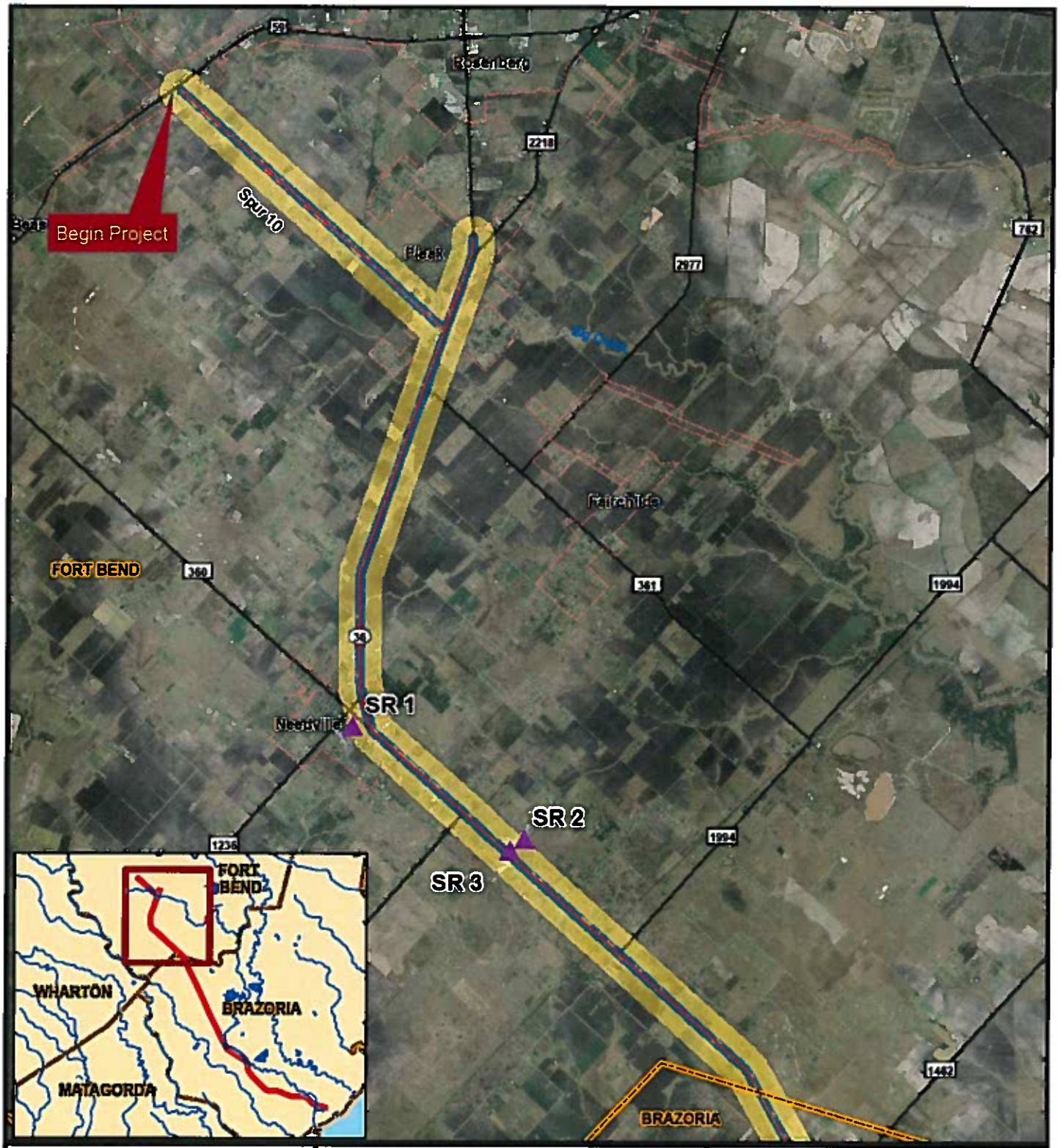


Legend

- Project Location
- US Highway
- State Highway
- FM Road
- State Parks
- County Boundary
- City Boundary
- 100-m Buffer
- 500-m Buffer
- Sensitive Receptor (SR)

Texas Department of Transportation

BASE MAP SOURCE: Aerials, H-GAC 2006

N

0 5,000 10,000 Feet

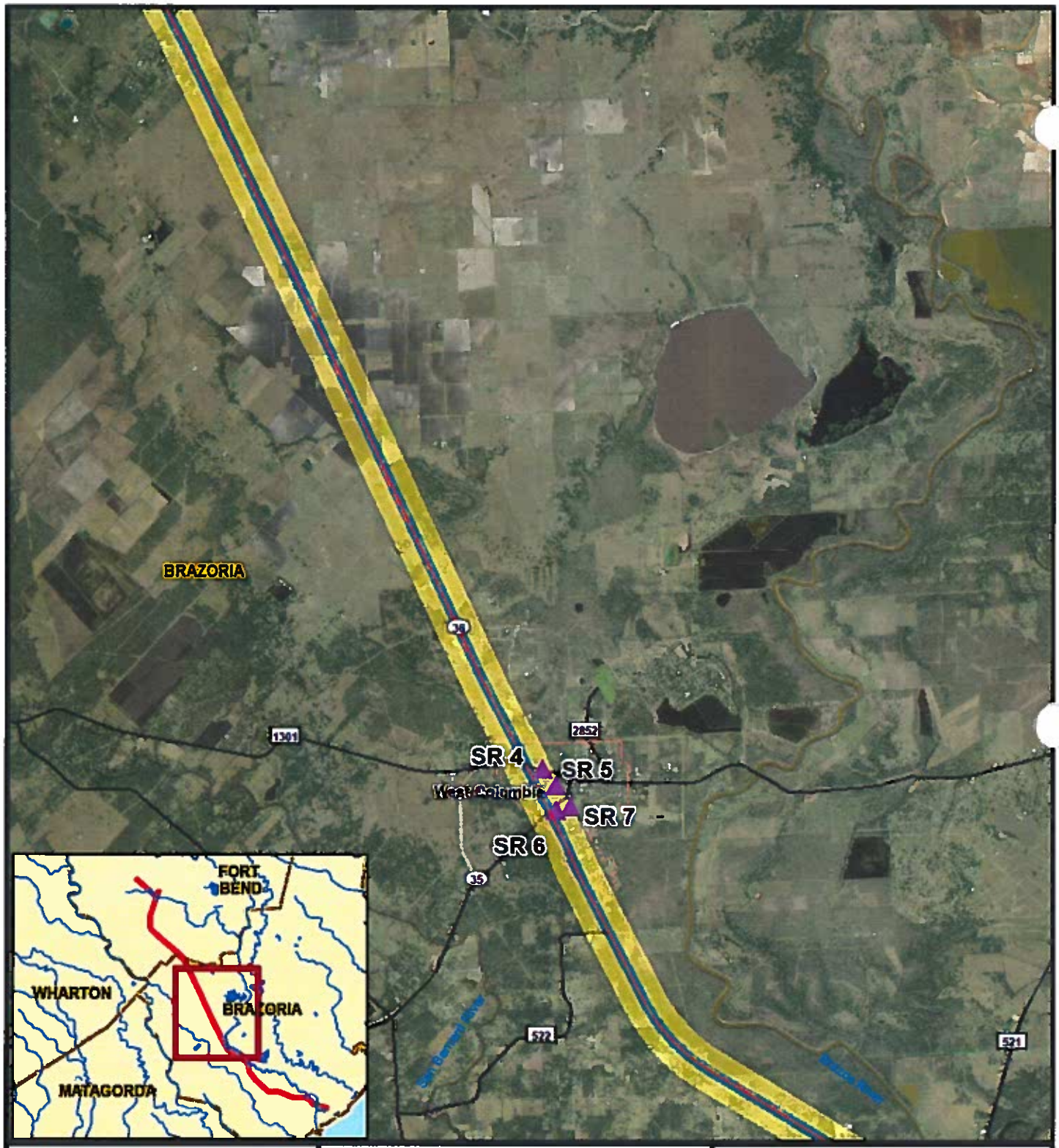
EXHIBIT 6
MSATs SENSITIVE RECEPTOR MAP

SHEET 1 of 3

TEXAS DEPARTMENT OF TRANSPORTATION
SH 36 / SPUR 10 ROADWAY IMPROVEMENTS

FORT BEND AND BRAZORIA COUNTIES, TEXAS

CSJs: 0187-05-050; 0188-02-029; 0188-03-019; 0188-04-035; 0188-04-025; 0188-05-027; 0188-06-046; 0111-08-100; 0187-05-048; 0188-02-036



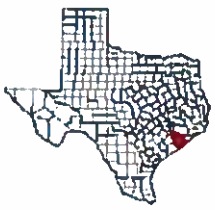
Legend

- Project Location
- US Highway
- State Highway
- FM Road
- State Parks
- County Boundary
- City Boundary
- 100-m Buffer
- 500-m Buffer
- Sensitive Receptor (SR)

Texas Department of Transportation

BASE MAP SOURCE: Aerials, H-GAC 2006

N



0 5,000 10,000 Feet

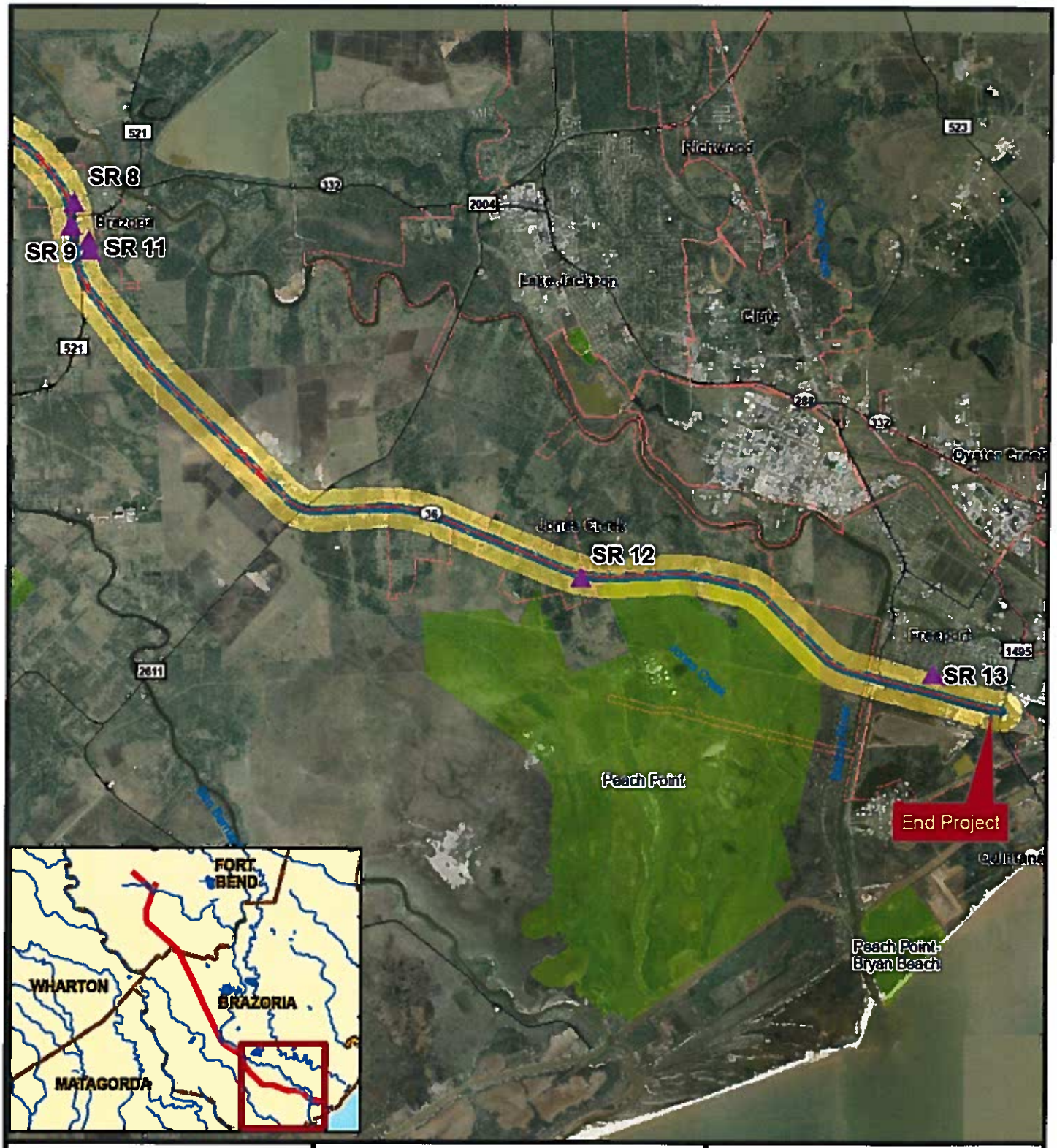
EXHIBIT 6
MSATs SENSITIVE RECEPTOR MAP

SHEET 2 of 3

TEXAS DEPARTMENT OF TRANSPORTATION
SH 36 / SPUR 10 ROADWAY IMPROVEMENTS

FORT BEND AND BRAZORIA COUNTIES, TEXAS

CSJs: 0187-05-050; 0188-02-029; 0188-03-019; 0188-04-035; 0188-04-025; 0188-05-027; 0188-06-046; 0111-08-100; 0187-05-048; 0188-02-036



Legend

- Project Location
- US Highway
- State Highway
- FM Road
- State Parks
- County Boundary
- City Boundary
- 100-m Buffer
- 500-m Buffer
- Sensitive Receptor (SR)

Texas Department of Transportation

BASE MAP SOURCE: Aerials, H-GAC 2006

N

0 5,000 10,000 Feet

EXHIBIT 6
MSATs SENSITIVE RECEPTOR MAP

SHEET 3 of 3

TEXAS DEPARTMENT OF TRANSPORTATION
SH 36 / SPUR 10 ROADWAY IMPROVEMENTS

FORT BEND AND BRAZORIA COUNTIES, TEXAS

CSJs: 0187-05-050; 0188-02-029; 0188-03-019; 0188-04-035; 0188-04-025; 0188-05-027; 0188-06-046; 0111-08-100; 0187-05-048; 0188-02-036

APPENDIX A:
Supporting Documentation

Works Cited

WORKS CITED

Dallas Morning News. 2003. *Texas Almanac 2002-2003* Page 141.

Croccer, Robert. 2007. Telephone conversation with Karen Coopersmith. June 5.

US Environmental Protection Agency (EPA). 1999. *Storm Water Technology Fact Sheet: Wet Detention Ponds*. EPA 832-F-99-048 http://www.epa.gov/owm/mtb/wetdtnpn.pdf

Greater Fort Bend Economic Development Council. 2006 www.fortbendcounty.org/

Houston-Galveston Area Council (H-GAC). 2000. *Small Area Allocation Forecast 1990-2025.*

Houston-Galveston Area Council (H-GAC) *Regional Analysis Zone Land Use Estimates*. 1999.

Houston-Galveston Area Council (H-GAC). 2006. *21035 Regional Growth Forecast.* http://www.h-gac.com

Houston-Galveston Area Council (H-GAC). 2006. *2006 Texas Metropolitan Mobility Plan.* *http://www.h-gac.com/HGAC/Departments/Transportation/Publications/Publications.htm*

McMahan, Craig A., Roy G. Frye, and Kirby L. Brown. 1984. *The Vegetation Types of Texas: Including Cropland*. Texas Parks and Wildlife Department. Austin, Texas.

National Cooperative Highway Research Program (NCHRP). 2002. Desk Reference for Estimating the Indirect Effects of Proposed Transportation Projects. NCHRP Report 466. National Academy Press, Washington D.C.

Port of Freeport. 2007. "Impact Statistics." http://www.portfreeport.com/stats.htm

The Nature Conservancy. 2003. *Strategic Conservation Plan for the Columbia Bottomlands.* Executive Summary.

Texas Parks and Wildlife Department. 2004. *Annotated List of Rare and Endangered Species – Fort Bend and Brazoria Counties.*

Texas Department of Transportation. 2006. *Guidance on Preparing Indirect and Cumulative Impact Analyses.*

Texas Transportation Institute (TTI). 2006. *Recommended Practices for Hurricane Evacuation Traffic Operations*. TxDOT. (http://tti.tamu.edu/documents/0-4962-P2.pdf)

Wright, Cheryl. 2006. *Levi Jordan Plantation – I heard it through the Grapevine: Oral Tradition in a Rural African American Community in Brazoria, Texas.* *http://www.webarchaeology.com/html/cherchur.htm*

U.S. Census Bureau American FactFinder. *Table P1, Total Population; Table P7, Hispanic or Latino by Race; Table P52, Household Income in 1999; and Table P53, Median Household Income in 1999;* Census 2000 Summary File 3, http://factfinder.census.gov/

U.S. Census Bureau American FactFinder. *Table H1, Housing Units.* Census 2000 Summary File 3. http://factfinder.census.gov/

U.S. Census Bureau. *Texas: Population of Counties by Decennial Census: 1900 to 1990.* 1995. http://www.census.gov/populkationmm/cencounmts/tx190090.txt

U.S. Department of Agriculture Soil Conservation Service in cooperation with the Brazoria County Commissioners Court and Texas Agricultural Experiment Station. 1981. *Soil Survey of Brazoria County, Texas.*

U.S. Department of Agriculture Soil Conservation Service in cooperation with the Texas Agriculture Experiment Station. 1960. *Soil Survey of Fort Bend County, Texas.*

U.S. Department of Transportation (USDOT) Order on Environmental Justice. 1997. *Federal Register:* April 15, 1997 (Volume 62, Number 72, pages 18377-18381). http://www.fhwa.dot.gov/environment/ejustice/dot_ord.htm

U.S. Environmental Protection Agency. 2006. *National Ambient Air Quality Standards (NAAQS).* http://epa.gov/air/criteria.html

Wright, Cheryl. 2006. *Levi Jordan Plantation – I heard it through the Grapevine: Oral Tradition in a Rural African American Community in Brazoria, Texas.* http://www.webarchaeology.com/html/cherchur.htm

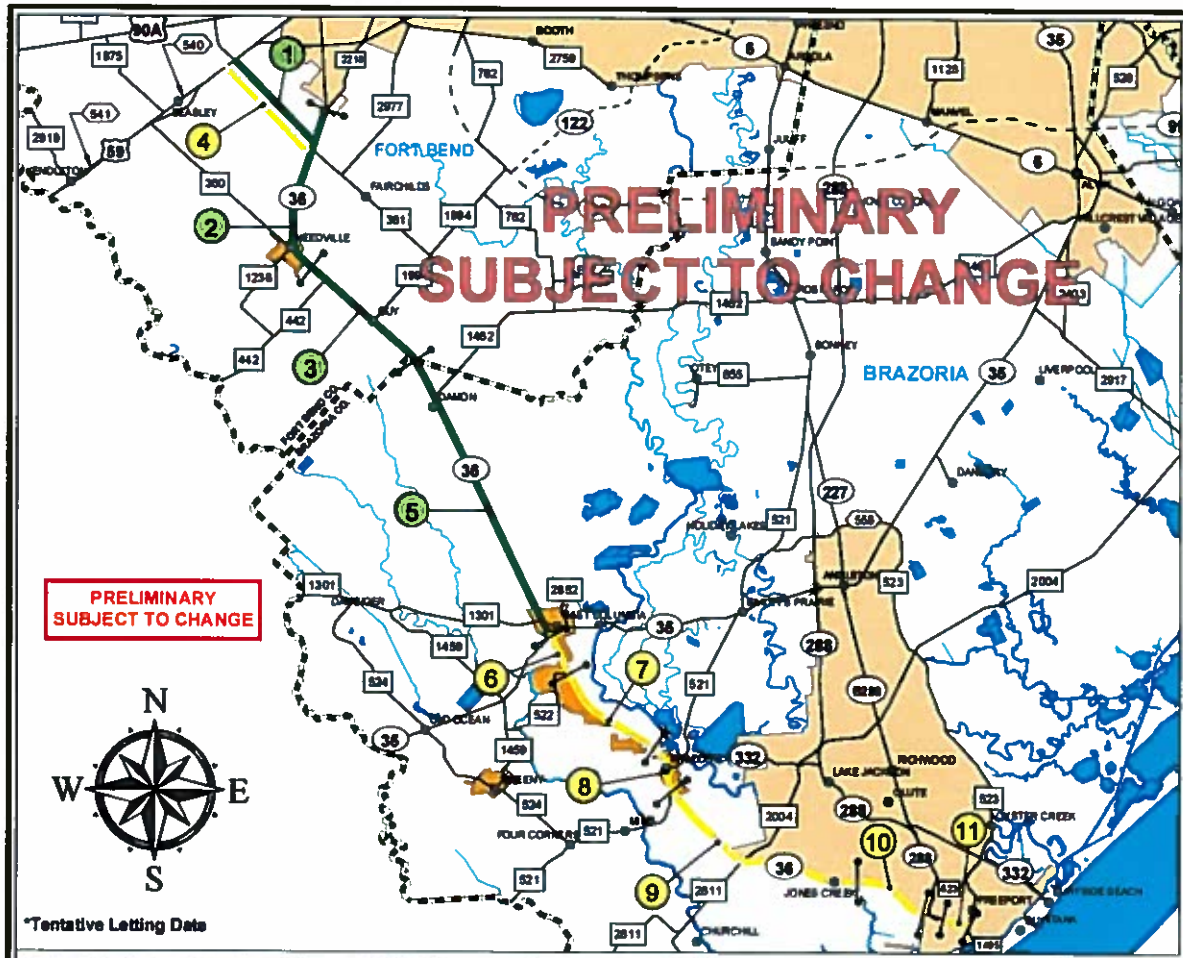
SH 36 Unified Transportation Program (Map and Letting Schedule)

STATE HIGHWAY 36

2007
UNIFIED TRANSPORTATION PROGRAM
TXDOT SYSTEM ONLY
HOUSTON DISTRICT

DISTRICT ENGINEER: Gary K. Trietsch P.E.

