

Statewide Orthoimagery Program

Coastal 2020

Ben Shelton
Program Manager

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CO20 Project Area

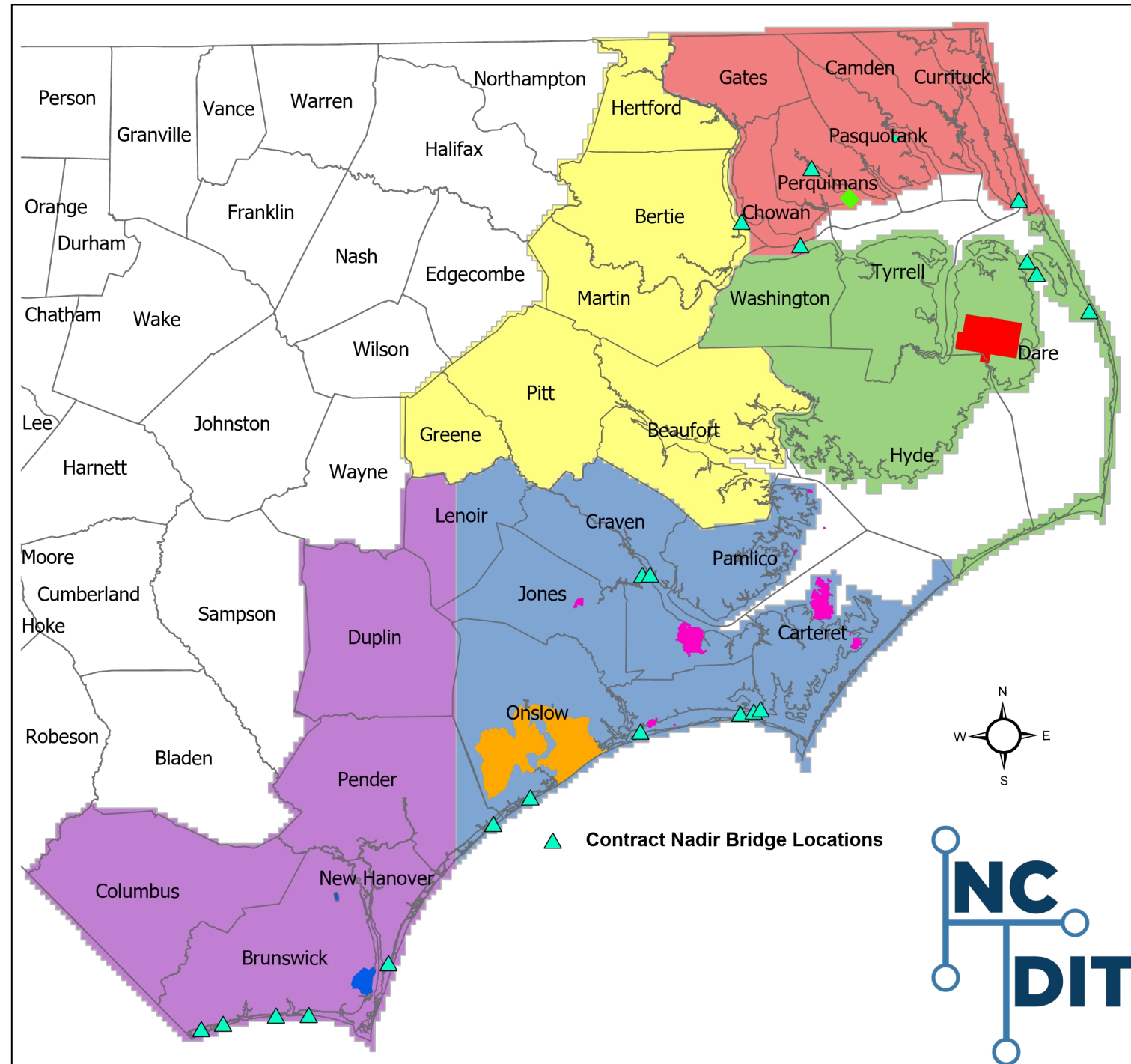
- 27 counties
- 15,678 square miles
- 17,483 tiles (5,000' by 5,000')
- Nadir Orthoimagery AOI:
 - Wilmington
 - Greenville
 - 18 major bridges

