

Appendix D-3

**TIME Model Standard Reports
and “Last Segment Clearing” Maps**

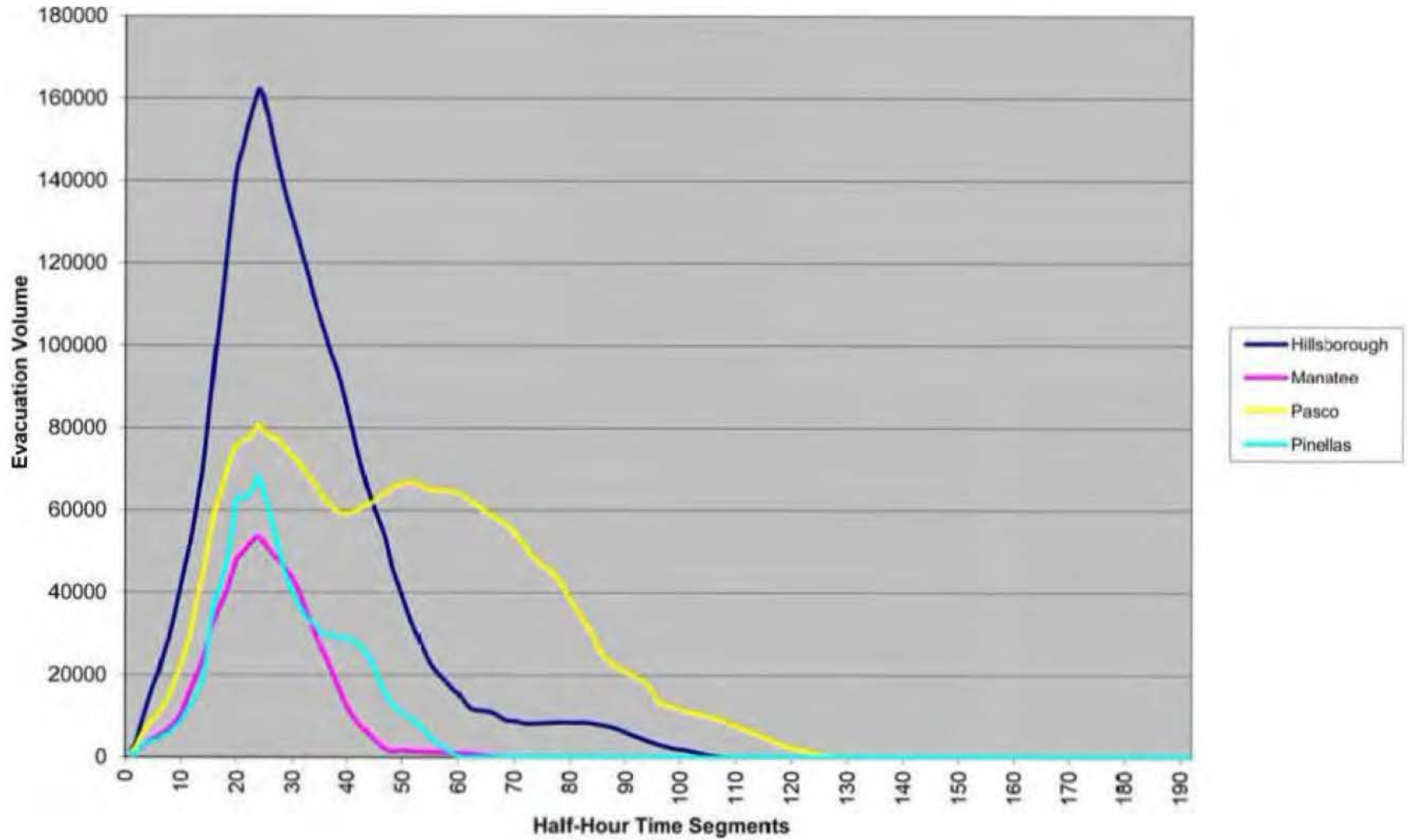
Evacuation Model Run Summary - Alt 1

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	52.5	42	58	30.5
Out-of-County	52.5	42	63.5	30.5
To Shelter	52.5	40.5	58	30
Regional Clearance Time:		63.5		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
Tourists	10,888	11,778	1,009	10,589
Total	326,528	122,916	168,856	424,607

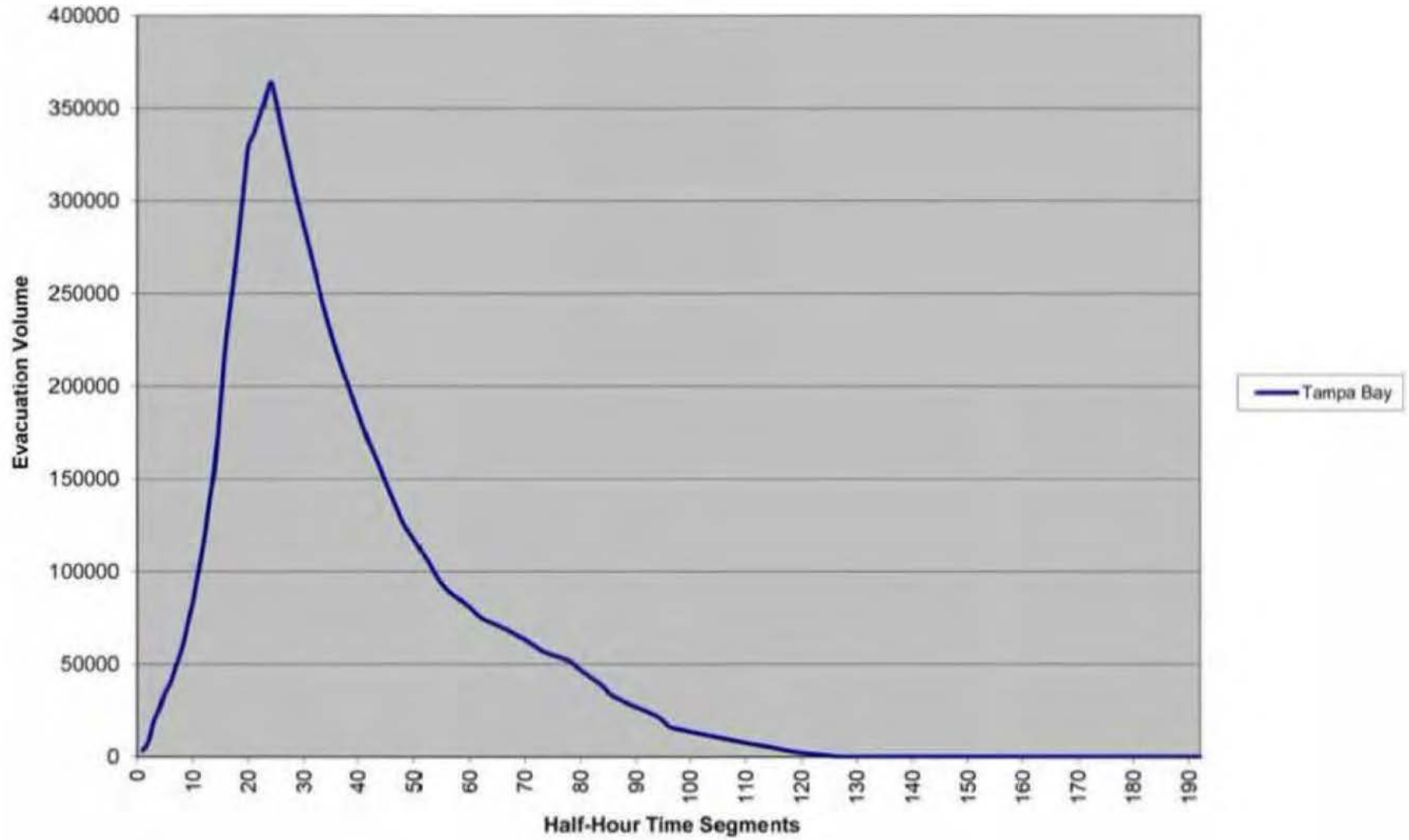
Countywide Evacuation

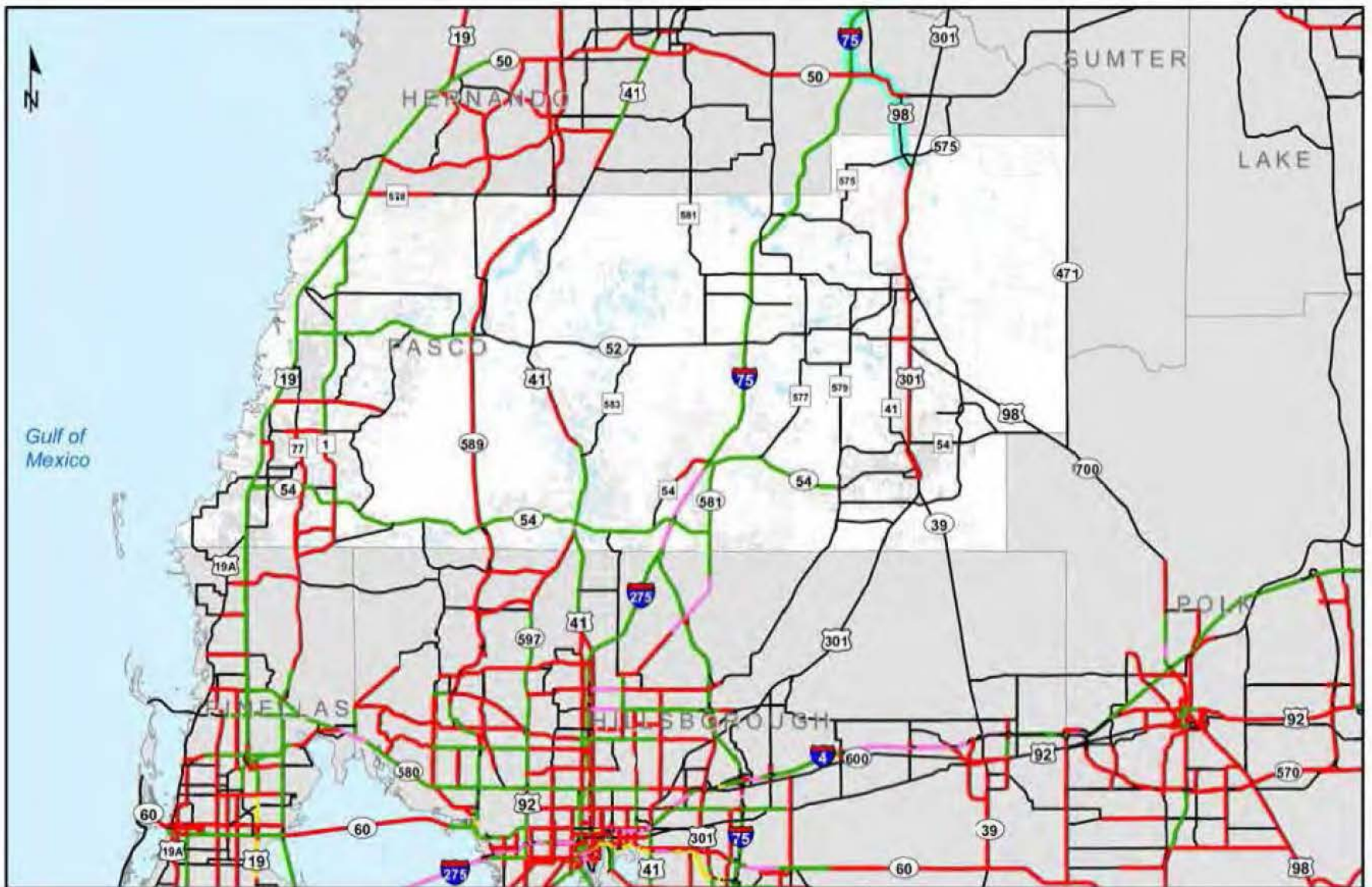
D-3-2



Regional Evacuation

D-3-3





**Tindale
Oliver**

Legend

No. of Lanes (Dir.)	2	4	Last to Clear	Pasco Streets
— 1	3	5		
	6			



Alternative 1
Ridge Road Extension Analysis - TIME Model
"Last to Clear" Road Segments
(63.5 Hours, TIME Standard Report)

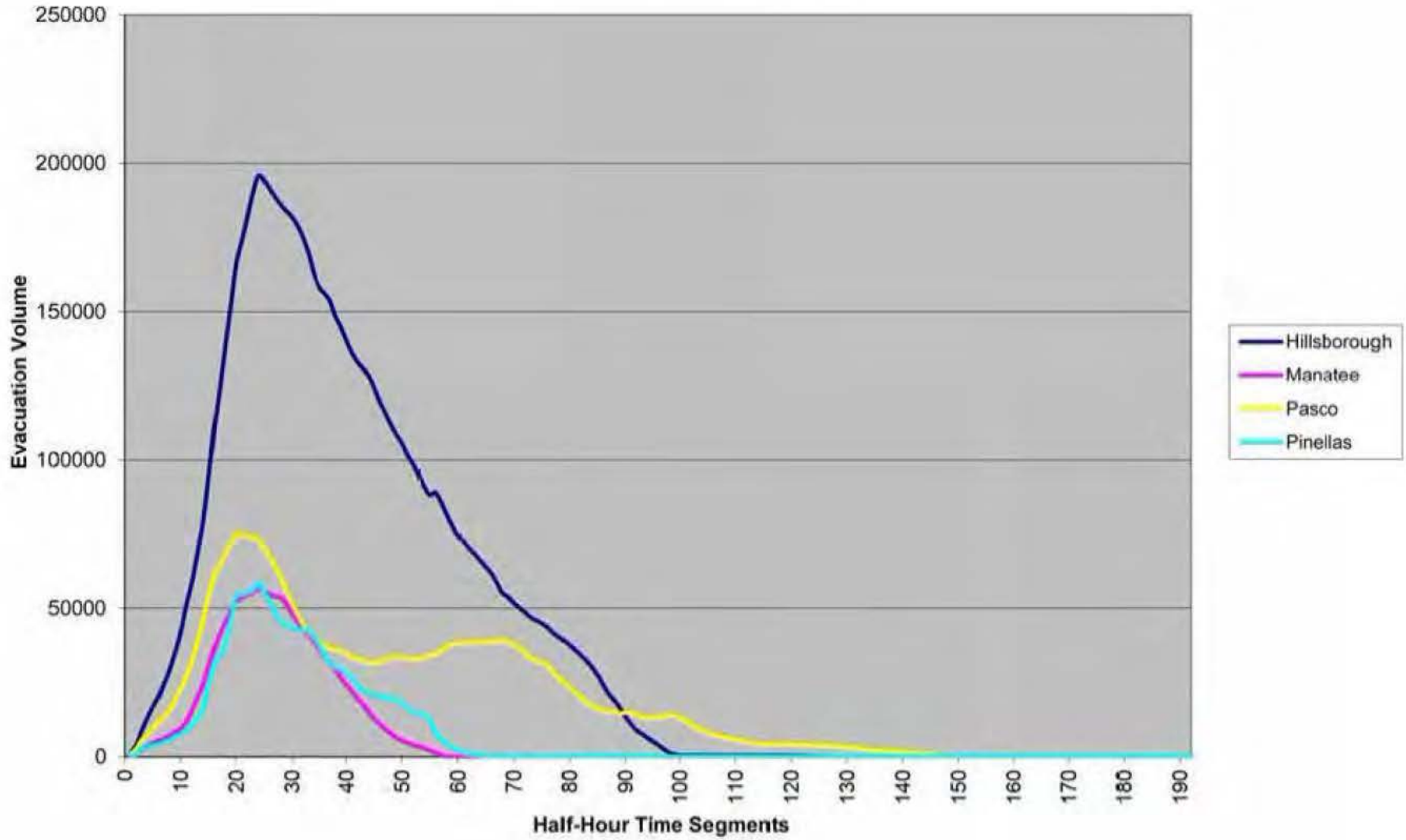
Evacuation Model Run Summary - Alts 2-7

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	47	41.5	54.5	44
Out-of-County	57	44.5	73	44
To Shelter	47	36	54.5	31
Regional Clearance Time:			73	
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
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Total	326,528	122,916	168,856	424,607

