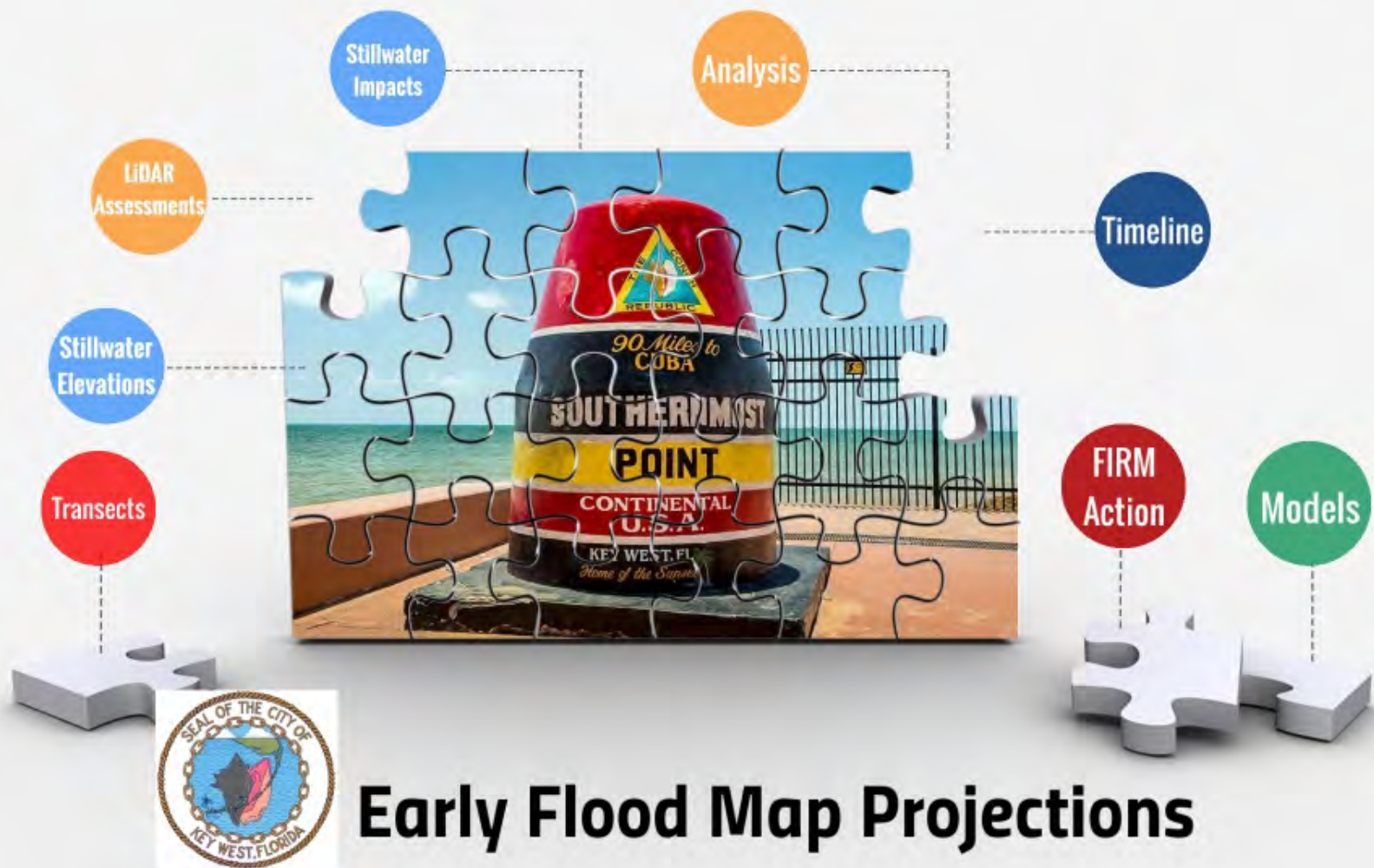
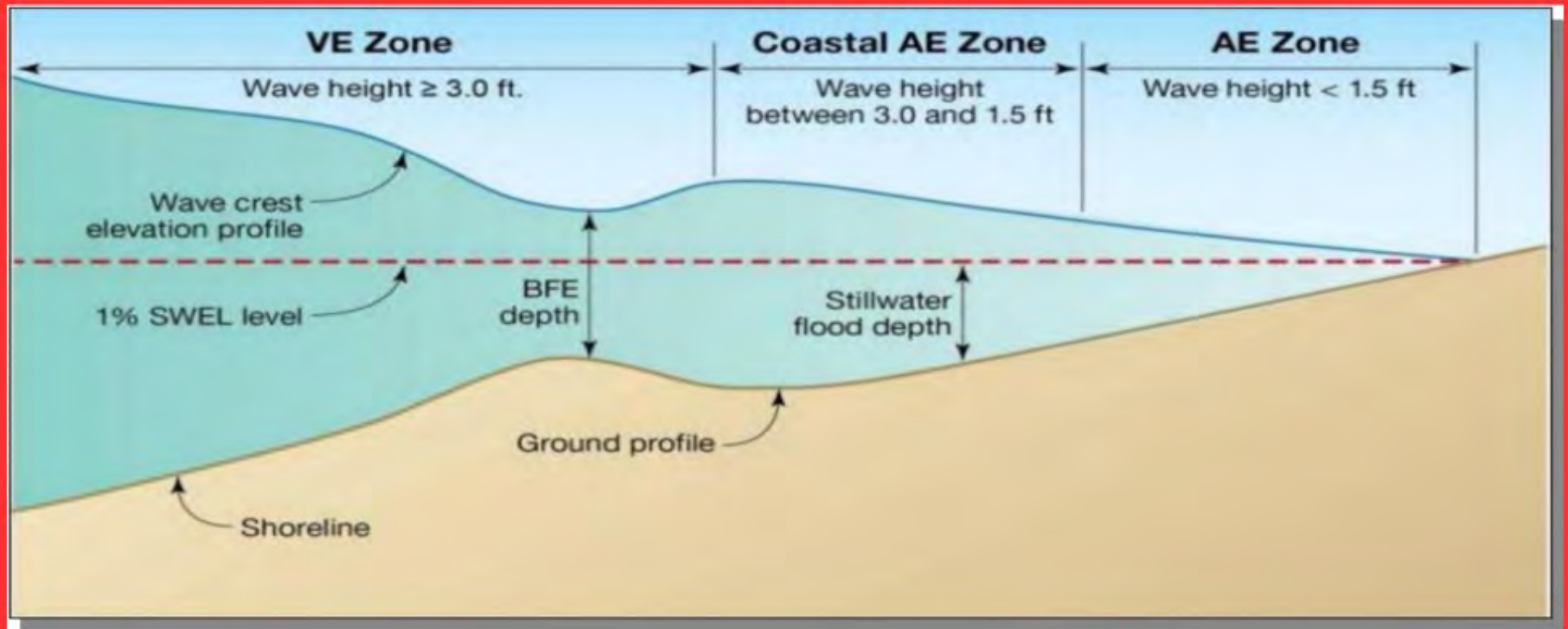




