

DRAPP 2014



DENVER REGIONAL COUNCIL OF GOVERNMENTS

We make life better!

Agenda

- ◆ **Recap of the Vendor Selection Process and Announcement of Winners**
- ◆ **Finalizing the Contract Specifications - Roundtable Discussion**
- ◆ **Update on the FEMA/USGS LiDAR Project**
- ◆ **Project Costs and Letters of Intent**
- ◆ **DRAPP Schedule**
- ◆ **Questions and Discussion**
- ◆ **Presentation on LiDAR Analysis in Nederland**
- ◆ **Editing 3in Extent – Work Session**

Vendor Selection

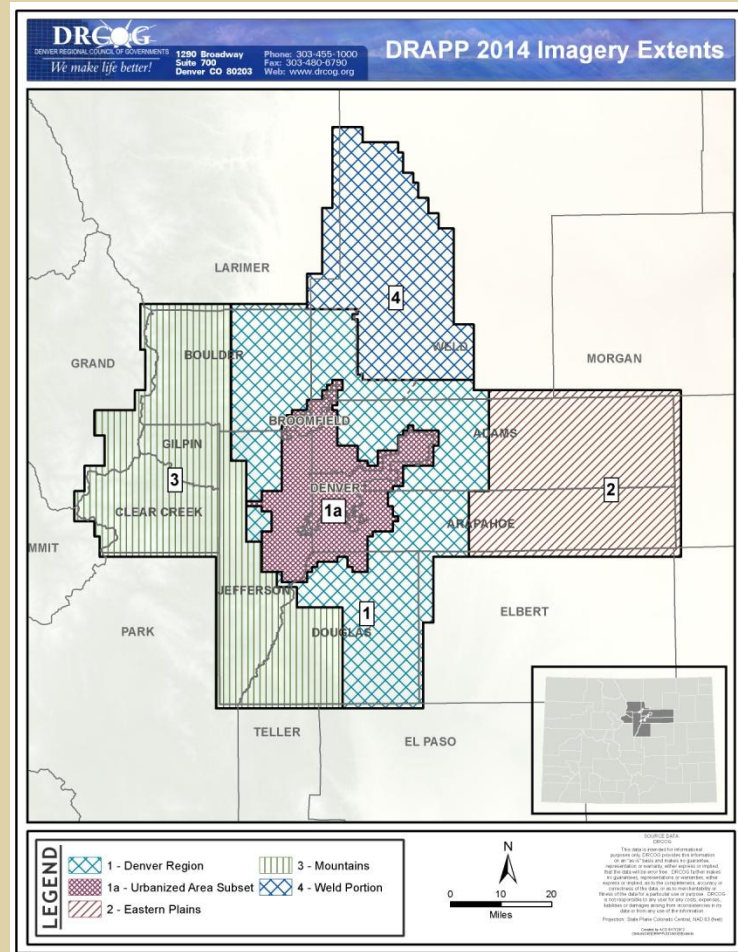
- ◆ 6 bids for Imagery
 - ◆ 4 bids for LiDAR <- not pursued due to feds
 - ◆ 4 bids for DAT
 - ◆ 2 bids for WMS
-
- ◆ 11 partners submitted score sheets and participated in vendor interviews
-
- ◆ Kucera International and IntraSearch won by a landslide.
-
- ◆ Vendors were Board Approved on 11/20.

Contract Specifications

◆ What are we getting?

- ◆ 3in, 6in, 1ft imagery
- ◆ DAT – same as usual
- ◆ WMS for all DRAPPs

- ◆ Area 1 – 1955sqmi
- ◆ Area 1a – 700sqmi
- ◆ Area 2 – 1300sqmi
- ◆ Area 3 – 1870sqmi
- ◆ Area 4 – 1100sqmi



Questions on Specs

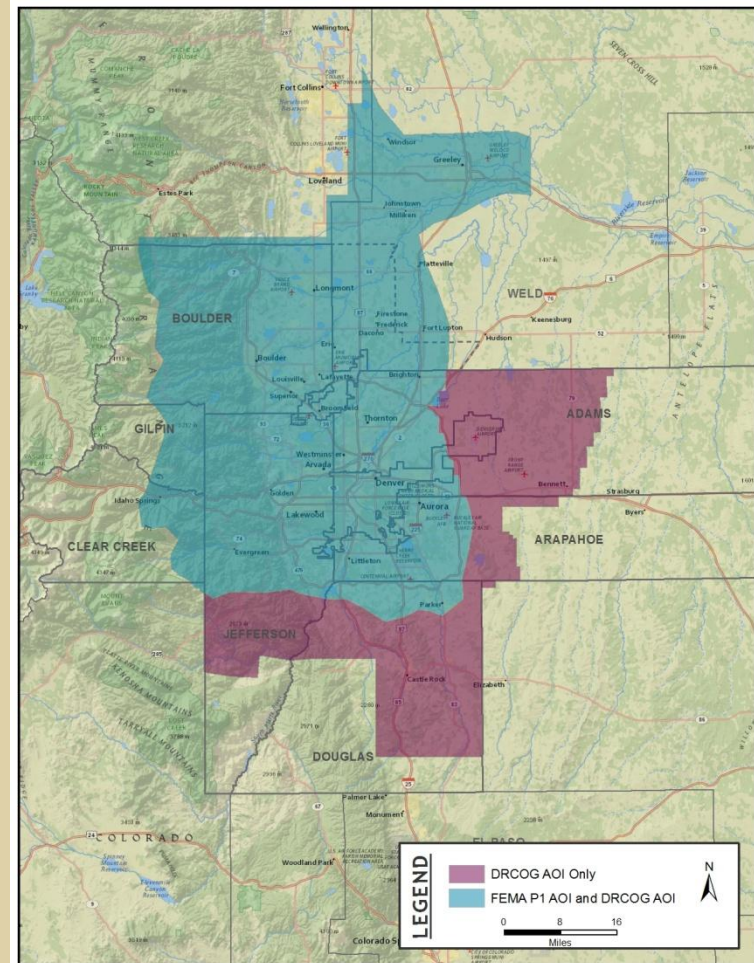
- ◆ Options for flying 3in resolution – see Kucera's info
- ◆ Extents – do we need the full 700 square miles of 3in? Need to adjust this line?
- ◆ Datum Adjustment – HARN, 2007, or 2011?
- ◆ Notes on the SID tiles - will be degraded in some areas because each SID tile can only be one resolution – lowest common denominator

