NORTH TEXAS MUNICIPAL WATER DISTRICT

Regional Service Through Unity… Meeting our Region's Needs Today and Tomorrow



BOIS d'ARC LAKE UPDATE

Fannin County Commissioners Court Briefing

September 3, 2019

Steve Long, P.E.

Reservoir Project Manager



BOIS d'ARC LAKE UPDATE

AGENDA

- Current Activities for CMAR 5 – Raw Water & Treated Water Pipelines
- CMAR 5 Construction Pictures
- Elected Officials Tour Pictures



BOIS d'ARC LAKE UPDATE

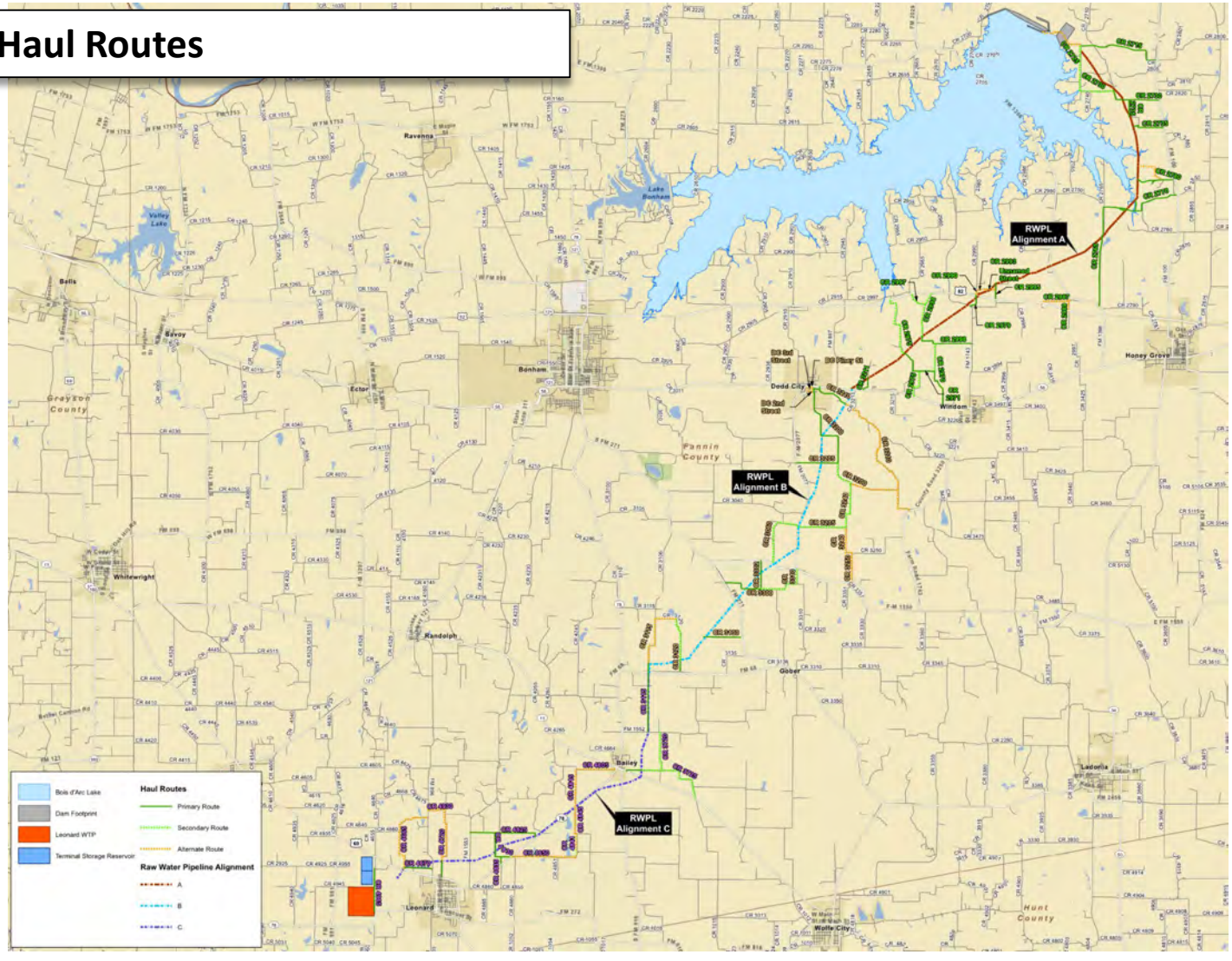
CMAR 5 – Raw Water Pipeline (35 miles)

- ROW Preparation, Stormwater Pollution Prevention, and Tunneling construction continues ahead of all installation contractors
- Pipeline delivery continues for all three sections
- Pipe laying operations have commenced on Section C
- Approximate installation quantity summary;
  - Clearing 80% complete
  - Tunneling 65% complete
  - Topsoil stripping 40% complete
  - 90-inch pipe stringing 12% complete
  - 90-inch pipe installation 1% complete (1,500 feet)
- Agreement with Fannin County for road impacts
  - Maintenance of roadways during construction/authorized in August
  - Future agreement for permanent restoration