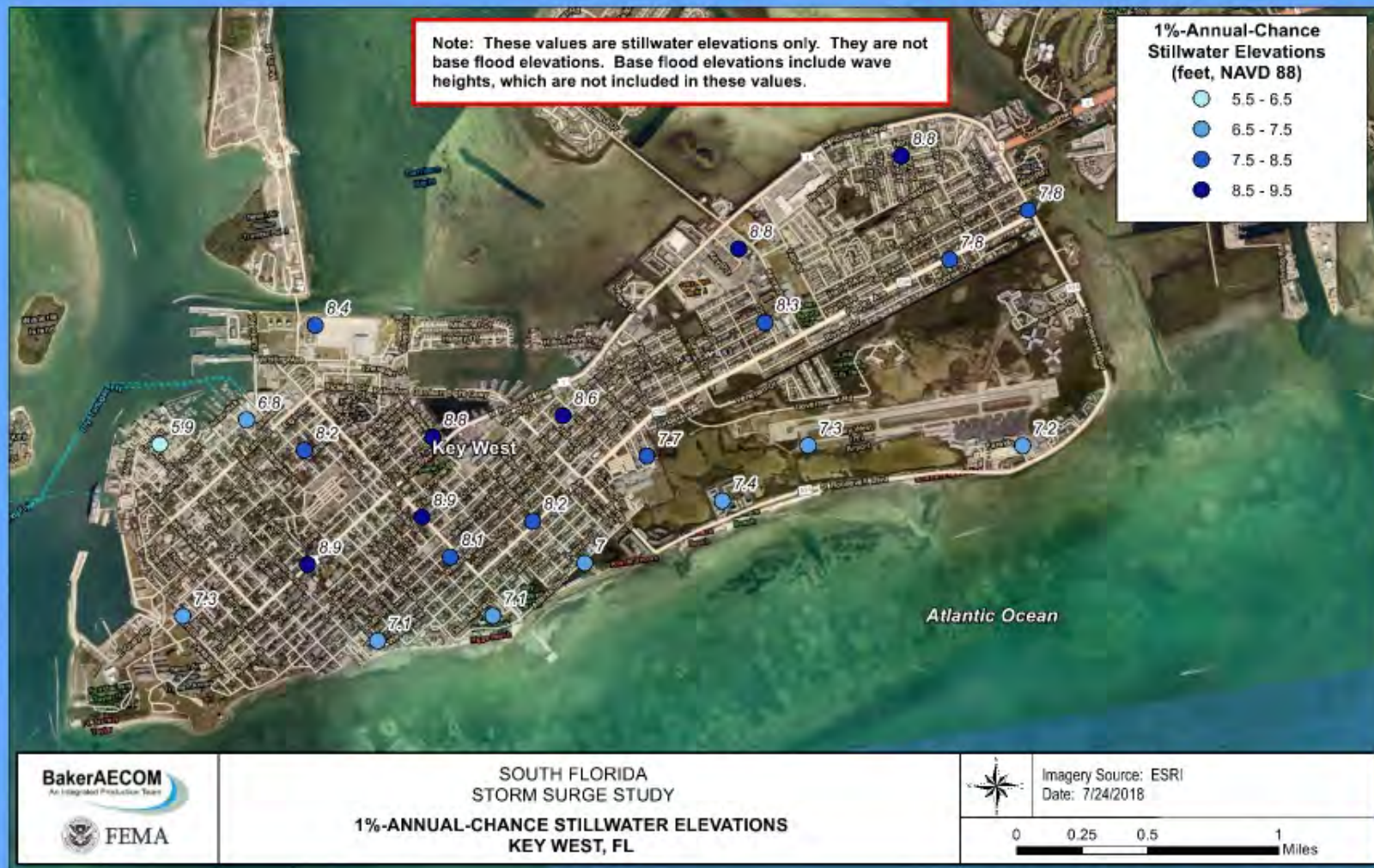
Early Flood Map Projections



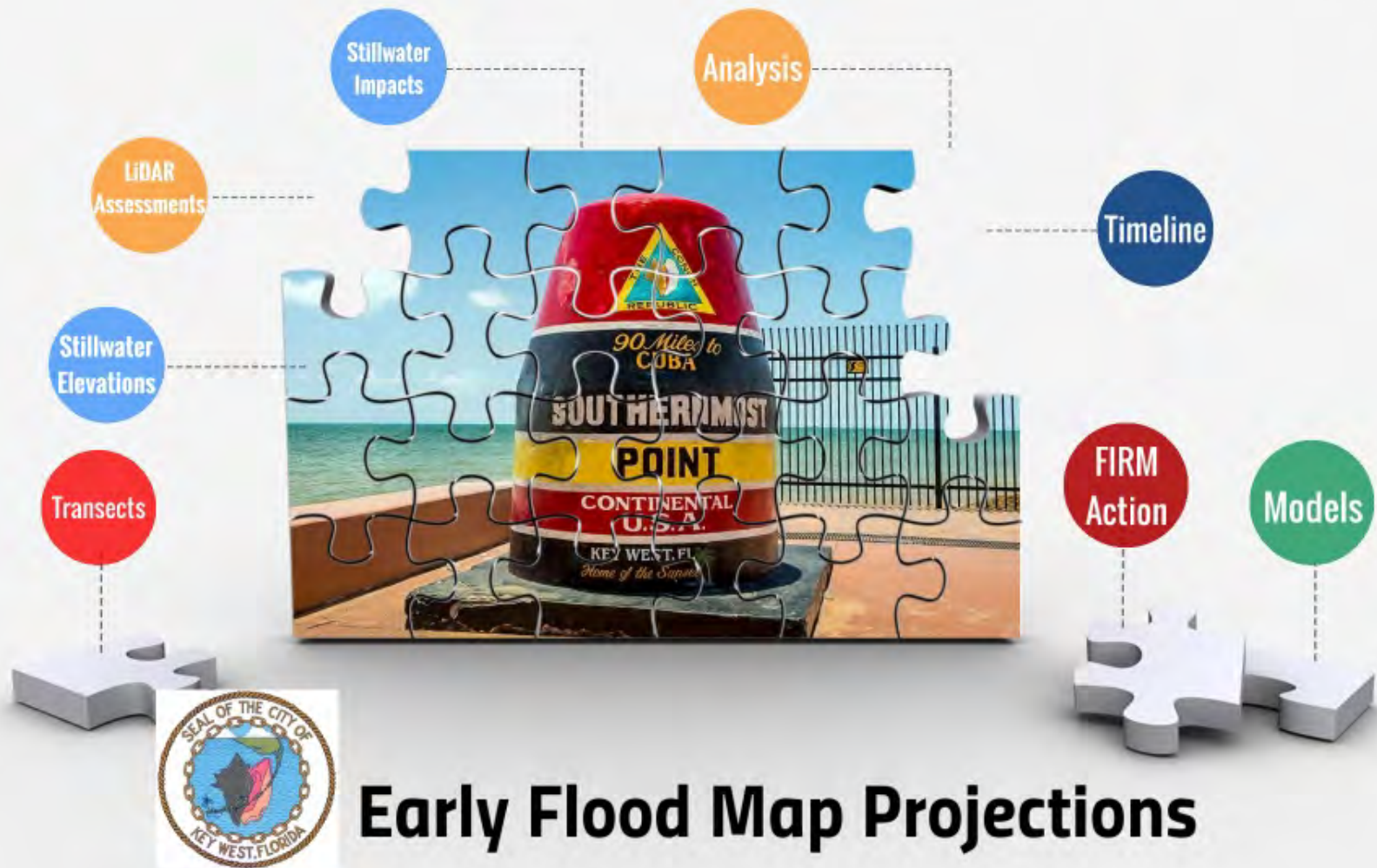












Early Flood Map Projections

Early Elevation Data

Stillwater Elevation Site Comparisons

Comparison of current vs. proposed flood levels.

ID	ModelID	SWE 2020 HAZID	SWE 2026 HAZID	Elevation	Current BFE	Flood Zone 2005	BFE Change -	Water over Grd	BFE - Elevation	SWE ngvd - B
15	908508	8.9	10.25	7.7	0 AE		10.3	2.3	0	2.3
18	907278	8.9	10.25	6.8	0 AE		10.3	3.6	0	3.6
9	1002573	8.8	10.15	8.1	6 AE		4.2	10.1	5.9	10.1
20	1053378	8.2	9.55	6.6	6 AE		3.5	3	0	3
16	908579	8.1	9.45	5.1	6 AE		4.5	4.3	-0.9	4.3
10	1062588	8.6	9.95	2.8	7 AE		3	7.2	-4.2	7.2
2	930177	7.3	8.65	5.5	6 AE		2.6	3.1	-0.5	3.1
16	1009217	8.5	9.85	9.8	7 AE		5.6	3	-1.4	3



Early Elevation

Stillwater El

Comp

ID	Model	SWE 2020 NA44D	SWE 2026 NGVD	Elevation
15	908508	8.9	10.25	7.7
18	907278	8.9	10.25	6.6
9	1862573	8.8	10.13	6.1
20	1853376	8.2	9.55	6.6
16	908579	8.1	9.45	5.1
10	1862586	8.6	9.05	2.8
2	930177	7.3	8.65	5.5
11	1862577	8.5	9.05	6.6



