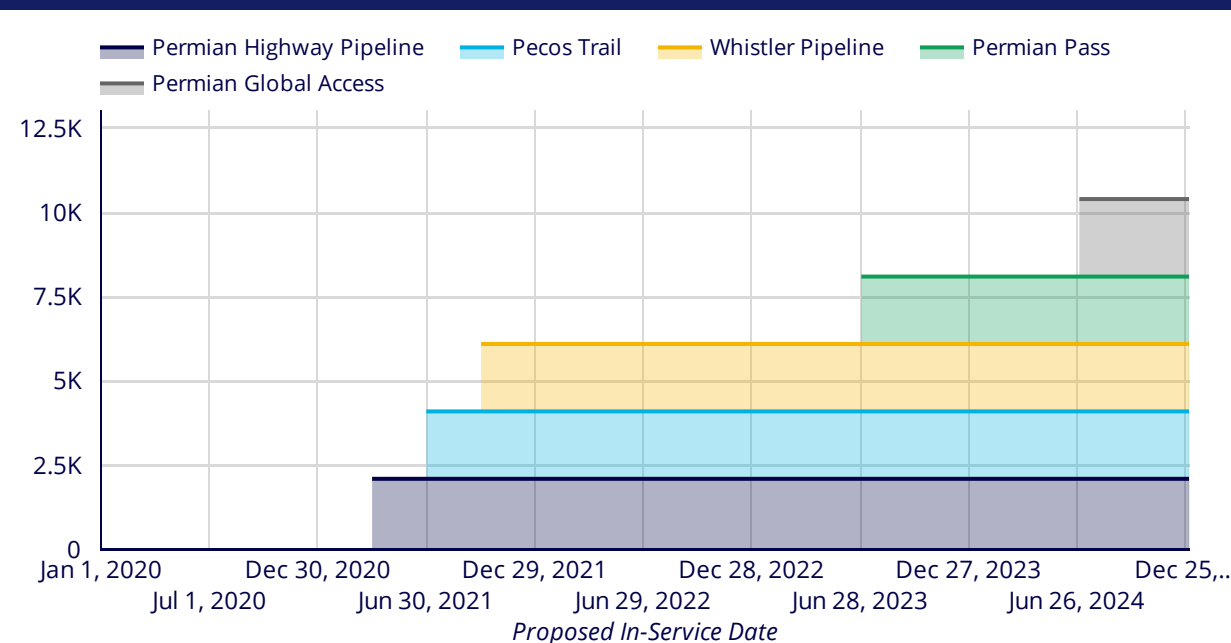


Project Name	Owners	Status	Announced Shippers	Project Commitment Score
Permian Highway Pipeline	Kinder Morgan Texas Pipeline (26.67%), Blackstone Energy Partners (26.67%), Altus (26.67%), Affiliate of Shipper XTO (20%)	Is under construction.	Apache (25%), Eagle Claw, XTO Energy (22.5%)	79
Whistler Pipeline	Whitewater Midstream, MPLX, Stonepeak Infrastructure Partners and West Texas Gas	Has begun acquisition of easements for right of way.	None	33
Permian Global Access	Tellurian Inc.	Filed with FERC to use pre-filing process (Docket Number PF19-9).	None	19
Pecos Trail	Namerico Energy Holdings, Cresta Energy	There has been little to no activity since initial announcement and no ROW acquisition to date.	None	11
Permian Pass	Kinder Morgan	Just began working with customers on overall interest in project.	None	3

Capacity Coming Online



Progress on ROW Acquisition

Project Name	Easement Count	Easements Per Pipe Mile
Permian Highway Pipeline	1,300	3.02
Whistler Pipeline	173	0.38



Permian Highway Pipeline

Project Commitment Score

79

Prior Project Commitment Score

78



Key Development

Sierra Club has filed a complaint seeking to halt all construction based on claim that NWP12 is invalid for the reasons set forth in an opinion by the Montana District Court with respect to KXL.

