



Public Meeting

Rockwall County Outer Loop Project

From FM 1138 to SH 205

In-Person Public Meeting: Tuesday, November 15, 2022
5:30 p.m. to 7:30 p.m.
Bobby Summers Middle School
2050 CD Boren Parkway, Fate, Texas 75189

Virtual Public Meeting: November 15, 2022 – December 15, 2022
www.rockwallcountytexas.com/loop



Public Meeting Purpose



- **Provide information about project alignment alternatives developed to date.**
- **Provide the public an opportunity to engage with the project team and participate in the planning process.**
- **Receive input from the community.**





Project Description



Project Description

A feasibility study is being conducted for a 12-mile, new location roadway from FM 1138 to SH 205 in Rockwall County, Texas. The study includes evaluating alternatives within or near the cities of Fate, Royse City, McLendon-Chisholm, and Rockwall through Rockwall County. The ultimate proposed project configuration would consist of two-lane frontage roads in each direction, four general purpose lanes (two in each direction), and two shared-use bicycle/pedestrian paths (one on the outside of each frontage road) within 500 feet (usual) of right-of-way. The project will be constructed in phases contingent on traffic volumes and available funding

The feasibility study and alternatives analysis are being conducted to identify a preferred alternative and corridor for the entire Rockwall Outer Loop. A complete the schematic design and environmental studies will be completed for the northern segment from FM 1138 to SH 276.

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Project History



Project History

2002

Governor Rick Perry directed TxDOT to develop a statewide network of multimodal transportation improvements to meet demands expected in the 21st Century.

2005

Rockwall County initiated public outreach to develop potential alignments for the Rockwall portion of an outer loop around Dallas-Fort Worth.

2007

NCTCOG included a regional outer loop in *Mobility 2030* as a circumferential relief route for the Metroplex.

2011

NCTCOG released the **Regional Outer Loop Feasibility Study**. Two corridors on the east side of the region were recommended as potential alternatives: Path A and Path B. Path A travels through Rockwall County. Path B identified a route in Hunt County.

Present

Rockwall County, in partnership with TxDOT, have started a new study to refine the Rockwall County Outer Loop.

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Need and Purpose

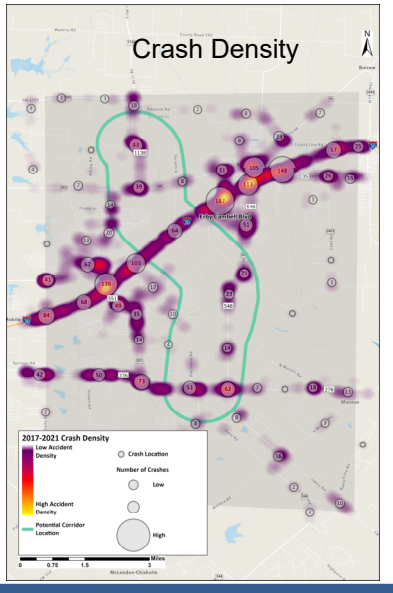


Need

- Lack of north-south connectivity within Rockwall County
- Inadequate capacity to meet projected traffic volumes
- Lack of suitable, continuous north-south major arterials in the project vicinity

Purpose

- Provide an additional north-south roadway in Rockwall County
- Meet local and regional mobility needs
- Address congestion
- Enhance safety
- Foster economic development and growth



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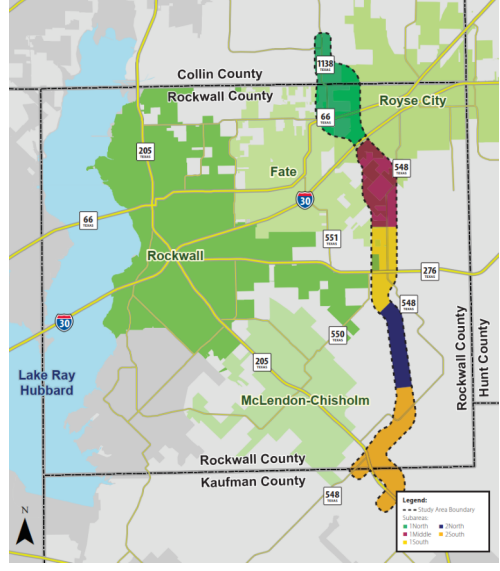
Project Location | Study Area for Evaluation



