



**US Army Corps
of Engineers** ®
Fort Worth District

Public Notice

Applicant: North East Texas Regional Mobility Authority

Permit Application No.: SWF-2010-00299

Date: September 29, 2010

The purpose of this public notice is to inform you of a proposal for work in which you might be interested. It is also to solicit your comments and information to better enable us to make a reasonable decision on factors affecting the public interest. We hope you will participate in this process.

Regulatory Program

Since its early history, the U.S. Army Corps of Engineers has played an important role in the development of the nation's water resources. Originally, this involved construction of harbor fortifications and coastal defenses. Later duties included the improvement of waterways to provide avenues of commerce. An important part of our mission today is the protection of the nation's waterways through the administration of the U.S. Army Corps of Engineers Regulatory Program.

Section 10

The U.S. Army Corps of Engineers is directed by Congress under Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) to regulate *all work or structures in or affecting the course, condition or capacity of navigable waters of the United States*. The intent of this law is to protect the navigable capacity of waters important to interstate commerce.

Section 404

The U.S. Army Corps of Engineers is directed by Congress under Section 404 of the Clean Water Act (33 USC 1344) to regulate the *discharge of dredged and fill material into all waters of the United States, including wetlands*. The intent of the law is to protect the nation's waters from the indiscriminate discharge of material capable of causing pollution and to restore and maintain their chemical, physical and biological integrity.

Contact

Name: Mr. David Madden

Phone Number: (817)886-1741

JOINT PUBLIC NOTICE

U.S. ARMY CORPS OF ENGINEERS, FORT WORTH DISTRICT

AND

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUBJECT: Application for a Department of the Army Permit under Section 404 of the Clean Water Act (CWA) and for water quality certification under Section 401 of the CWA to discharge dredged and fill material into waters of the United States (U.S.) associated with the North East Texas Regional Mobility Authority's (NET RAM) proposed construction of Segment 3B of the Toll 49 project in Tyler, Smith County, Texas.

APPLICANT: North East Texas Mobility Regional Mobility Authority
909 ESE Loop 323
Suite 360
Tyler, Texas 75701

APPLICATION NUMBER: SWF-2010-00299

DATE ISSUED: September 29, 2010

LOCATION: The proposed 9.95-mile Segment 3B of the Toll 49 project would be constructed between State Highway (SH) 31, north to Interstate Highway (IH) 20, approximately 9 miles west of Tyler, Texas (Sheet 1 of 33). The proposed project area is centered at approximately N 32.36° latitude; W -95.43° longitude and spans the Chandler and Mount Sylvan, Texas, United States Geological Survey (USGS) 7.5-minute topographic maps and is in the USGS Hydrologic Unit 12020001 (Sheets 2-3 of 33).

OTHER AGENCY AUTHORIZATIONS: Section 401 State Water Quality Certification.

PROJECT DESCRIPTION: The basic project purpose is to improve roadway safety and accommodate existing and projected increases in regional traffic flow. The overall project purpose is to address the lack of efficient and safe regional mobility, to provide connectivity to SH 31 and IH-20, and improve access to community and emergency facilities for the west side of the Tyler, Texas.

NET RAM proposes to discharge approximately 100,000 cubic yards (CY) of dredged and fill material into approximately 10.29 acres of waters of the United States associated with the construction of Segment 3B of the Toll 49 project in Smith County, Texas (Sheets 4-33 of 33). The proposed Segment 3B of Toll 49 was evaluated by Texas Department of Transportation and the Federal Highway Administration in the 2001 Final Environmental Impact Statement, Tyler Loop 49

West from State Highway 155 to Interstate Highway 20, Smith County, Texas (FEIS 2001) and the 2005 reevaluation (FEIS 2005). Segment 3B would be a new-location, two-lane undivided tollway with 10-foot wide shoulders which would ultimately be expanded to a 4-lane divided tollway. The project would be approximately 9.95 miles long with an average width of 450 feet. The proposed impacts to waters of the U.S. would include the construction of the roadways, entrance ramps, bridges, and associated drainage structures. No additional impacts would be expected from future development of the toll road.

The project area can be described as primarily a rural setting with undeveloped land and has been used for agriculture purposes with some residential and commercial development. It has gently to moderately sloping hills composed of sandy, well-drained soils. Vegetation types include upland forest, pastureland, emergent wetlands, and forested wetlands. The dominant plant species occurring along riparian zones bisected by the proposed project include water oak (*Quercus nigra*), sweetgum (*Liquidambar styraciflua*), eastern red cedar (*Juniperus virginiana*), southern red oak (*Quercus falcata*) with an understory of winged elm (*Ulmus alata*), was myrtle (*Myrica cerifera*), yaupon (*Ilex vomitoria*), and a herbaceous layer of dog fennel (*Eupatorium capillifolium*), giant cane (*Arundinaria gigantea*), and slender woodoats (*Chasmanthium laxum*).

The upland forests include an overstory of water oak, post oak (*Quercus stellata*), eastern red cedar, sugarberry (*Celtis laevigata*), loblolly pine (*Pinus taeda*), southern red oak, and sweetgum. The midstory is dominated with eastern red cedar, yaupon, eastern baccharis (*Baccharis halimifolia*), sweetgum, and water oak. There was very little herbaceous growth.

Pasturelands can be characterized as primarily bahiagrass (*Paspalum notatum*), dallisgrass (*Paspalum dilatatum*), and goldenrod (*Solidago altissima*).

Vegetation identified in the emergent wetlands include Pennsylvania smartweed (*Polygonum pennsylvanica*), broadleaf arrowhead (*Sagittaria latifolia*), button bush (*Cephalanthus occidentalis*), and scattered wax myrtle.

Forested wetlands include an overstory of black willow (*Salix nigra*), red maple (*Acer rubrum*), sweet gum, river birch (*Betula nigra*), water oak, and ironwood (*Carpinus caroliniana*) with a midstory of wax myrtle and water oak. The herbaceous layer consists of giant cane, slender woodoats, sedges (*Carex* spp.), and cinnamon fern (*Osmunda cinnamomea*).

Efforts were taken to minimize and avoid impacts to the 33.02 acres of waters of the United States including 61 separate crossings identified within the proposed right of way (ROW). These proposed crossings would impact 10 perennial streams (Black Fork Creek, Prairie Creek, Caney Creek, and Long Brake Creek), as well as 17 intermittent and 16 ephemeral tributaries to these streams (Table 1). There are also 10 wetlands consisting of four emergent wetlands and six forested wetlands (Table 2). The project area also includes 8 open water areas (Table 3).

NET RAM proposes to discharge approximately 100,000 CY of dredged and fill material into 10.287 acres of waters of the U.S. including 0.516 acre of permanent and 0.088 acre of temporary impacts to

streams, 5.964 acres of permanent and 0.92 acres of temporary impacts to wetlands, and 2.79 acres of permanent and 0.99 acre of open water impacts.

Table 1 Waters of the United States-Streams
Listed in Order from South to North

Waters of the United States (streams)	Frequency of Flow	OHWL (feet)	Length (linear feet) within the ROW	Surface Area (acres) within the ROW	Impact Length (linear feet)	Temporary Impacts (acres)	Permanent Impacts (acres)
S1	Intermittent	5.0	881.86	0.10	456.38	0.000	0.052
S2	Intermittent	3.0	910.89	0.06	120.48	0.000	0.008
S3	Ephemeral	5.0	47.47	0.01	32.07	0.000	0.004
S4	Ephemeral	2.0	263.09	0.01	253.89	0.000	0.012
S5	Ephemeral	1.0	472.97	0.01	314.18	0.000	0.007
S6	Intermittent	2.5	740.54	0.04	624.65	0.000	0.036
S7	Ephemeral	1.0	347.64	0.01	0.00	0.000	0.000
S8	Ephemeral	1.0	226.15	0.01	211.73	0.000	0.005
S9	Intermittent	2.0	421.54	0.02	97.03	0.000	0.004
S10	Intermittent	5.0	813.62	0.09	352.89	0.000	0.041
S11	Ephemeral	1.0	252.57	0.01	0.00	0.000	0.000
S12	Intermittent	4.0	1419.19	0.13	0.00	0.000	0.000
S13	Ephemeral	1.0	426.72	0.01	147.96	0.000	0.003
S14	Intermittent	2.0	575.32	0.03	0.00	0.000	0.000
S15	Ephemeral	1.0	913.44	0.02	145.62	0.000	0.003
S16	Perennial	10.0	818.94	0.19	340.56	0.000	0.078
S17	Intermittent	6.0	1045.18	0.14	509.88	0.000	0.070
S17A	Ephemeral	1.0	154.74	0.004	154.74	0.000	0.004

Waters of the United States (streams)	Frequency of Flow	OHWL (feet)	Length (linear feet) within the ROW	Surface Area (acres) within the ROW	Impact Length (linear feet)	Temporary Impacts (acres)	Permanent Impacts (acres)
S17B	Intermittent	2.0	519.14	0.02	0.00	0.000	0.000
S18	Perennial	20.0	701.34	0.32	43.56	0.020	0.000
S19	Perennial	20.0	102.96	0.05	0.00	0.000	0.000
S20	Perennial	20.0	354.34	0.16	0.00	0.000	0.000
S21	Perennial	20.0	538.92	0.25	108.9	0.050	0.000
S22	Perennial	10.0	474.96	0.11	362.07	0.000	0.083
S23	Perennial	15.0	1330.01	0.46	29.04	0.010	0.000
S24	Ephemeral	1.5	332.95	0.01	0.00	0.000	0.000
S25	Intermittent	2.0	170.48	0.01	20.94	0.000	0.001
S26	Intermittent	2.0	166.34	0.01	0.00	0.000	0.000
S27	Ephemeral	1.0	127.30	0.003	0.00	0.000	0.000
S28	Ephemeral	2.0	1025.17	0.05	267.97	0.000	0.012
S28A	Perennial	9.0	773.55	0.16	38.72	0.008	0.000
S28B	Intermittent	2.0	412.47	0.02	0.00	0.000	0.000
S28C	Intermittent	2.0	869.55	0.04	465.16	0.000	0.021
S28D	Ephemeral	1.0	282.47	0.01	108.74	0.000	0.002
S28E	Ephemeral	1.0	116.75	0.003	116.75	0.000	0.003
S28F	Perennial	1.0	137.83	0.003	112.35	0.000	0.003
S28G	Perennial	1.0	600.66	0.01	123.27	0.000	0.003
S28H	Intermittent	1.0	1370.15	0.03	42.67	0.000	0.001
S29	Ephemeral	1.0	898.03	0.02	225.34	0.000	0.005
S30	Ephemeral	1.0	602.31	0.01	79.13	0.000	0.002

Waters of the United States (streams)	Frequency of Flow	OHWL (feet)	Length (linear feet) within the ROW	Surface Area (acres) within the ROW	Impact Length (linear feet)	Temporary Impacts (acres)	Permanent Impacts (acres)
S31	Intermittent	4.0	1148.90	0.11	261.39	0.000	0.024
S32	Intermittent	3.0	862.51	0.06	169.77	0.000	0.012
S33	Intermittent	3.0	684.62	0.05	249.52	0.000	0.017
TOTAL	--	--	25335.67	2.86	6587.35	0.088	0.516

Table 2 Waters of the United States – Wetlands

Wetland ID	Wetland Classification (1)	Potential Jurisdiction	Surface Area Within ROW (acres)	Temporary Impacts (acres)	Permanent Impacts (acres)
Wet1	PEM	Section 404	0.21	0.000	0.000
Wet8B	PFO	Section 404	3.72	0.110	0.004
Wet9	PFO	Section 404	1.17	0.000	0.581
Wet10	PEM	Section 404	4.36	0.070	1.11
Wet11	PFO	Section 404	9.01	0.740	2.091
Wet13	PEM	Section 404	0.10	0.000	0.000
Wet13A	PFO	Section 404	3.29	0.000	1.009
Wet13B	PEM	Section 404	0.20	0.000	0.003
Wet13D	PFO	Section 404	1.82	0.000	0.723
Wet14A	PFO	Section 404	1.51	0.000	0.443
Total Potential Jurisdictional Wetlands			25.39	0.920	5.964

(1) Classifications based on *Classification of Wetlands and Deepwater Habitats of the U.S.*, Cowardin, et al., 1979

PEM: palustrine emergent

PFO: palustrine forested

Table 3 Waters of the United States-Open Waters

ID	Wetland Classification⁽¹⁾	Potential Jurisdiction	Surface Area within ROW (acres)	Temporary Impacts (acres)	Permanent Impacts (acres)
Wet5	OW	Section 404	2.42	0.000	2.388
Wet6	OW	Section 404	1.17	0.000	0.000
Wet7	OW	Section 404	0.08	0.000	0.000
Wet8A	OW	Section 404	0.32	0.000	0.175
Wet13C	OW	Section 404	0.03	0.000	0.025
Wet13E	OW	Section 404	0.58	0.000	0.000
Wet14	OW	Section 404	0.36	0.000	0.211
Wet14B	OW	Section 404	0.17	0.000	0.000
Total Potential Jurisdictional Waters			4.99	0.000	2.799

(1) Classifications based on Classification of Wetlands and Deepwater Habitats of the U.S., Cowardin, et al., 1979
OW: open water

Various alternatives including the “no-build” alternative were evaluated in the FEIS 2001 and the FEIS 2005 re-evaluation. Criteria considered in the corridor selection included a variety of human and natural environment issues.

One alternative known as the Northern Segment Routes had three sub-alternatives N-A, N-B, and N-C. Another alternative known as the Southern Segment Routes, also included three-sub-alternatives.

Alternative N-A would impact approximately seven wetland areas for a total of 23.5 acres. Of these, 12.4 acres are estimated to be forested and 11.1 acres are estimated to be emergent. This alternative would cross six other waters of the US.

Alternative N-B would impact approximately four wetland areas for a total of 15.0 acres. Of these, 8.5 acres are estimated to be forested and 6.5 acres are estimated to be emergent. This alternative would cross eight other waters of the US plus two "special aquatic sites" or riffle areas.

Alternative N-C would impact two wetland areas for a total of 23 acres. Of these, 12 acres are estimated to be forested and 10 acres are estimated to be emergent. This alternative would cross nine other waters of the U.S.