Diameter of Pipeline

42

Estimated Cost

\$2.15 Billion

Pipeline Miles

430

Key Receipt Points

Waha

Proposed In-Service Date

Mar 31, 2021

Key Delivery Points

Katy, TX and connections to Texas Gulf Coast and Mexico

Phase 1 Progress

Announced Project Held First Open Season Held Second Open Season Publicly Announced Shippers

Yes Yes Yes Partially

Current: 0.95

Prior: 0.95

Phase 2 Progress

Initial Route Survey Long Lead Items Ordered Released Detailed Route Final Investment Decision

Yes Yes Yes Yes

Current: 1

Prior: 1

Phase 3 Progress

ROW Acquisition Condemnation Actions Submitted NC Request with TRRC Submitted Permit Applications with TCEQ

Yes Partially Yes No

Current: 0.85

Prior: 0.85

Phase 4 Progress

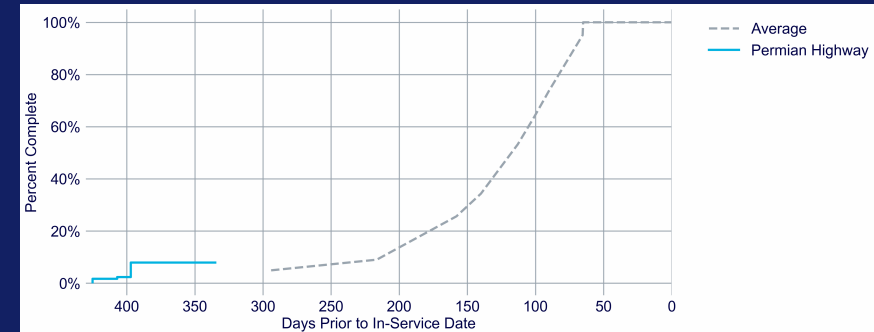
Construction Filed Operator Permit with TRRC Filed Tariff with TRRC Filed Tariff with FERC

Partially Partially No N/A

Current: 0.37

Prior: 0.34

Hydrostatic Test Progress



Key Development

Continued acquiring easements for right of way.

Diameter of Pipeline

42

Pipeline Miles

450

Proposed In-Service Date

Sep 30, 2021

Estimated Cost

Not Disclosed

Key Receipt Points

Waha

Key Delivery Points

Agua Dulce

Phase 1 Progress

Announced Project Held First Open Season Held Second Open Season Publicly Announced Shipp...

Yes Yes Yes No



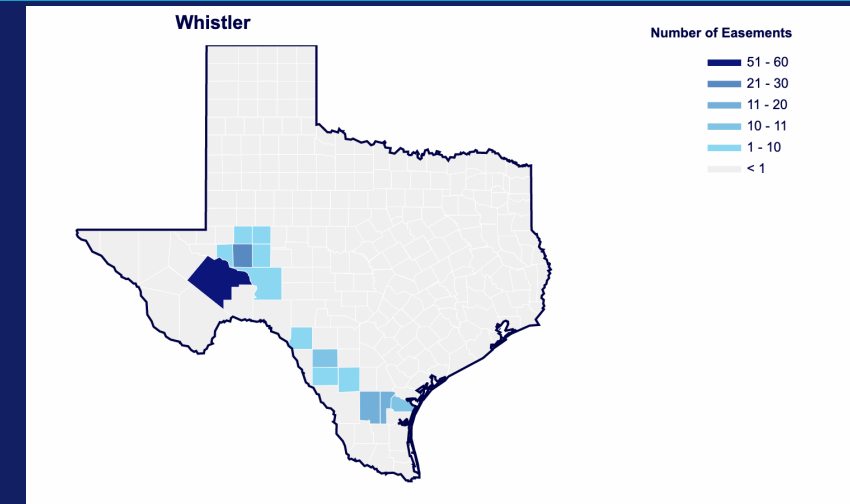
Phase 2 Progress

Initial Route Survey Long Lead Items Ordered Released Detailed Route Final Investment Decision

Yes Partially Yes Yes



Easement Acquisition Progress



Phase 3 Progress

ROW Acquisition Condemnation Actions Submitted NC Request with TRRC Submitted Permit Applications with TCEQ

Partially No No No



Phase 4 Progress

Construction Filed Operator Permit with TRRC Filed Tariff with TRRC Filed Tariff with FERC

No Yes No N/A



Key Development

In a filing at FERC, the project noted that it had delayed the start of field surveys due to COVID-19.