OVERALL ROCKWALL COUNTY OUTER LOOP PROJECT LIMITS:
 From FM 1138 to SH 205

Subareas for Technical Alternatives Analysis / Route Study

- Phase 1
 - North: FM 1138 north of Collin County Line to I-30
 - Middle: I-30 to North of Linda Lane
 - South: North of Linda Lane to South of SH 276
- Phase 2
 - North: South of 276 to North of FM 548 (Koch 2270)
 - South: North of FM 548 to SH 205



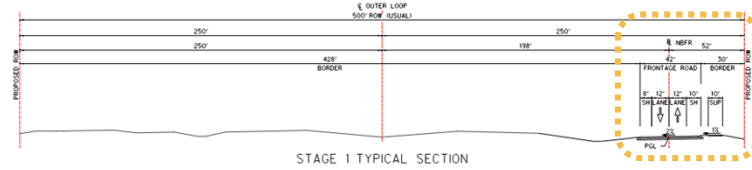
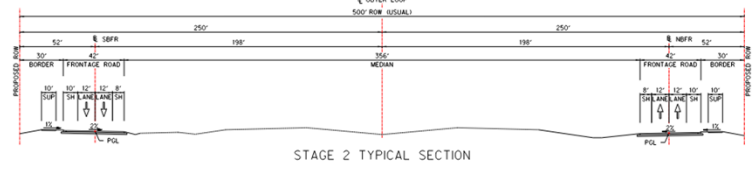
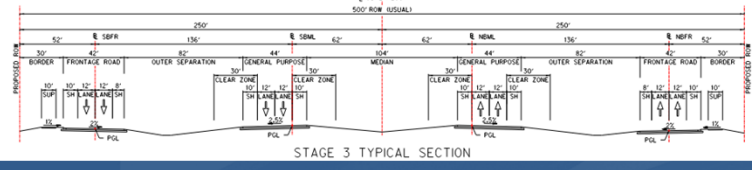
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Typical Sections | Staged Construction



o Staged Implementation

- Stage 1 – Acquire right-of-way for all stages; build one 2-lane frontage road operating as 2-way
- Stage 2 – Build second 2-lane frontage road; operate both as 1-way
- Stage 3 – Build controlled highway, 2 lanes in each direction

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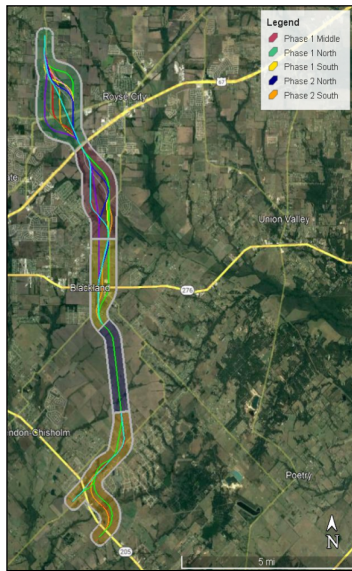
Alternatives Evaluated



Diverse Alignment Alternatives

Numerous alignment options were studied. Each subarea alignments were evaluated independently from the remaining subareas.

- o Subarea Phase 1 North – 10 alignment alternatives
- o Subarea Phase 1 Middle – 8 alignment alternatives
- o Subarea Phase 1 South – 5 alignment alternatives
- o Subarea Phase 2 North – 1 alignment alternative
- o Subarea Phase 2 South – 7 alignment alternatives



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Evaluation Measures



- Engineering / Design Features
 - Length, Right of Way Area
- Community & Socio-Economic Impacts
 - # of Displacements, Minority/Low Income, Hazmat Sites
- Major Infrastructure & Federal Property
 - Railroads, Airports, Electric & Utility Infrastructure, Soil and Water Conservation reservoirs and dams
- Impacts to Natural & Section 4(f) Resources
 - Parks, Historic, Archeologic, Floodplain, Wetlands
- Transportation Performance
 - Access, Regional Mobility, Consistency with T'fare Plans
- Other Measures
 - Costs, Local Support (City, County, Agency, Public)

