DAWSON COUNTY
FULL DEPTH
RECLAMATION CASE
STUDY
DEMOGRAPHICS

- 214 Square Miles
- ~24,000 Total Population
- Amicalola Falls State Park
- Lake Lanier
- North Georgia Premium Outlets
- Len Foote Hike Inn
- Appalachian Approach Trail
- Dawson Forest WMA
PUBLIC WORKS OVERVIEW

- 282.5 miles of roads
  - 77 gravel roads
- 9 miles of storm water culverts
- 21 bridge structures
- 500-600 TN(s) of solid waste transferred annually
- 30 TN(s) of recyclables collected annually
- Manage Geographic Information Systems (GIS)
- 19 staff members
Funding Sources
LMIG
General Fund
SPLOST

Long-term Maintenance
Maintain potholes
Resurface
Major base failure

“The key issue we face is that there are 10 of us, but only 9 biscuits....”

“What if we don’t change at all ... and something magical just happens?”
DAWSON FOREST ROAD

- 6 Miles
- 6000 AADT
- Two Lane 55MPH
- COPACES CC Rating ~35
- ~60% Base Failure
- 2-4” of Asphalt
- 1-2” Round River Rock
Determining the Scope
- Pricing received for two options
  - Deep patch and pave
  - FDR with cement

Bid According to Internal Policy

Blount Construction Awarded Bid
- FDR entire road
- Extent of base failure
- Long-term maintenance
- Warranty
Maintained Traffic During the Entire Project

Scope

- 10” FDR 55lbs Portland Cement per SY
- 2” 19 MM Binder
- 1.5” 12.5MM Topping
PHASE 2 FDR WORK

- Kelly Bridge Road
- Thompson Road
- Steve Tate Highway
- Tanner Road

- ~14 miles of FDR
- All very similar road conditions
- Scored 30-50 COPACES CC rating
- Contract awarded to C.W. Matthews
PROS AND CONS

- It’s a Process
  - Dirty
  - General Public Education

- Timing Start to Finish

- Warranty

- Final Product
QUESTIONS?

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