Alternative S-A would impact ten wetland areas for a total of 17 acres. Of these, 6 acres are

estimated to be forested and 11 acres are estimated to be emergent. This alternative would cross 16 other waters of the U.S.

Alternative S-B would impact approximately nine wetland areas for a total of 14.5 acres. Of these, (7.6 acres are estimated to be forested and 6.9 acres are estimated to be emergent. This alternative would cross 12 other waters of the U.S.

Alternative S-D would impact approximately ten wetland areas for a total of 6.5 acres. Of these, 3.0 acres are estimated to be forested and 3.5 acres are estimated to be emergent. This alternative would cross 13 other waters of the U.S.

Alternative S-E would impact approximately eight wetland areas for a total of 12.8 acres. Of these, 7.5 acres are estimated to be forested and 5.3 acres are estimated to be emergent. This alternative would cross 16 other waters of the U.S.

Detailed environmental studies, along with coordination with local governmental agencies, community leaders and the majority of the public who participated in choosing the preferred alternative, identified the combination of Northern Route N-C and Southern Route S-A as the preferred route for the proposed Toll 49 Segment 3B project. When considering all of the resource categories, the combination of these two routes created the least overall negative impact and most positive benefits for the people and environment of Smith County; therefore, the impacts to wetlands and other waters of the United States could not be further avoided.

The applicant proposes to compensate for unavoidable adverse impacts to waters of the U.S., including wetlands by purchasing 30.3 credits from the Pineywoods Mitigation Bank for the wetlands and open waters impacts. Stream compensatory mitigation is still being evaluated at this time and would be finalized following approval by the USACE.

A Storm Water Pollution Prevention Plan (SWPPP) would be prepared before performing construction activities and implemented during construction. Pollution from storm water would be minimized through adherence to measures in the project's SWPPP. Construction of the proposed project would include temporary erosion control measures to minimize impacts to water quality during construction as specified in the TxDOT manual Storm Water Management & Guidelines for Construction Activities. These may include the use of silt fencing, inlet protection barriers, hay bales, seeding or sodding of bare areas, or other suitable means of containment. Temporary erosion control structures would be built before construction begins where appropriate and maintained during and after construction, as needed. Vegetation would be cleared only as needed, and clearing may be phased, to maintain soil integrity and minimize exposure of an erosive surface. When construction is completed, disturbed areas would be restored and seeded according to the "TxDOT Specification Seeding for Erosion Control."

PUBLIC INTEREST REVIEW FACTORS: This application will be reviewed in accordance with 33 CFR 320-331, the Regulatory Program of the U. S. Army Corps of Engineers (USACE), and other pertinent laws, regulations, and executive orders. Our evaluation will also follow the

guidelines published by the U. S. Environmental Protection Agency pursuant to Section 404 (b)(1) of the CWA. The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impact, of the proposed activity on the public interest. That decision will reflect the national concerns for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including its cumulative effects. Among the factors addressed are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The USACE is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the USACE in determining whether to issue, issue with modifications, or conditions, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

STATE WATER QUALITY CERTIFICATION: This project would result in a direct impact of greater than three acres of waters of the state or 1,500 linear feet of streams (or a combination of the two), and as such would not fulfill Tier I criteria for the project. Therefore, Texas Commission on Environmental Quality (TCEQ) certification is required. Concurrent with USACE processing of this Department of the Army application, the TCEQ is reviewing this application under Section 401 of the Clean Water Act, and Title 30, Texas Administrative Code Section 279.1-13 to determine if the work would comply with State water quality standards. By virtue of an agreement between the USACE and the TCEQ, this public notice is also issued for the purpose of advising all known interested persons that there is pending before the TCEQ a decision on water quality certification under such act. **Any comments concerning this application may be submitted to the Texas Commission on Environmental Quality, 401 Coordinator, MSC-150, P.O. Box 13087, Austin, Texas 78711-3087.** The public comment period extends 30 days from the date of publication of this notice. A copy of the public notice with a description of the work is made available for review in the TCEQ's Austin Office. The TCEQ may conduct a public hearing to consider all comments concerning water quality if requested in writing. A request for a public hearing must contain the following information: the name, mailing address, application number, or other recognizable reference to the application; a brief description of the interest of the requestor, or of persons represented by the requestor; and a brief description of how the application, if granted, would adversely affect such interest.

ENDANGERED AND THREATENED SPECIES: The USACE has reviewed the U.S. Fish and Wildlife Service's latest published version of endangered and threatened species to determine if any may occur in the project area. The proposed project would be located in Smith County where the bald eagle (*Haliaeetus leucocephalus*) and Louisiana black bear (*Ursus americanus luteolus*) are known to occur or may occur as migrants. The bald eagle is delisted and being monitored, and the Louisiana black bear is a listed threatened species. Bald eagles have been known to occur in Smith County however, the project area does not contain the large super-canopy roost trees that would provide adequate habitat for the eagle. The Louisiana black bear could occur in Smith County, however, the subject property does not contain suitable habitat conditions that are prime or unique for this species. Our initial review indicates that the proposed work would have no effect on federally-listed endangered or threatened species and concurs with the findings of the FEIS 2001 and FEIS 2005.

NATIONAL REGISTER OF HISTORIC PLACES (NRHP): As part of the FEIS 2001 and FEIS 2005, and in accordance with the requirements of Section 106 of the National Historic Preservation Act (NHPA) in coordination with the State Historic Preservation Officer (SHPO), two historic resources were identified which meet the criteria for listing in the NRHP, but there will be no adverse effects on either of these properties. The applicant is conducting additional surveys to address minor changes in the project alignment. Additional Section 106 coordination would be completed prior to construction should it be necessary.

FLOODPLAIN MANAGEMENT: The USACE is sending a copy of this public notice to the local floodplain administrator. In accordance with 44 CFR part 60 (Flood Plain Management Regulations Criteria for Land Management and Use), the floodplain administrators of participating communities are required to review all proposed development to determine if a floodplain development permit is required and maintain records of such review.

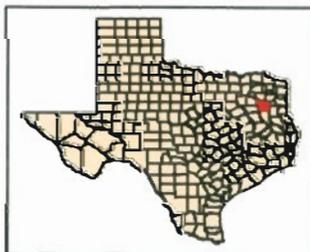
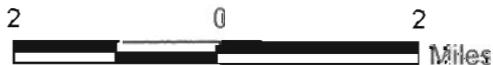
SOLICITATION OF COMMENTS: The public notice is being distributed to all known interested persons in order to assist in developing fact upon which a decision by the USACE may be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

PUBLIC HEARING: Prior to the close of the comment period any person may make a written request for a public hearing setting forth the particular reasons for the request. The District Engineer will determine whether the issues raised are substantial and should be considered in his permit decision. If a public hearing is warranted, all known interested persons will be notified of the time, date, and location.

CLOSE OF COMMENT PERIOD: All comments pertaining to this Public Notice must reach this office on or before October 29, 2010, which is the close of the comment period. Extensions of the comment period may be granted for valid reasons provided a written request is received by the

limiting date. If no comments are received by that date, it will be considered that there are no objections. Comments and requests for additional information should be submitted to Mr. David Madden; Regulatory Branch, CESWF-PER-R; U. S. Army Corps of Engineers; Post Office Box 17300; Fort Worth, Texas 76102-0300. You may visit the Regulatory Branch in Room 3A37 of the Federal Building at 819 Taylor Street in Fort Worth between 8:00 A.M. and 3:30 P.M., Monday through Friday. Telephone inquiries should be directed to (817) 886-1731. Please note that names and addresses of those who submit comments in response to this public notice may be made publicly available.

DISTRICT ENGINEER
FORT WORTH DISTRICT
CORPS OF ENGINEERS



**EXHIBIT A
VICINITY MAP**

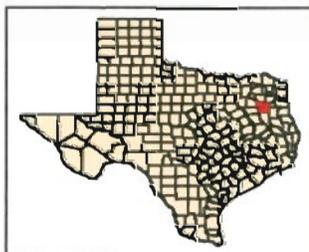
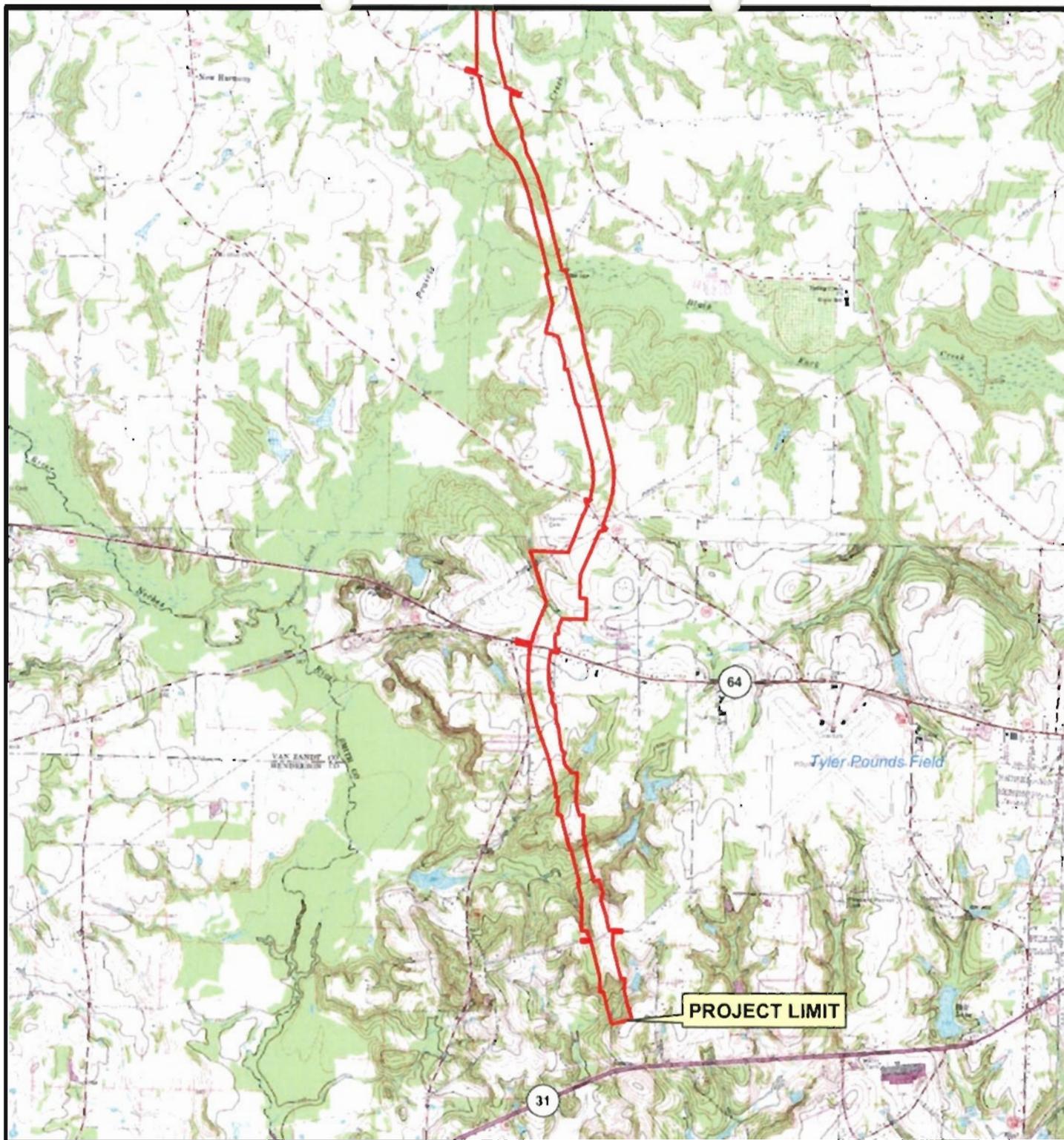
TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

Job No.: 100008839 | Scale: 1" = 10,000' @ 8.5"x11"

Prepared by: PBS&J (19658) | Date: 06/07/10

File: P:\100008839\GIS\Projects\Env\JD\exA_JD_vicinity_060710.mxd

BASE MAP: ESRI STREET MAP DATA



**EXHIBIT B
LOCATION MAP**
TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

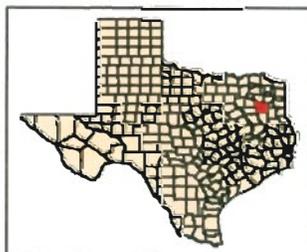
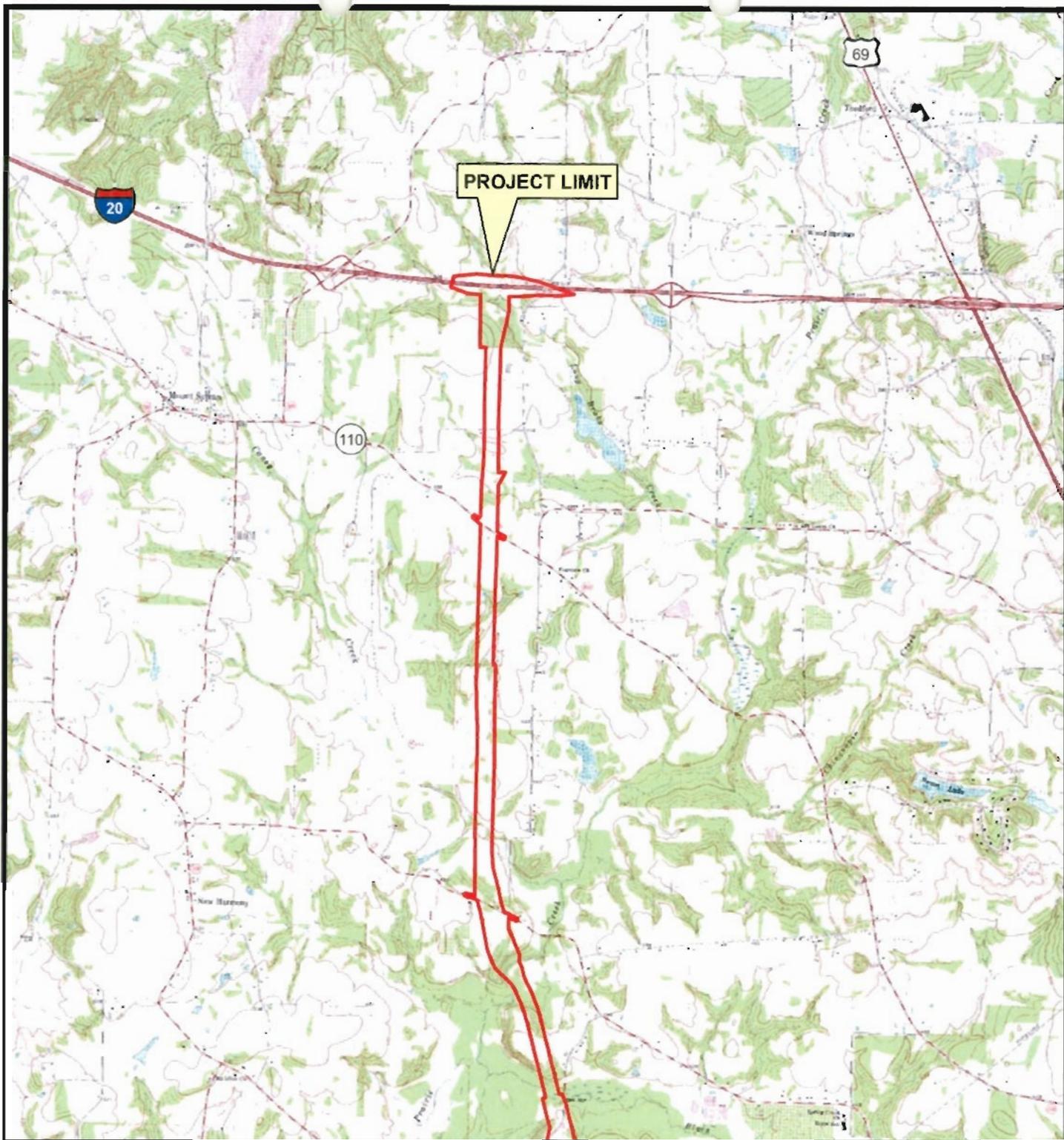
Page 1 of 2

