

APPENDIX D: SUPPLEMENTAL DATA

Wetland Data Forms

Vegetation Data Form

Woodland Data Form

TxDOT WETLAND DETERMINATION DATA FORM

GENERAL

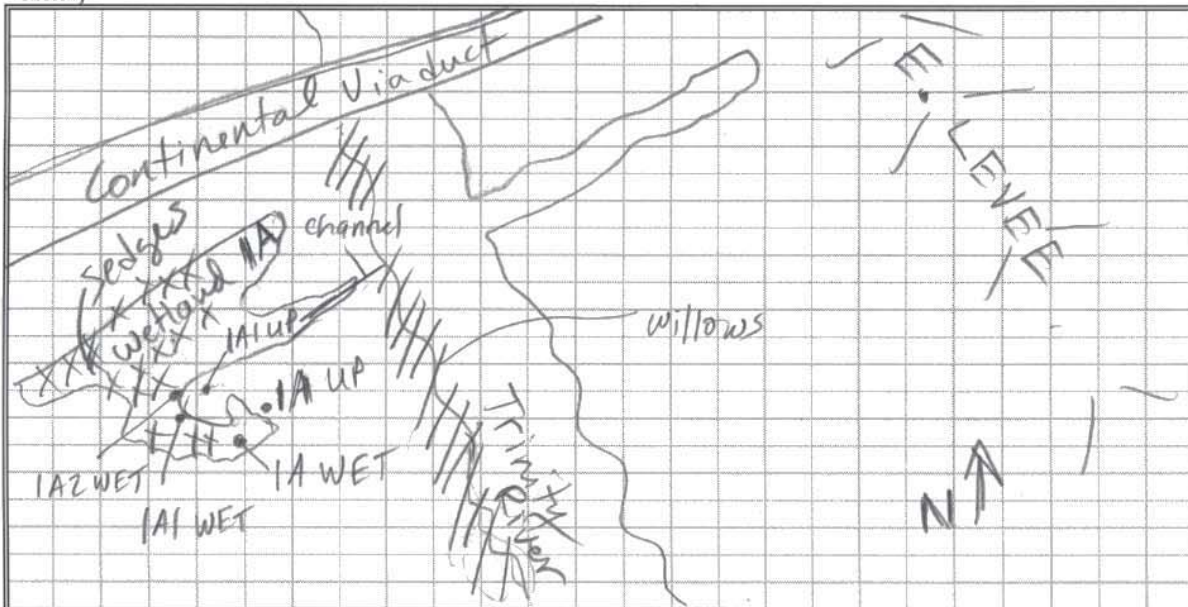
Project	Woodall Rodgers Extension	Site #	OP 1A UP	Date	7/8/04
CSJ	0196-07-018	Investigator	M. Caruthers	County	Dallas
Scope					
Describe Topography of the Investigation Site					
Site consists of a floodplain adjacent to the Trinity River.					
Is this site significantly disturbed? How so?			No		
Is this site a problem area? Why or Why not?			No		
NWI map name	Dallas, TX	File name/path			

*See attached NWI map for investigation site locations within the project limits

VEGETATION: (list plants by order of dominance)

Dominant Plant Species	Taxonomic Name	Stratum	Indicator
Black Willow	<i>Salix nigra</i>	Shrub	FACW+
Sedge	<i>Carex sp.</i>	Herb	
Virginia Wildrye	<i>Elymus virginicus</i>	Herb	FAC
Giant Ragweed	<i>Ambrosia trifida</i>	Herb	FAC
Johnson grass	<i>Sorghum halepense</i>	Herb	FACU
Percent Dominant Species That Are OBL, FACW, FAC			75%
Remarks	Does meet hydrophytic vegetation criterion.		

Sketch below depicts an approximate (not to scale) cross-section of the investigation site on {stream name or other location}, taken {parallel/perpendicular/other} to roadway on the {north/south/east/west} side, near {roadway right-of-way line/ditch/bottom/other location}. Location of soil sample is shown, along with dominant vegetation and other significant topographic features. Approximate elevation of ordinary high water mark is also shown for reference. {label all features shown in sketch}



HYDROLOGY

Is this site inundated?	No	Depth of water surface (if applicable)	None
	Soil Saturated		Oxidized Root Channels
	High Water Marks	Yes	Water Stained Leaves
	Debris Lodged Above Ground	Yes	Sediment Deposits On Plants
	Drift Lines		Other
Remarks	Wetland hydrology criterion was met.		