MOBILITY PROJECTS
CATEGORY: 4,7, & 11



*Tentative Letting Date

LEGEND

- Construct (Priority 1)
- Develop (Priority 2)
- Plan (Long Range Plan)
- Interchange/Grade Separation
- Urbanized Area > 50,000
- Urban Cluster < 50,000

Texas Department of Transportation

GIS TxDOT

* NOTES: 1. Estimated ROW Cost
2. Construction Costs are based on 2007 present dollar values

5.5 2.75 0 5.5 Miles

Plot Date: 08-30-07
Active Funds Authorization: 08-29-07
Engineer Contact: Roger Gonzalez

Sources

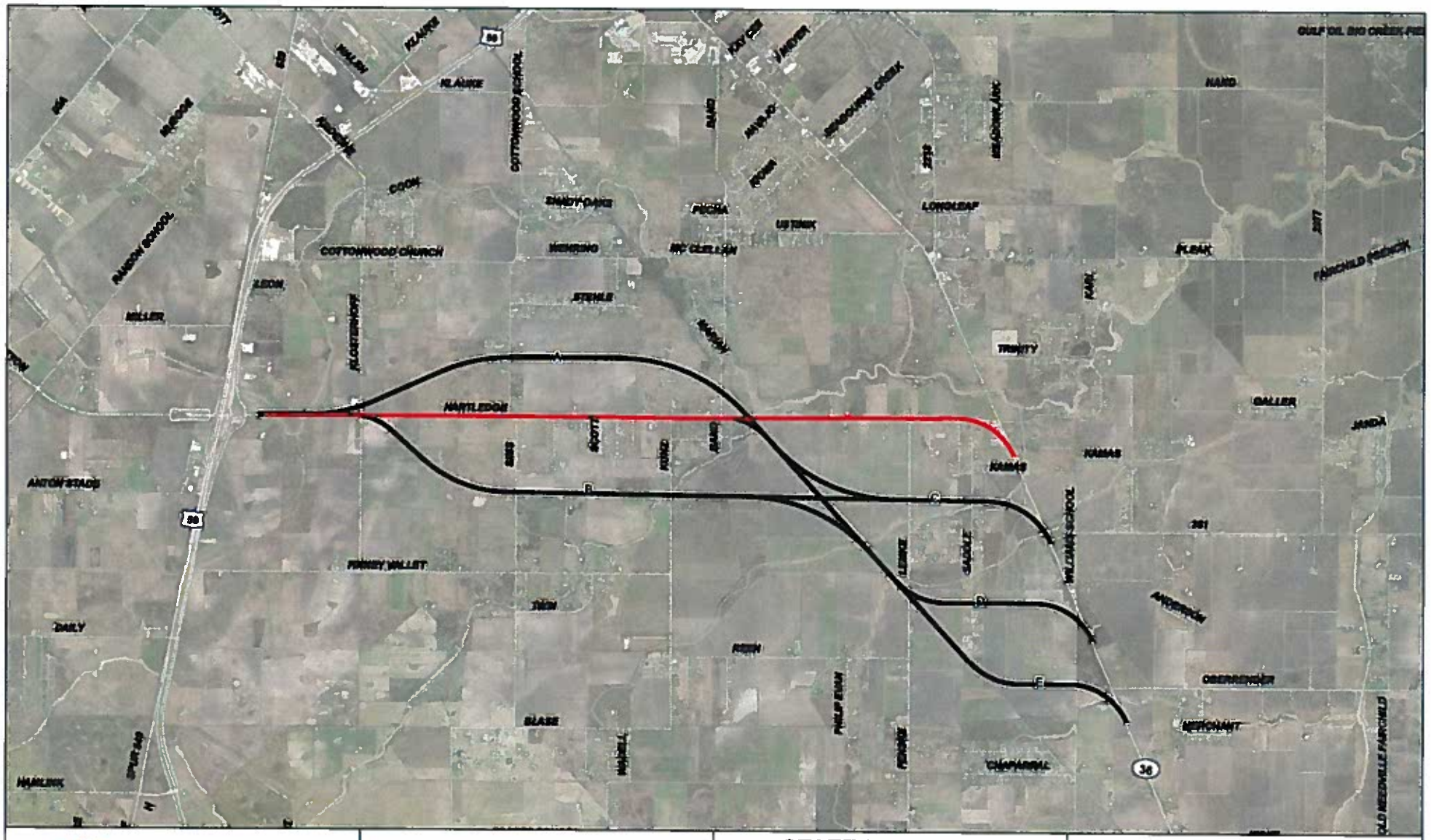
Base Maps Compiled, Developed and Maintained by the Information System Division using data provided by the Transportation Planning and Programming Division

Map Projection and Datum:
Texas State Mapping System (TSMS), NAD27

Created by: Larry B. Brown

NO.	COUNTY	HWY	CSJ	LOA	CATEGORY/AUTH $(M)	CONSULTANT	CONSL. EST. OR	BCIS LETTING	PS & E %	MAPPING AREA	LIMITS	LENGTH IN MILES	TYPE OF WORK	PRL ASSIGNMENT
1	Fort Bend	SP 10	0187-05-050	Construct	7 / $10.500	Brown & Gay	$ 24.766	09 / 2010	30%	100%	US 59 (S) to SH 36 (1.5 Miles South of Pleak)	4.750	Const. 2-Lane Rural on New Location (Phase 1)	PAT NWACHUKWU
2	Fort Bend	SH 36	0188-02-028	Construct	4 / $37.000	Brown & Gay	$ 57.800	09 / 2010	30%	85%	FM 2218 to South of Needville	8.000	Widen to 4-Lane Divided Rural	PAT NWACHUKWU
3	Fort Bend	SH 36	0188-02-038	Construct	4 / $22.000	Brown & Gay	$ 40.512	09 / 2010	30%	85%	South of Needville to Brazoria County Line	6.350	Widen to 4-Lane Divided Rural	PAT NWACHUKWU
4	Fort Bend	SP 10	0187-05-046	Develop	11 / $16.000	Brown & Gay	$ 21.920	03 / 2015	0%	100%	US 59 (S) to SH 36 (1.5 Miles South of Pleak)	4.750	Const. 4-Lane Rural Facility (Phase 2)	PAT NWACHUKWU
5	Brazoria	SH 36	0188-03-018	Construct	4 / $36.000	R.S.H.	$ 43.920	09 / 2010	90%	90%	Fort Bend County Line to SH 35	14.000	Widen to 4-Lane Divided Rural	PAT NWACHUKWU
6	Brazoria	SH 36	0188-04-035	Develop	11 / $ 7.000	Area Office	$ 14.640	09 / 2010	10%	100%	SH 35 to FM 522	1.880	Widen to 4-Lane Divided Rural	HECKATHORN
7	Brazoria	SH 36	0188-04-025	Develop	11 / $24.479	Area Office	$ 30.500	09 / 2010	40%	85%	FM 522 to 1.13 Miles North of SH 332	5.161	Widen to 4-Lane Divided Rural	HECKATHORN
8	Brazoria	SH 36	0188-04-044	Develop	11 / $ 2.800	Area Office	$ 2.800	09 / 2010	0%	0%	2.40 Miles N. of SH 332 to S. of FM 521	3.500	Widen and restripe to 4-Lane through city of Brazoria	HECKATHORN
9	Brazoria	SH 36	0188-05-027	Develop	11 / $36.000	T.C. & B.	$ 48.800	09 / 2010	85%	85%	South of Brazoria to South of Jones Creek Bridge	9.644	Widen to 4-Lane Divided Rural	SAID HAJ-KAHLIL
10	Brazoria	SH 36	0188-08-046	Develop	11 / $11.000	Area Office	$ 12.200	09 / 2010	50%	95%	Jones Creek Bridge to 0.2 Mi N of Brazos River	2.941	Widen to 4-Lane Divided Rural	HECKATHORN
11	Brazoria	SH 36	0111-08-100	Develop	7 / $ 4.883	Area Office	$ 5.446	10 / 2010	50%	95%	0.9 Miles South of the Brazos River to FM 1495	1.246	Widen to 4-Lane Divided Rural	HECKATHORN

Spur 10 Study Area Route Alternatives



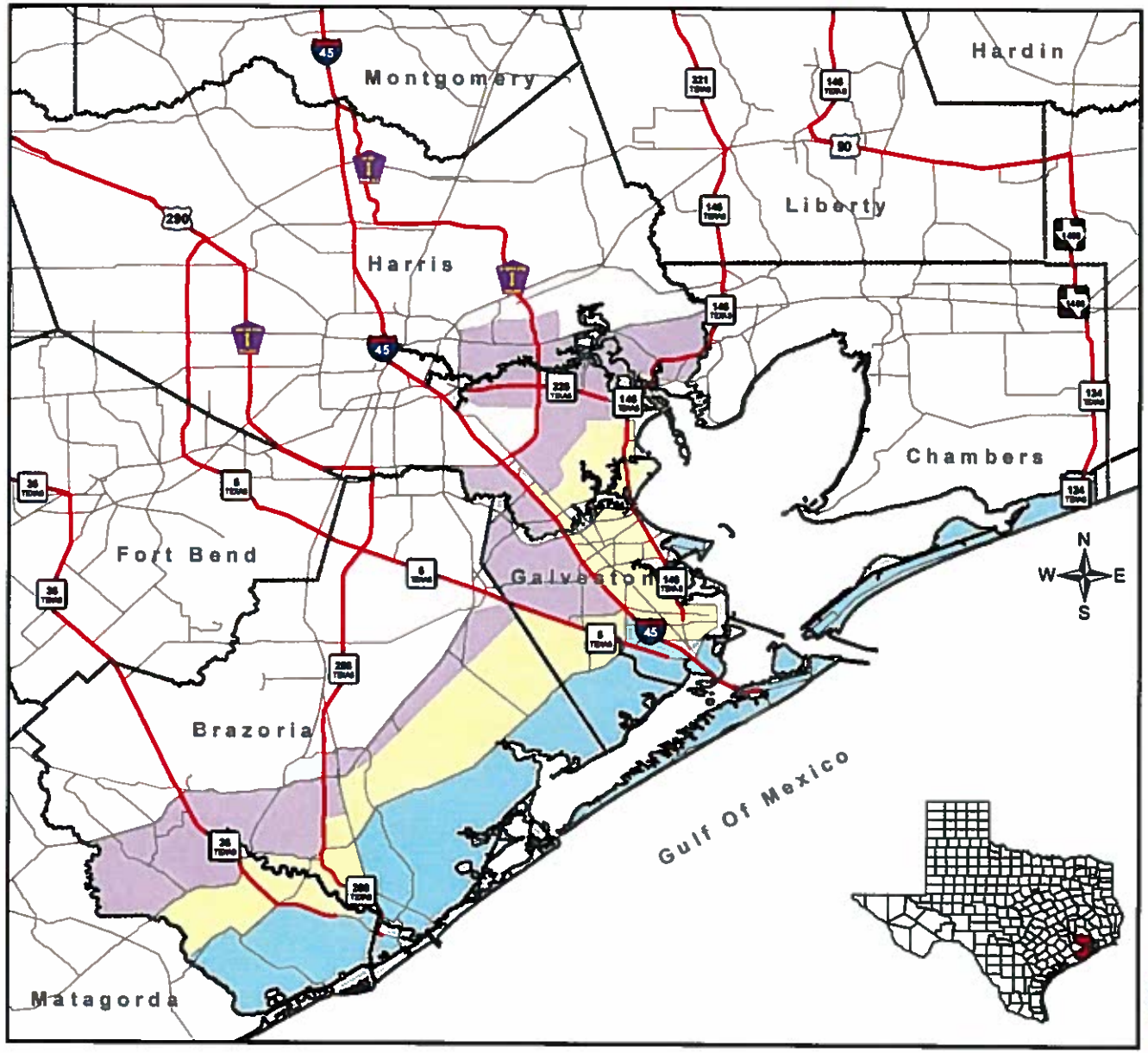
Texas Department of Transportation

0 3,000 6,000
Feet

STATE HIGHWAY 36
FM 2218 TO FM 1495
SPUR 10 (Hartledge Road)
US 59 (S) to SH 36

SPUR 10 STUDY AREA ROUTE ALTERNATIVES

Brazoria County Hurricane Risk Area Map



Brazoria/Galveston/Harris County

Evacuation Zones

Zone A	Category 1-2 Hurricane
Zone B	Category 3 Hurricane
Zone C	Category 4-5 Hurricane

Evacuation Routes

Saffir Simpson Scale

Hurricane Category	Windspeed (MPH)
1	74-95
2	96-110
3	111-130
4	131-155
5	>155

Hurricane Evacuation Information

Find the location of your home on the map and note the evacuation zone where it is located. If you are in the BLUE ZONE (A), plan to evacuate for all hurricanes. Those in the YELLOW ZONE (B) should plan to evacuate for Category 3, 4 or 5 storms. If you live in the PURPLE ZONE (C), you should plan to evacuate for a Category 4 or 5 hurricane.

If you live near an evacuation zone boundary and are unsure of the evacuation zone you are in, error on the side of caution and assume you are in the zone nearest the coast. If you live in a mobile home in any of the three evacuation zones, plan to evacuate any time a hurricane threatens.

The main evacuation routes are highlighted in red on the map. These routes will take you out of the area of immediate danger to safety and shelter further inland. When a hurricane threatens, listen for instructions from local officals on how and when to evacuate and follow those instructions.

FEMA

US Army Corps of Engineers

5/2005

Environmental Constraints Comparative Evaluation Presented at November 2000 Public Meetings

SH 36 Environmental Constraints Preferred Alignment Presented at April 2001 Public Meetings

Environmental Constraints Comparative Evaluation
Presented at the November 2000 Public Meetings

SECTION 1

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SPUR 10 FROM US 59 TO SH 36
STATION 000+00 TO STATION 265+49

Environmental Constraint	220 feet of Right-of-Way					150 feet of ROW	
	Alignment A	Alignment B	Alignment C	Alignment D	Alignment E	Hartledge Road North of Railroad	Hartledge Road South of Railroad
Additional Right-of-Way Required (acres)	95.82	91.77	51.23	64.92	71.01	25.51	22.31
Prime Farmland Soils (acres)	50.55	57.50	51.23	64.92	71.01	11.32	22.31
Stream Crossings (number)	3	4	3	3	4	3	1
100-year Floodplains (acres)	12.71	18.11	4.14	0	0	2.37	8.71
Wetlands (NWI) (acres)	0.11	0.31	0	1.20	0.19	0.01	0
Potential Archaeological Zones (acres)	27.62	34.04	31.68	30.14	21.53	3.47	16.53
Potential Historic Structures within 1,300 feet of ROW (number)	4	4	1	1	3	4	3
Building Displacements (number)	1	0	2	2	1	8	15+
Hazardous Material Sites (number)	0	0	0	0	0	0	1

SECTION 1

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION-ALTERNATIVES COMBINED
SPUR 10 FROM US 59 TO SH 36
STATION 000+00 TO STATION 265+49

Environmental Constraint	220 feet of ROW	220 feet of ROW	220 feet of ROW	220 feet of ROW	220 feet of ROW	220 feet 0of ROW	150 feet of ROW
	Alignment AC	Alignment AD	Alignment AE	Alignment BC	Alignment BD	Alignment BE	Hartledge Road Option
Additional Right-of-Way Required (acres)	148	163	175	142	141	158	81
Prime Farmland Soils (acres)	103	118	130	108	114	130	52
100-year Floodplains (acres)	17	13	13	22	11	12	11
National Wetland Inventory (acres)	0.1	1.3	0.3	0.3	1.5	0.5	0.01
Potential Archaeological Zones (acres)	59	57	49	66	52	48	20
Potential Historic Structures-within 1300 ft. of ROW (number)	5	5	7	5	5	7	7
Residential or Business Displacements (number)	1	2	1	1	2	1	10
Hazardous Material Sites (number)	0	0	0	0	0	0	1

SECTION 2

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM FM 2218 TO SPUR 10
STATION 250+00 TO STATION 310+00

Environmental Constraint	150 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	5.78	4.69	5.79
Prime Farmland Soils (acres)	3.87	2.98	3.96
Stream Crossings (number)	1	1	1
100-year Floodplains (acres)	6.17	7.29	5.90
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	5.92	7.73	7.16
Potential Historic Structures within 500 feet of ROW (number)	1	1	1
Building Displacements* (number)	11R 7B 0C 0S	11R 7B 0C 0S	10R 5B 0C 0S
Hazardous Material Sites (number)	0	1	1

* R = Residential, B = Business, C = Church, S = School

SECTION 3

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM SPUR 10 TO NORTH OF NEEDVILLE CITY LIMITS
STATION 310+00 TO STATION 572+00

Environmental Constraint	220 feet of ROW		
	East	Center	West
Additional Right-of-Way Required (acres)	77.61	71.65	77.86
Prime Farmland Soils (acres)	66.99	61.87	67.25
Stream Crossings (number)	4	4	4
100-year Floodplains (acres)	5.38	4.12	3.43
Wetlands (NWI) (acres)	1.07	1.37	1.21
Potential Archaeological Zones (acres)	27.03	25.86	27.04
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	11R 5B 0C 0S	Undetermined	14R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 4

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM NORTH OF NEEDVILLE CITY LIMITS THROUGH NEEDVILLE TO SOUTH OF NEEDVILLE FAIRCHILDS RD.
STATION 572+00 TO STATION 647+00

Environmental Constraint	120 feet of ROW		
	East	Center	West
Additional Right-of-Way Required (acres)	5.53	3.81	5.54
Prime Farmland Soils (acres)	0.24	0.16	0.24
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	0.00	0.00	.00
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	6R 12B 0C 0S	9R 10B 0C 0S	12R 9B 1C 0S
Hazardous Material Sites (number)	5	5	5

* R = Residential, B = Business, C = Church, S = School

SECTION 5

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM SOUTH OF NEEDVILLE FAIRCHILDS RD. TO NEEDVILLE HIGH SCHOOL
STATION 647+00 TO STATION 747+00

Environmental Constraint	150 feet of ROW		
	East	Center	West
Additional Right-of-Way Required (acres)	11.48	10.73	11.36
Prime Farmland Soils (acres)	1.32	1.09	0.86
Stream Crossings (number)	1	1	1
100-year Floodplains (acres)	0.05	0.00	0.00
Wetlands (NWI) (acres)	0.32	0.50	0.43
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	16R 5B 0C 0S	20R 3B 0C 0S	19R 5B 0C 0S
Hazardous Material Sites (number)	1	1	1

