Rifle Point	24	369.4-368.5L	43	17	Natchez	Stone
Rifle Point	24/25	368.6-367.6R	42	17	Natchez	Stone
Natchez Island	26	360.1-356.8R	46	17	Natchez	Stone
Carthage Point	26	358.6-357.9L	43	17	Natchez	Stone
Opposite Warnicott Ldg	26/27	352.5-349.6L	38	28	Natchez	Stone & Pile
Esperance Point	27	348.2-345.9R	46	22	Natchez	Stone
Opposite Esperance Pt	27	347.8-346.8L	41	38	Natchez	Stone
Buck Island	28	339.7-338.5L	47	15	Natchez	Stone
Fritz Island	28	338.5-337.0R	40	25	Natchez	Stone
Jackson Point	28	331.4-330.3L	26	21	Natchez	Stone

James Ross
Chief, Operations Division

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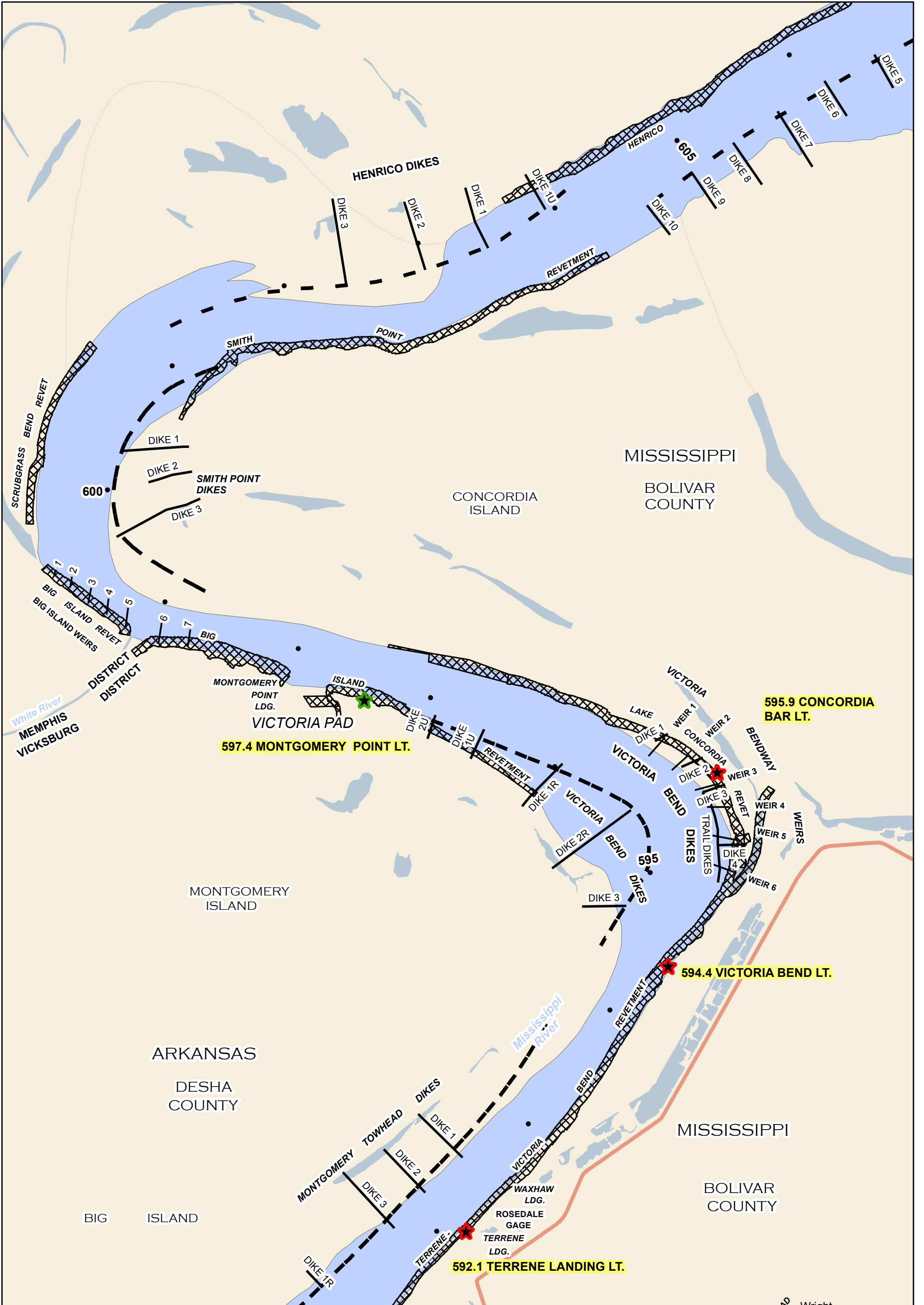
RM 607-617



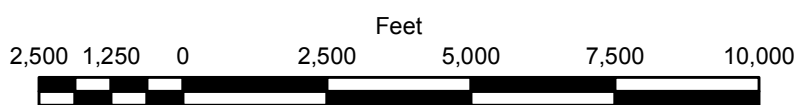
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MAP NO. 01

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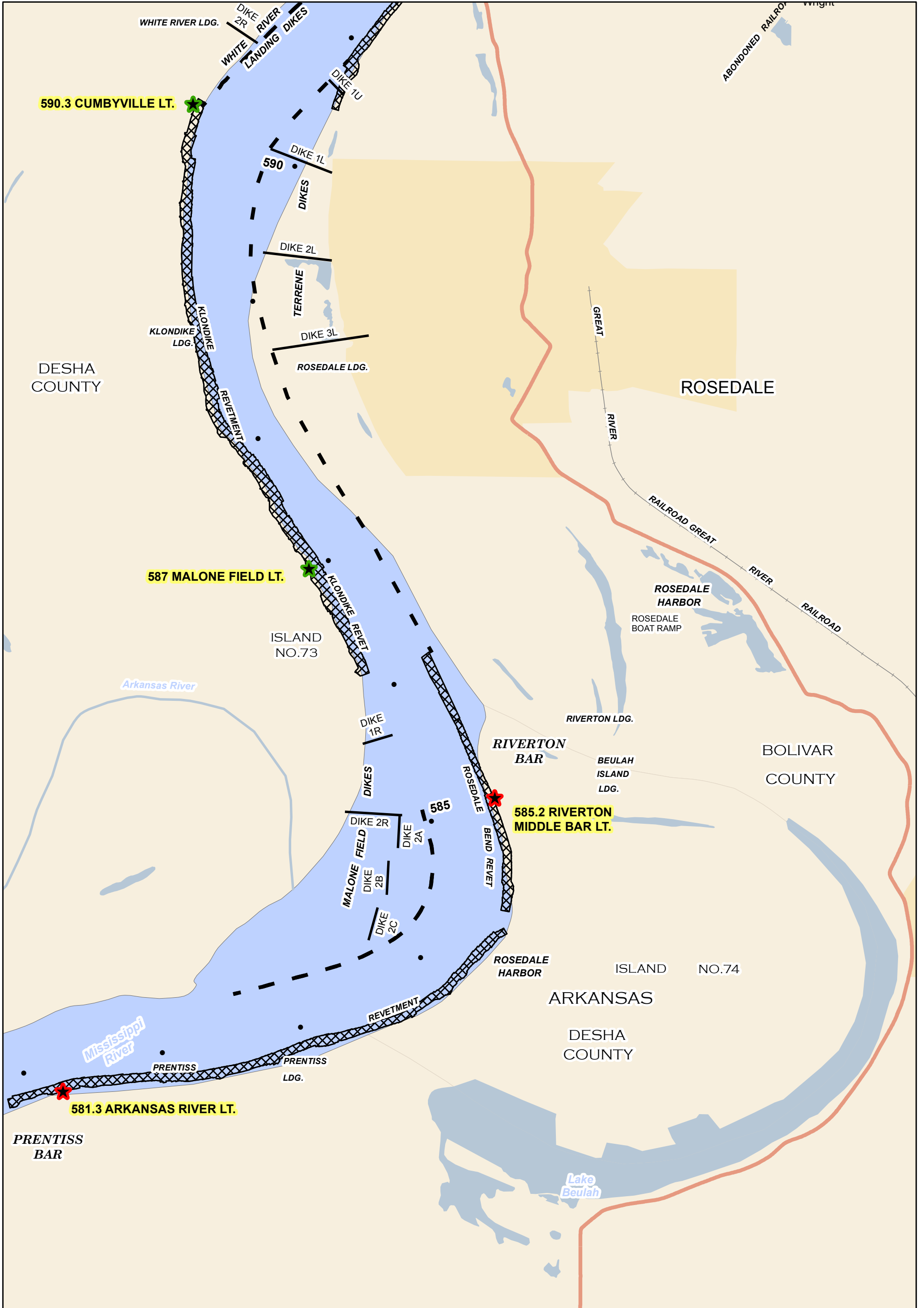
RM 607-592



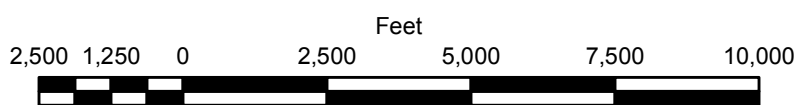
MAP NO. 02

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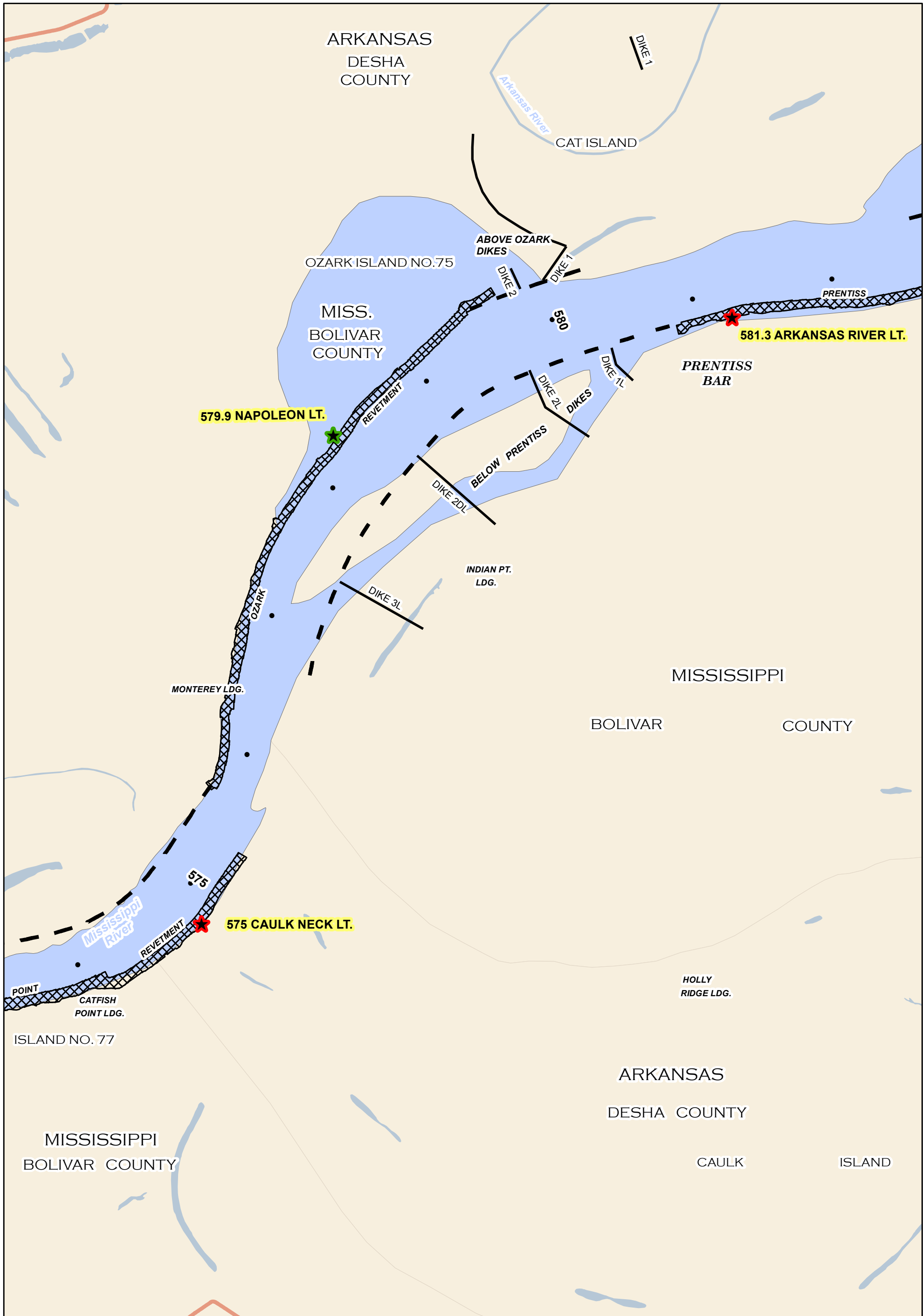
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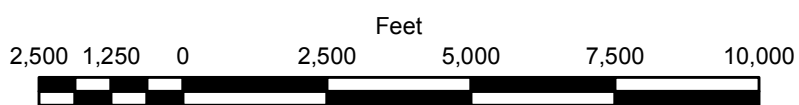
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MAP NO. 03