- Coordination with Military Operations:
Military Boundaries

- Harvey Point
- US Coast Guard Base Elizabeth City
- USAF Dare Bombing Range
- USMCB Camp Lejeune
- USMCAS Cherry Point
- US Army Military Ocean Terminal Sunny Point

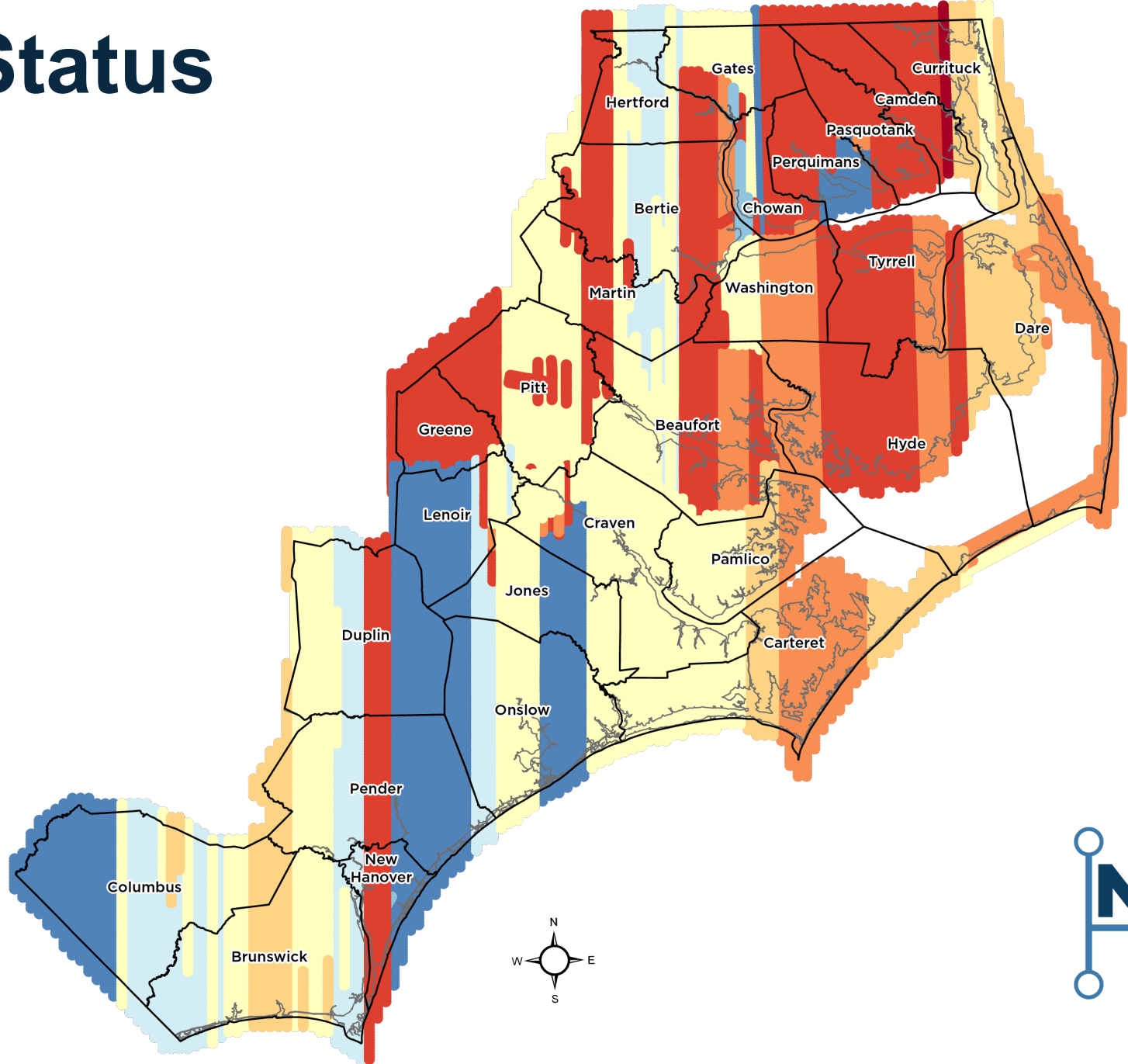
Study Area

- SA1 - Quantum Spatial
- SA2 - Surdex Corporation
- SA3 - Sanborn Map Company
- SA4 - Atlas Geographic Data
- SA5 - Spatial Data Consultants