SOIL

Mapped Soil Conditions					
Soil Name	Typical Color	Drainage Class	Hydric List?		
Trinity-Urban land Complex	Very dark grey	Somewhat poorly drained	No		
Field Soil Conditions					
Depth	Horizon	Matrix Color	Mottle Color	Mottle Abundance	Texture
0-14"	A	10YR 4/2	None	NA	Clay
	Oxidized Root Channels			Low Chroma Colors	
	Mineral Concretions			High Organic Content	
	Sulfidic Odor			Bright Mottling	
	Gleying			Other	
Remarks	Indicators of hydric soil not present.				

DETERMINATION

Hydrophytic Vegetation present at the investigation site?	Yes	Fluctuating Hydrology?	Yes	Hydric Soils Present?	No
Is this site a jurisdictional wetland? If not, explain why it is not:					
All three wetland criteria were not met at this observation point. This area is not considered a wetland.					
What is the approximate size of the wetland? (if applicable)					
NA					
Are there jurisdictional waters associated with site? Identify stream name or other description.					
Yes, Trinity River					
Ordinary High Water Mark Elevation	3'				
Remarks					

(REVISED JUNE 2000)

TxDOT WETLAND DETERMINATION DATA FORM

GENERAL

Project	Woodall Rodgers Extension	Site #	OP 1A1 UP	Date	7/15/04
CSJ	0196-07-018	Investigator	M. Caruthers	County	Dallas
Scope					
Describe Topography of the Investigation Site					
Site consists of a floodplain adjacent to the Trinity River.					
Is this site significantly disturbed? How so?		No			
Is this site a problem area? Why or Why not?		No			
NWI map name	Dallas, TX	File name/path			

*See attached NWI map for investigation site locations within the project limits

VEGETATION: (list plants by order of dominance)

Dominant Plant Species	Taxonomic Name	Stratum	Indicator
Johnson grass	<i>Sorghum halepense</i>	Herb	FACU
Giant Ragweed	<i>Ambrosia trifida</i>	Herb	FAC
Virginia Wildrye	<i>Elymus virginicus</i>	Herb	FAC
Broomweed	<i>Amphiachyrius dracunculoides</i>	Herb	UPL
Percent Dominant Species That Are OBL, FACW, FAC			50%
Remarks	Does not meet hydrophytic vegetation criterion.		

Sketch below depicts an approximate (not to scale) cross-section of the investigation site on {stream name or other location}, taken {parallel/perpendicular/other} to roadway on the {north/south/east/west} side, near {roadway right-of-way line/ditch bottom/other location}. Location of soil sample is shown, along with dominant vegetation and other significant topographic features. Approximate elevation of ordinary high water mark is also shown for reference. {label all features shown in sketch}

See OP 1A UA Data Form

Project Woodall Rodgers Extension Site # OP 1A1 UP Date 7/15/04

HYDROLOGY

Is this site inundated?	No	Depth of water surface (if applicable)	None
Soil Saturated		Oxidized Root Channels	
High Water Marks		Water Stained Leaves	
Debris Lodged Above Ground		Sediment Deposits On Plants	
Drift Lines		Other	
Remarks	Wetland hydrology criterion was not met.		

SOIL

Mapped Soil Conditions					
Soil Name	Typical Color	Drainage Class	Hydric List?		
Trinity-Urban land Complex	Very dark grey	Somewhat poorly drained	No		
Field Soil Conditions					
Depth	Horizon	Matrix Color	Mottle Color	Mottle Abundance	Texture
0-6"	A1	10YR 4/2	None	NA	Clay
0-12"	A2	10YR 4/2	10YR 5/4	(sandy streaking)	sandy Clay
	Oxidized Root Channels			Low Chroma Colors	
	Mineral Concretions			High Organic Content	
	Sulfidic Odor			Bright Mottling	
	Gleying			Other	
Remarks	A1 occasional sand streaks. A2 mottling is of the sandy streaks Indicators of hydric soil not present.				

