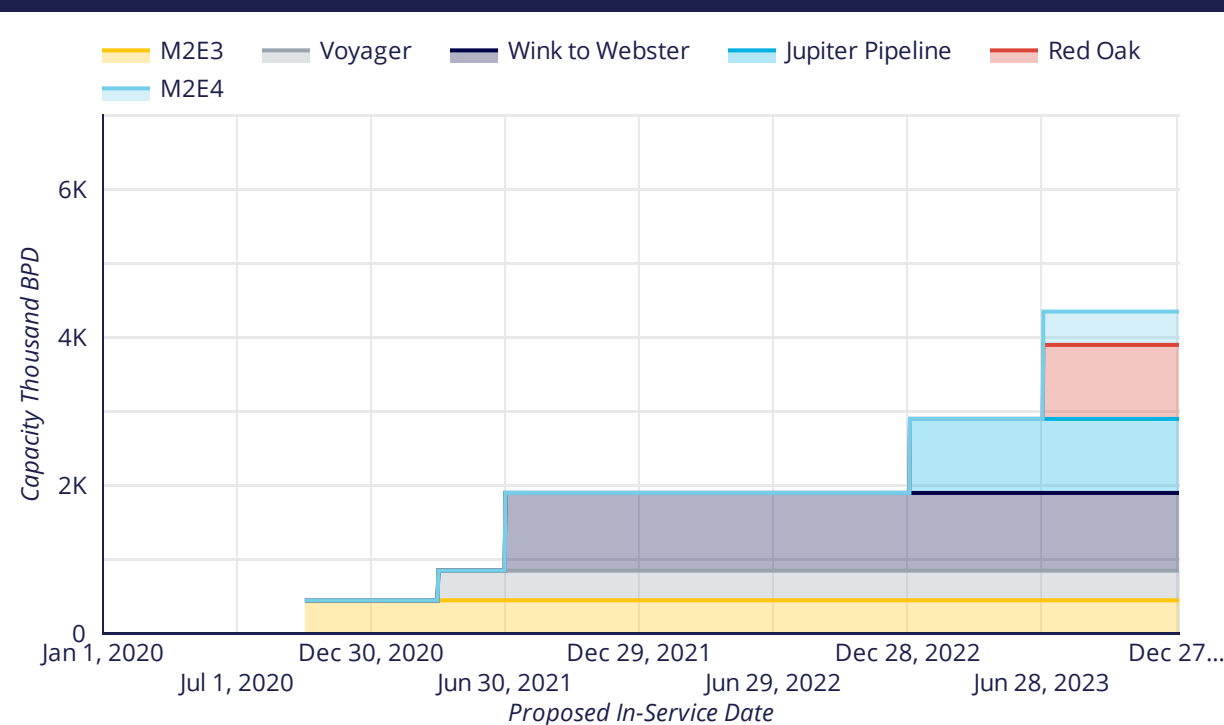


Crude Oil Pipeline Summary - May 2020

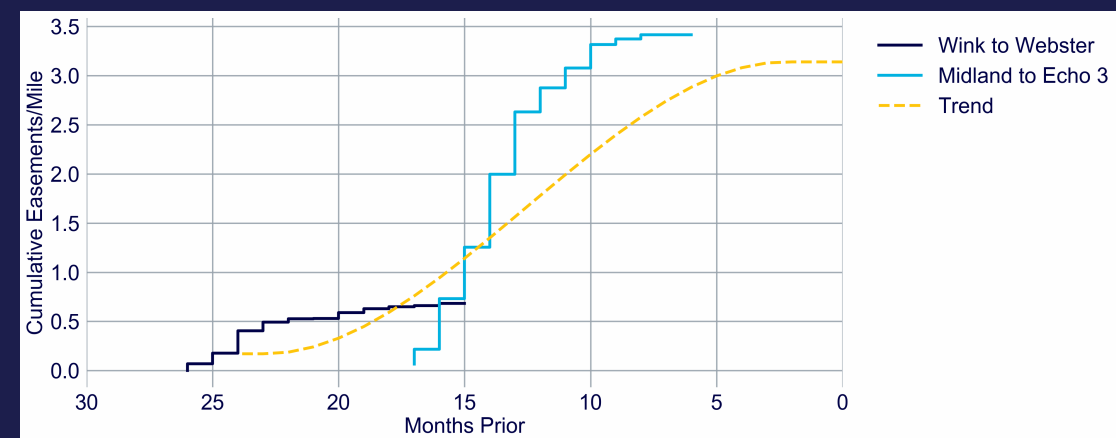
Project Name	Owners	Status	Announced Shippers	Project Commitment Score
M2E3	Enterprise Crude Pipeline LLC	Has begun hydrostatic testing of pipeline segments.	Not Disclosed	72
Wink to Webster	ExxonMobil, Plains All American Pipeline, MPLX, Delek, Lotus Midstream and Rattler Midstream	M2E3 project will form the Midland-to-Webster segment of the Wink to Webster pipeline system.	ExxonMobil, Marathon and Diamondback Energy	61
Red Oak	Phillips 66 and Plains All American Pipeline (Plains)	Partners have deferred project without announcing a revised in-service date.	Not Disclosed	38
M2E4	Enterprise Products Partners L.P.	Has Filed Construction Permit with TRRC for construction beginning on August 18, 2020.	Not Disclosed	29
Jupiter Pipeline	Jupiter MLP LLC	Announced in October 2018 that it had secured funding for project from Charon System Advisors.	Not Disclosed	14
Voyager	Magellan Midstream Partners and NES Midstream, LLC	Indicated that they had not reached FID but were restructuring the project to make it more economically viable.	Not Disclosed	9

Capacity Coming Online



Progress on ROW Acquisition

Project Name	Easement Count	Easements Per Pipe Mile