2020 Project Status

Jan. 26 Feb. 17 Mar. 9



CO20 Project Timeline



CO20 End User QC - VOICE

The screenshot displays the Quantum InSite web application interface. The main area is an aerial satellite map with a blue grid overlay. The interface includes several panels and toolbars:

- Search Panel (Top Left):** Contains a search bar with the text "ArcGIS World Geocoding Ser". Below it are tabs for "Search", "Query", and "Result". A search results list shows:
 - Search Layer: 2020 Tiles
 - Review Complete: Not Reviewed
 - Organization: NCDOT
 - County: Onslow
 - Image Name: 20437603Buttons for "Search", "Spatial Search", "Clear", and "Reset" are present.
- Review Widget (Middle Left):** Shows "Image Number: 20438703" and "Review Action on the Tile: Not Reviewed / Not Complete". It has "Complete" and "Reset" buttons.
- Create a QC Call (Middle Left):** A section titled "Create a QC Call:" with the instruction "Select a call type and draw a rectangle around the area of concern". It lists three call types with corresponding colored boxes:
 - Seamline Anomaly (purple)
 - Elevation Anomaly (orange)
 - Image Anomaly (green)
- Layer Visibility (Bottom Left):** A horizontal slider bar with markers at 0%, 25%, 50%, 75%, and 100%.
- Map Interface (Center):** Features a search bar at the top with "ArcGIS World Geocoding Ser", navigation controls on the left, and a scale bar at the bottom left showing "Scale 1: 4,514". The bottom center displays coordinates: "LON: -77.388, LAT: 34.757 (DECIMAL_DEGREES)".
- Top Right:** A user greeting "Welcome Ben Shelton" with a dropdown arrow.



CO20 End User QC Timeline

2020 Orthoimagery Delivery and Review Schedule							
		REVIEW		Screening and Delivery Lifecycle			
County	SA	County Review Start	County Review End	CGIA Screening Complete	Contractors Responses Due in VOICE	Results of State Fix Review End	Delivery to CGIA
Chowan	1	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Perquimans	1	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Bertie	2	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Hertford	2	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Tyrrell	3	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Washington	3	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Jones	4	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Lenoir	4	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Duplin	5	6-Jul	31-Jul	3-Aug	7-Aug	27-Aug	3-Sep
Gates	1	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
Pasquotank	1	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
Martin	2	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
Beaufort	2	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
Hyde	3	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
Craven	4	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
Onslow	4	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
Pender	5	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
New Hanover	5	20-Jul	14-Aug	17-Aug	21-Aug	10-Sep	17-Sep
Camden	1	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct
Currituck	1	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct
Greene	2	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct
Pitt	2	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct
Dare	3	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct
Carteret	4	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct
Pamlico	4	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct
Columbus	5	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct
Brunswick	5	3-Aug	28-Aug	31-Aug	4-Sep	24-Sep	1-Oct



Orthoimagery Deliverables – 2020 and beyond

- **Mid-November Delivery Timeline to County PSAP and GIS**
- Full Resolution TIFF Tiles (5000' by 5000') –
 - 400mb per tile
 - **4-Band (RGBIR)**
- 20:1 Compressed MrSID Tiles (5000' by 5000') –
 - Generation 4 MrSID
 - **4-Band RGBIR**
- 50:1 Compressed MrSID Mosaic Single File (County 7-mile Rectangle)
 - **3-Band RGB**
 - **3-Band False-color IR**
- NC OneMap Image Services
 - Single year service – **4-Band RGBIR**
 - Orthoimagery_latest – TBD
 - Orthoimagery_all – TBD



Questions?

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<https://www.nconemap.gov/pages/imagery>