Job No.: 100008839 Scale: 1" = 4,500' @ 8.5"x11"

Prepared by: PBS&J (19658) Date: 06/07/10

File Path: \\100008839\GIS\Projects\Env\JD\ExB_JD_location_060710.mxd

BASE MAP: USGS 7.5' TOPOGRAPHIC MAP, CHANDLER & MOUNT SYLVAN, TEXAS



**EXHIBIT B
LOCATION MAP**
TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

Page 2 of 2

Job No.: 100008839	Scale: 1" = 4,500' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10

File: P:\100008839\GIS\Projects\Env\JD\exB_JD_location_060710.mxd

BASE MAP: USGS 7.5' TOPOGRAPHIC MAP, CHANDLER & MOUNT SYLVAN, TEXAS



<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream
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**EXHIBIT C
WETLAND DELINEATION MAP**

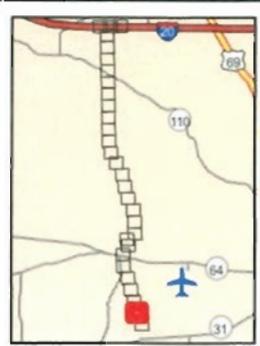
TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 1 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBSSJ (19658)	Date: 06/07/10

File: P:\100008839\GIS\Projects\Env\JD\exC_JD_wet_aerial_060710.mxd

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Data Point	Forested Wetland	Forested Wetland	Forested Wetland
Clearing Limits	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Soils	Emergent Wetland	Emergent Wetland	Emergent Wetland
NWI	Open Water	Open Water	Open Water
100yr Floodplain	Perennial Stream	Perennial Stream	Perennial Stream
Right-of-Entry Not Permitted	Intermittent Stream	Intermittent Stream	Intermittent Stream
	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream



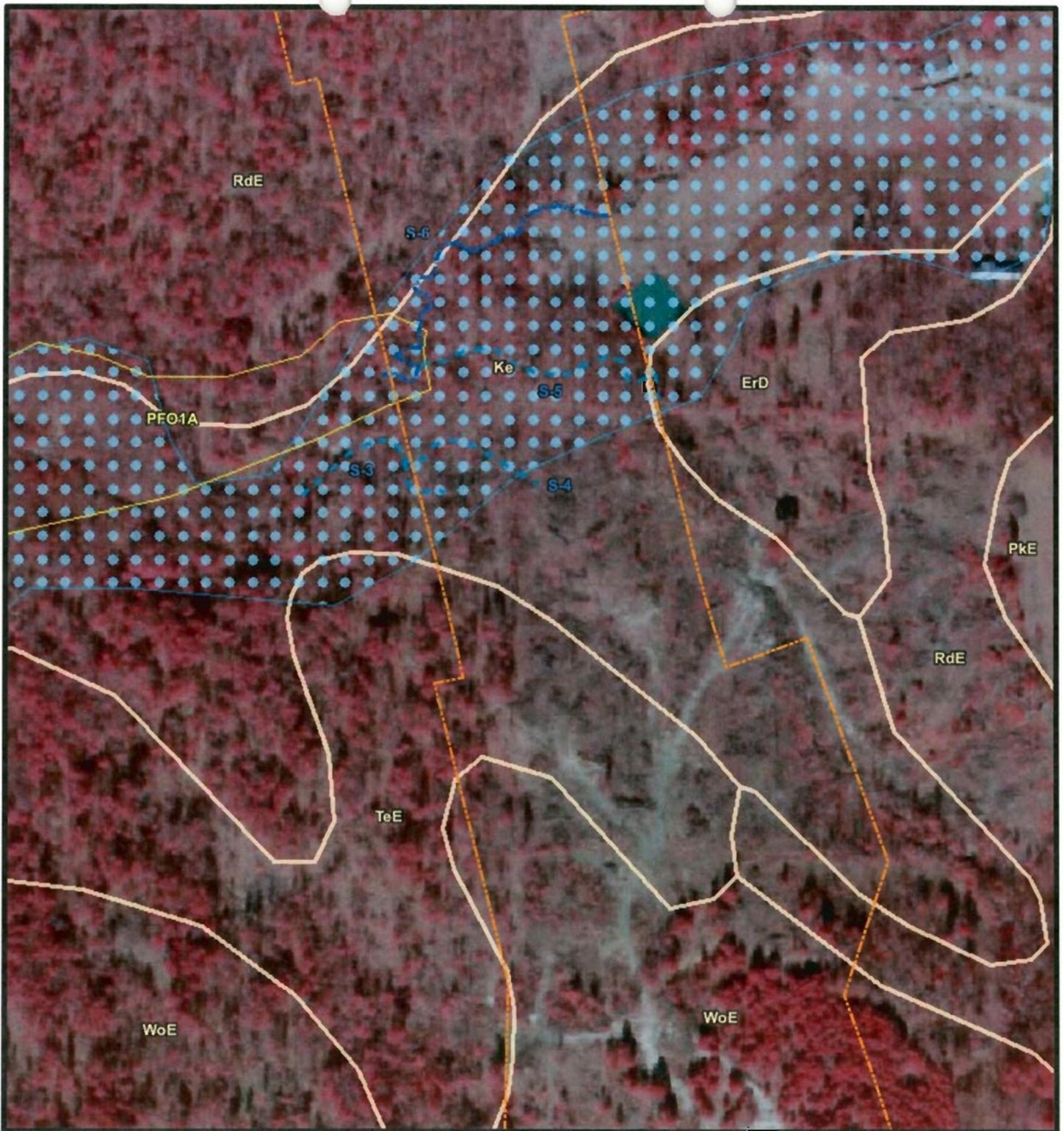
EXHIBIT C
WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 2 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
File: P:\100008839\GIS\Projects\Env\JD\exC_JD_wet_aerial_060710.mxd	

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain X Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream
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**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 3 OF 30

Job No.: 10008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
File: P:\10008839\GIS\Projects\Env\JDexC_JD_wet_aerial_060710.mxd	

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain Rights-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream
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**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 4 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Forested Wetland	Forested Wetland	Forested Wetland	Forested Wetland
Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Emergent Wetland	Emergent Wetland	Emergent Wetland	Emergent Wetland
Open Water	Open Water	Open Water	Open Water
Perennial Stream	Perennial Stream	Perennial Stream	Perennial Stream
Intermittent Stream	Intermittent Stream	Intermittent Stream	Intermittent Stream
Ephemeral Stream	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream

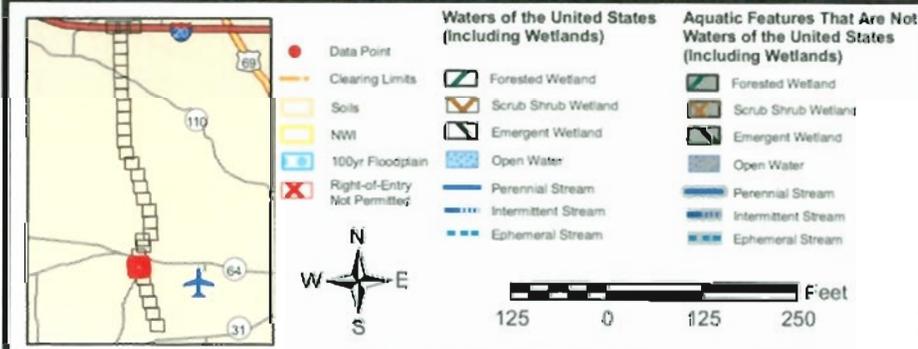
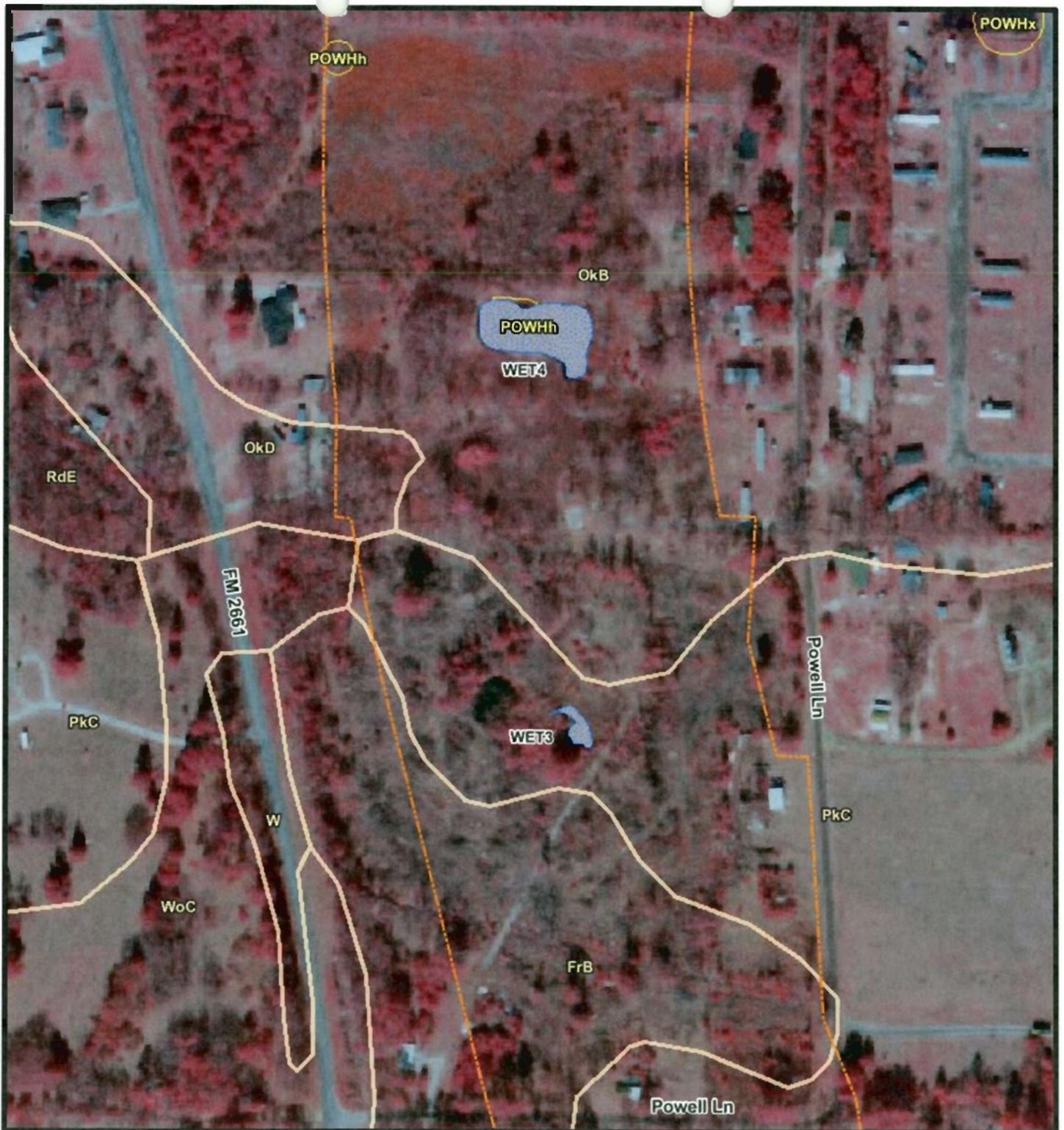


**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS
SHEET 5 OF 30

Job No	100008839	Scale	1" = 250' @ 8.5"x11"
Prepared by	FBSSJ (19658)	Date	06/07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



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North East Texas Regional Water Quality Authority

EXHIBIT C
WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 6 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (15658)	Date: 06/07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Data Point	Forested Wetland	Forested Wetland	Forested Wetland
Clearing Limits	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Soils	Emergent Wetland	Emergent Wetland	Emergent Wetland
NWI	Open Water	Open Water	Open Water
100yr Floodplain	Perennial Stream	Perennial Stream	Perennial Stream
Right-of-Entry Not Permitted	Intermittent Stream	Intermittent Stream	Intermittent Stream
	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream

