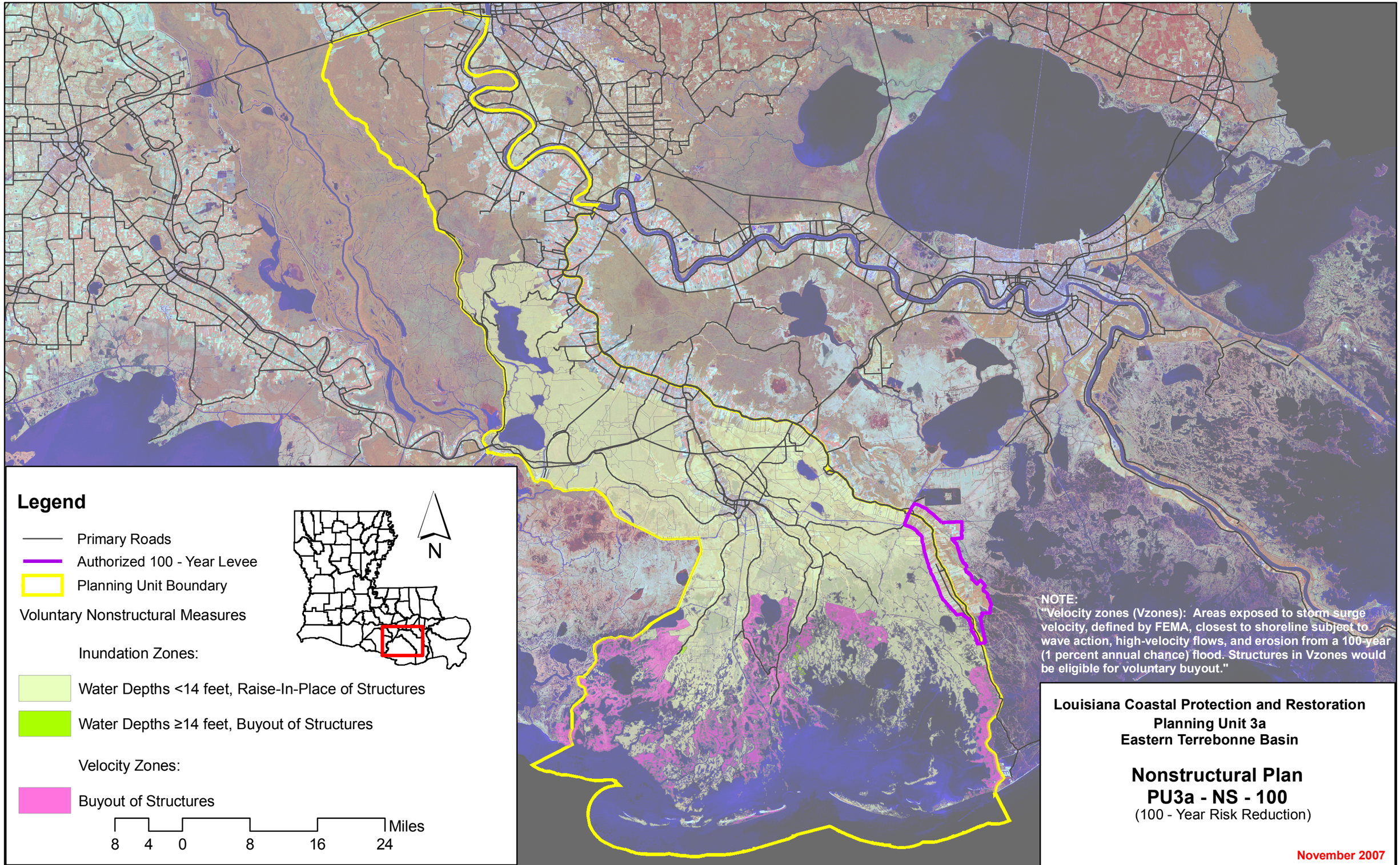
Planning Unit:	3a	**Alt. No.**	PU3a-NS-100	**Category**	Coastal Restoration + Nonstructural Measures
Alternative Description:	Sustain coastal landscape through restoration. Implement comprehensive 100-year nonstructural measures.				
Coastal Component:	R1			**Nonstructural Component:**	See alternative description.
Structural Component:	No new levees or increases in risk reduction level to existing levees.				

		Metric Results by Scenario with Uncertainty Bands								
		Life-cycle Cost	Resident Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
		$ Billions	Ann. Equiv. #	Ann. Equiv ($ 1000's)	Ann. Equiv ($ 1000's)	Ann. Equiv #	Ann. Equiv ($ 1000's)	# Sites	# Properties	# Districts
Scenario 1	**Low**		16,777	342,837	390,270	1,339	71,423	72	0	0
	Mean	33.26	28,531	778,934	1,051,237	3,701	218,571	82	4	0
	High		31,196	1,248,420	1,624,391	5,850	342,919	92	7	1
Scenario 2	**Low**		17,710	362,606	461,575	1,469	84,971	72	0	0
	Mean	33.68	28,742	945,013	1,388,911	4,449	288,679	82	3	0
	High		31,232	1,397,991	1,800,942	6,307	379,642	92	5	1
Scenario 3	**Low**		14,434	309,602	368,719	1,241	65,340	72	0	0
	Mean	33.13	24,586	681,220	994,239	3,385	194,215	82	4	0
	High		27,979	1,067,506	1,447,101	5,043	292,397	92	7	1
Scenario 4	**Low**		15,047	325,820	443,987	1,380	80,136	72	0	0
	Mean	33.55	24,775	821,919	1,251,182	4,013	253,161	82	3	0
	High		28,010	1,192,050	1,568,925	5,406	321,290	92	5	1

