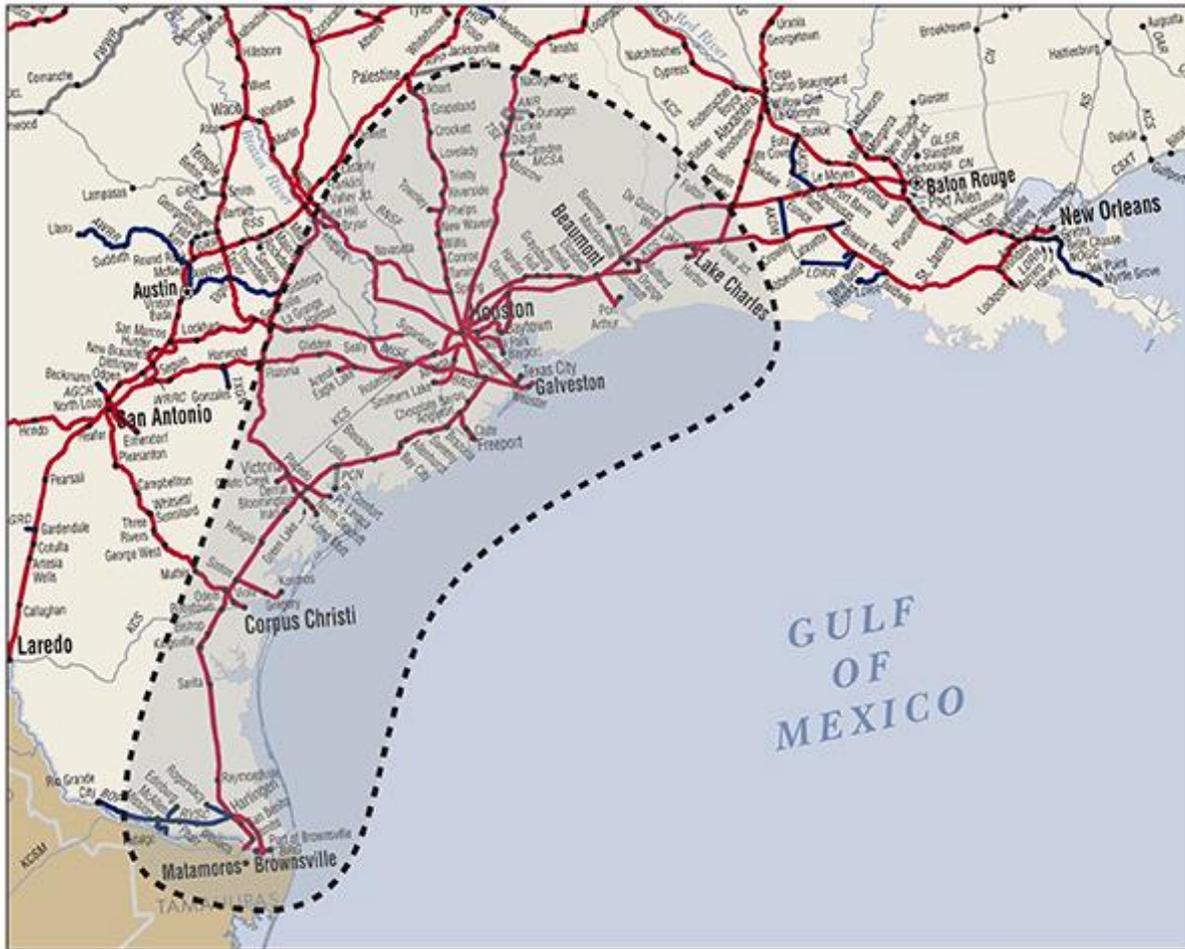




Hurricane Harvey

Rail Impact and
Service Recovery
Efforts



Hurricane Harvey by the Numbers



More than **27 trillion gallons**¹ of rain fell over Texas

The Category 4 hurricane had a **diameter of 280 miles** with **winds of 130 mph** during its first landfall¹

Harvey **broke the U.S. record** for rainfall from a single storm, dumping almost **52 inches** of rain in parts of Texas¹