* R = Residential, B = Business, C = Church, S = School

SECTION 6

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM NEEDVILLE HIGH SCHOOL TO GUY
STATION 747+00 TO STATION 842+00

Environmental Constraint	150 feet of ROW		
	East	Center	West
Additional Right-of-Way Required (acres)	10.90	10.90	10.90
Prime Farmland Soils (acres)	3.45	3.72	3.81
Stream Crossings (number)	2	2	2
100-year Floodplains (acres)	0.19	0.47	0.63
Wetlands (NWI) (acres)	0.00	0.00	0.03
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	7R 3B 0C 0S	6R 2B 0C 0S	7R 2B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 7

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 THROUGH GUY
STATION 842+00 TO STATION 862+00

Environmental Constraint	150 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	2.30	2.26	2.23
Prime Farmland Soils (acres)	1.30	1.90	1.95
Stream Crossings (number)	1	1	1
100-year Floodplains (acres)	0.38	0.44	0.36
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	1	1	1
Building Displacements* (number)	2R 3B 0C 0S	1R 2B 0C 0S	2R 3B 0C 0S
Hazardous Material Sites (number)	1	1	1

* R = Residential, B = Business, C = Church, S = School

SECTION 8

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM SOUTH OF GUY TO THE FORT BEND/BRAZORIA COUNTY LINE
STATION 862+00 TO STATION 989+54

Environmental Constraint	220 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	38.22	35.19	38.00
Prime Farmland Soils (acres)	25.74	23.87	26.16
Stream Crossings (number)	1	1	1
100-year Floodplains (acres)	0.52	0.52	0.58
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	6R 1B 0C 0S	Undetermined	15R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 9

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM FORT BEND/BRAZORIA COUNTY LINE TO APPROX .25 MILES NORTH OF CO. RD. 15
STATION 0+00 TO STATION 122+00

Environmental Constraint	240 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	27.11	28.58	28.31
Prime Farmland Soils (acres)	5.73	4.44	3.43
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	0.00	0.00	0.00
Wetlands (NWI) (acres)	0.00	0.02	0.12
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	1R 4B 0C 0S	2R 4B 0C 0S	2R 3B 0C 0S
Hazardous Material Sites (number)	1	1	1

* R = Residential, B = Business, C = Church, S = School

SECTION 10

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM APPROX .25 MILES NORTH OF CO. RD. 15 TO APPROX. 1 MILE SOUTH OF CO. RD. 18
STATION 122+00 TO STATION 242+00

Environmental Constraint	240 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	26.73	28.12	19.25
Prime Farmland Soils (acres)	4.60	2.93	1.45
Stream Crossings (number)	2	2	2
100-year Floodplains (acres)	0.00	0.00	0.00
Wetlands (NWI) (acres)	1.96	0.86	0.09
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	1R 3B 0C 0S	1R 3B 0C 0S	0R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 11

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM APPROX. 1 MILE SOUTH OF CO. RD. 18 TO CO. RD. 485
STATION 242+00 TO STATION 362+00

Environmental Constraint	240 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	38.57	38.57	40.01
Prime Farmland Soils (acres)	24.09	21.33	20.05
Stream Crossings (number)	1	1	1
100-year Floodplains (acres)	0.00	0.00	0.00
Wetlands (NWI) (acres)	0.53	0.25	0.03
Potential Archaeological Zones (acres)	7.51	7.46	7.81
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	4R 0B 0C 0S	3R 2B 0C 0S	4R 3B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 12

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM CO. RD. 485 TO APPROX .5 MILES SOUTH OF VARNER CREEK CROSSING
STATION 362+00 TO STATION 482+00

Environmental Constraint	240 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	38.52	38.52	40.03
Prime Farmland Soils (acres)	35.74	36.36	38.54
Stream Crossings (number)	2	2	2
100-year Floodplains (acres)	1.08	0.87	0.81
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	13.78	13.81	13.69
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	0R 0B 0C 0S	2R 0B 0C 0S	1R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 13

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM APPROX .5 MILES SOUTH OF VARNER CREEK TO APPROX. .5 MILES SOUTH OF CO. RD. 483
STATION 482+00 TO STATION 602+00

Environmental Constraint	240 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	38.57	38.57	40.35
Prime Farmland Soils (acres)	12.19	16.23	22.60
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	0.32	0.10	0
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	13.19	13.22	13.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	0R 0B 0C 0S	0R 0B 0C 0S	0R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 14

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM APPROX. .5 MILES SOUTH OF CO. RD. 483 TO NORTH OF SH 35 INTERSECTION
STATION 602+00 TO STATION 725+00

Environmental Constraint	240 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	17.59	19.19	23.29
Prime Farmland Soils (acres)	0.01	0.95	2.44
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	0.00	0.00	0.00
Wetlands (NWI) (acres)	0.51	0.62	1.06
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	1R 2B 1C 0S	0R 4B 1C 0S	0R 2B 1C 0S
Hazardous Material Sites (number)	2	2	2

* R = Residential, B = Business, C = Church, S = School

SECTION 15

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM NORTH OF SH 35 INTERSECTION TO FM 522
STATION 725+00 TO STATION 835+00

Environmental Constraint	150 feet of Right-of-Way		
	East	Center	West
Additional Right-of-Way Required (acres)	0.00	0.00	0.00
Prime Farmland Soils (acres)	0.00	0.00	0.00
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	0.35	0.35	0.35
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	10.36	9.76	9.95
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	3R 2B 0C 0S	1R 2B 0C 0S	1R 2B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 16

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM FM 522 TO APPROX .25 MILES SOUTH OF CO. RD. 354
FM 522 TO STATION 1020+00

Environmental Constraint	Right-of-Way Varies		
	East	Center	West
Additional Right-of-Way Required (acres)	40.97	32.77	36.66
Prime Farmland Soils (acres)	40.97	32.77	36.66
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	10.02	1.97	0.58
Wetlands (NWI) (acres)	0.83	0.27	0.98
Potential Archaeological Zones (acres)	4.50	4.97	5.30
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	7R 4B 1C 0S	20R 2B 1C 0S	22R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 17

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM .25 MILES SOUTH OF CO. RD. 354 THROUGH BRAZORIA TO LAZY LANE
STATION 1020+00 TO STATION 1220+00

Environmental Constraint	Right-of-Way Varies			
	East	West	Center, One-Way Pair 100 foot ROW	Center, One-Way Pair with Interchange at SH 332 & FM 521
Additional Right-of-Way Required (acres)	24.42	22.51	29.79	32.55
Prime Farmland Soils (acres)	20.76	22.27	27.80	28.71
Stream Crossings (number)	0	0	0	0
100-year Floodplains (acres)	2.48	2.48	2.46	3.16
Wetlands (NWI) (acres)	0.00	0.00	0.00	0.00
Potential Archaeological Zones (acres)	12.85	13.00	13.82	13.53
Potential Historic Structures within 500 feet of ROW (number)	0	0	0	0
Building Displacements* (number)	8R 19B 0C 0S	17R 1B 0C 0S	20R 3B 0C 0S	20R 3B 1C 0S
Hazardous Material Sites (number)	7	7	7	7

* R = Residential, B = Business, C = Church, S = School

SECTION 18

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM LAZY LANE TO THE TDCJ FACILITIES
STATION 1220+00 TO STATION 1420+00

Environmental Constraint	Right-of-Way Varies		
	West	East	Center
Additional Right-of-Way Required (acres)	33.80	21.73	34.27
Prime Farmland Soils (acres)	33.80	21.73	34.27
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	0.00	0.00	0.00
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	8.40	8.44	8.35
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	5R 1B 0C 0S	4R 1B 0C 0S	7R 1B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 19

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM THE TDCJ FACILITIES TO SOUTH SIDE OF CO. RD. 304
STATION 1420+00 TO STATION 1620+00

Environmental Constraint	Right-of-Way Varies			
	East	Center	West	Center in Existing ROW
Additional Right-of-Way Required (acres)	48.71	46.58	48.76	43.82
Prime Farmland Soils (acres)	48.71	46.58	41.28	43.82
Stream Crossings (number)	0	0	0	0
100-year Floodplains (acres)	0.00	0.00	0.00	0.00
Wetlands (NWI) (acres)	0.00	0.05	0.42	0.04
Potential Archaeological Zones (acres)	6.18	6.22	6.07	6.05
Potential Historic Structures within 500 feet of ROW (number)	0	0	0	0
Building Displacements* (number)	2R 1B 0C 0S	9R 1B 0C 0S	20R 0B 0C 0S	6R 1B 0C 0S
Hazardous Material Sites (number)	0	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 20

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM THE SOUTH SIDE OF CO. RD. 304 TO SLAUGHTER RD.
STATION 1620+00 TO STATION 1820+00

Environmental Constraint	Right-of-Way Varies			
	East	Center	West	Center in Existing ROW
Additional Right-of-Way Required (acres)	40.52	23.35	39.90	10.38
Prime Farmland Soils (acres)	38.60	21.39	35.93	10.25
Stream Crossings (number)	1	1	1	1
100-year Floodplains (acres)	8.51	11.77	22.48	10.93
Wetlands (NWI) (acres)	0.46	0.68	2.21	0.56
Potential Archaeological Zones (acres)	37.14	29.49	36.52	27.86
Potential Historic Structures within 500 feet of ROW (number)	0	0	0	0
Building Displacements* (number)	29R 7B 2C 0S	37R 7B 1C 0S	23R 3B 0C 0S	0R 3B 0C 0S
Hazardous Material Sites (number)	4	4	4	4

* R = Residential, B = Business, C = Church, S = School

SECTION 21

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM SLAUGHTER RD. TO APPROX. .25 MILES NORTH OF BRAZOS RIVER BRIDGE
STATION 1820+00 TO STATION 1920+00

Environmental Constraint	Right-of-Way Varies		
	East	Center	West
Additional Right-of-Way Required (acres)	15.88	0.00	4.55
Prime Farmland Soils (acres)	2.06	0.07	0.23
Stream Crossings (number)	2	2	2
100-year Floodplains (acres)	72.23	56.62	60.90
Wetlands (NWI) (acres)	12.66	0.04	3.34
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	0R 0B 0C 0S	0R 0B 0C 0S	0R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 22

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM APPROX. .25 MILES NORTH OF BRAZOS RIVER BRIDGE TO VELASCO ST.
STATION 1920+00 TO STATION 2000+00

Environmental Constraint	Right-of-Way Varies		
	East	Center	West
Additional Right-of-Way Required (acres)	0.00	0.00	0.00
Prime Farmland Soils (acres)	0.00	0.00	0.00
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	90.04	90.04	90.04
Wetlands (NWI) (acres)	4.24	4.24	4.24
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	0R 0B 0C 0S	0R 0B 0C 0S	0R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SECTION 23

ENVIRONMENTAL CONSTRAINTS COMPARATIVE EVALUATION
SH 36 FROM VELASCO ST. TO FM 1495
STATION 2000+00 TO FM 1495

Environmental Constraint	Right-of-Way Varies		
	East	Center	West
Additional Right-of-Way Required (acres)	0.00	0.00	0.00
Prime Farmland Soils (acres)	0.00	0.00	0.00
Stream Crossings (number)	0	0	0
100-year Floodplains (acres)	39.81	39.81	39.81
Wetlands (NWI) (acres)	0.00	0.00	0.00
Potential Archaeological Zones (acres)	0.00	0.00	0.00
Potential Historic Structures within 500 feet of ROW (number)	0	0	0
Building Displacements* (number)	0R 0B 0C 0S	0R 0B 0C 0S	0R 0B 0C 0S
Hazardous Material Sites (number)	0	0	0

* R = Residential, B = Business, C = Church, S = School

SH 36 Environmental Constraints Preferred Alignment Evaluation
Presented at the April 2001 Public Meetings

ENVIRONMENTAL CONSTRAINT	SPUR 10 AND SH 36 FROM FM 2218 TO BRAZORIA/ FT BEND CO. LINE Includes sections 1 through 8	BRAZORIA/FT BEND CO. LINE TO FM 522 IN BRAZORIA Includes sections 9 through 15	FM 522 TO FM 1495 IN FREEPORT Includes sections 16 through 23
Additional Right-of-Way Required (acres)	231	203	160
Prime Farmland Soils (acres)	156	109	176
Stream Crossings (number)	14	6	5
100-year Floodplains (acres)	37	1	118
Wetlands (NWI) (acres)	2	1	23
Potential Archaeological Zones (acres)	75	39	61
Potential Historic Structures within 500 ft of ROW (number)	0	1	5
Building Displacements* (number)	21R 6B 0C 0S	12R 16B 1C 0S	39R 9B 1C 0S
Potential Hazardous Material Sites (number)	7	1	9

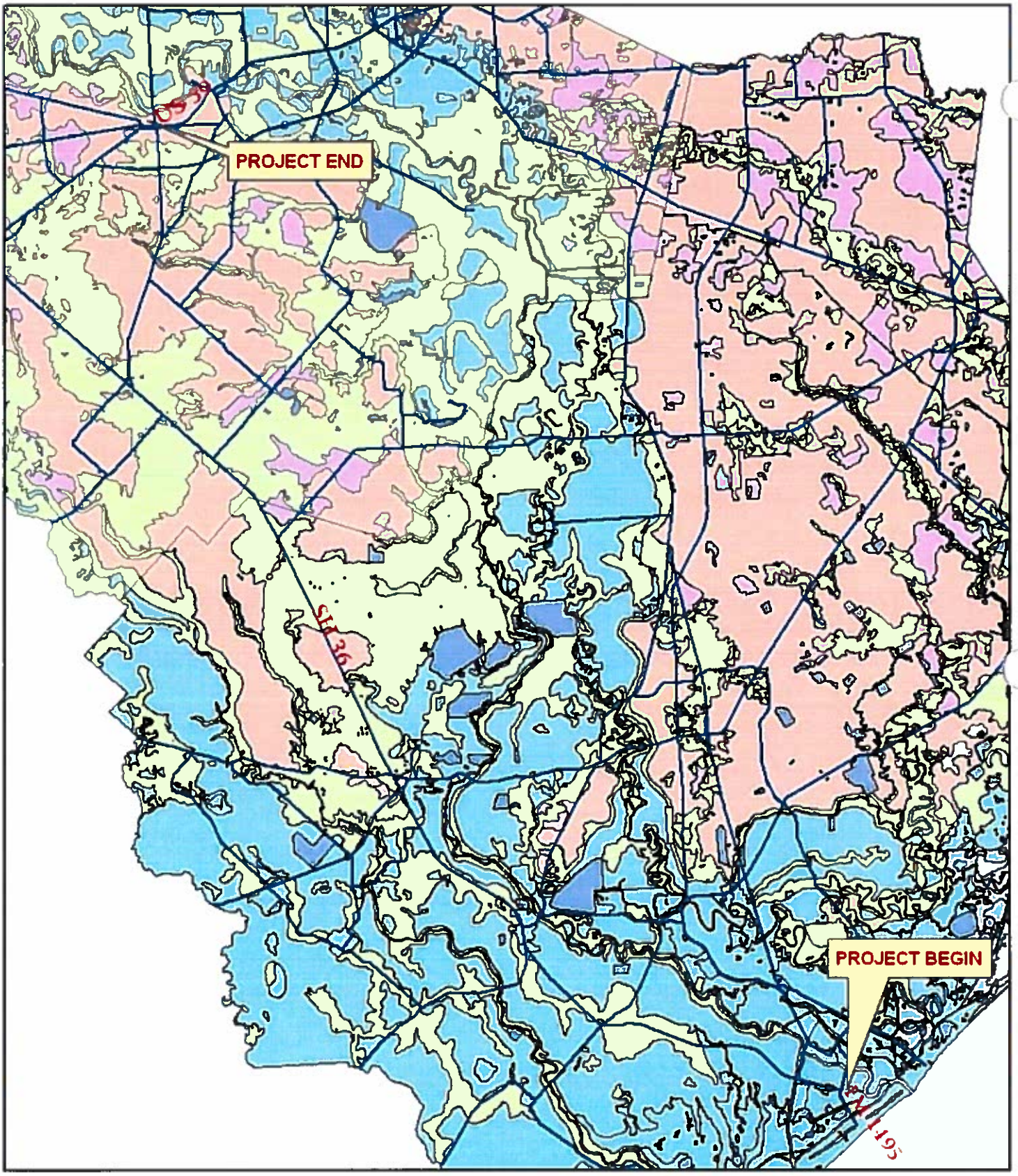
* R = Residential, B = Business, C = Church, S = School

SECTION LIMITS

SECTION

1 - SPUR 10 FROM US 59 TO SH 36
2 - BUSINESS 36 FROM FM 2218 TO SPUR 10
3 - SH 36 FROM SPUR 10 TO NORTH OF FM 2977
4 - SH 36 FROM NORTH OF FM 2977 THROUGH NEEDVILLE TO SOUTH OF NEEDVILLE FAIRCHILDS RD.
5 - SH 36 FROM SOUTH OF NEEDVILLE FAIRCHILDS RD. TO NEEDVILLE HIGH SCHOOL
6 - SH 36 FROM NEEDVILLE HIGH SCHOOL TO GUY
7 - SH 36 THROUGH GUY
8 - SH 36 FROM SOUTH OF GUY TO THE FORT BEND/BRAZORIA COUNTY LINE
9 - SH 36 FROM FORT BEND/BRAZORIA COUNTY LINE TO APPROX .25 MILES NORTH OF CO. RD. 15
10 - SH 36 FROM APPROX .25 MILES NORTH OF CO. RD. 15 TO APPROX. 1 MILE SOUTH OF CO. RD. 18
11 - SH 36 FROM APPROX. 1 MILE SOUTH OF CO. RD. 18 TO CO. RD. 485
12 - SH 36 FROM CO. RD. 485 TO APPROX .5 MILES SOUTH OF VARNER CREEK CROSSING
13 - SH 36 FROM APPROX .5 MILES SOUTH OF VARNER CREEK CROSSING TO APPROX. .5 MILES SOUTH OF CO. RD. 483
14 - SH 36 FROM APPROX. .5 MILES SOUTH OF CO. RD. 483 TO NORTH OF SH 35 INTERSECTION
15 - SH 36 FROM NORTH OF SH 35 INTERSECTION TO FM 522
16 - SH 36 FROM FM 522 TO APPROX .25 MILES SOUTH OF CO. RD. 354
17 - SH 36 FROM .25 MILES SOUTH OF CO. RD. 354 THROUGH BRAZORIA TO LAZY LANE
18 - SH 36 FROM LAZY LANE TO THE TDCJ FACILITIES
19 - SH 36 FROM THE TDCJ FACILITIES TO SOUTH SIDE OF CO. RD. 304
20 - SH 36 FROM THE SOUTH SIDE OF CO. RD. 304 TO SLAUGHTER RD.
21 - SH 36 FROM SLAUGHTER RD. TO APPROX. .25 MILES NORTH OF BRAZOS RIVER BRIDGE
22 - SH 36 FROM APPROX. .25 MILES NORTH OF BRAZOS RIVER BRIDGE TO VELASCO ST.
23 - SH 36 FROM VELASCO ST. TO FM 1495

PALM Data Map



PALM DATA MAP

Legend

- No Surface Recommended
- None Recommended
- None Recommended (Water)
- Surface Recommended
- Surface of Mounds Only

TEXAS DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY 36/SPUR 10

ENVIRONMENTAL ASSESSMENT
FORT BEND AND BRAZORIA COUNTIES, TEXAS
JANUARY 2003

Summary of Phase I ESA Report

Federal ASTM Standard

U.S. EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (0.5-mile Radius)	Direction From SH-36 Corridor	Description	Potential Area of Concern (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	County Road 229 Mile E Freeport, TX 77541	27	N/A	Nalco Exxon Energy Chemicals	No	East	Manufacturer of Alkyl Lead Anti-Knock Compounds	No	Preliminary assessment of contamination of Alkyl Lead Knock Compounds. No results noted. Site is also listed in the RCRIS-LQG, FINDS, TRIS, and TSCA Databases. *Site is not located within 1/4 mile of the project area.*

U.S. EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) No Further Remediation Action Planned (NFRAP) Sites