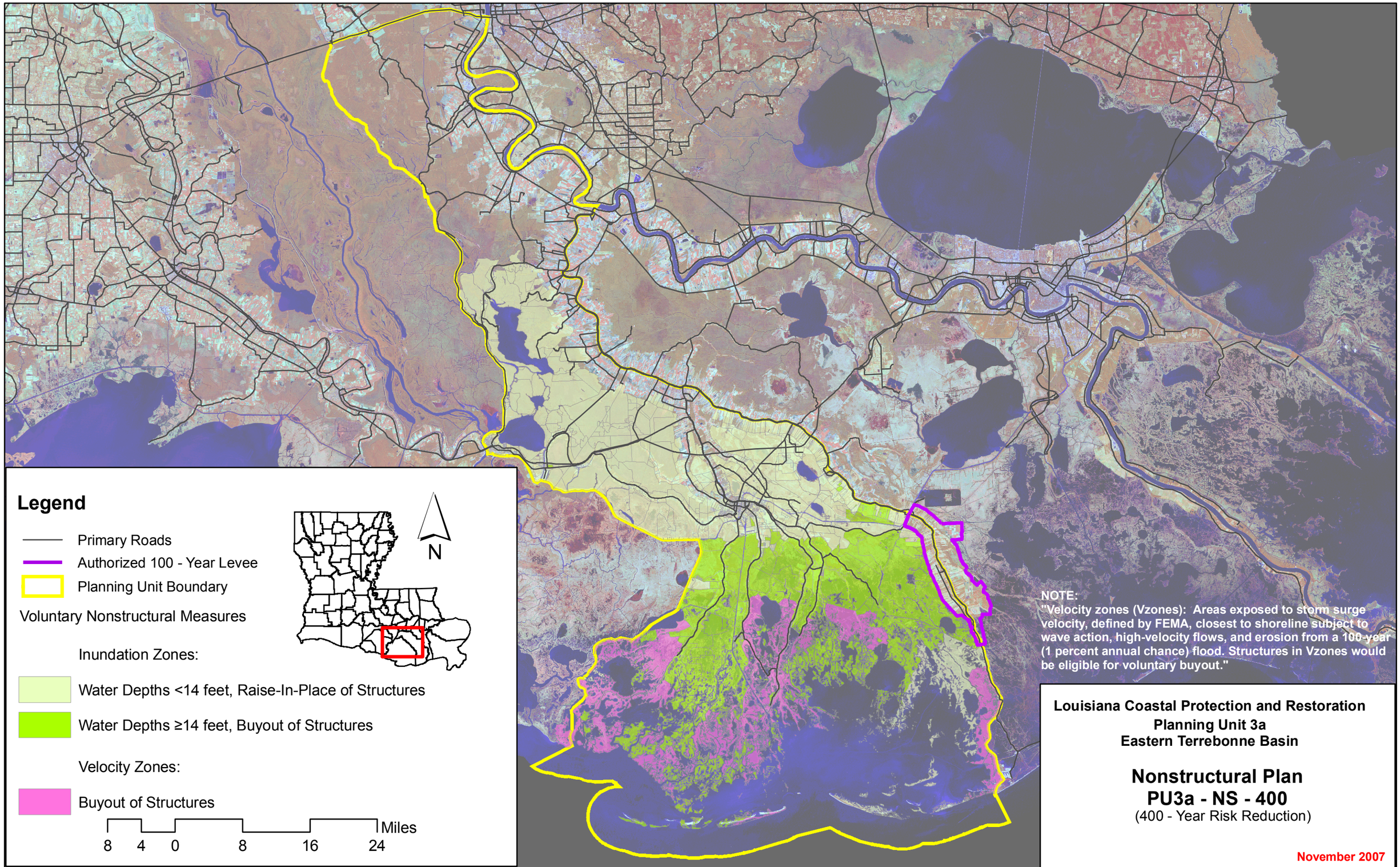
Other Metric Results							
Construction Time (years)	15	**Wetlands Created/ Protected (acres)**	**Scen 1&3**	**Scen 2&4**	**PV Cost of NS Comp ($ Billions)**	**Scen 1&2**	**Scen 3&4**
Direct Wetland Impacts (acres)	0		107,662	110,019		**9.98**	**9.85**
Indirect Impacts	N/A	**PV Cost of Coastal Component ($ Billions)**	23.28	23.70			
Spatial Integrity	0.525						
		PV Cost of Structural Component ($ Billions)	N/A	N/A			


Legend
Primary Roads
Authorized 100 - Year Levee
Planning Unit Boundary
Voluntary Nonstructural Measures
Inundation Zones:
Water Depths <14 feet, Raise-In-Place of Structures
Water Depths ≥14 feet, Buyout of Structures
Velocity Zones:
Buyout of Structures
N
8 4 0 8 16 24 Miles
NOTE:
"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."
Louisiana Coastal Protection and Restoration
Planning Unit 3a
Eastern Terrebonne Basin
Nonstructural Plan
PU3a - NS - 100
(100 - Year Risk Reduction)
November 2007

Planning Unit:	3a	Alt. No.	PU3a-NS-400	Category	Coastal Restoration + Nonstructural Measures
Alternative Description:	Sustain coastal landscape through restoration. Implement comprehensive 400-year nonstructural measures.				
Coastal Component:	R1			Nonstructural Component:	See alternative description.
Structural Component:	No new levees or increases in risk reduction level to existing levees.				

		Metric Results by Scenario with Uncertainty Bands								
		Life-cycle Cost	Resident Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
		$ Billions	Ann. Equiv. #	Ann. Equiv ($ 1000's)	Ann. Equiv ($ 1000's)	Ann. Equiv #	Ann. Equiv ($ 1000's)	# Sites	# Properties	# Districts
Scenario 1	Low		14,253	299,811	268,457	1,060	49,030	72	0	0
	Mean	36.72	25,927	683,487	725,501	2,863	152,303	82	4	0
	High		28,591	1,045,736	1,095,166	4,506	237,392	92	7	1
Scenario 2	Low		15,186	305,005	272,964	1,072	50,091	72	0	0
	Mean	37.14	26,138	779,941	881,981	3,229	187,334	82	3	0
	High		28,628	1,137,886	1,173,987	4,720	257,426	92	5	1
Scenario 3	Low		12,211	263,723	264,702	992	46,382	72	0	0
	Mean	36.51	22,304	586,286	672,142	2,579	130,316	82	4	0
	High		25,697	879,082	1,015,655	3,832	200,698	92	7	1
Scenario 4	Low		12,824	267,783	269,687	1,005	47,595	72	0	0
	Mean	36.93	22,493	664,588	844,861	2,939	166,053	82	3	0
	High		25,729	952,678	1,085,959	4,012	217,317	92	5	1