DETERMINATION

Hydrophytic Vegetation present at the investigation site?	No	Fluctuating Hydrology?	No	Hydric Soils Present?	No
Is this site a jurisdictional wetland? If not, explain why it is not:					
All three wetland criteria were not met at this observation point. This area is not considered a wetland.					
What is the approximate size of the wetland? (if applicable)					
NA					
Are there jurisdictional waters associated with site? Identify stream name or other description.					
Yes, Trinity River					
Ordinary High Water Mark Elevation	3'				
Remarks					

(REVISED JUNE 2000)

TxDOT WETLAND DETERMINATION DATA FORM

GENERAL

Project	Woodall Rodgers Extension	Site #	OP 1A WET	Date	7/8/04
CSJ	0196-07-018	Investigator	M. Caruthers	County	Dallas
Scope					
Describe Topography of the Investigation Site					
Site consists of a floodplain adjacent to the Trinity River.					
Is this site significantly disturbed? How so?			No		
Is this site a problem area? Why or Why not?			No		
NWI map name	Dallas, TX	File name/path			

*See attached NWI map for investigation site locations within the project limits

VEGETATION: (list plants by order of dominance)

Dominant Plant Species	Taxonomic Name	Stratum	Indicator
Black Willow	<i>Salix nigra</i>	Shrub	FACW+
Sedge	<i>Carex sp.</i>	Herb	
Common Buttonbush	<i>Cephalanthus occidentalis</i>	Herb	OBL
Alligatorweed	<i>Alternanthera philoxeroides</i>	Herb	OBL
Percent Dominant Species That Are OBL, FACW, FAC			100%
Remarks	<i>Carex sp.</i> could not be identified to species level due to absence of reproductive structures or other keyable characters. Hydrophytic vegetation criterion met.		

Sketch below depicts an approximate (not to scale) cross-section of the investigation site on {stream name or other location}, taken {parallel/perpendicular/other} to roadway on the {north/south/east/west} side, near {roadway right-of-way line/ditch bottom/other location}. Location of soil sample is shown, along with dominant vegetation and other significant topographic features. Approximate elevation of ordinary high water mark is also shown for reference. {label all features shown in sketch}

See OP 1A UP Data Form

Project Woodall Rodgers Extension Site # OP 1A WET Date 7/8/04

HYDROLOGY

Is this site inundated?	No	Depth of water surface (if applicable)	None
Yes	Soil Saturated		Oxidized Root Channels
	High Water Marks	Yes	Water Stained Leaves
	Debris Lodged Above Ground	Yes	Sediment Deposits On Plants
	Drift Lines		Other
Remarks	Wetland hydrology criterion was met.		

SOIL

Mapped Soil Conditions					
Soil Name	Typical Color	Drainage Class	Hydric List?		
Trinity-Urban land Complex	Very dark grey	Somewhat poorly drained	No		
Field Soil Conditions					
Depth	Horizon	Matrix Color	Mottle Color	Mottle Abundance	Texture
0-14"	A	10YR 4/2	7.5YR 3/4	Common/Fine/Prominent	Clay
	Oxidized Root Channels			Low Chroma Colors	
Yes	Mineral Concretions			High Organic Content	
	Sulfidic Odor			Bright Mottling	
	Gleying			Other	
Remarks	Indicators of hydric soil present.				

DETERMINATION

Hydrophytic Vegetation present at the investigation site?	Yes	Fluctuating Hydrology?	Yes	Hydric Soils Present?	Yes
Is this site a jurisdictional wetland? If not, explain why it is not:					
All three wetland criteria were met at this observation point. This area is considered a wetland.					
What is the approximate size of the wetland? (if applicable)					
1.518					
Are there jurisdictional waters associated with site? Identify stream name or other description.					
Yes, Trinity River					
Ordinary High Water Mark Elevation	3'				
Remarks					

(REVISED JUNE 2000)

TxDOT WETLAND DETERMINATION DATA FORM

GENERAL

Project	Woodall Rodgers Extension	Site #	OP 1A1 WET	Date	7/15/04
CSJ	0196-07-018	Investigator	M. Caruthers	County	Dallas
Scope	Describe Topography of the Investigation Site				
Site consists of a floodplain adjacent to the Trinity River.					
Is this site significantly disturbed? How so?		No			
Is this site a problem area? Why or Why not?		No			
NWI map name	Dallas, TX	File name/path			

*See attached NWI map for investigation site locations within the project limits

VEGETATION: (list plants by order of dominance)

Dominant Plant Species	Taxonomic Name	Stratum	Indicator
Black Willow	<i>Salix nigra</i>	Shrub	FACW+
Virginia Wildrye	<i>Elymus virginicus</i>	Herb	FAC
Alligator weed	<i>Alternanthera philoxeroides</i>	Herb	OBL
Dock	<i>Rumex sp.</i>	Herb	
Percent Dominant Species That Are OBL, FACW, FAC			100%
Remarks	<i>Rumex sp.</i> could not be identified to species level due to absence of reproductive structures or other keyable characters. Hydrophytic vegetation criterion met.		

