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Development of Limited Access Roadways



October 17, 2016



- Progress on development of LARs
- Funding sources
- Projected timing
- Projected costs

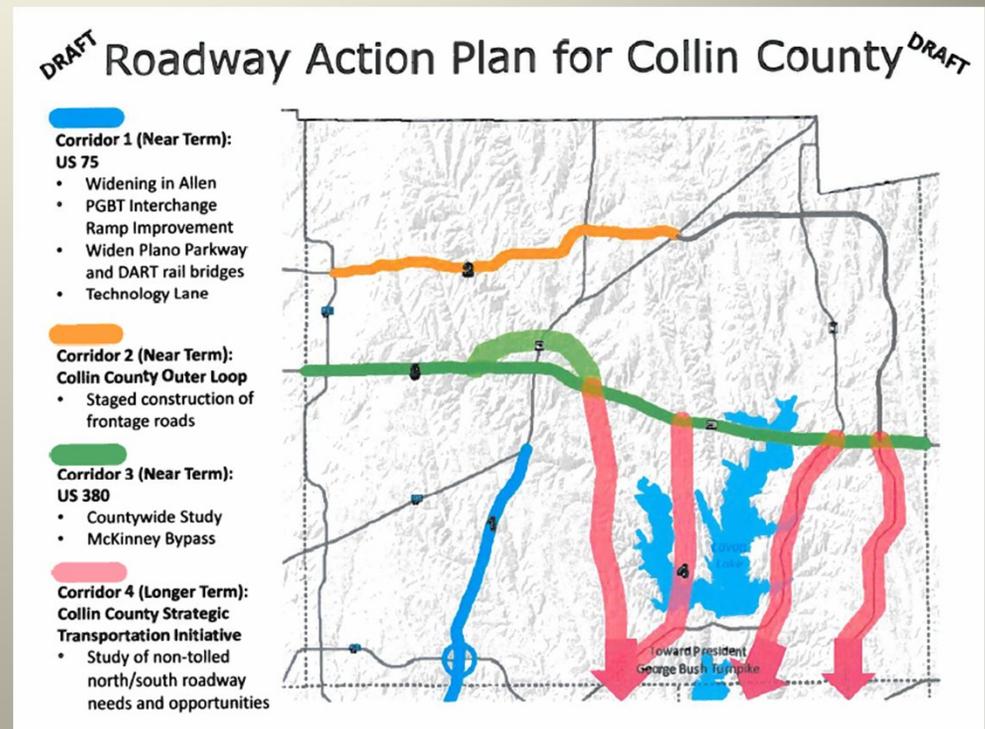


- Prop 7 (etc) funding available by 2018
- Region's next priority is LBJ East
 - Anticipate taking 3-4 years to accumulate necessary funding
- Collin County is next priority
- Funding for CC should be available about 2021-2022
- Must identify top priority Collin County corridor
- Must environmentally clear that corridor



TxDOT and NCTCOG have developed a Roadway Action Plan for Collin County

- TxDOT and NCTCOG have determined which corridors each organization will evaluate.
- The initial tasks to kick off these evaluations are now underway.





TxDOT - 28-miles of US 380 from Denton County line to eastern Outer Loop

- Currently preparing consultant **project scope** for evaluation of this corridor on existing and alternative alignments
- Will investigate the potential of a northern "loop" around the central part of McKinney





NCTCOG will evaluate the north-south corridors from east of US 75 to the eastern County line. The initial evaluation will include:

- From US 75 (between FM 543 and Telephone Road), south across US 380, east of the McKinney National Airport, south across SH 78 to PGBT
- From US 380 near Princeton, south in the peninsula of Lake Lavon, south across the lake, south across SH 78 to PGBT
- Along or near to the existing alignment of SH 78 from US 380 south to SH 205, across Lake Ray Hubbard, southwest 1 to 2.5 miles southeast of and parallel to SH 78 to PGBT
- The Outer Loop from US 380 south to IH 30