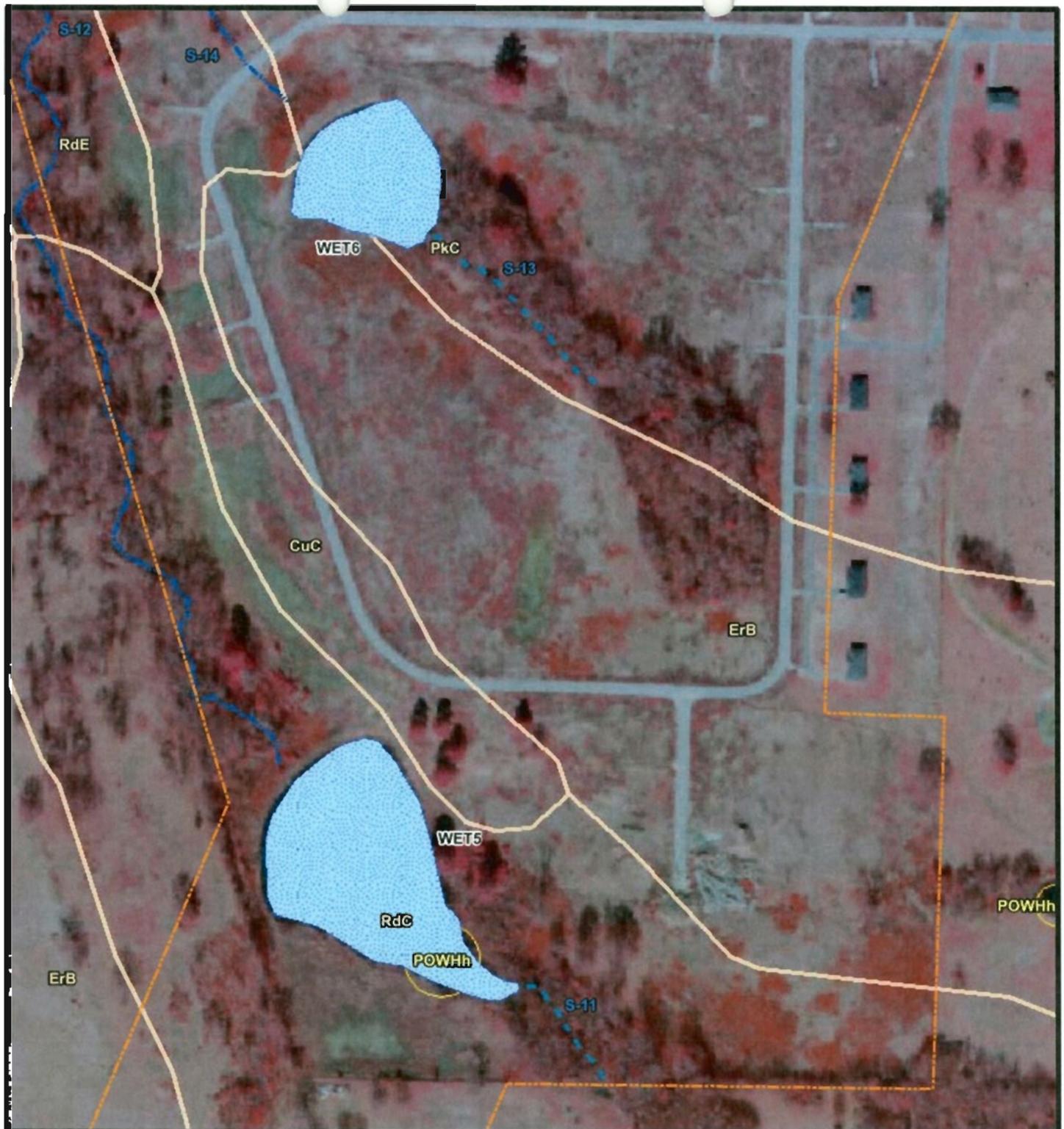


**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS
SHEET 7 OF 30

Job No: T00008839	Scale: 1" = 250' @ 8.5" x 11"
Prepared by: P.B.S.S.J. (19658)	D. rtr: 06/07/10
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BASE MAP: 2009 TOP-NAIP CIR MAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



	<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS

EXHIBIT C

WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 8 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
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	<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS

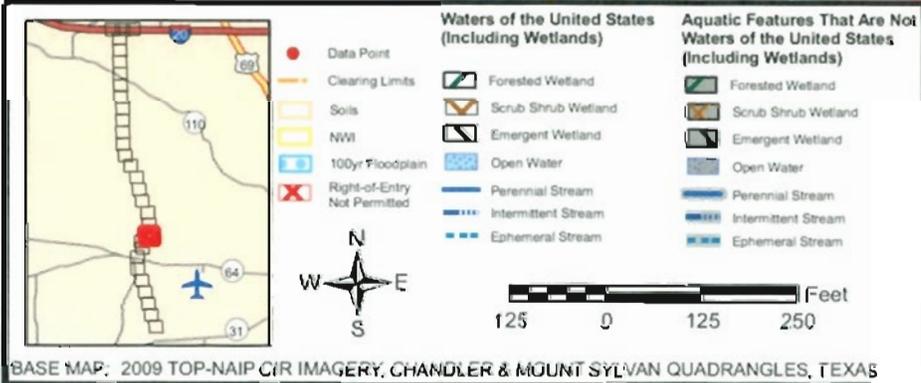
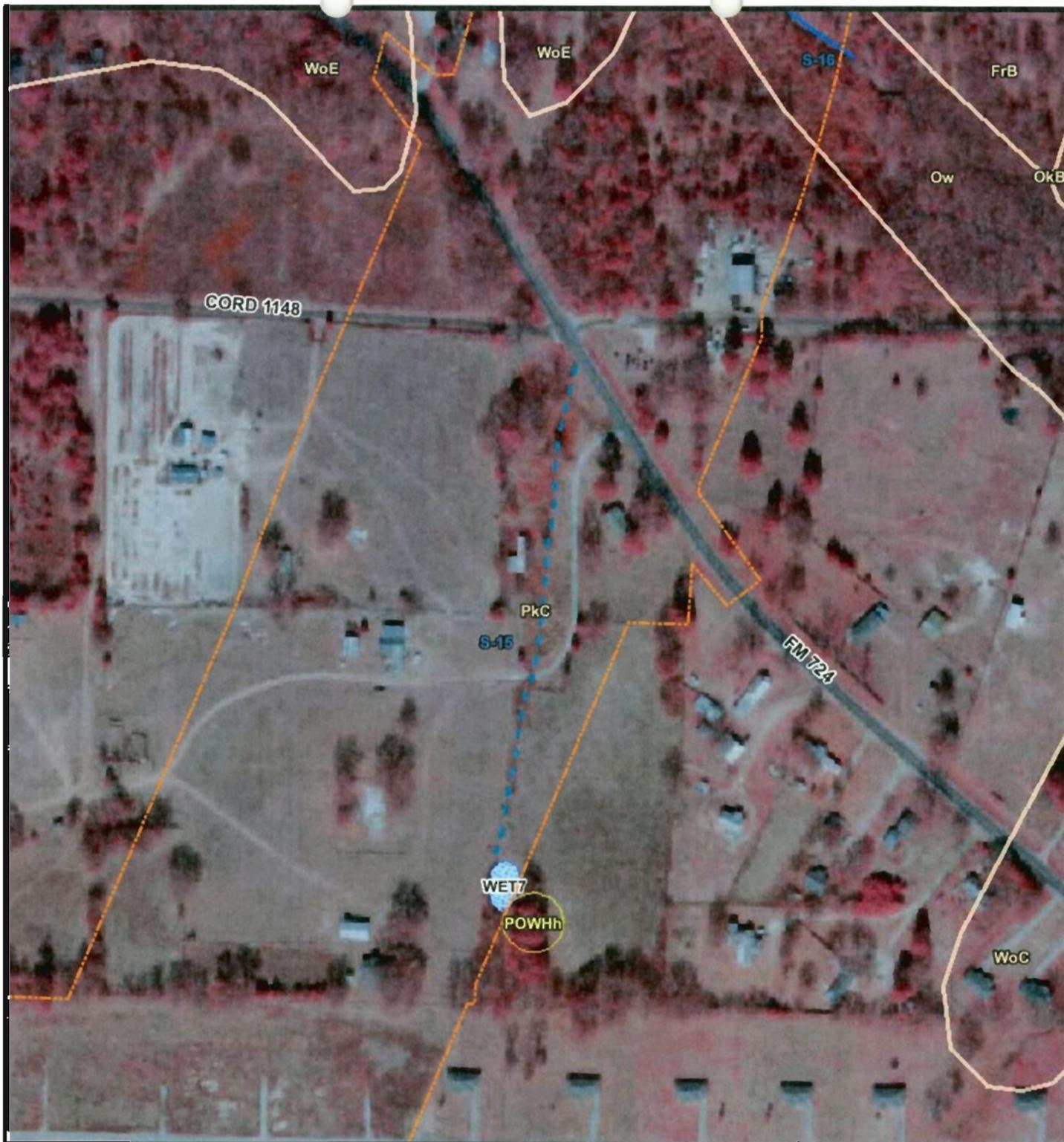


EXHIBIT C
WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 9 OF 30

Job No 10C008639	Scale 1" = 250' @ 8.5" x 11"
Prepared by: PBS&J (19658)	Date: 06/07/10
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Regional Mobility Authority

EXHIBIT C
WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 10 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06-07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



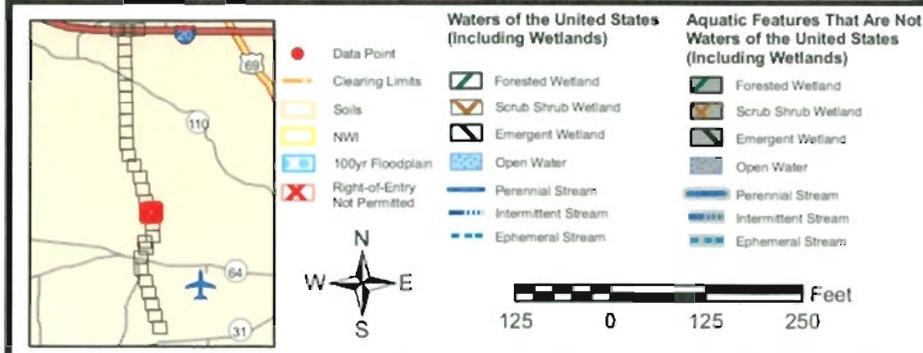
Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Data Point	Forested Wetland	Forested Wetland	Forested Wetland
Clearing Limits	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Soils	Emergent Wetland	Emergent Wetland	Emergent Wetland
NWI	Open Water	Open Water	Open Water
100yr Floodplain	Perennial Stream	Perennial Stream	Perennial Stream
Right-of-Entry Not Permitted	Intermittent Stream	Intermittent Stream	Intermittent Stream
	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream



EXHIBIT C
WETLAND DELINEATION MAP
 TOLL 49 SEGMENT 3B
 FROM SH 31 NORTH TO I-20
 SMITH COUNTY, TEXAS
 SHEET 11 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 05/07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



