



NORTH CAROLINA

Department of Transportation



Locally Administered Projects / Project Screening

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Project Delivery

- Major Emphasis with NCDOT
- Locally Administered Projects are in the STIP, Must Have a Schedule!
- When Milestones are Missed, **EVERYONE** Looks Bad
- Be **Realistic** When Setting Schedules
- Expect the Unexpected

Major Show Stoppers

- Funding
 - Unrealistic Estimates
 - Scope Creep or Scope Reduction
 - Inaccurate Quantities (or no quantities)
 - No Estimate for R/W
 - No Estimate for Utility Relocation
 - Environmental Issues

Estimates

- Don't Use Prices From Last Project on One Planned For Construction 3 Years From Now
- NCDOT Publishes Average Bid Prices
- Re-Advertising Issues
- Negotiating With Bidders
- Adjusting Engineer's Estimate

Right of Way

- Must be Certified
- Must Follow The Uniform Act
- Condemnation
- Multiple Owners (Heirs, etc.)
- Title Issues
- The “Sponge is Full”
- It’s Going to Take Longer Than You Think



Utilities

- Power Company Will NOT Begin Engineering Until Plans are Complete, At Least Hydro
- Will Require Permanent Utility Easements (PUE's) Even for Guys
- We are Not Their Favorite Customers
- Rule of Thumb:
 - 3 Phase Pole= \$20k/each
 - Transmission Tower (Mono Pole) = \$150k +
 - Transmission Tower (A Frame) = \$500k +
- It's Going to Take Longer Than You Think



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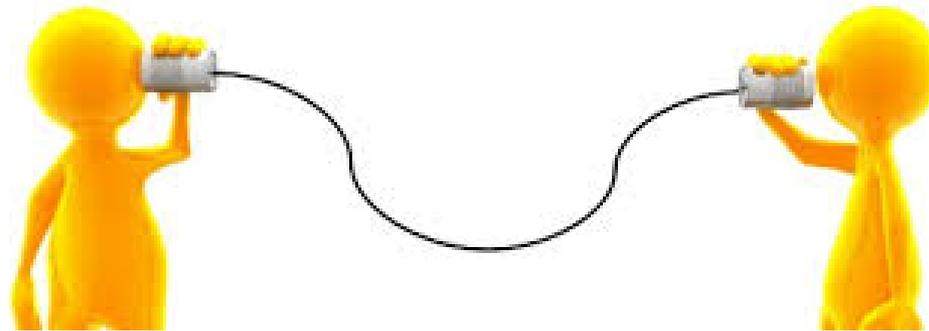
Utilities (Continued)

- What's Underground???
- Communication, Gas, Water, Sewer,
- Shared Use on Poles?
- Most Underground By Encroachment
- Even Impacted by Simple Signal Projects
- Spend your SUE \$'s wisely

PE & Construction Admin

- Funds For Each Phase Must Be Authorized **Prior** to Any Work Being Performed or Advertised For.
- PE Will Most Likely Exceed 15% of Construction Cost
- R/W Cost May Be Out of Your Control
- Contract Administration Will Exceed 20% of Construction Cost.

Communicate





Questions

Project Screening