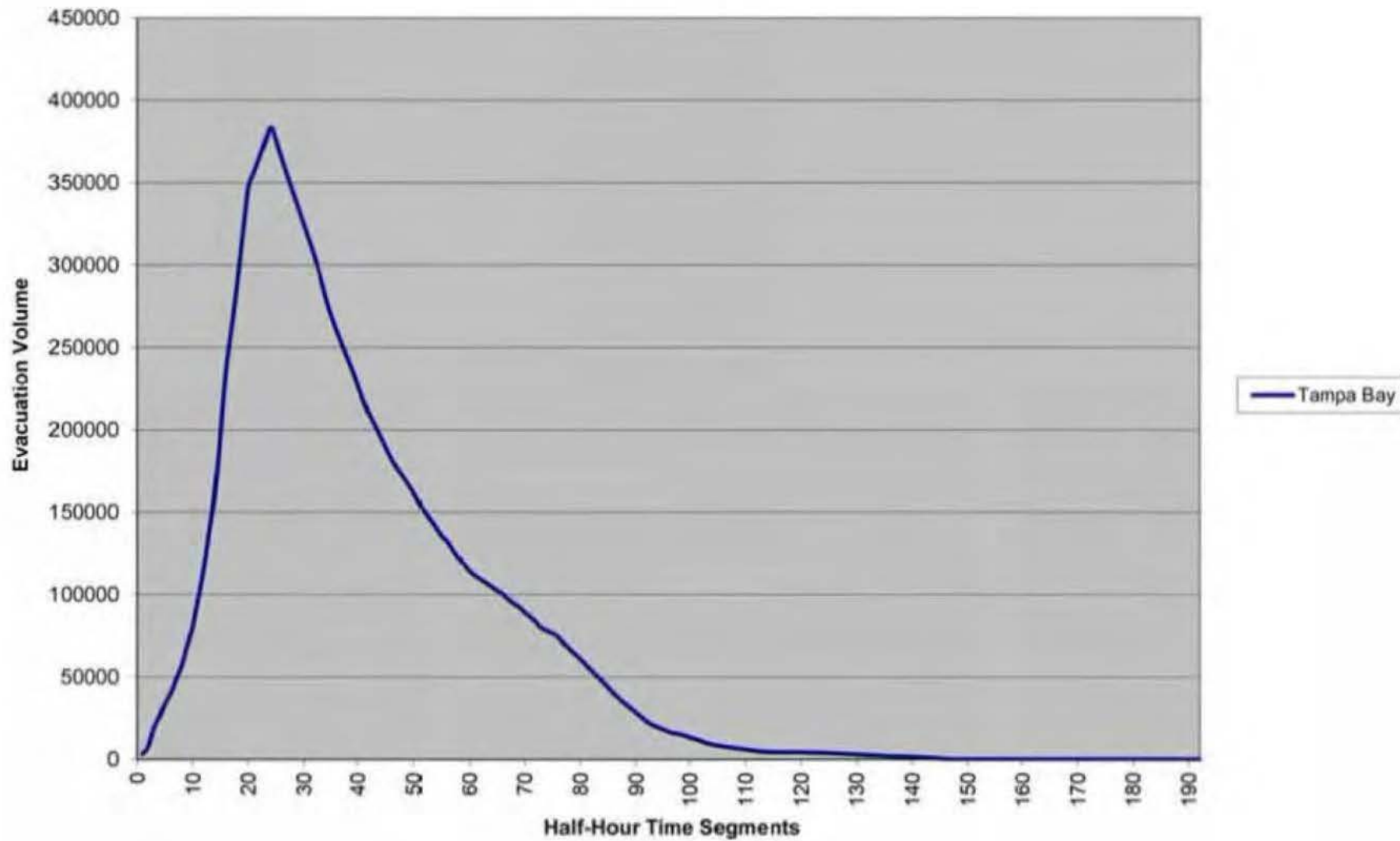
Countywide Evacuation

D-3-6



D-3-7

Regional Evacuation



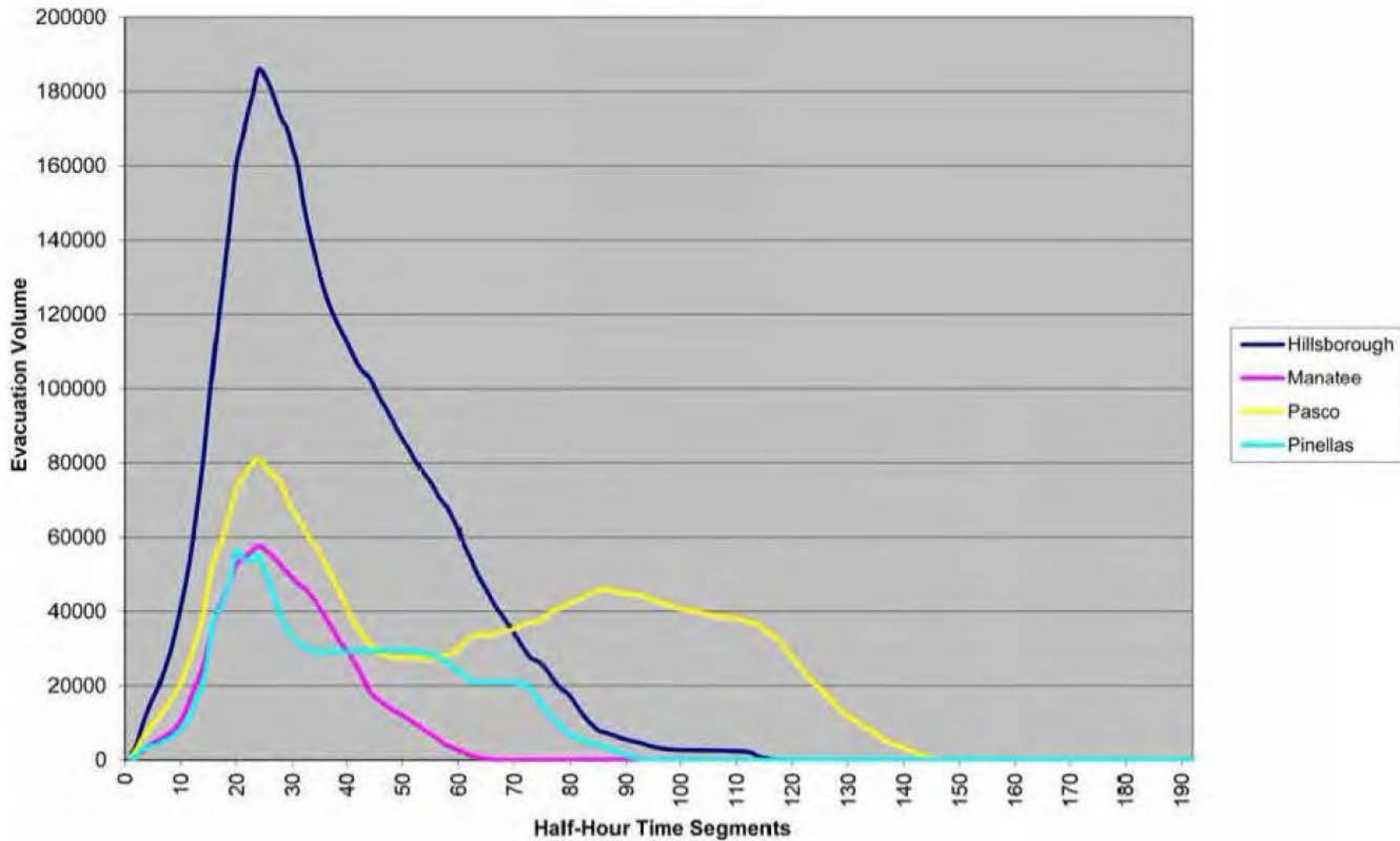
Evacuation Model Run Summary - Alt 8

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	60	60.5	72.5	46.5
Out-of-County	69	61	73.5	46.5
To Shelter	58	40.5	72.5	42.5
Regional Clearance Time:		73.5		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
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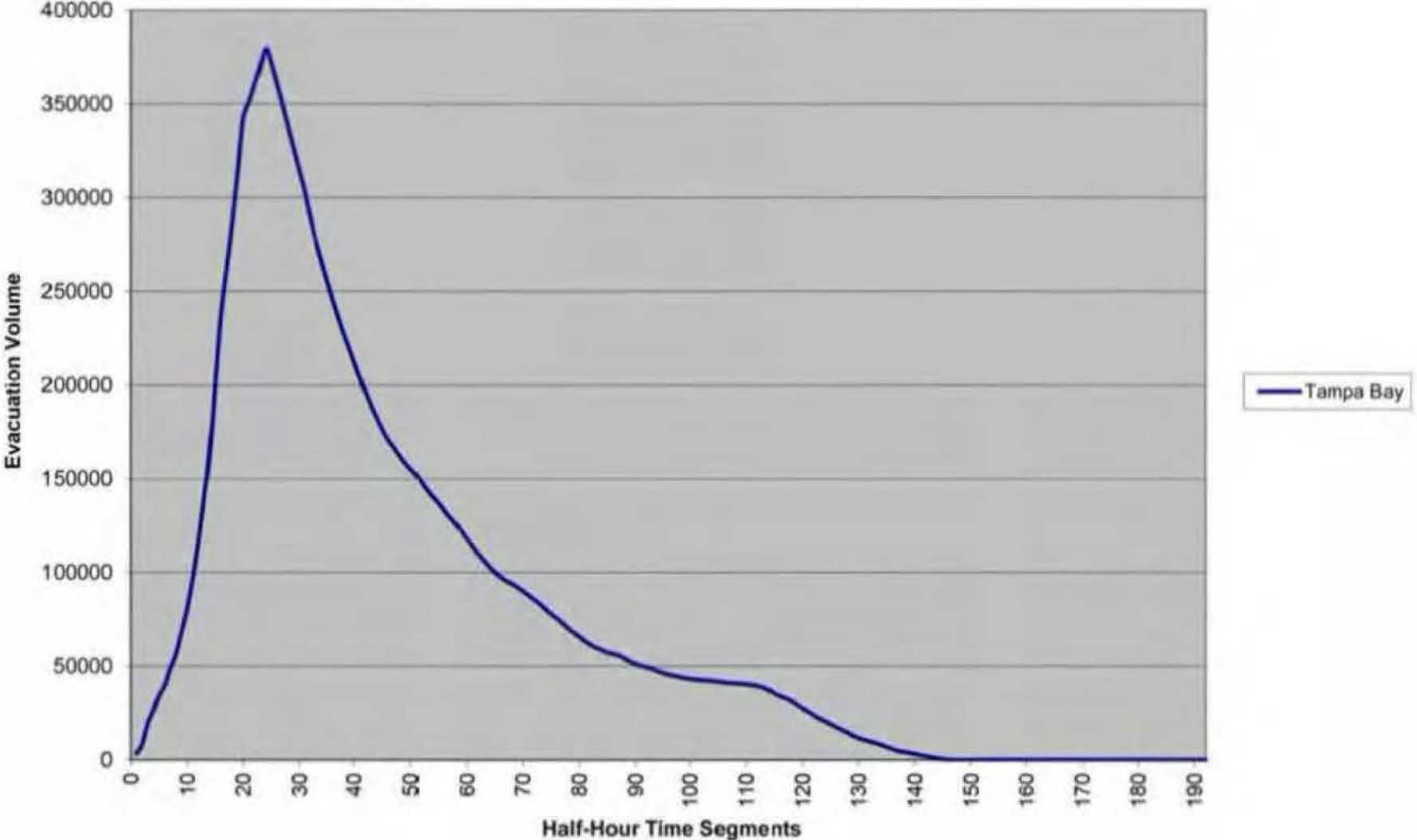
Countywide Evacuation