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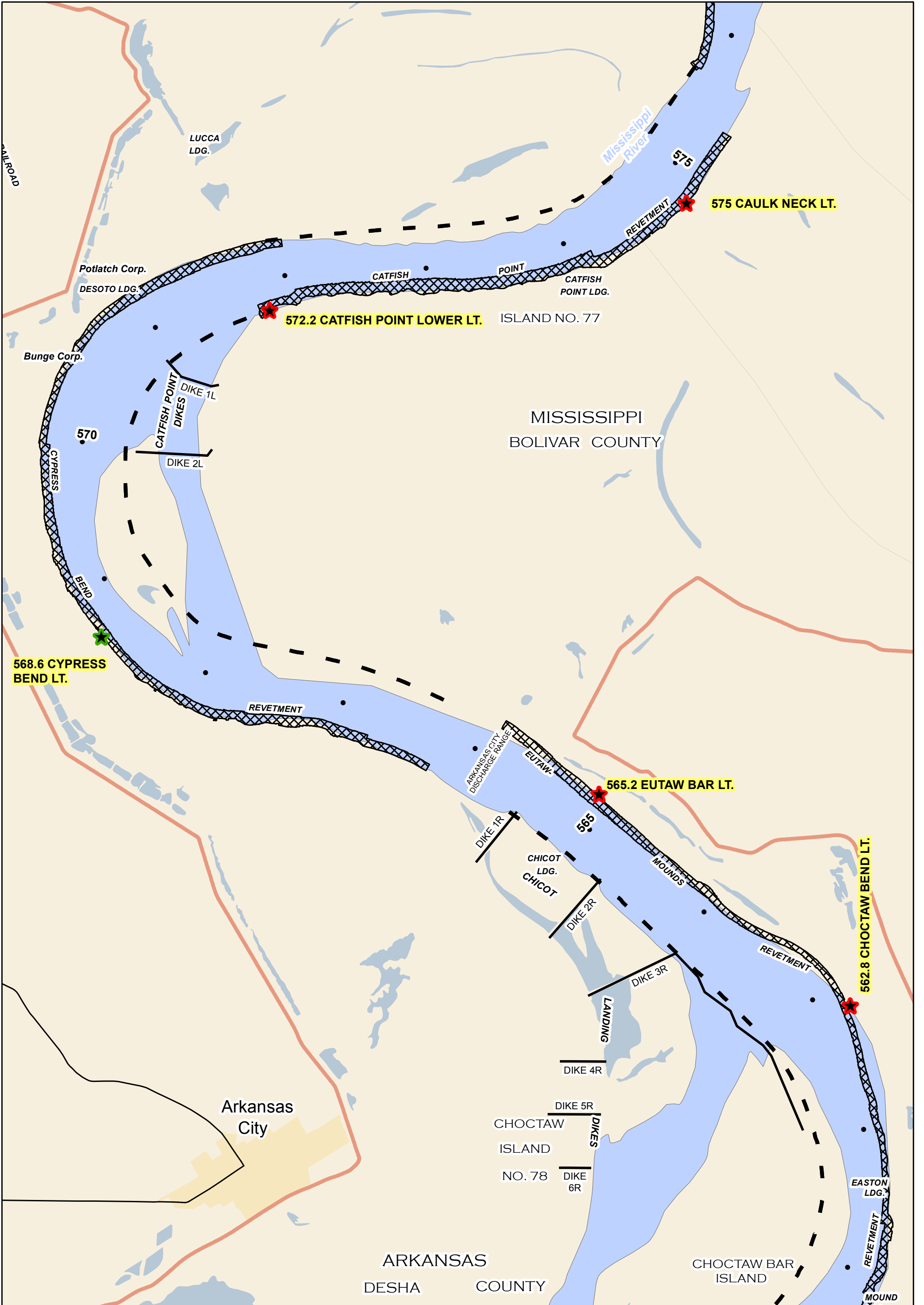
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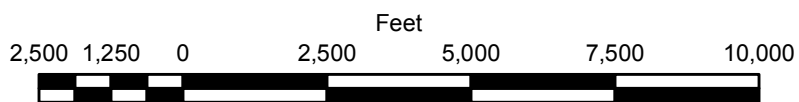
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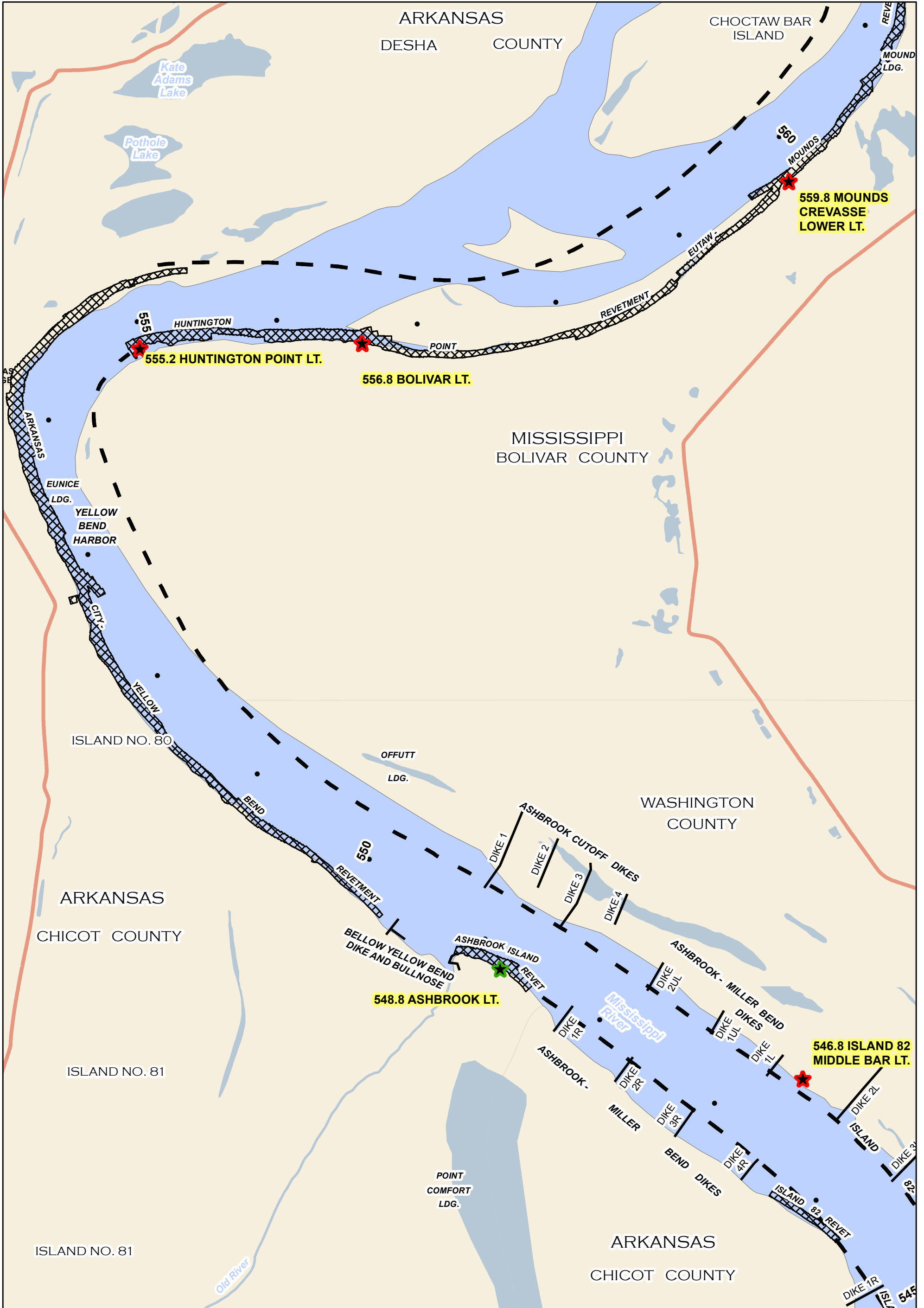
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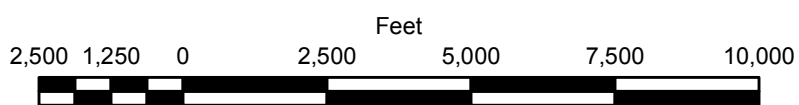
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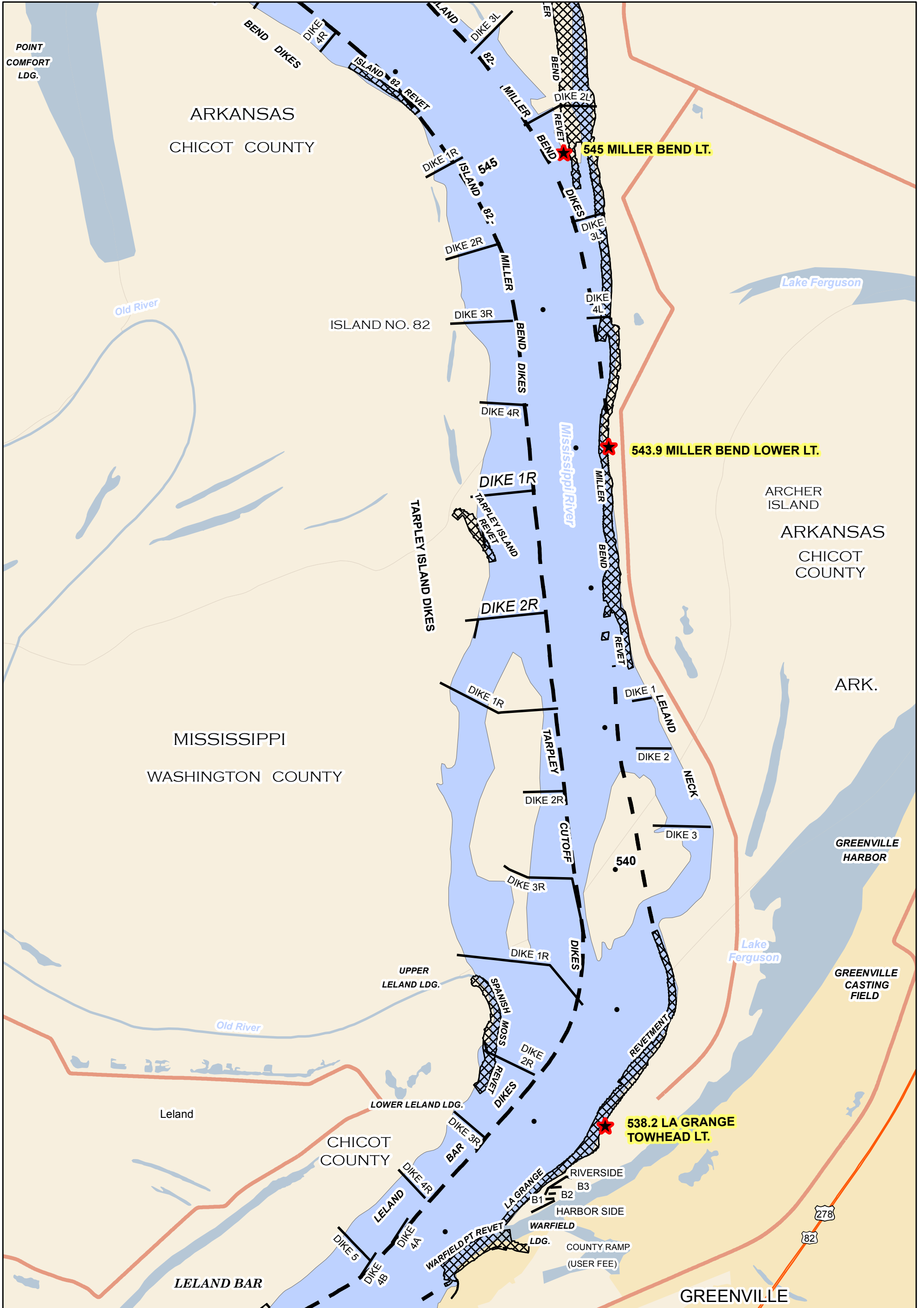


RM 545-561

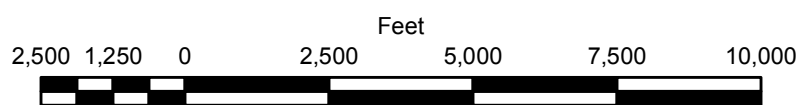


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RM 537-546

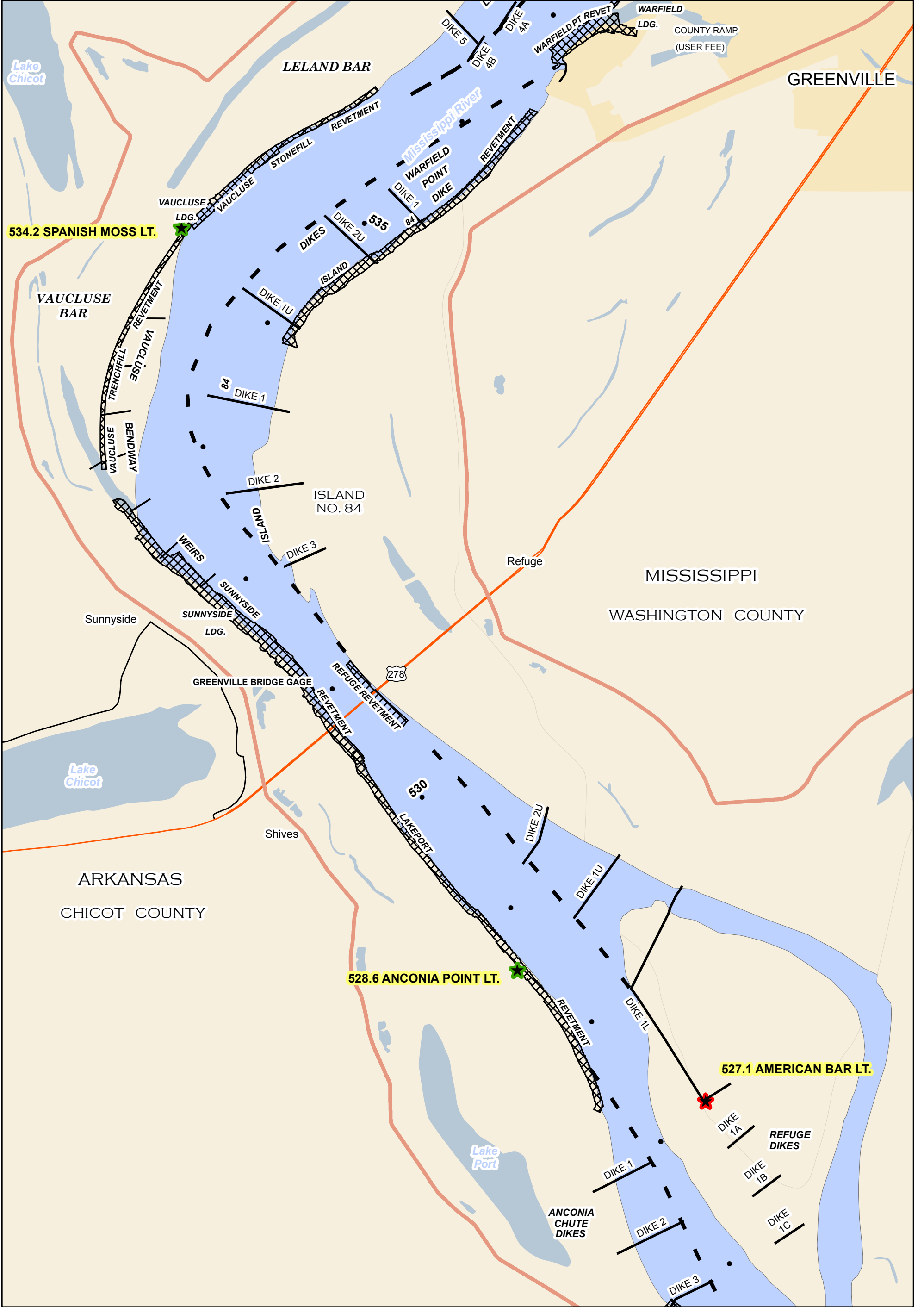


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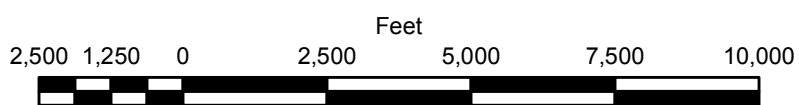
MAP NO. 07

