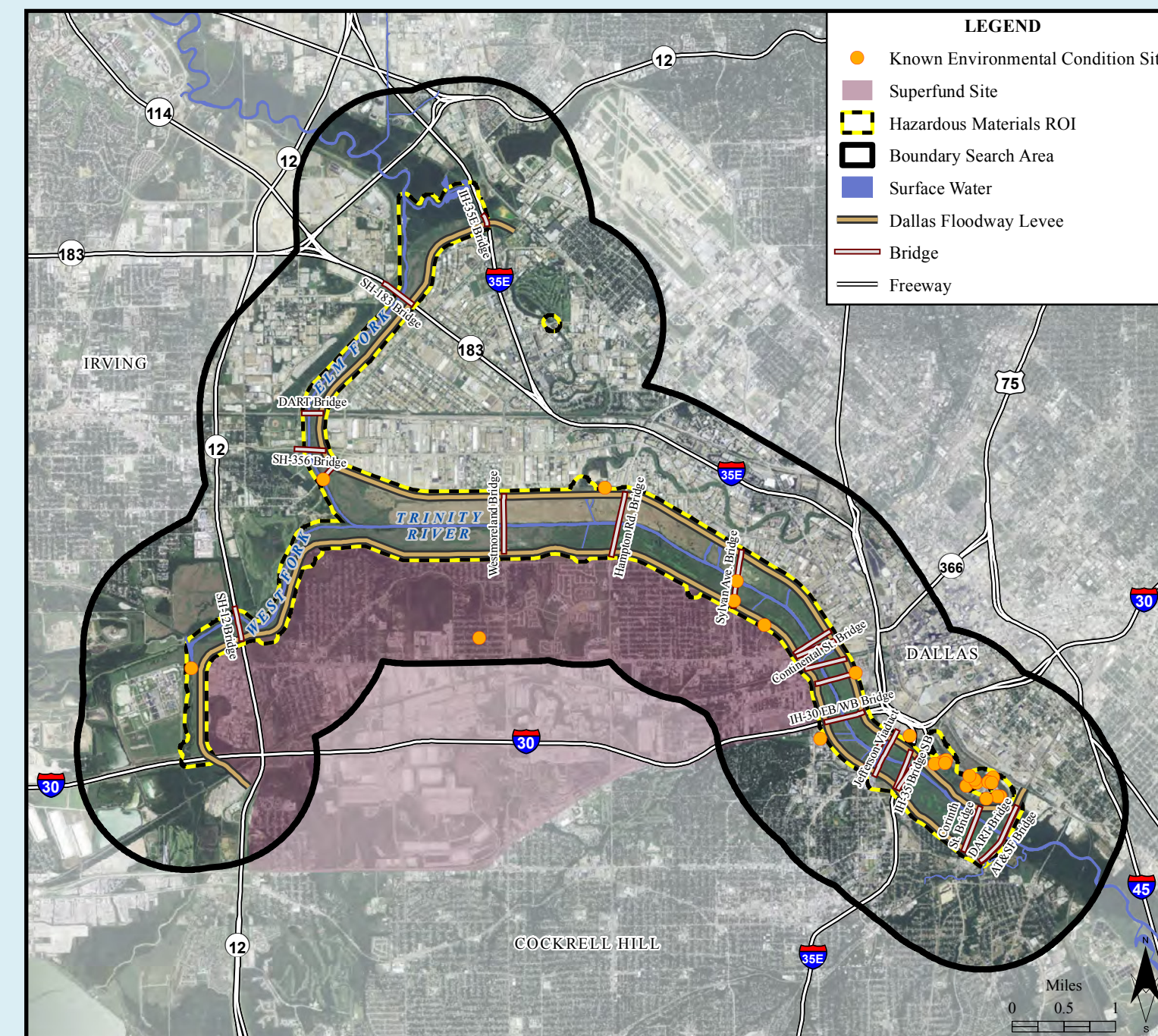


Environmental Consequences: Hazardous Materials and Wastes, Utilities, Air Quality, and Noise

HAZARDOUS MATERIALS AND WASTES

- ◆ **Impact Summary:**
Less than significant impacts
- ◆ Known environmental contamination would be avoided.
- ◆ Based on previous sampling, the soil proposed for use as borrow material would be acceptable for use under Texas Risk Reduction Program Tier 1 Residential standards.



Sites with Known Environmental Conditions

UTILITIES

- ◆ **Impact Summary:**
Beneficial impacts
- ◆ Any impacts to utility services during construction would be temporary and communicated to customers ahead of the temporary outage.
- ◆ The proposed Interior Drainage Plan (IDP) improvements would substantially increase the level of stormwater conveyance.
- ◆ A slight increase in utility demand would be met by utility providers and Balanced Vision Plan Study features (e.g., solar panels).
- ◆ The proposed IDP improvements would substantially increase the level of stormwater conveyance.



Charlie Pump Station

AIR QUALITY

- ◆ **Impact Summary:**
Significant adverse impacts during construction; Less than significant impacts during operation
- ◆ Oxides of nitrogen (NO_x) emissions generated by construction activities would exceed regulatory *de minimis* thresholds.
- ◆ No substantial long-term increase in mobile or stationary source emissions would occur.

Annual Summary of Estimated VOC and NO_x Emissions from Implementation of the Proposed Action and Comparison to GCR *de minimis* Thresholds

Year	Estimated Emissions (in tons per year)	
	VOCs	NO _x
2016	1.51	13.08
2017	25.84	202.54
2018	20.85	166.57
2019	48.84	445.80
2020	45.55	390.87
2021	41.93	368.78
2022	38.35	341.86
2023	32.48	301.82
2024	33.87	323.21
2025	18.91	151.30
2026	35.19	310.79
2027	36.04	342.61
2028	4.36	34.03
2029	1.45	11.55
<i>de minimis</i> Thresholds	50	50
Exceeds <i>de minimis</i> Thresholds?	No	Yes

Note: Bolded values represent years where exceedances of the GCR thresholds would occur. GCR = General Conformity Rule; VOC = volatile organic compound; NO_x = oxides of nitrogen.

NOISE

- ◆ **Impact Summary:**
Less than significant impacts
- ◆ Construction noise would be temporary, localized, and comply with the City of Dallas noise ordinance. Construction activities are removed from sensitive noise receptors.
- ◆ Operational increases in ambient noise levels would be relatively minor, temporary, and consistent with existing conditions.



Construction at the Pavaho Pump Station

Temporary construction noise anticipated from the proposed IDP improvements would be similar to those made during the construction of the Pavaho Pump Station, which is now complete. The Pavaho Pump Station is operational, and is not part of the Proposed Action analyzed in the Environmental Impact Statement.