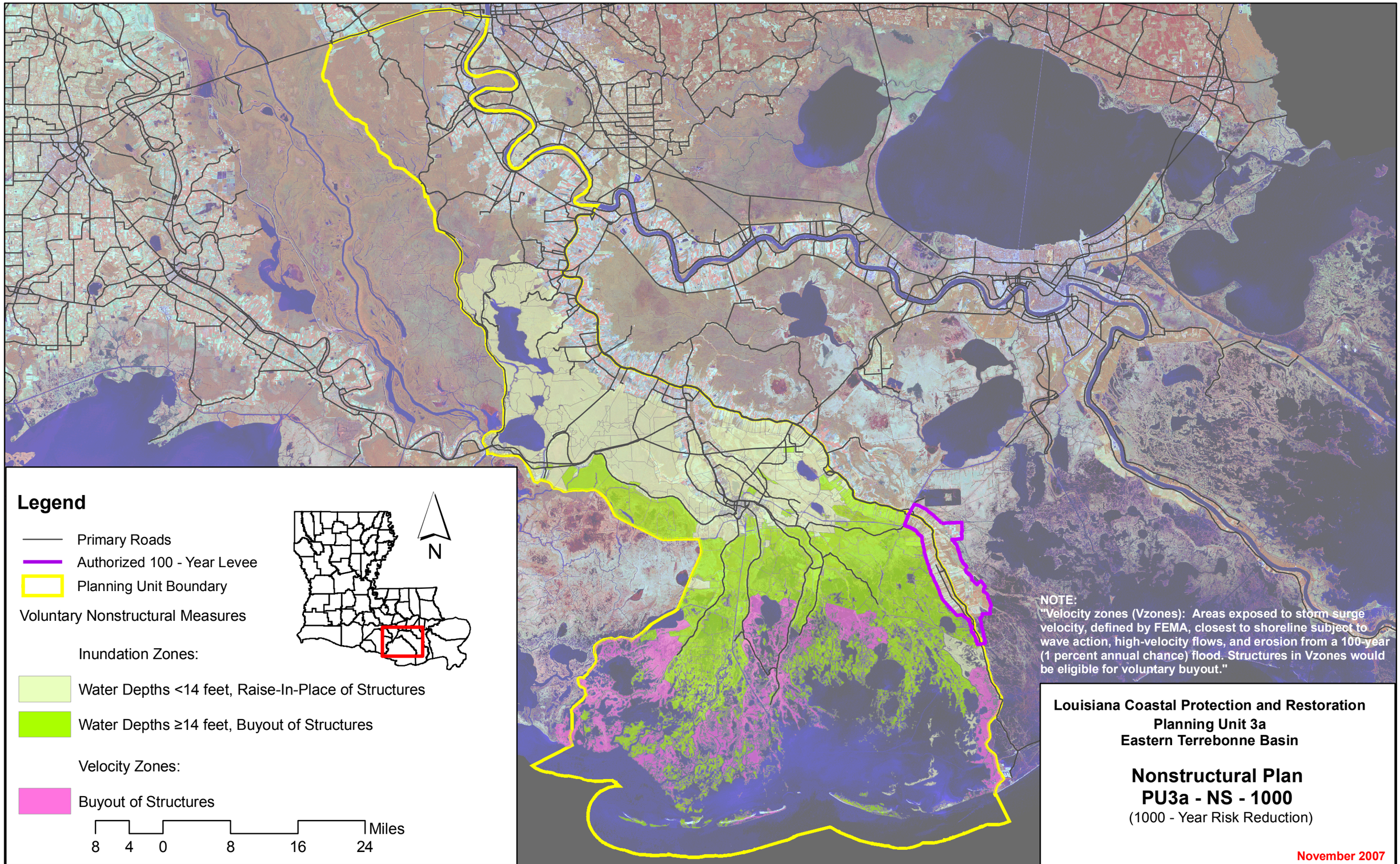
Other Metric Results							
Construction Time (years)	15	Wetlands Created/ Protected (acres)	Scen 1&3	Scen 2&4	PV Cost of NS Comp ($ Billions)	Scen 1&2	Scen 3&4
Direct Wetland Impacts (acres)	0		107,662	110,019		13.44	13.23
Indirect Impacts	N/A	PV Cost of Coastal Component ($ Billions)	23.28	23.70			
Spatial Integrity	0.525						
		PV Cost of Structural Component ($ Billions)	N/A	N/A			


Legend
Primary Roads
Authorized 100 - Year Levee
Planning Unit Boundary
Voluntary Nonstructural Measures
Inundation Zones:
Water Depths <14 feet, Raise-In-Place of Structures
Water Depths ≥14 feet, Buyout of Structures
Velocity Zones:
Buyout of Structures
N
8 4 0 8 16 24 Miles
NOTE:
"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."
Louisiana Coastal Protection and Restoration
Planning Unit 3a
Eastern Terrebonne Basin
Nonstructural Plan
PU3a - NS - 400
(400 - Year Risk Reduction)
November 2007

Planning Unit:	3a	Alt. No.	PU3a-NS-1000	Category	Coastal Restoration + Nonstructural Measures
Alternative Description:	Sustain coastal landscape through restoration. Implement comprehensive 1000-year nonstructural measures.				
Coastal Component:	R1			Nonstructural Component:	See alternative description.
Structural Component:	No new levees or increases in risk reduction level to existing levees.				

		Metric Results by Scenario with Uncertainty Bands								
		Life-cycle Cost	Resident Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
		$ Billions	Ann. Equiv. #	Ann. Equiv ($ 1000's)	Ann. Equiv ($ 1000's)	Ann. Equiv #	Ann. Equiv ($ 1000's)	# Sites	# Properties	# Districts
Scenario 1	Low		12,834	294,432	252,681	1,025	46,095	72	0	0
	Mean	38.24	24,348	662,474	650,339	2,631	133,172	82	4	0
	High		27,013	970,394	897,135	4,021	193,698	92	7	1
Scenario 2	Low		13,765	297,686	261,782	1,042	47,816	72	0	0
	Mean	38.66	24,559	719,244	707,203	2,797	148,020	82	3	0
	High		27,049	1,027,990	983,987	4,284	217,715	92	5	1
Scenario 3	Low		11,210	258,385	249,251	958	43,506	72	0	0
	Mean	37.99	21,181	569,652	611,160	2,415	117,702	82	4	0
	High		24,575	825,078	804,264	3,372	158,221	92	7	1
Scenario 4	Low		11,822	260,791	257,327	973	45,045	72	0	0
	Mean	38.41	21,371	620,582	654,268	2,525	127,448	82	3	0
	High		24,607	870,986	868,430	3,517	171,184	92	5	1