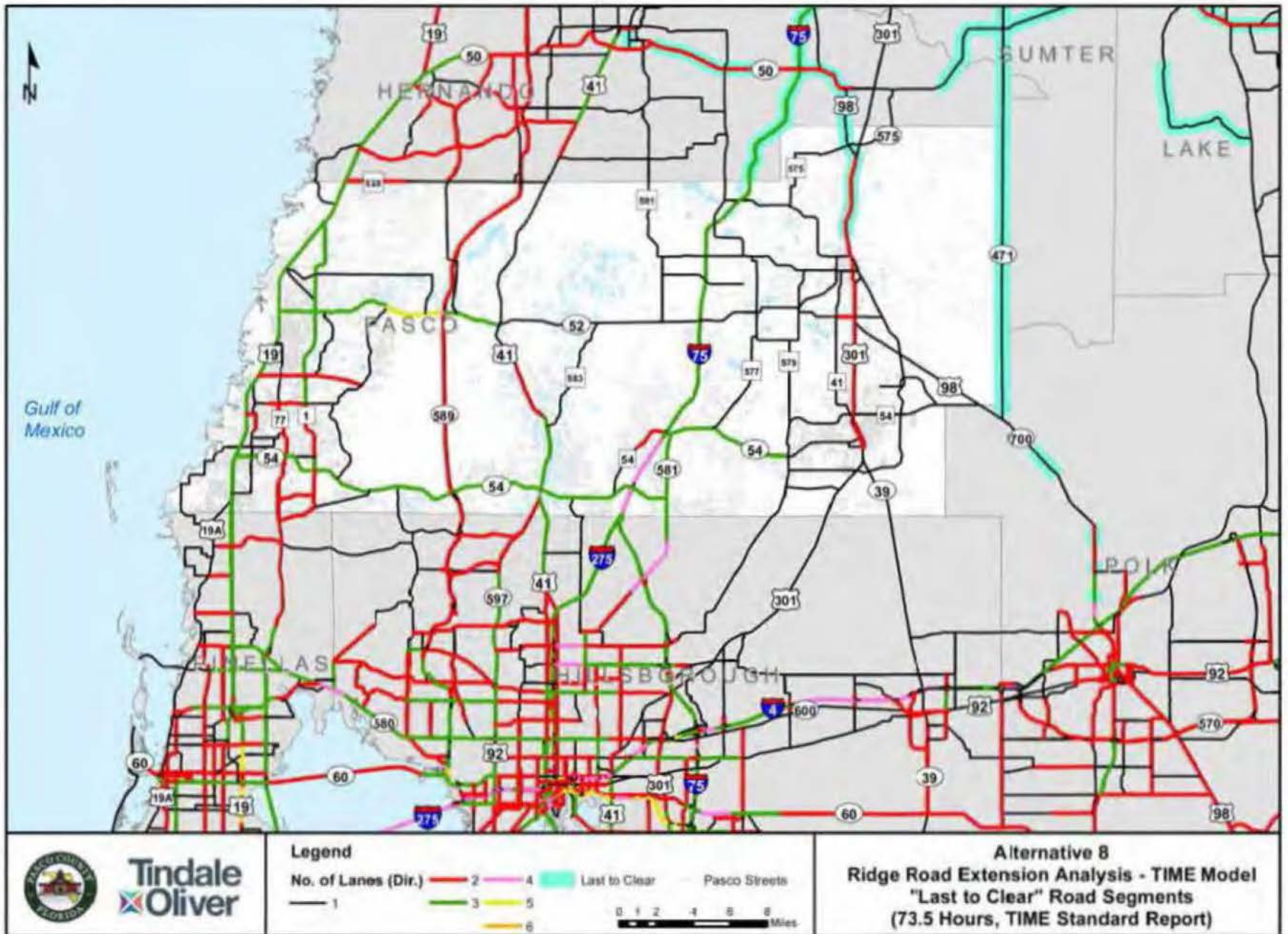
D-3-10



D-3-11

Regional Evacuation



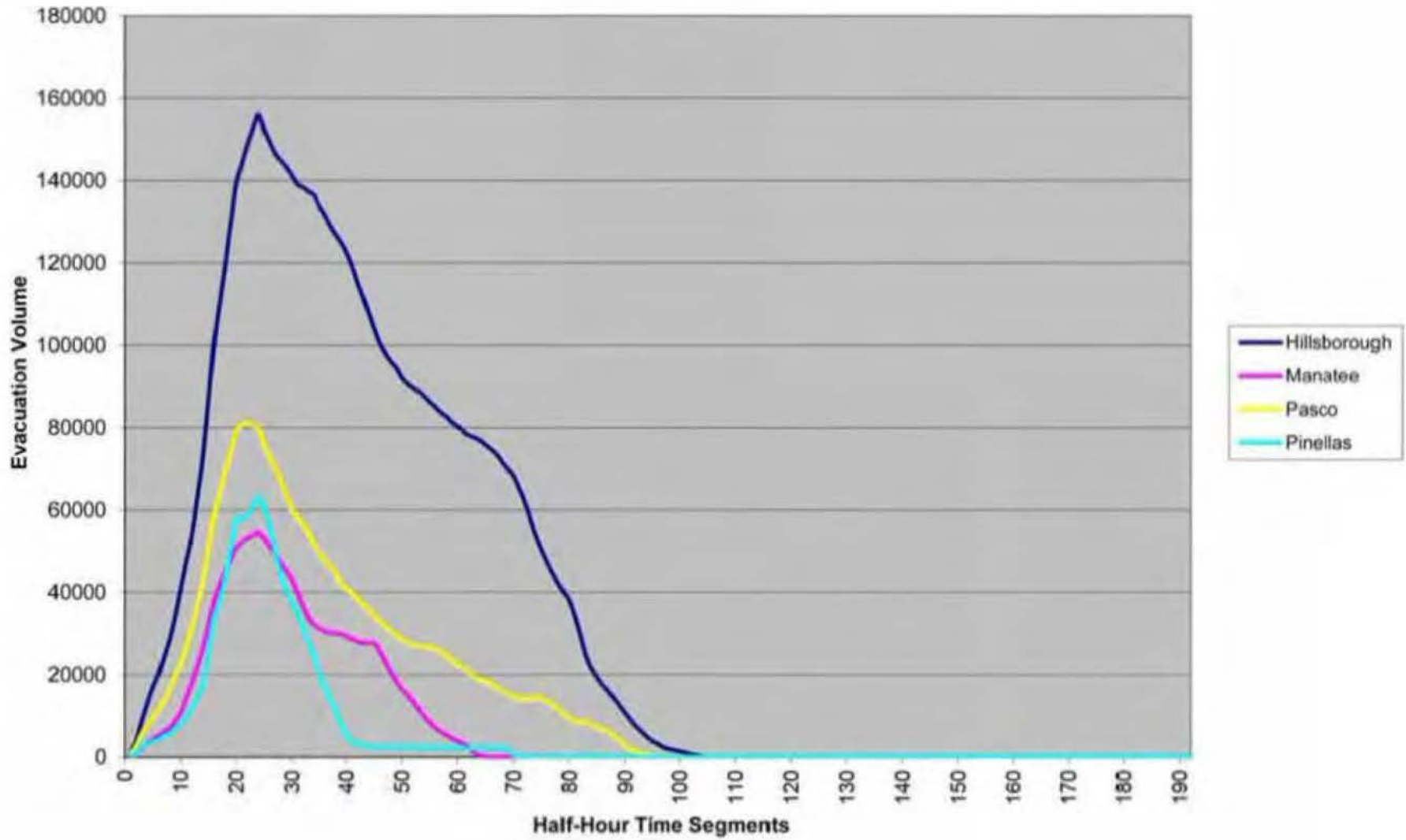


Evacuation Model Run Summary - Alt 9

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	52	48	52.5	35.5
Out-of-County	52.5	49	52.5	38
To Shelter	52	38	52.5	24.5
Regional Clearance Time:		52.5		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
Tourists	10,888	11,778	1,009	10,589
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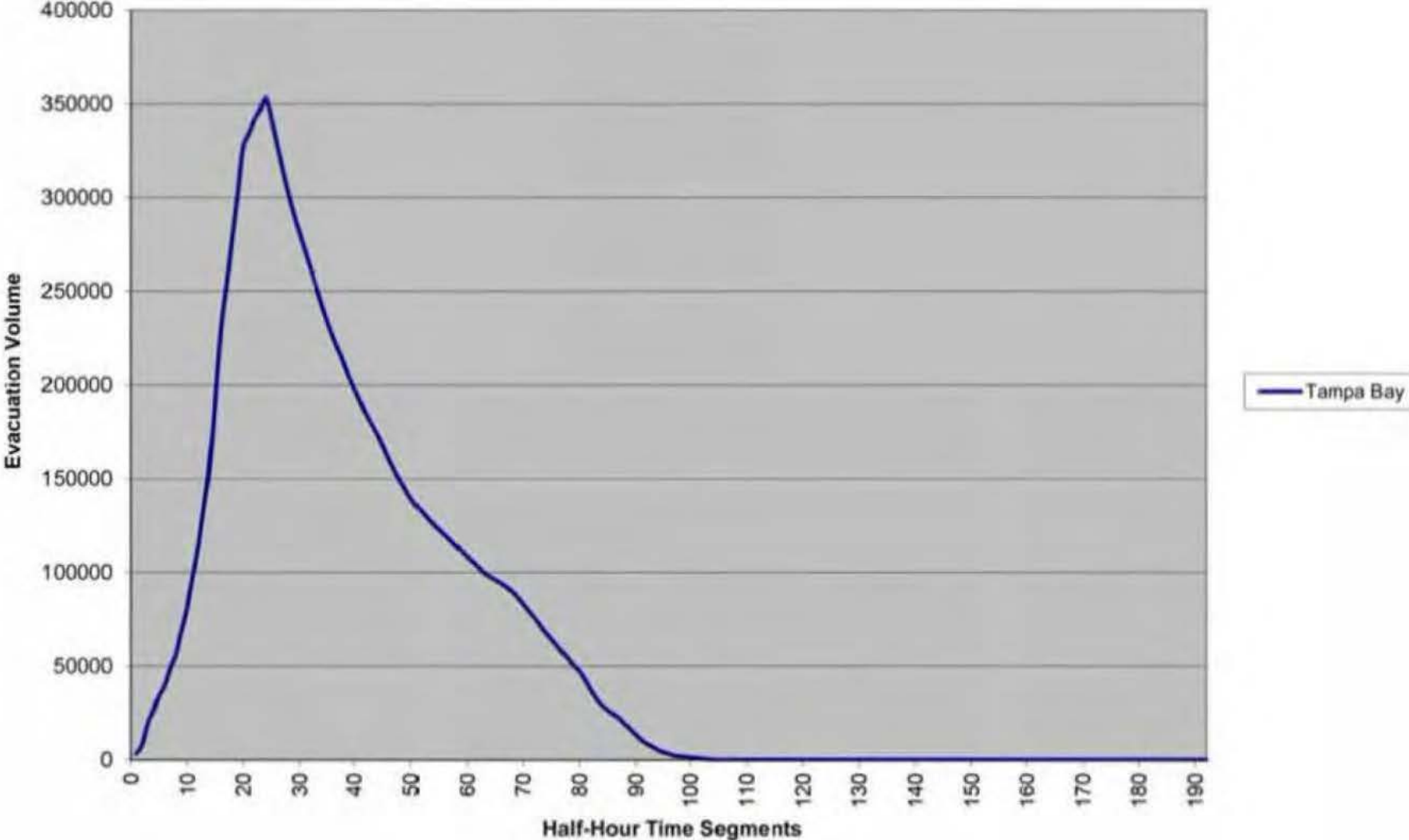
Countywide Evacuation