ALTERNATIVE FEATURES AND POTENTIAL IMPACTS		PHASE 2 SOUTH - FEASIBLE ALTERNATIVES						
		All build alignments are subject to future refinements.						
See the notes for an explanation of the terms and basis for impacts used in this table. ♦	Note #	2S-Blue	2S-Green	2S-Orange	2S-Purple	2S-Red	2S-Turquoise	2S-Yellow
ENGINEERING / DESIGN FEATURES								
Alignment Length (miles)	1	4,973	3,015	3,042	4,058	3,051	3,033	4,032
Estimated Existing ROW Utilized (acres)	2	7.0	10.7	12.2	7.8	11.1	12.1	4.4
Estimated Total ROW Required (acres)	3	249.8	192.7	184.3	245.9	194.8	193.8	244.3
COMMUNITY AND SOCIO-ECONOMIC IMPACTS								
# of Property Owners Affected by Proposed ROW	4	17	29	26	17	29	26	16
Proposed ROW Impact to Public School Properties (acres)	5	0	0	0	0	0	0	0
Proposed ROW Impact to Other Publicly-Owned Properties (acres)	6	2.0	3.5	3.2	2.0	3.2	3.2	2.3
# of Displaced Residences	7	2	4	5	2	6	6	0
# of Displaced Publicly-Owned Facilities	8	0	0	0	0	0	0	0
# of Displaced Barns/Sheds/Detached Garages	9	15	12	11	15	15	12	7
# of Displaced Churches	10	0	0	0	0	0	0	0
# of Displaced Billboard Signs	11	0	1	1	0	1	1	0
# of Displaced Commercial / Industrial / Other Facilities	12	2	1	3	2	2	3	0
# of Census Block Groups with Minority and/or Low-Income Populations	13	0	0	0	0	0	0	0
# of TCEQ-Identified High-Risk Hazardous Sites	14	0	0	0	0	0	0	0
IMPACTS TO FEDERAL PROPERTY OR MAJOR INFRASTRUCTURE								
Proposed ROW Impact to Federal Land or Projects (acres)	15	0	0	0	0	0	0	9.1
Proposed ROW Impact to Airports (acres)	16	0	0	0	0	0	0	0
Proposed ROW Impact to Railroads (acres)	17	0	0	0	0	0	0	0
Proposed ROW Impact to Major Electric Utility Infrastructure (linear feet)	18	2138.8	661.1	593.6	2199.8	745.5	547.4	1994.3
# of Displaced Utility Structures	19	3	1	1	4	1	1	3
IMPACTS TO SECTION 4(f) RESOURCES								
Proposed ROW Impact to Parks (acres)	20	0	0	0	0	0	0	0
Proposed ROW Impact to Wildlife or Wetland Refuges (acres)	21	0	0	0	0	0	0	0
# of Known Historic Properties within the Proposed ROW	22	0	0	0	0	0	0	0
# of Historic Properties within the Proposed ROW	23	3	4	4	3	4	4	3
# of Archeological Sites within Proposed ROW	24	0	0	0	1	0	0	0
Proposed ROW Impact to Areas of High-Risk Potential Archeological Liability (ac)	25	3.5	0	0	3.7	0	0	0.1
Proposed ROW Impact to Cemeteries (acres)	26	0	0	0	0	0	0	0
# of Cemeteries within Proposed ROW	27	0	0	0	0	0	0	0
# of Local/State Landmarks or Historical Markers within the Proposed ROW	28	0	0	0	0	0	0	0
# of Known Historic Properties within the APE	29	0	0	0	0	0	0	0
# of Historic Properties within the APE	30	3	4	4	3	4	4	3
IMPACTS TO NATURAL RESOURCES								
Proposed ROW Impact within 100-Year Floodplain (acres)	31	31.7	33.1	44.0	31.3	33.2	34.6	45.2
Proposed ROW Impact to Ponds and Lakes (acres)	32	2.6	0.8	3.1	2.6	2.4	2.7	10.3
Proposed ROW Impact to NW Wetlands (acres)	33	2.9	2.3	2.5	2.5	2.7	2.6	2.2
Proposed ROW Impact to NHD Rivers and Streams (acres)	34	1.0	1.9	1.5	0.5	1.5	1.8	1.4
Proposed ROW Impact to Riparian Forest Areas (acres)	35	14.8	21.9	22.8	14.6	19.5	19.7	19.4
Proposed ROW Impact to Potential Prime Farmland (acres)	36	255.9	164.3	152.4	255.9	162.2	154.5	216.4