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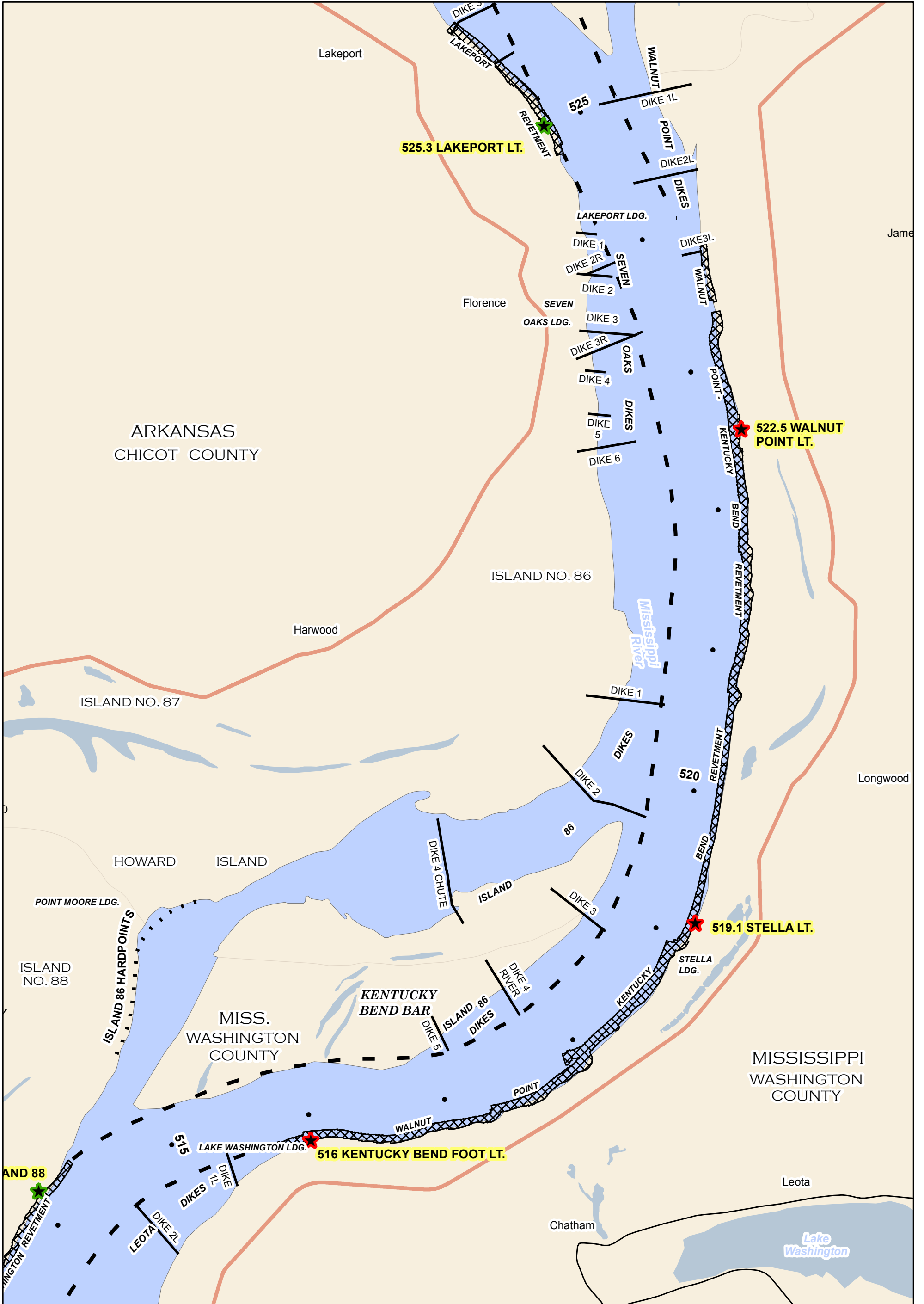
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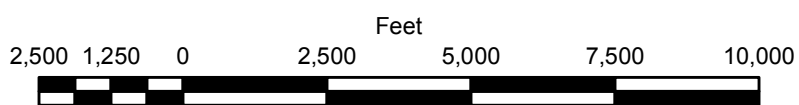
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MAP NO. 08

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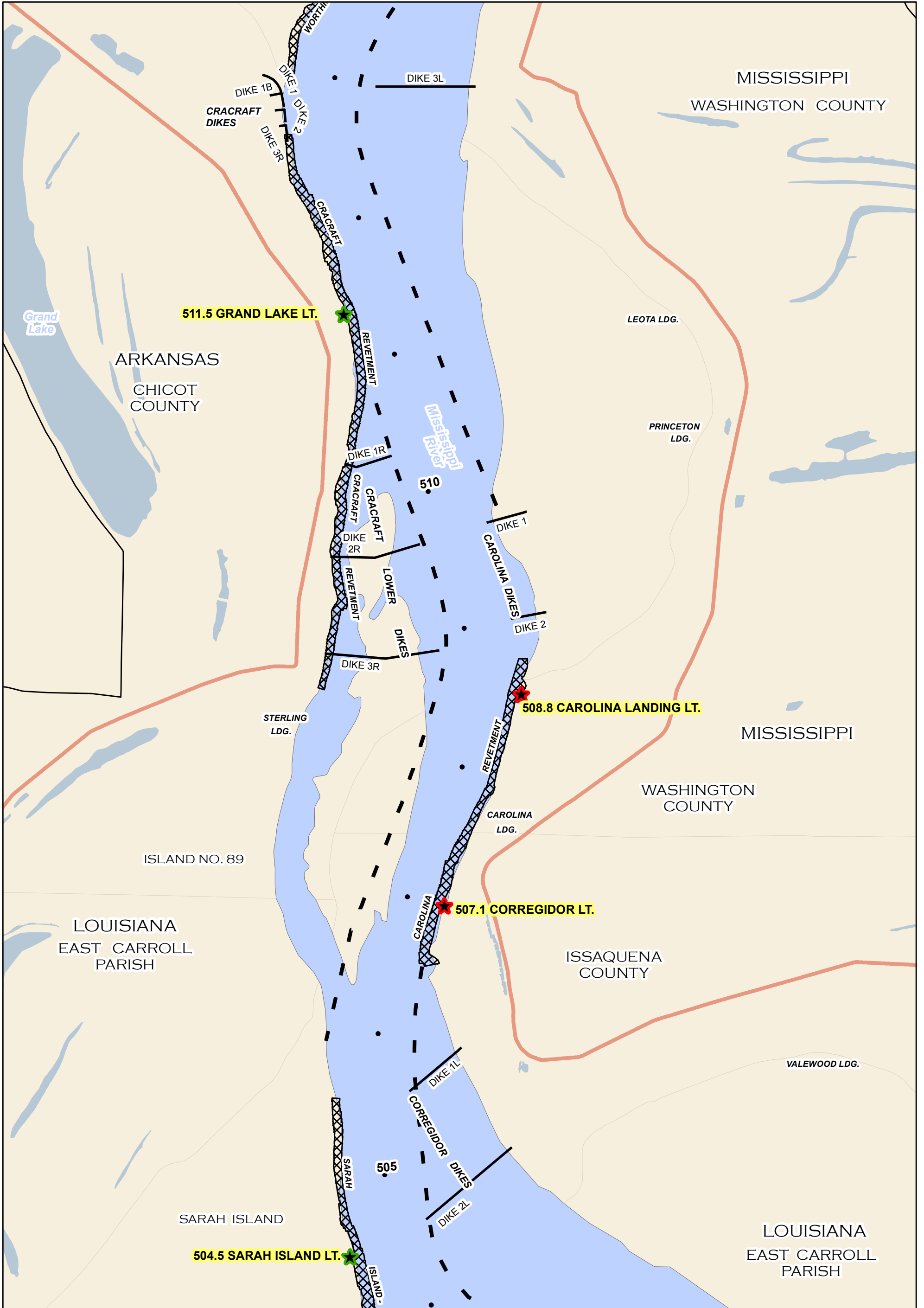


RM 514-526

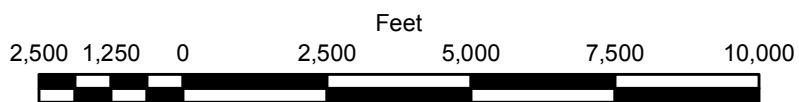


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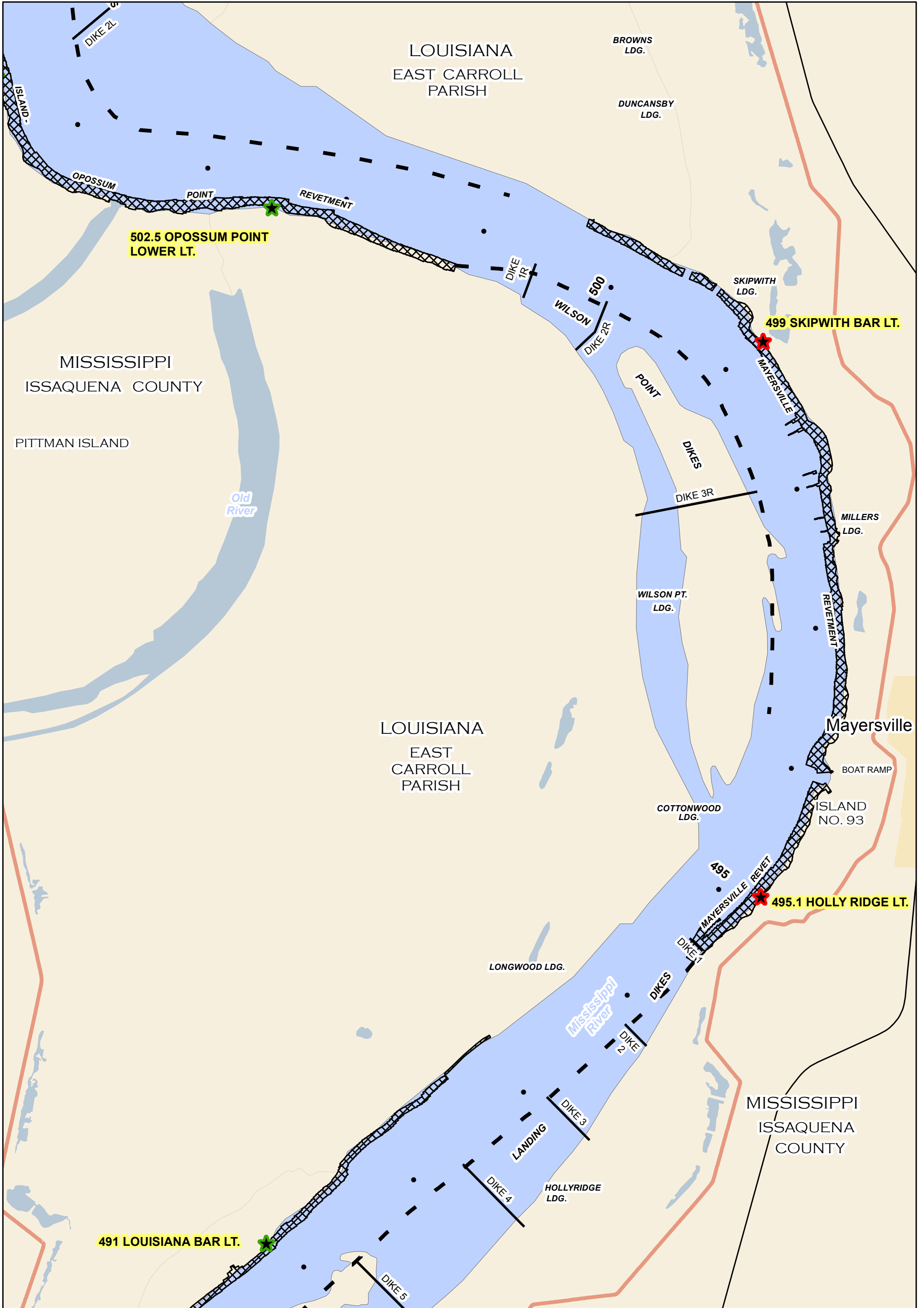
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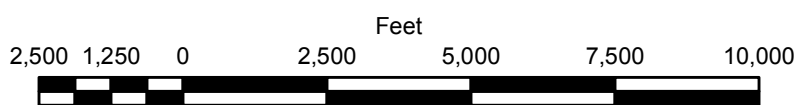
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MAP NO. 10