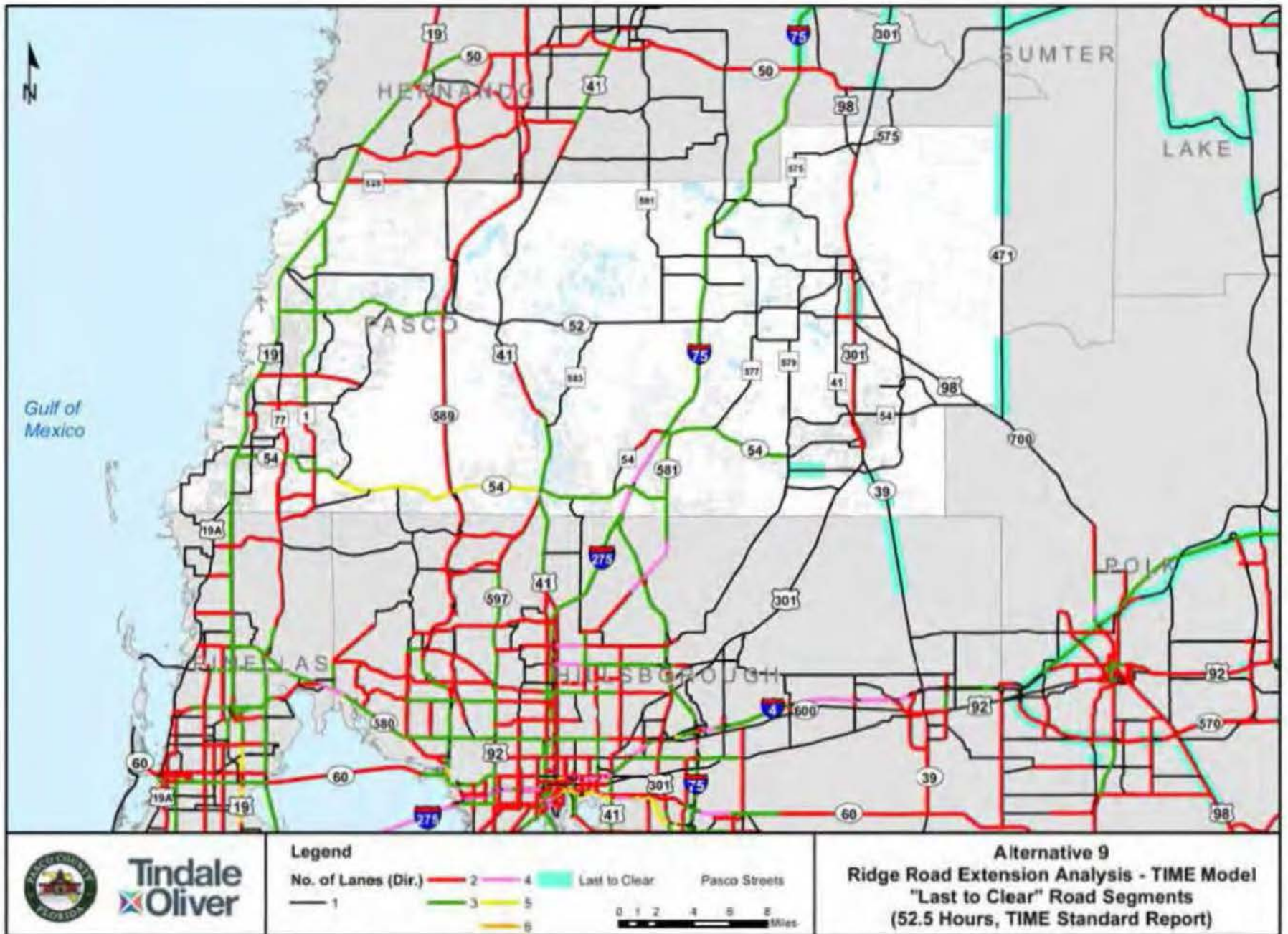


D-3-14

D-3-15

Regional Evacuation





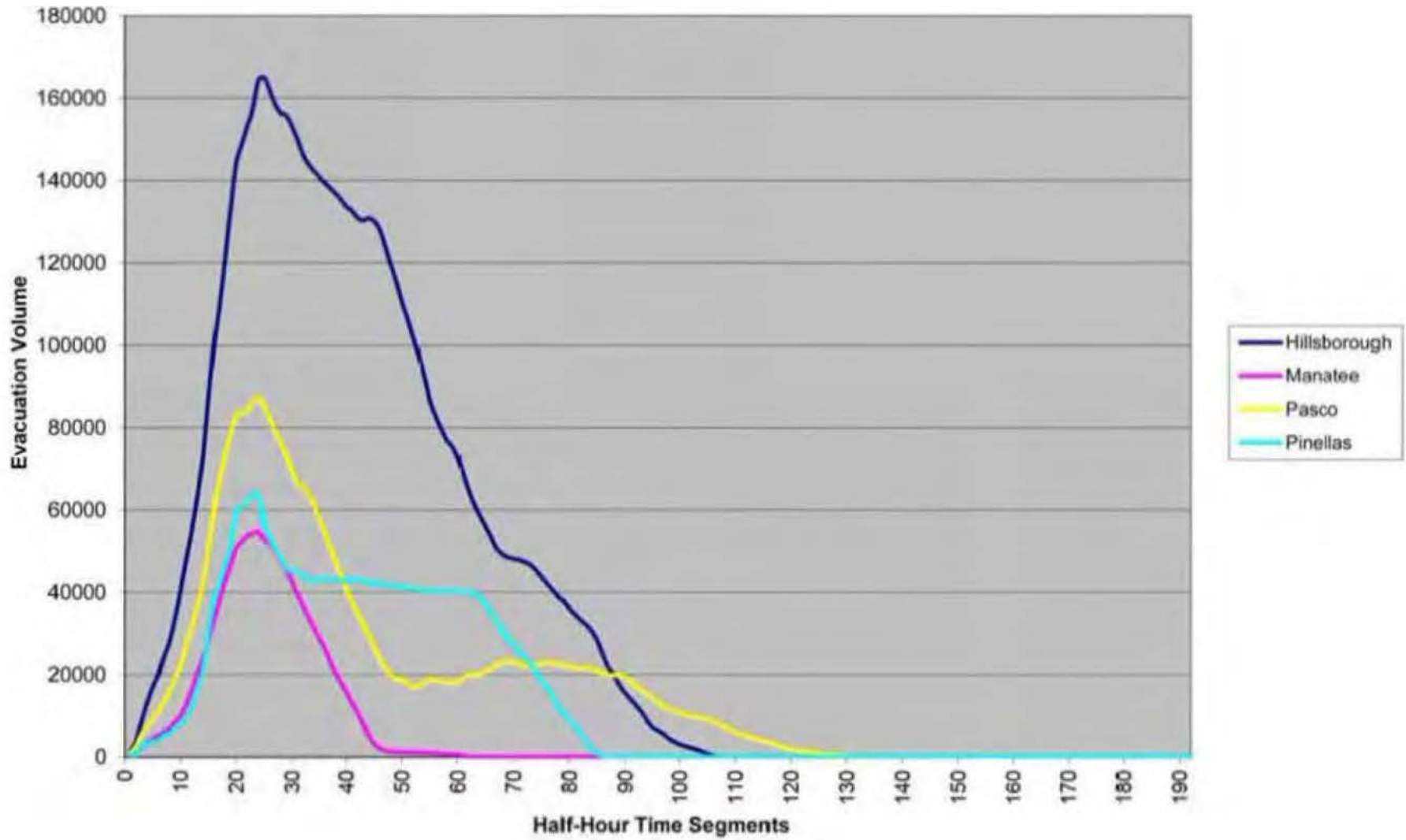
Evacuation Model Run Summary - Alt 10

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	48.5	44.5	62.5	44.5
Out-of-County	53	45	65.5	44.5
To Shelter	48.5	39.5	62.5	43
Regional Clearance Time:		65.5		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
Tourists	10,888	11,778	1,009	10,589
Total	326,528	122,916	168,856	424,607

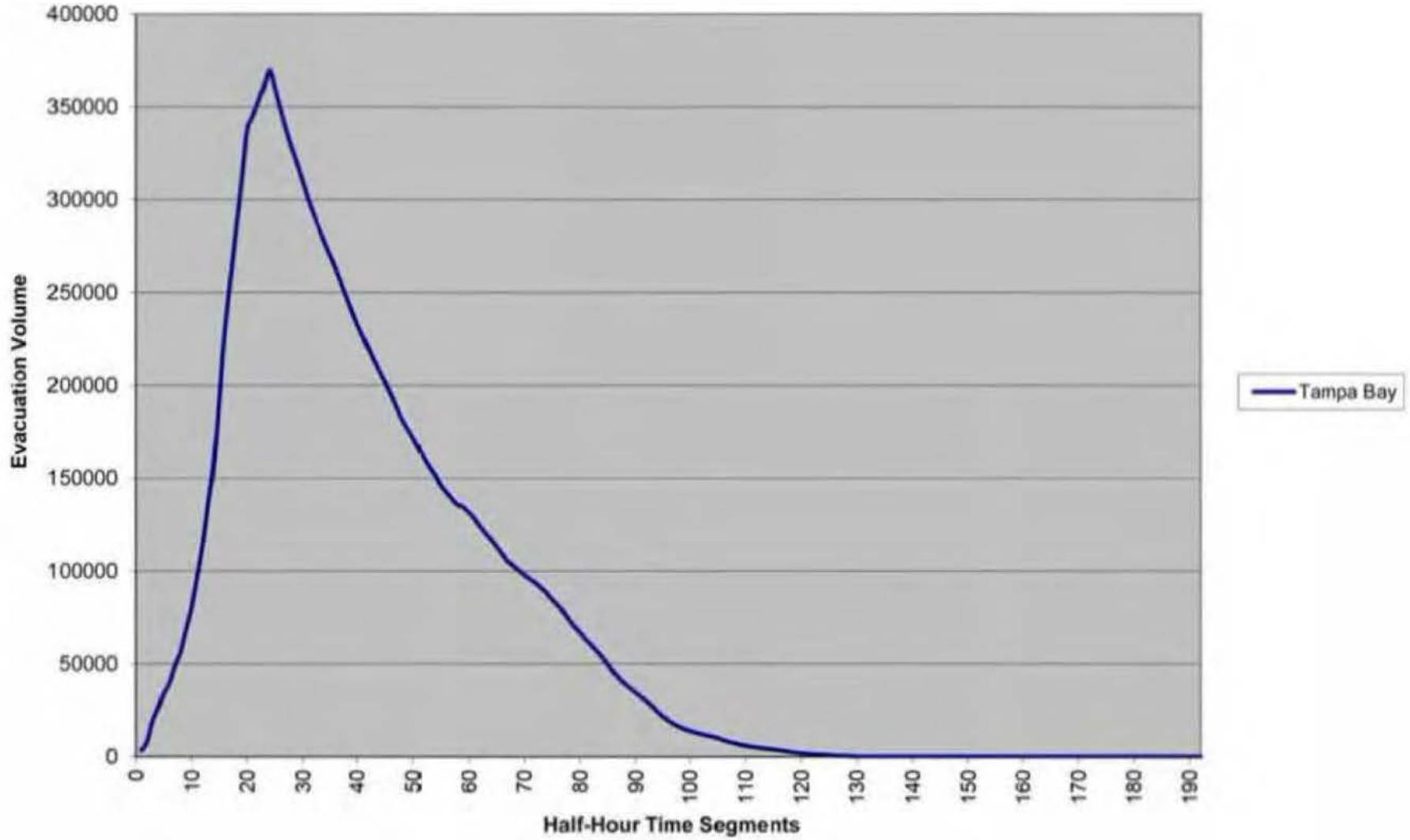
D-3-18

Countywide Evacuation



D-3-19

Regional Evacuation



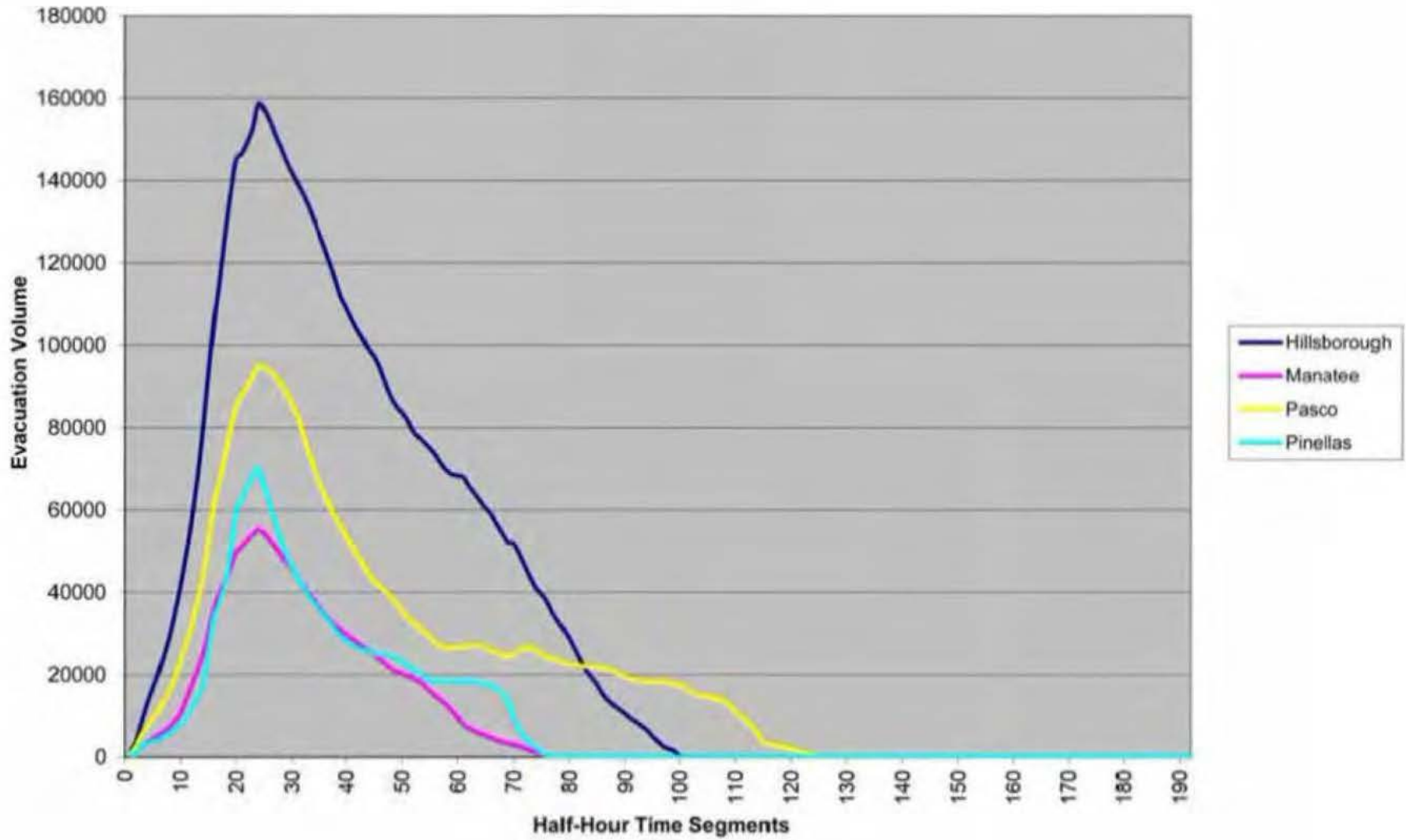
Evacuation Model Run Summary - Alt 11

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	63.5	51.5	63.5	49
Out-of-County	63.5	52	64	49
To Shelter	63.5	41	63.5	49
Regional Clearance Time:		64		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
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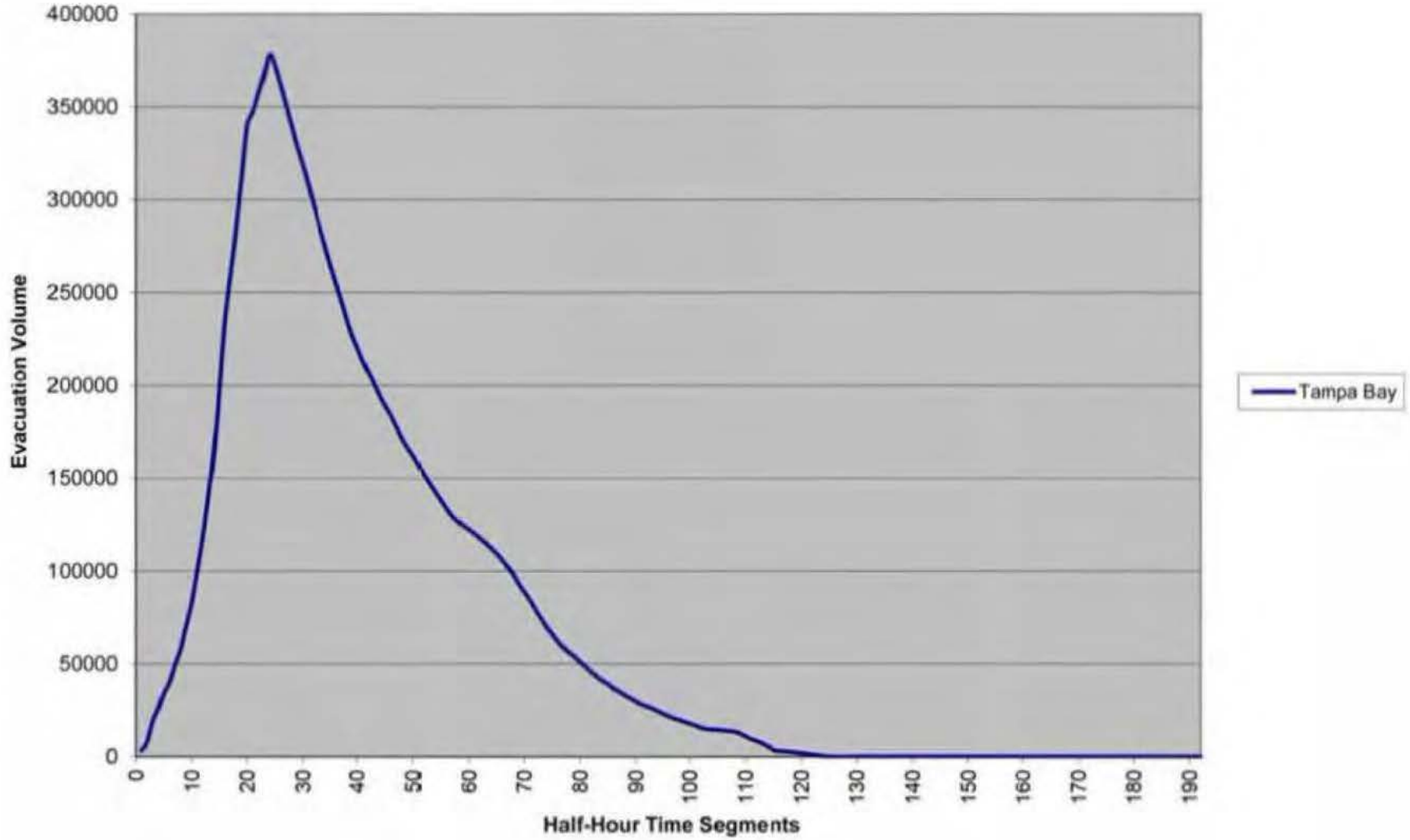
Countywide Evacuation