Sketch below depicts an approximate (not to scale) cross-section of the investigation site on {stream name or other location}, taken {parallel/perpendicular/other} to roadway on the {north/south/east/west} side, near {roadway right-of-way line/ditch bottom/other location}. Location of soil sample is shown, along with dominant vegetation and other significant topographic features. Approximate elevation of ordinary high water mark is also shown for reference. {label all features shown in sketch}

see OP 1A UP Data Form

Project Woodall Rodgers Extension Site # OP 1A1 WET Date 7/15/04

HYDROLOGY

Is this site inundated?	No	Depth of water surface (if applicable)	None
	Soil Saturated		Oxidized Root Channels
Yes	High Water Marks	Yes	Water Stained Leaves
	Debris Lodged Above Ground	Yes	Sediment Deposits On Plants
	Drift Lines		Other
Remarks	Wetland hydrology criterion was met.		

SOIL

Mapped Soil Conditions					
Soil Name	Typical Color	Drainage Class	Hydric List?		
Trinity-Urban land Complex	Very dark grey	Somewhat poorly drained	No		
Field Soil Conditions					
Depth	Horizon	Matrix Color	Mottle Color	Mottle Abundance	Texture
0-14"	A	10YR 4/2	7.5YR 4/6	Common/Medium/Prominent	Clay
	Oxidized Root Channels			Low Chroma Colors	
Yes	Mineral Concretions			High Organic Content	
	Sulfidic Odor			Bright Mottling	
	Gleying			Other	
Remarks	Indicators of hydric soil present.				

DETERMINATION

Hydrophytic Vegetation present at the investigation site?	Yes	Fluctuating Hydrology?	Yes	Hydric Soils Present?	Yes
Is this site a jurisdictional wetland? If not, explain why it is not:					
All three wetland criteria were met at this observation point. This area is considered a wetland.					
What is the approximate size of the wetland? (if applicable)					
1.518					
Are there jurisdictional waters associated with site? Identify stream name or other description.					
Yes, Trinity River					
Ordinary High Water Mark Elevation	3'				
Remarks					

(REVISED JUNE 2000)

TxDOT WETLAND DETERMINATION DATA FORM

GENERAL

Project	Woodall Rodgers Extension	Site #	OP 1A2 WET	Date	7/15/04
CSJ	0196-07-018	Investigator	M. Caruthers	County	Dallas
Scope					
Describe Topography of the Investigation Site					
Site consists of a floodplain adjacent to the Trinity River.					
Is this site significantly disturbed? How so?		No			
Is this site a problem area? Why or Why not?		No			
NWI map name	Dallas, TX	File name/path			

*See attached NWI map for investigation site locations within the project limits

VEGETATION: (list plants by order of dominance)

Dominant Plant Species	Taxonomic Name	Stratum	Indicator
Black Willow	<i>Salix nigra</i>	Shrub	FACW+
Giant Ragweed	<i>Ambrosia trifida</i>	Herb	FAC
Virginia Wildrye	<i>Elymus virginicus</i>	Herb	FAC
Johnson grass	<i>Sorghum halepense</i>	Herb	FACU
Dock	<i>Rumex sp.</i>	Herb	
Percent Dominant Species That Are OBL, FACW, FAC			75%
Remarks	<i>Rumex sp.</i> could not be identified to species level due to absence of reproductive structures or other keyable characters. Hydrophytic vegetation criterion met.		

Sketch below depicts an approximate (not to scale) cross-section of the investigation site on {*stream name or other location*}, taken {*parallel/perpendicular/other*} to roadway on the {*north/south/east/west*} side, near {*roadway right-of-way line/ditch bottom/other location*}. Location of soil sample is shown, along with dominant vegetation and other significant topographic features. Approximate elevation of ordinary high water mark is also shown for reference. {*label all features shown in sketch*}

See OP 1A UP Data Form

Project Woodall Rodgers Extension Site # OP 1A2 WET Date 7/15/04

HYDROLOGY

Is this site inundated?	No	Depth of water surface (if applicable)	None
	Soil Saturated	Yes	Oxidized Root Channels
Yes	High Water Marks	Yes	Water Stained Leaves
	Debris Lodged Above Ground	Yes	Sediment Deposits On Plants
	Drift Lines		Other
Remarks	Wetland hydrology criterion was met.		