2000 Block Patterson Ave.

Mid-Town



2000 Block Patterson Ave.

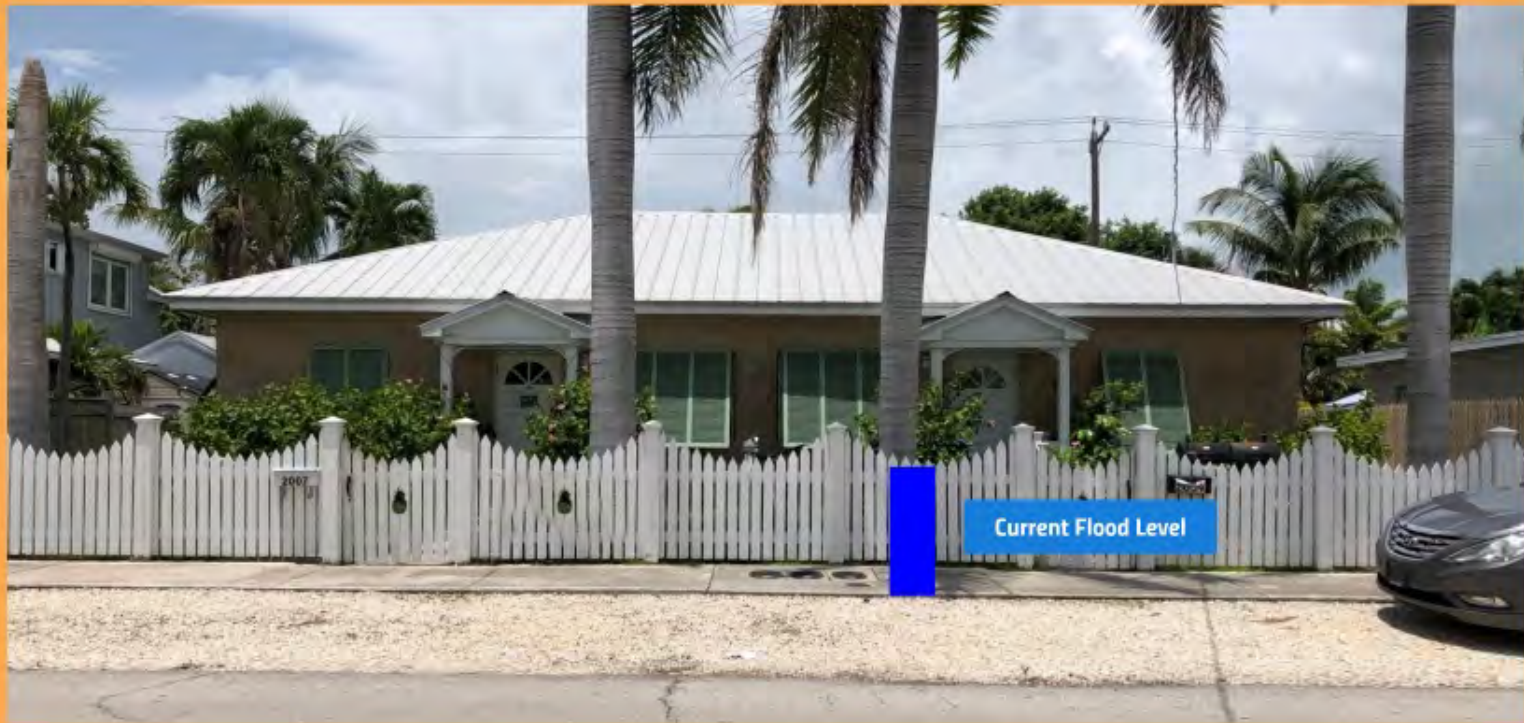
Mid-Town



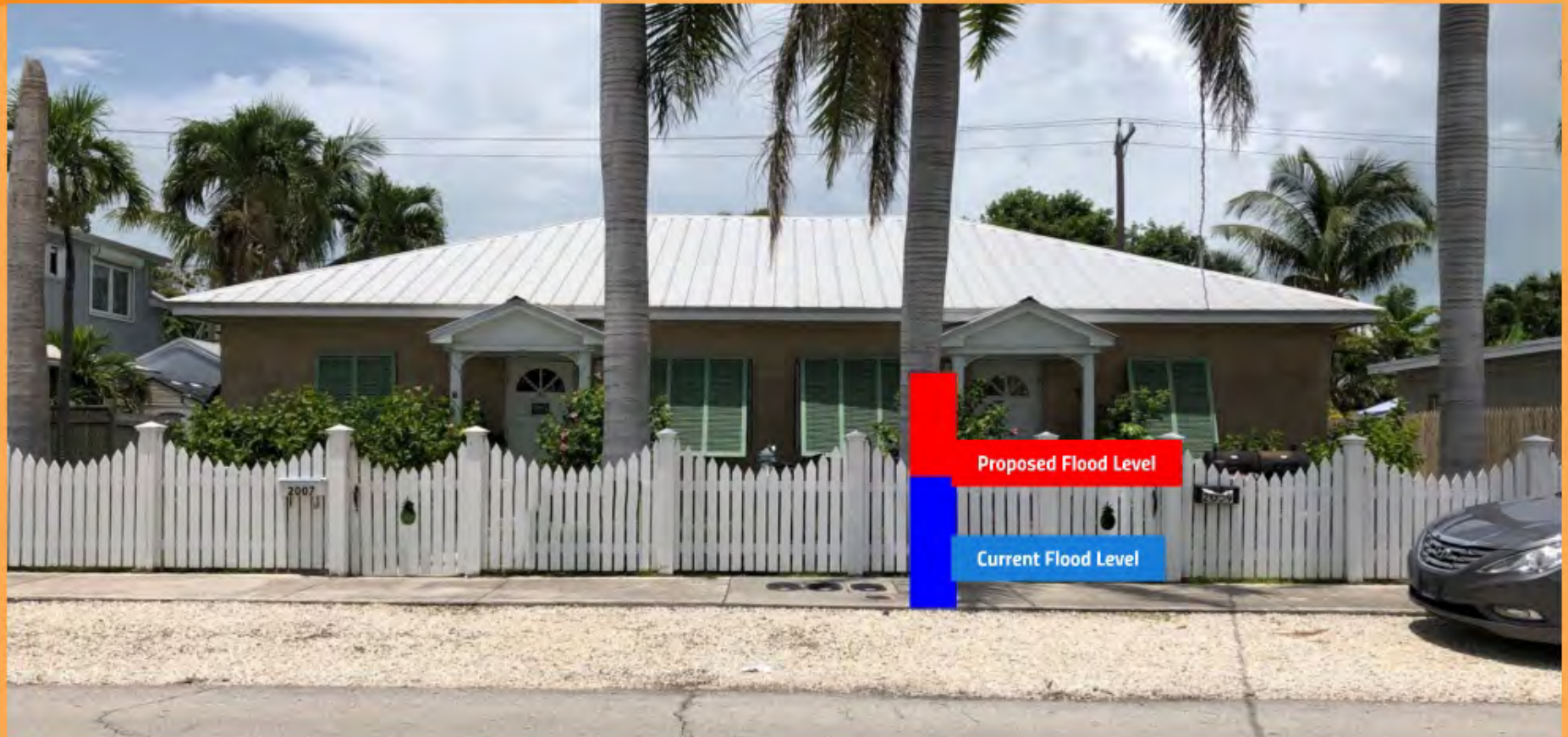
1900 Block Patterson Avenue



1900 Block Patterson Avenue



1900 Block Patterson Avenue



Geraldine & Fort Streets

Old-Town



1100 Block South Street



1100 Block South Street



1100 Block South Street



Lowe Ln.