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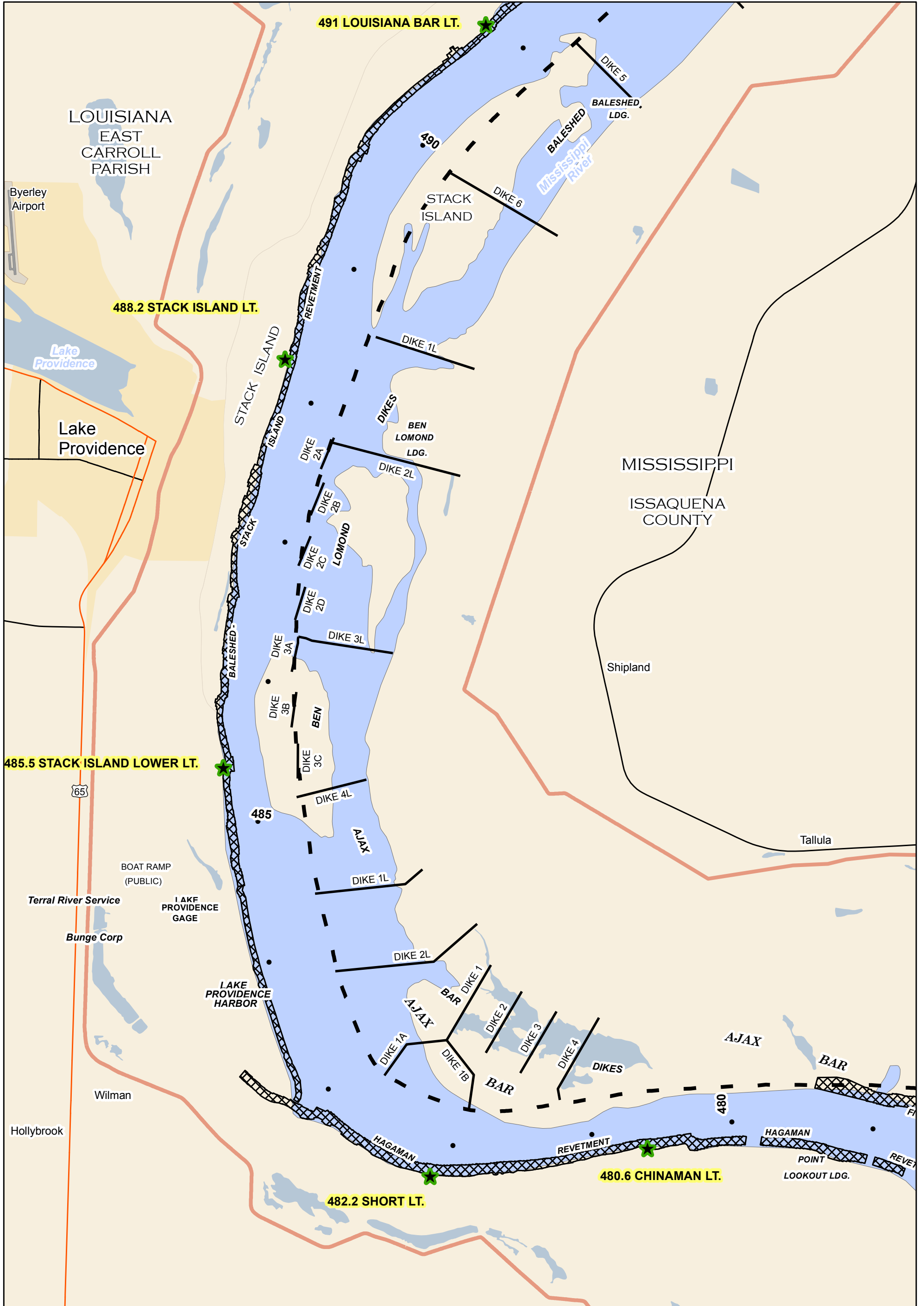
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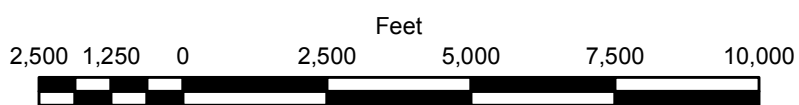
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MAP NO. 11

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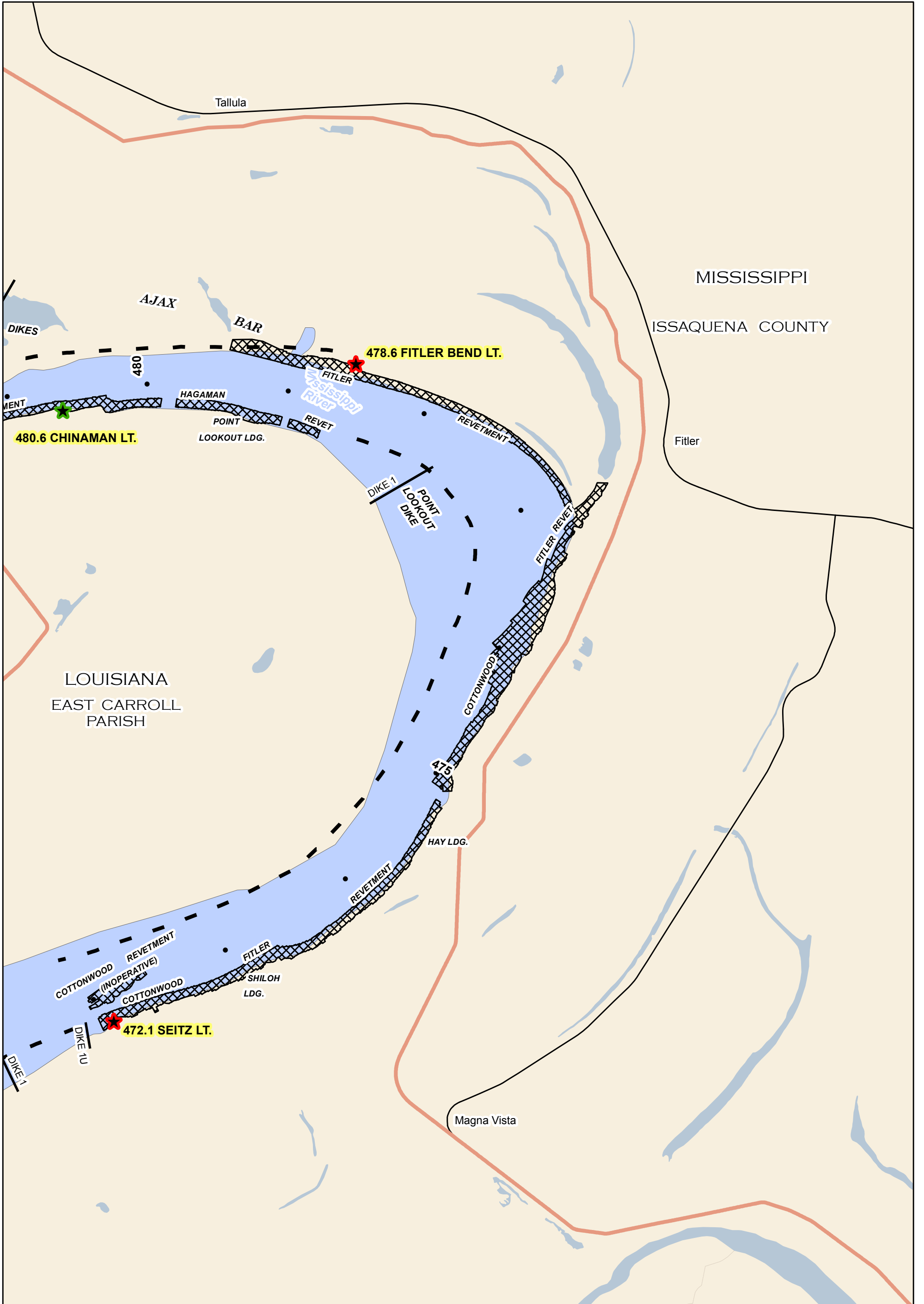
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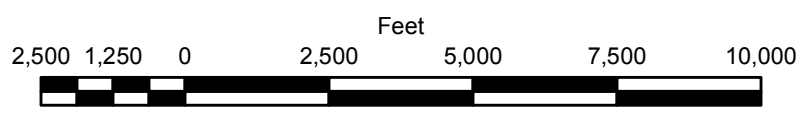
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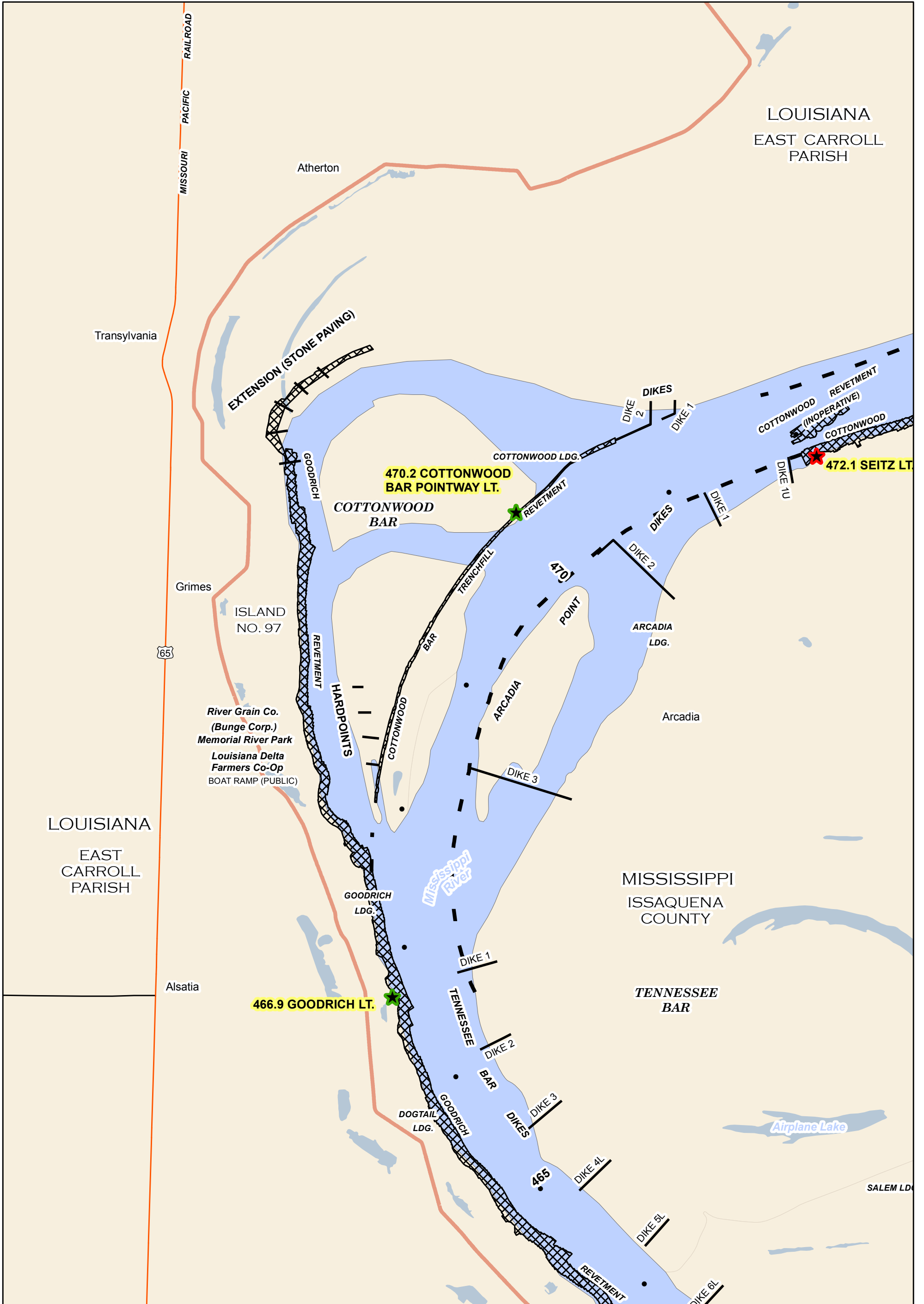