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	110 South Ave A Freeport, TX 77541	27	N/A	Smith Welding Works Inc	No	East	No information reported in EDR Database report.	No	Not on the NPL. *Site is not located within 1/4 mile of the project area.*
Not Applicable	302 Midway Freeport, TX 77541	29	N/A	Gulf Chem and Metallurgical	No	East	Metals recovery processor extracting Molybdenum and Vanadium from spent oil refinery hydrodesulfurization catalyst	No	Preliminary assessment of site completed on 11/01/1980. Site is also listed in the RCRIS-TSD, RCRIS-SQG, RAATS, CORRACTS and TRIS Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	HWY 288 Mile Marker Road Freeport, TX 77541	32	N/A	Lindsdell Site Texas Sub Task Force	No	East	No information reported in EDR Database report.	No	Preliminary assessment of site completed on 08/01/1982. *Site is not located within 1/4 mile of the project area.*

RCRA Corrective Action Activity Sites (RCRIS-CA)

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (0.5-mile Radius)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	302 Midway Freeport, TX 77541	29	N/A	Gulf Chem and Metallurgical	No	East	Metals recovery processor extracting Molybdenum and Vanadium from spent oil refinery hydrodesulfurization catalyst	No	Conditionally exempt small quantity generator. Violations found. Areas of violation include: Generator-All Requirements and TSD-Other Requirements. Site is also listed in the CERCLIS-NFRAP, RAATS, TRIS, RCRIS-SQG and RCRIS-TSD Databases. *Site is not located within 1/4 mile of the project area.*

U.S. EPA Resource Conservation and Recovery Information System (RCRIS) - TSD Database

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (0.5-mile Radius)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	302 Midway Freeport, TX 77541	29	N/A	Gulf Chem and Metallurgical	No	East	Metals recovery processor extracting Molybdenum and Vanadium from spent oil refinery hydrodesulfurization catalyst	No	Conditionally exempt small quantity generator. Violations found. Areas of violation include: Generator-All Requirements and TSD-Other Requirements. Site is also listed in the CORRACTS, CERCLIS-NFRAP, RCRIS-SQG, RAATS, and TRIS Databases. *Site is not located within 1/4 mile of the project area.*

U.S. EPA Resource Conservation and Recovery Information System (RCRIS) - LQG Database

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	County Road 229 Mile E Freeport, TX 77541	27	N/A	Nalco Exxon Energy Chemicals	No	East	Manufacturer of Alkyl Lead Anti-Knock Compounds	No	Preliminary assessment of contamination of Alkyl Lead Knock Compounds. No results noted. Large quantity generator. Site is also listed in the CERCLIS, FINDS, TRIS, and TSCA Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1.5 Mi South of I Crook on Survey Road Freeport, TX 77541	31	N/A	Phillips Pet Co Jones Creek Ter	No	West	Pipeline Terminal	No	No violations found. Large quantity generator. Site is also listed in the FINDS and TRIS Databases. *Site is not located within 1/4 mile of the project area.*

U.S. EPA Resource Conservation and Recovery Information System (RCRIS) - SQG Database

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Could not locate	15514 Longpoint Brazoria Road Guy, TX 77444	10	N/A	Houston Pipeline Needville Com	Could Not Locate	Unknown-Not anticipated to be located along the SH-36 Corridor	No information reported in EDR Database report.	No	Small quantity generator. No violations found. Site was not found in phone information directories for the area. Site is also listed in the FINDS Database.
707	215 S Columbia Drive West Columbia, TX 77486	12	WP-080	Carroll Motor Co (Mark Wagner Ford Mercury)	Yes	East	No information reported in EDR Database report.	Yes	No violations found. Small quantity generator. Site is also listed in the LUST, UST, FINDS, and TX HW Databases.
Not Applicable	404 West Brazos West Columbia, TX 77486	13	N/A	Country Printer Inc	No	East	No information reported in EDR Database report.	Yes	Small quantity generator. No violations found. Site is also listed in the FINDS Database. *Site is not located within 1/4 mile of the project area.*

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4.
Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

U.S. EPA Resource Conservation and Recovery Information System (RCRIS) -CESQG Database - Continued

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to compromise subject property) (yes/no)	Comments
Not Applicable	617 West Brazos West Columbia, TX 77486	12	N/A	Texas Blasting Inc (Little Mamma's Restaurant)	No	West	No information reported in EDR Database report	No	Hazardous waste transporter. No violations found. Small quantity generator. Site is also listed in FINDS Database. *Site is not located within 1/4 mile of the project area.*
723	801 South 17th Street West Columbia, TX 77486	13	WP-057	Phillips Petroleum Co SS # 27063	Yes	West	No information reported in EDR Database report	Yes	Small quantity generator. No violations found. Site is also listed in the FINDS, LUST, UST and TX HW Databases.
Could not locate	34417 HWY 36 West Columbia, TX 77486	15	N/A	A & B Lease Services Inc	Could Not Locate	Could Not Locate	No information reported in EDR Database report	No	Hazardous waste transporter. No violations found. Site was not listed in phone information & occurred for the area. Small quantity generator. Site is also listed in FINDS Database.
1447	HWY 36 Std S Brazoria, TX 77422	17	N/A	TDC Chemicals	Yes	East	No information reported in EDR Database report	Yes	Small Quantity generator. One violation found, s.a.m. "Generator All Requirements". Site is also listed in the FINDS Database.
1217	1100 S Brooks Brazoria, TX 77422	19	WP-082	Industrial Hot Services	Yes	West	Hot oil, cutout, and nonmetallic tank cleaning	Yes	Small quantity generator. No violations found. Site is also listed in the FINDS and TX HW Databases.
Not Applicable	3018 Turpin Lane Freeport, TX 77541	23	N/A	Mem Operating LTD-Freeport Shorebase	No	East	No information reported in EDR Database report	No	Small quantity generator. No violations found. Site is also listed in the FINDS and TX HW Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	3040 West Second St Freeport, TX 77541	27	N/A	Texas Crossbeam/Capt. Elliott	No	East	No information reported in EDR Database report	No	Hazardous waste transporter. No violations found. Small quantity generator. Site is also listed in the FINDS and TX HW Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1000 East Brazos Street Freeport, TX 77541	27	N/A	Old River Inn Works	No	East	No information reported in EDR Database report	No	Conditionally exempt small quantity generator. No violations found. Site is also listed in the FINDS and TX HW Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1002 West Second Freeport, TX 77541	30	N/A	Brazosport High School	No	East	Public School	No	Small quantity generator. No violations found. Site is also listed in the FINDS and TX HW Generator Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	340 Turpin Inn Village Freeport, TX 77541	31	N/A	Innovations Inc	No	East	No information reported in EDR Database report	No	Classification not recorded. One violation record reported for "Generator All Requirements". Small quantity generator. Site is also listed in the FINDS Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	222 West Second Freeport, TX 77541	31	N/A	Micro Openers Inc	No	East	No information reported in EDR Database report	No	Hazardous waste transporter. No violations found. Small quantity generator. Site is also listed in the FINDS Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	602 West Broad St Freeport, TX 77541	31	N/A	Wilbros Diesel Inc	No	East	Repair shops and related services	No	Small quantity generator. No violations found. Site is also listed in the FINDS and TX HW Generator Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	613 West Second St Freeport, TX 77541	31	N/A	Wet-Way Incorporated	No	East	No information reported in EDR Database report	No	Classification not recorded. No violations found. Small quantity generator. Site is also listed in the FINDS and TX HW Generator Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1200 East Brazos Freeport, TX 77541	31	N/A	M-I Drilling Fluids Co -Freeport	No	East	No information reported in EDR Database report	No	Conditionally exempt small quantity generator. No violations found. Site is also listed in the FINDS Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	HWY 288 Dow Stratton Inc 2 Freeport, TX 77541	32	N/A	Chevron Pipeline Co	No	East	No information reported in EDR Database report	No	Small quantity generator. No violations found. Site is also listed in the FINDS Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	2511 County Road 1495 Mobil Dock Freeport, TX 77541	34	N/A	Kilgore Marine-K3-KIV	No	East	No information reported in EDR Database report	No	Hazardous waste transporter. No violations found. Small quantity generator. Site is also listed in the FINDS Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	Old 1495 3/10 Mi S HWY 288 Freeport, TX 77541	34	N/A	BASF Corp Harbor Terminal	No	East	No information reported in EDR Database report	No	Classification not recorded. No violations found. Small quantity generator. Site is also listed in the FINDS Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	2311 FM 1495 Freeport, TX 77541	34	N/A	Mobil Producing Texas and New Mexico Inc	No	West	No information reported in EDR Database report	No	Small quantity generator. Hazardous waste transporter. No violations found. Site is also listed in the FINDS Database. *Site is not located within 1/4 mile of the project area.*

U.S. EPA Emergency Response Notification System (ERNS) Database

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to compromise subject property) (yes/no)	Comments
Not Applicable	222 East 2nd Street Freeport, TX 77541	31	N/A	No information given	No	East	No information reported in EDR Database report	No	*Site is not located within 1/4 mile of the project area.*

U.S. Environmental Protection Agency (EPA) National Priorities List (NPL)

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (1.0-mile Radius)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to compromise subject property) (yes/no)	Comments

No NPL sites were identified within a one-mile search of the Site.

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4. Many of the sites listed in Table 3 ARE NOT located in the vicinity of the SH-36 Corridor.

TNRCC Leaking Underground Storage Tank (LUST) Database

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (0.5-mile Radius)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
606	HWY 36 and Poppy Street Needville, TX 77461	1	WP-011	Building No. 13427 (Was Reported)	Yes	East	Steel UST (construction, construction material, contents, capacity all unknown). Leak was discovered on 04/06/93	Yes	GW impacted, no apparent threats or impacts to receptors. Final Concurrence issued, case closed. Site is also listed in the UST Database.
707	313 S Columbia Drive West Columbia, TX 77486	12	WP-060	Carroll Motor Co Inc (Mark Wiggins Ford Mercury)	Yes	East	Single-walled steel 2,000-gallon gasoline UST. The UST has been reportedly removed from the ground. Leak was discovered on 01/24/96	Yes	GW impacted, public/domestic water supply well within .25-.5 miles. Phase II in progress. Site is also listed in the RCRIS - SQG, FINDS, UST and TX LPST Databases.
Not Applicable	300 Crews Way West Columbia, TX 77486	12	N/A	Texas-New Mexico Power Co	No	East	Two steel USTs (construction, capacity, and contents all unknown). The USTs have been reportedly removed from the ground. One UST had leak discovered on 01/13/92 and the other UST had a leak discovered on 10/24/90	No	Minor soil contamination - does not require a R.A.P. Final concurrence issued, case closed. Site is also listed in the TX SHW and UST Databases. Site is not located within 1/8 mile of the project area.
646	903 S Columbia Drive West Columbia, TX 77486	12	WP-058	Stop-N-Save	Yes	West	Single-walled steel gasoline UST (capacity unknown). The UST has been reportedly removed from the ground. The leak was discovered on 01/25/99	Yes	GW impact, public/domestic water supply well within 0.25 miles. Remedial action complete, final monitoring in progress. Site is also listed in the UST Database.
733	811 S 17th Street West Columbia, TX 77486	13	WP-067	West Columbia [illegible]	Yes	West	Composite (steel w/FRP laminate) UST (construction, capacity, and contents all unknown). The leak was discovered on 05/09/96	Yes	GW impact, non-public/non-domestic water supply well within 0.25 miles. Phase III in progress and quarterly monitoring in progress. Site is also listed in the UST, RCRIS-SQG, Finds, and [illegible] Databases.
Not Applicable	[illegible] South 17th Street West Columbia, TX 77486	13	N/A	Ox-N-Go	Yes	East	Composite (steel w/FRP laminate) UST (construction, capacity, and contents all unknown). The leak was discovered on 03/11/97	No	GW impacted, no apparent threats or impacts to receptors. Final Concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	105 East Brazos West Columbia, TX 77486	13	N/A	Bumpers #6	Yes	East	Steel 10,000-gallon diesel UST (construction not reported). Leak was discovered on 01/13/97	No	GW impact, public/domestic water supply well within 0.25 miles. Final concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
1139	2001 N HWY 36 Brazoria, TX 77422	16	WP-079	Mr B's	Yes	East	Steel 8,000-gallon gasoline UST (construction not reported). Leak was discovered on 12/31/96	Yes	GW impact, public/domestic water supply well within 0.25 miles. Phase II in progress. Site is also listed in the UST Database.
1140	101 N HWY 36 Brazoria, TX 77?66	17	WP-080	Bumpers #3	Yes	East	Steel single-walled UST (capacity and contents unknown). Leak was discovered on 12/14/96	Yes	GW impacted, no apparent threats or impacts to receptors. Final Concurrence issued, case closed. Site is also listed in the UST Database.
Not Applicable	HWY 36 and 225 1st Street Brazoria, TX 77422	17	WP-084	Lone Star Beer Dist Co (Lone Star Recycling)	Yes	West	Steel 3,000-gallon single-walled UST (contents unknown). The UST has been reportedly removed from the ground. Leak was discovered on 11/12/98	Yes	GW impacted, no apparent threats or impacts to receptors. Phase II in progress. Site is also listed in TNRCC PST Database as facility #0020480. Database lists J.L. Brown Sr. at phone number 979-345-2000 as contact person. Refer to Telephone Report for additional information. Site is also listed in the UST Database.
1158	429 South Brooks Street Brazoria, TX 77422	18	WP-087	Corner Stop Food Mart	Yes	East	UST (construction, construction material, capacity, and contents all unknown). The UST has been reportedly removed from the ground. Leak was discovered on 09/30/92	Yes	Minor soil contamination - does not require a R.A.P. Final concurrence issued, case closed. Site is also listed in the UST Database.
Could not locate	201 N Brooks Brazoria, TX 77422	18	N/A	Mobil Oil	Could Not Locate	Could Not Locate	Steel UST (construction, contents, and capacity all unknown). The UST has been reportedly removed from the ground. Leak was discovered on 01/23/91	No	GW impacted, no apparent threats or impacts to receptors. Final Concurrence issued, case closed. Site is also listed in TNRCC PST Database as facility #10831. Database lists H.L. Johnson at phone number 979-798-2525 as contact person. Refer to Telephone Report for additional information. Site is also listed in the UST Database.
1218	1101 S Brooks Brazoria, TX 77422	19	WP-091	Bumpers #5	Yes	East	Steel 10,000-gallon UST (construction and contents unknown). The leak was discovered on 01/02/97	Yes	GW impacted, public/domestic water supply well within .25-.5 miles. Phase II in progress. Site is also listed in the UST Database.
Not Applicable	200 Avenue I Alvin, TX 77511	20	N/A	MTS Oran, Inc	No	East	Steel 1,000-gallon gasoline UST (construction not reported). The UST has been reportedly removed from the ground. The leak was discovered on 08/28/92	No	Minor soil contamination - does not require a R.A.P. Final concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	413 Sailfish Lane Freeport, TX 77541	22	N/A	Bridge Harbor Yacht Club	No	East	UST (construction, construction material, capacity, and contents all unknown). The UST has been reportedly removed from the ground. Leak was discovered on 01/20/92	No	Group 3 Groundwater, offsite migration unlikely. Final concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
1696	6335 S HWY 36 Freeport, TX 77541	23	WP-100	Former Chevron Service Station	Yes	West	UST (construction, construction material, capacity, and contents all unknown). The UST has been reportedly removed from the ground. Leak was discovered on 11/26/91	Yes	GW impacted, public/domestic water supply well within .25-.5 miles. Phase III and quarterly monitoring in progress. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	912 N Second Street Alvin, TX 77512	27	N/A	B & G Wireline Ser Inc	No	East	Steel UST (construction, capacity, and contents all unknown). The leak was detected on 12/22/93	No	GW impacted, no apparent threats or impacts to receptors. Phase II in progress. Site is also listed in the AST and UST Databases. Site is not located within 1/8 mile of the project area.
Not Applicable	817 South Ave D Freeport, TX 77541	27	N/A	Sunny Commission Co	No	East	Single-walled steel UST (capacity and contents unknown). The UST has been reportedly removed from the ground. The leak was discovered on 08/16/91	No	GW impacted, no apparent threats or impacts to receptors. Final Concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	201 S Ave A Freeport, TX 77541	27	N/A	Vacant	No	East	Single-walled steel 1,000-gallon gasoline UST. The UST has been reportedly removed from the ground. The leak was discovered on 04/27/94	No	No GW impact, no apparent threats or impacts to receptors. Final concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	402 South D Street Freeport, TX 77541	27	N/A	Handi Stop #43	No	East	Composite (steel w/FRP laminate) 12,000-gallon gasoline UST (construction unknown). Leak was discovered on 11/26/96	No	No GW impact, no apparent threats or impacts to receptors. Final concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	320 S Gulf Blvd Freeport, TX 77541	27	N/A	Diamond Food Mart #2	No	East	Single-walled steel 6,000-gallon gasoline UST. The leak was discovered on 09/17/92	No	No GW impact, no apparent threats or impacts to receptors. Final concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	1852 1/2 West 2nd Street Freeport, TX 77531	30	N/A	#371	No	East	Steel UST (construction, capacity, and contents unknown). The UST has been reportedly removed from the ground. The leak was discovered on 12/08/98	No	GW impacted, no apparent threats or impacts to receptors. Phase II in progress. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	131 East 5th Freeport, TX 77541	31	N/A	Freeport Drive In Grocery	No	East	Steel UST (construction, capacity, and contents unknown). The UST has been reportedly removed from the ground. The leak was discovered on 12/22/98	No	[illegible]. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	118 West 5th Street Freeport, TX 77541	31	N/A	Gulf State Inc	No	East	UST (construction, construction material, contents, and capacity all unreported). The leak was discovered on 03/20/91	No	Minor soil contamination - does not require a R.A.P. Final concurrence issued, case closed. Site is not located within 1/8 mile of the project area.
Not Applicable	300 East 2nd Street Freeport, TX 77541	31	N/A	W H Rowe Jr	No	East	Steel UST (construction, contents, and capacity all unknown). The UST has been reportedly removed from the ground. The leak was discovered on 02/27/93	No	Soil contamination - no remedial action required. Final concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.
Not Applicable	231 West 2nd Street Freeport, TX 77541	31	N/A	[illegible] Mini Mart	No	East	Single-walled steel 10,000-gal gasoline UST. The leak was discovered on 12/08/88	No	GW impacted, no apparent threats or impacts to receptors. Final Concurrence issued, case closed. Site is also listed in the UST Database. Site is not located within 1/8 mile of the project area.

