

SUMMARY OF PERMITS, MITIGATION, AND COMMITMENTS

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Prior to the construction of the LA 70 Detour Route Preferred Alternative, the following actions will be required:

- Preliminary and Final design (including studies required to complete the design, *i.e.*, geotechnical, *etc.*)
- Development of a construction sequencing and traffic management plan
- Acquisition of right-of-way (ROW)
- Obtain permits for construction
- Utility relocations
- Fulfillment of commitments and mitigation

PERMITS

Permits required to be obtained prior to construction of the Preferred Alternative include:

- United States Army Corps of Engineers (USACE) Section 404 Permit
- Louisiana Department of Natural Resources (LDNR) Coastal Use Permit (CUP) for activities in the coastal zone
- Louisiana Department of Environmental Quality (LDEQ) Water Quality Certification under Section 401 of the Clean Water Act in support of the Section 404 Permit
- LDEQ Louisiana Pollutant Discharge Elimination System (LPDES) Storm Water Discharge Permit for Construction Activities (greater than 5 acres)
- Assumption Parish construction permit for roadway construction, as applicable
- Assumption Parish cell tower permit for the removal and replacement of the existing cellular tower, if needed

COMMITMENTS AND MITIGATION

The following permits, commitments, and mitigation will be implemented by the DOTD to ensure that adverse environmental impacts as a result of the project are avoided or minimized to the maximum extent practicable.

Utility Relocation

Utilities that may require relocation or mitigation for the construction of the Preferred Alternative are defined on the following table along with the length of conflict. All ROW purchased will be in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (the Uniform Act). This includes the AT&T cellular tower. These purchases will be based on fair market value as determined by local, recent real estate transactions as approved by the DOTD.

SPN H.010571.2 – SUMMARY OF PERMITS, MITIGATION, AND COMMITMENTS

UTILITIES POTENTIALLY IMPACTED BY THE PREFERRED ALTERNATIVE

Owner/Operator	Contents	Pipe Diameter (inches)	Conflict Length (linear feet)
Assumption Parish	Water	6	1,187.6
Assumption Parish	Water	14	1,187.6
Assumption Parish	Water	4	81.0
AT&T	Buried Telecommunications Cable	-	1,187.6
AT&T/American Tower	Cellular Tower	-	-
Bridgeline Holdings	Natural Gas	24	96.0
Bridgeline Holdings	Natural Gas	24	96.0
Bridgeline Holdings	Natural Gas	24	63.7
Bridgeline Holdings	Natural Gas	24	63.8
Bridgeline Holdings	Water	12	65.1
Bridgeline Holdings	Water	12	64.5
EnLink Midstream	Highly Volatile Liquid	10	96.7
EnLink Midstream	Highly Volatile Liquid	6	96.5
EnLink Midstream	Natural Gas (Abandoned)	36	108.6
Energy/AT&T	Overhead Electric/Telecom	-	96.0
Energy/AT&T/Allen's	Overhead Electric/Telecom/Cable	-	1,188.7
Energy/AT&T/Allen's	Overhead Electric/Telecom/Cable	-	1,945.3
Enterprise Products	Highly Volatile Liquid	12	63.1
Enterprise Products	Highly Volatile Liquid	8	59.6
Enterprise Products	Highly Volatile Liquid	8	60.4
Enterprise Products	Natural Gas	12	96.0
Enterprise Products	Natural Gas (Abandoned)	20	109.5
Enterprise Products	Natural Gas (Abandoned)	20	108.8
Enterprise Products	Natural Gas (Proposed)	20	49.9
Texas Brine Company	Brine	12	96.0
Texas Brine Company	Brine	12	163.0
Texas Brine Company	Brine (Abandoned)	10	96.0
TOTAL			8,527.3

NOTES:

1. Utility line locations were estimated based on available data from the Detour Feasibility Study and through contact with the various utility companies. This data should not be used for construction purposes and a detailed survey will need to be conducted during final design.

Wildlife

In accordance with the United States Fish and Wildlife Service and Louisiana Department of Wildlife and Fisheries (LDWF), wading and nesting bird surveys will be conducted in the construction ROW no sooner than two-weeks prior to construction. The LDWF will be consulted if construction activities will come within 400 meters of nesting colonies, or within 700 meters of brown pelican nesting colonies.

Wetlands

Jurisdictional wetlands were identified within the proposed ROW of the Preferred Alternative. A request for jurisdictional determination from the USACE was submitted on June 16, 2014 and approved dated August 11, 2014. Prior to obtaining a permit, compensatory mitigation will be required for wetland impacts as a result of the proposed project. An approved mitigation plan will be prepared to offset losses of wetland acreage. The required mitigation will be determined during the USACE Section 404 Permit process. In addition, impacts to wetlands will be minimized through adherence to the Louisiana Standard Specifications for Roads and Bridges, 2006 edition.

Significant Trees

There is a potential for significant trees to be located in the project area. During design, their locations will be identified on the final plans in accordance with the DOTD Engineering Directives and Standards, Treatment of Significant Trees in DOTD Right-of-Way (EDSM No: I.1.1.21). DOTD will accommodate these trees where practical.

Best Management Practices (BMPs)

BMPs will be utilized during construction to mitigate nonpoint source pollution. The types of BMPs will be defined in the Storm Water Pollution Prevention Plan required to be developed as part of the construction-related LPDES permit. Any BMPs defined as conditions in the Section 404/CUP permit will also be followed.

Cultural Resources

Should any significant or Native American cultural resources be unearthed during construction, the Louisiana Department of Culture, Recreation, and Tourism, Offices of Archaeology and Historic Preservation as well as the Jena Band of Choctaw Indians and the Choctaw Nation of Oklahoma will be contacted immediately. Construction will cease in the area of the discovery until a plan is developed for the recovery of the resources in accordance with section 107.27 of the Louisiana Standard Specifications for Roads and Bridges, 2006 edition.

Right-of-Way Acquisition

All right-of-way (ROW) purchased will be in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (the Uniform Act) and will

SPN H.010571.2 – SUMMARY OF PERMITS, MITIGATION, AND COMMITMENTS

be based on fair market value as determined by local, recent real estate transactions as approved by the DOTD.

Six Observation Relief Wells located within 160 feet of the proposed ROW will be required to be plugged and abandoned in accordance with the LDNR Office of Conservation requirements. DOTD will be responsible for coordinating with the LDNR, the well owner, to determine feasibility of plugging and abandoning these wells.

The potential exists for a former well site and well pit to be within the proposed ROW of the detour route. During final design, a Phase II Site Investigation/Assessment will be conducted to assess whether the site represents an environmental liability concern that requires remediation prior to construction. Remediation of the site will be conducted, if required.

Floodplains

Hydrologic and hydraulic studies will be conducted during final design to ensure the construction of the detour route results in no increase in flood elevation on surrounding properties.

Construction

Construction equipment will be properly muffled and all motor panels will be closed to minimize the construction noise impacts to nearby areas. Fugitive dust control measures will be implemented during construction to minimize the potential release of particulate matter from the construction site. Such measures may include cover or treatment of disturbed areas with dust suppression techniques.