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Regional Mobility Authority

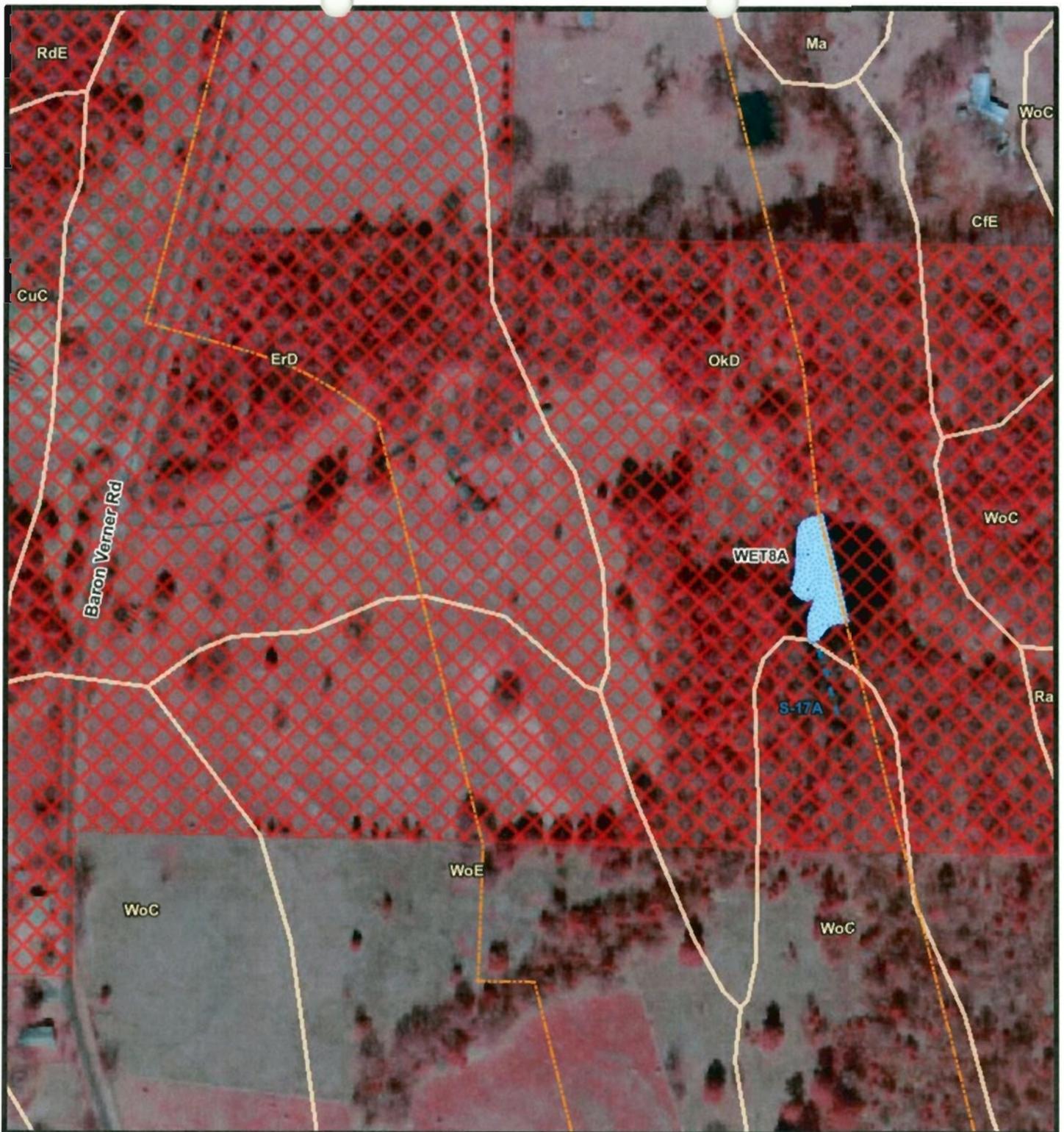
EXHIBIT C
WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 12 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain X Right-of-Entry Not Permitted 	<p>Waters of the United States (Including Wetlands)</p> <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	<p>Aquatic Features That Are Not Waters of the United States (Including Wetlands)</p> <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream
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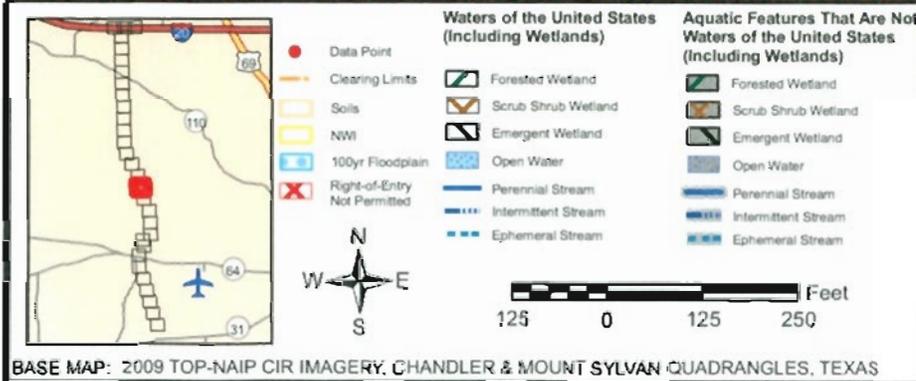
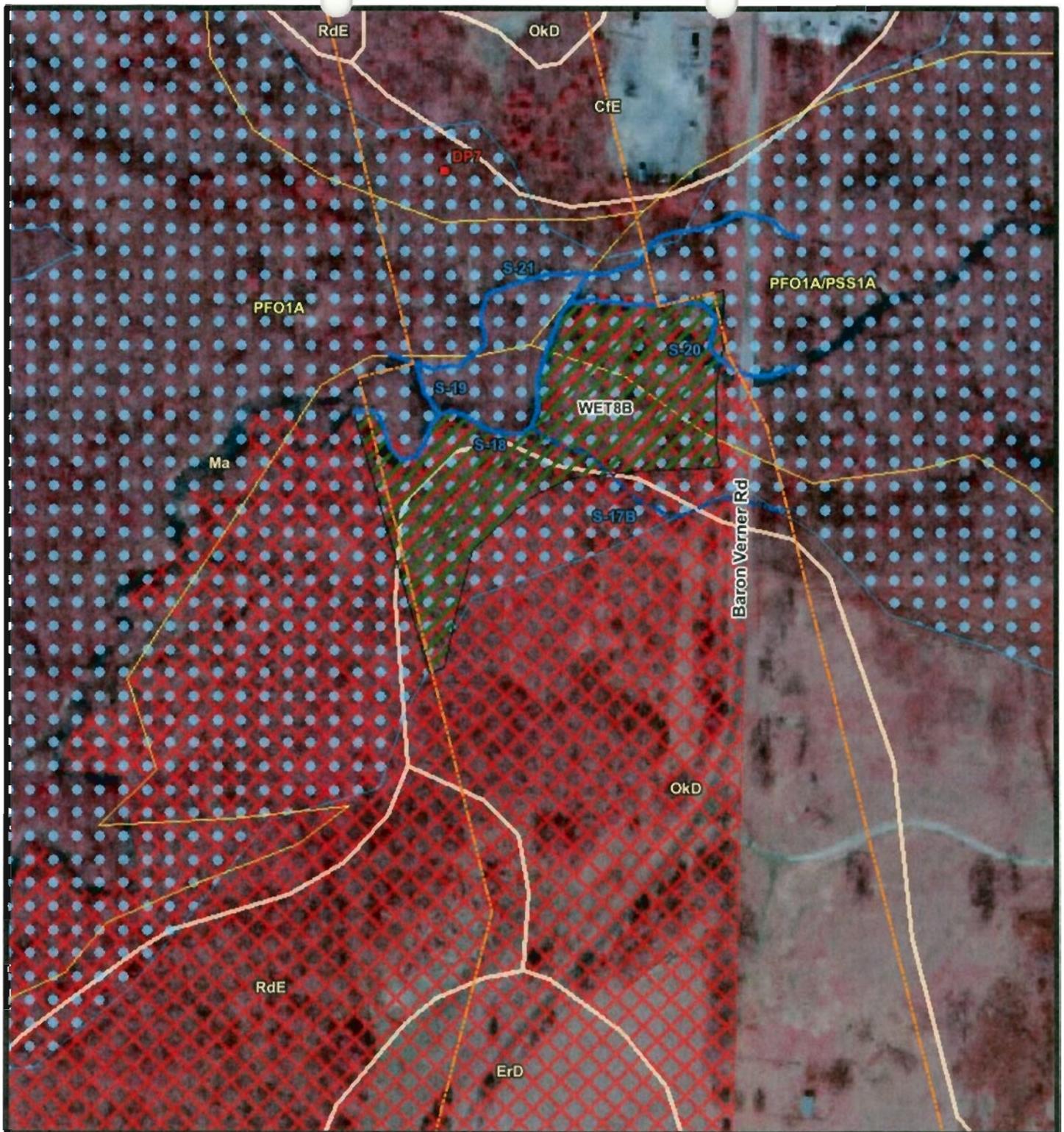
**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 13 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



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North East Texas Regional Mobility Authority

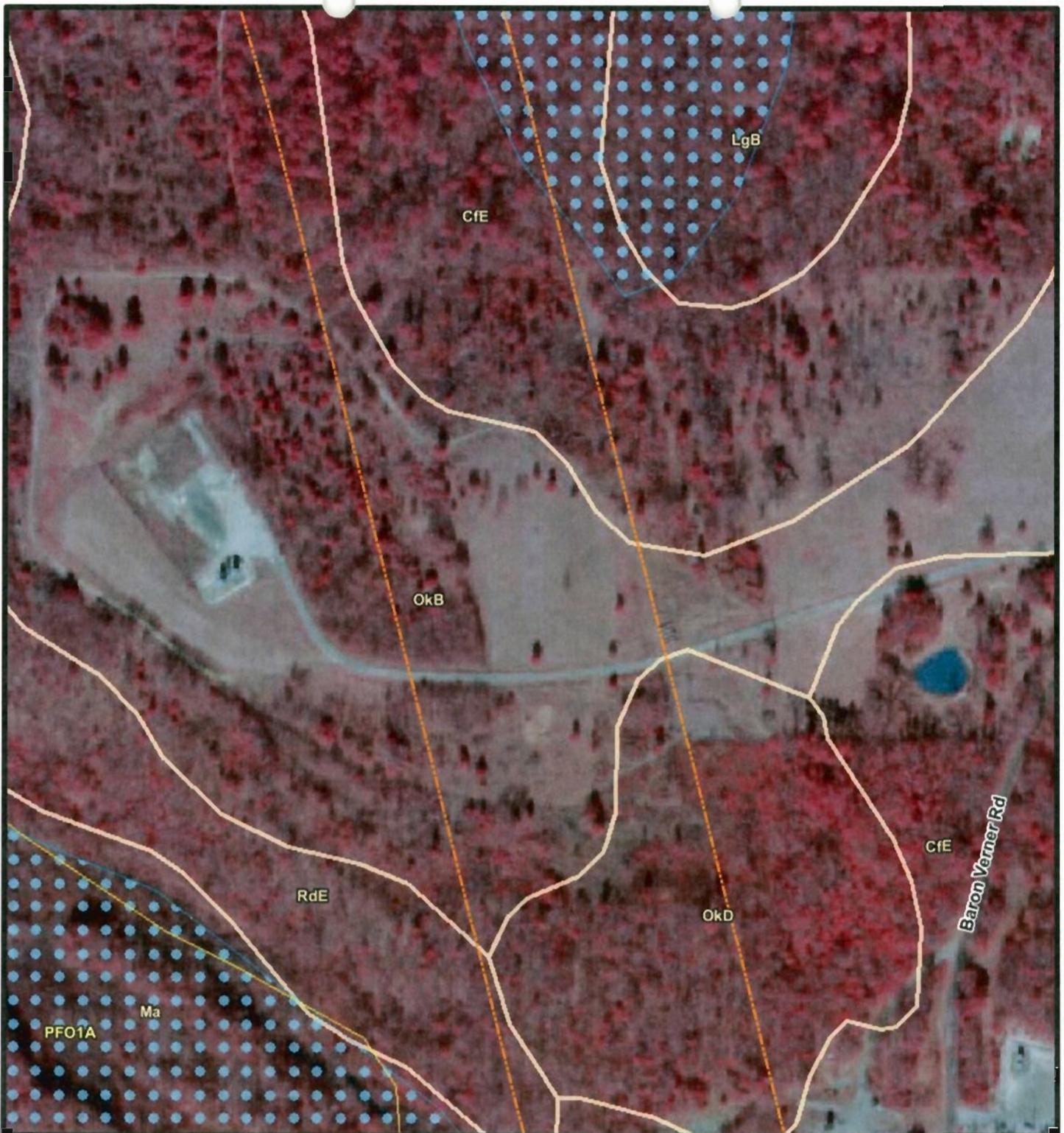
EXHIBIT C
WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 14 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



	<ul style="list-style-type: none"> Data Point Clearing Limits Soils NWI 100yr Floodplain Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream

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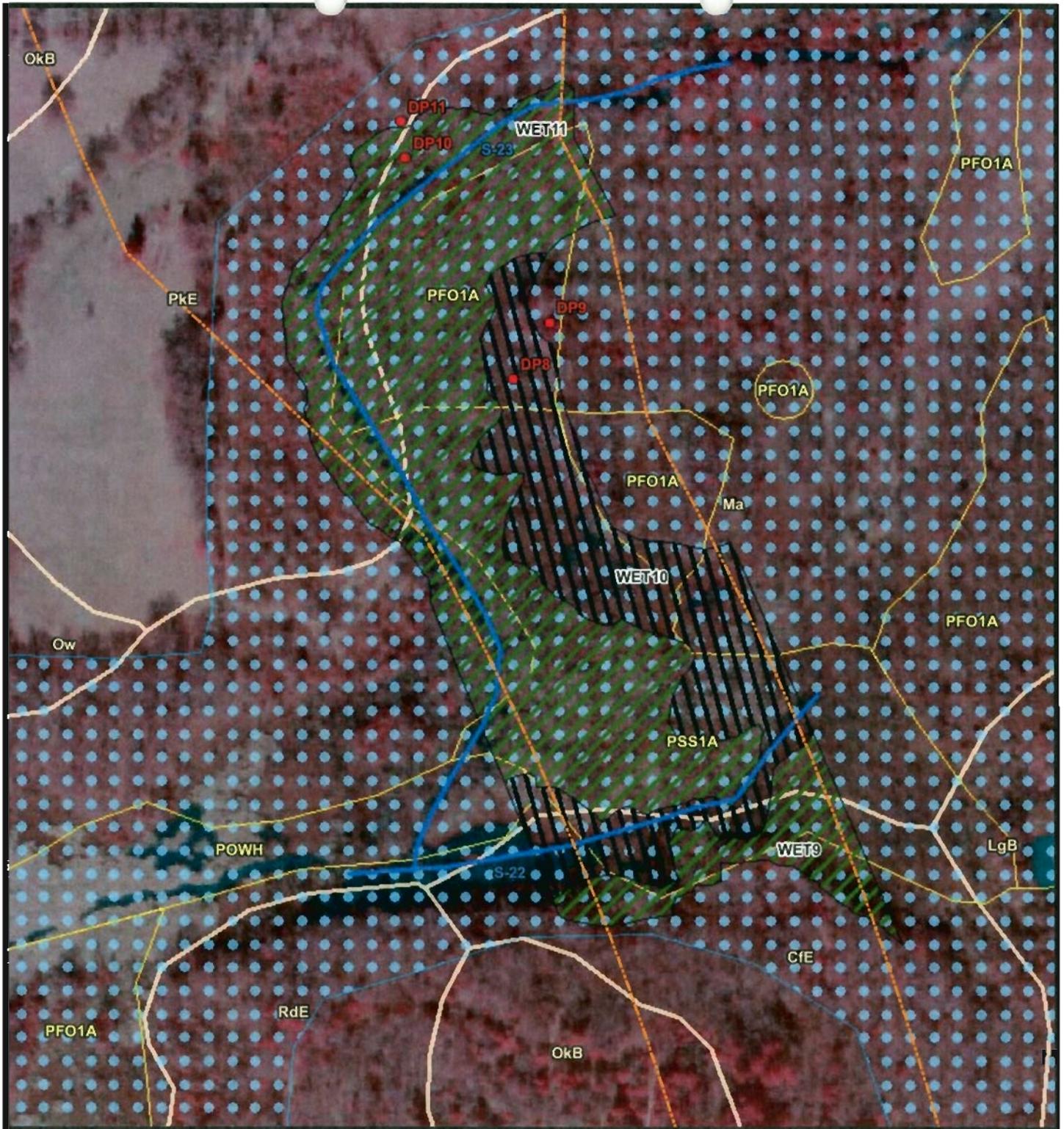
**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 15 OF 30

Job No 100008839	Scale: 1" = 250' @ 8.5"x11"
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