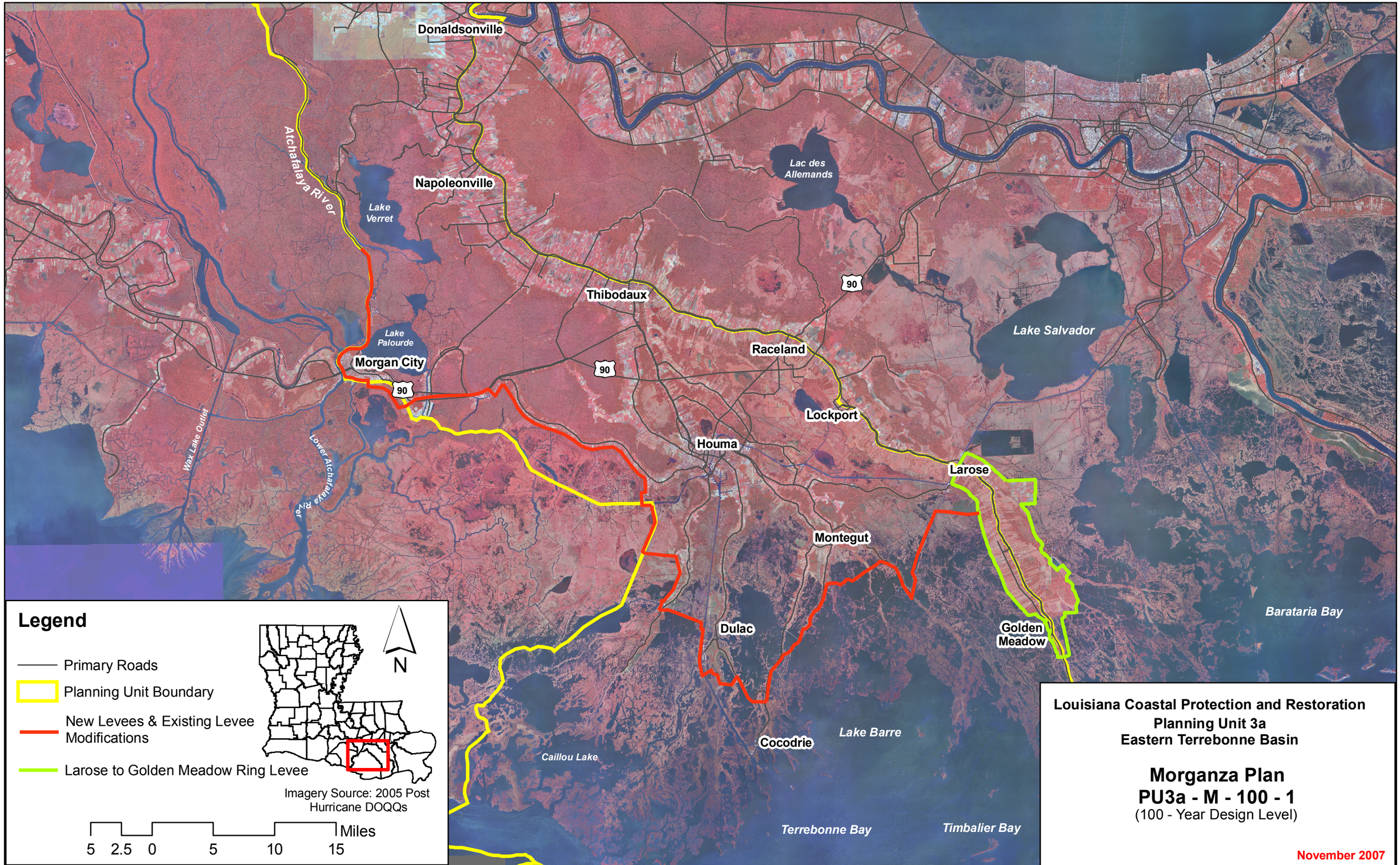
Other Metric Results							
Construction Time (years)	15	Wetlands Created/ Protected (acres)	Scen 1&3	Scen 2&4	PV Cost of NS Comp ($ Billions)	Scen 1&2	Scen 3&4
Direct Wetland Impacts (acres)	0		107,662	110,019		14.96	14.71
Indirect Impacts	N/A	PV Cost of Coastal Component ($ Billions)	23.28	23.70			
Spatial Integrity	0.525						
		PV Cost of Structural Component ($ Billions)	N/A	N/A			