SOIL

Mapped Soil Conditions					
Soil Name	Typical Color	Drainage Class	Hydric List?		
Trinity-Urban land Complex	Very dark grey	Somewhat poorly drained	No		
Field Soil Conditions					
Depth	Horizon	Matrix Color	Mottle Color	Mottle Abundance	Texture
0-14"	A	2.5YR 4/2	10YR 4/4	Common/Medium/Prominent	Clay
			2.5N Gley	Common/Medium/Prominent	
	Oxidized Root Channels			Low Chroma Colors	
Yes	Mineral Concretions			High Organic Content	
	Sulfidic Odor			Bright Mottling	
	Gleying			Other	
Remarks	Very dark gleyed Iron and Managanese streaking. Indicators of hydric soil present.				

DETERMINATION

Hydrophytic Vegetation present at the investigation site?	Yes	Fluctuating Hydrology?	Yes	Hydric Soils Present?	Yes
Is this site a jurisdictional wetland? If not, explain why it is not:					
All three wetland criteria were met at this observation point. This area is considered a wetland.					
What is the approximate size of the wetland? (if applicable)					
1.518					
Are there jurisdictional waters associated with site? Identify stream name or other description.					
Yes, Trinity River					
Ordinary High Water Mark Elevation	3'				
Remarks					

(REVISED JUNE 2000)

TxDOT WETLAND DETERMINATION DATA FORM

GENERAL

Project	Woodall Rodgers Extension	Site #	OP 1B UP	Date	7/15/04
CSJ	0196-07-018	Investigator	M. Caruthers	County	Dallas
Scope					
Describe Topography of the Investigation Site					
Site consists of a floodplain adjacent to the Trinity River.					
Is this site significantly disturbed? How so?		No			
Is this site a problem area? Why or Why not?		No			
NWI map name	Dallas, TX	File name/path			

*See attached NWI map for investigation site locations within the project limits

VEGETATION: (list plants by order of dominance)

Dominant Plant Species	Taxonomic Name	Stratum	Indicator
Johnson grass	<i>Sorghum halepense</i>	Herb	FACU
Broomweed	<i>Amphiachyris dracunculoides</i>	Herb	UPL
Virginia Wildrye	<i>Elymus virginicus</i>	Herb	FAC
Percent Dominant Species That Are OBL, FACW, FAC			33%
Remarks	Does not meet hydrophytic vegetation criterion.		

Sketch below depicts an approximate (not to scale) cross-section of the investigation site on {stream name or other location}, taken {parallel/perpendicular/other} to roadway on the {north/south/east/west} side, near {roadway right-of-way line/ditch bottom/other location}. Location of soil sample is shown, along with dominant vegetation and other significant topographic features. Approximate elevation of ordinary high water mark is also shown for reference. {label all features shown in sketch}



HYDROLOGY

Is this site inundated?	No	Depth of water surface (if applicable)	None
	Soil Saturated		Oxidized Root Channels
	High Water Marks		Water Stained Leaves
	Debris Lodged Above Ground		Sediment Deposits On Plants
	Drift Lines		Other
Remarks	Water has flowed due to unusually high flood/run-off conditions, indicated by bent grass located nearby. This condition does not indicate soil saturation for 5 consecutive % of the growing season. Wetland hydrology criterion was not met.		

SOIL

Mapped Soil Conditions					
Soil Name	Typical Color	Drainage Class	Hydric List?		
Trinity-Urban land Complex	Very dark grey	Somewhat poorly drained	No		
Field Soil Conditions					
Depth	Horizon	Matrix Color	Mottle Color	Mottle Abundance	Texture
0-12"	A	10YR 4/2	None	NA	Clay
	Oxidized Root Channels			Low Chroma Colors	
	Mineral Concretions			High Organic Content	
	Sulfidic Odor			Bright Mottling	
	Gleying			Other	
Remarks	Indicators of hydric soil not present.				

DETERMINATION

Hydrophytic Vegetation present at the investigation site?	No	Fluctuating Hydrology?	No	Hydric Soils Present?	No
Is this site a jurisdictional wetland? If not, explain why it is not:					
All three wetland criteria were not met at this observation point. This area is not considered a wetland.					
What is the approximate size of the wetland? (if applicable)					
NA					
Are there jurisdictional waters associated with site? Identify stream name or other description.					
Yes, Trinity River					
Ordinary High Water Mark Elevation	3'				
Remarks					

(REVISED JUNE 2000)

TxDOT WETLAND DETERMINATION DATA FORM

GENERAL

Project	Woodall Rodgers Extension	Site #	OP 1B WET	Date	7/8/04
CSJ	0196-07-018	Investigator	M. Caruthers	County	Dallas
Scope					
Describe Topography of the Investigation Site					
Site consists of a floodplain adjacent to the Trinity River.					
Is this site significantly disturbed? How so?		No			
Is this site a problem area? Why or Why not?		No			
NWI map name	Dallas, TX	File name/path			

*See attached NWI map for investigation site locations within the project limits

VEGETATION: (list plants by order of dominance)

Dominant Plant Species	Taxonomic Name	Stratum	Indicator
Black Willow	<i>Salix nigra</i>	Shrub	FACW+
Sedge	<i>Carex sp.</i>	Herb	
Virginia Wildrye	<i>Elymus virginicus</i>	Herb	FAC
Percent Dominant Species That Are OBL, FACW, FAC			100%
Remarks	<i>Carex sp.</i> could not be identified to species level due to absence of reproductive structures or other keyable characters. Hydrophytic vegetation criterion met.		