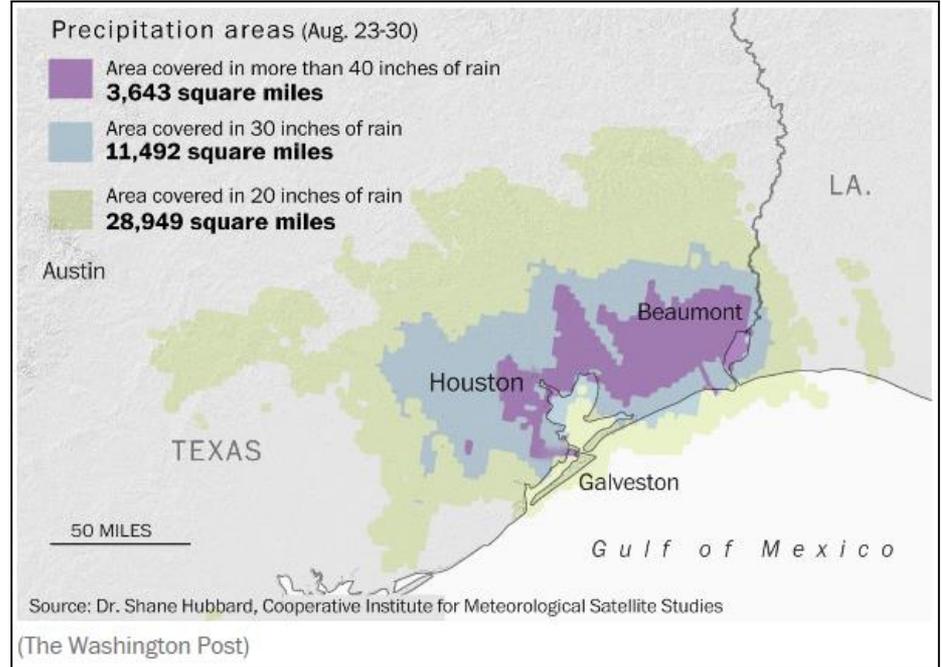
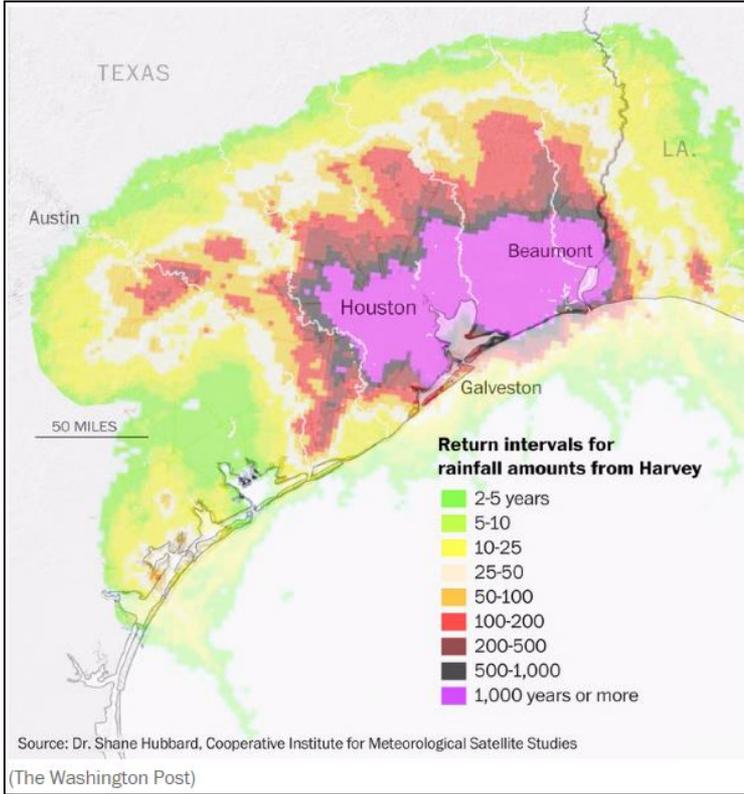
The coastal cities of Beaumont and Port Arthur got pummeled with **26 inches of rain in 24 hours**¹