600 block Truman Avenue



1100 block White Street



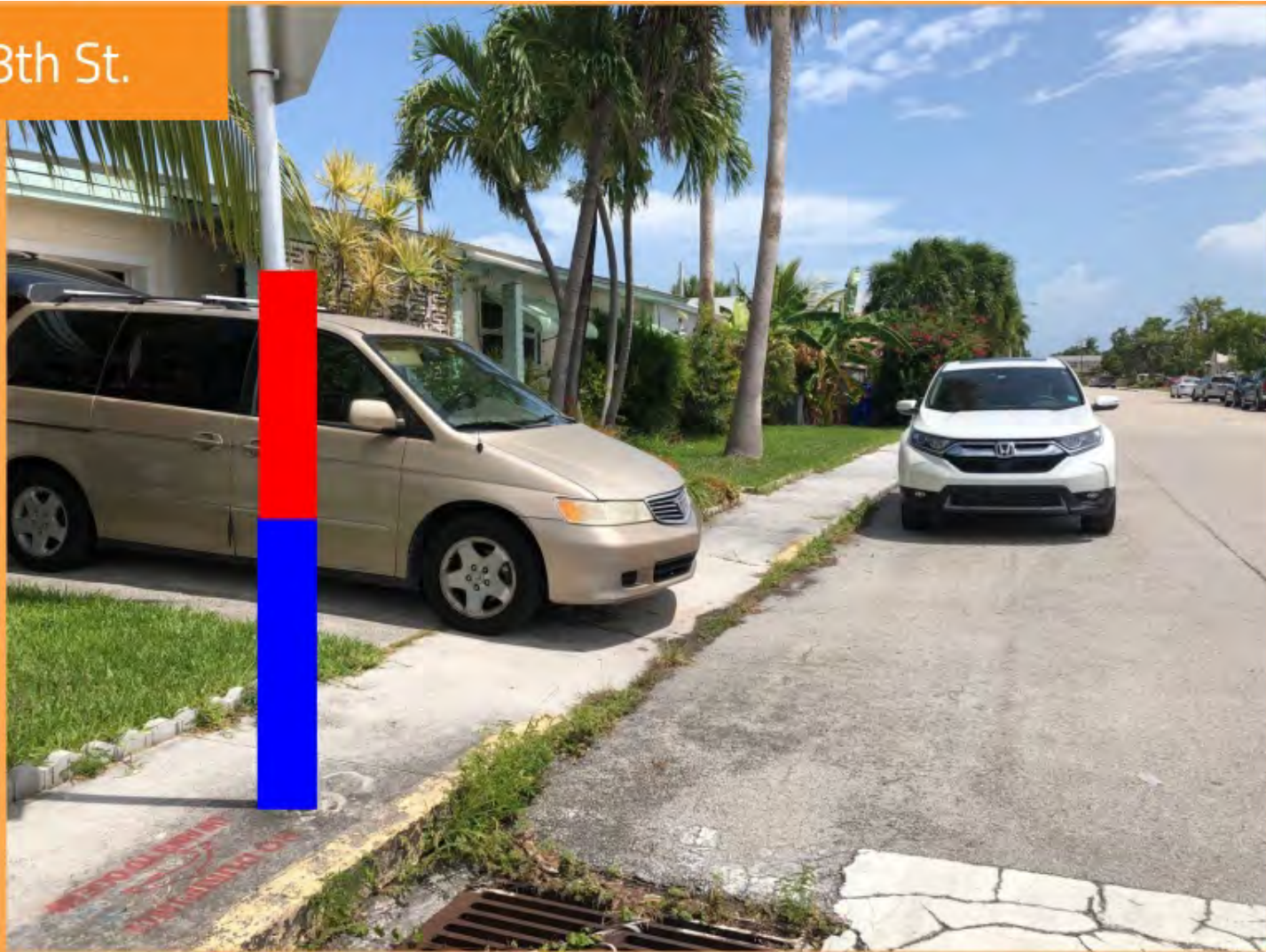
Outside flood zone now

Northside Dr. & 18th St.