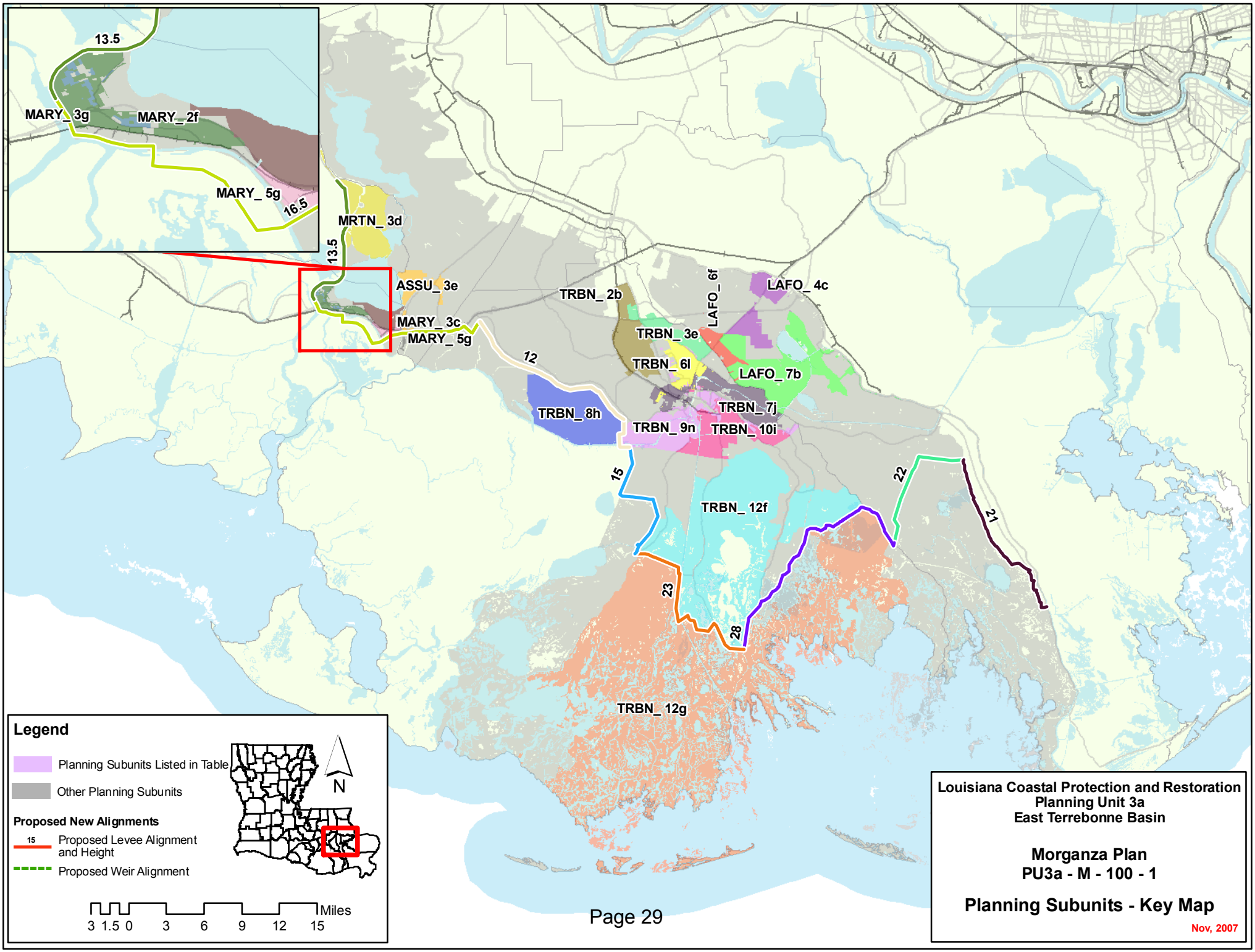

Legend
Primary Roads
Authorized 100 - Year Levee
Planning Unit Boundary
Voluntary Nonstructural Measures
Inundation Zones:
Water Depths <14 feet, Raise-In-Place of Structures
Water Depths ≥14 feet, Buyout of Structures
Velocity Zones:
Buyout of Structures
N
8 4 0 8 16 24 Miles
NOTE:
"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."
Louisiana Coastal Protection and Restoration
Planning Unit 3a
Eastern Terrebonne Basin
Nonstructural Plan
PU3a - NS - 1000
(1000 - Year Risk Reduction)
November 2007

Planning Unit:	3a	Alt. No.	PU3a-M-100-1	Category	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct Morganza to the Gulf levee with extension tying into high ground west of Morgan City at 100-year design level.				
Coastal Component:	R1			Nonstructural Component:	None
Structural Component:	See alternative description.				

		Metric Results by Scenario with Uncertainty Bands								
		Life-cycle Cost	Resident Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
		$ Billions	Ann. Equiv. #	Ann. Equiv ($ 1000's)	Ann. Equiv ($ 1000's)	Ann. Equiv #	Ann. Equiv ($ 1000's)	# Sites	# Properties	# Districts
Scenario 1	Low		9,835	474,590	522,599	1,777	98,164	157	13	0
	Mean	44.7	15,024	924,303	945,390	3,470	183,410	180	17	1
	High		16,531	1,237,577	1,239,345	4,851	246,291	203	18	1
Scenario 2	Low		10,046	499,259	606,111	1,945	114,220	157	8	0
	Mean	45.6	15,080	944,656	972,183	3,549	190,052	180	14	1
	High		16,541	1,254,199	1,261,775	4,927	252,266	203	18	1
Scenario 3	Low		8,623	410,705	487,017	1,632	89,862	157	13	0
	Mean	44.7	13,066	793,873	882,134	3,235	168,810	180	17	1
	High		14,860	1,059,774	1,148,300	4,442	224,621	203	18	1
Scenario 4	Low		8,769	432,820	574,049	1,803	106,859	157	8	0
	Mean	45.6	13,116	813,698	908,842	3,314	175,803	180	14	1
	High		14,868	1,076,764	1,166,868	4,506	229,653	203	18	1

Other Metric Results							
Construction Time (years)	10	Wetlands Created/ Protected (acres)	Scen 1&3	Scen 2&4	PV Cost of NS Comp ($ Billions)	Scen 1&2	Scen 3&4
Direct Wetland Impacts (acres)	-4,880		107,662	110,019		N/A	N/A
Indirect Impacts	-5	PV Cost of Coastal Component ($ Billions)	23.28	23.70			
Spatial Integrity	0.525						
		PV Cost of Structural Component ($ Billions)	21.41	21.93			


Donaldsonville
Napoleonville
Lake Verret
Atchafalaya River
Lake Palourde
Morgan City
90
Thibodaux
Lac des Allemands
Raceland
Lockport
Houma
Larose
Lake Salvador
Wax Lake Outlet
Lower Atchafalaya River
Montegut
Dulac
Golden Meadow
Barataria Bay
Cocodrie
Lake Barre
Caillou Lake
Terrebonne Bay
Timbalier Bay
Legend
Primary Roads
Planning Unit Boundary
New Levees & Existing Levee Modifications
Larose to Golden Meadow Ring Levee
N
Imagery Source: 2005 Post Hurricane DOQQs
Miles
5 2.5 0 5 10 15
Louisiana Coastal Protection and Restoration
Planning Unit 3a
Eastern Terrebonne Basin
Morganza Plan
PU3a - M - 100 - 1
(100 - Year Design Level)
November 2007


13.5
MARY_ 3g
MARY_ 2f
MARY_ 5g
16.5
MRTN_ 3d
13.5
ASSU_ 3e
MARY_ 3c
MARY_ 5g
TRBN_ 2b
LAFO_ 6f
LAFO_ 4c
TRBN_ 3e
TRBN_ 6l
LAFO_ 7b
12
TRBN_ 8h
TRBN_ 7j
TRBN_ 9n
TRBN_ 10i
15
22
21
TRBN_ 12f
23
28
TRBN_ 12g
Legend
Planning Subunits Listed in Table
Other Planning Subunits
Proposed New Alignments
15
Proposed Levee Alignment and Height
Proposed Weir Alignment
N
Miles
3 1.5 0 3 6 9 12 15
Louisiana Coastal Protection and Restoration
Planning Unit 3a
East Terrebonne Basin
Morganza Plan
PU3a - M - 100 - 1
Planning Subunits - Key Map
Nov, 2007

Alternative: PU3a-M-100-1
Water Surface Elevations (feet - NAVD88 2004.65)