Estimates put total losses at as much as **\$75 billion**¹



¹ <http://www.cnn.com/specials/us/hurricane-harvey>

Hurricane Harvey Rainfall



**Harvey is a 1,000-year flood event
unprecedented in scale**

— The Washington Post, Aug. 31, 2017



Hurricane Harvey



Downtown Houston



Houston Englewood Yard



Brazos River Bridge



Baytown

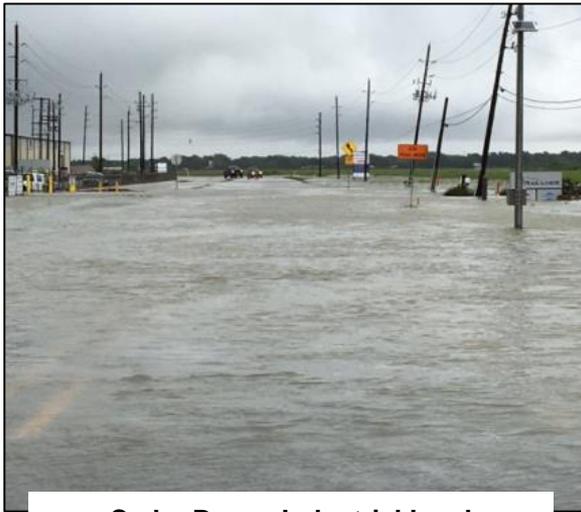


Hurricane Harvey





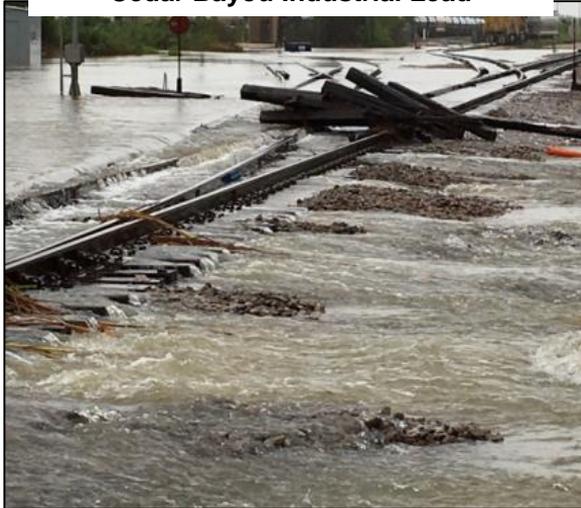
Hurricane Harvey



Cedar Bayou Industrial Lead



Near Giddings



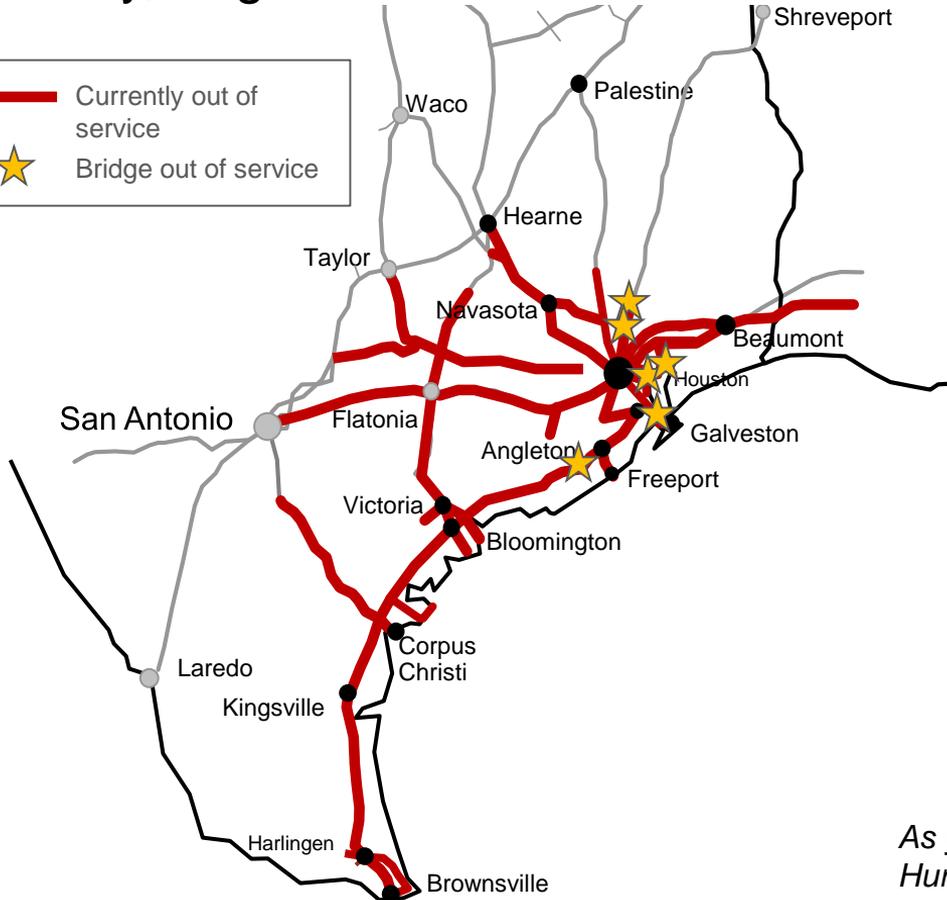