RM 472-481

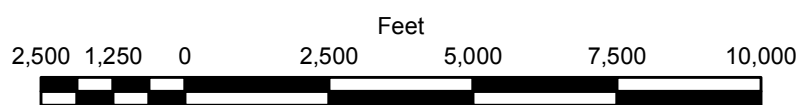


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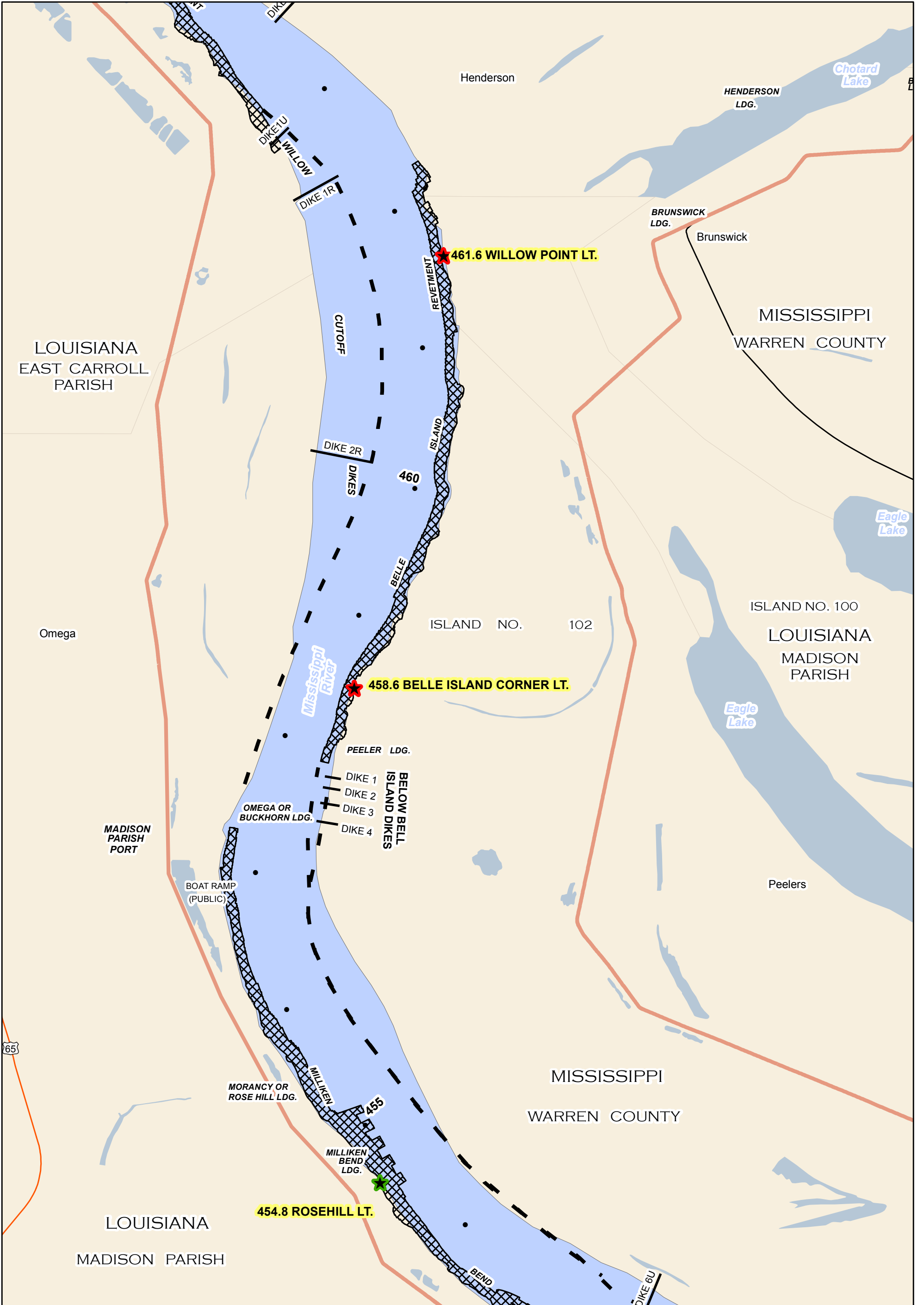
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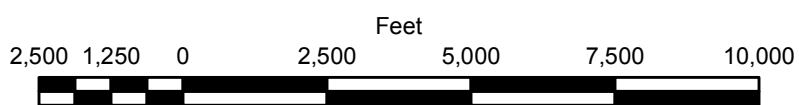
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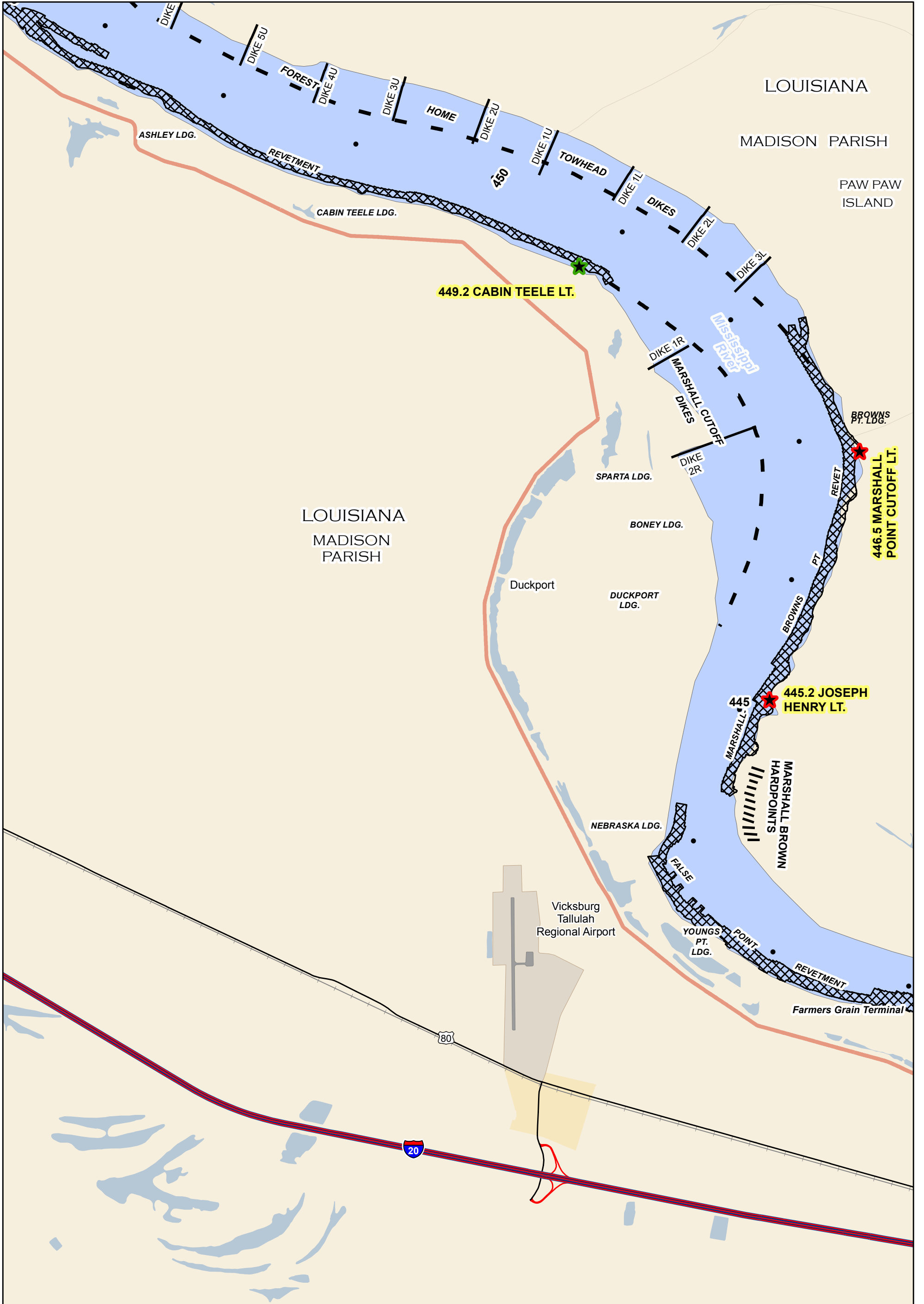
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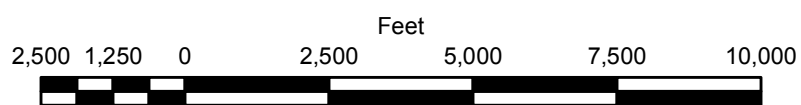
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MAP NO. 15

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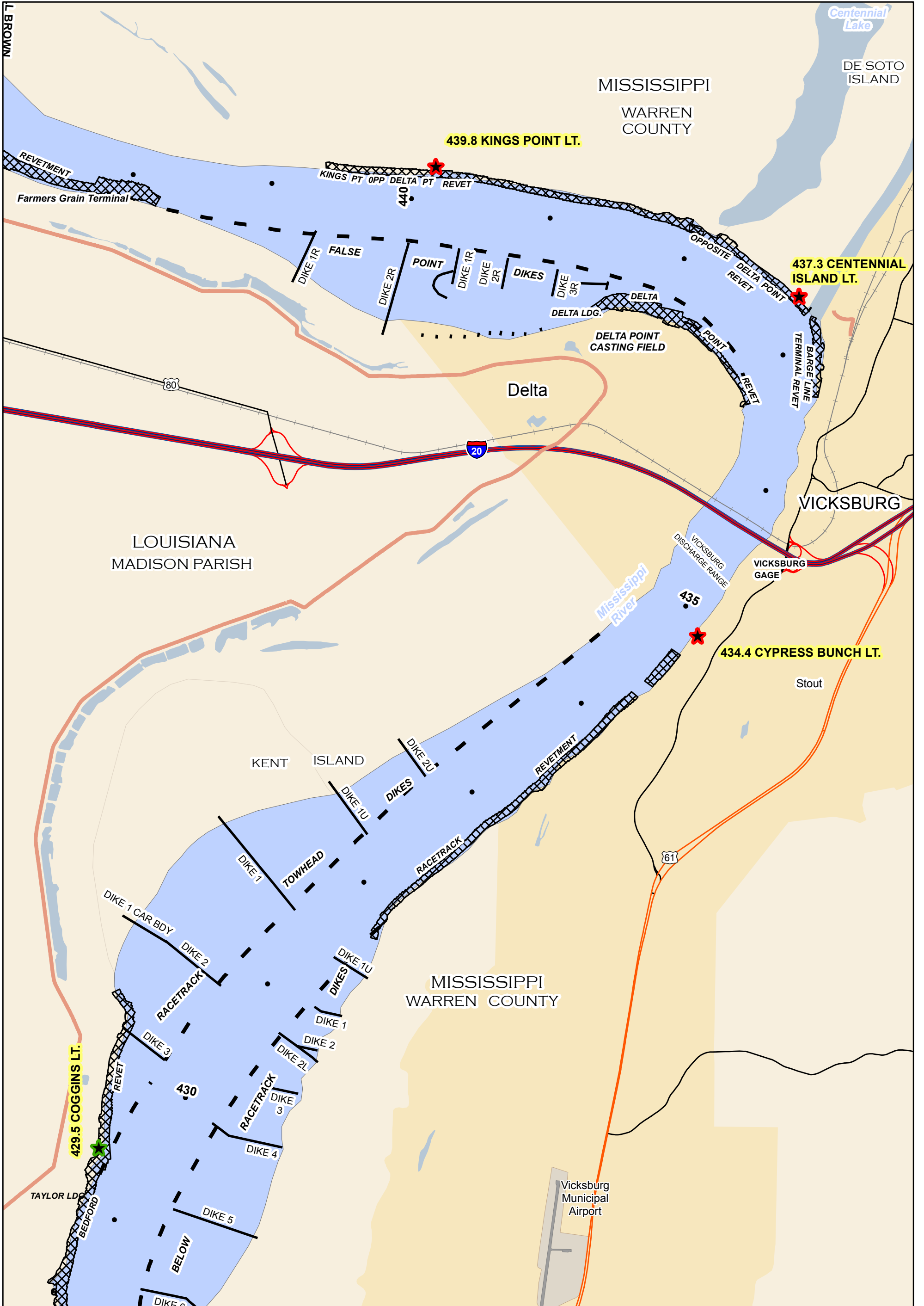
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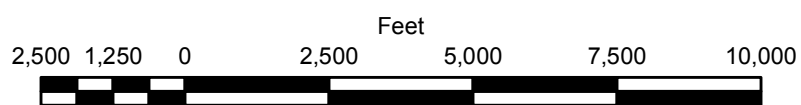
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MAP NO. 16

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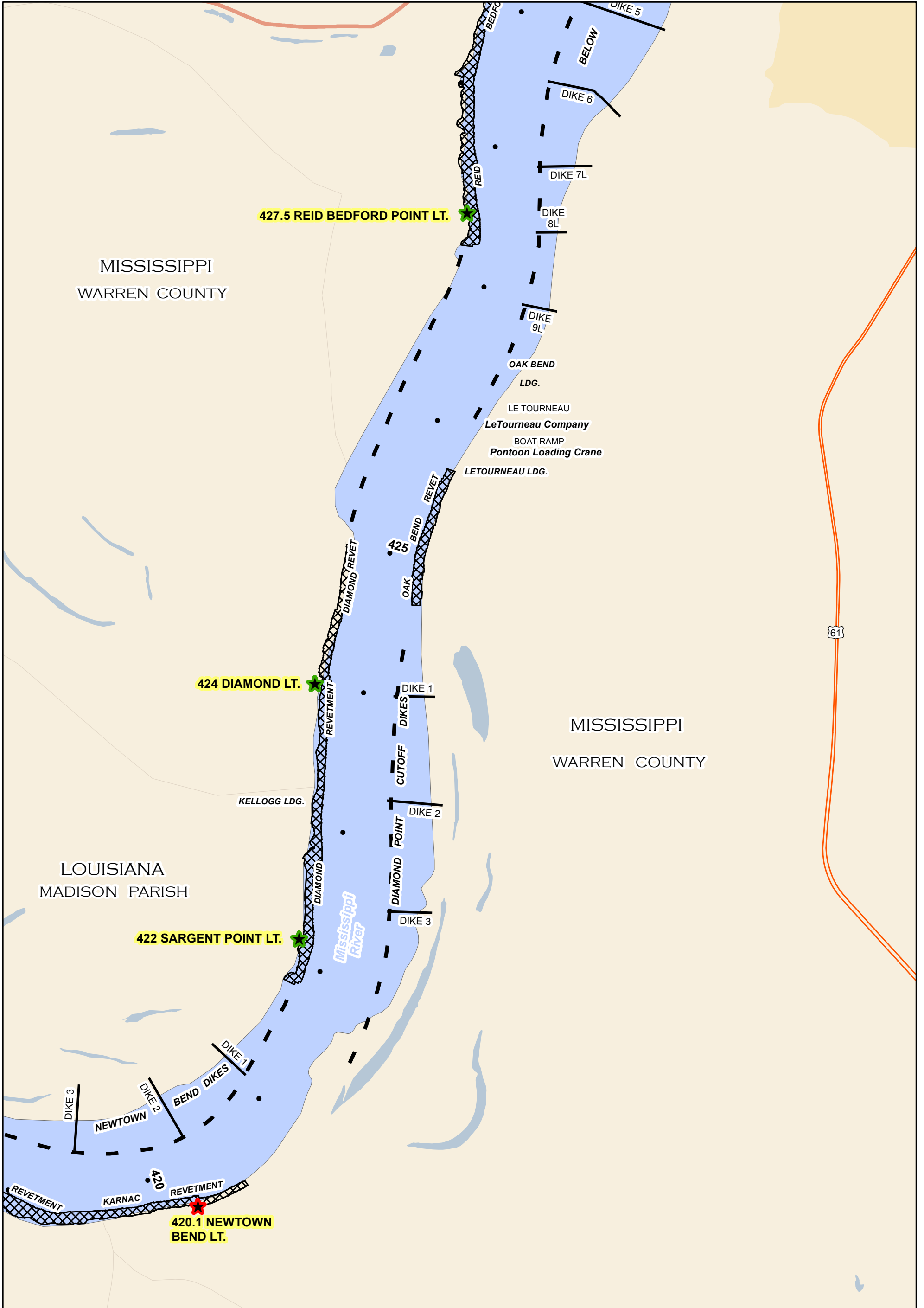
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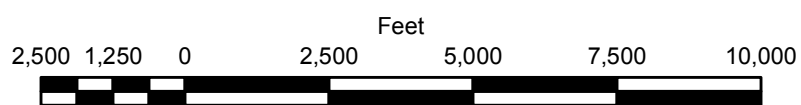
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MAP NO. 17

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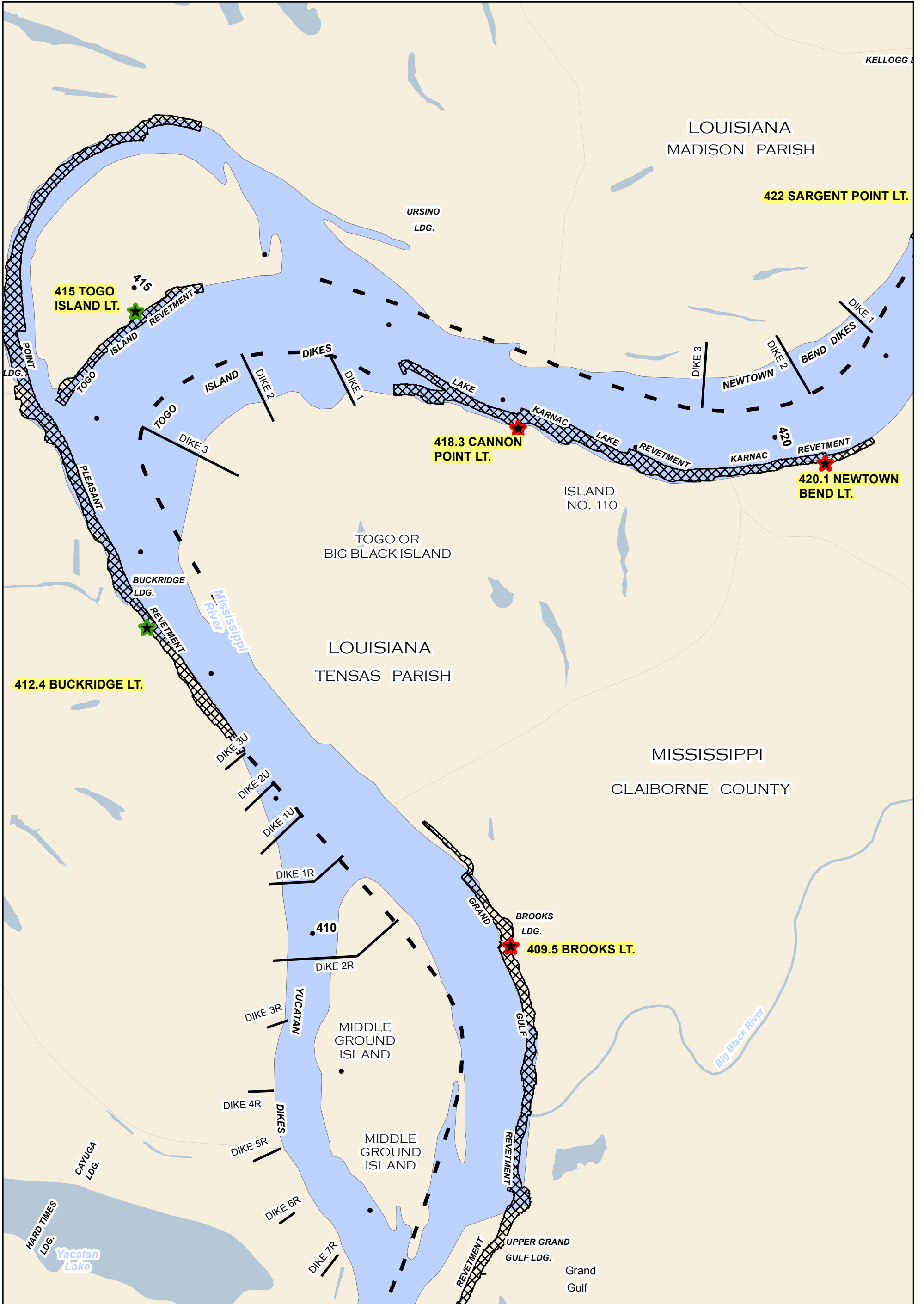
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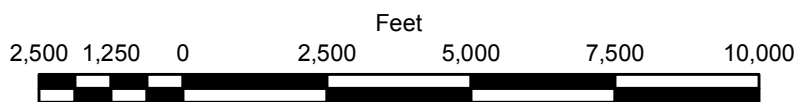
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MAP NO. 18