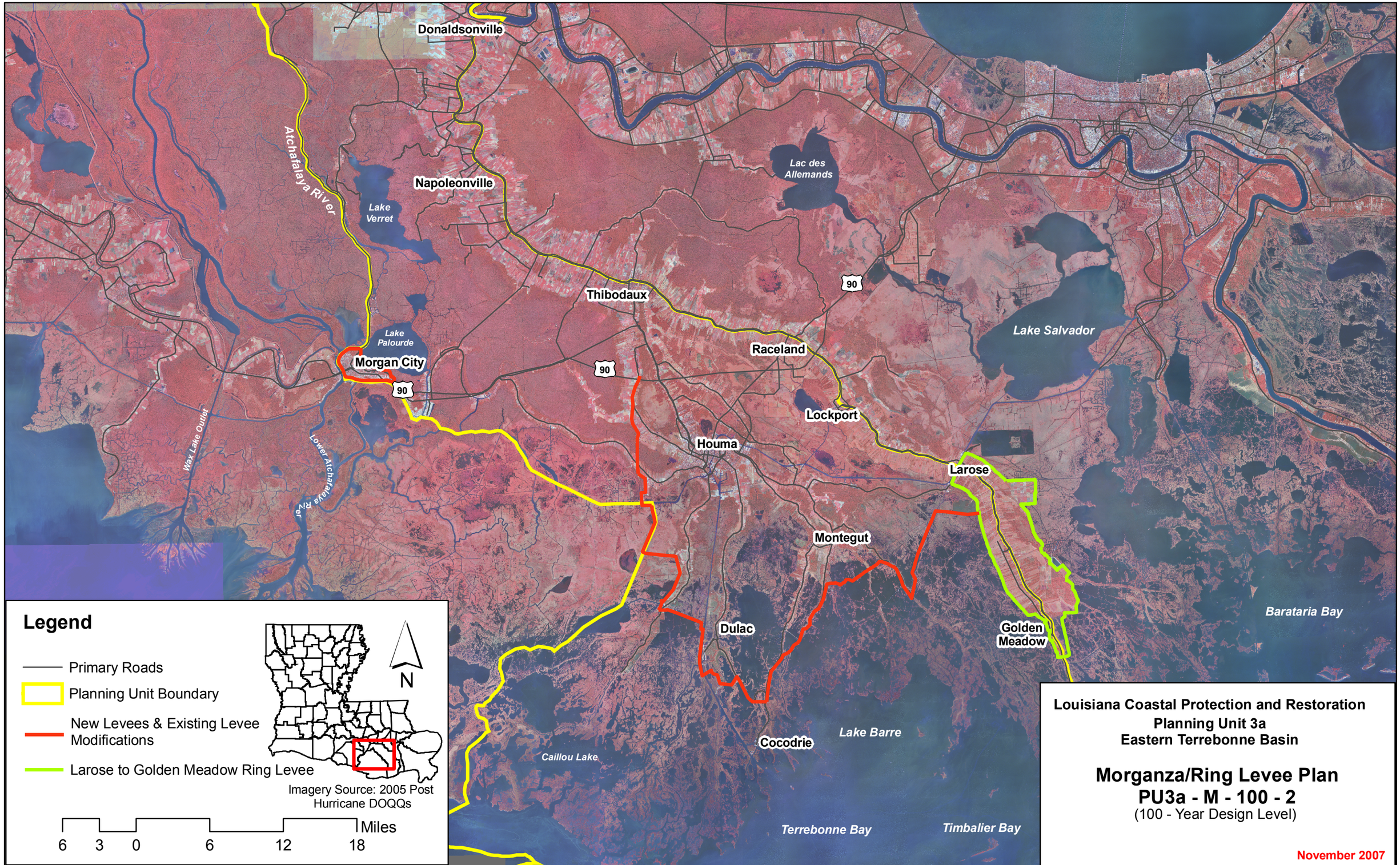
Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
ASSU_ 3e	7.8	2.4	7.8	4.8	7.8	9.1	11.0	2.4	11.0	4.8	11.0	9.1
LAFO_ 4c	7.8	1.0	7.8	4.8	10.0	10.9	11.0	1.0	11.0	4.8	13.1	10.9
LAFO_ 6f	8.4	1.0	13.4	4.8	16.7	10.9	11.7	1.0	16.6	4.8	19.8	10.9
LAFO_ 7b	7.8	1.0	11.5	4.8	13.6	10.9	11.2	1.0	14.7	4.8	16.7	10.9
MARY_ 2f	7.8	2.4	7.8	4.8	7.8	9.1	11.0	2.4	11.0	4.8	11.0	9.1
MARY_ 3c	7.8	2.4	7.8	4.8	7.8	9.1	11.0	2.4	11.0	4.8	11.0	9.1
MARY_ 3g	7.8	2.4	7.8	4.8	7.8	9.1	11.0	2.4	11.0	4.8	11.0	9.1
MARY_ 5g	7.8	2.4	9.9	4.8	12.0	9.1	11.0	2.4	13.9	4.8	15.6	9.1
MRTN_ 3d	7.8	2.4	7.8	4.8	7.8	9.1	11.0	2.4	11.0	4.8	11.4	9.1
TRBN_ 10i	11.2	1.0	16.1	4.8	19.5	10.9	14.7	1.0	19.1	4.8	22.6	10.9
TRBN_ 12f	13.5	1.0	18.0	4.8	20.8	10.9	16.4	1.0	20.3	4.8	22.8	10.9
TRBN_ 12g	13.2	11.7	16.9	16.3	19.0	18.5	16.4	14.9	19.6	19.5	21.7	21.7
TRBN_ 2b	7.8	1.0	7.9	4.8	9.3	10.9	17.9	1.0	28.5	4.8	32.9	10.9
TRBN_ 3e	7.8	1.0	7.9	4.8	9.3	10.9	11.0	1.0	11.3	4.8	12.7	10.9
TRBN_ 6l	7.8	1.0	8.8	4.8	10.5	10.9	11.0	1.0	12.2	4.8	13.9	10.9
TRBN_ 7j	9.3	1.0	14.0	4.8	16.3	10.9	13.6	1.0	19.5	4.8	22.1	10.9
TRBN_ 8h	9.7	8.6	14.5	13.5	17.4	16.5	13.8	11.8	18.8	16.7	21.7	19.7
TRBN_ 9n	8.4	1.0	12.1	4.8	14.1	10.9	12.6	1.0	17.6	4.8	20.0	10.9