Cedar Bayou near Baytown, Texas

Houston Area Route Status

Monday, August 28



— Currently out of service
★ Bridge out of service



Total **1,750**
miles out of service

2,440 route miles impacted

As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Houston Area Route Status

Tuesday, August 29



— Currently out of service
★ Bridge out of service



Total **1,480**
miles out of service

2,260 route miles impacted

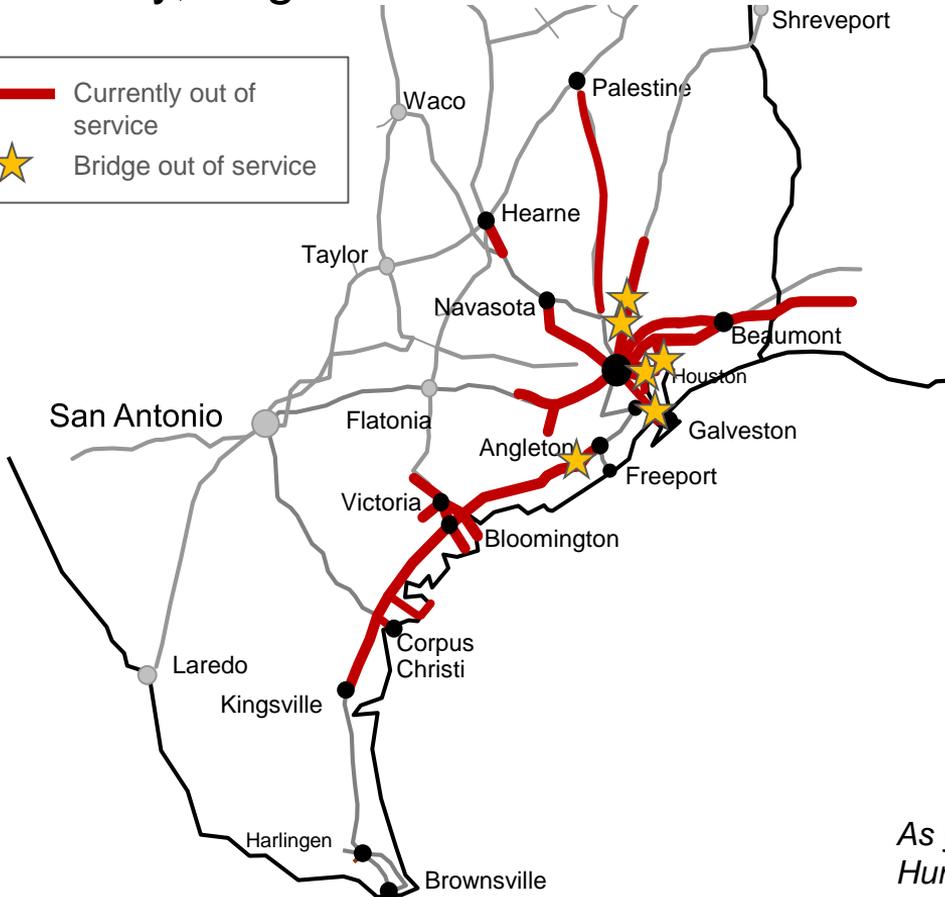
As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Houston Area Route Status