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4. Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

TNRCC Leaking Underground Storage Tank (LUST) Database - Continued									
Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (0.5-mile Radius)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	430 West 2nd Street Freeport, TX 77541	31	N/A	Mudman Shop	No	East	Single-walled steel UST (capacity and contents unknown). The UST has been reportedly removed from the ground. The leak was discovered on 04/06/94	No	No GW impact, no apparent threats or impacts to receptors. Final directive issued, awaiting site/tail response. Site is also listed in the UST Database. *Site is not located within 1/2 mile of the project area.*
Not Applicable	103 Cherry Street Freeport, TX 77541	31	N/A	Intermodal	No	East	UST (construction, contents, material, and capacity all unreported). The leak was discovered on 12/24/92	No	Minor soil contamination - does not require a R.A.P. Final concurrence issued, case closed. *Site is not located within 1/2 mile of the project area.*

TNRCC Underground Storage Tank (UST) Database Report									
Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
315	HWY 36 and Carlton Road Needville, TX 77461	1	WP-004	Diamond Market # 2 (Chevron)	Yes	West	One 2,000-gallon single-walled composite (steel with FRP laminate) diesel UST. The UST was reportedly installed in 01/01/85. The UST was reportedly removed from the ground on 08/31/91	No	No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
315	9920 Carlton Road Needville, TX 77461	1	WP-004	Diamond Market # 2 (Chevron)	Yes	West	Four single-walled steel USTs. Three 8,000-gallon gasoline USTs and one 500-gallon diesel UST. The USTs were reportedly installed on 01/01/81 and all are reportedly still in use	No	No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
Not Applicable	9791 HWY 36 Orchard, TX 77464	2	N/A	Country Food Basket	Not Applicable	Not Applicable	Three single-walled steel 6,000-gallon gasoline USTs. The USTs were reportedly installed on 01/01/80 and all are reportedly still in use	No	No releases reported
606	HWY 36 and Poppy Street Needville, TX 77461	2	WP-011	Building No 13427 (Wax Express)	Yes	East	Five single-walled steel USTs. Two 1,000-gallon (unreported content) USTs, two 3,000-gallon (unreported content) USTs, and one 10,000-gallon gasoline UST. The two 1,000-gallon and two 3,000-gallon USTs were reportedly installed on 02/01/69 and removed from the ground on 01/23/91. The 10,000-gallon gasoline UST has no reported install date but was reportedly removed from the ground on 03/23/93	No	GW impacted, no apparent threats or impacts to receptors. Final Concurrence issued, case closed. During site reconnaissance it was observed that former monitor well locations at the Site were apparently plugged and abandoned. Site is also listed in the LUST Database.
Not Applicable	9120 Main Needville, TX 77461	3	N/A	Needville Exxon (Oil Change)	No	West	Three steel USTs. Two 6,000-gallon gasoline (unreported construction) USTs and one 6,000-gallon gasoline (unreported construction) UST. All three USTs were reportedly installed on 01/01/72 and removed from the ground on 08/16/96	No	No releases reported. There was no indication of former UST locations at the Site. *Site is not located within 1/2 mile of the project area.*
Could not locate	9100 Main Needville, TX 77461	3	N/A	Terry Dickerson	No	West	Two single-walled steel USTs. One 300-gallon gasoline UST and one 560-gallon gasoline UST. Both USTs were reportedly installed on 08/01/87 and removed from the ground on 03/31/97	No	No releases reported. Site is also listed in TNRCC PST Database as facility # 69509. Database lists Terry Dickerson at phone number 281-380-4321 as contact person. Refer to Telephone Report for additional information.
908	13003 HWY 36 Needville, TX 77461	4	WP-010	Johnnie's Quick Stop	Yes	East	Seven steel USTs. One single-walled 6,000-gallon diesel UST, two 6,000-gallon gasoline USTs (unreported construction), one single-walled 10,000-gallon gasoline UST, two single-walled 6,000-gallon gasoline USTs, and one 3,000-gallon gasoline UST (unreported construction). The two 6,000-gallon gasoline USTs were reportedly installed on 01/01/77 and abandoned in-place. The 3,000-gallon UST was reportedly installed on 01/01/66 and abandoned in-place. The 10,000-gallon UST was reportedly installed on 01/01/82 and is temporarily out of service. The two 6,000-gallon USTs and 6,000-gallon diesel UST were reportedly installed on 01/01/98 and are temporarily out of service	Yes	No releases reported. The UST manways were located approximately 65 feet east of current center line for HWY 36
586	12929 HWY 36 Needville, TX 77461	4	WP-009	Bednarz Super Store	Yes	East	Four USTs. Three double-walled fiberglass-reinforced plastic (FRP) 8,000-gallon gasoline USTs and one 4,000-gallon steel diesel UST (unreported construction). All USTs were reportedly installed on 05/01/87 and are reportedly still in use	Yes	No releases reported. The UST manways were located approximately 70 feet east of current center line for HWY 36
608	13303 HWY 36 Needville, TX 77461	5	WP-012	Kwik Check (FFP # 594)	Yes	East	Three single-walled steel USTs. All 8,000-gallon capacity gasoline USTs. Two USTs were reportedly installed on 09/01/72, one was reportedly installed on 09/01/79 and all are reportedly still in use	Yes	No releases reported. The UST manways were located approximately 50 feet east of current center line for HWY 36
Could not locate	12900 Dunkerson Road Needville, TX 77461	6	N/A	Port Bend Telephone Co-Op	Could Not Locate (Not anticipated to be located along the corridor)	Could Not Locate	One single-walled 1,000-gallon diesel fiberglass-reinforced plastic (FRP) UST. The UST was reportedly installed on 04/01/84 and is reportedly still in use	No	No releases reported. Site is also listed in PST TNRCC Database as facility # 6477. Database lists Dan Owen at phone number 713-342-4611 as contact person. Refer to Telephone Report for additional information.
641	14302 HWY 36 Needville, TX 77461	7	WP-016	C K's Bait Shop	Yes	West	Three USTs. Two 1,000-gallon steel (unreported construction) gasoline USTs and one 1,000-gallon gasoline (unreported construction and construction material) UST. All USTs were reportedly installed on 01/01/73 and removed from the ground on 02/14/94	No	No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern. The shop was closed and had a "For Sale" sign posted.
858	18602 S HWY 36 Guy, TX 77444	8	WP-022	Schulte Bros., Inc. - Guy	Yes	West	Three steel USTs. One 8,000-gallon diesel (unreported construction) UST, one 2,000-gallon diesel (unreported construction) UST, and one used oil UST (capacity and construction unknown). Used oil UST still reportedly in use. Diesel USTs have been reportedly removed from the ground. Two diesel USTs were reportedly installed on 01/01/73 and used oil UST was reportedly installed on 01/01/84. The diesel USTs were reportedly removed from the ground on 02/20/93	Yes	No releases reported. Diesel pump was located behind facility, but appeared out of service. No other indication of former UST locations.
830	18503 HWY 36 Guy, TX 77444	8	WP-021	Vlasta Sumrah (Jimmer's Rockin' S)	Yes	East	Four single-walled steel USTs. One 1,000-gallon diesel UST and three 500-gallon diesel USTs. All USTs have been reportedly removed from the ground. The UST installation dates were unreported, however all four USTs were reportedly removed from the ground on 02/19/93	No	No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4. Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

TNRCC Underground Storage Tank (UST) Database Report - Continued									
Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to compromise subject property) (yes/no)	Comments
834	18439 HWY 36 Guy, TX 77430	8	WP-020	Miller's Country Convenience	Yes	East	Four single-walled steel USTs. Two 6,000-gallon gasoline USTs, one 3,000-gallon gasoline UST, and one 2,000-gallon diesel UST. All four USTs were reportedly installed on 01/01/84 and all are reportedly still in use.	Yes	No release reported. During site reconnaissance two gasoline, one diesel, and one kerosene pump locations were identified.
704	13518 HWY 36 Needville, TX 77461	9	WP-018	Urbanek's Store (Citgo Exxon)	Yes	West	Two single-walled steel USTs, one single-walled composite (steel with FRP laminate) UST. Two 3,000-gallon gasoline USTs and one 4,000-gallon diesel UST. All three USTs were reportedly installed on 01/01/84 and all are reportedly still in use.	Yes	No release reported.
124	13460 HWY and Mckinney Damon, TX 77430	11	WP-024	Wright's Drive In Grocery	Yes	West	Three single-walled steel gasoline USTs. No capacities for the USTs were reported. Two USTs were reportedly installed on 01/01/73 and one UST was reportedly installed on 01/01/79 and all are reportedly still in use.	Yes	No release reported. During site reconnaissance three pumps and one vent were identified.
121	Midway and HWY 36 Damon, TX 77430	11	WP-022	Damon Service Center	Yes	West	Seven steel USTs. One 1,000-gallon gasoline UST (reportedly in use), one 1,000-gallon diesel UST (reportedly in use), two 2,000-gallon gasoline USTs (reportedly in use), two 1,000-gallon gasoline USTs (reportedly temporarily out of service) and one 4,000-gallon gasoline UST (reportedly temporarily out of service). All USTs have an unreported construction. The two 1,000-gallon gasoline and one 4,000-gallon gasoline USTs were reportedly installed on 01/01/66, the 1,000-gallon gasoline UST was reportedly installed on 01/01/74, and the one 1,000-gallon diesel UST and two 2,000-gallon gasoline USTs were reportedly installed on 01/01/84.	Yes	No release reported. During site reconnaissance six pumps and one vent and seven manways were identified. The UST manways closest to HWY 36 were located approximately 75 feet from the eastern edge of HWY 36.
707	213 S Columbia Drive West Columbia, TX 77486	12	WP-060	Carroll Motor Co. Inc. (Mark Wiggins Ford-Mercury)	Yes	East	One 2,000-gallon single-walled steel gasoline UST. The UST was reportedly installed on 08/01/80 and removed from the ground on 08/17/95.	Yes	GW impacted release, public/domestic water supply well within .25 - .5 miles. There was no indication of former UST locations during site reconnaissance. Site is also listed in the RCRIS-SQG, LUST, FINDS, and TX IHW Databases.
702	114 South Columbia Drive West Columbia, TX 77486	12	WP-059	Del Papa Distributing Co., Inc. (Christian Center Ministries Building)	Yes	West	Three steel USTs (construction unreported). Two 4,000-gallon gasoline USTs, one 6,000-gallon diesel UST. All three USTs were reportedly installed on 01/01/80 and removed from the ground on 05/30/94.	No	No release reported. There was no indication of former UST locations during site reconnaissance. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
Not Applicable	300 Crews Way West Columbia, TX 77486	12	N/A	Texas-New Mexico Power Co.	No	East	Four steel USTs (construction unknown). One gasoline UST (capacity unknown), one diesel UST (capacity unknown), one 1,000-gallon diesel UST, and one 6,000-gallon gasoline UST. All USTs have been reportedly removed from the ground. The two known-capacity USTs were reportedly installed on 01/01/81 and removed from the ground on 09/11/90 and the two unknown-capacity USTs have an unreported installation date and were reportedly removed from the ground on 01/01/90.	No	GW impacted, public/domestic water supply within 0.25 miles. Final concurrence issued, case closed. There was no indication of former UST locations during site reconnaissance. Site is also listed in the LUST and TX IHW Databases. *Site is not located within 1/4 mile of the project area.*
696	102 S Columbia Drive West Columbia, TX 77486	12	WP-058	Stop-N-Save	Yes	West	Three single-walled steel USTs. Two 6,000-gallon gasoline USTs and one 2,000-gallon gasoline UST. All three USTs were reportedly installed on 01/01/71 and removed from the ground on 01/20/99.	Yes	GW impact, public/domestic water supply within 0.25 miles. Remedial action complete, final monitoring in progress. Apparent UST locations were identified during site reconnaissance, and they did appear to be removed from the ground. Site is also listed in the UST Database.
Could not locate	413 Brazos West Columbia, TX 77486	12	N/A	Stop-N-Go	Could Not Locate	Could Not Locate	Three fiberglass-reinforced plastic (FRP) USTs (unreported construction). All 12,000-gallon gasoline USTs. All three USTs were reportedly installed on 01/01/81 and removed from the ground on 01/18/91.	No	No releases reported. Site is also listed in TNRCC PST Database as facility # 15280. Database lists Mr. R.J. Amass at phone number 713-468-4711 as contact person. Refer to Telephone Report for additional information.
686	225 N Columbia Dr West Columbia, TX 77486	12	WP-057	E-Z Mart # 202	Yes	East	Three single-walled steel USTs. All are 7,996-gallon gasoline USTs. All three USTs were reportedly installed on 01/01/86 and removed from the ground on 01/18/00.	No	No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
681	14425-2 HWY 36 West Columbia, TX 77486	12	WP-053	West Columbia Construction Center (Texas New Mexico Power Company)	Yes	East	Two fiberglass-reinforced plastic (FRP) USTs (construction unreported). One 1,000-gallon gasoline UST and one 1,000-gallon diesel UST. The USTs have been reportedly removed from ground. One UST was reportedly installed on 01/01/83 and removed on 05/14/98, and the other UST was reportedly installed on 01/01/86 and removed from the ground on 05/14/98.	No	No releases reported. Site is also listed in TNRCC PST Database as facility # 11363. Database lists Ms. or Mr. Crouch at phone number 979-345-4889 as contact person. Refer to Telephone Report for additional information.
Approximately 150 feet west of TxDOT Station No. 730	614 South 17th Street West Columbia, TX 77486	13	WP-066	Alexander Home Center Inc. (American Tyres)	No	West	One steel 1,000-gallon gasoline (construction unreported) UST. The UST was reportedly installed on 01/01/83. The UST is reportedly still in use.	Yes	No releases reported. The site manager (Mr. Dan White) was questioned during the site reconnaissance. Mr. White stated that there is a UST on-site, but that it had not been utilized for a minimum of three years.
730	602 South 17th Street West Columbia, TX 77486	13	WP-064	Herman's Chevron	Yes	East	Four steel USTs (construction unreported). Three 2,000-gallon gasoline USTs and one 1,000-gallon diesel UST. All three gasoline USTs were reportedly installed on 01/01/67, and the one diesel UST was reportedly installed on 01/01/87. All four USTs are reportedly still in use.	Yes	No release reported. During site reconnaissance there were no fuel pumps observed.
733	601 South 17th Street West Columbia, TX 77486	13	WP-067	West Columbia 66 # 27063	Yes	West	Four composite (steel w/FRP laminate) USTs (construction unreported). Two 12,000-gallon gasoline USTs, one 8,000-gallon gasoline UST, and one 8,000-gallon diesel UST. All four USTs were reportedly installed on 12/01/84 and all are reportedly still in use.	Yes	GW impact, non-public/non-domestic water supply well within 0.25 miles. Phase II in progress and quarterly monitoring in progress. The UST manways were located approximately 90 feet west of current centerline for HWY 36. Site is also listed in the LUST, RCRIS, SQG, FINDS, and TX IHW Databases.
729	141 South Columbia Drive West Columbia, TX 77486	13	WP-062	Hart's Grocery	Yes	East	Two steel USTs (construction unreported). Both 6,000-gallon gasoline USTs. Both USTs were reportedly installed on 01/01/79 and removed from the ground on 10/21/97.	No	No evidence of former UST locations during site reconnaissance. No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4. Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

TNRCC Underground Storage Tank (UST) Database Report - Continued									
Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
720	706 South 17th Street West Columbia, TX 77486	13	WP-084	North Service Station	Yes	East	Four steel USTs (unreported construction). Two 4,000-gallon gasoline USTs, one 3,000-gallon gasoline UST, and one 2,000-gallon diesel UST. Three gasoline USTs were reportedly installed on 01/01/73 and diesel UST was reportedly installed on 01/01/84. All USTs are reportedly still in use.	Yes	No releases reported. During site reconnaissance it appeared that USTs were still in the ground, but the fuel pumps were removed. The UST manways were located approximately 70 feet east of current center line for HWY 36.
Not Applicable	626 17th Street West Columbia, TX 77486	13	WP-083	Stewart's Radiator (NAPA Auto Parts)	No	East	Three steel USTs (construction unreported). Two 4,000-gallon gasoline USTs and one 4,000-gallon diesel UST. All USTs have been reportedly removed from the ground. Two gasoline USTs were reportedly installed on 01/01/74 and the diesel UST on 01/01/82. All three USTs were reportedly removed from the ground on 10/22/97.	No	No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
Could not locate	310 South 17th St West Columbia, TX 77486	13	N/A	Kay's TEXACO	Could Not Locate	Could Not Locate	Three steel USTs (unreported construction). Two 3,000-gallon gasoline USTs and one 1,000-gallon used-oil UST. All removed from the ground. All USTs were reportedly installed on 01/01/61 and removed from the ground on 10/23/89.	No	No releases reported. Site is also listed in TNRCC PST Database as facility # 12745. Database lists Robert B. Stewart at phone number 979-849-7471 as contact person. Refer to Telephone Report for additional information.
Not Applicable	302 South 17th Street West Columbia, TX 77486	13	N/A	Stop-N-Go	No	East	Four single-walled composite (steel w/FRP laminate) USTs. Three 6,000-gallon gasoline USTs and one 6,000-gallon diesel UST. Two of the gasoline USTs and the one diesel UST were reportedly installed on 01/01/96 and one gasoline UST was reportedly installed on 01/01/85. All USTs are reportedly still in use.	No	LPST reported, no apparent threats or impacts to receptors. Final concurrence issued, case closed. Site is also listed in the LUST Database. *Site is not located within 1/8 mile of the project area.*
Not Applicable	100 East Brazos West Columbia, TX 77486	15	N/A	Bus-ee #6 (Texaco Station)	No	East	Four steel USTs (unreported construction). All 10,000-gallon diesel USTs. All USTs were reportedly installed on 01/01/89 and are reportedly still in use.	Yes	LPST reported, public/domestic water supply well within 0.2 miles. Final concurrence issued, case closed. Site is also listed in the LUST Database.
740	1000 S. Columbia Dr West Columbia, TX 77486	14	WP-089	Circle K #2234 (Dorman Food Store)	Yes	East	One 10,000-gallon gasoline fiberglass-reinforced plastic (FRP) UST and two 6,000-gallon gasoline steel USTs. All USTs have unreported construction. All USTs were reportedly installed on 01/01/83 and removed from the ground on 11/19/92.	No	No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
1129	2601 N HWY 36 Brazoria, TX 77422	16	WP-079	Bar Bs	Yes	East	Three steel USTs (unreported construction). All 8,000-gallon gasoline USTs. All USTs were reportedly installed 01/01/85 and are reportedly still in use.	Yes	LPST impact, public/domestic water supply within 0.25 miles. Phase II in progress. The UST manways were located approximately 75 feet east of current center line for HWY 36. Site is also listed in the LUST Database.
Could not locate	402 N Brooks Brazoria, TX 77422	17	N/A	Former Circle K # 7802	Could Not Locate	Could Not Locate	Three single-walled steel USTs. All 10,000-gallon gasoline USTs. All USTs were reportedly installed on 01/01/87 and removed from the ground on 11/04/97.	No	No releases reported. Site is also listed in TNRCC Database as facility # [illegible]. Database does not list contact number or person.
1140	801 N HWY 36 Brazoria, TX 77566	17	WP-080	Bus-ee # 3	Yes	East	Four single-walled steel USTs. Three 10,000-gallon gasoline USTs and one 10,000-gallon diesel UST. All USTs were reportedly installed on 01/01/81 and all are reportedly still in use.	Yes	LPST reported, no apparent threats or impacts to receptors. Final concurrence issued, case closed. The UST manways were located approximately 80 feet east of current center line for HWY 36. Site is also listed in the LUST Database.
Could not locate	North HWY 36 Brazoria, TX 77422	17	N/A	Kathy's	Could Not Locate	Could Not Locate	Three steel USTs (unreported construction). All 2,000-gallon gasoline USTs. All USTs were reportedly installed on 01/01/77 and reportedly removed from the ground on 11/18/88.	No	No releases reported. Site is also listed in TNRCC PST Database as facility # 20481. Database lists R. Harris at phone number 979-343-2721 as contact person. Refer to Telephone Report for additional information.
1072	18000 HWY 36 N Brazoria, TX 77422	17	WP-075	Super Stop # 2	Yes	West	Three steel USTs (unreported construction). Two 10,000-gallon gasoline USTs and one 4,000-gallon diesel UST. All USTs were reportedly installed on 01/01/83 and are still in use.	No	No releases reported. The UST manways were located approximately 43 feet west of current center line for HWY 36. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
Not Applicable	HWY 36 and 225 1st Street Brazoria, TX 77422	17	WP-084	Lone Star Beer Dist. Co (Lone Star Recycling)	No	West	Two single-walled steel USTs. One 1,000-gallon diesel UST and one 1,000-gallon gasoline UST. Both USTs were reportedly installed on 01/01/83 and removed from the ground on 10/30/98.	Yes	LPST reported, no apparent threats or impacts to receptors. Phase II in progress. Site is also listed in the LUST Database.
1188	409 South Brooks Street Brazoria, TX 77422	18	WP-087	Corner Store Food Mart	Yes	East	Three 10,000-gallon steel gasoline USTs, one composite (steel w/FRP laminate) gasoline UST (unreported capacity). All four USTs have an unreported construction. The three 10,000-gallon USTs were reportedly installed on 01/01/79 and removed from the ground on 09/01/92, and the other UST was reportedly installed on 04/19/95 and is reportedly still in use.	Yes	LPST reported, no apparent threats or impacts to receptors. Final concurrence issued, case closed. The UST manways were located approximately 70 feet west of current center line for HWY 36. Site is also listed in the LUST Database.
1190	403 South Brooks Brazoria, TX 77422	18	WP-088	Davis Tire and Automotive Service	Yes	East	Two composite (steel w/FRP laminate) USTs (unreported construction). Both 10,000-gallon gasoline USTs. Both USTs were reportedly installed on 01/01/94 and reportedly removed from the ground on 12/10/97.	No	No releases reported. No indications of former UST location during site reconnaissance. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
Not Applicable	311 West Texas Brazoria, TX 77422	18	N/A	Brazoria Telephone Co.	No	West	One 500-gallon diesel UST (unreported construction). UST was reportedly installed on 01/01/83 and removed from the ground on [illegible]	No	No releases reported. No indication of former UST location during site reconnaissance. *Site is not located within 1/8 mile of the project area.*
1183	312 S. Brooks Brazoria, TX 77422	18	WP-086	Nam Stop-N-Drive (Phillips 66 Service Station)	Yes	West	Five steel USTs. Two 10,000-gallon single-walled gasoline USTs, one 1,000-gallon single-walled gasoline UST, one 4,000-gallon single-walled diesel UST, and one 1,000-gallon gasoline UST (unreported construction). The 1,000-gallon gasoline UST has been reportedly abandoned in-place. All five USTs were reportedly installed on 01/01/73 and the other four USTs are reportedly still in use.	Yes	No releases reported. The UST manways were located approximately 50 feet west of current center line for HWY 36.
Not Applicable	301 East Texas Street Brazoria, TX 77422	18	N/A	City of Brazoria	No	East	Four steel USTs (unreported construction). One 6,000-gallon gasoline UST, one 8,000-gallon gasoline UST, one 2,000-gallon gasoline UST, and one 2,000-gallon diesel UST. All four USTs were reportedly installed on 08/31/87 and removed from the ground on 02/04/99.	No	No releases reported. No recognized environmental conditions currently exist at the Site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical undocumented releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern.
Not Applicable	4311 South Front Street Brookshire, TX 77492	18	N/A	Brookshire Gulf (Brookshire Tire and Muffler)	No	Not located along the SH 36 Corridor	Four steel USTs (unreported construction). One 4,000-gallon gasoline UST and three 2,000-gallon gasoline USTs. All USTs were reportedly installed on 01/01/71 and are all reportedly still in use.	No	No releases reported. *Site is not located within 1/8 mile of the project area.*