M2E3	1,712	3.41
Wink to Webster	444	0.68



Key Development

Continued making good progress with hydrostatic testing of the completed sections of pipeline.

Diameter of Pipeline

30

Pipeline Miles

502

Proposed In-Service Date

Oct 1, 2020

Estimated Cost

Not Disclosed

Key Receipt Points

Midland

Key Delivery Points

Echo

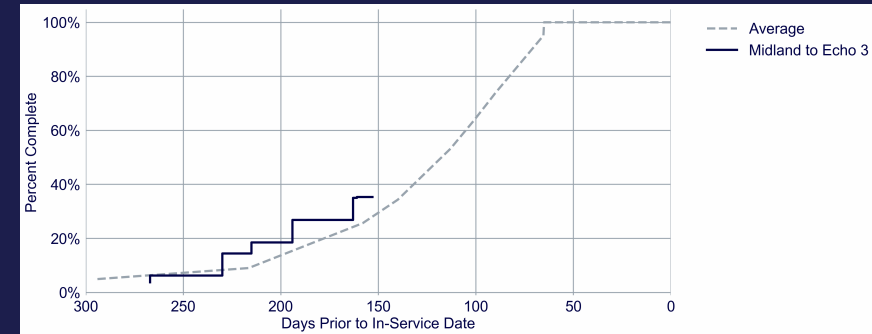
Phase 1 Progress

Announced Project	Held First Open Season	Held Second Open Season	Publicly Announced Shippers
Yes	No	No	No
Current:			
Prior:			

Phase 2 Progress

Initial Route Survey	Long Lead Items Ordered	Released Detailed Route	Final Investment Decision
Yes	Yes	Yes	Yes
Current:			
Prior:			

Hydrostatic Testing Progress



Phase 3 Progress

ROW Acquisition	Condemnation Actions	Submitted NC Request with TRRC	Submitted Permit Applications with TCEQ
Yes	Partially	Yes	No
Current:			
Prior:			

Phase 4 Progress

Construction	Filed Operator Permit with TRRC	Filed Tariff with TRRC	Filed Tariff with FERC
Partially	Yes	No	No
Current:			
Prior:			

Key Development

By combining with M2E3 will be able to be in-service on that portion of the route by end of this year. Lack of progress on easements is probably from the fact that it no longer needs them for the M2E3 portion of the route.