Thursday, August 31



— Currently out of service
★ Bridge out of service



Total **1,210**
miles out of service

2,020 route miles impacted

As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Houston Area Route Status

Friday, September 1



— Currently out of service

★ Bridge out of service



Total **910**
miles out of service

1,640 route miles impacted

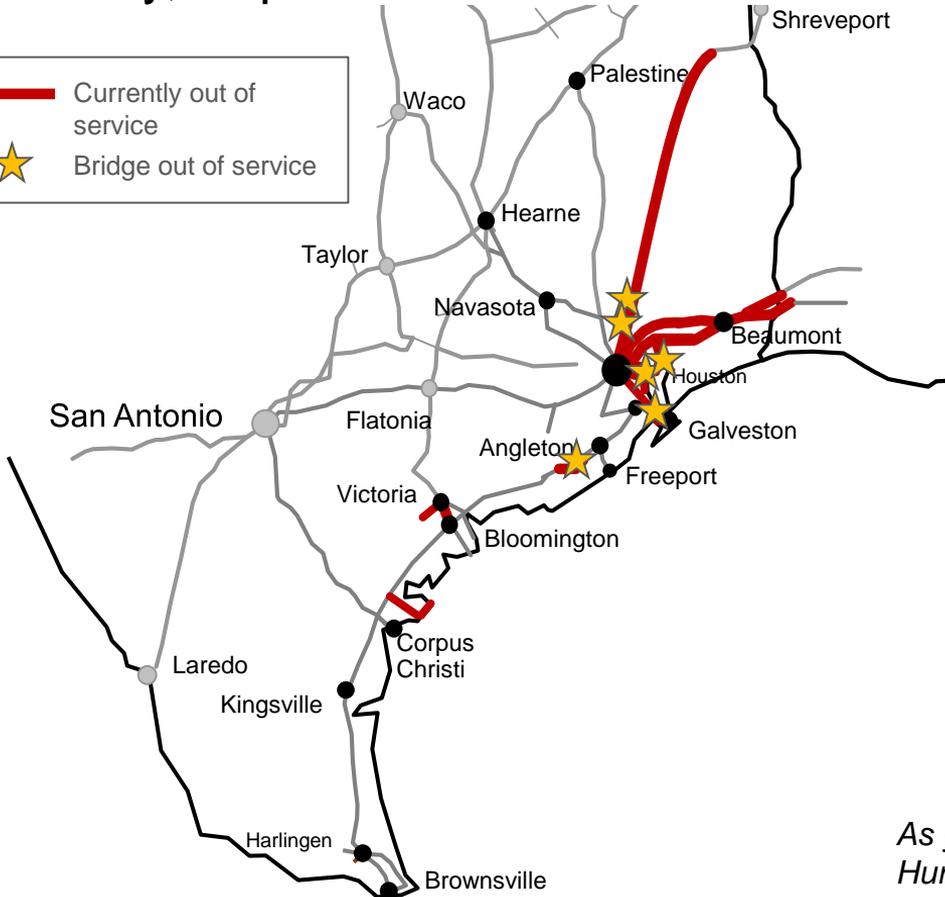
As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Houston Area Route Status