<ul style="list-style-type: none"> ● Data Point — Clearing Limits □ Soils □ NWI □ 100yr Floodplain ⊗ Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> ▨ Forested Wetland ▨ Scrub Shrub Wetland ▨ Emergent Wetland ▨ Open Water — Perennial Stream — Intermittent Stream — Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> ▨ Forested Wetland ▨ Scrub Shrub Wetland ▨ Emergent Wetland ▨ Open Water — Perennial Stream — Intermittent Stream — Ephemeral Stream
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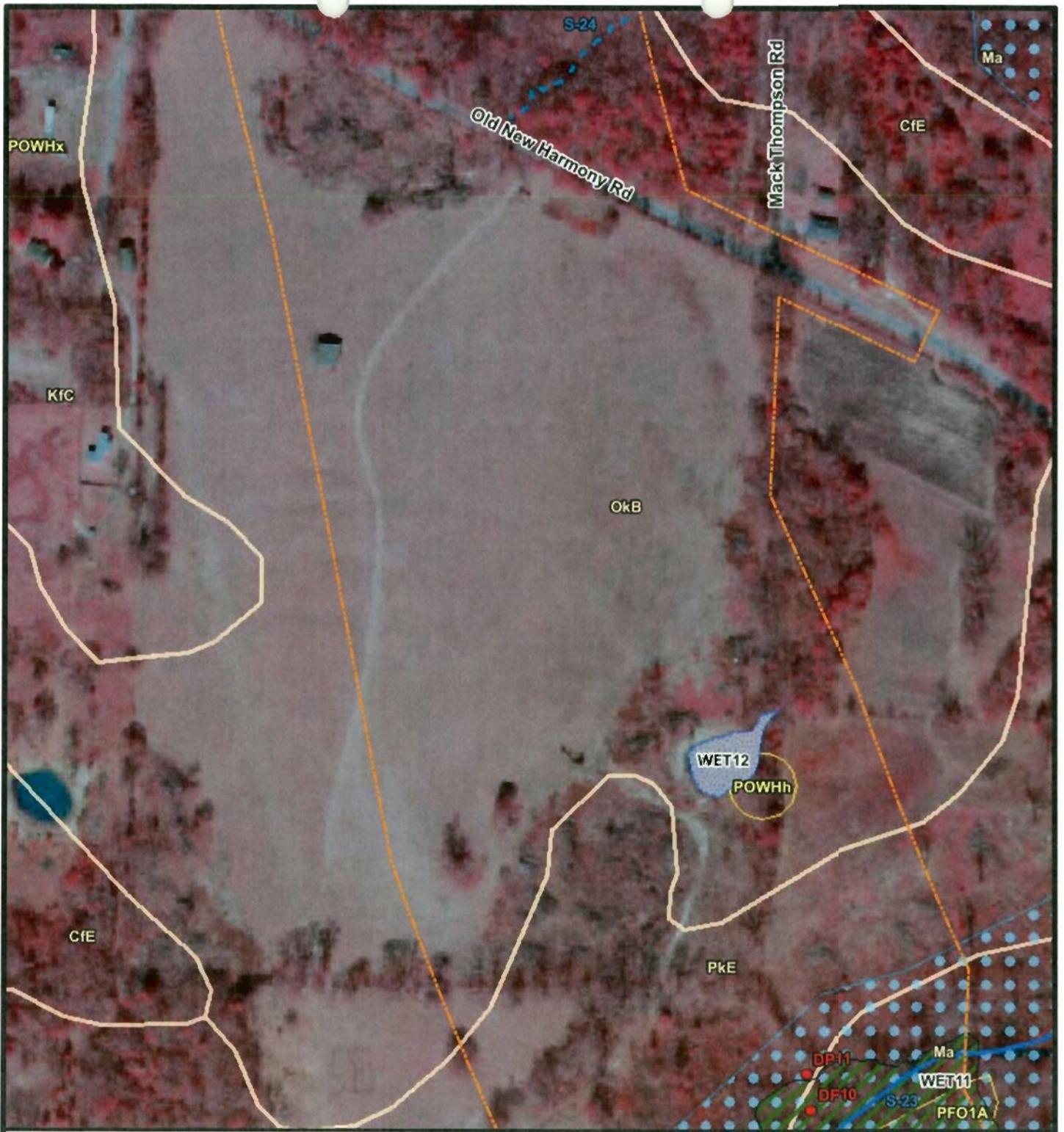
**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 16 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06-07-10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Data Point	Forested Wetland	Forested Wetland	Forested Wetland
Clearing Limits	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Soils	Emergent Wetland	Emergent Wetland	Emergent Wetland
NWI	Open Water	Open Water	Open Water
100yr Floodplain	Perennial Stream	Perennial Stream	Perennial Stream
Right-of-Entry Not Permitted	Intermittent Stream	Intermittent Stream	Intermittent Stream
	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream

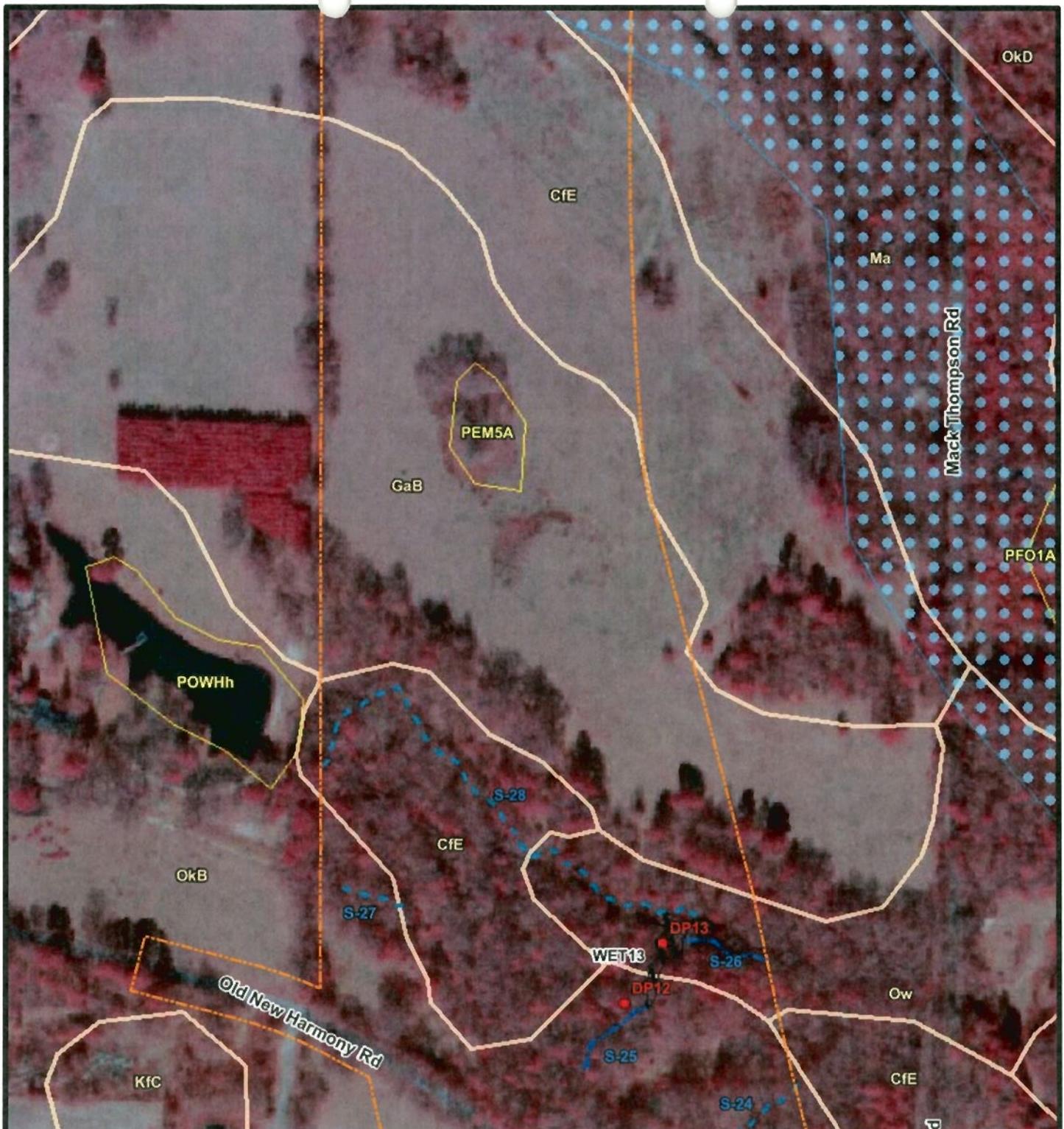


**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS
SHEET 17 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream
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**EXHIBIT C
WETLAND DELINEATION MAP**

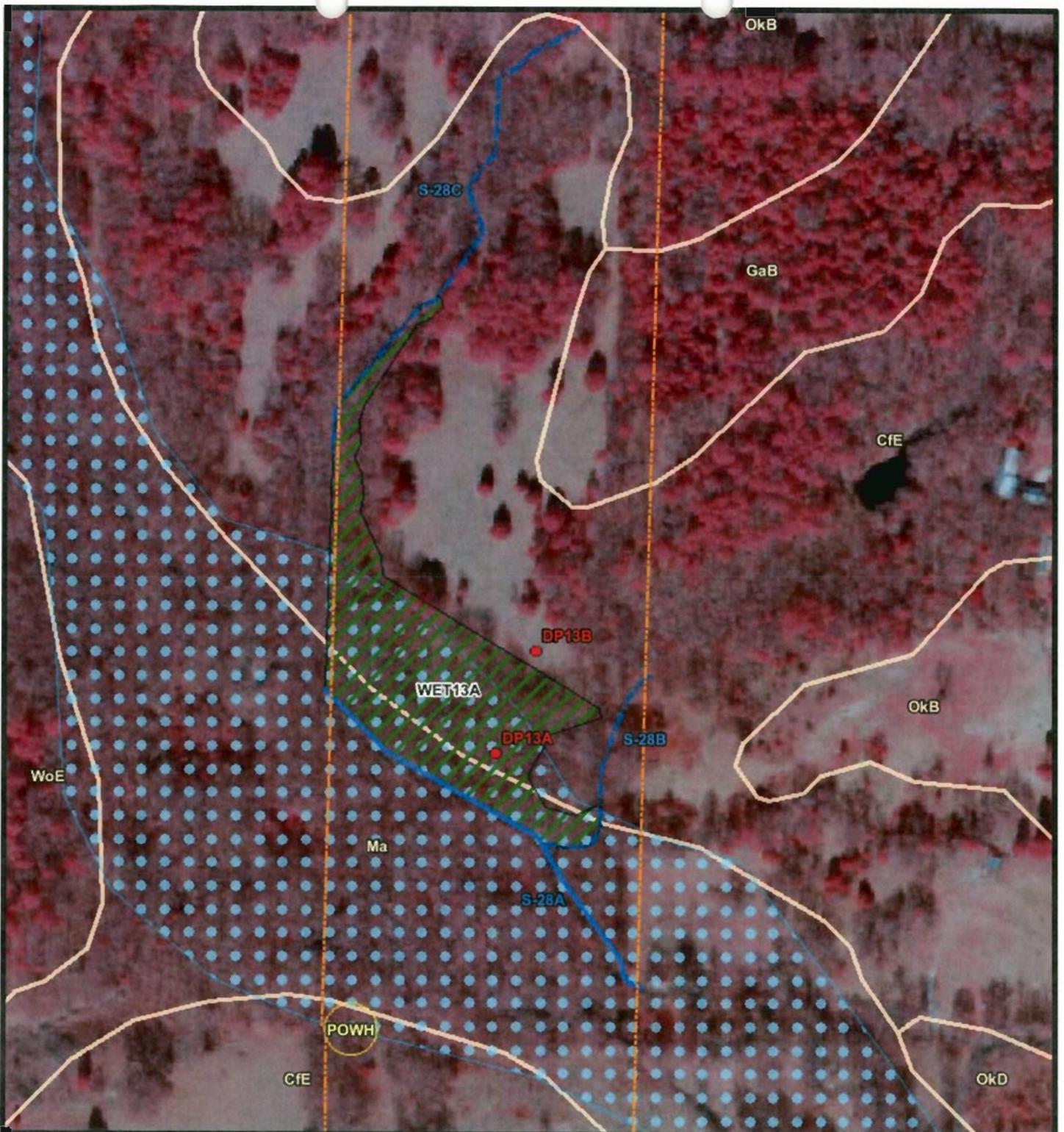
TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 18 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10

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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
● Data Point	▨ Forested Wetland	▨ Forested Wetland	▨ Forested Wetland
— Clearing Limits	▨ Scrub Shrub Wetland	▨ Scrub Shrub Wetland	▨ Scrub Shrub Wetland
□ Soils	▨ Emergent Wetland	▨ Emergent Wetland	▨ Emergent Wetland
□ NWI	▨ Open Water	▨ Open Water	▨ Open Water
■ 100yr Floodplain	▨ Perennial Stream	▨ Perennial Stream	▨ Perennial Stream
⊗ Right-of-Entry Not Permitted	▨ Intermittent Stream	▨ Intermittent Stream	▨ Intermittent Stream
	▨ Ephemeral Stream	▨ Ephemeral Stream	▨ Ephemeral Stream