Diameter of Pipeline

42

Estimated Cost

\$4.2 Billion

Pipeline Miles

625

Key Receipt Points

Waha

Proposed In-Service Date

Jun 30, 2024

Key Delivery Points

Lake Charles, LA

Phase 1 Progress

Announced Project

Yes

Held First Open Season

Yes

Held Second Open Season

Yes

Publicly Announced Shippers

No

Current:

0.9

Prior:

0.9

Phase 2 Progress

Initial Route Survey

Yes

Long Lead Items Ordered

No

Released Detailed Route

Yes

Final Investment Decision

No

Current:

0.4

Prior:

0.4

Phase 3 Progress

ROW Acquisition

No

Condemnation Actions

No

Submitted NC Request with TRRC

No

Submitted Permit Applications with TCEQ

No

Current:

0

Prior:

0

Phase 4 Progress

Construction

No

Filed Operator Permit with TRRC

No

Filed Tariff with TRRC

N/A

Filed Tariff with FERC

No

Current:

0.1

Prior:

0.1

Key Development

Was expected to reach FID by end of September, but that has not been announced and there were no developments in April.

Diameter of Pipeline

48

Estimated Cost

Not Disclosed

Pipeline Miles

460

Key Receipt Points

Waha Station

Proposed In-Service Date

Jun 30, 2021

Key Delivery Points

Agua Dulce

Phase 1 Progress

Announced Project

Yes

Held First Open Season

No

Held Second Open Season

No

Publicly Announced Shippers

No



Phase 2 Progress

Initial Route Survey

Yes

Long Lead Items Ordered

No

Released Detailed Route

Yes

Final Investment Decision

No



Phase 3 Progress

ROW Acquisition

No

Condemnation Actions

No

Submitted NC Request with TRRC

No

Submitted Permit Applications with TCEQ

No



Phase 4 Progress

Construction

No

Filed Operator Permit with TRRC

No

Filed Tariff with TRRC

No

Filed Tariff with FERC

N/A



Key Development

No developments in April, but not yet formally deferred or canceled.

Diameter of Pipeline

42

Estimated Cost

Not Disclosed

Pipeline Miles

1

Key Receipt Points

Not Disclosed

Proposed In-Service Date

Jun 30, 2023

Key Delivery Points

Not Disclosed

Phase 1 Progress

Announced Project

Yes

Held First Open Season

No

Held Second Open Season

No

Publicly Announced Shippers

No



Phase 2 Progress

Initial Route Survey

No

Long Lead Items Ordered

No

Released Detailed Route

No

Final Investment Decision

No



Phase 3 Progress

ROW Acquisition

No

Condemnation Actions

No

Submitted NC Request with TRRC

No

Submitted Permit Applications with TCEQ

No



Phase 4 Progress

Construction

No

Filed Operator Permit with TRRC

No

Filed Tariff with TRRC

No

Filed Tariff with FERC

N/A



16 Metrics | 4 Phases

Because intrastate projects in Texas lack the level of historical data available for FERC interstate projects, our method for monitoring Permian projects cannot mirror our FERC projects methodology. Instead, we have developed and are monitoring a list of 16 different activities we believe are the best indicators of a developer's commitment to completing a project. The table below lists all 16 elements and the maximum value that is ascribed to each one. A score of 100 would be achieved once the project goes into service.

Phase 1 Progress

Activity	Announced Project	Held First Open Season	Held Second Open Season	Publicly Announced Shippers
Max Score	1	3	5	1

Phase 2 Progress

Activity	Initial Route Survey	Long Lead Items Ordered	Released Detailed Route	Final Investment Decision
Max Score	2	6	6	6

Phase 3 Progress

Activity	ROW Acquisition	Condemnation Actions	Submitted NC Request with TRRC	Submitted Permit Applications with TCEQ
Max Score	15	15	15	5

Phase 4 Progress

Activity	Construction	Filed Operator Permit with TRRC	Filed Tariff with TRRC	Filed Tariff with FERC
Max Score	14	2	2	2