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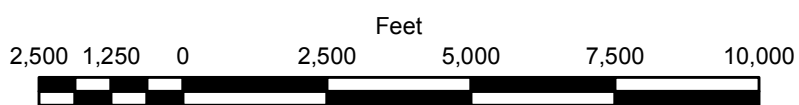
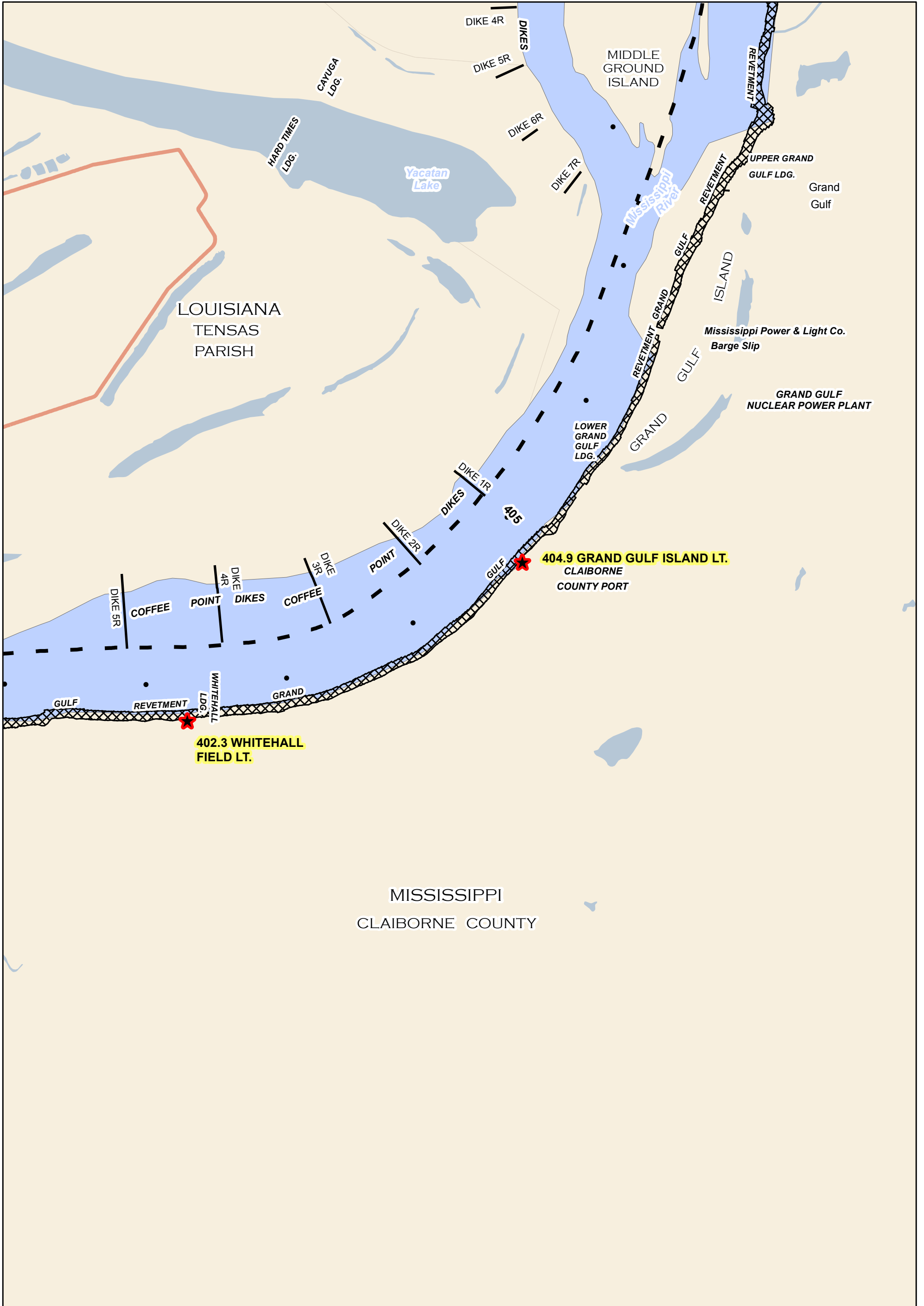


RM 407-421

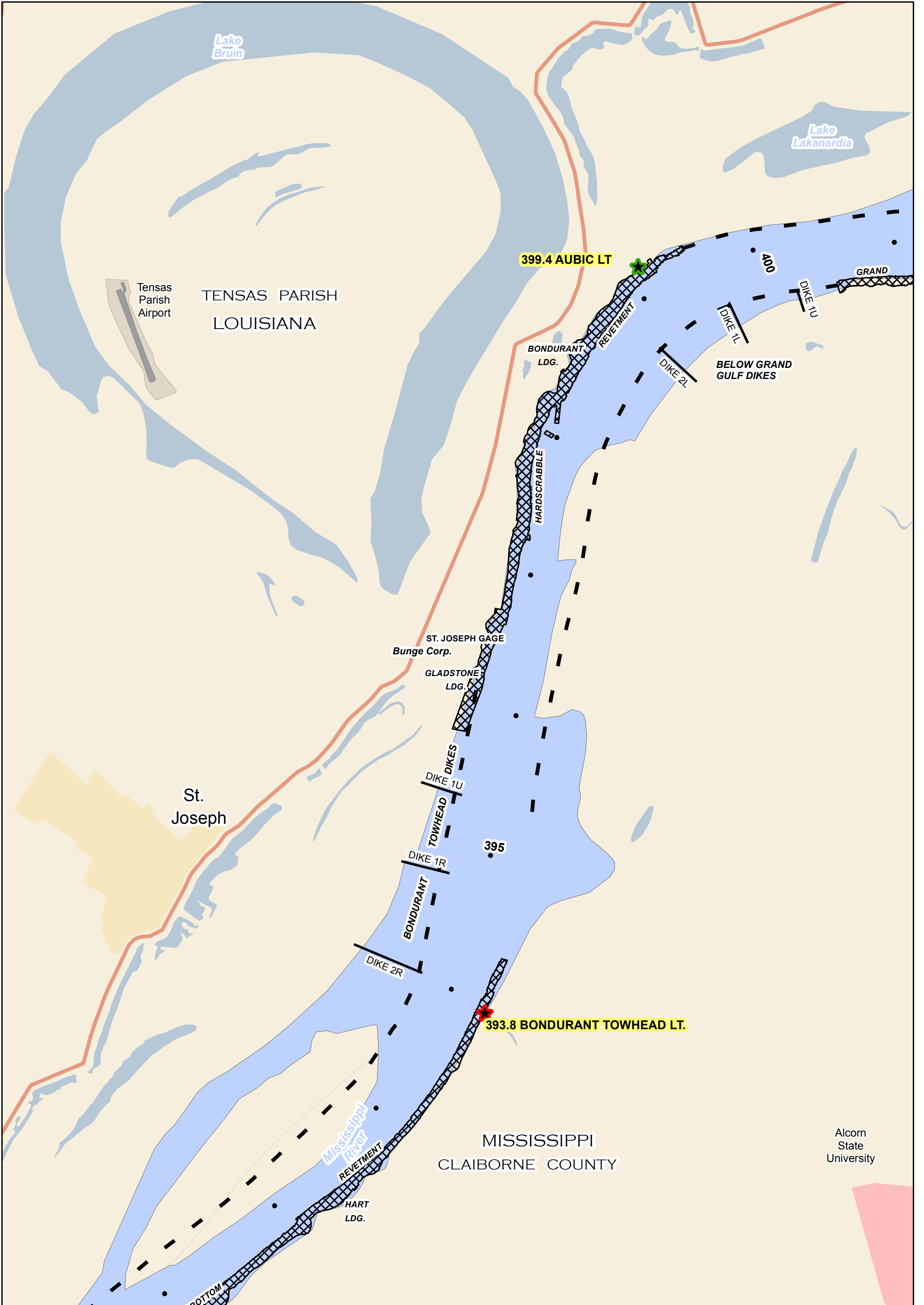


MAP NO. 19

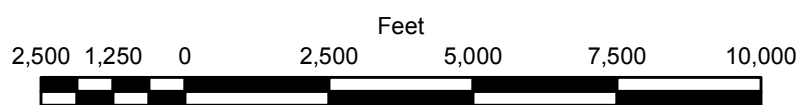
2013 VICKSBURG DISTRICT NAVIGATION BULLETIN



2013 VICKSBURG DISTRICT NAVIGATION BULLETIN



RM 391-401

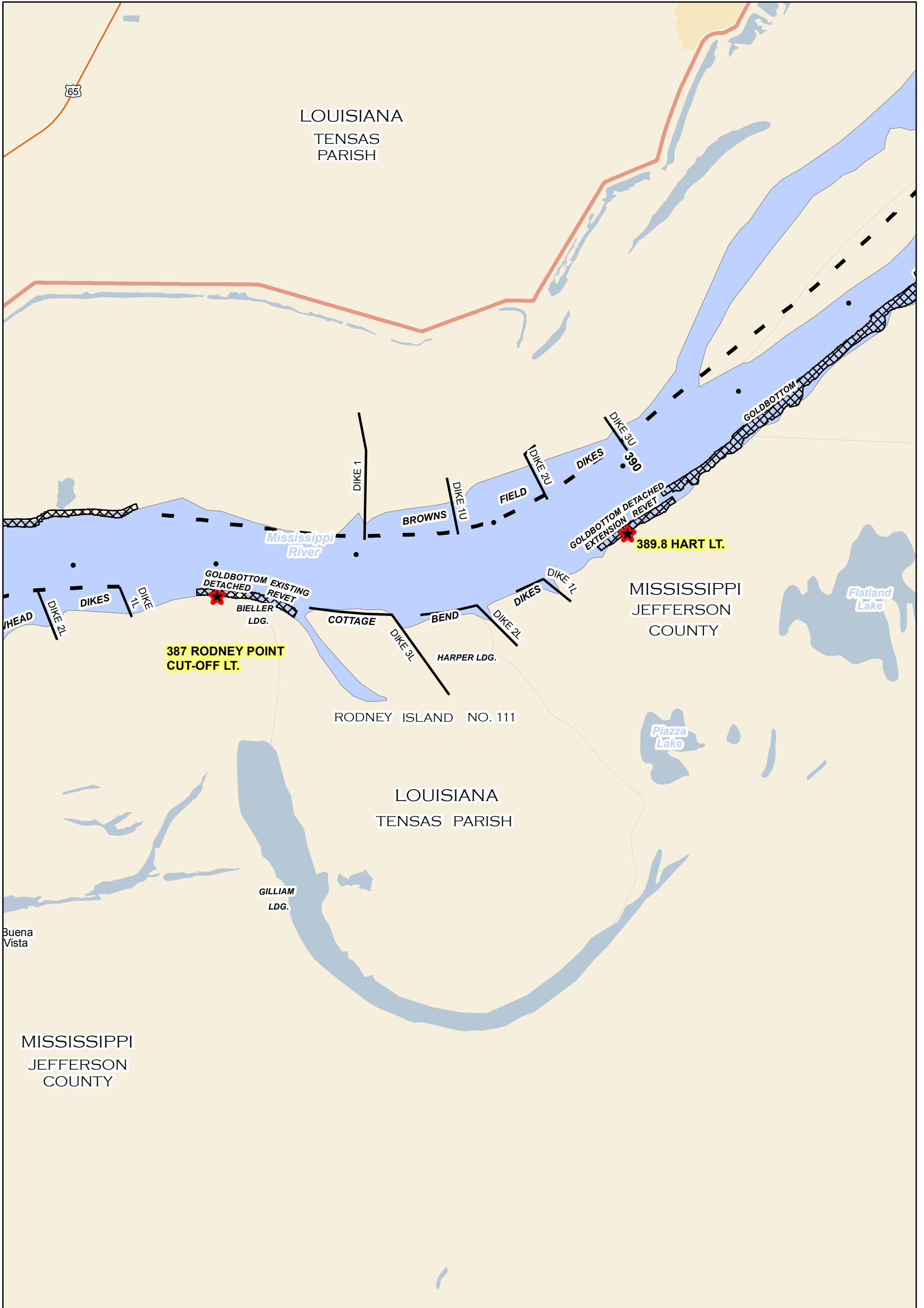


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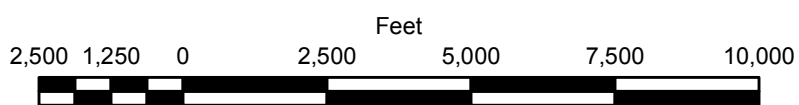
MAP NO. 21