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4.
Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

SUMMARY OF PHASE I ESA REPORT

TNRCC Underground Storage Tank (UST) Database Report - Continued									
Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	1111 Front Street Brenham, TX 77423	18	N/A	City of Brenham	No	Not located along the SH 36 Corridor	Two steel USTs (unreported construction). Both 1,000-gallon gasoline USTs. Both USTs were reportedly installed on 01/01/60 and removed from the ground on 02/11/91	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Not Applicable	1905 Front Street Brenham, TX 77423	18	N/A	Roy Wright Used Cars	No	Not located along the SH 36 Corridor	Three single-walled steel 1,000-gallon USTs (unreported contents). All USTs have been reportedly removed from the ground. All three USTs have an unreported installation date and were reportedly removed from the ground on 04/29/91	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Could not locate	201 N Brooks Brenham, TX 77422	19	N/A	Mobil Oil	Could Not Locate	Could Not Locate	Four steel USTs (unreported construction). Two 1,000-gallon gasoline USTs, one 500-gallon gasoline UST, and one 500-gallon diesel UST. Three gasoline USTs were reportedly installed on 01/01/48 and the diesel UST was reportedly installed on 01/01/79. All four USTs were reportedly removed from the ground on 01/14/91	No	LPW requested, no apparent threats or impacts to receptors. Final concurrence issued, case closed. Site is also listed in the LUST Database.
Not Applicable	1001 Market Street Brenham, TX 77422	18	N/A	Brenham County Pct. 4	No	East	One 1,000-gallon gasoline steel UST (unreported construction). UST was reportedly installed on 01/01/71 and removed from the ground on 01/01/90	No	No releases reported. No recognized environmental conditions currently exist at the site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical unannounced releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern
1318	1301 South Brooks Brenham, TX 77422	19	WP-091	Brooks #1	Yes	East	Four steel USTs (unreported construction). Two 10,000-gallon gasoline USTs and two 10,000-gallon diesel USTs. One diesel UST and both gasoline USTs were reportedly installed on 01/01/77, one diesel UST was reportedly installed on 01/01/85, and all are reportedly still in use	Yes	LPW requested, public/domestic water supply well within 0.25 miles. Phase II in progress. Site is also listed in the LUST Database.
1303	113 West Tenne Street Brenham, TX 77422	19	WP-080	Diamond Shamrock # 1422	Yes	East	Three single-walled composite (steel with FRP laminate) USTs. All 12,000-gallon diesel USTs. All three USTs were reportedly installed on 12/01/89 and diesel are reportedly still in use	Yes	No releases reported. The UST manways were located approximately 145 feet west of current center line for HWY 36
Not Applicable	300 Avenue I Alvin, TX 77511	20	N/A	MFS Grain, Inc	No	East	One 1,000-gallon gasoline steel UST (unreported construction). The UST was reportedly installed on 05/01/75 and was reportedly removed from the ground on 08/11/92	Yes	Minor soil contamination - does not require a R.A.P. Final concurrence issued, case closed. Site is also listed in the LUST Database.
1468	10931 HWY 36 R.T.3 Freeport, TX 77541	21	WP-096	Palmer's Grocery and Gas	Yes	West	Two steel USTs (unreported construction). One 2,000-gallon gasoline UST and one 1,120-gallon gasoline UST. Both USTs have an unreported installation date and were reportedly removed from the ground on 03/31/91	No	No releases reported. No recognized environmental conditions currently exist at the site because the USTs have reportedly been removed from the ground. However, the possibility does exist for historical unannounced releases of petroleum products from the former on-site UST system. Therefore, Harding ESE can not eliminate the Site as a potential area of concern
Not Applicable	411 Surfside Lane Freeport, TX 77541	22	N/A	Bridge Harbor Yacht Club	No	East	One 1,000-gallon diesel steel UST, two 12,000-gallon diesel fiberglass Reinforced Plastic (FRP) USTs, and one 15,000-gallon FRP gasoline UST. All four USTs have an unreported construction. All four USTs were reportedly installed on 03/01/86 and diesel are reportedly still in use	No	Group 3 Contaminant, effluent on ground soil only. Final concurrence issued, case closed. Site is also listed in the LUST Database.
Could not locate	7116 HWY 36 - Route 1 Freeport, TX 77541	23	N/A	Igas Oil	Could Not Locate	Could Not Locate	Three steel USTs (unreported construction). Two 8,000-gallon USTs (unreported contents) and one 4,000-gallon UST (unreported contents). All USTs were reportedly installed on 06/11/87 and reportedly removed from the ground on 08/11/98	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
1462	7302 HWY 36 Freeport, TX 77541	24	WP-103	Western Oil Co	Yes	East	Two composite (steel with FP laminate) USTs (unreported construction). One 20,000-gallon gasoline UST and one 15,000-gallon diesel UST. Both USTs were reportedly installed on 07/24/97 and both USTs are reportedly still in use	Yes	No releases reported
1466	6335 S HWY 36 Freeport, TX 77541	25	WP-105	Former Chevron Service Station	Yes	West	Three USTs (unreported construction). Two 2,500-gallon gasoline USTs, one 2,000-gallon diesel UST, one 2500-gallon diesel UST, and one 550-gallon used oil UST. All USTs were reportedly installed on 01/01/70 and reportedly removed from the ground on 12/12/96	Yes	LPW requested, public/domestic water supply well within 0.25 miles. Phase II in progress and corrective action is in progress. Site is also listed in the LUST Database.
1468	8130 HWY 36 Freeport, TX 77541	26	WP-101	Food Mart (Diamond Shamrock)	Yes	East	Three single-walled steel USTs. Two 8,000-gallon gasoline USTs and one 6,000-gallon gasoline UST. The two 8,000-gallon USTs were reportedly installed on 01/01/70 and the 6,000-gallon UST was reportedly installed on 01/01/85. All three USTs are reportedly still in use	Yes	No releases reported
Not Applicable	1021 West Broad Freeport, TX 77541	27	N/A	Freeport CO and Tel	No	East	One 2,000-gallon diesel fiberglass-reinforced plastic (FRP) UST (unreported construction). The UST was reportedly installed on 12/01/70 and is reportedly still in use	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Not Applicable	1024 West Broad Freeport, TX 77541	27	N/A	Diamond Food Mart #3	No	East	Three steel USTs (unreported construction). One 8,000-gallon gasoline UST, one 6,000-gallon gasoline UST, and one 4,000-gallon gasoline UST. Both the 6,000 and 8,000-gallon USTs were reportedly installed on 01/01/79 and the 4,000-gallon UST was reportedly installed on 01/01/88, and all are reportedly still in use	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Not Applicable	412 N. Second Street Alvin, TX 77511	27	N/A	B&O Wrecker Service Inc	No	East	Three steel USTs. One 2,000-gallon gasoline UST, one 1,000-gallon diesel UST, and one 1,000-gallon gasoline UST. All three USTs are of unreported construction. Both the 2,000-gallon and 1,000-gallon USTs were reportedly installed on 01/01/78 and reportedly were removed from the ground on 12/10/93. The 1,000-gallon UST has an unreported installation date and has been reportedly abandoned in-place	No	LPW requested, no apparent threats or impacts to receptors. Phase II in progress. Site is also listed in the AST and LUST Databases.
Not Applicable	403 South First Freeport, TX 77541	27	N/A	Mitchell's Pier	No	East	Three steel USTs (unreported construction). Two 6,000-gallon gasoline USTs and one 6,000-gallon diesel UST. All USTs were reportedly installed on 01/01/77 and reportedly removed from the ground on 12/12/98	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Not Applicable	1108 Ave A Freeport, TX 77541	27	N/A	Service Center	No	East	Two fiberglass-reinforced plastic (FRP) USTs (unreported construction). One 9,999-gallon gasoline UST and one 9,999-gallon diesel UST. Both USTs have an unreported installation date and are reportedly still in use	No	No releases reported. *Site is not located within 1/2 mile of the project area.*

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4. Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

TANKS Underground Storage Tank (UST) Database Report - Continued

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Condition (likely to compromise subject property) (yes/no)	Comments
Not Applicable	402 S Ave A Freeport, TX 77541	27	N/A	Sergio Garage	No	East	Four steel USTs (unreported construction) Two 2,000-gallon gasoline USTs, one 1,000-gallon gasoline UST, and one 550-gallon used oil UST All USTs were reportedly installed on 01/01/57 and reportedly removed from the ground on 03/19/94	No	No releases reported *Site is not located within 1/8 mile of the project area.*
Not Applicable	331 S Ave A Freeport, TX 77541	27	N/A	Handi Stop #72	No	East	Three fiberglass-reinforced plastic (FRP) USTs (unreported construction) All 8,000-gallon gasoline USTs All USTs were reportedly installed on 04/01/90 and all are reportedly still in use	No	No releases reported *Site is not located within 1/8 mile of the project area.*
Not Applicable	617 S Ave D Freeport, TX 77541	27	N/A	Sunbry Construction Company	No	East	One single-walled steel 10,000-gallon gasoline UST UST was reportedly installed on 01/01/76 and reportedly removed from the ground on 07/26/93	No	GW impacted, no apparent threats or impacts to receptors Final concurrence issued, case closed Site is also listed in the LUST Database. *Site is not located within 1/8 mile of the project area.*
Not Applicable	201 S Ave A Freeport, TX 77541	27	N/A	Vacant	No	East	Three single-walled steel USTs All 3,000-gallon gasoline USTs All USTs have been reportedly removed from the ground All USTs were reportedly installed on 08/31/87 and removed from the ground on 04/08/94	No	No GW impacted, no apparent threats or impacts to receptors Final concurrence issued, case closed Site is also listed in the LUST Database *Site is not located within 1/8 mile of the project area.*
Not Applicable	402 S D Street Freeport, TX 77541	27	N/A	Handi Stop #3	No	East	Three components (steel w/FRP internals) USTs (unreported construction) All 12,000-gallon gasoline USTs All three USTs were reportedly installed on 01/01/85 and all are reportedly still in use	No	No GW impact, no apparent threats or impacts to receptors Final concurrence issued, case closed Site is also listed in the LUST Database. *Site is not located within 1/8 mile of the project area.*
Not Applicable	320 S Gulf Blvd Freeport, TX 77541	27	N/A	Diamond Food Mart # 2	No	East	Three single-walled steel USTs All 6,000-gallon gasoline USTs All three USTs were reportedly installed on 01/01/79 and reportedly removed from the ground on 11/24/98	No	No GW impact, no apparent threats or impacts to receptors Final concurrence issued, case closed Site is also listed in the LUST Database. *Site is not located within 1/8 mile of the project area.*
Not Applicable	HWY 271 Jamaica, TX	28	N/A	Johnsons Grocery and Station	No	East	Two steel USTs (unreported construction) Both 2,000-gallon gasoline USTs Both USTs were reportedly installed on 01/01/80 and both are reportedly still in use	No	No releases reported *Site is not located within 1/8 mile of the project area.*
Not Applicable	1800 West 2nd Street Freeport, TX 77541	30	N/A	Brazosport I S D	No	East	One 2,000-gallon gasoline steel UST (unreported construction) UST was reportedly installed on 01/01/73 and reportedly removed from the ground on 09/01/90	No	No releases reported *Site is not located within 1/8 mile of the project area.*
Not Applicable	1852 1/2 West 2nd Street Freeport, TX 77531	30	N/A	8 271	No	East	Six steel USTs Two 6,000-gallon gasoline USTs, one 3,000-gallon diesel UST, one 500-gallon used oil UST, and two 35-gallon hydraulic oil USTs All USTs are of unreported construction The 3,000-gallon UST was reportedly installed on 01/01/74 and reportedly removed from the ground on 11/30/98 The two 6,000-gallon USTs were reportedly installed on 01/01/86 and reportedly removed from the ground on 11/30/98 The 500-gallon UST was reportedly installed on 01/01/86 and removed from the ground on 11/30/98, and the two 35-gallon USTs were reportedly installed on 01/01/86 and are reportedly still in use	No	GW impacted, no apparent threats or impacts to receptors Phase II in progress Site is also listed in the LUST Database. *Site is not located within 1/8 mile of the project area.*
Not Applicable	215 East 5th Street Freeport, TX 77541	31	N/A	AC Short Mart and Air Cond	No	East	Three steel USTs (unreported construction) Two 2,000-gallon gasoline USTs and one 500-gallon diesel UST The two gasoline USTs were reportedly installed on 01/01/80 and reportedly removed from the ground on 04/30/91, and one diesel UST was reportedly installed on 01/01/71 and reportedly removed from the ground on 12/31/99	No	No releases reported Site is also listed in the AST Database *Site is not located within 1/8 mile of the project area.*
Not Applicable	131 East 5th Freeport, TX 77541	31	N/A	Freeport Drive In Grocery	No	East	Three steel USTs (unreported construction) Two 4,000-gallon gasoline USTs and one 4,000-gallon diesel UST All USTs have reportedly been removed from the ground All three USTs were reportedly installed on 01/01/74 and reportedly removed from the ground on 12/09/98	No	Initial directives awaiting initial response Site is also listed in the LUST Database. *Site is not located within 1/8 mile of the project area.*
Not Applicable	105 West 4th Freeport, TX 77541	31	N/A	Brazosport Building Supply Co	No	East	One 10,000-gallon gasoline steel UST (unreported construction) The UST has been reportedly removed from the ground The UST was reportedly installed on 01/01/80 and reportedly removed from the ground on 11/30/89	No	No releases reported *Site is not located within 1/8 mile of the project area.*
Not Applicable	300 East 2nd Street Freeport, TX 77541	31	N/A	W H Pease Jr	No	East	Three steel USTs (unreported construction) Two 2,000-gallon diesel USTs and one 1,000-gallon gasoline UST All USTs have been reportedly removed from the ground All three USTs were reportedly installed on 01/01/46 and were reportedly removed from the ground on 01/24/91	No	Soil contamination - no remedial action required Final concurrence issued, case closed Site is also listed in the LUST Database. *Site is not located within 1/8 mile of the project area.*
Not Applicable	402 West 4th Street Freeport, TX 77541	31	N/A	Brazos Co USA 64052	No	East	Four steel USTs (unreported contents and construction) Two 8,000-gallon USTs, one 6,000-gallon UST and one 550-gallon UST All USTs have been reportedly abandoned in place None of the four USTs have a reported installation date	No	No releases reported *Site is not located within 1/8 mile of the project area.*
Not Applicable	200 West 2nd Freeport, TX 77541	31	N/A	Vacant Lot	No	East	Four single-walled steel USTs Two 2,000-gallon gasoline USTs, one 500-gallon used oil UST, and one 1,000-gallon kerosene UST All four USTs were reportedly installed on 08/31/87 and reportedly removed from the ground on 09/25/97	No	No releases reported *Site is not located within 1/8 mile of the project area.*
Not Applicable	221 West 2nd Street Freeport, TX 77541	31	N/A	Shamrock Mini Mart	No	East	Two single-walled 10,000-gallon steel USTs Both USTs were reportedly installed on 01/01/75 and both are reportedly still in use	No	GW impacted, no apparent threats or impacts to receptors Final concurrence issued, case closed Site is also listed in the LUST Database *Site is not located within 1/8 mile of the project area.*
Not Applicable	240 West 2nd Street Freeport, TX 77541	31	N/A	Intermodex, Inc	No	East	Eight single-walled steel USTs Six 10,000-gallon gasoline USTs, one 500-gallon diesel UST, and one UST of unreported capacity and contents Seven reported-capacity USTs were reportedly installed on 01/01/79, and the unreported-capacity UST has an unreported installation date All eight USTs were reportedly removed from the ground on 03/16/93	No	No releases reported *Site is not located within 1/8 mile of the project area.*
Not Applicable	430 West 2nd Street Freeport, TX 77541	31	N/A	Medanos Shop	No	East	Two single-walled steel USTs (unreported contents and capacity) Both USTs were reportedly installed on 08/31/87 and were reportedly removed from the ground on 12/08/95	No	No GW impact, no apparent threats or impacts to receptors Initial directives issued awaiting initial response Site is also listed in the LUST Database. *Site is not located within 1/8 mile of the project area.*
Not Applicable	530 West 2nd Freeport, TX 77541	31	N/A	Carlo's Garage	No	East	One UST (unreported contents, construction, and capacity) UST was reportedly abandoned in-place The UST has an unreported installation date	No	No releases reported *Site is not located within 1/8 mile of the project area.*

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4.
Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

TNRCC Underground Storage Tank (UST) Database Report - Continued

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (Target or Adjoining Property)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	402 West 2nd Street Freeport, TX 77541	31	N/A	Abandoned Station	No	East	Six USTs. Four steel USTs and two USTs of unreported construction material. All six USTs are of unreported construction. Three 6,000-gallon gasoline USTs, two 4,000-gallon gasoline USTs, and one 550-gallon used oil UST. All six USTs were reportedly installed on 08/31/87 and were reportedly removed from the ground on 06/09/99	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Not Applicable	420 West 2nd Freeport, TX 77541	31	N/A	Grandma's Inc.	No	East	Two steel USTs (unreported construction). Both 1,000-gallon gasoline USTs. Both USTs were reportedly installed on 01/01/76 and are reportedly still in use.	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Not Applicable	10 Ash Freeport, TX 77541	31	N/A	Shrimp Boat Store	No	East	One 1,000-gallon diesel steel UST (unreported construction). The UST was reportedly installed on 01/01/80 and removed from the ground on 04/01/90	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Not Applicable	Brazosport Blvd Freeport, TX 77541	32	N/A	Brazosport I. School District	No	East	One 2,000-gallon gasoline steel UST (unreported construction). The UST was reportedly installed on 01/01/71 and was reportedly removed from the ground on 07/02/90	No	No releases reported. *Site is not located within 1/2 mile of the project area.*
Not Applicable	1001 Pine St Freeport, TX 77541	33	N/A	Brazos River Harbor Navigation	No	West	Two steel USTs (unreported construction). One 2,000-gallon gasoline UST and one 4,000-gallon UST (unreported content). The 2,000-gallon UST was reportedly installed on 01/01/71 and reportedly removed from the ground on 01/16/90, and the 4,000-gallon UST was reportedly installed on 01/01/83 and reportedly removed from the ground on 04/29/97	No	No releases reported. Site is also listed in the AST Database. *Site is not located within 1/4 mile of the project area.*

State Hazardous Waste (SHWS) Database

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (0.5-mile Radius)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments

No State Hazardous Waste sites were identified within a one-mile search of the site.

State Landfill (SWF/LF) Database

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (0.5-mile Radius)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments

No State Landfill sites were identified within a one half-mile search of the site.

MSW Closed and Abandoned Landfills (SLF) Database

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (0.5-mile Radius)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments

No MSW Closed and Abandoned Landfill sites were identified within a one half-mile search of the site.