Saturday, September 2



— Currently out of service
★ Bridge out of service



Total **630**
miles out of service

1,060 route miles impacted

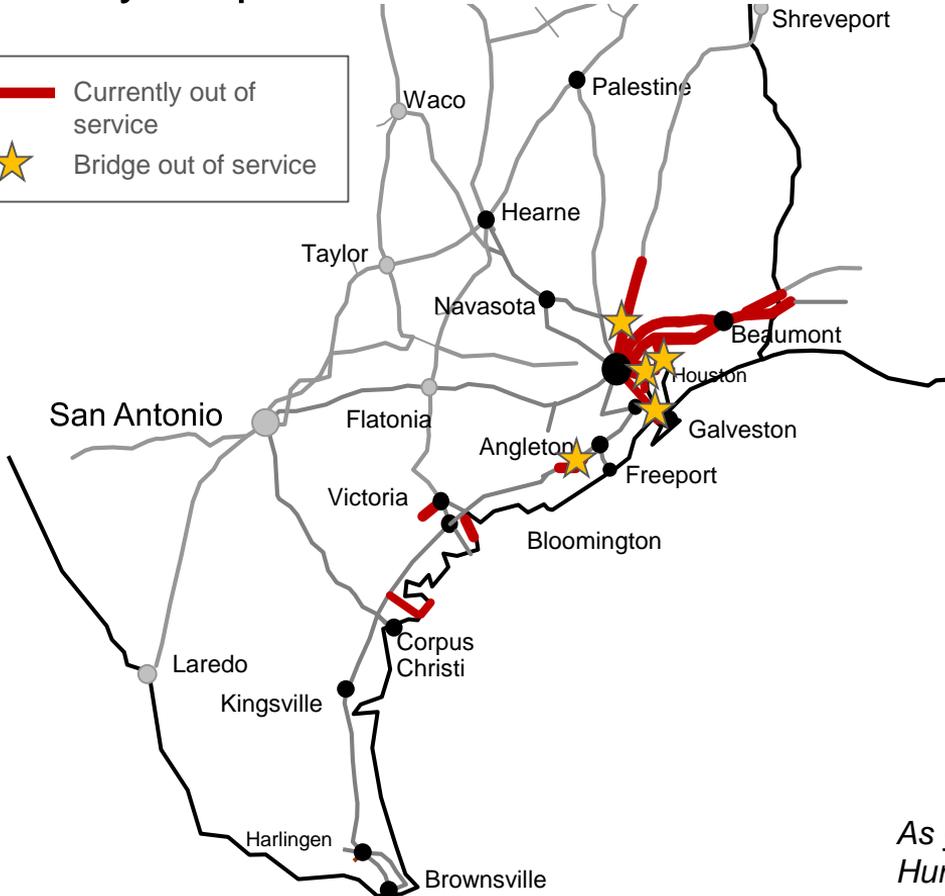
As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Houston Area Route Status