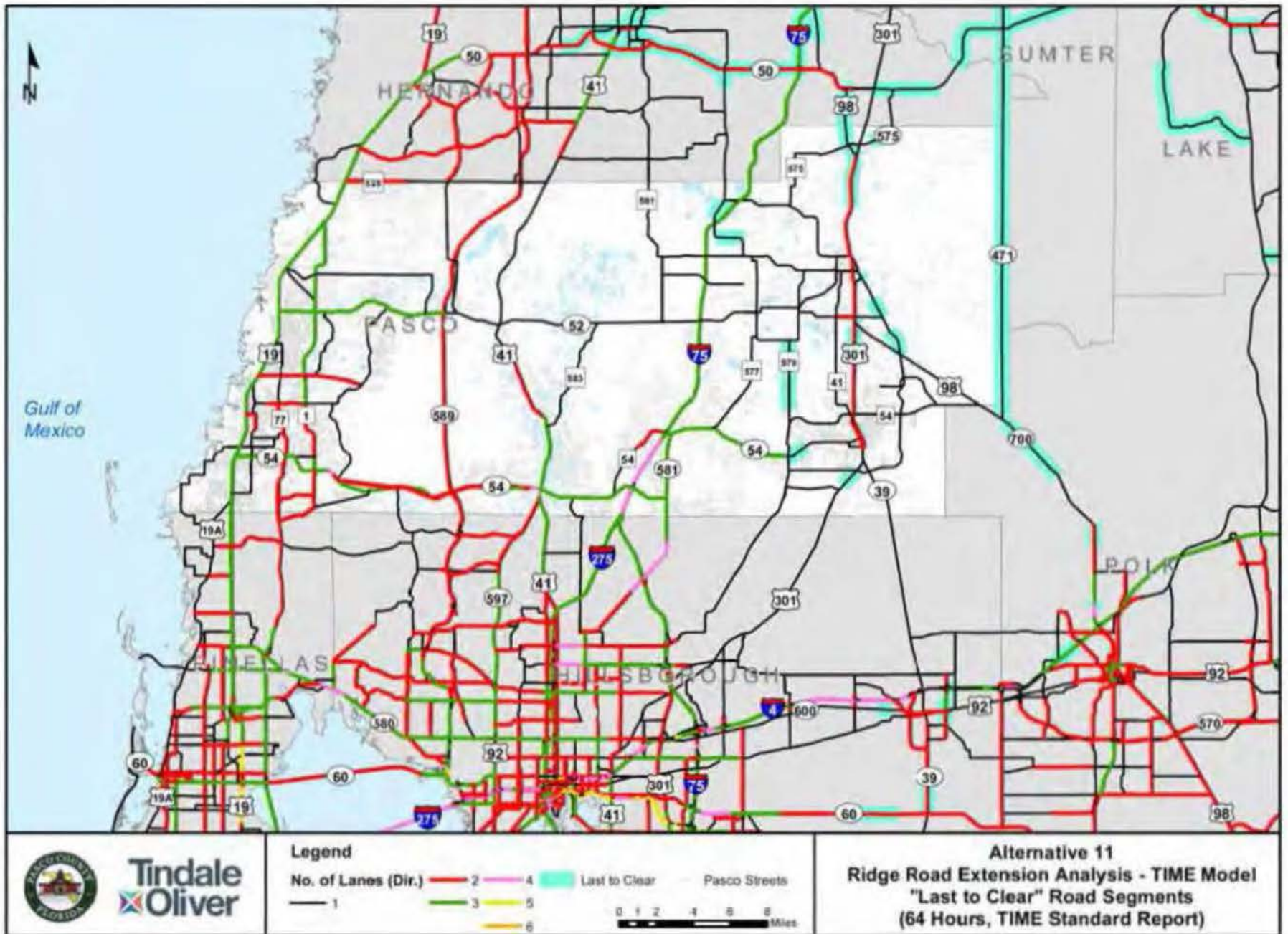
D-3-22



D-3-23

Regional Evacuation





**Tindale
Oliver**

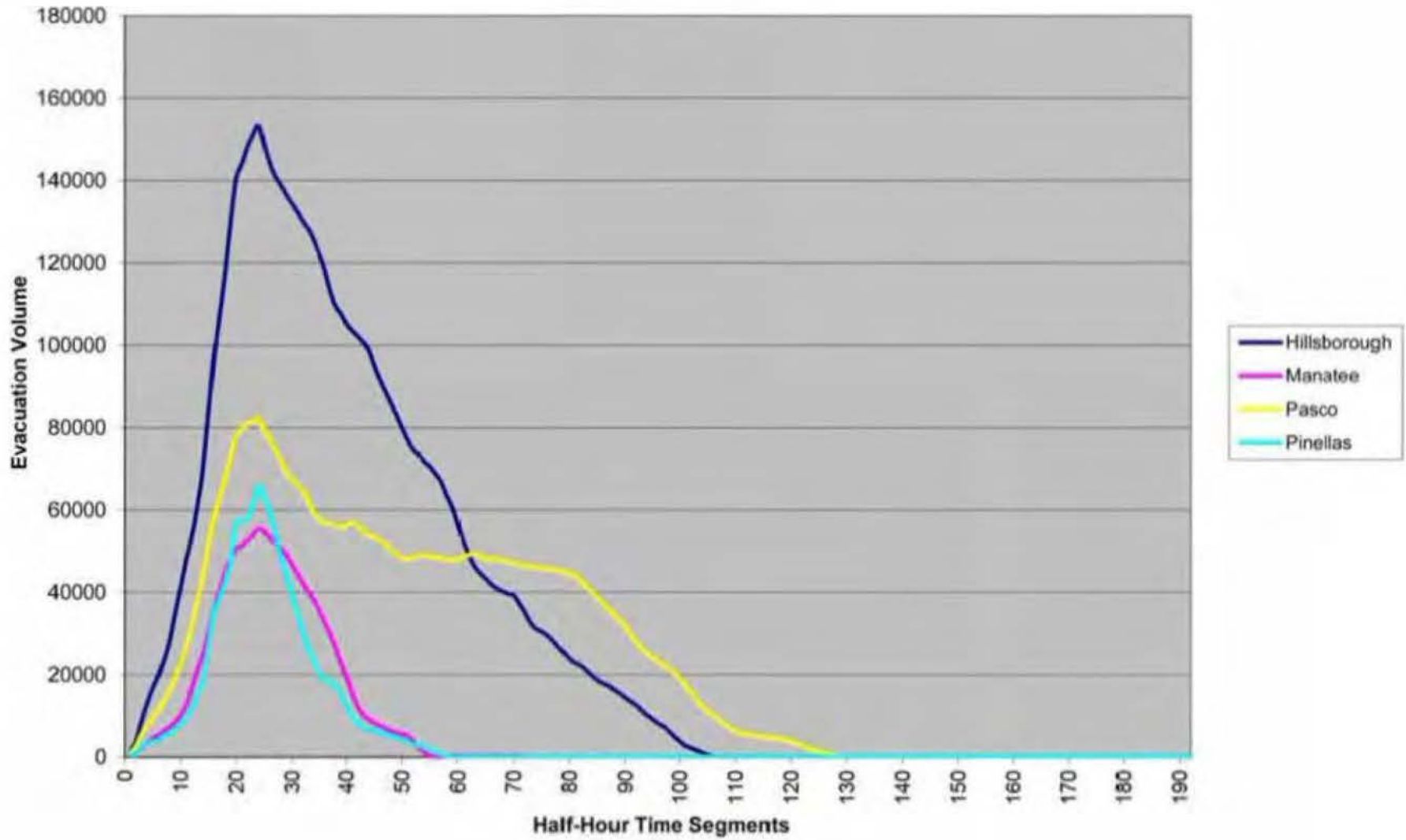
Evacuation Model Run Summary - Alt 12

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	50	41	55.5	30
Out-of-County	53	41.5	64.5	30
To Shelter	50	41	55.5	27
Regional Clearance Time:		64.5		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
Tourists	10,888	11,778	1,009	10,589
Total	326,528	122,916	168,856	424,607

