

February 7, 2020

# THE REGIONAL PLANNING COMMISSION TOPOGRAPHIC MAPPING DATA UPDATES

Data Layers for Mapping: Regional Update on Imagery and Elevation (LiDAR)

## February 2020 Update:

- High resolution imagery procured for the region by RPC and the Port of New Orleans.
- All 8 RPC Parishes captured in 2018 at 1-foot pixel resolution (4-band).
- Urban areas captured in 2017 at 6-inch pixel resolution (4-band).
- Imagery available now for government agency, LA DOTD and RPC projects.
- High density LiDAR programmed for all 8 RPC parishes.
- LiDAR data availability proposed summer 2021
- USDA has provided 1-meter imagery compressed imagery for RPC parishes.

## La. R.S. 48:36 Topographic Mapping

DOTD shall develop and maintain a statewide digital geospatial database

DOTD shall act as authority for geographic names  
DOTD shall set standards for the mapping of topographic features

DOTD shall plan and manage data collection for incorporation into a statewide database

DOTD shall promulgate rules and regulations... as are necessary for the planning and managing of the geospatial data.

## RPC Coordinates and Partners with State & Federal Agencies in the Production of High Quality Geospatial Datasets

**RPC HAS MAINTAINED AN ACTIVE SEAT ON THE LA GIS COUNCIL SINCE 2004** (<https://www.lgisc.org/>)

**Q: Does the GIS Council procure data?**

A: No, the GIS Council in Louisiana communicates, hosts discussions and information exchanges, as well as assists public agencies in the finding and sharing of appropriate geospatial data while avoiding redundancy in data collection.

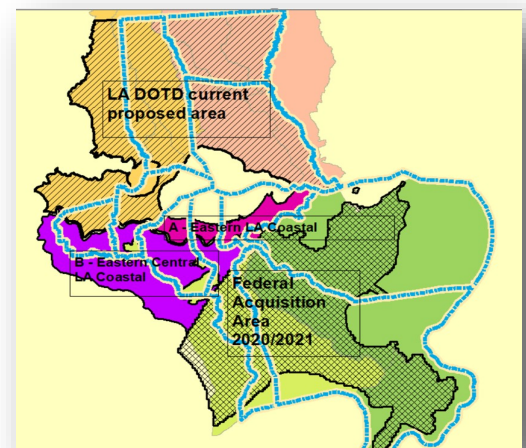
**Q: What can RPC provide to local governments GIS departments ?**

A: RPC has partnered with state & federal agencies in providing a Spatial Data Framework Infrastructure (LSDI) to aid local governments in the task of organizing, sharing and identifying gaps in their geospatial data.

For large costly datasets such as imagery and LiDAR, RPC either procures or partners with agencies for updated quality data that is then distributed to local government agencies.

*Proposed LiDAR coverage at QL 1 (8 points/m<sup>2</sup>) proposed for capture beginning late summer 2020 (see map below).*

Contact Lynn Dupont for further information  
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*The Regional Planning Commission for Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. John the Baptist, St. Tammany and Tangipahoa Parishes*