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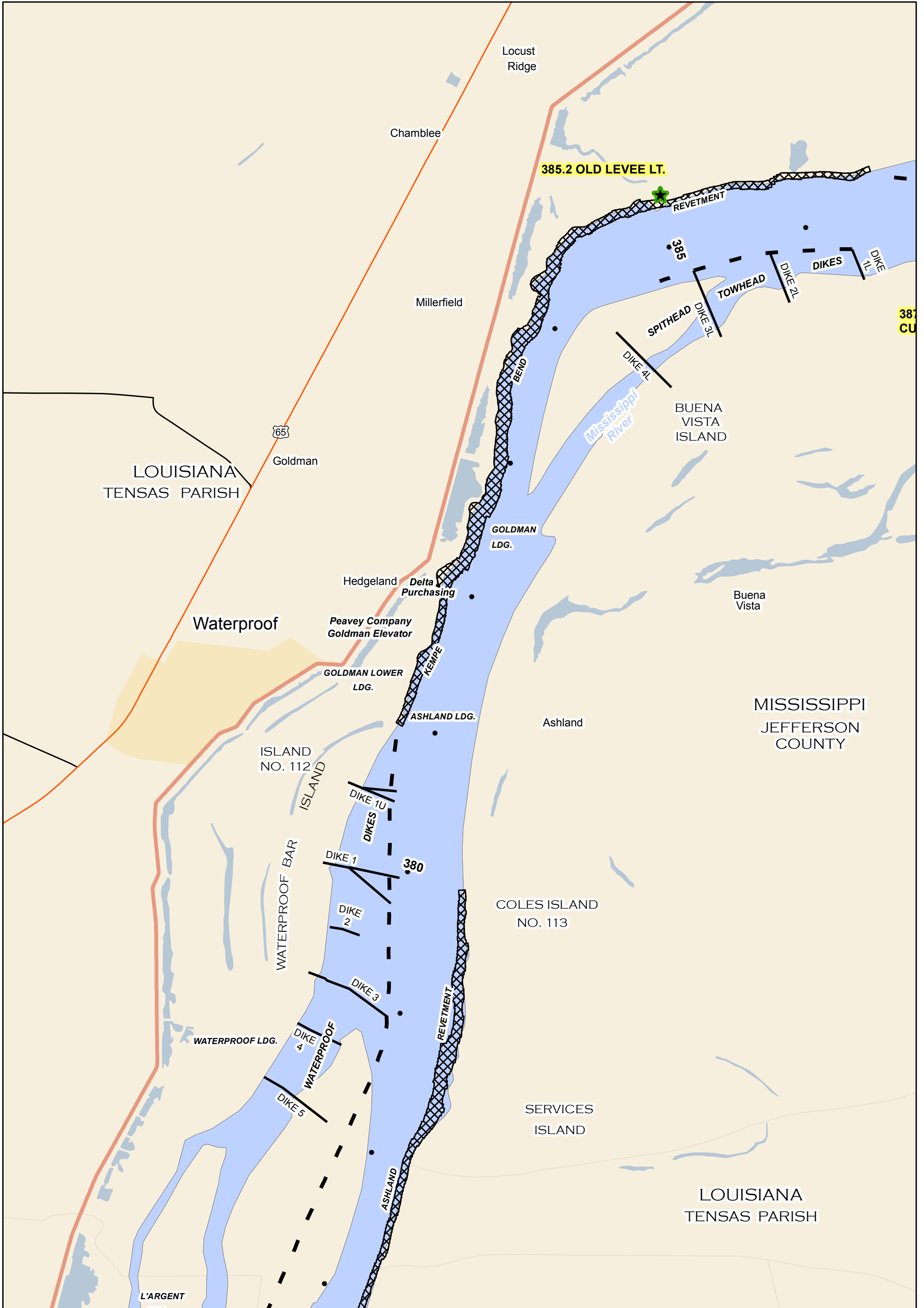
RM 386-392



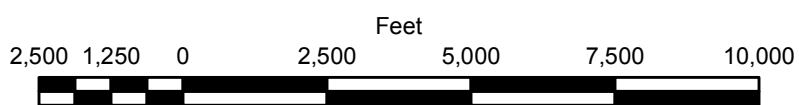
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MAP NO. 22

2013 VICKSBURG DISTRICT NAVIGATION BULLETIN



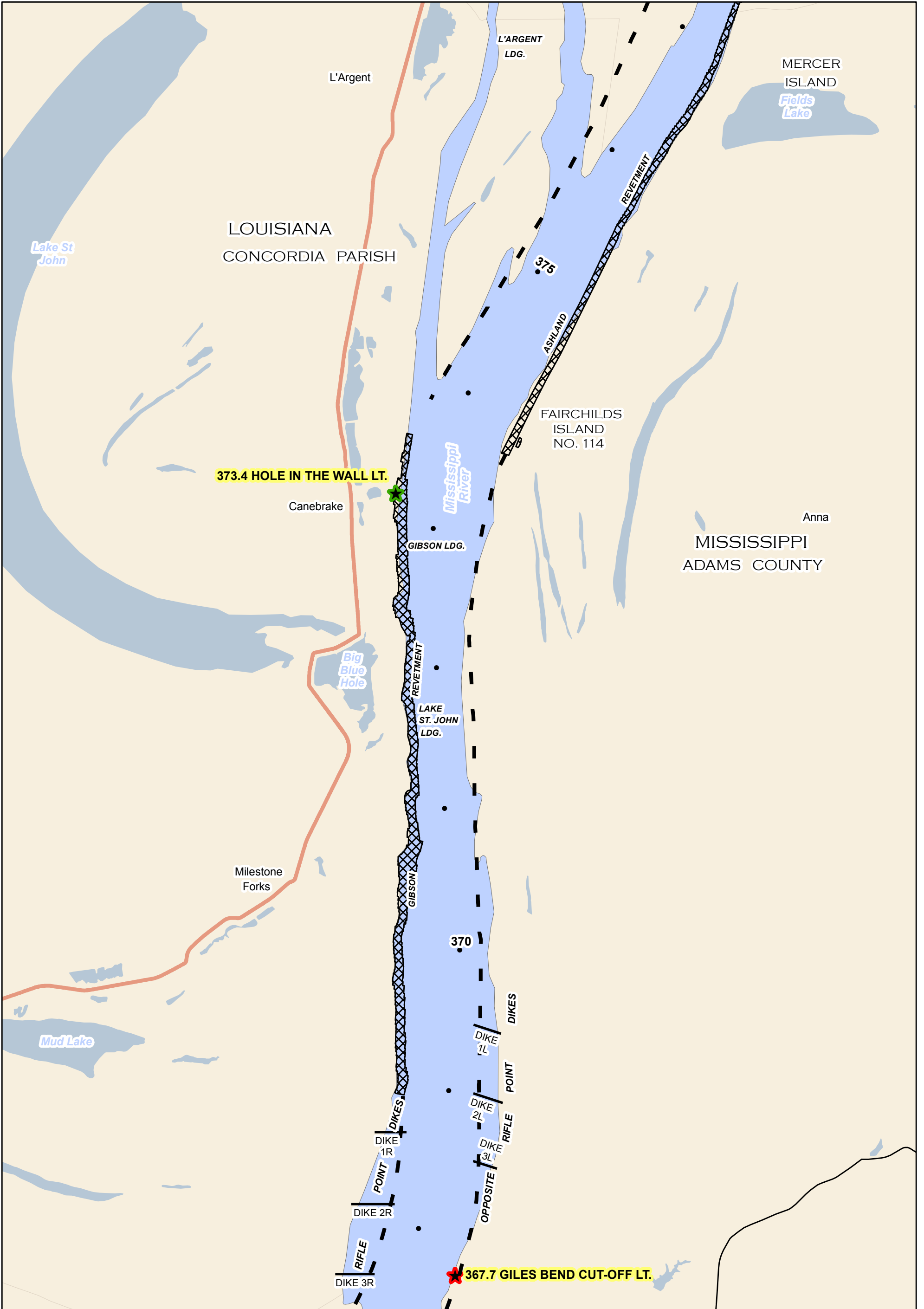
RM 377-386



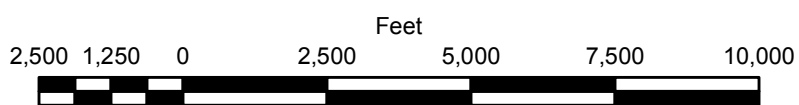
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MAP NO. 23

2013 VICKSBURG DISTRICT NAVIGATION BULLETIN



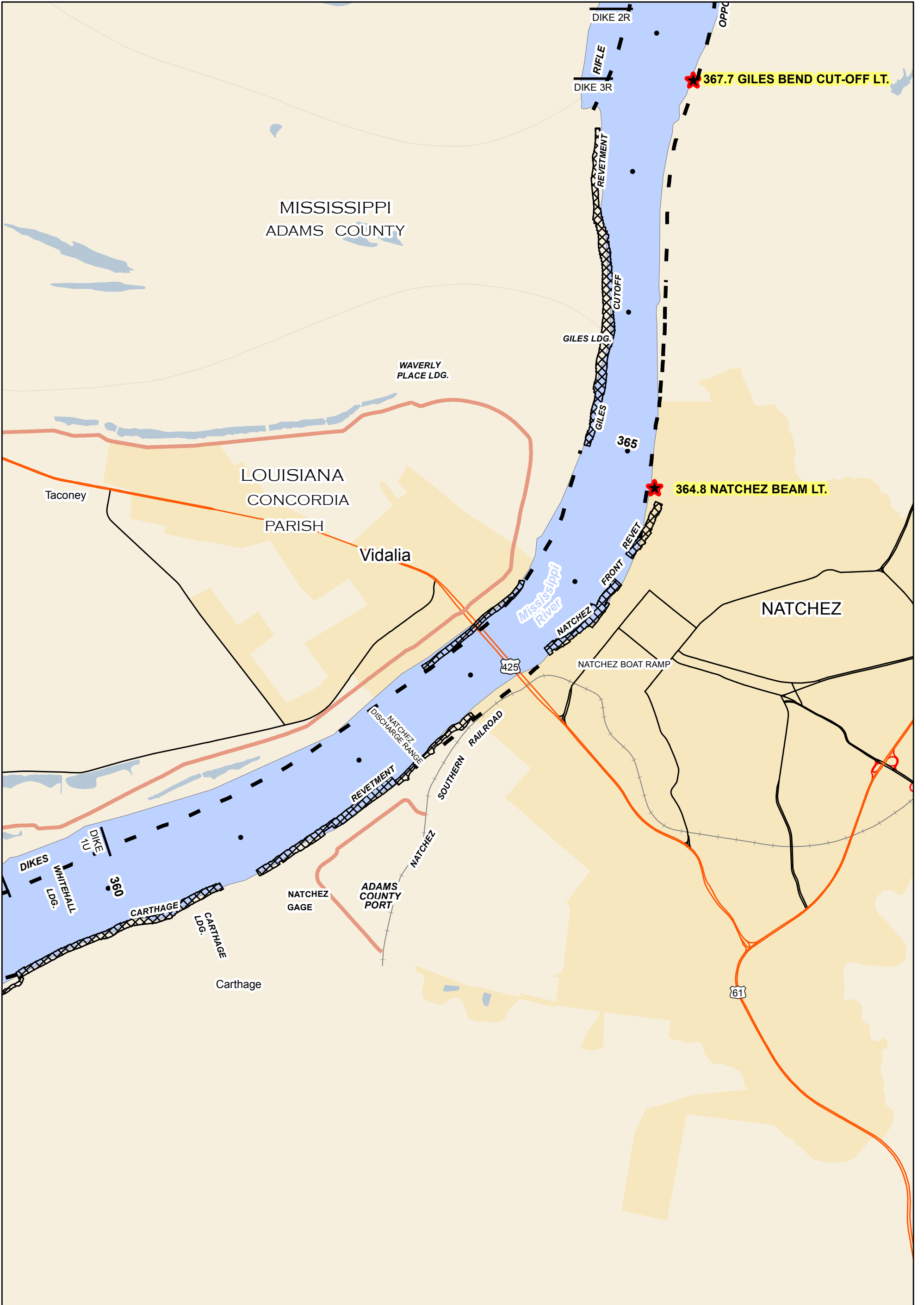
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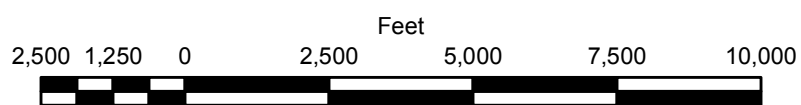
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MAP NO. 24

2013 VICKSBURG DISTRICT NAVIGATION BULLETIN



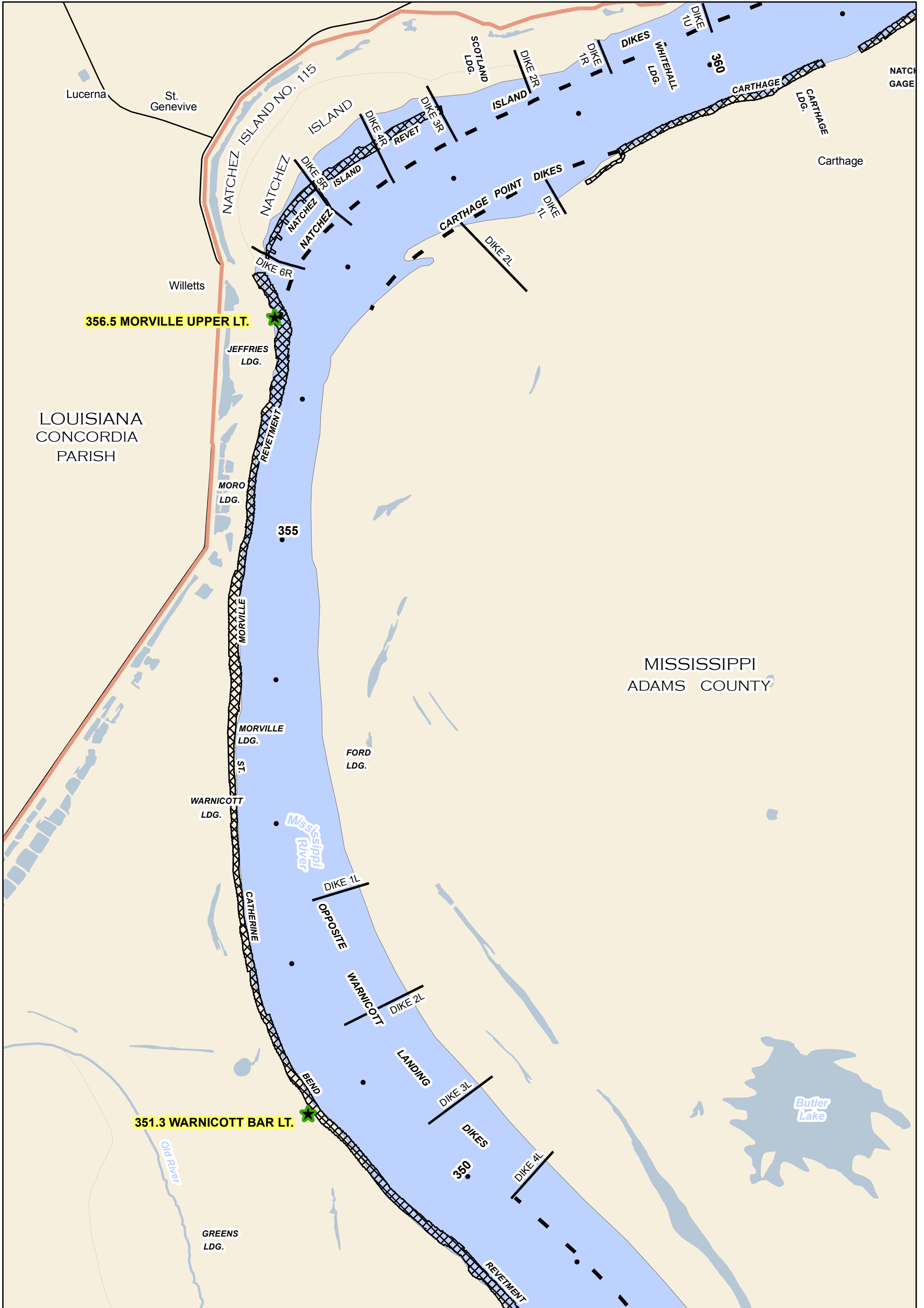
RM 360-368



MAP NO. 25

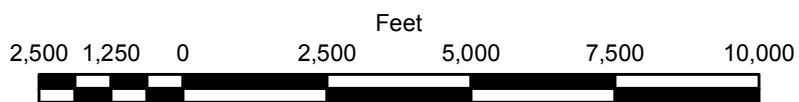
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2013 VICKSBURG DISTRICT NAVIGATION BULLETIN