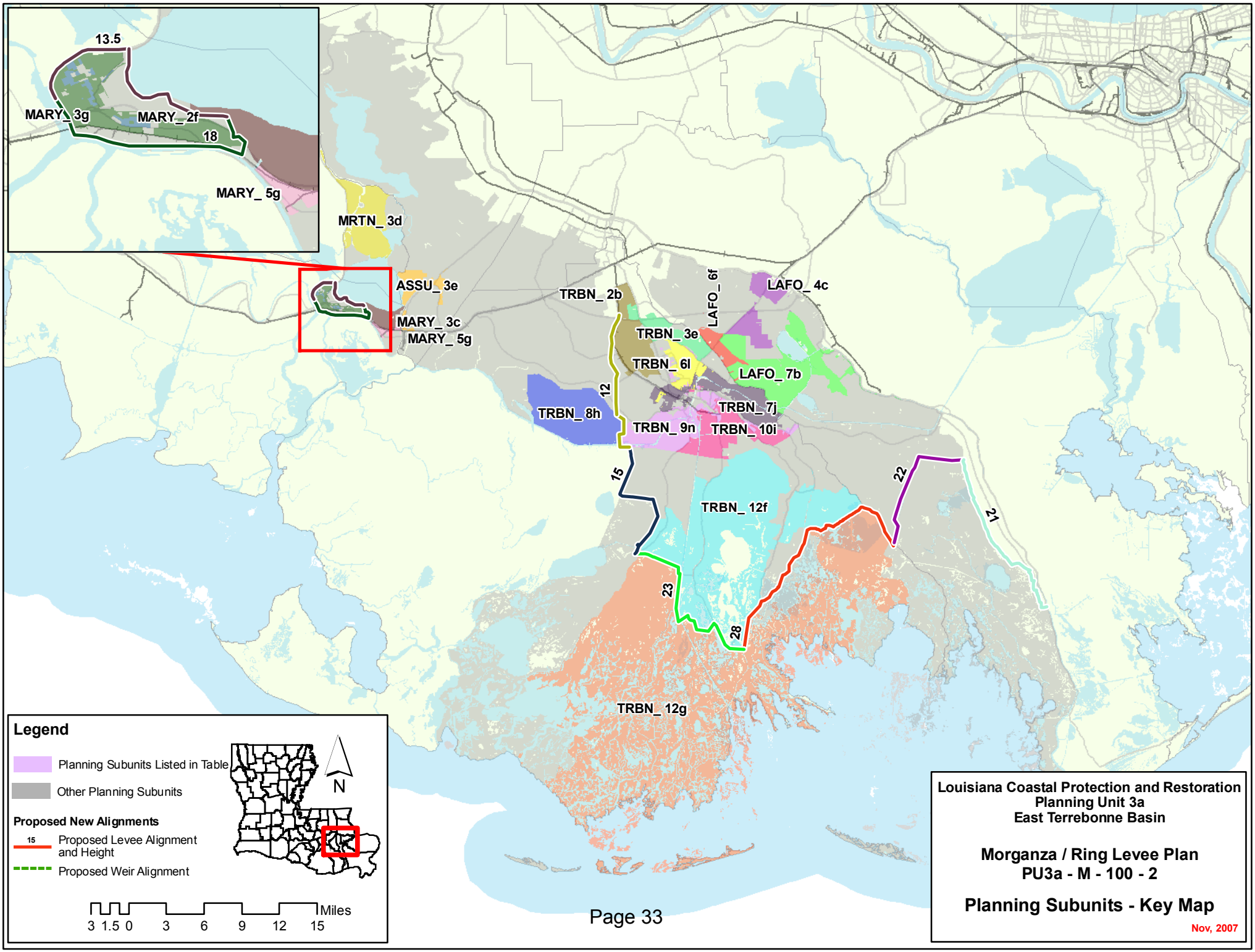
Evaluation Parameters					
	Confidence Level:	90%	Levee Design:	No Friction Waves	
	Future Sea Level Rise:	High	Levee Overtopping:	No Friction Waves	

Planning Unit:	3a	Alt. No.	PU3a-M-100-2	Category	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct Morganza to the Gulf levee with with tieback to high ground south of Thibodaux and ring levee around Morgan City at 100-year design level.				
Coastal Component:	R1			Nonstructural Component:	None
Structural Component:	See alternative description.				

		Metric Results by Scenario with Uncertainty Bands								
		Life-cycle Cost	Resident Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
		$ Billions	Ann. Equiv. #	Ann. Equiv ($ 1000's)	Ann. Equiv ($ 1000's)	Ann. Equiv #	Ann. Equiv ($ 1000's)	# Sites	# Properties	# Districts
Scenario 1	Low		9,239	460,564	527,156	1,683	96,695	128	10	0
	Mean	42.3	14,649	921,641	962,444	3,402	183,617	151	14	1
	High		16,504	1,255,199	1,283,591	4,871	252,154	174	17	1
Scenario 2	Low		9,626	495,091	622,032	1,863	113,928	128	8	0
	Mean	42.8	14,959	954,177	997,253	3,498	191,827	151	11	0
	High		16,683	1,287,409	1,316,875	4,971	260,409	174	15	1
Scenario 3	Low		8,021	396,941	489,623	1,536	88,102	128	10	0
	Mean	42.3	12,652	790,910	896,174	3,163	168,581	151	14	1
	High		14,763	1,075,947	1,186,385	4,446	229,300	174	17	1
Scenario 4	Low		8,300	428,596	587,284	1,719	106,322	128	8	0
	Mean	42.8	12,893	822,557	931,414	3,260	177,222	151	11	0
	High		14,894	1,108,076	1,216,999	4,536	236,772	174	15	1

Other Metric Results							
Construction Time (years)	10	Wetlands Created/ Protected (acres)	Scen 1&3	Scen 2&4	PV Cost of NS Comp ($ Billions)	Scen 1&2	Scen 3&4
Direct Wetland Impacts (acres)	-4,201		107,662	110,019		N/A	N/A
Indirect Impacts	-5	PV Cost of Coastal Component ($ Billions)	23.28	23.70			
Spatial Integrity	0.525						
		PV Cost of Structural Component ($ Billions)	18.98	19.10			


Donaldsonville
Napoleonville
Lake Verret
Atchafalaya River
Lake Palourde
Morgan City
90
Thibodaux
Lac des Allemands
Raceland
Lockport
Houma
Larose
Lake Salvador
Wax Lake Outlet
Lower Atchafalaya River
Montegut
Dulac
Golden Meadow
Barataria Bay
Cocodrie
Lake Barre
Caillou Lake
Terrebonne Bay
Timbalier Bay
Legend
Primary Roads
Planning Unit Boundary
New Levees & Existing Levee Modifications
Larose to Golden Meadow Ring Levee
N
Imagery Source: 2005 Post Hurricane DOQQs
Miles
6 3 0 6 12 18
Louisiana Coastal Protection and Restoration
Planning Unit 3a
Eastern Terrebonne Basin
Morganza/Ring Levee Plan
PU3a - M - 100 - 2
(100 - Year Design Level)
November 2007