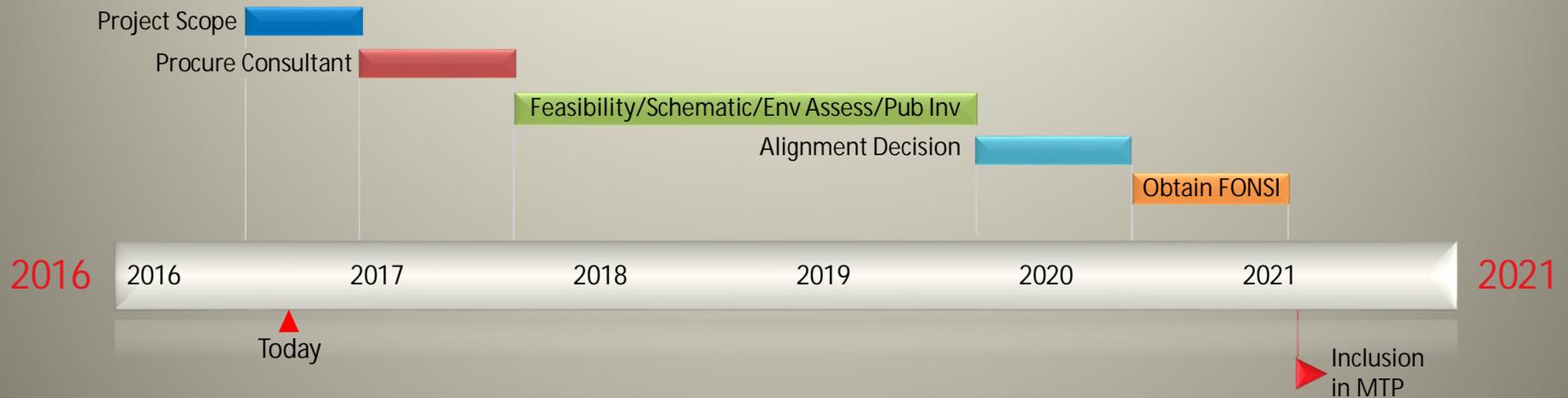
Initial Evaluation considers several optional alignments, Including (but not limited to):

1. The existing alignment
2. West of US 75: Alignment north of & parallel to current alignment, near Wilmeth Rd.
3. A North "Loop": From roughly Airport Rd, crossing US 75 near Wilmeth, re-connecting to the current alignment 1 or 2 miles west of US 75
4. East of US 75: Alignment 1 to 2 miles north of & parallel to the current alignment
5. East of US 75: Alignment 1 to 2 miles south of & parallel to the current alignment

Tasks Required for decision (US 380 / TxDOT) ...



... about alignment and **scope of project** (feasibility, schematic, environmental and public involvement) and to determine project to be funded by Prop 7. All tasks funded by TxDOT: **Significant Prop 7 funding** expected to be available to Collin County in 2020-2021 (after funding LBJ East).

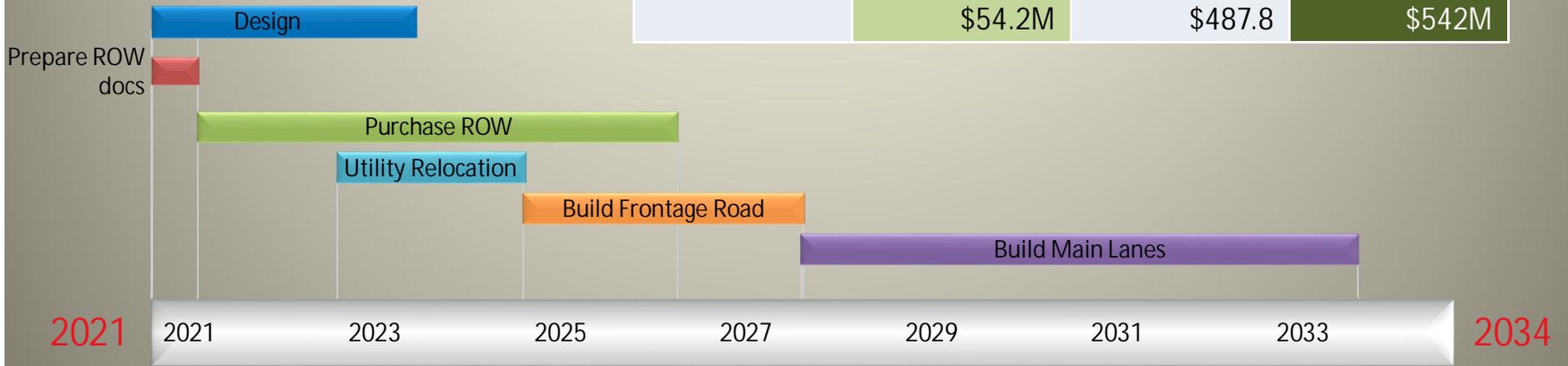


Project timeline example for US 380 (TxDOT)