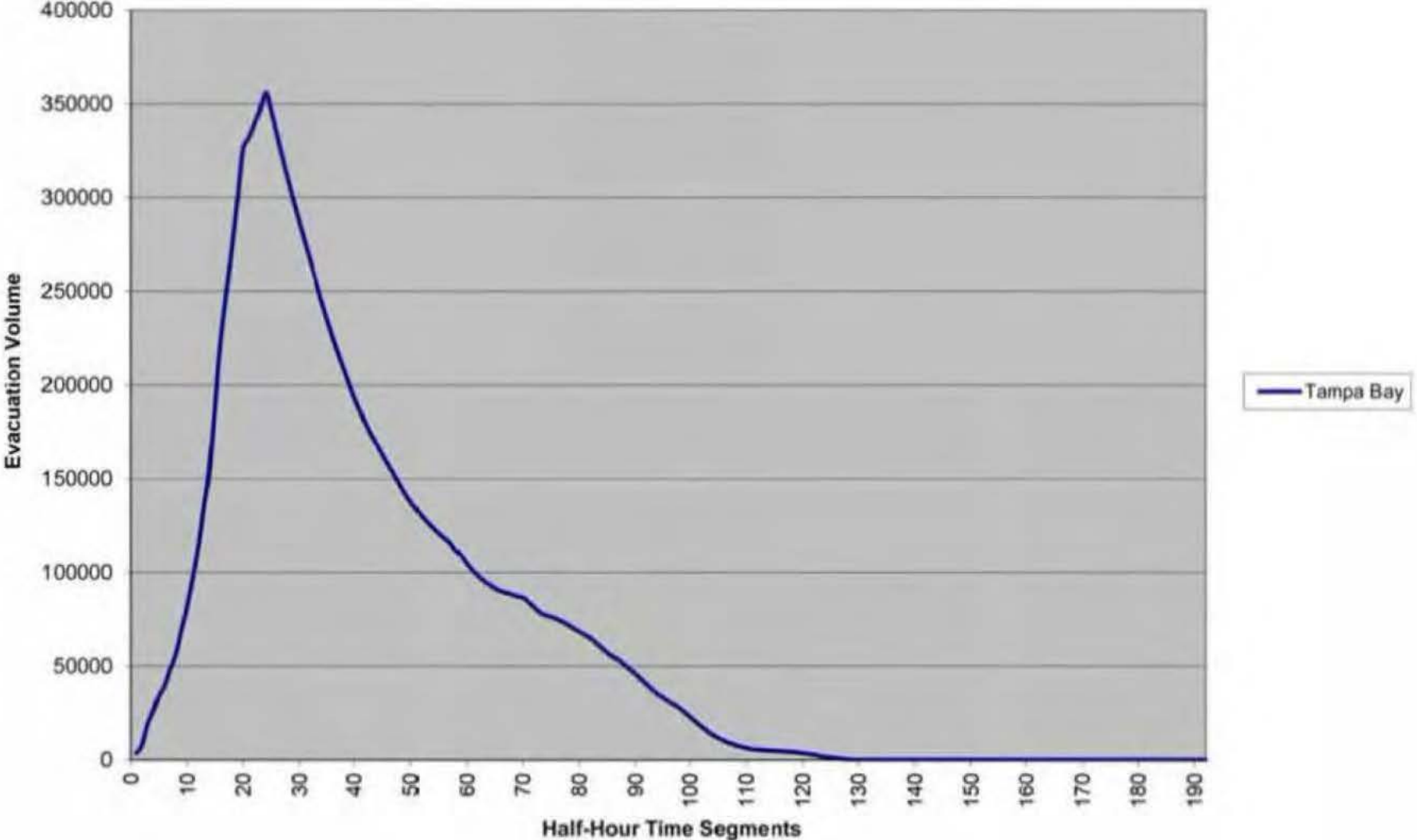
Countywide Evacuation

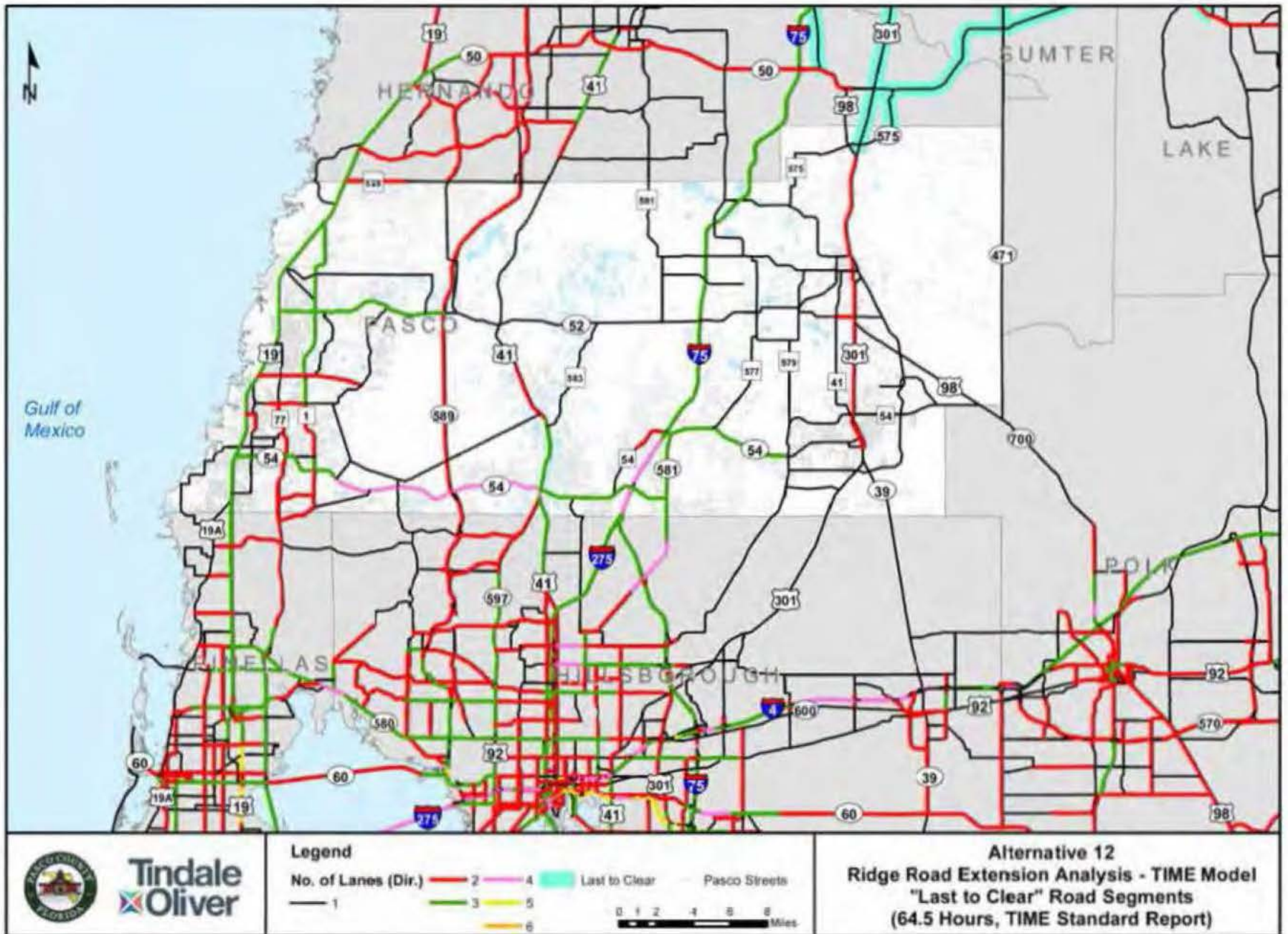
D-3-26



D-3-27

Regional Evacuation





Tindale
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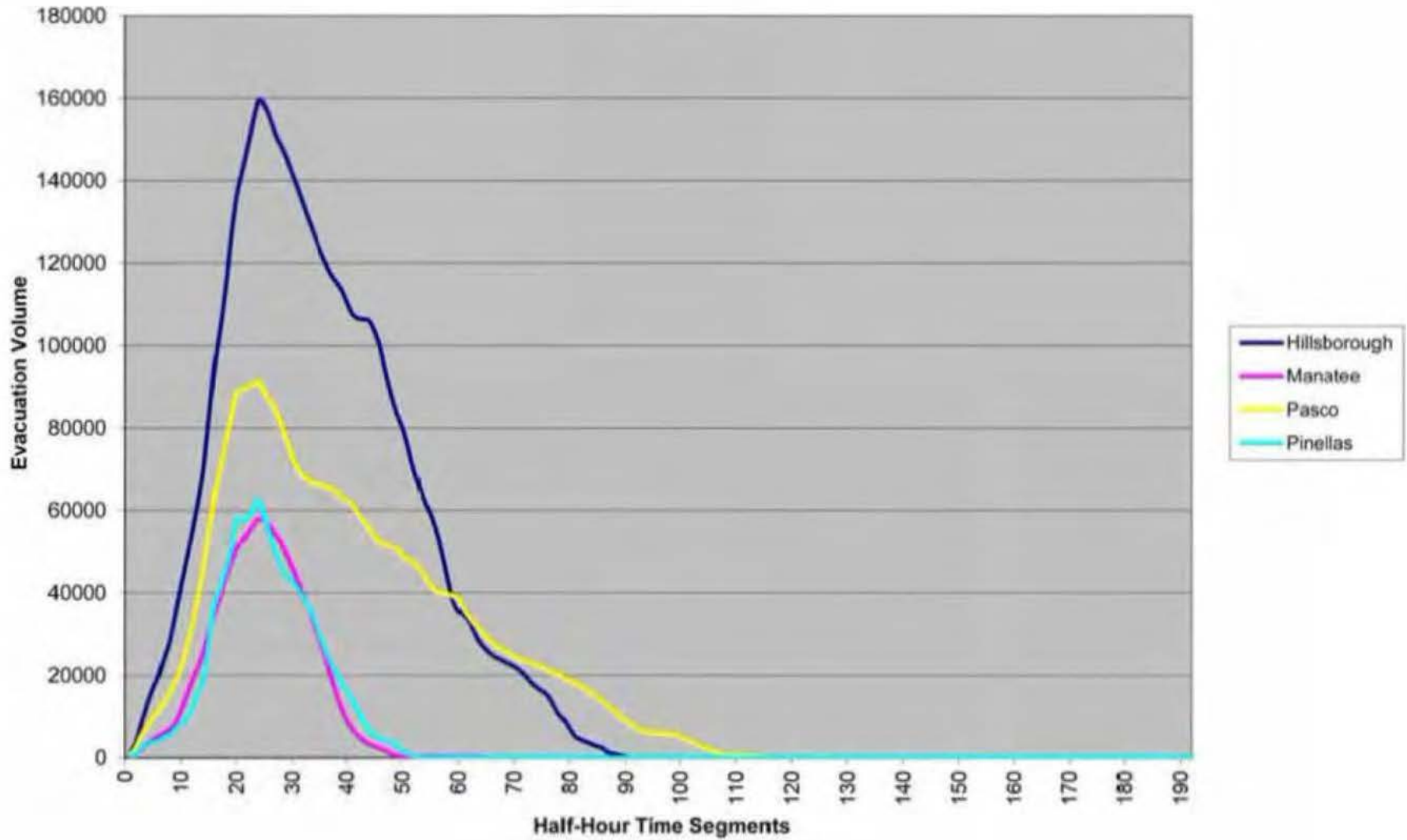
Evacuation Model Run Summary - Alt 13

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	43.5	43	62.5	30
Out-of-County	55	43	68.5	30
To Shelter	43.5	43	62.5	30
Regional Clearance Time:		68.5		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
Tourists	10,888	11,778	1,009	10,589
Total	326,528	122,916	168,856	424,607

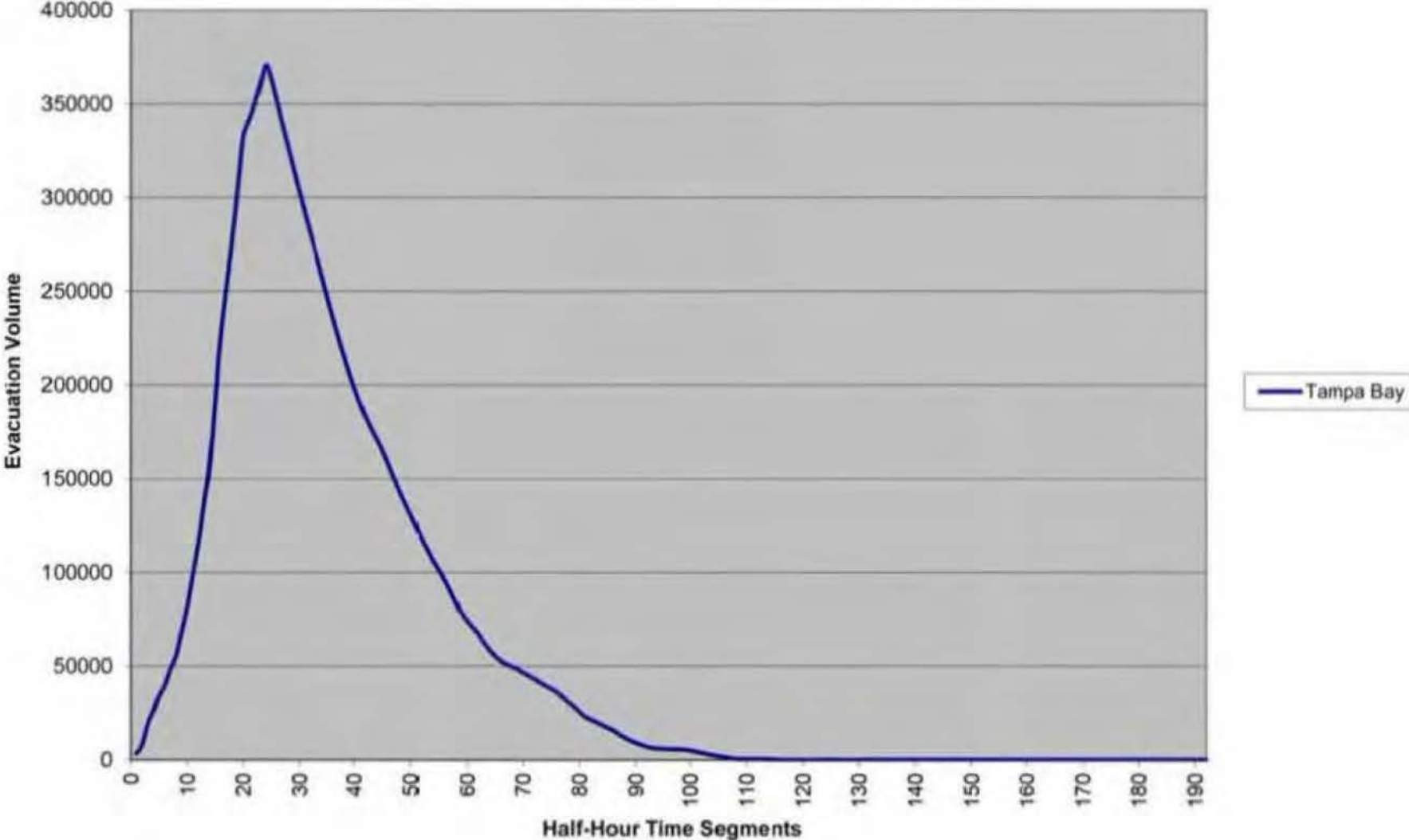
Countywide Evacuation

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D-3-31

Regional Evacuation



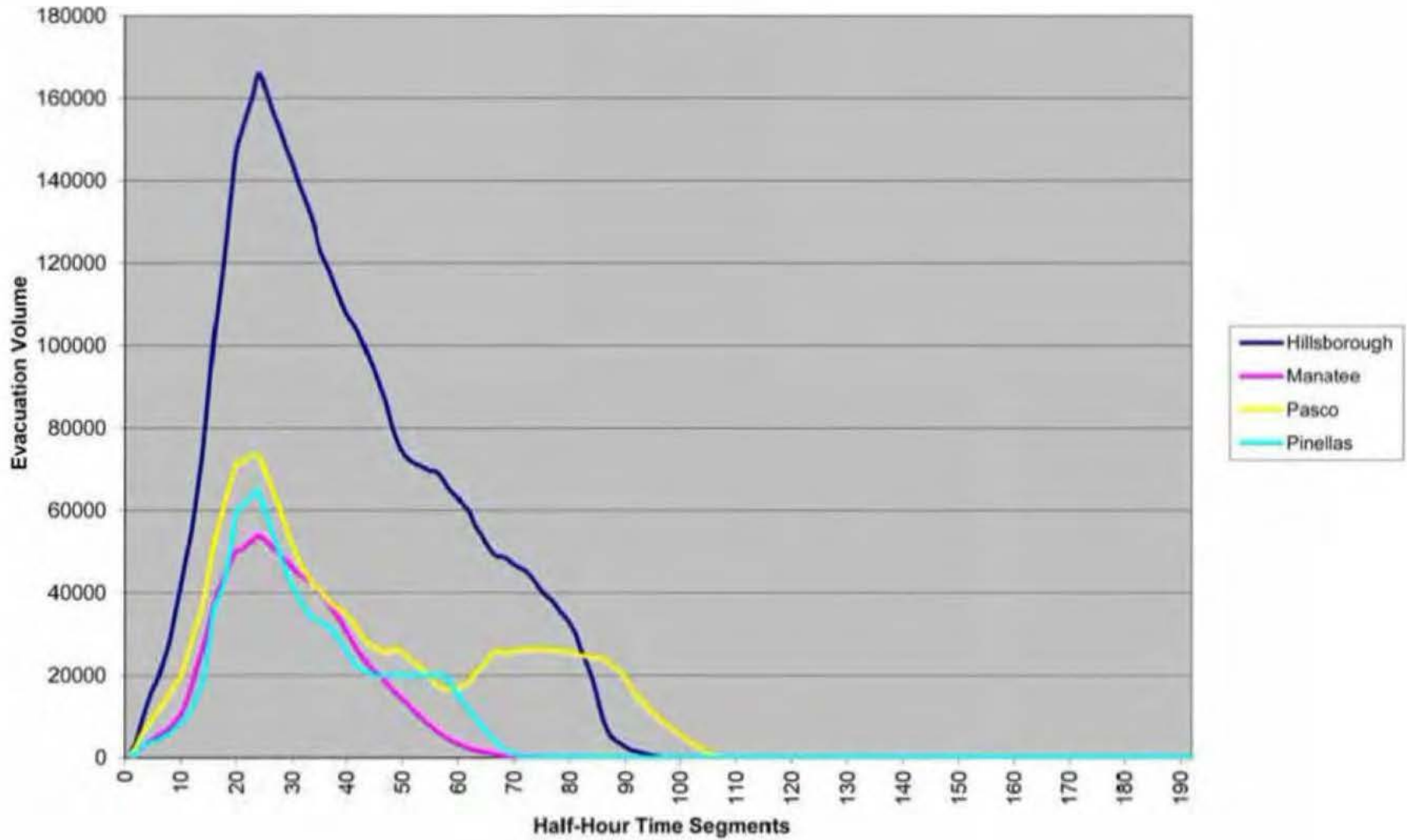
Evacuation Model Run Summary - Alt 14

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	48.5	42.5	51	42.5
Out-of-County	48.5	43	54	42.5
To Shelter	46	42.5	51	37.5
Regional Clearance Time:			54	
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
Tourists	10,888	11,778	1,009	10,589
Total	326,528	122,916	168,856	424,607