13.5
MARY_ 3g
MARY_ 2f
18
MARY_ 5g
MRTN_ 3d
ASSU_ 3e
MARY_ 3c
MARY_ 5g
TRBN_ 2b
LAFO_ 6f
LAFO_ 4c
TRBN_ 3e
TRBN_ 6l
LAFO_ 7b
12
TRBN_ 8h
TRBN_ 7j
TRBN_ 9n
TRBN_ 10i
15
22
21
TRBN_ 12f
23
28
TRBN_ 12g
Legend
Planning Subunits Listed in Table
Other Planning Subunits
Proposed New Alignments
15
Proposed Levee Alignment and Height
Proposed Weir Alignment
N
Miles
3 1.5 0 3 6 9 12 15
Louisiana Coastal Protection and Restoration
Planning Unit 3a
East Terrebonne Basin
Morganza / Ring Levee Plan
PU3a - M - 100 - 2
Planning Subunits - Key Map
Nov, 2007

Alternative: PU3a-M-100-2
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
ASSU_ 3e	7.8	2.8	7.8	3.9	7.8	4.5	11.0	6.0	11.0	7.1	11.0	7.7
LAFO_ 4c	7.8	1.1	7.8	5.7	10.0	12.0	11.0	1.1	11.0	5.7	13.1	12.0
LAFO_ 6f	8.4	1.1	13.4	5.7	16.7	12.0	11.7	1.1	16.6	5.7	19.8	12.0
LAFO_ 7b	7.8	1.1	11.5	5.7	13.6	12.0	11.2	1.1	14.7	5.7	16.7	12.0
MARY_ 2f	7.8	1.3	7.8	10.1	7.8	18.0	11.0	1.3	11.0	10.1	11.0	18.0
MARY_ 3c	7.8	0.9	7.8	3.7	7.8	4.4	11.0	4.1	11.0	6.9	11.0	7.6
MARY_ 3g	7.8	1.3	7.8	10.1	7.8	18.0	11.0	1.3	11.0	10.1	11.0	18.0
MARY_ 5g	7.8	3.0	9.9	4.1	12.0	4.7	11.0	6.2	13.9	7.3	15.6	7.9
MRTN_ 3d	7.8	0.9	7.8	4.0	7.8	4.8	11.0	4.1	11.0	7.2	11.4	8.0
TRBN_ 10i	11.2	1.1	16.1	5.7	19.5	12.0	14.7	1.1	19.1	5.7	22.6	12.0
TRBN_ 12f	13.5	1.1	18.0	5.7	20.8	12.0	16.4	1.1	20.3	5.7	22.8	12.0
TRBN_ 12g	13.2	11.7	16.9	16.3	19.0	18.5	16.4	14.9	19.6	19.5	21.7	21.7
TRBN_ 2b	7.8	1.1	7.9	5.7	9.3	12.0	17.9	1.1	28.5	5.7	32.9	12.0
TRBN_ 3e	7.8	1.1	7.9	5.7	9.3	12.0	11.0	1.1	11.3	5.7	12.7	12.0
TRBN_ 6l	7.8	1.1	8.8	5.7	10.5	12.0	11.0	1.1	12.2	5.7	13.9	12.0
TRBN_ 7j	9.3	1.1	14.0	5.7	16.3	12.0	13.6	1.1	19.5	5.7	22.1	12.0
TRBN_ 8h	9.7	8.6	14.5	13.5	17.4	16.5	13.8	11.8	18.8	16.7	21.7	19.7
TRBN_ 9n	8.4	1.1	12.1	5.7	14.1	12.0	12.6	1.1	17.6	5.7	20.0	12.0

Evaluation Parameters					
	Confidence Level:	90%	Levee Design:	No Friction Waves	
	Future Sea Level Rise:	High	Levee Overtopping:	No Friction Waves	

Planning Unit:	3a	**Alt. No.**	PU3a-G-400-2	**Category**	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct Morganza to the Gulf levee at the 100-year design level with a second levee along the GIWW with tieback to high ground south of Thibodaux and ring levee around Morgan City providing a 400-year level of risk reduction for Houma and Morgan City.				
Coastal Component:	R1			**Nonstructural Component:**	None
Structural Component:	See alternative description.				

		Metric Results by Scenario with Uncertainty Bands								
		Life-cycle Cost	Resident Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
		$ Billions	Ann. Equiv. #	Ann. Equiv ($ 1000's)	Ann. Equiv ($ 1000's)	Ann. Equiv #	Ann. Equiv ($ 1000's)	# Sites	# Properties	# Districts
Scenario 1	**Low**		9,351	476,655	544,897	1,743	100,401	128	5	1
	Mean	48.5	14,583	927,810	967,995	3,418	184,729	151	11	1
	High		16,101	1,226,802	1,242,840	4,730	243,934	174	13	1
Scenario 2	**Low**		9,738	511,181	639,774	1,923	117,634	128	4	1
	Mean	49.0	14,893	960,347	1,002,804	3,514	192,939	151	9	1
	High		16,281	1,259,012	1,276,125	4,830	252,189	174	11	1
Scenario 3	**Low**		8,111	409,058	503,671	1,586	90,985	128	5	1
	Mean	48.5	12,607	795,278	899,832	3,175	169,364	151	11	1
	High		14,423	1,051,554	1,148,429	4,316	221,925	174	13	1
Scenario 4	**Low**		8,391	440,713	601,331	1,769	109,204	128	4	1
	Mean	49.0	12,849	826,925	935,072	3,272	178,005	151	9	1
	High		14,555	1,083,683	1,179,043	4,406	229,397	174	11	1

Other Metric Results							
Construction Time (years)	10	**Wetlands Created/ Protected (acres)**	**Scen 1&3**	**Scen 2&4**	**PV Cost of NS Comp ($ Billions)**	**Scen 1&2**	**Scen 3&4**
Direct Wetland Impacts (acres)	-5,621		107,662	110,019			
Indirect Impacts	-5	**PV Cost of Coastal Component ($ Billions)**				**N/A**	**N/A**
Spatial Integrity	0.525		23.28	23.70			
		PV Cost of Structural Component ($ Billions)	25.21	25.28			