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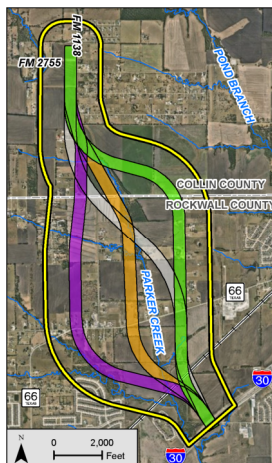
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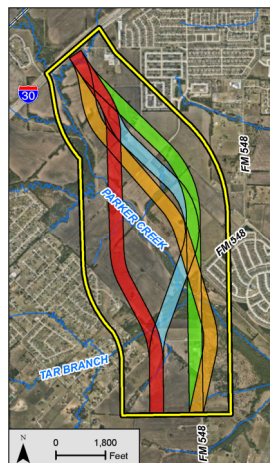


Reasonable and Feasible Alternatives for Further Consideration Phase 1



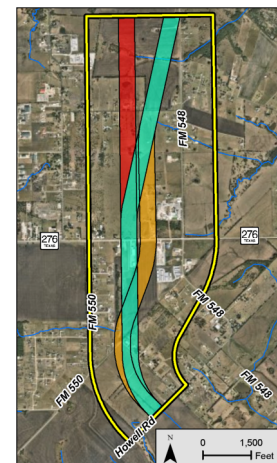
Phase 1 North

Grey, Green, Orange, and Purple



Phase 1 Middle

Blue, Green, Orange, and Red



Phase 1 South

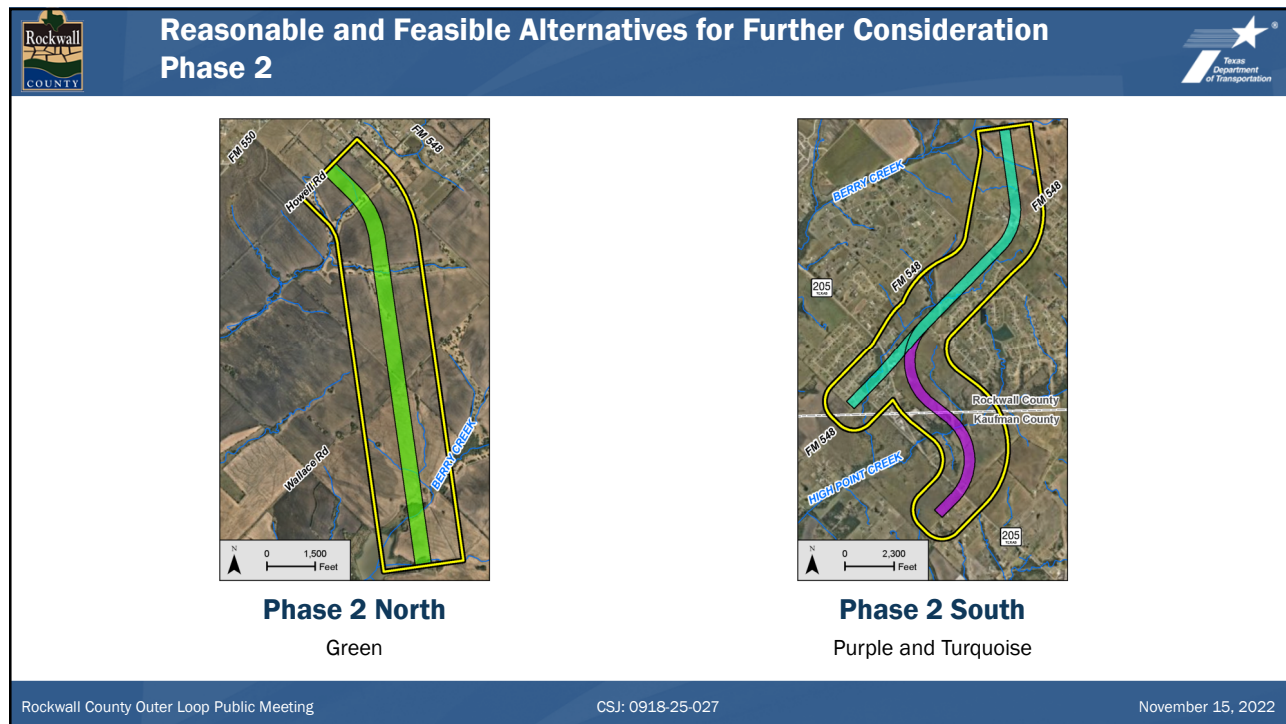
Orange, Red, and Turquoise

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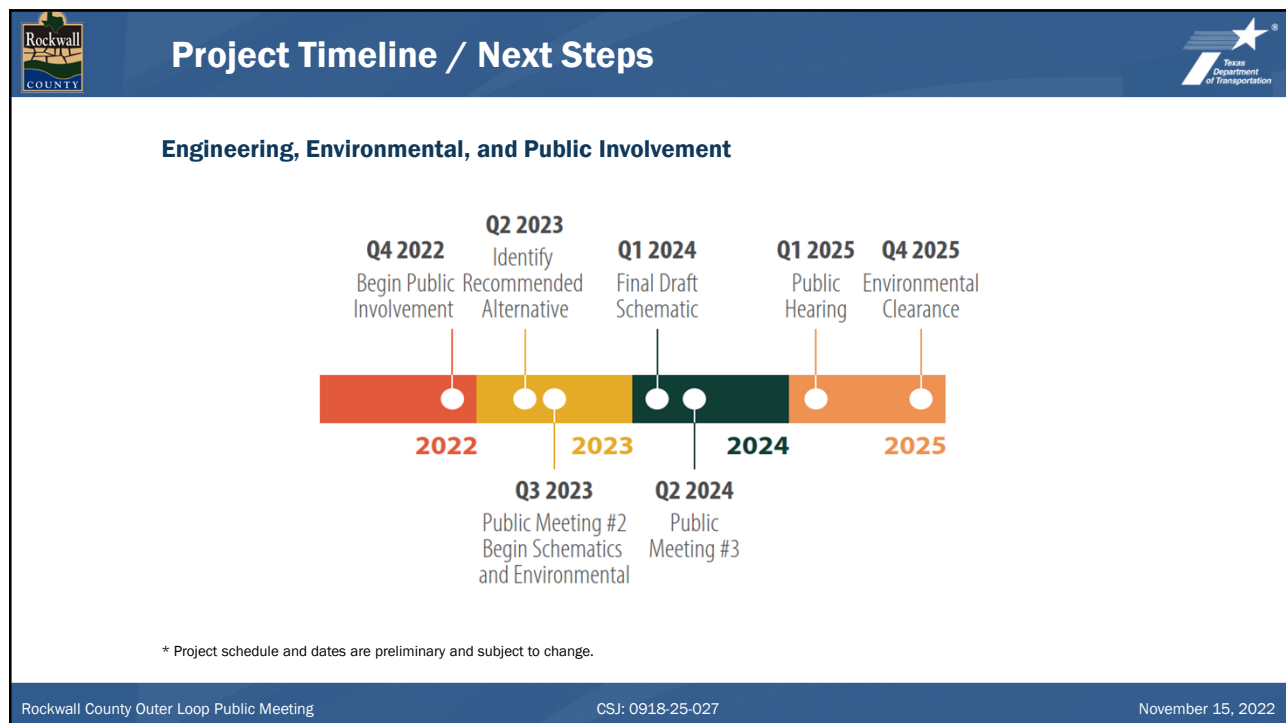
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Feedback: How to Submit Your Comments



In-Person



Designated Comment Boxes

Online



www.rockwallcountytexas.com/loop
Click the link: "Submit Your Comments"

By Mail

Halff Associates, Inc.
ATTN: Matt Craig, P.E.
1201 North Bowser Road
Richardson, TX 75081



By Email

Submit to:
RCOL@halff.com



While comments are always welcome, they must be received on or before Thursday, December 15, 2022, at 11:59 p.m. to be included in the official meeting documentation.

The public may email or call Matt Craig, PE, at RCOL@halff.com or (214) 346-6200 during regular office hours to ask questions about the project at any time in the project development process.

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