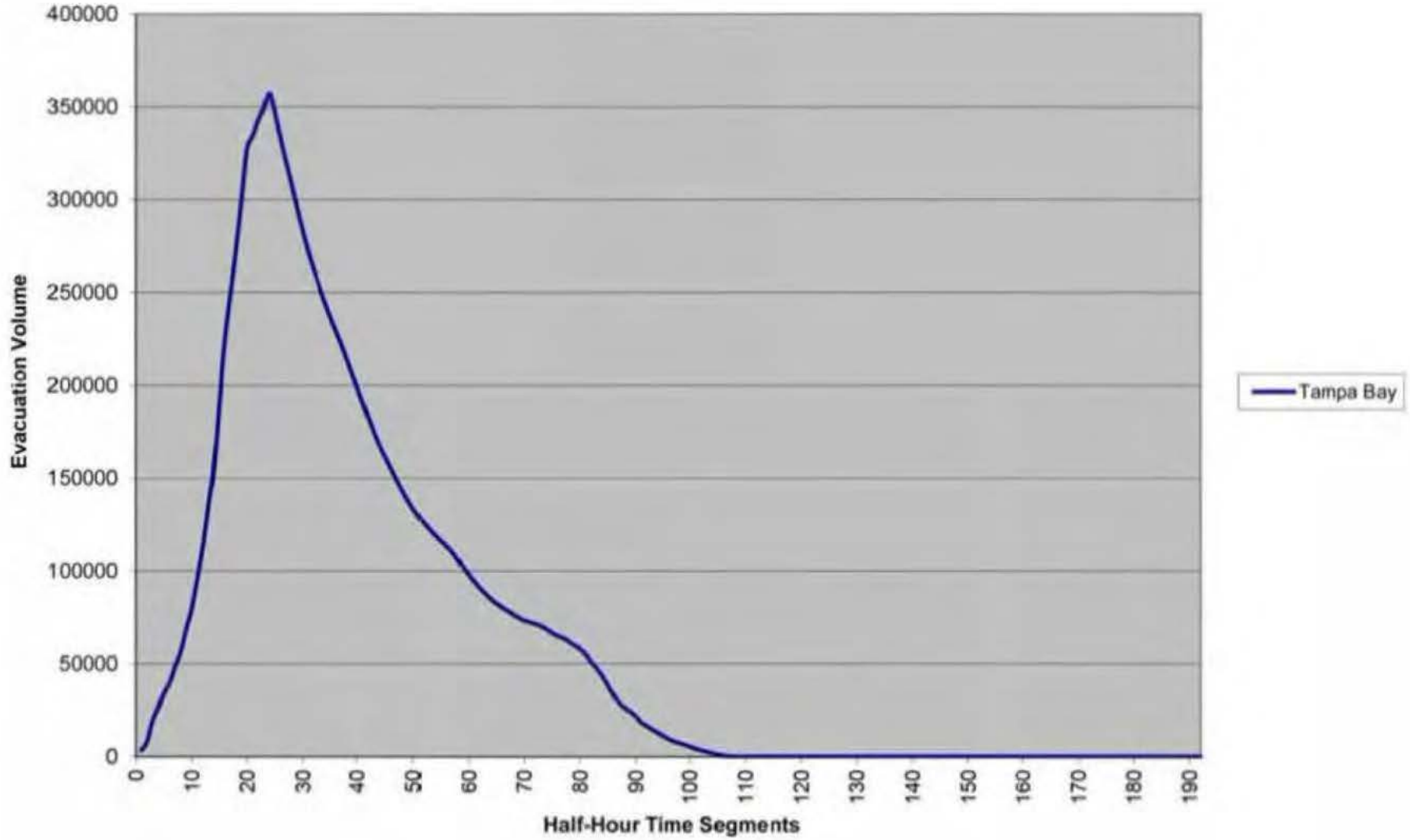
Countywide Evacuation

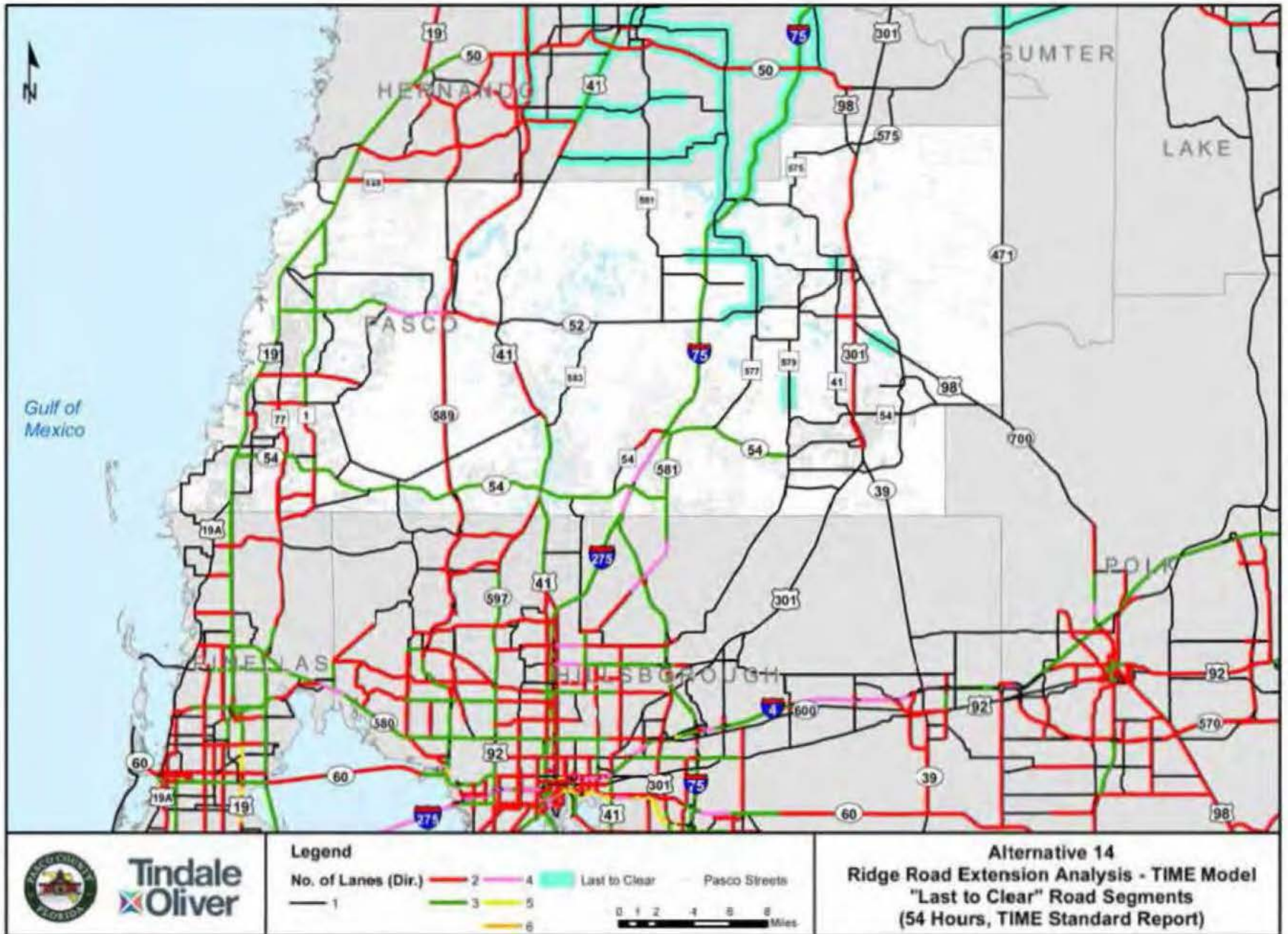
D-3-34



D-3-35

Regional Evacuation



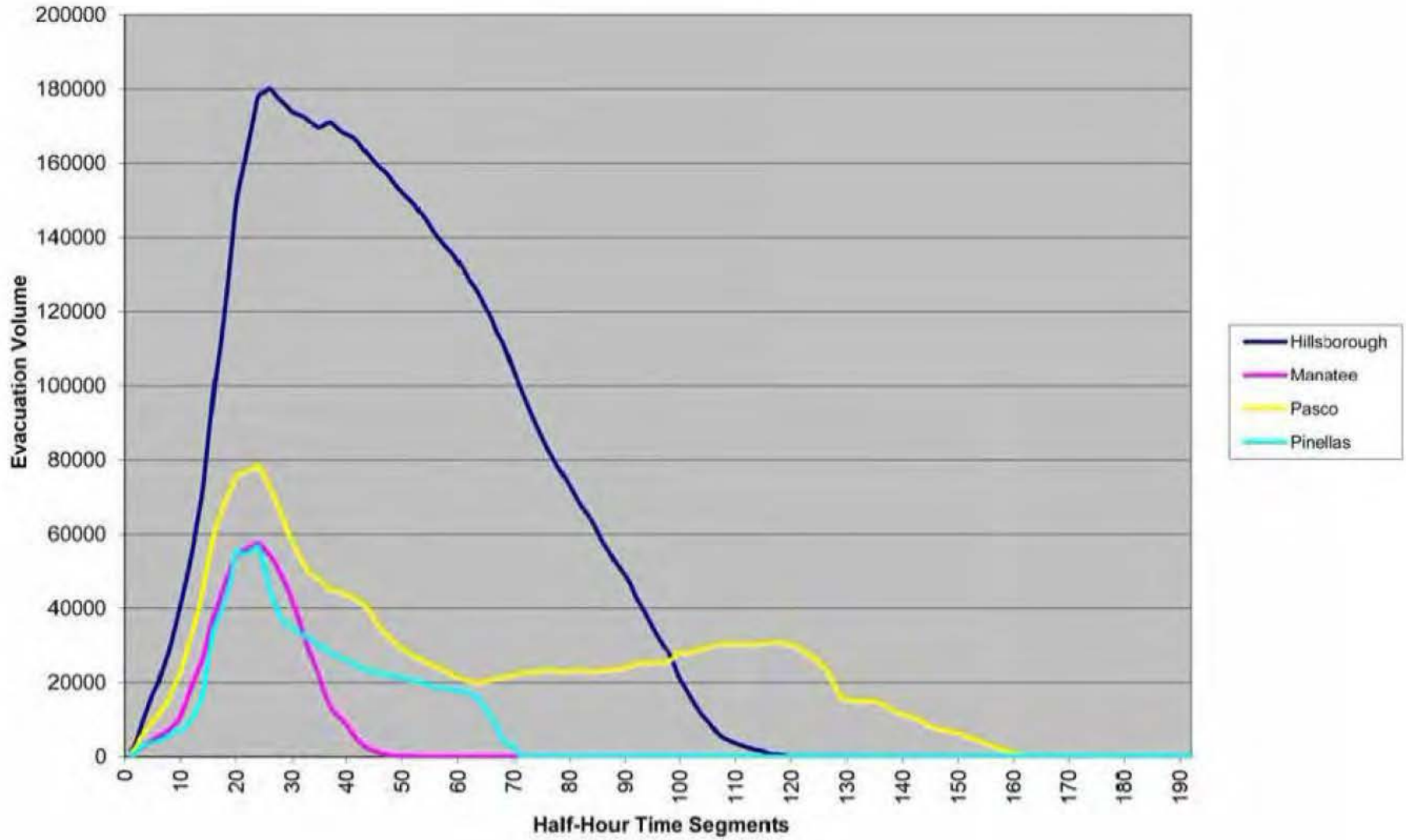


Evacuation Model Run Summary - Alt 15

Region: Tampa Bay
 Year: 2015

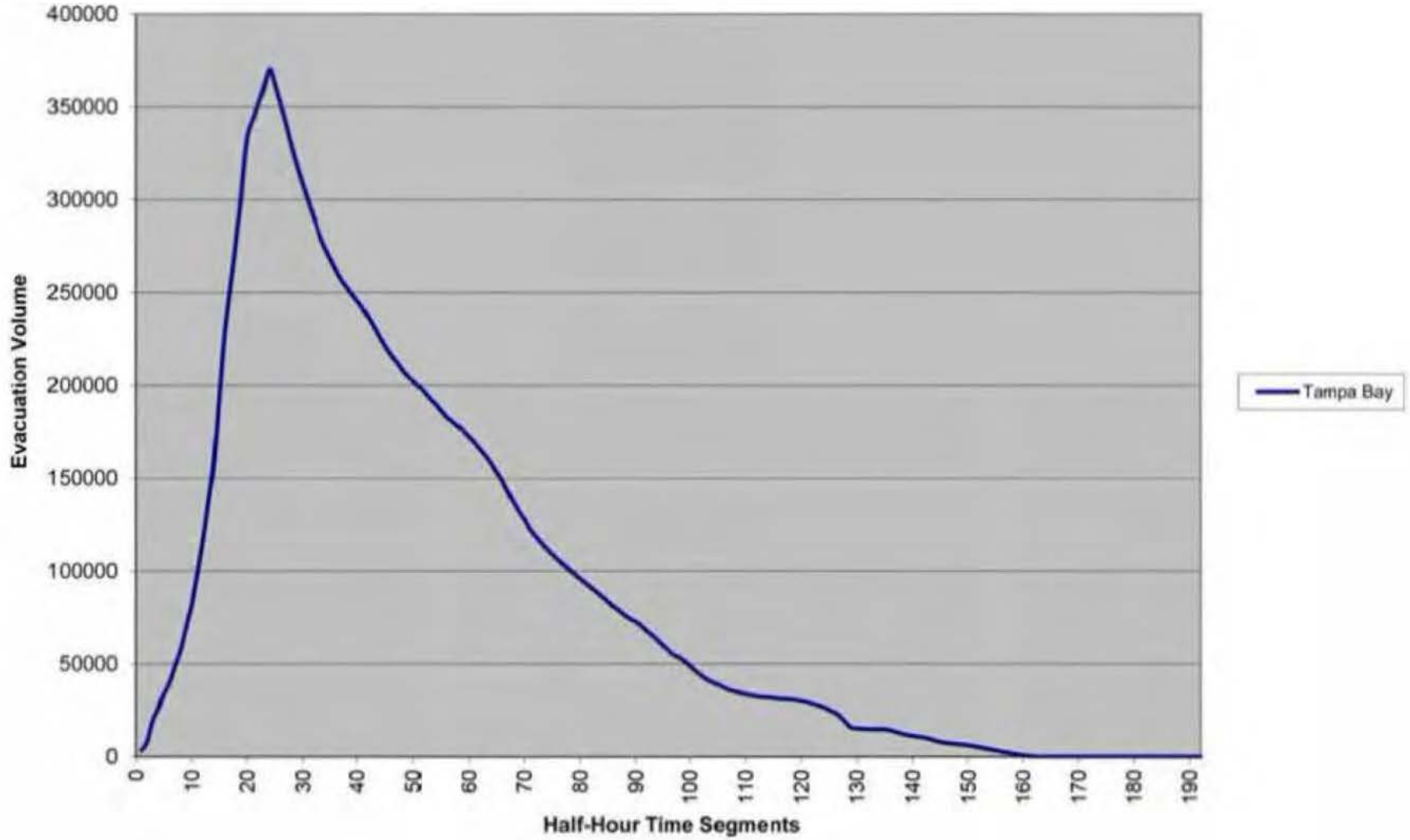
Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	56.5	53.5	70.5	51
Out-of-County	69.5	55	81.5	51
To Shelter	56.5	37.5	70.5	45
Regional Clearance Time:		81.5		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
Tourists	10,888	11,778	1,009	10,589
Total	326,528	122,916	168,856	424,607