Federal ASTM Supplemental

Facility Index System (FINDS)

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (No Search Distance Specified - Default to Target or Adjoining)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	9791 HWY 36 Oyster, TX 77464	2	N/A	County Fuel Station	No	Not located along the SH 36 Corridor	Steel, single walled UST	No	Other pertinent environmental activity identified at Site: Enforcement Document System (DOCKET). *Site is not located within 1/4 mile of the project area.*
854	10430 HWY 36 Oyster, TX 77430	8	WP-020	County Commerce Inc	Yes	East	No information reported in EDR Database report	Yes	Other pertinent environmental activity identified at Site: Enforcement Document System (DOCKET). Site is also listed in the UST Database.
Could not locate	15514 Longpoint Damboiseau Clay, TX 77466	10	N/A	Houston Pipeline Industries Corp	Could Not Locate	Could Not Locate	No information reported in EDR Database report	No	Small Quantity Generator. Site was not found in phone information directories for the area. Site is also listed in the RCRIS-SQG Database.
707	213 S Columbia Drive West Columbia, TX 77486	12	WP-060	Carroll Motor Co Inc (Mart Wright Ford Mercury)	Yes	East	No information reported in EDR Database report	Yes	No violations found. Site is also listed in the RCRIS-SQG, LUST, UST, and TX HW Databases.
Not Applicable	404 W Brazos W Columbia, TX 77486	12	N/A	The Country Pantry Inc	No	East	No information reported in EDR Database report	No	Small Quantity Generator. No violations found. Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	317 W Brazos West Columbia, TX 77486	12	N/A	Texas Blasting Inc (Lalo's Mama's Restaurant)	No	West	No information reported in EDR Database report	No	Hazardous Waste Transporter. No violations found. Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*
713	801 South 17th Street West Columbia, TX 77486	13	WP-057	Phillips Petroleum Co (SS # 27036)	Yes	East	No information reported in EDR Database report	Yes	Small Quantity Generator. No violations found. Site is also listed in the RCRIS-SQG, LST, LUST and TX HW Databases.
Not Applicable	714 South 14th Street West Columbia, TX 77486	14	N/A	West Columbia-Brazoria LID	No	East	Sewer plant for Section 8 substitute water production	No	Other pertinent environmental activity identified at Site: Notified Compliance Database. Site is also listed in the FTTS Database. *Site is not located within 1/4 mile of the project area.*
Could not locate	14417 HWY 36 W Columbia, TX 77486	15	N/A	A&B Lease Services Inc	Could Not Locate	Could Not Locate	No information reported in EDR Database report	No	Hazardous waste transporter. No violations found. Site was not found in phone information directories for the area. Site is also listed in the RCRIS-SQG Database.
Not Applicable	1002 West Second Freeport, TX 77541	30	N/A	Brazosport High School	No	East	Public School	No	Small quantity generator. No violations found. Site is also listed in the RCRIS-SQG and TX HW Databases. *Site is not located within 1/4 mile of the project area.*
1447	HWY 36 Bld S Brazoria, TX 77422	17	N/A	TDC Chemco	Yes	East	No information reported in EDR Database report	Yes	Small Quantity Generator. Violations found. Site is also listed in the RCRIS-SQG Database.
1317	1100 S Brazos Brazoria, TX 77422	19	WP-092	Industrial Hot Services	Yes	West	No information reported in EDR Database report	Yes	Small Quantity Generator. No violations found. Site is also listed in the RCRIS-SQG and TX HW Databases.

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4.
Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

Facility Index System (FINDS) - GeoSearch

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (No Search Distance Specified - Default is Target or Adjoining)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	1018 Tarpon Lane Freeport, TX 77541	25	N/A	Mono Operating LTD-Freeport Shortcuts	No	East	No information reported in EDR Database report	No	Small Quantity Generator No violations found Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/2 mile of the project area.*
Not Applicable	1010 West Second St Freeport, TX 77541	27	N/A	Texas Crosstown/Captain Elliott	No	East	No information reported in EDR Database report	No	Hazardous waste transporter No violations found Site is also listed in the RCRIS-SQG and TX IHW Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1400 East Brazos Street Freeport, TX 77541	27	N/A	Old River Iron Works	No	East	No information reported in EDR Database report	No	Conditionally exempt small quantity generator No violations found Site is also listed in the RCRIS-SQG and TX IHW Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	County Road 229 Mile E Freeport, TX 77541	27	N/A	Nalco Exxon Energy Chemicals	No	East	Manufacturers of alkyl and anti-knock compounds	No	Large quantity generator Violations exist. This Site is also listed in the RCRIS-LQG, CERCLIS, TRIS and TSCA Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1802 W Second Freeport, TX 77541	30	N/A	Brazosport High School	No	East	No information reported in EDR Database report	No	Small quantity generator No violations found Site is also listed in the RCRIS-SQG and TX IHW Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	240 Tarpon Inn Village Freeport, TX 77541	31	N/A	Innovatics Inc	No	East	No information reported in EDR Database report	No	Classification not reported Violations exist Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	222 West Second Freeport, TX 77541	31	N/A	Mineo Operators Inc	No	East	No information reported in EDR Database report	No	Hazardous waste transporter No violations found Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	921 W Second Street Freeport, TX 77541	31	N/A	Williams Diesel Inc	No	East	No information reported in EDR Database report	No	Small quantity generator No violations found Site is also listed in the RCRIS-SQG and TX IHW Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1.5 M South of J Creek on Stowey Rd Freeport, TX 77541	31	N/A	Phillips Pet Co James Creek Terminal	No	East	No information reported in EDR Database report	No	Large quantity generator No violations found Site is also listed in the RCRIS-LQG and TRIS Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	615 West Second Street Freeport, TX 77541	31	N/A	Wix-Way Inc	No	East	No information reported in EDR Database report	No	Classification not reported No violations found Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1200 East Brazos Freeport, TX 77541	33	N/A	M-I Drilling Fluids Co - Freeport	No	East	No information reported in EDR Database report	No	Conditionally exempt small quantity generator No violations found Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	HWY 288 Dow Brazos Inc 2 Freeport, TX 77541	33	N/A	Chevron Pipe Line Co	No	East	No information reported in EDR Database report	No	Small Quantity Generator No violations found Site is also listed in the RCRIS-TSDF Generator Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	2511 County Road 1495 Mobil Dock Freeport, TX 77541	34	N/A	Kilgore Marine Inc - KI-KIV	No	East	No information reported in EDR Database report	No	Hazardous waste transporter No violations found Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	Rd 1495 3/10 Mi S HWY 288 Freeport, TX 77541	34	N/A	BASF Corp Harbor Terminal	No	East	No information reported in EDR Database report	No	Classification not reported Other pertinent area environmental activity identified at site AIRS Facility System Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	2511 FM 1495 Freeport, TX 77541	34	N/A	Mobil Producing Texas and New Mexico Inc	No	West	No information reported in EDR Database report	No	Small quantity generator Hazardous waste transporter No violations found Site is also listed in the RCRIS-SQG Database. *Site is not located within 1/4 mile of the project area.*

RCRA Administrative Action Tracking System (RAATS)

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (No Search Distance Specified - Default is Target or Adjoining)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	302 Midway Freeport, TX 77541	29	N/A	Gulf Chem and Metallurgical	No	East	Metals recovery processor extracting Molybdenum and Vanadium from spent oil refinery hydrocracker catalyst	No	Preliminary assessment of site completed on 11/01/1980 Site is also listed in the CORRACTS, CERC-NFRAP, RCRIS-SQG, TRIS, and RCRIS-TSD Databases. *Site is not located within 1/4 mile of the project area.*

Toxic Chemical Release Inventory System (TRIS)

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (No Search Distance Specified - Default is Target or Adjoining)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	County Road 229 Mile E Freeport, TX 77541	27	N/A	Nalco Exxon Energy Chemicals	No	East	Manufacturers of alkyl and anti-knock compounds	No	Large quantity generator Violations exist Site is also listed in the CERCLIS, FINDS, RCRIS-LQG, and TSCA Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	302 Midway Freeport, TX 77541	29	N/A	Gulf Chem and Metallurgical	No	East	Metals recovery processor extracting Molybdenum and Vanadium from spent oil refinery	No	Preliminary assessment of site completed on 11/01/1980 Site is also listed in the CORRACTS, CERC-NFRAP, RCRIS-SQG, RCRIS-TSD and the RAATS Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1.5 M South of J Creek on Stowey Rd Freeport, TX 77541	31	N/A	Phillips Petroleum Co James Creek Terminal	No	West	No information reported in EDR Database report	No	Large quantity generator No violations found Site is also listed in the RCRIS-LQG and FINDS Databases. *Site is not located within 1/4 mile of the project area.*

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4.
Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (No Search Distance Specified - Default to Target or Adjoining)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Texas Substances Control Act (TSCA)									
Not Applicable	County Road 139 [illegible] Freeport, TX 77541	27	N/A	Nalco Exxon Energy Chemicals	No	East	Manufacturer of alkyl and sulfonate components	No	Large quantity generator. Violations exist. Site is also listed in the CERCLIS, FINDS, RCRIS-LQG, and TRIS Databases. *Site is not located within 1/4 mile of the project area.*
FTTS									
Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (No Search Distance Specified - Default to Target or Adjoining)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
Not Applicable	714 South 14th Street West Columbia, TX 77486	34	N/A	West Columbia-Brazoria LID	No	East	Several grant for Section 6 asbestos worker protection	No	Other pertinent environmental activity identified at Site: Notice and Compliance Deadline. Site is also listed in FINDS Database. *Site is not located within 1/4 mile of the project area.*
State or Local ASTM Supplemental									
Above Ground Storage Tank (AST)									
Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (No Search Distance Specified - Default to Target or Adjoining)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
858	18618 HWY 36 Otey, TX 77466	8	WP-002	Schultz Sales, Inc. - Otey	Yes	West	One 22,000-gallon diesel AST (some spent and construction material reported)	Yes	No release reported. During site reconnaissance two large ASTs were identified on site.
Not Applicable	913 N Second Street Alvin, TX 77512	27	N/A	BAG Wireless Sales Inc	No	East	One 10,000-gallon gasoline AST (contained in concrete, construction material not reported)	No	No release reported. Site is also listed in LUST and UST Databases.
Not Applicable	1010 E 2nd Street Freeport, TX 77541	27	N/A	Cayman Electric Power Boats Inc	No	East	Two 10,000-gallon diesel ASTs (contained in concrete, construction material not reported)	No	No release reported. *Site is not located within 1/4 mile of the project area.*
Not Applicable	211 East 5th Street Freeport, TX 77541	31	N/A	AC Sheet Metal and Air Cond	No	East	Two 2,000-gallon diesel ASTs (containment and contents unknown)	No	No release reported. Site is also listed in UST Database. *Site is not located within 1/4 mile of the project area.*
Not Applicable	220 East 2nd Freeport, TX 77541	31	N/A	Harbor Ice and Fuel	No	East	Four ASTs: One 11,500-gallon used diesel AST (contained in concrete); One 11,300-gallon diesel AST (contained in concrete, construction material unknown); two 14,000-gallon diesel ASTs (contained in concrete, construction material unknown)	No	No release reported. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1001 Pine St Freeport, TX 77541	31	N/A	Brazos River Harbor Navigation	No	East	One 12,000-gallon diesel AST (contained in concrete, construction material unknown)	No	No release reported. Site is also listed in UST Database. *Site is not located within 1/4 mile of the project area.*
Industrial and Hazardous Waste Database (TX IHW)									
Closest Highway Station	Location	Map ID	Waypoint Designation	Name	Within ASTM Standard Minimum Search Distance (No Search Distance Specified - Default to Target or Adjoining)	Direction From SH-36 Corridor	Description	Recognized Environmental Conditions (likely to contaminate subject property) (yes/no)	Comments
707	113 S Columbia Drive West Columbia, TX 77486	12	WP-060	Carroll Motor Co Inc (Mark Wiggins Ford-Mercury)	Yes	East	Reportedly a generator of hazardous waste	Yes	Waste generator. Site is also listed in the RCRIS-SQG, LUST, UST, and FINDS Databases.
Not Applicable	300 Crows Way West Columbia, TX 77486	12	N/A	Texas-New Mexico Power Company	No	East	Provides electric services, lines & utilities	No	Non-industrial and/or municipal waste generator, CESQG. Site is also listed in the UST and LUST Databases. *Site is not located within 1/4 mile of the project area.*
753	801 South 17th Street West Columbia, TX 77486	13	WP-057	Phillips Petroleum Co Station # 27063	Yes	East	No information reported in EDR Database report	Yes	Non-industrial and/or municipal waste generator, SQG. Site is also listed in the RCRIS-SQG and FINDS Databases.
1217	1300 E Brooks Brazoria, TX 77422	19	WP-092	Industrial Has a Service	Yes	West	Metal, stone, and mineral manufacturing	Yes	Industrial waste generator, SQG. Site is also listed in the RCRIS-SQG and FINDS Databases.
Not Applicable	1010 West Second St Freeport, TX 77541	27	N/A	Texas Crosbands-Captain Elliott	No	East	Active facility	No	Transporter of waste. Site is also listed in the RCRIS-TSDF Generator and FINDS Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1400 East Brazos Street Freeport, TX 77541	27	N/A	Old River Iron Works	No	East	Marine cargo handling	No	Generator of waste. Transporter of hazardous waste. Site is also listed in the RCRIS-TSDF Generator and FINDS Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	1800 West 2nd Street Freeport, TX 77541	30	N/A	Brazosport High School	No	East	Public school	No	Non-industrial and/or municipal waste generator, SQG. Site is also listed in the RCRIS and FINDS Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	222 West Second Freeport, TX 77541	31	N/A	Mesco Operators Inc	No	East	No information reported in EDR Database report	No	Transporter of waste. Site is also listed in the RCRIS and FINDS Databases. *Site is not located within 1/4 mile of the project area.*
Not Applicable	602 W Broad Street Freeport, TX 77541	31	N/A	Williams Diesel Inc	No	East	Repair shops and related services	No	Non-industrial and/or municipal generator of waste, CESQG. *Site is not located within 1/4 mile of the project area.*
Not Applicable	415 West Second Street Freeport, TX 77541	31	N/A	Win-Way Inc	No	East	No information reported in EDR Database report	No	Non-industrial and/or municipal generator of waste, not a hazardous waste generator. *Site is not located within 1/4 mile of the project area.*

NOTE: All Sites listed in the EDR Corridor Study Report that were determined to be located in the vicinity of the SH-36 Corridor are included in Table 4. Many of the sites listed in Table 1 ARE NOT located in the vicinity of the SH-36 Corridor.

Hartledge Road Soils Descriptions
SH 36 Soils Descriptions

Hartledge Road Soil Descriptions
From US 59 (S) to SH 36

Description of soils

Soils within the project limits were of three series: Lake Charles, Edna, and Bernard.

Lake Charles clay (La): This soil is nearly level with slopes averaging 0.1 percent. The surface layer is generally very firm when moist. The color of the soil is a very dark gray. This soil is somewhat poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small areas of Beaumont (TX0022), Bernard, Edna, and Pledger soils. Lake Charles, Bernard, Edna, and Pledger are not considered hydric, but Beaumont is considered a hydric soil by both the local NRCS office and the National Technical Committee for Hydric Soils (NTCHS).

Edna fine sandy loam (Ea): This soil is nearly level with slopes averaging 0.2 percent. The surface layer is friable when moist and very hard when dry. The color of the soil ranges from gray at the surface to very dark gray at around 8 inches. This soil is poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small areas of Aris (TX1111), Bernard, and Leton (TX0828) soils. Edna, Aris, and Bernard are not considered hydric, but Leton is considered hydric by the local NRCS and the NTCHS.

Bernard-Edna Complex (Be): This complex consists of nearly level soils with slopes averaging 0.2 percent. The color of the Bernard soils ranges from very dark grayish brown at the surface to dark gray at around 12 inches. The color of the Edna soils is dark gray. The soils in this complex are somewhat poorly drained to poorly drained. Surface runoff and permeability are very slow. Included in this soil mapping are small areas of Aris (TX1111), Lake Charles, and Leton (TX0828) soils. Bernard, Edna, and Lake Charles are not considered hydric, but Aris and Leton are considered hydric by the local NRCS and the NTCHS.

SH 36 Soils Descriptions

Mapped soil types and descriptions located along the proposed SH 36 alignment between Rosenberg and Freeport in Fort Bend and Brazoria Counties.

Soil Series	Soil Type
Edna	Edna fine sandy loam, 0 to 1 percent slopes: This soil is nearly level with slopes averaging 0.2 percent. The surface layer is friable when moist and very hard when dry. The color of the soil ranges from gray at the surface to very dark gray at around 8 inches. This soil is poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small areas of Aris, Bernard, and Leton (TX0828) soils. Edna, Aris, and Bernard are not considered hydric, but Leton is considered hydric by the local NRCS office and the National Technical Committee for Hydric Soils (NTCHS). Hydric soils are defined as soils that are saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper part of the soil.
	Edna fine sandy loam, 1 to 5 percent slopes: This soil is gently sloping with slopes averaging 3 percent. The surface layer is friable when moist and very hard when dry. The color of the soil is dark gray. This soil is poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small areas of Bernard soils. Edna and Bernard are not considered hydric.
	Edna-Aris complex: This complex consists of nearly level soils with slopes averaging 0.3 percent. The surface layer of the Edna soils is typically friable. The color of the Edna soils ranges from a dark grayish brown at the surface to dark gray at around 8 inches. The color of the Aris soils ranges from a dark grayish brown at the surface to gray at around 8 inches. The Edna soils are poorly drained. Surface runoff is very slow. The Aris soils are somewhat poorly drained. Surface runoff is slow. Permeability in the soils of this complex is very slow. Included with this soil mapping are small areas of Bernard and Leton (TX0828) soils. Edna and Bernard are not considered hydric, but Aris (TX1111) and Leton are considered hydric by the local NRCS and the NTCHS.
	Edna-Waller complex: This complex consist of soils that are level to nearly level. The surface layer of the Edna

soils is typically friable. The surface layer of the Waller soils is friable when moist, and extremely hard when dry. The color of the Edna soils ranges from grayish brown at the surface to light gray at around 36 inches. The color of the Waller soils ranges from light gray at the surface to mottled gray, reddish-yellow, and brownish-yellow at around 12 inches. This complex is poorly drained. The Edna soils have slow surface runoff and permeability is very slow. The Waller soils have surface runoff and permeability that are very slow. Included with this soil mapping are small areas of Bernard soils. Edna and Bernard are not considered hydric, but Waller (TX0926) is considered hydric by the local NRCS and the NTCHS.

Leton

Leton-Aris complex: This complex consists of nearly level soils with slopes averaging 0.3 percent. The color of the Leton soils ranges from dark grayish brown at the surface to gray at around 21 inches. The color of the Aris soils ranges from a dark grayish brown at the surface to grayish-brown at around 6 inches. The Leton soils are poorly drained. Surface runoff is very slow to ponded and permeability is slow. The Aris soils are somewhat poorly drained. Surface runoff is slow and permeability is moderate. Included with this soil mapping are small areas of Edna and Bernard soils. Edna and Bernard are not considered hydric, but Leton (TX0828) and Aris (TX1111) are considered hydric by the local NRCS and the NTCHS.

Lake Charles

Lake Charles clay, 0 to 1 percent slopes: This soil is nearly level with slopes averaging 0.1 percent. The surface layer is generally very firm when moist. The color of the soil is very dark gray. This soil is somewhat poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small areas of Beaumont (TX0022), Bernard, Edna, and Pledger soils. Lake Charles, Bernard, Edna and Pledger are not considered hydric, but Beaumont is considered hydric by the local NRCS and the NTCHS.

Bernard

Bernard clay loam, 0 to 1 percent slopes: This soil is nearly level with slopes averaging 0.2 percent. The surface layer is friable when moist, hard when dry, and sticky when wet. The color of the soil ranges from very dark gray at the surface to dark gray at around 13 inches. This soil is somewhat poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small

areas of Edna, Lake Charles, Leton (TX0828), and Morey soils. Bernard, Edna, Lake Charles, and Morey are not considered hydric soils, but Leton is considered hydric by the local NRCS and the NTCHS.