Monday, September 4



— Currently out of service
★ Bridge out of service



Total **400 miles** out of service

1,050 route miles impacted

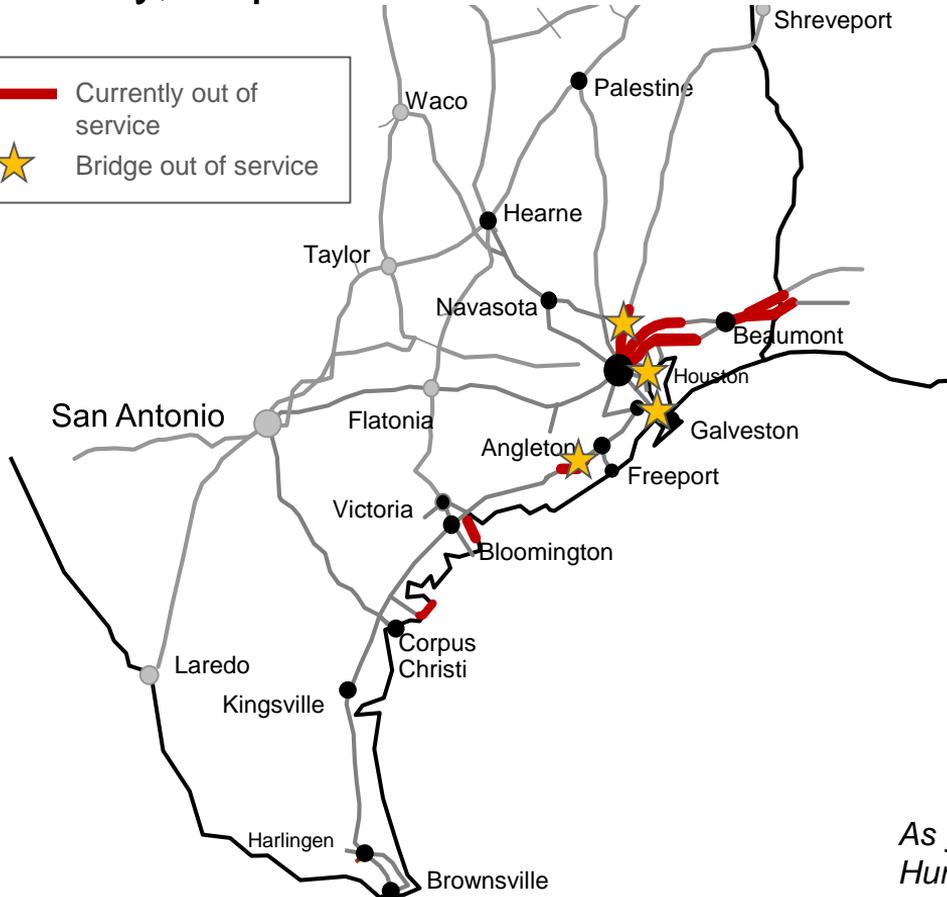
As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Houston Area Route Status

Tuesday, September 5



— Currently out of service
★ Bridge out of service



Total **250**
miles out of service

990 route miles impacted

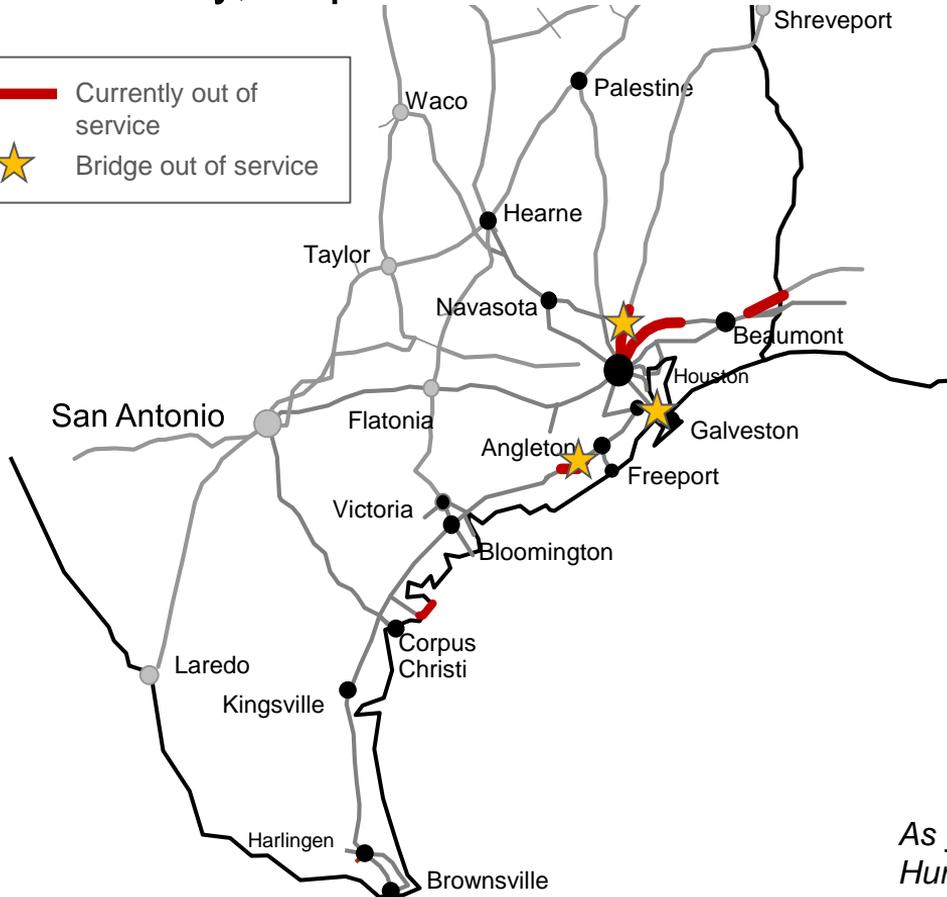
As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Houston Area Route Status