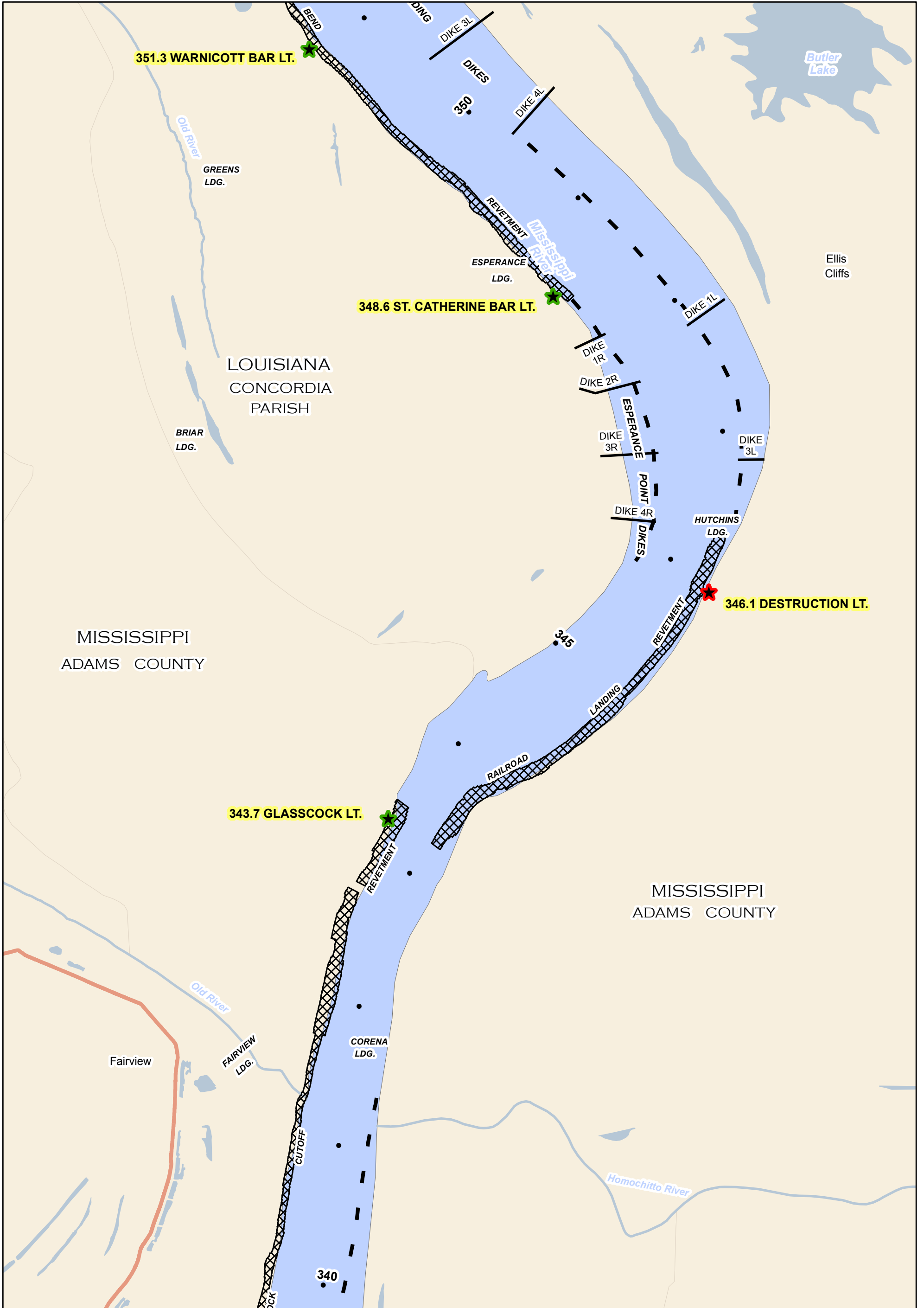


LOUISIANA
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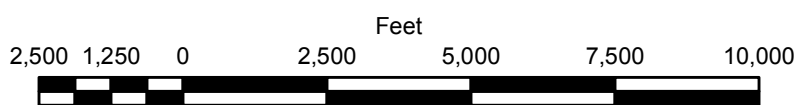
MISSISSIPPI
ADAMS COUNTY



2013 VICKSBURG DISTRICT NAVIGATION BULLETIN

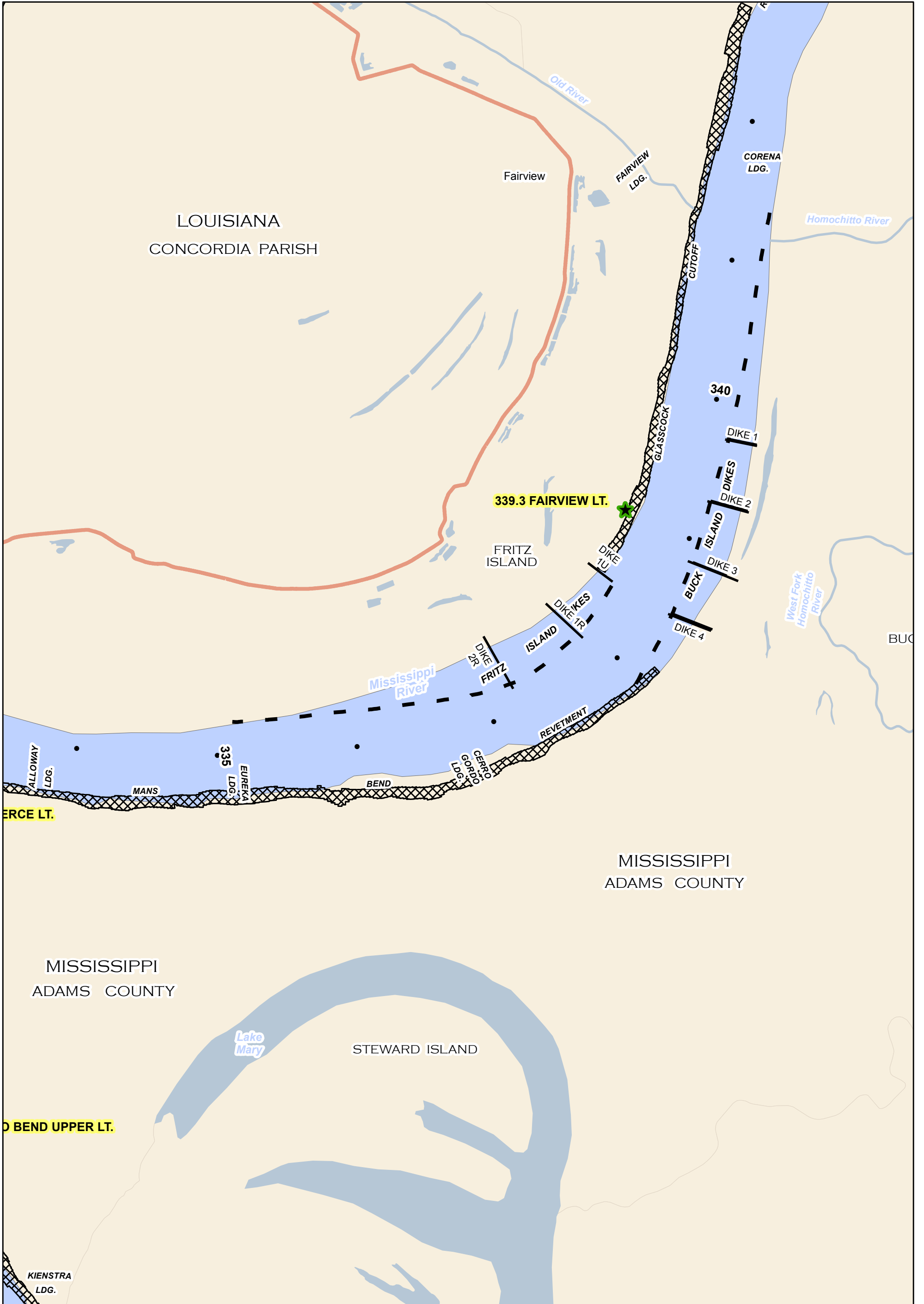


RM 340-351

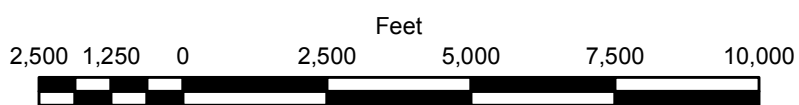


MAP NO. 27

2013 VICKSBURG DISTRICT NAVIGATION BULLETIN



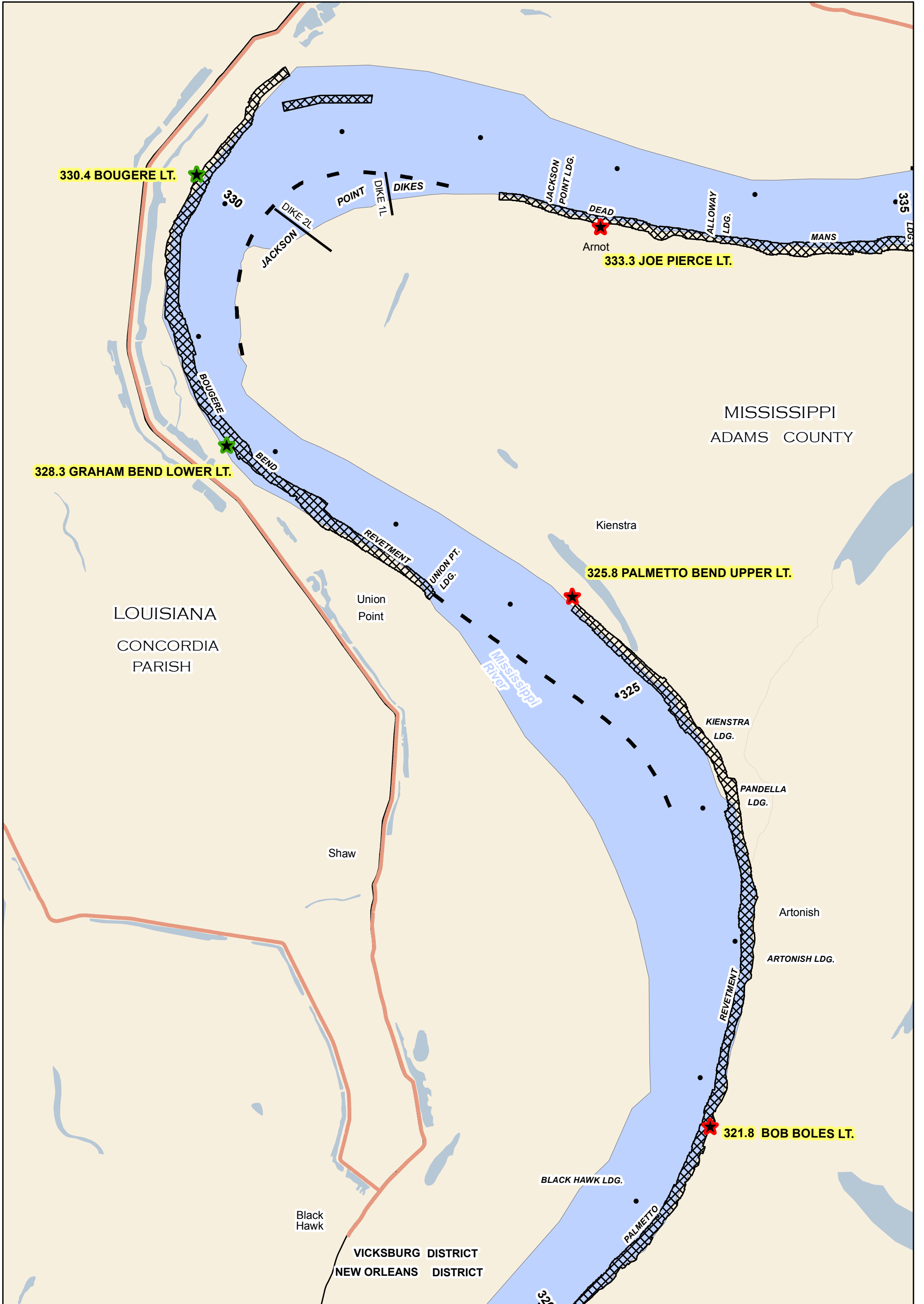
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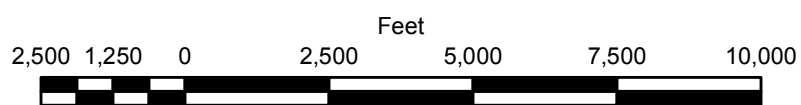
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MAP NO. 28

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RM 320-335



1:40,000

MAP NO. 29