Bernard-Edna complex: This complex consists of nearly level soils with slopes averaging 0.2 percent. The color of the Bernard soils ranges from very dark grayish brown at the surface to dark gray at around 12 inches. The color of the Edna soils is dark gray. The soils in this complex are somewhat poorly drained to poorly drained. Surface runoff and permeability are very slow. Included in this soil mapping are small areas of Aris (TX1111), Lake Charles, and Leton (TX0828) soils. Bernard, Edna, and Lake Charles are not considered hydric, but Aris and Leton are considered hydric by the local NRCS and the NTCHS.

Bernard-Urban land complex: This complex consists of nearly level soils with slopes averaging 0.2 percent. The color of the Bernard soils is very dark gray. The Bernard soils are somewhat poorly drained. Permeability is very slow. Included in this soil mapping are small areas of Aris (TX1111), Edna, Leton (TX0828), and Lake Charles. Bernard, Edna, and Lake Charles are not considered hydric, but Aris and Leton are considered hydric by the local NRCS and the NTCHS.

Pledger

Pledger clay: This soil is nearly level with slopes averaging 0.1 percent. The surface layer is very firm when moist, very hard when dry, and extremely sticky and plastic when wet. The color of the soil ranges from black at the surface to reddish brown at around 26 inches. This soil is somewhat poorly drained. Surface runoff is slow and permeability is very slow. Included with this soil mapping are small areas of Asa, Brazoria, Norwood, and Sumpf (TX0796) soils. Pledger, Asa, Brazoria, and Norwood are not considered hydric, but Sumpf is considered hydric by the local NRCS and the NTCHS.

Pledger-Urban land complex: This complex consists of soils that are nearly level with slopes averaging 0.1 percent. The color of the Pledger soils ranges from black at the surface to reddish brown at around 26 inches. The Pledger soils are somewhat poorly drained. Surface runoff is slow and permeability is very slow. Included with this soil mapping are small areas of Brazoria, Surfside (TX0756),

and Asa soils. Pledger, Brazoria, and Asa are not considered hydric, but Surfside is considered hydric by the local NRCS and the NTCHS.

Asa

Asa silty clay loam: This soil is nearly level with slopes averaging 0.3 percent. The surface layer is crumbly and moderately friable when moist, hard when dry, and sticky when wet. The color of the soil ranges from dark grayish brown at the surface to reddish brown at around 14 inches. This soil is well drained. Surface runoff is slow and permeability is moderate. Included with this soil mapping are small areas of Brazoria, Norwood, Clemville, and Pledger soils and Asa silt loam. Asa, Brazoria, Norwood, Clemville, and Pledger are not considered hydric.

Asa silt loam: This soil is nearly level with slopes averaging 0.3 percent. The color of the soil ranges from dark grayish brown at the surface to light brown at around 12 inches. This soil is well drained. Surface runoff is slow and permeability is moderate. Include with this soil mapping are small areas of Brazoria, Norwood, Clemville, and Pledger soils and small areas of Asa silty clay loam. Asam, Brazoria, Norwood, Clemville, and Pledger are not considered hydric.

Asa-Urban land complex: This complex consists of soils that are nearly level with slopes averaging 0.3 percent. The color of Asa soils ranges from very dark gray at the surface to reddish brown at around 14 inches. The Asa soils are well drained. Permeability is moderate. Asa is not considered hydric.

Norwood

Norwood silt loam, 0 to 1 percent slopes: This soil is nearly level with slopes averaging 0.3 percent. The surface layer is very friable and crumbly when moist and slightly sticky when wet. The color of the soil is reddish brown. This soil is well drained. Surface runoff is slow and permeability is moderate. Included with this soil mapping are small areas of Asa, Sumpf (TX0796), and Clemville soils. Norwood, Asa, and Clemville are not considered hydric soils, but Sumpf is considered a hydric soil by the local NRCS and the NTCHS.

Norwood silt loam, 1 to 5 percent slopes: This soil is gently sloping with slopes averaging 2.5 percent. The surface layer is very friable and crumbly when moist and slightly

sticky when wet. The color of the soil is stratified with reddish brown and yellowish red. This soil is well drained. Surface runoff is slow and permeability is moderate. Included with this soil mapping are small areas of Aris (TX1111), Brazoria, and Pledger soils. Norwood, Brazoria, and Pledger are not considered hydric, but Aris is considered hydric by the local NRCS and the NTCHS.

Surfside

Surfside clay: This soil is nearly level with slopes averaging 0.2 percent. The color of the soil ranges from very dark gray at the surface to dark gray at around 14 inches. This soil is poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small areas of Harris (TX0019) and Veston (TX0665) soils. Surfside (TX0756), Harris, and Veston are considered hydric soils by the local NRCS and the NTCHS.

Ijam

Ijam clay: This soil is typically nearly level but ranges to sloping with slopes averaging 0.8 percent. The surface layer is very firm. The color of the soil ranges from dark grayish brown at the surface to light brownish gray at around 9 inches. This soil is very poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small areas of Follet (TX0827), Harris (TX0019), Narta (TX0234), Surfside (TX0756), Tracosa (TX0826), and Velasco (TX0752) soils. Ijam (TX0058), Follet, Harris, Narta, Surfside, Tracosa, and Velasco are considered hydric soils by the local NRCS and the NTCHS.

Sumpf

Sumpf clay: This soil is nearly level with slopes averaging 0.4 percent. The color of the soil ranges from dark brown at the surface to dark reddish brown at around 3 inches. This soil is very poorly drained. Surface runoff and permeability are very slow. Sumpf (TX0796) is considered hydric by the local NRCS and the NTCHS.

Katy

Katy fine sandy loam: This soil is nearly level to gently undulating with slopes ranging from 0 to 1 percent. The surface layer is friable. The color of the soil ranges from a light brownish gray at the surface to a very pale brown or light gray at around 10 inches. This soil is poorly drained. Surface runoff is slow and permeability is very slow. Included with this soil mapping are small areas of Waller

(TX0926) soils. Katy is not considered hydric, but Waller is considered hydric by the local NRCS and the NTCHS.

Waller

Waller soils: The surface layer is friable when moist and extremely hard when dry. The color of the soil ranges from light gray at the surface to a mottled gray, reddish-yellow, and brownish-yellow at around 12 inches. This soil is poorly drained. Surface runoff and permeability are very slow. Included with this soil mapping are small areas of Edna soils. Edna is not considered hydric, but Waller (TX0926) is considered hydric by the local NRCS and the NTCHS.

Sources

Natural Resource Conservation Service (NRCS)- United States Department of Agriculture. 1981. Soil Survey of Brazoria County, Texas. In cooperation with Brazoria County Commissioners Court and Texas Agricultural Experiment Station.

Natural Resource Conservation Service (NRCS)- United States Department of Agriculture. 1960. Soil Survey of Fort Bend County, Texas. In cooperation with Texas Agricultural Experiment Station.

NRCS – United States Department of Agriculture. 1992. Hydric Soils in Fort Bend County Area, Texas.

NRCS – United States Department of Agriculture. 1991. Hydric Soils in Brazoria County Area, Texas.

National Technical Committee for Hydric Soils (NTCHS)- NRCS – United States Department of Agriculture. 1995. Hydric Soils of the United States.

Stream Crossings List

Photographs of Stream Crossings

Spur 10/SH 36 Stream Crossings
Fort Bend and Brazoria Counties, Texas
SH 36: FM 2218 to FM 1495 and Spur 10 (Hartlege Road), US 59 (S) to SH 36

Crossings Along Hartledge Road

	Crossing Name	*Location/Station Number*	*Description*	*Existing Structure*	*USGS Quad Name*
1)	Coon Creek	20+00	Maintained channel; Graded slopes to the north; Water present.	Timber Bridge	Richmond, Texas
2)	Coon Creek	30+00	Natural channel; Flows through pasture land; Water present.	Timber Bridge	Richmond, Texas
3)	Cottonwood Creek	182+50	Natural channel to the north; Maintained to the south. Fenced along channel in ROW for cattle grazing; Water present; Bridge to water depth approximately 16 ft.; Abandoned railroad crossing along east end of bridge.	Timber Bridge	Needville, Texas

Crossings Along SH 36

	Crossing Name	*Location/Station Number*	*Description*	*Existing Structure*	*USGS Quad Name*
4)	Seabourne Creek	239+50	Box culverts under bridge; Channel maintained; Water present; On south side of creek - Two drainage ditches converge on west side 1) Ustymik and 2) SH36.	Culvert	Needville, Texas
5)	Big Creek	299+50	Water present; Channel maintained; Graded banks; Long concrete bridge; Very wide channel; Many pigeon roosts and swallow nests under bridge.	Bridge	Needville, Texas

Crossing Along Trinity Road

	Crossing Name	*Location/Station Number*	*Description*	*Existing Structure*	*USGS Quad Name*
6)	Foss Creek	None Given	Tributary to Big Creek crossing Trinity Road; East side of channel is maintained; West side is natural; Fairly new steel bridge; Concrete banks under bridge. Some areas of concrete are cracked.	Bridge	Needville, Texas

Spur 10/SH 3 [illegible]eam Crossings
Fort Bend and Brazoria Counties, Texas
SH 36: FM 2218 to FM 1495 and Spur 10 (Hartlege Road), US 59 (S) to SH 36

Crossings Along SH 36

	Crossing Name	*Location/Station Number*	*Description*	*Existing Structure*	*USGS Quad Name*
7)	Foss Creek	331+00	Tributary to Big Creek crossing SH36; Water present; Maintained channel; Concrete box culverts.	Culvert	Needville, Texas
8)	Tributary to Fairchilds Creek	352+00	Water present; Previously maintained channel.	Culvert	Needville, Texas
9)	Tributary to Fairchilds Creek	412+25	Channel maintained to the east; Natural to the west; Water not flowing; Pooling water in channel.	Culvert	Needville, Texas
10)	Tributary to Fairchilds Creek	460+00	Small maintained channel; Looks like a drainage area; No flowing water.	Culvert	Needville, Texas
11)	Tributary to Fairchilds Creek	520+00	East side of channel maintained; West side not maintained; Pools of water; No flowing water	Culvert	Needville, Texas
12)	Tributary to Fairchilds Creek	549+25	Previously maintained channel; Pooling water; No flowing water.	Culvert	Needville, Texas
13)	Buffalo Creek	628+50	Channel used to be maintained; No flowing water; Pooling water on both sides; Water level is 2 ft. below culvert.	Culvert	Needville, Texas
14)	Tributary to Buffalo Creek	666+50	No flowing water; Maintained channel on west side; East side - two small shallow drainage channels from agricultural land.	Culvert	Needville, Texas
15)	Deer Creek	706+75	No flowing water on east side; No water on west side; Channel maintained on east side; West side has not been maintained in a while.	Culvert	Needville, Texas

Spur 10/SH 36 Stream Crossings
Fort Bend and Brazoria Counties, Texas
SH 36: FM 2218 to FM 1495 and Spur 10 (Hartlege Road), US 59 (S) to SH 36

16)	Mound Creek	768+00	Creek maintained on the west side; East side is a drainage area; Seasonal flow; No standing water in creek.	Culvert	Guy, Texas
17)	Tributary to Mound Creek	862+00	Creek used to be maintained; Water present.	Culvert	Guy, Texas
18)	Before Barek Road	899+25	No water in channel.	Culvert	Guy, Texas
19)	Tributary to Mound Creek	945+00	Water present; Maintained channel.	Culvert	Guy, Texas
20)	Before Damon Quarry Road	60+75	Old channel overgrown with vegetation; Standing water on both sides.	Culvert	Damon, Texas
21)	Between Richmond Road and Houston, before Damon	106+00	Outfall ditch; No drainage; No water; East side of channel not maintained; Westside a little maintained;Box culvert under bridge.	Culvert	Damon, Texas
22)	North of County Road 18 Western end of Cow Creek Tributary)	170+00	Outfall Ditch; Standing water off SH36; Pools of water on each side; Box culverts under highway.	Culvert	Damon, Texas
23)	North of County Road 19	310+25	Outfall Ditch; Drainage ditches to either side; Standing water on west side.	Culvert	West Columbia, Texas
24)	Tributary to Varner Creek	404+50	North of County Road 5/ County Road 23; Flowing water in channel; From the road edge down there are concrete sides.	Culvert	West Columbia, Texas
25)	Varner Creek	452+00	Not maintained; Natural Creek; Heavily vegetated; Flowing water in channel; No culvert under bridge.	Bridge	West Columbia, Texas
26)	North of County Road 828	523+50	Outfall Ditch; Not maintained.	Culvert	West Columbia, Texas
27)	Near County Road 4	573+25	Outfall Ditch; Standing water on each side; Channel somewhat maintained.	Culvert	West Columbia, Texas

Spur 10/SH 3 [illegible]ream Crossings
Fort Bend and Brazoria Counties, Texas
SH 36: FM 2218 to FM 1495 and Spur 10 (Hartlege Road), US 59 (S) to SH 36

28)	Bell Creek	735+00	Main channel flows parallel to SH36; No flowing water; Pools of water in channel; Culvert under road.	Culvert	West Columbia, Texas
29)	Brazos River Tributary	878+75	Drainage Channel; No flowing water; No channel outside of ROW; Deep channel	Culvert	Sweeny, Texas
			(Day Two of Field Observations)		
30)	Brazos River Diversion Channel	1937+00		Bridge	Jones Creek, Texas
31)	Canal Adjacent to Brazos River Levee	1919+00	No flowing water; Wetland area; No clear channel	Culvert	Jones Creek, Texas
32)	Drainage Area West of Brazos River Levee	1903+00	No flowing water; Wetland area; No clear channel	Culvert	Jones Creek, Texas
33)	Jones Creek	746+00	Flowing water; Natural well established wide channel.	Bridge	Jones Creek, Texas
34)	State Prison Property	1344+00	Drainage channel; Culvert under road; Some small area of ponding water on each side of the culvert; No flowing water; Drainage ditches cut through crop land; Fields drain towards roadway; Pictures are representative of several areas along prison property.	Culvert	Cedar Lane, Texas

Shaded areas contain culvert but are not considered a stream crossing.

Spur 10 and SH 36: Photographs of Stream Crossings

Crossing #1. Coon Creek - North side of bridge looking south under the bridge along Spur 10/Hartledge Road.

Crossing #2. Coon Creek - North side of bridge looking south under the bridge along Hartledge Road.

Crossing #3. Cottonwood Creek - South side of bridge along Hartledge Road, east end looking west.

Crossing #4. Seabourne Creek - South side of SH 36 bridge looking north.

Spur 10 and SH 36: Photographs of Stream Crossings

Crossing #5. Big Creek - East side of bridge, south end looking north.

Crossing #6. Foss Creek - West side looking north underneath the bridge on Trinity Road.

Crossing #7. Foss Creek - From Kamas Road looking west.

Crossing #8. Tributary to Fairchilds Creek - East side of bridge looking west at culverts.

Spur 10 and SH 36: Photographs of Stream Crossings

Crossing #9. Tributary to Fairchilds Creek - Looking south at culverts from north end of bridge.

Crossing #10. Tributary to Fairchilds Creek - From SH 36 looking west.

Crossing #11. Tributary to Fairchilds Creek - From south side of bridge looking north at culvert.

Crossing #12. Tributary to Fairchilds Creek - From south side of bridge looking north at culvert.

Spur 10 and SH 36: Photographs of Stream Crossings

Crossing #13. Buffalo Creek - West side of bridge, south end looking north.

Crossing #14. Tributary to Buffalo Creek - East side of bridge, south end looking north.

Crossing #15. Deer Creek - East side of bridge, south end looking north.

Crossing #16. Mound Creek - West side of bridge, south end looking north.

Spur 10 and SH 36: Photographs of Stream Crossings

Crossing #17. Tributary to Mound Creek - West side of bridge, south end looking north.

Crossing #18. Before Barek Road - From SH 36 looking east.

Crossing #19. Tributary to Mound Creek - From SH 36 looking east.

Crossing #20. Before Damon Quarry Road - From SH 36 looking east.

Spur 10 and SH 36: Photographs of Stream Crossings

Crossing #21. Between Richmond Road and Houston, before Damon - From SH 36 looking west.

Crossing #22. North of County Road 18 (Western end of Cow Creek Tributary) - From SH 36 looking west.

Crossing #23. North of County Road 19 - From SH 36 looking east.

Crossing #24. Tributary to Varner Creek - East side of bridge, south end looking north.

Spur 10 and SH 36: Photographs of Stream Crossings

Crossing #25. Varner Creek - From SH 36 looking west.

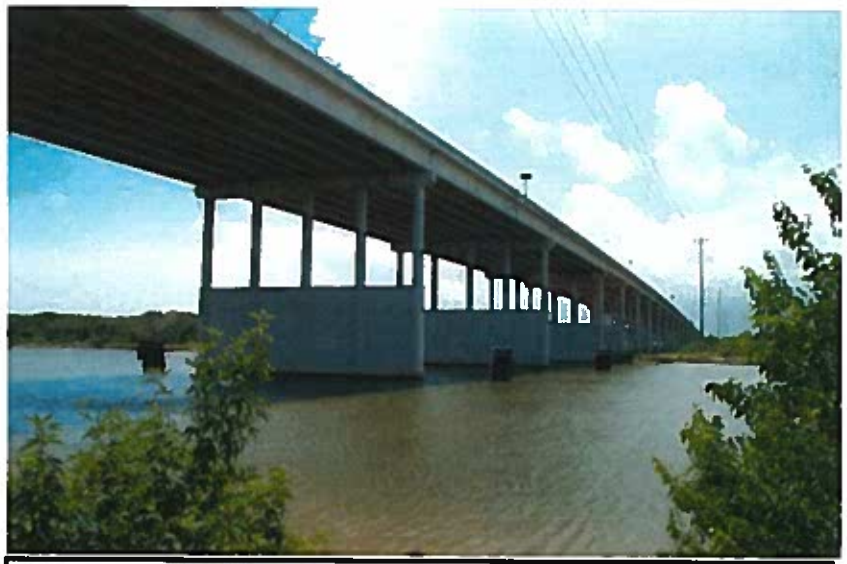
Crossing #26. North of County Road 828 - From SH 36 looking east.

Crossing #27. Near County Road 4 - From SH 36 looking west.

Crossing #28. Bell Creek - Main creek channel parallels SH 36 on the west side.

Spur 10 and SH 36: Photographs of Stream Crossings

Crossing #29. Brazos River Tributary - From SH 36 looking east.

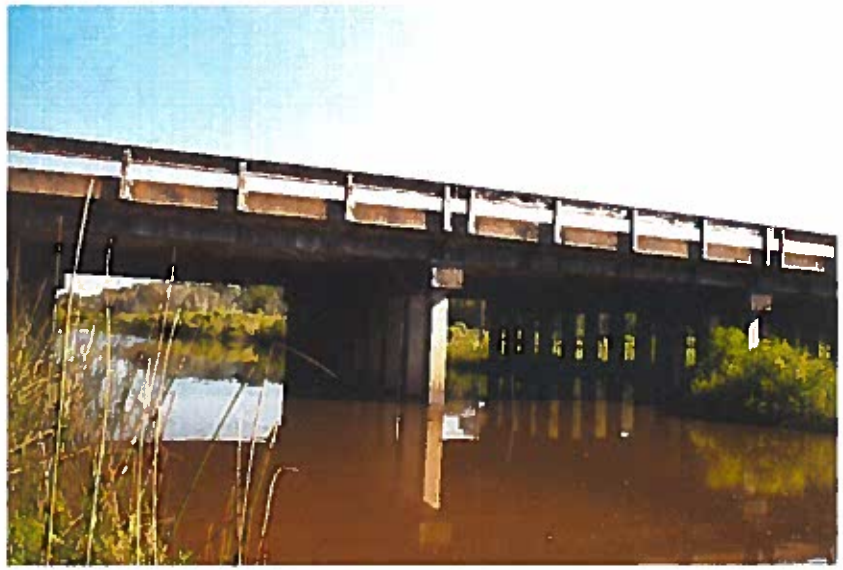


Crossing #30. Brazos River Diversion Channel - Bridge and channel from the east side.

Crossing #31. Canal Adjacent to Brazos River Levee - South end of bridge looking north.

Crossing #32. Drainage Area West of Brazos River Levee - North end of bridge looking south.

Spur 10 and SH 36: Photographs of Stream Crossings



Crossing #33. Jones Creek - Looking at span over creek.

Crossing #34. State Prison Property - Looking at culverts on east side of road.