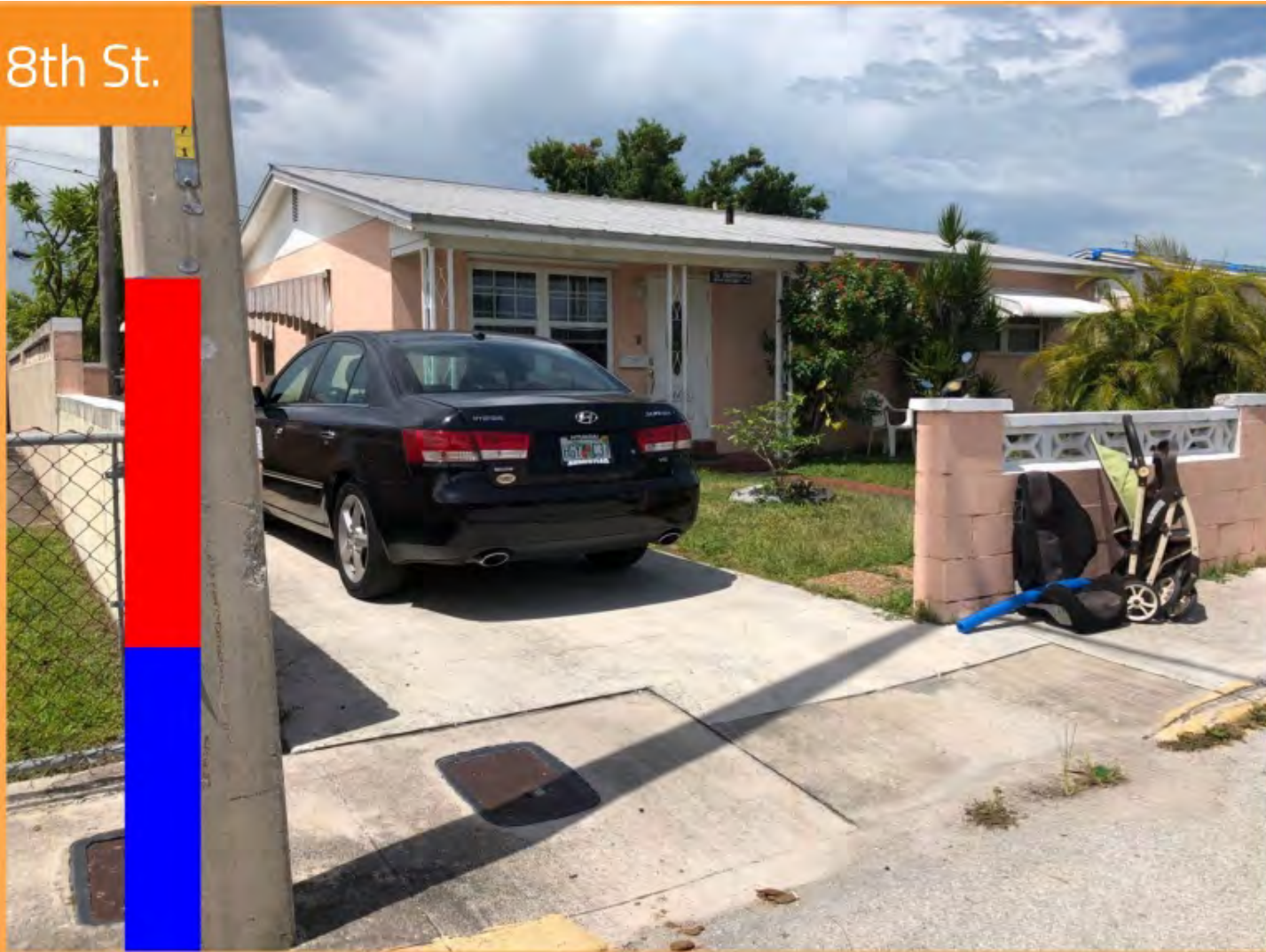
New-Town



Northside Dr. & 18th St.



Northside Dr. & 18th St.



X-Zone



Current

- Flood insurance not required
- Few construction requirements
- No 50% rule

X-Zone



Current

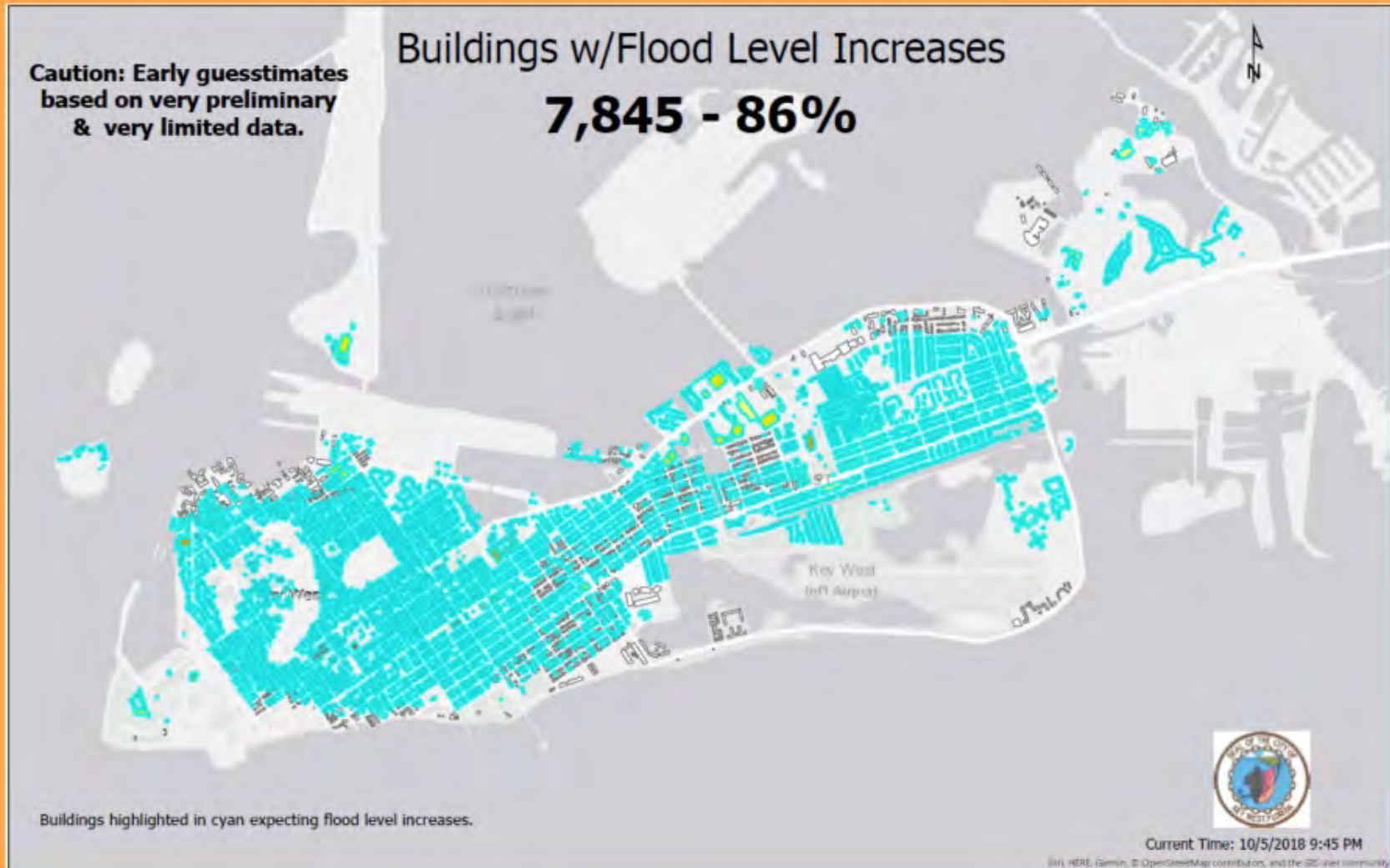


Proposed

Analysis

Caution: Early guesstimates
based on very preliminary
& very limited data.

Buildings w/Flood Level Increases
7,845 - 86%



Buildings highlighted in cyan expecting flood level increases.