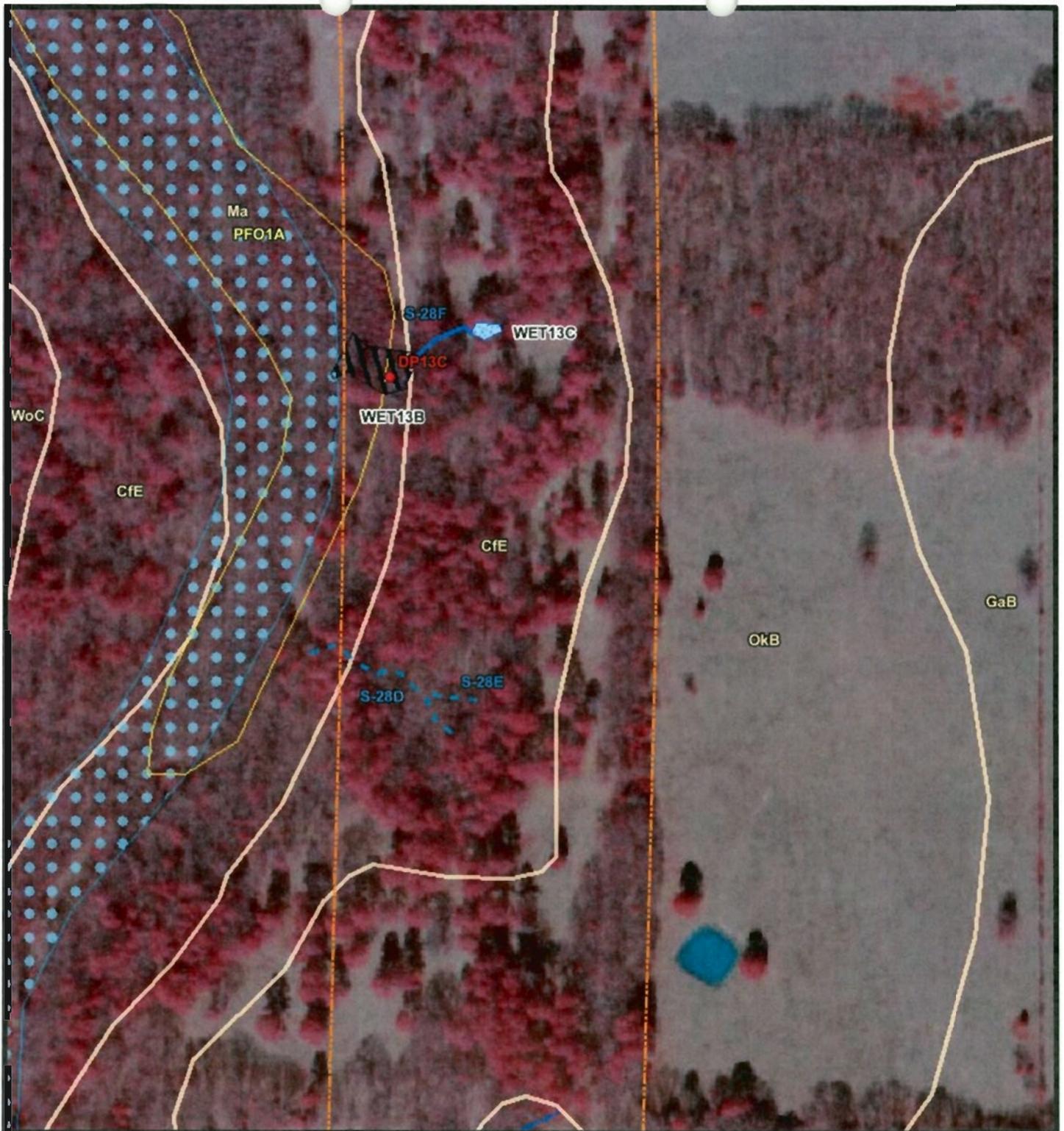
BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS
SHEET 19 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 9.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
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Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
● Data Point	▨ Forested Wetland	▨ Forested Wetland	▨ Forested Wetland
— Clearing Limits	▨ Scrub Shrub Wetland	▨ Scrub Shrub Wetland	▨ Scrub Shrub Wetland
□ Soils	▨ Emergent Wetland	▨ Emergent Wetland	▨ Emergent Wetland
□ NWI	▨ Open Water	▨ Open Water	▨ Open Water
□ 100yr Floodplain	▨ Perennial Stream	▨ Perennial Stream	▨ Perennial Stream
⊗ Rights-of-Entry Not Permitted	▨ Intermittent Stream	▨ Intermittent Stream	▨ Intermittent Stream
	▨ Ephemeral Stream	▨ Ephemeral Stream	▨ Ephemeral Stream



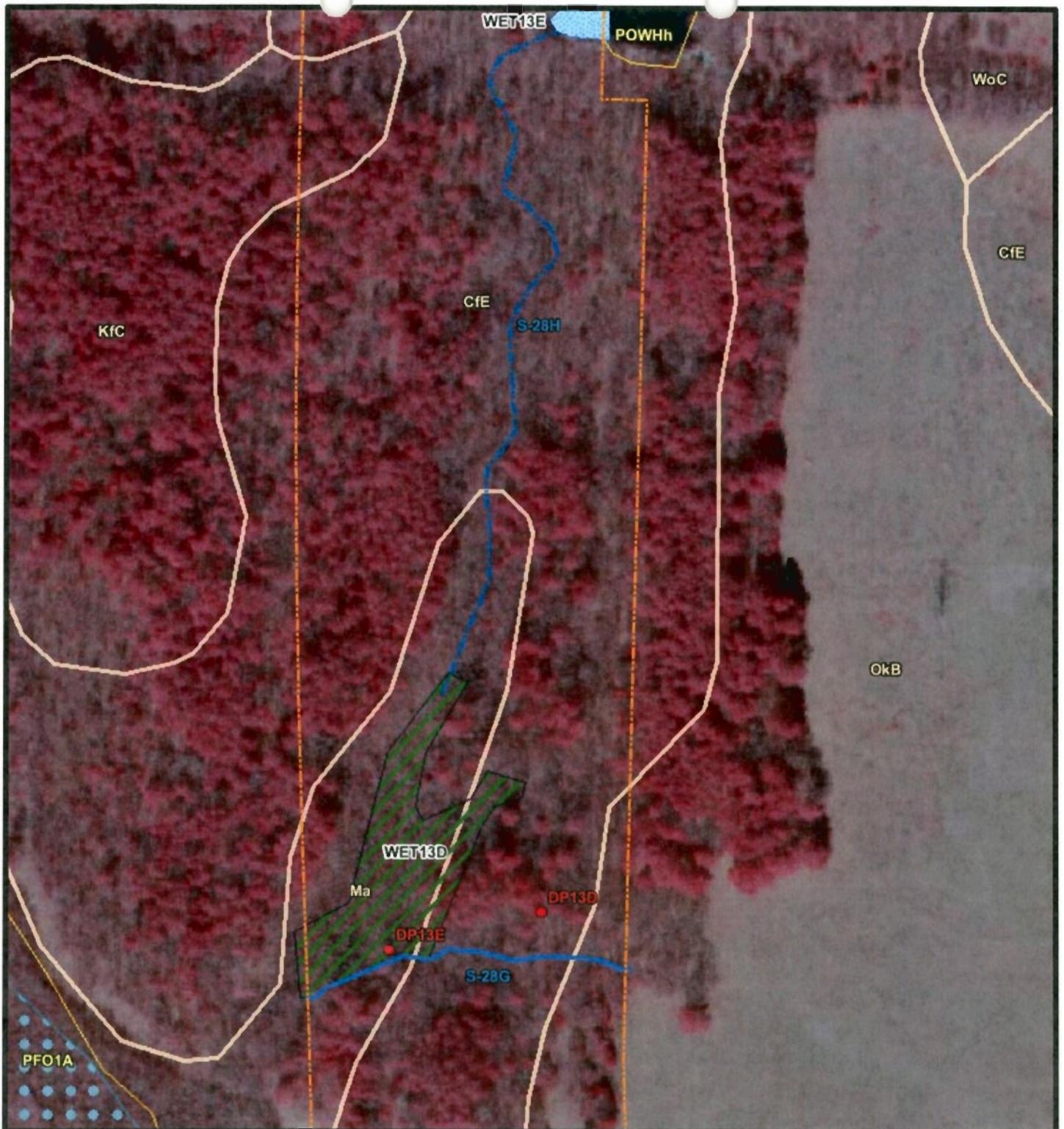
**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 20 OF 30

Job No. 100008839	Scale: 1" = 250' @ 8.5x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
File: P:\100008839\GIS\Projects\Env\JD\exC_JD_wet_aerial_060710.mxd	

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Data Point	Forested Wetland	Forested Wetland	Forested Wetland
Clearing Limits	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Soils	Emergent Wetland	Emergent Wetland	Emergent Wetland
NWI	Open Water	Open Water	Open Water
100yr Floodplain	Perennial Stream	Perennial Stream	Perennial Stream
Right-of-Entry Not Permitted	Intermittent Stream	Intermittent Stream	Intermittent Stream
	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream



**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS
SHEET 21 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: P&S&J (19658)	Date: 06/07/10
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Forested Wetland	Forested Wetland	Forested Wetland	Forested Wetland
Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Emergent Wetland	Emergent Wetland	Emergent Wetland	Emergent Wetland
Open Water	Open Water	Open Water	Open Water
Perennial Stream	Perennial Stream	Perennial Stream	Perennial Stream
Intermittent Stream	Intermittent Stream	Intermittent Stream	Intermittent Stream
Ephemeral Stream	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream



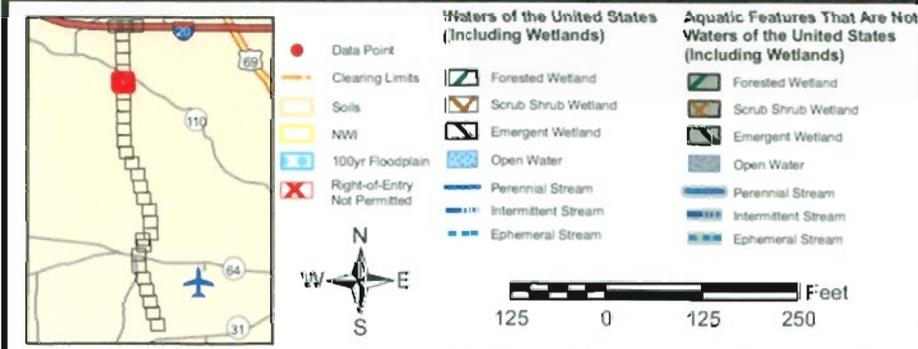
**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 22 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
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BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



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Regional Mobility Authority

EXHIBIT C
WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 23 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	D.: 06/07/10
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BASE MAP: 2009 TOP-NAIP CIRIMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Forested Wetland	Forested Wetland	Forested Wetland	Forested Wetland
Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Emergent Wetland	Emergent Wetland	Emergent Wetland	Emergent Wetland
Open Water	Open Water	Open Water	Open Water
Perennial Stream	Perennial Stream	Perennial Stream	Perennial Stream
Intermittent Stream	Intermittent Stream	Intermittent Stream	Intermittent Stream
Ephemeral Stream	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream



**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS
SHEET 24 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
File: P:\100008839\GIS\Projects\Env\JD\exC_JD_wet_aerial_060710.mxd	

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Data Point	Forested Wetland	Forested Wetland	Forested Wetland
Clearing Limits	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Soils	Emergent Wetland	Emergent Wetland	Emergent Wetland
NWI	Open Water	Open Water	Open Water
100yr Floodplain	Perennial Stream	Perennial Stream	Perennial Stream
Right-of-Entry Not Permitted	Intermittent Stream	Intermittent Stream	Intermittent Stream
	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream



**EXHIBIT C
WETLAND DELINEATION MAP**

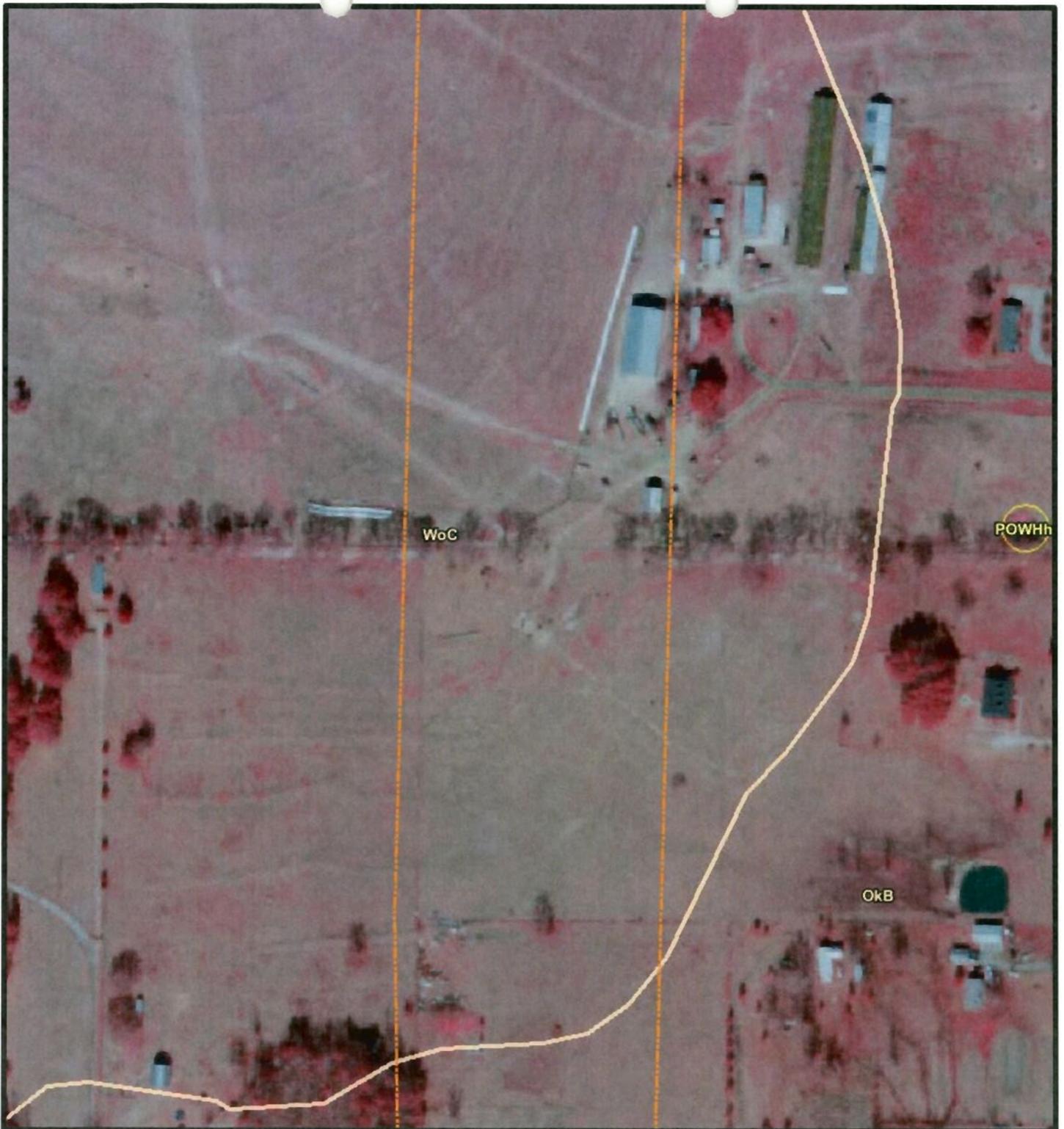
TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 25 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10

