



## LAR-IAC2 Status Update

July 28, 2009  
Los Angeles, CA

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## Sanborn Project Status



- Orthoimagery
  - All Areas Accepted by Dewberry
  - Areas identified with unacceptable building lean identified by LA County
    - Sanborn corrected where possible using available imagery
    - Corrections reviewed by Dewberry, who provided comments indicating where lean still may be unacceptable
    - Sanborn is reviewing possibility of utilizing additional imagery acquired by Pictometry over downtown areas to correct lean
- DTM
  - Update areas delivered to Dewberry
  - Dewberry review received 7/28
    - Rejections - primarily void tiles

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## Sanborn Project Status

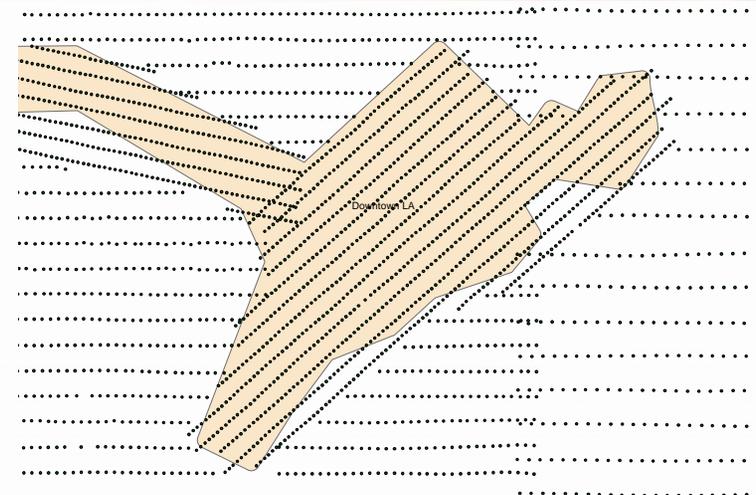


### Building lean issue

- In the 4" pixel resolution downtown areas with very tall buildings, Sanborn is not able to meet building lean specification of 1.6' per story *and* prevent building from leaning into transportation features using imagery and AT provided by Pictometry for the orthorectification.
- Pictometry has provided additional cross-flights to Sanborn for input to aid in correcting building lean.
- Sanborn has reviewed to determine if use of the additional imagery will correct the building lean issues.

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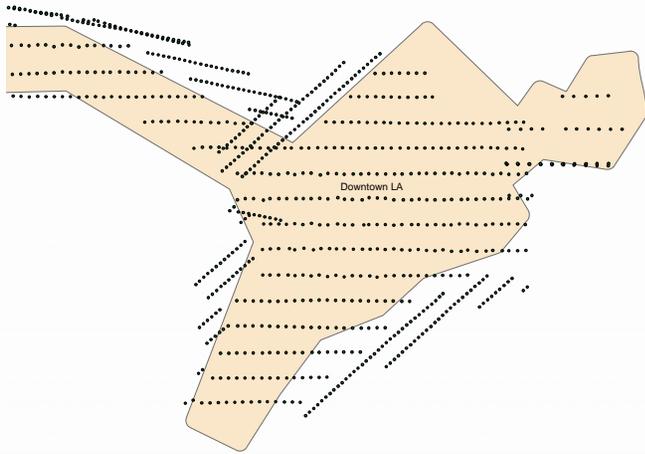
## Original Photocenters



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## Additional Photocenters

SANBORN



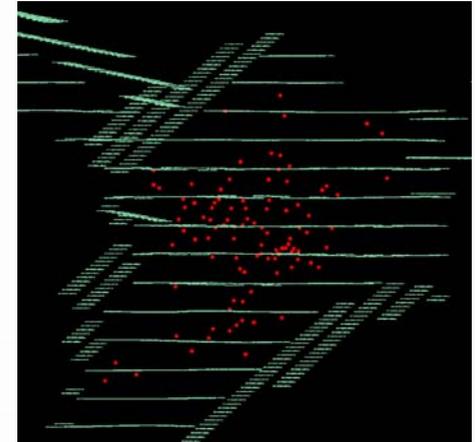
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## Additional Imagery

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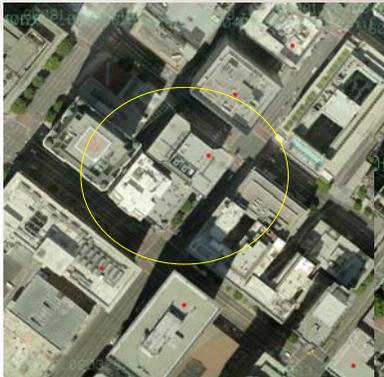
Additional imagery  
flown with less  
overlap than original