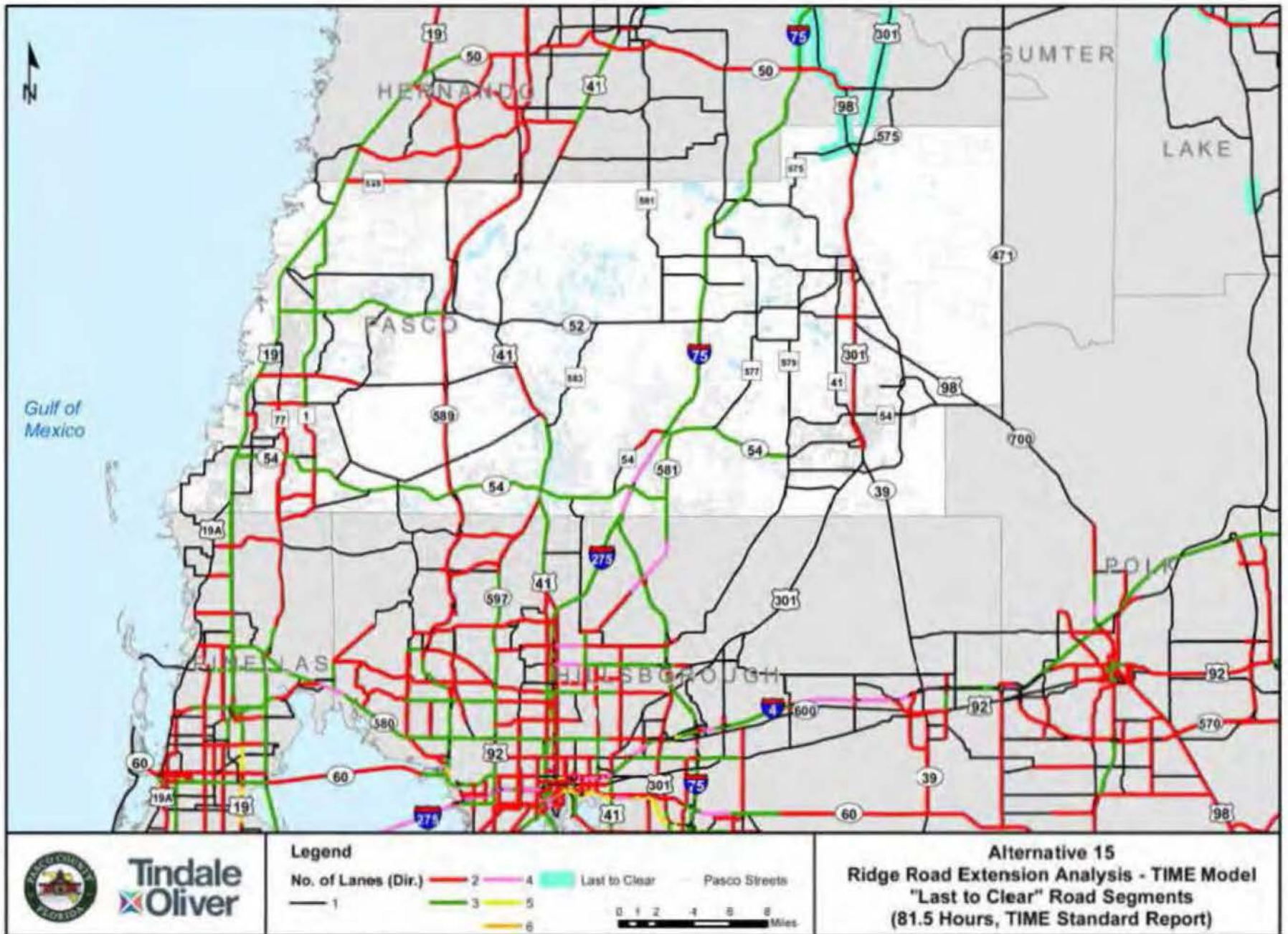
Countywide Evacuation



D-3-39

Regional Evacuation





Tindale Oliver

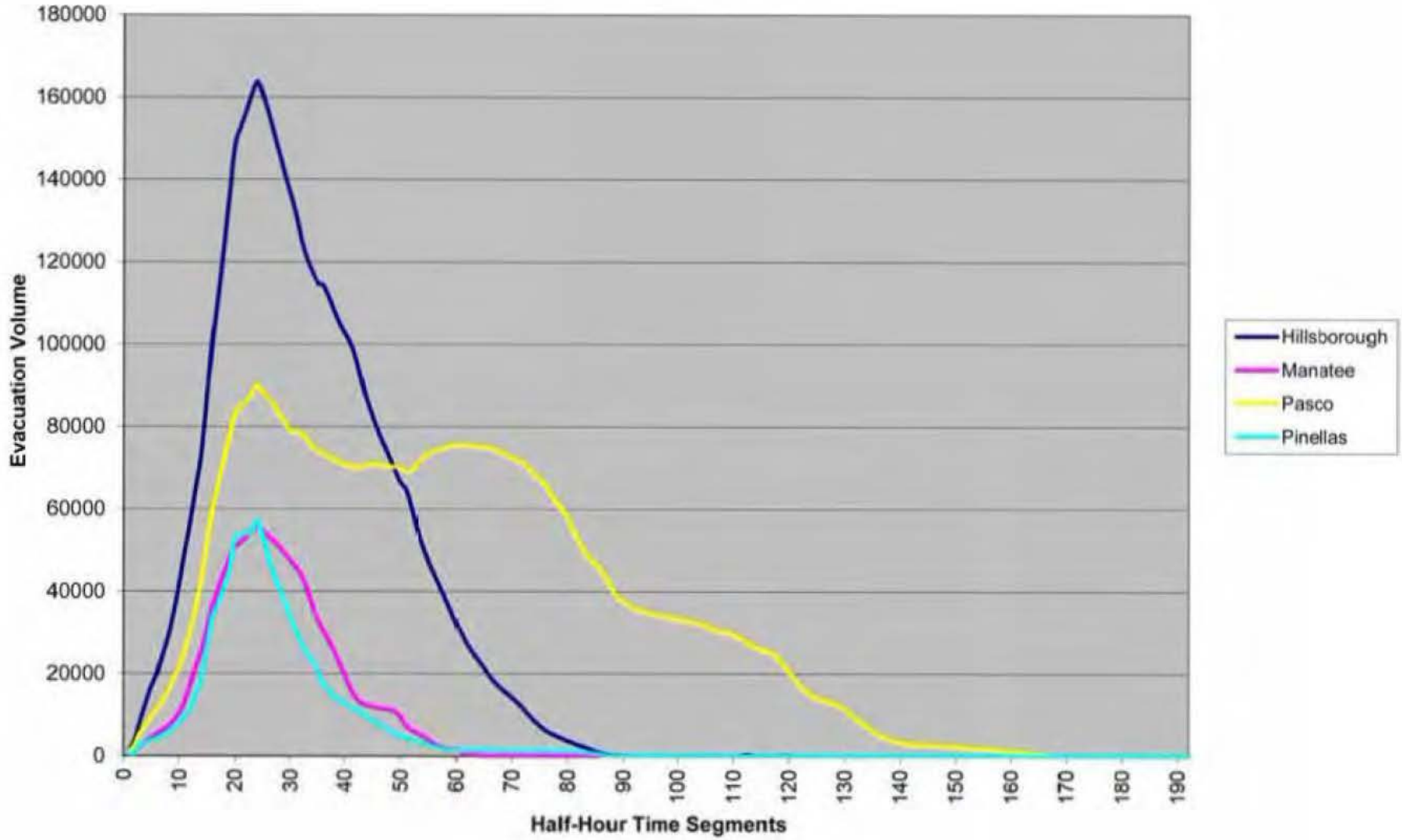
Evacuation Model Run Summary - Alt 16

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	56.5	46	69.5	43.5
Out-of-County	69	57	83.5	43.5
To Shelter	56	39.5	69.5	42
Regional Clearance Time:		83.5		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
Tourists	32,100	35,335	2,971	31,772
Total	697,462	349,537	326,354	729,413
<i>Shelter Demand -</i>				
	53,447	20,389	29,469	50,041
<i>Trips -</i>				
Site-Built	284,398	96,228	131,377	389,339
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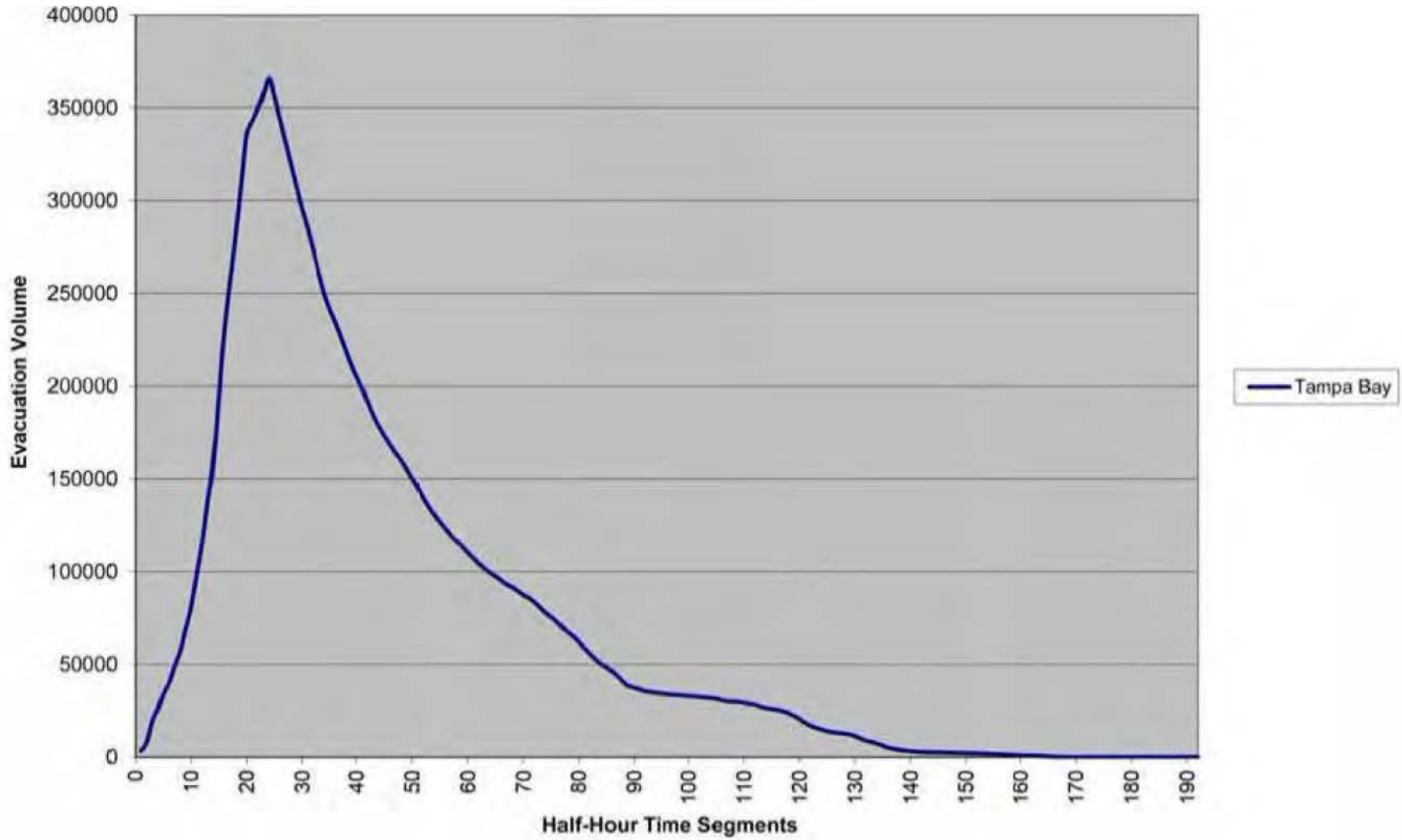
Countywide Evacuation

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Regional Evacuation

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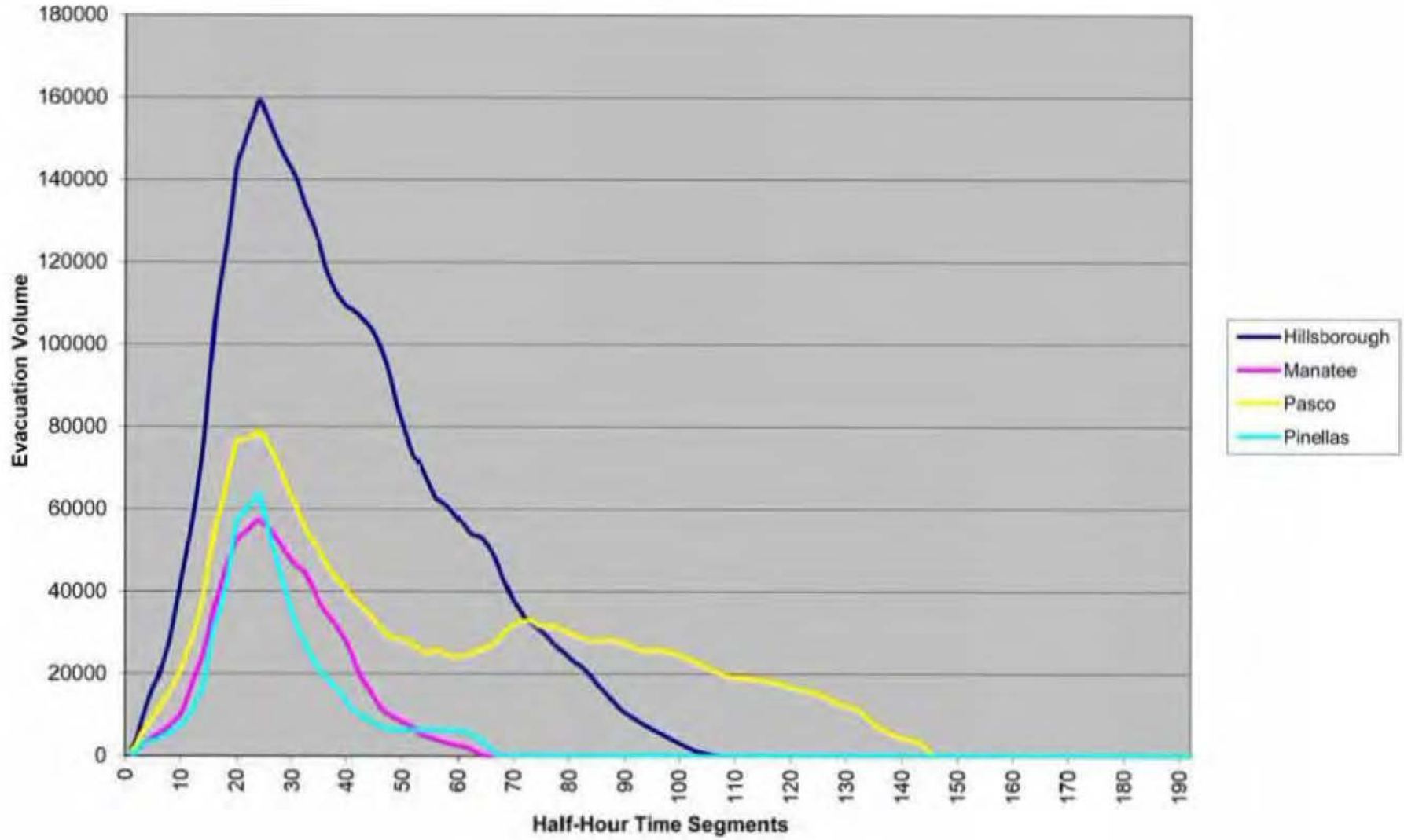
Evacuation Model Run Summary - Alt. 17

Region: Tampa Bay
 Year: 2015

Scenario Parameters				
	Hillsborough	Manatee	Pasco	Pinellas
Evacuation Level	E	E	E	E
Response Curve	12 hours	12 hours	12 hours	12 hours
100% Response?	Yes	Yes	Yes	Yes
Clearance Times				
	Hillsborough	Manatee	Pasco	Pinellas
In-County	52	49.5	64	34.5
Out-of-County	54	50.5	73	34.5
To Shelter	51.5	37.5	64	34.5
Regional Clearance Time:		73		
Evacuation Demand				
	Hillsborough	Manatee	Pasco	Pinellas
<i>Population -</i>				
Site-Built	600,026	289,666	255,168	653,324
Mobile Home	65,336	24,536	68,215	44,317
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	53,447	20,389	29,469	50,041
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Site-Built	284,398	96,228	131,377	389,339
Mobile Home	31,242	14,910	36,470	24,679
Tourists	10,888	11,778	1,009	10,589
Total	326,528	122,916	168,856	424,607

Countywide Evacuation

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Regional Evacuation

D-3-47