Sketch below depicts an approximate (not to scale) cross-section of the investigation site on {stream name or other location}, taken {parallel/perpendicular/other} to roadway on the {north/south/east/west} side, near {roadway right-of-way line/ditch bottom/other location}. Location of soil sample is shown, along with dominant vegetation and other significant topographic features. Approximate elevation of ordinary high water mark is also shown for reference. {label all features shown in sketch}

see OP 1B Data Form

Project Woodall Rodgers Extension Site # OP 1B WET Date 7/8/04

HYDROLOGY

Is this site inundated?	No	Depth of water surface (if applicable)	None
	Soil Saturated		Oxidized Root Channels
Yes	High Water Marks	Yes	Water Stained Leaves
	Debris Lodged Above Ground	Yes	Sediment Deposits On Plants
Yes	Drift Lines		Other
Remarks	Water has flowed due to unusually high flood/run-off conditions, as indicated by bent grass located nearby. Other indicators suggest wetland hydrology exists at site. Wetland hydrology criterion was met.		

SOIL

Mapped Soil Conditions					
Soil Name	Typical Color	Drainage Class	Hydric List?		
Trinity-Urban land Complex	Very dark grey	Somewhat poorly drained	No		
Field Soil Conditions					
Depth	Horizon	Matrix Color	Mottle Color	Mottle Abundance	Texture
0-14"	A1	10YR 4/2	None	NA	Clay w/ organic material
1-14"	A2	10YR 4/2	2.5YR 2.5/1	Common/Medium/Prominent	Clay
	Oxidized Root Channels			Low Chroma Colors	
Yes	Mineral Concretions			High Organic Content	
	Sulfidic Odor			Bright Mottling	
	Gleying			Other	
Remarks	Indicators of hydric soil present.				

DETERMINATION

Hydrophytic Vegetation present at the investigation site?	Yes	Fluctuating Hydrology?	Yes	Hydric Soils Present?	Yes
Is this site a jurisdictional wetland? If not, explain why it is not:					
All three wetland criteria were met at this observation point. This area is considered a wetland.					
What is the approximate size of the wetland? (if applicable)					
0.210 acres					
Are there jurisdictional waters associated with site? Identify stream name or other description.					
Yes, Trinity River					
Ordinary High Water Mark Elevation	3'				
Remarks					

(REVISED JUNE 2000)

TxDOT WETLAND DETERMINATION DATA FORM

GENERAL

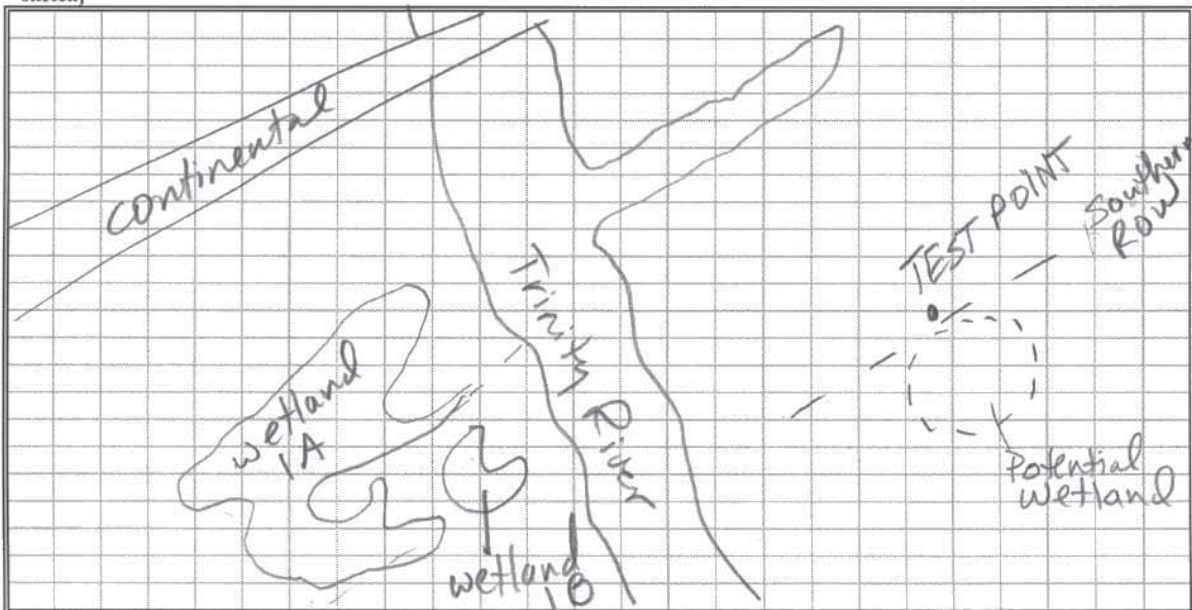
Project	Woodall Rodgers Extension	Site #	TEST POINT	Date	7/15/04
CSJ	0196-07-018	Investigator	M. Caruthers	County	Dallas
Scope					
Describe Topography of the Investigation Site					
Site consists of a floodplain adjacent to the Trinity River.					
Is this site significantly disturbed? How so?		No			
Is this site a problem area? Why or Why not?		No			
NWI map name	Dallas, TX	File name/path			