File: P:\100008839\GIS\Projects\Env\JD\exC_JD_wet_aerial_060710.mxd

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



	<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream

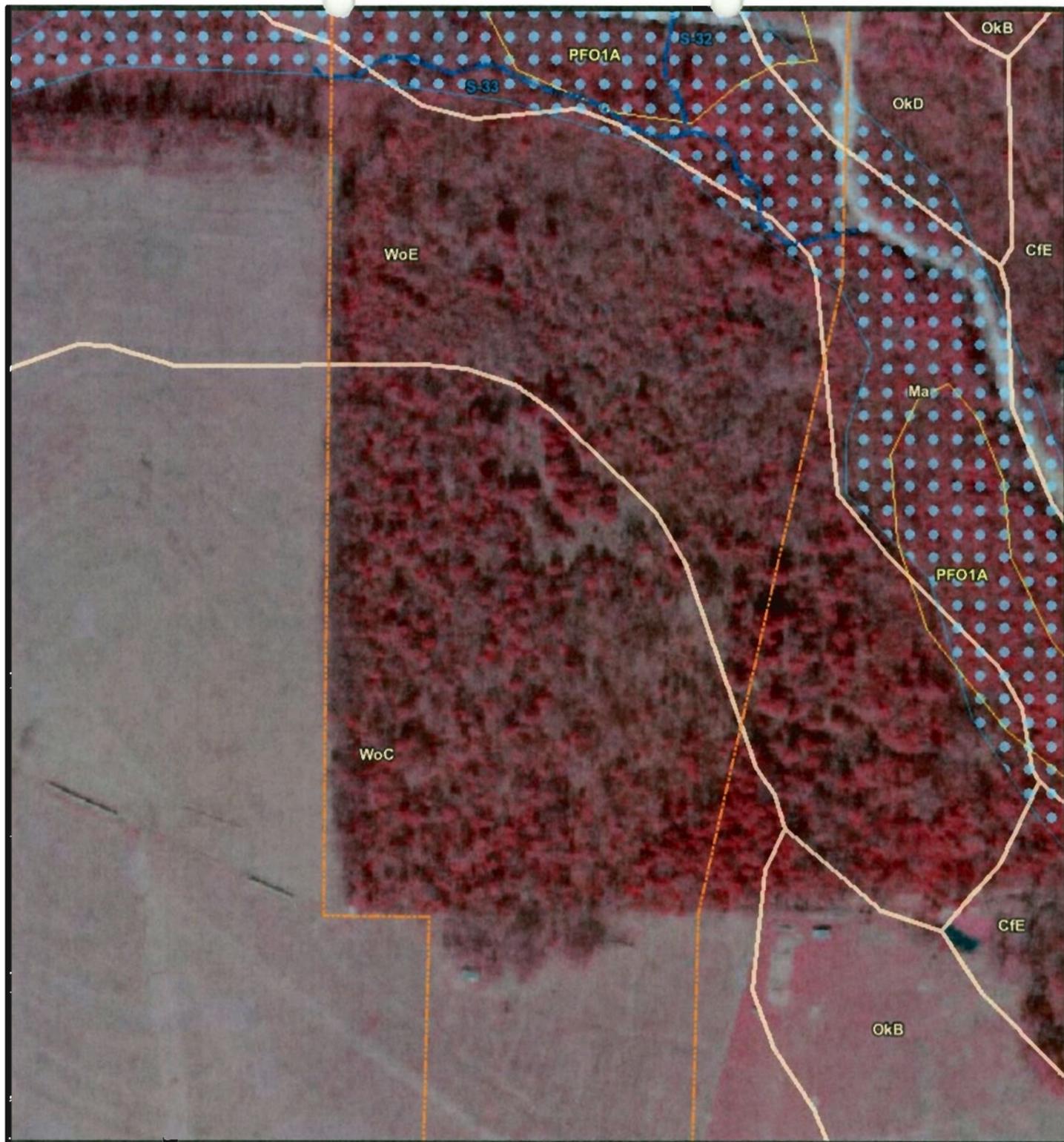
EXHIBIT C
WETLAND DELINEATION MAP

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 26 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
File: P:\100008839\GIS\Projects\Env\JD\exC_JD_wet_aerial_060710.mxd	

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain X Right-of-Entry Not Permitted 	<p>Waters of the United States (Including Wetlands)</p> <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	<p>Aquatic Features That Are Not Waters of the United States (Including Wetlands)</p> <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream
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**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 27 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19/05/10)	Date: 06/07/10
File: P:\100008839\GIS\Projects\Env\JD\exC_ID_wet_aerial_060710.mxd	

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



<ul style="list-style-type: none"> ● Data Point Clearing Limits Soils NWI 100yr Floodplain X Right-of-Entry Not Permitted 	Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream 	Aquatic Features That Are Not Waters of the United States (Including Wetlands) <ul style="list-style-type: none"> Forested Wetland Scrub Shrub Wetland Emergent Wetland Open Water Perennial Stream Intermittent Stream Ephemeral Stream
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**EXHIBIT C
WETLAND DELINEATION MAP**

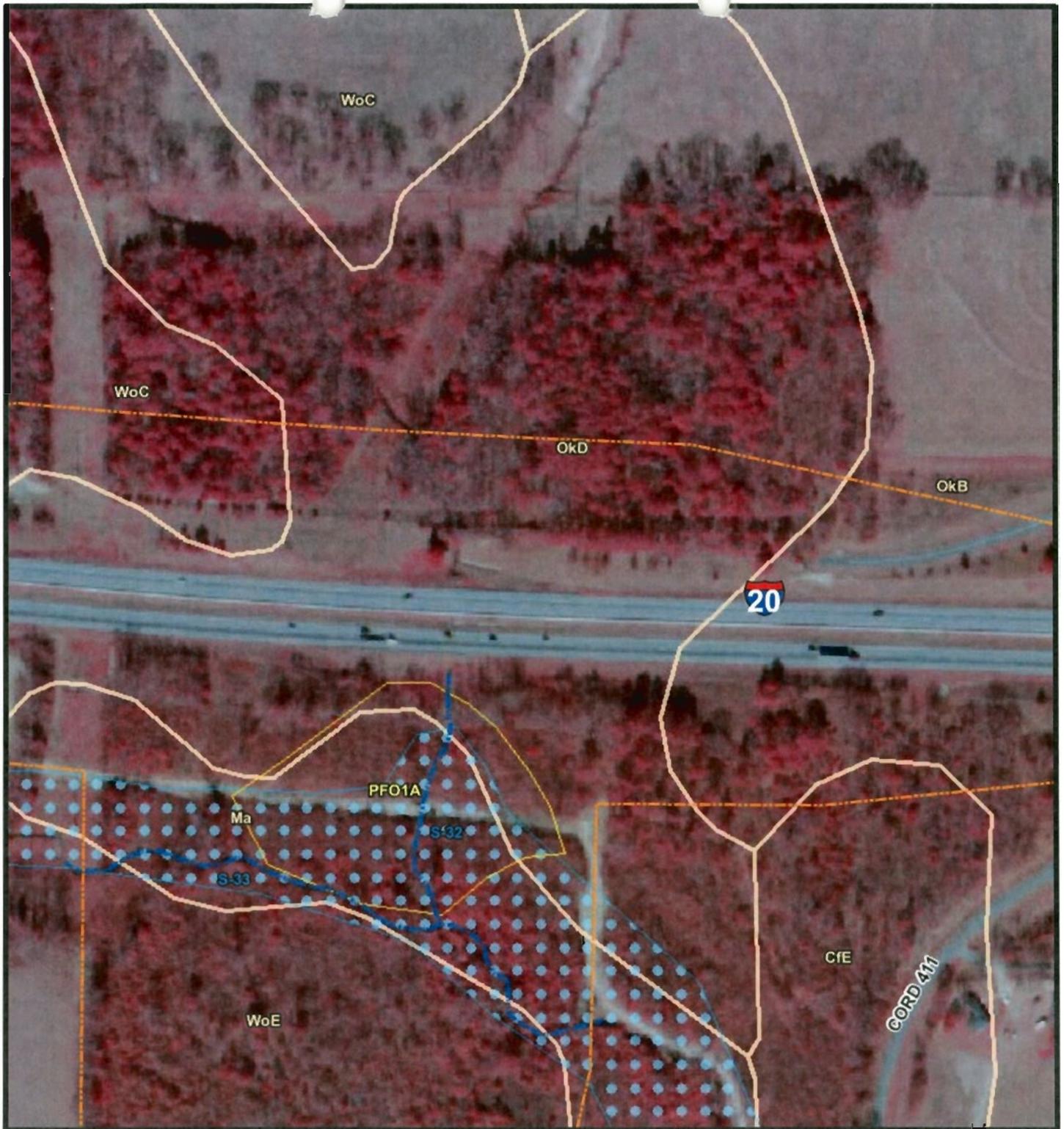
TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 28 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: P855J (19658)	Date: 06/07/10

File: P:\100008839\GIS\Projects\Env\JD\ex_C_JD_wet_aerial_060710.mxd

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Data Point	Forested Wetland	Forested Wetland	Forested Wetland
Clearing Limits	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
Soils	Emergent Wetland	Emergent Wetland	Emergent Wetland
NWI	Open Water	Open Water	Open Water
100yr Floodplain	Perennial Stream	Perennial Stream	Perennial Stream
Right-of-Entry Not Permitted	Intermittent Stream	Intermittent Stream	Intermittent Stream
	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream

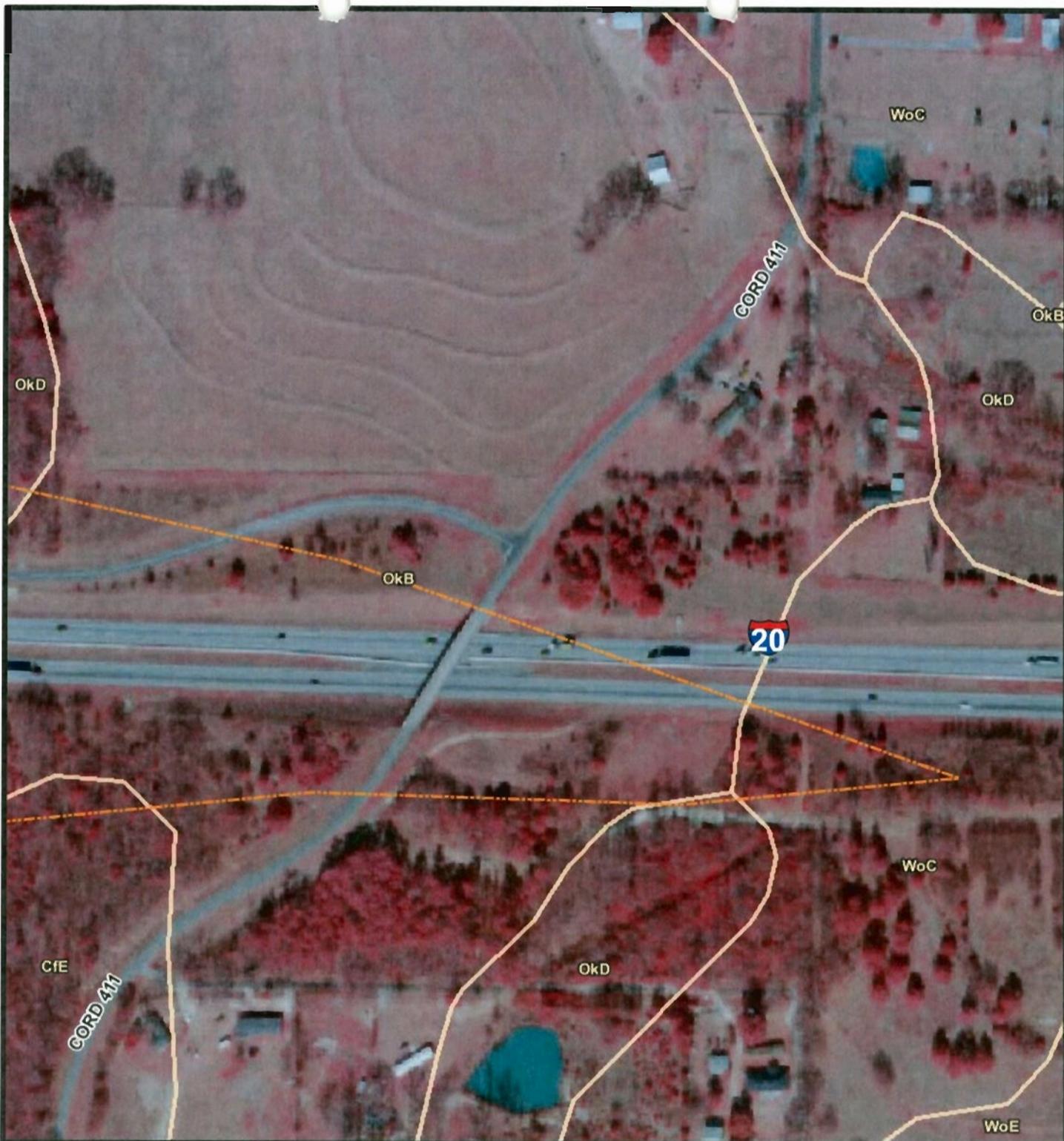


**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS
SHEET 29 OF 30

Job No.: 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19658)	Date: 06/07/10
File: P:\100008839\GIS\Projects\Env\Jd\exC_JD_wet_aerial_060710.mxd	

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS



Waters of the United States (Including Wetlands)		Aquatic Features That Are Not Waters of the United States (Including Wetlands)	
Data Point	Forested Wetland	Forested Wetland	Forested Wetland
Clearing Limits	Scrub Shrub Wetland	Scrub Shrub Wetland	Scrub Shrub Wetland
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NWI	Open Water	Open Water	Open Water
100yr Floodplain	Perennial Stream	Perennial Stream	Perennial Stream
Right-of-Entry Not Permitted	Intermittent Stream	Intermittent Stream	Intermittent Stream
	Ephemeral Stream	Ephemeral Stream	Ephemeral Stream



**EXHIBIT C
WETLAND DELINEATION MAP**

TOLL 49 SEGMENT 3B
FROM SH 31 NORTH TO I-20
SMITH COUNTY, TEXAS

SHEET 30 OF 30

Job No. 100008839	Scale: 1" = 250' @ 8.5"x11"
Prepared by: PBS&J (19958)	Date: 06/07/10
File: P:\100008839 GIS\Pro\cds\Env\JD\lexC_JD_wet_aerial_060710.mxd	

BASE MAP: 2009 TOP-NAIP CIR IMAGERY, CHANDLER & MOUNT SYLVAN QUADRANGLES, TEXAS