Most buildings  
identified with  
unacceptable lean  
are not near the  
nadir of the new  
image – result is  
significant lean



Red points are edit calls for buildings with unacceptable lean

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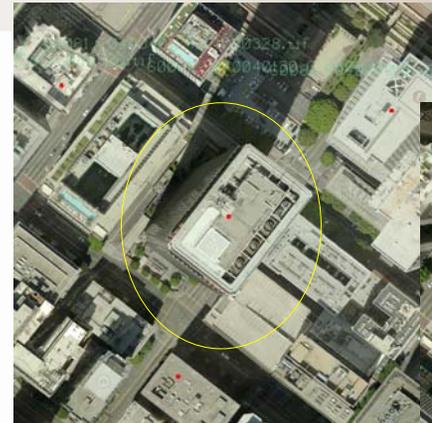


Original



Using Additional Imagery  
Out of street, but leans into other  
building

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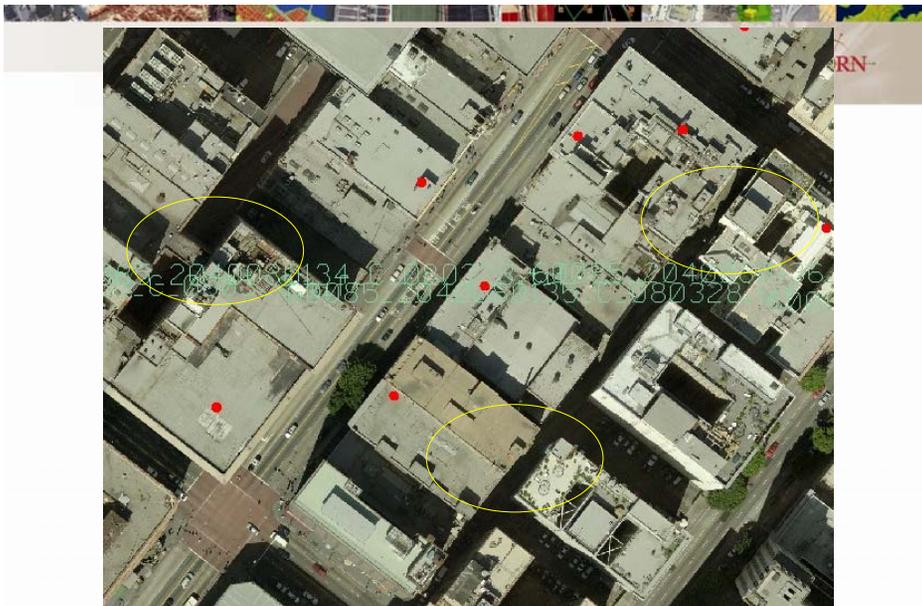


Original



Using Additional imagery - lean is much more  
pronounced, blooming effect not resolved

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Original

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Cannot correct individual buildings without impacting others – “domino” effect occurs

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## Sanborn Project Status

- Conclusion is that the additional imagery will not support adequate resolution of building lean issues.
- Next step: Sanborn to finalize building lean issue and options with Pictometry, then discuss with Dewberry and LA County.
- Sanborn, Pictometry and Dewberry continuing weekly status calls to identify actions and follow through on issue resolution.

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## Building Outline Project

- Photogrammetric compilation of building outlines and building heights using Pictometry stereoimagery and AT solutions
- City of Los Angeles scope includes integration of parcel landbase and non-photogrammetric data manipulation



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## Project Status – Building Outlines

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- Sanborn-Pictometry contract executed for photogrammetric compilation
- Project Kickoff 6/30
- 3 Pilot areas selected for LA County:
  - Universal City
  - West Rancho Dominguez – Victoria
  - Green Valley - National Forest
- 3 Pilot areas selected for City of Los Angeles:
  - San Fernando Valley with Residential and Commercial Land Use
  - Downtown Area with Mixed Commercial, Public and Residential Land Use
  - South East Area with Industrial, Commercial, and Transportation Land Use
- LA County awaiting final funding from City of LA

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## Project Status – Building Outlines

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- Pilot preparation and development initiating
- Overall timeline 6-8 months for building outline capture - detailed pilot and project delivery schedule in development
- Sanborn has established a secure online site to post status, documentation, and manage actions (SharePoint)
- Next steps:
  - Finalize schedule
  - Pilot delivery

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