*See attached NWI map for investigation site locations within the project limits

VEGETATION: (list plants by order of dominance)

Dominant Plant Species	Taxonomic Name	Stratum	Indicator
Bermuda Grass	<i>Cydon dactylon</i>	Herb	FACU+
Virginia Wildrye	<i>Elymus virginicus</i>	Herb	FAC
Switchgrass	<i>Panicum virgatum</i>	Herb	FACW
Sumpweed	<i>Iva annua</i>	Herb	FAC
Percent Dominant Species That Are OBL, FACW, FAC			75%
Remarks	Meets Hydrophytic vegetation criterion.		

Sketch below depicts an approximate (not to scale) cross-section of the investigation site on {stream name or other location}, taken {parallel/perpendicular/other} to roadway on the {north/south/east/west} side, near {roadway right-of-way line/ditch bottom/other location}. Location of soil sample is shown, along with dominant vegetation and other significant topographic features. Approximate elevation of ordinary high water mark is also shown for reference. {label all features shown in sketch}



Project Woodall Rodgers Extension

Site # TEST
POINT

Date 7/15/04

HYDROLOGY

Is this site inundated?	No	Depth of water surface (if applicable)	None
Yes	Soil Saturated		Oxidized Root Channels
	High Water Marks		Water Stained Leaves
	Debris Lodged Above Ground		Sediment Deposits On Plants
	Drift Lines		Other
Remarks	Water has flowed due to high run-off conditions, indicated by bent grass located nearby. Wetland hydrology criterion was met.		

SOIL

Mapped Soil Conditions					
Soil Name	Typical Color	Drainage Class	Hydic List?		
Trinity-Urban land Complex	Very dark grey	Somewhat poorly drained	No		
Field Soil Conditions					
Depth	Horizon	Matrix Color	Mottle Color	Mottle Abundance	Texture
0-12"	A	10YR 4/2	None	NA	Clay
	Oxidized Root Channels			Low Chroma Colors	
	Mineral Concretions			High Organic Content	
	Sulfidic Odor			Bright Mottling	
	Gleying			Other	
Remarks	Indicators of hydic soil not present.				

DETERMINATION

Hydrophytic Vegetation present at the investigation site?	Yes	Fluctuating Hydrology?	Yes	Hydic Soils Present?	No
Is this site a jurisdictional wetland? If not, explain why it is not:					
All three wetland criteria were not met at this observation point. This area is not considered a wetland.					
What is the approximate size of the wetland? (if applicable)					
NA					
Are there jurisdictional waters associated with site? Identify stream name or other description.					
Yes, Trinity River					
Ordinary High Water Mark Elevation	3'				
Remarks					

(REVISED JUNE 2000)

General Vegetation Found Adjacent to Existing ROW or within Proposed ROW: Trees, shrubs, vines, forbs, and grasses (as appropriate, top two or three species in order of dominance for each group)