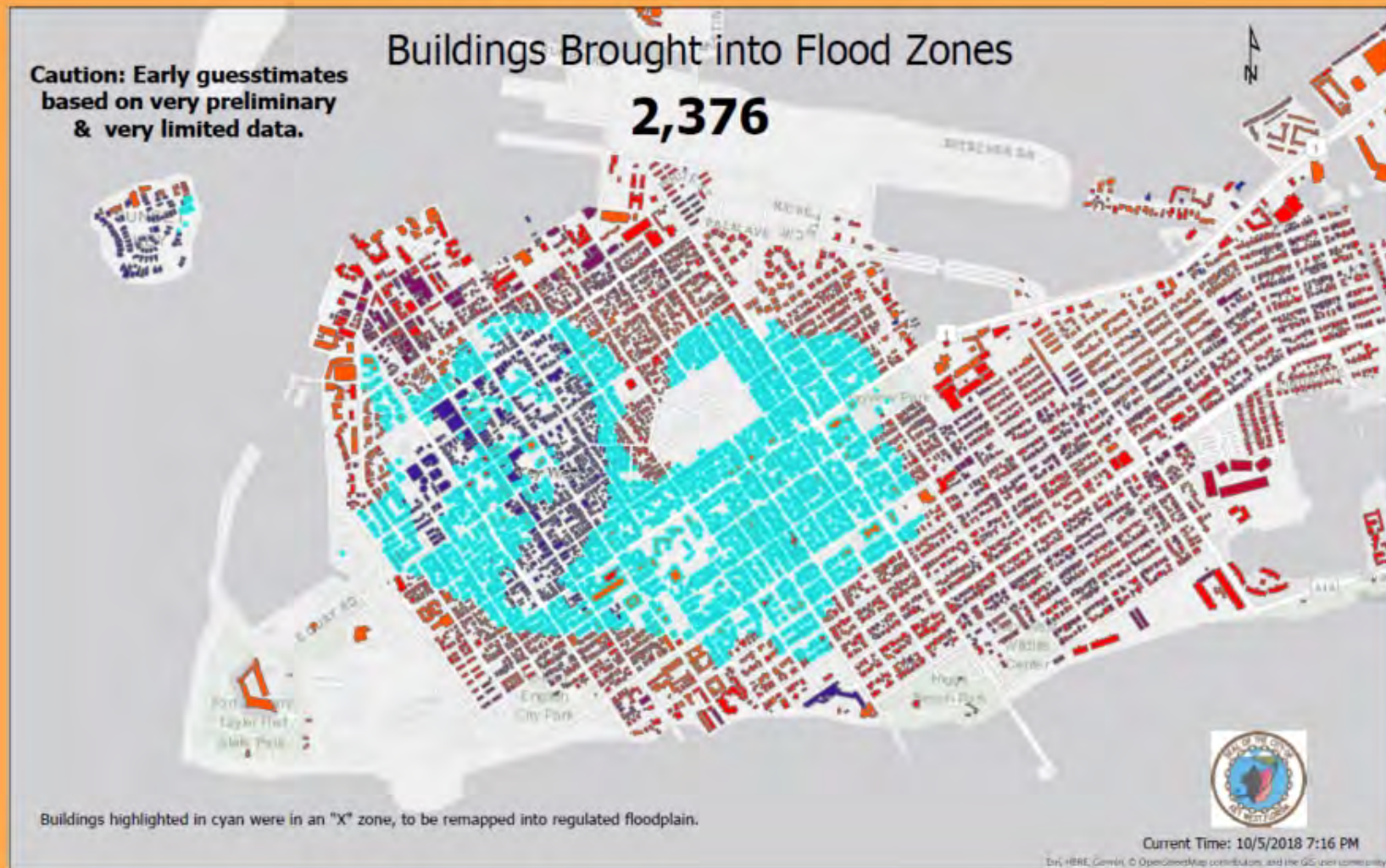
Current Time: 10/5/2018 9:45 PM

© 2018 HERE, Garmin, © OpenStreetMap contributors, and the GIS user community

Caution: Early guesstimates
based on very preliminary
& very limited data.

Buildings Brought into Flood Zones

2,376



Buildings highlighted in cyan were in an "X" zone, to be remapped into regulated floodplain.

Current Time: 10/5/2018 7:16 PM

Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community

Flood Map Revision Timeline (estimated)

- **Draft maps – 2nd Quarter 2019**
 - 30-day comment period
- **Preliminary maps – 3rd Quarter 2019**
 - 90-day appeal period
- **Resultant changes may prompt 2nd-review period**
- **Letter of Final Determination -2020**
 - City must adopt by 6-month effective date