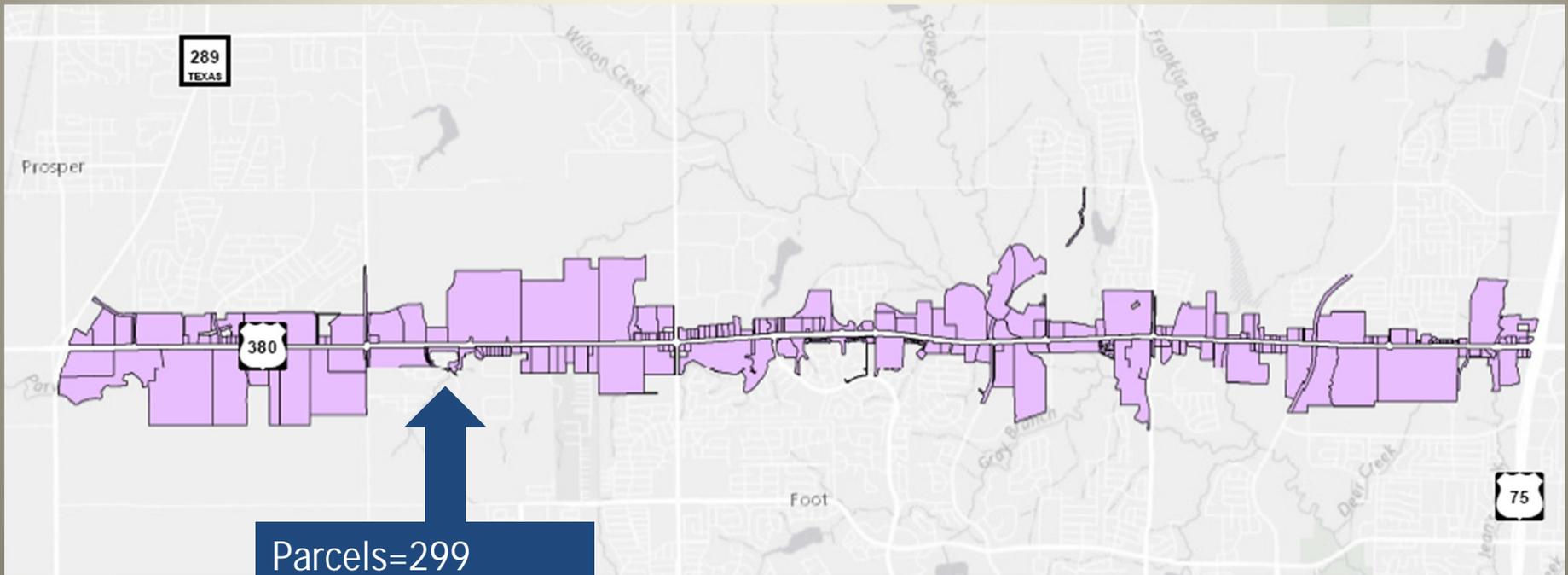
Assuming that the option using the **existing alignment** (9.5 mi) were selected, the following are the tasks to develop the project:

Phase	Local	State	Total
ROW	\$9.2M	\$82.8M	\$92M
Frontage Rd	\$13M	\$117M	\$130M*
Main Lanes	\$32M	\$288M	\$320M*
	\$54.2M	\$487.8	\$542M



* Assumes 10% required local match for construction (to be verified); may not be required.

Parcel layout for US 380 (TxDOT)



Parcels=299
Acreage= 2,604.85



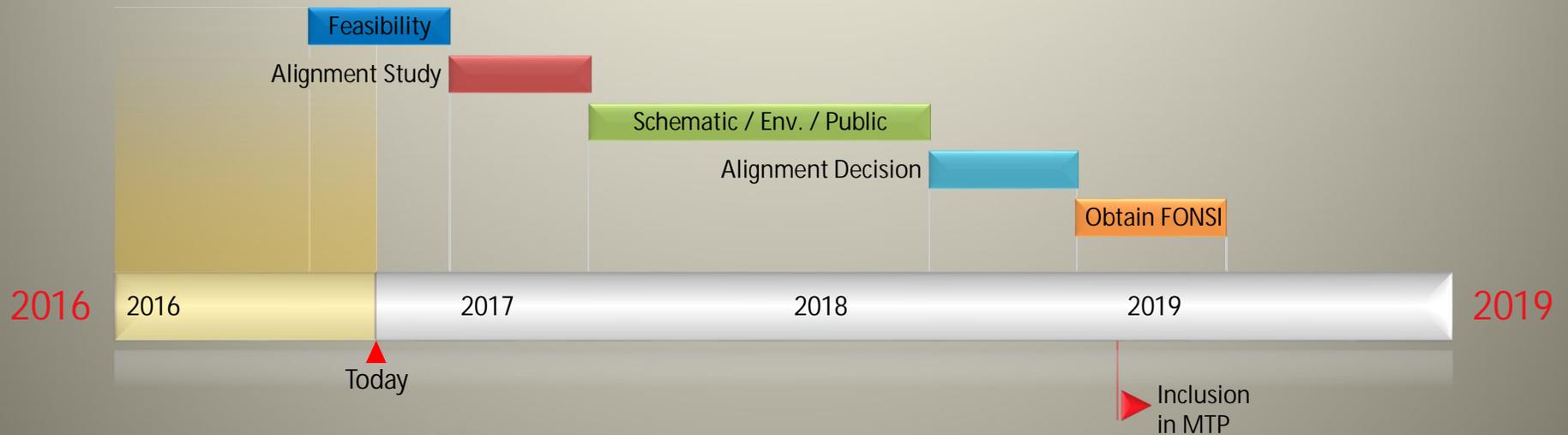
To Relieve US 75 from North of McKinney to Pres. George Bush Turnpike. Initial evaluation considers several **optional alignments**, including but not limited to:

1. **From US 75** between **FM 543** and Telephone Road, south across **US 380**, east of the *McKinney National Airport*, south across **SH 78 to PGBT**
2. **From US 380**, near Princeton, south in the peninsula of Lake Lavon, south across the lake, south across **SH 78 to PGBT**
3. **Along or near** to the existing alignment of **SH 78**, from **US 380**, south to **SH 205**, across Lake Ray Hubbard, southwest 1 to 2.5 miles southeast of (& parallel to) **SH 78 to PGBT**
4. **The Outer Loop** from US 380 south to IH 30

Tasks Required for decision on North-South Corridor (COG) ...



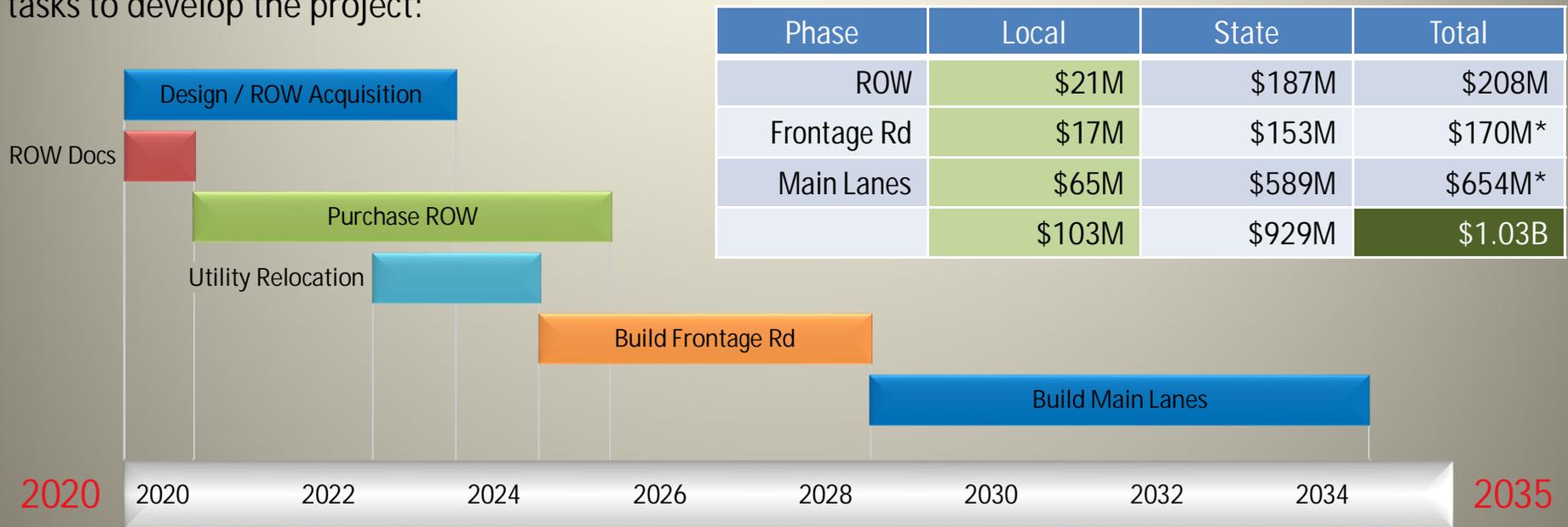
... about alignment and **scope of project** (feasibility, schematic, environmental and public involvement) and to determine project to be funded by Prop 7. All tasks funded by NCTCOG/RTC. Significant **Prop 7 funding** expected to be available to Collin County in 2020 or 2021 (after funding LBJ East).



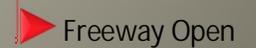
Project timeline example for North-South Corridor (COG)



Example: Assuming that the corridor west of Lake Lavon (19 mi) was selected, the following are the tasks to develop the project:



* Assumes 10% required local match for construction (to be verified); may not be required.





- NCTCOG and TxDOT, in collaboration with Collin County and the cities are on track to **identify and "clear" a corridor** in time to make use of new State funds (Prop 7, etc) – 2021-22
- All potential projects are anticipated to be at least **\$500M**
- Design, ROW and construction is a very lengthy process
- Local share of funding has not yet been determined
- Remaining un-allocated funds from the 2007 bond program is **\$7.4M**

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