<i>Common Name</i>	<i>Taxonomic Name</i>	<i>DBH (range)</i>	<i>Height (range)</i>	<i>% Dominance</i>
Black Willow	<i>Salix nigra</i>	Sapling to 16"	to 50'	80%
Green Ash	<i>Fraxinus pennsylvanica</i>	Sapling to 4"	to 20'	<20%
American Elm	<i>Ulmus americana</i>	Sapling to 3"	to 25'	<20%
Bermuda Grass	<i>Cynodon dactylon</i>			
Johnson Grass	<i>Sorghum halepense</i>			
Virginia Wildrye	<i>Elmus virginicus</i>			
Sedge	<i>Carex sp.</i>			
Giant Ragweed	<i>Ambrosia trifida</i>			

Plant Communities, Associations or Series which may be found within Proposed ROW or Outside Existing ROW (Texas Natural Heritage Program, April 1993)

Plant Associations:	None
Acreage Impacted:	NA
Location:	NA

Percent Canopy Cover of Project: (Trees and heavy brush throughout project length)	Riparian woodland = 60%	Estimated total acreage of tree removal	None
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General Description of Trees and/or Heavy Brush Dispersal Throughout Project: (Evenly, clumped, at creek crossings, scattered etc.)	Trees exist along the Trinity River within a riparian habitat. Black Willows are dispersed through the floodplain as shrubs. Other trees/shrubs within the project area are landscape features.
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Average DBH:	3 to 16"	Average Density:	50-100 trees per acre	Average Height:	40'
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Unusual Vegetation Features: *unmaintained vegetation, fencerow vegetation, riparian vegetation, unusually large trees, unusual stands or islands, others (give details)*

Description:	Location:
Riparian woodland	Along Trinity River – See Woodland Data Form

Temporary and Permanent Impacts to Unusual Vegetation Features	
Minimal amount of riparian habitat will be removed or impacted for construction of project.	
Special Habitat Features: <i>bottomland hardwoods, caves, cliffs and bluffs, native prairie, ponds, seeps and springs, snags, water bodies, existing bridges, nesting sites (active or not), den sites, roosting sites, others (give sufficient details for each feature)</i>	
Description:	Location:
Riparian woodland	Along the Trinity River
Temporary and Permanent Impacts to Unusual Vegetation Features	
None expected	
Compensatory Mitigation Habitat Present: (includes habitat for Federal candidate species, rare vegetation series S1, S2, S3 that provides habitat for state-listed species, vegetation communities S1 or S2 regardless, bottomland hardwoods, native prairies, riparian, any other feature that might be locally important that TxDOT may consider)	
None	

TxDOT WOODLAND DATA FORM

GENERAL INFORMATION

Woodland Data Site #:	1	Date of Field Visit:	7-15-04		
Data Site Location:	Trinity River – Woodall Rodgers Extension				
City:	Dallas	County:	Dallas		
General Woodland Data Site Description: (riparian, upland, fenceline, wetland, disturbed area, vacant property, etc.)					
Riparian along Trinity River					
National or State Forests, NWR, WMA, parks, etc.	None	Estimated Size of Area (acres) Included in Data Site #	.5 acres		
Isolated or Part of a Larger Wooded Area?	Part of Riparian corridor	Estimated Size (acres) of Larger Wooded Area	.5 acres		
General Description of Adjacent Area:	Floodplain / wetland area to the west.				
Associated Water and Source Type:	Trinity River				
SPECIES COMPOSITION					
Trees Found within Proposed ROW: (as appropriate, species in order of dominance) (include trees, shrubs, vines, forbs, and grasses if new location ROW)					
<i>Common Name</i>	<i>Taxonomic Name</i>	<i>DBH (range)</i>	<i>Height (range)</i>	<i>% Dominance</i>	
Black Willow	<i>Salix nigra</i>	Sapling to 16''	To 50'	80	
Box Elder	<i>Acer negundo</i>	Sapling to 16''	To 30'	<20%	
Cottonwood	<i>Populus deltoides</i>	Sapling to 12''	To 60'	<20%	
Green Ash	<i>Fraxinus pennsylvanica</i>	Sapling to 4''	To 20'	<20%	
American Elm	<i>Ulmus americana</i>	Sapling to 3''	To 25'	<20%	
Average DBH:	8'' – 10''	Average Height:	35' – 40'	Density per Acre:	50-100
Unusual Vegetation Features:					
None					
Special Habitat Features:					
None					
Types of Mast Found:	Due to recent heavy floods all would have been washed away				
Wildlife Species Observed or Noted During Field Investigation					
<i>Common Name</i>	<i>Taxonomic Name</i>				
Great Blue Heron	<i>Ardea herodias</i>				
Common Egret	<i>Casmerodius albus</i>				
Fulvous Tree Duck	<i>Dendrocygna bicolor</i>				
Raccoon (tracks)	<i>Procyon lotor</i>				