Steps FIRM Has Taken



**TASK
FORCE**

Consultant



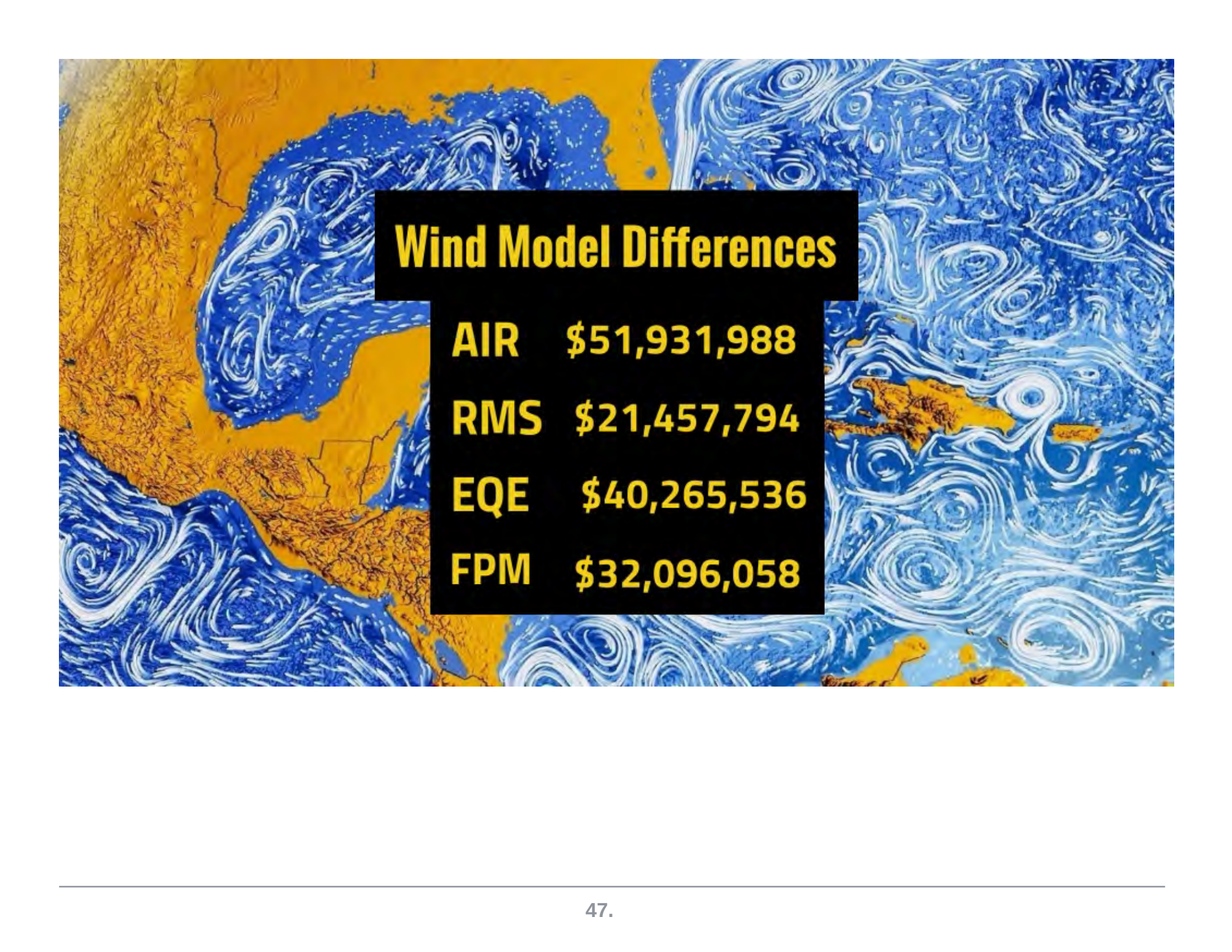
**TASK
FORCE**

Formed Task Forces

- **FIRM / County / Municipalities**
- **FIRM / Realtors**



**Contracted with Ransom
Consulting to Gather & Evaluate
FEMA Map Input Data & Modeling**



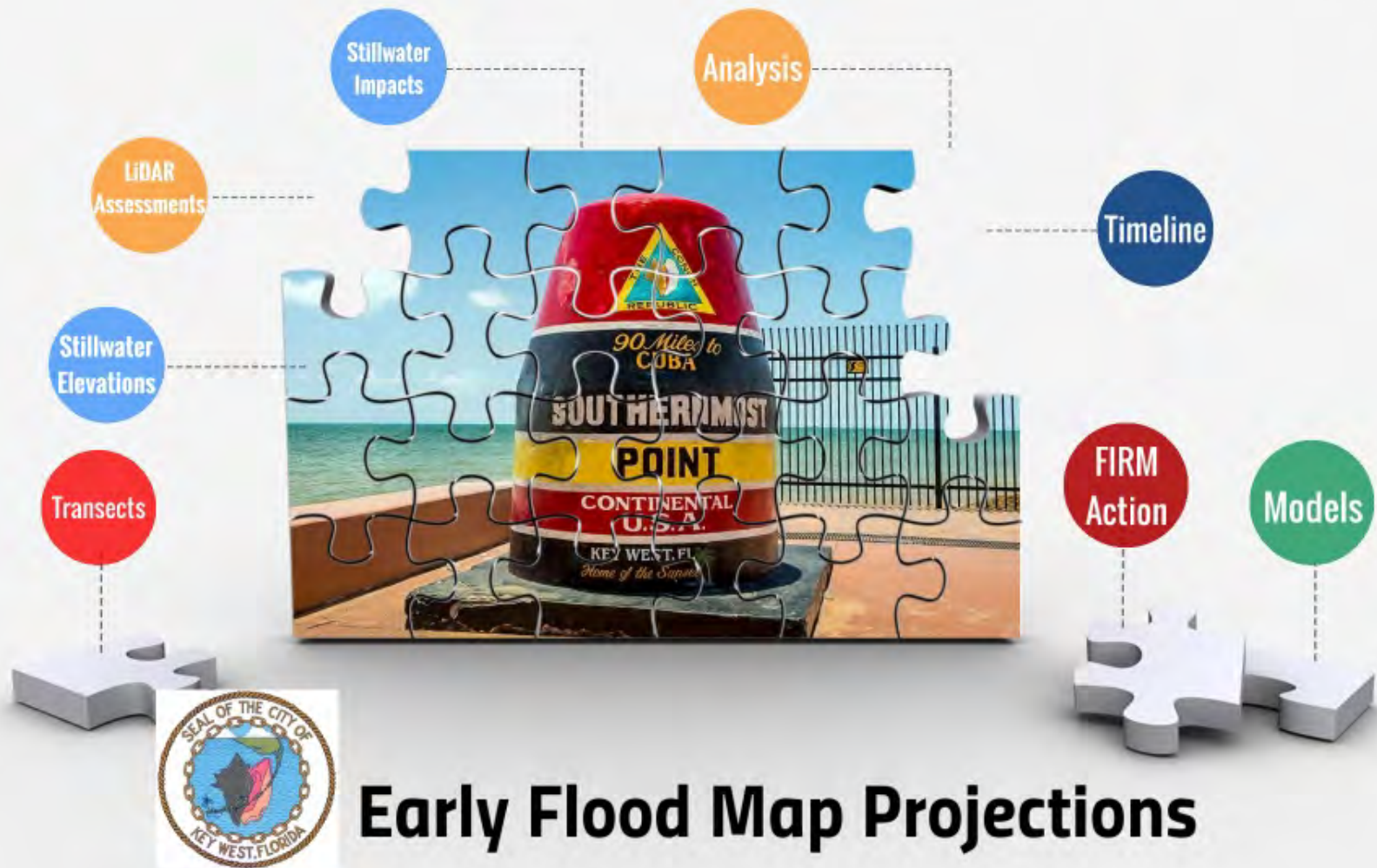
Wind Model Differences

AIR \$51,931,988

RMS \$21,457,794

EQE \$40,265,536

FPM \$32,096,058



Early Flood Map Projections