BOIS d'ARC LAKE UPDATE

RWPL Haul Routes





90 INCH RAW WATER PIPELINE HAUL ROUTES SECTION B

Haul Routes For Section A

CR 3210

CR 3200

CR 3205

CR 3302

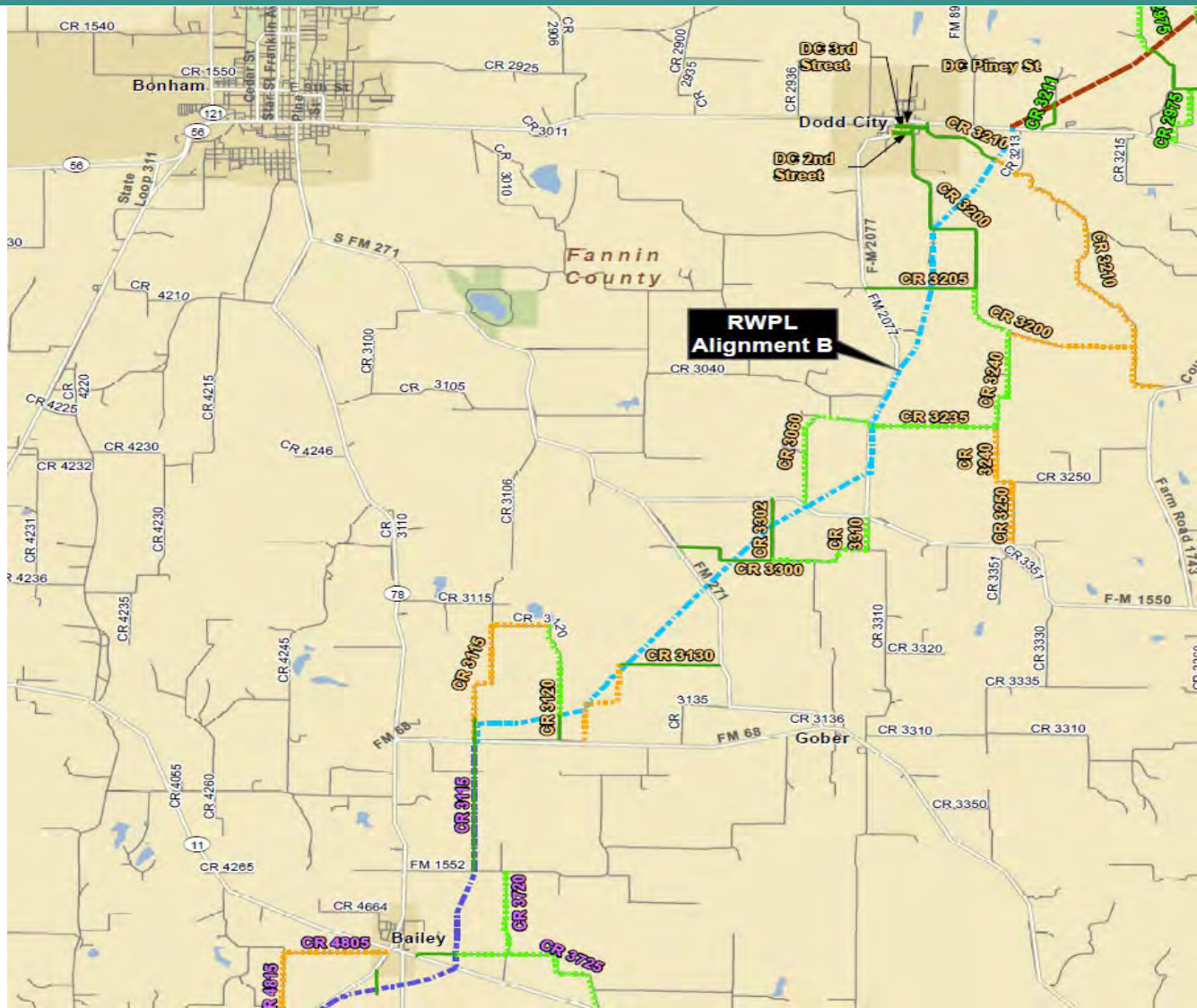
CR 3300

CR 3130

CR 3120

CR 3115

CR 3700





90 INCH RAW WATER PIPELINE HAUL ROUTES SECTION C

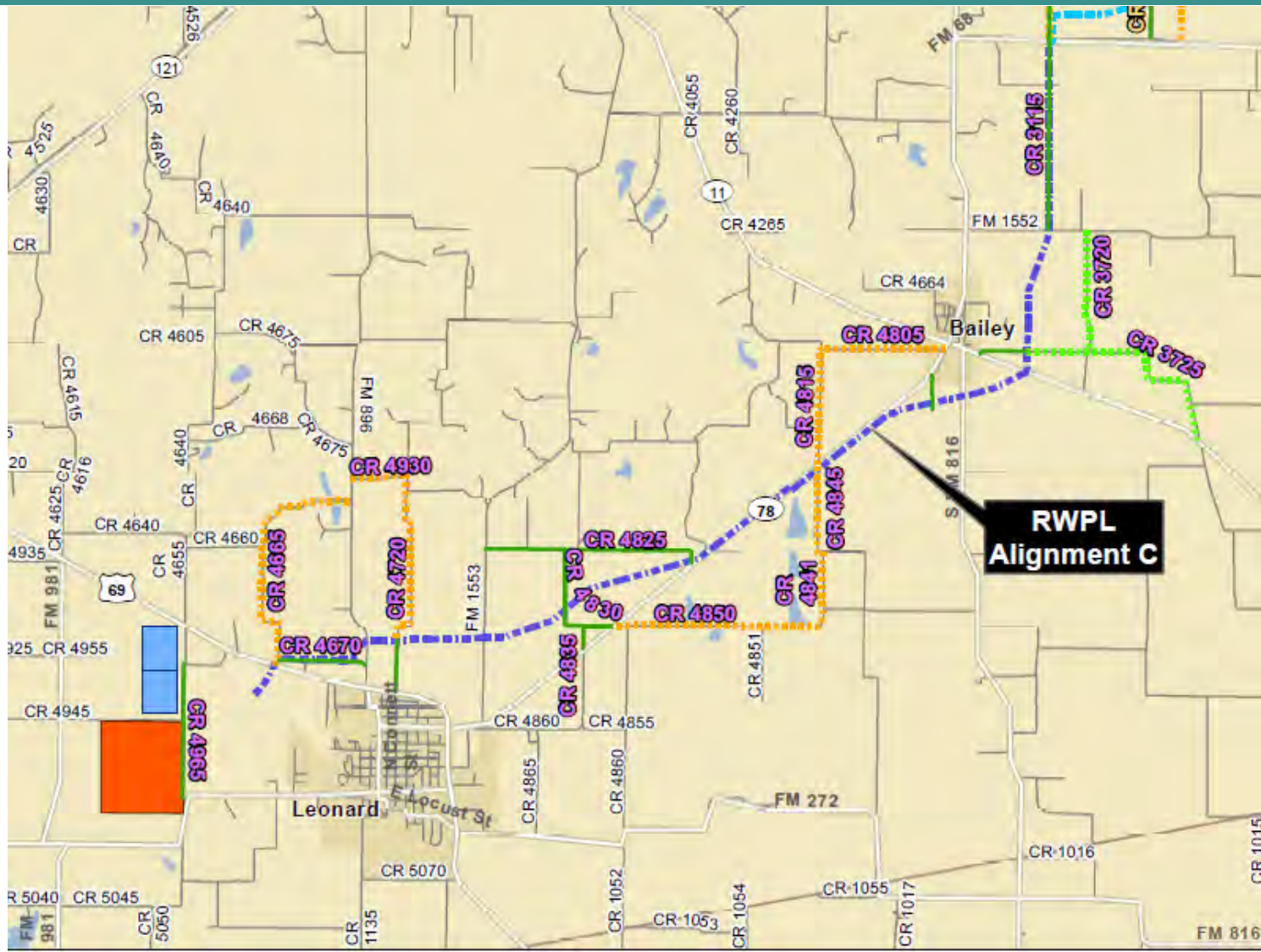
Haul Routes For Section C

CR 3700

CR 4825

CR 4830

CR 4670





BOIS d'ARC LAKE CONSTRUCTION PHOTOS

CMAR 5 – Garney (Raw Water Pipeline)



CMAR 5 – Garney – RWPL Pipe Stringing



BOIS d'ARC LAKE CONSTRUCTION PHOTOS

CMAR 5 – Garney (Raw Water Pipeline)



CMAR 5 – Garney – RWPL Pipe Stringing Along County Road



BOIS d'ARC LAKE CONSTRUCTION PHOTOS

CMAR 5 – Garney (Raw Water Pipeline)



CMAR 5 – Garney – RWPL Section C Installation



BOIS d’ARC LAKE CONSTRUCTION PHOTOS





BOIS d'ARC LAKE UPDATE

CMAR 5 – Treated Water Pipeline (24 miles)

- ROW acquisition underway (19% complete) with an estimated completion date of October 2019
- Pipe material package has been approved and engineering is underway
- Future Board authorization for the following packages:
  - Clearing and preparatory work
  - Installation/construction
  - Cathodic protection and fiber optic



BOIS d'ARC LAKE ELECTED OFFICIALS TOUR PHOTOS





BOIS d'ARC LAKE ELECTED OFFICIALS TOUR PHOTOS





BOIS d’ARC LAKE ELECTED OFFICIALS TOUR PHOTOS





BOIS d’ARC LAKE UPDATE

QUESTIONS?