Wednesday, September 6



— Currently out of service
★ Bridge out of service



Total **110**
miles out of service

690 route miles impacted

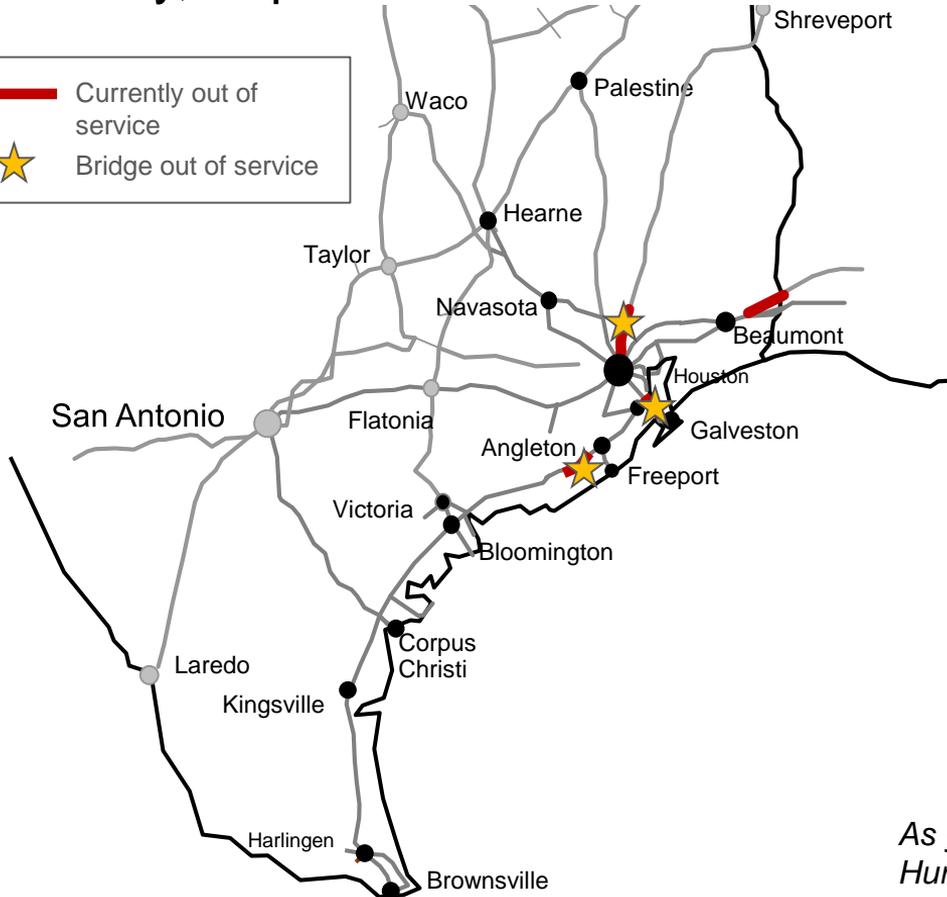
As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Houston Area Route Status

Thursday, September 7



— Currently out of service
★ Bridge out of service



Total **50 miles** out of service

420 route miles impacted

As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.

Hurricane Harvey Actions

As your facilities come back on line, please call our Hurricane Hotline at 800-365-6963 to notify our team.



Action plans implemented across the network to aid in the recovery process.

- Hurricane protocol implemented
 - Protect employee safety
- Proactively shut-down several subdivisions and yards
- Utilizing alternative routes
- Spring dispatching moved to Omaha
- Houston-area embargoes
- Ongoing communications to customers via email, up.com, Twitter, etc.



Union Pacific is committed to a full flood recovery so we can ship your products as safely and efficiently as possible.