Diameter of Pipeline

36

Pipeline Miles

650

Proposed In-Service Date

Jun 30, 2021

Estimated Cost

Not Disclosed

Key Receipt Points

Wink and Midland

Key Delivery Points

Webster, Baytown and Beaumont

Phase 1 Progress

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

Yes Yes No Partially



Phase 2 Progress

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

Yes Yes Yes Yes



Phase 3 Progress

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

Yes Partially Yes No



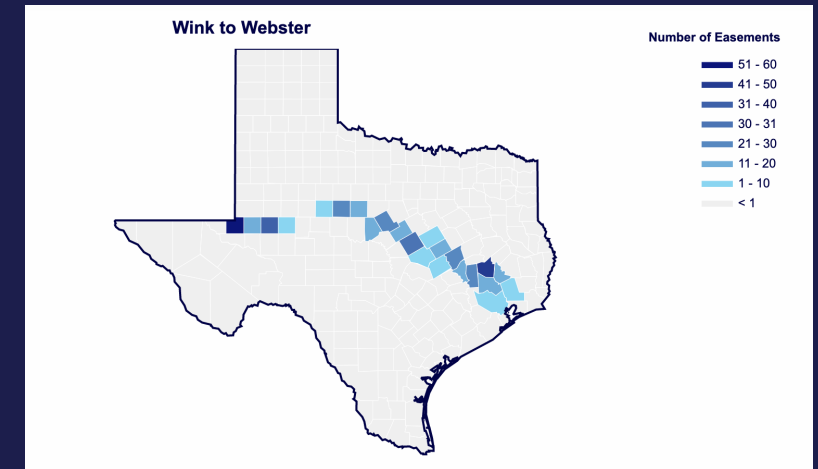
Phase 4 Progress

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

No Yes No No



Easement Acquisition Progress



Key Development

No developments in April.

Diameter of Pipeline

30

Estimated Cost

\$2.5 Billion

Pipeline Miles

550

Key Receipt Points

Cushing and Midland

Proposed In-Service Date

Jun 30, 2023

Key Delivery Points

Corpus Christi, Ingleside, Houston and Beaumont, Texas.

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

Yes

Current:

0.7

Prior:

0.7

Phase 3 Progress

ROW Acquisition

No

Condemnation Actions

No

Submitted NC Request with TRRC

Yes

Submitted Permit Applications with TCEQ

No

Current:

0.3

Prior:

0.3

Phase 4 Progress

Construction

No

Filed Operator Permit with TRRC

No

Filed Tariff with TRRC

No

Filed Tariff with FERC

No

Current:

0

Prior:

0

Key Development

Enterprise Product Partners announced project has been deferred, but not yet canceled. Based on the announcement we have moved projected in-service date back two years.

Diameter of Pipeline

30

Estimated Cost

Not Disclosed

Pipeline Miles

388

Key Receipt Points

Midland

Proposed In-Service Date

Jun 30, 2023

Key Delivery Points

Echo

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

Partially

Released Detailed Route

Yes

Final Investment Decision

No



Phase 3 Progress

ROW Acquisition

No

Condemnation Actions

No

Submitted NC Request with TRRC

Yes

Submitted Permit Applications with TCEQ

No



Phase 4 Progress

Construction

No

Filed Operator Permit with TRRC

Yes

Filed Tariff with TRRC

No

Filed Tariff with FERC

No



Jupiter Pipeline

Project Commitment Score

14

Prior Project Commitment Score

14



Key Development

While there has been no formal announcement canceling the project, based on lack of activity, we have moved projected in-service date back two years.

Diameter of Pipeline

36

Estimated Cost

Not Disclosed

Pipeline Miles

650

Key Receipt Points

Orla, Pecos and Three Rivers

Proposed In-Service Date

Dec 31, 2022

Key Delivery Points

Pecos, Three Rivers and Brownsville

Phase 1 Progress

Announced Project

Yes

Held First Open Season

Yes

Held Second Open Season

No

Publicly Announced Shippers

No



Phase 2 Progress

Initial Route Survey

Yes

Long Lead Items Ordered

Partially

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

No



Key Development

No major developments in April. Project may be impacted by crude market turmoil. No formal announcement yet of its deferral or cancellation.

Diameter of Pipeline

No data

Estimated Cost

Not Disclosed

Pipeline Miles

500

Key Receipt Points

Cushing and Midland

Proposed In-Service Date

Mar 31, 2021

Key Delivery Points

Magellan's East Houston and Seabrook Terminals

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

No

Long Lead Items Ordered

No

Released Detailed Route

No

Final Investment Decision

No

Current:

0

Prior:

0

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

No

Filed Tariff with FERC

No

Current:

0

Prior:

0

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