LiDAR Project w/Feds

- ◆ In October, FEMA/USGS initiated a project to collect LiDAR in our region in response to the recent flooding.
- ◆ Their extent overlapped with our area of interest, so we asked them to add on some area to their project to completely cover our AOI.
- ◆ They added 1,020 square miles for us for a total cost of \$385,000. The entire project is costing \$2.1million, primarily funded by FEMA. DRCOG contributed \$100,000 on behalf of DRAPP partners.
- ◆ For our contribution, we will be receiving deliverables covering 3,600 square miles. Those deliverables include a classified point cloud, a DEM (2.5' pixel), and 1ft contours.

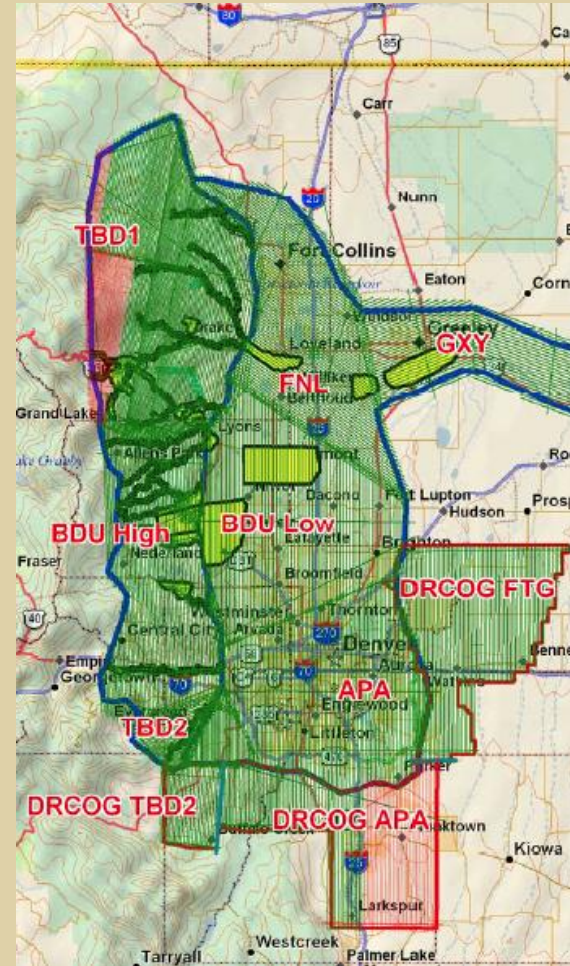
LiDAR Project w/Feds

- ◆ 14 partners (in addition to DRCOG) contributed funds to make this project happen
- ◆ DRCOG will provide you with the data for a nominal fee (between \$1,000 & \$4,000). This fee covers administrative costs and helps to offset the large amount of funding paid by our 14 trailblazers.
- ◆ The data is public domain, so if you prefer to acquire it for free from USGS, you may do so.



LiDAR Status Map

- ◆ Participation requires a Letter of Intent (separate from imagery LOI)
- ◆ Delivery will be in late spring/early summer
- ◆ Collection is almost done – 84% as of 11/18



Project Costs

- ◆ **Total project cost = \$1.3 million**
 - ◆ Imagery
 - ◆ LiDAR
 - ◆ DAT
 - ◆ WMS
- ◆ **Need official funding commitments ASAP!**
 - ◆ You'll be contacted with your share of the cost by Thanksgiving.
 - ◆ Please sign and return a LOI.
 - ◆ Note that your LOI will not include any "Subsequent Partnership" costs that you intend to pursue.

Schedule

◆ Contract Execution	Feb 1, 2014
◆ Ground Control	Jan- Mar 2014
◆ Spring Flights	Mar-Apr 2014
◆ Interim in WMS	Apr 2014
◆ LiDAR Delivery	May 2014
◆ Summer Flights	Jun 2014
◆ Data Processing	Oct-Nov 2014
◆ Deliveries	Dec –Jan 2015
◆ Wrap up activities	Mar 2015

Things I Need From You


- ◆ Signed Letters of Intent
- ◆ Areas of Concern (shapefile)
- ◆ Examples of Color Balance/Tone you like (tiles)

Questions?

Working with LiDAR

- ◆ Do you want me to pursue a technical session led by Merrick or Blue Marble Geographics to teach us about working with LiDAR data?

Editing 3in Extent



For more information, contact Ashley Summers at
asummers@drcog.org or 303-480-6746.



DENVER REGIONAL COUNCIL OF GOVERNMENTS

We make life better!