Texas Commission on Environmental Quality

Transportation Data and Coordination Report Form for Municipal Solid Waste Type I Landfills

This form is for use by applicants or site operators of Municipal Solid Waste (MSW) Type I landfills to provide data and information to address the availability and adequacy of access roads to a landfill site, the volume of vehicular traffic on and generated by the facility on area roadways, and to provide coordination information as required under 30 TAC §330.61(i). Roadways that provide primary access to a landfill facility must be adequate and possess appropriate design capacity to safely accommodate the additional volumes and weights of traffic generated or expected to be generated by this landfill facility during its active life. Data provided in this form should correspond with data contained in the coordination documents submitted to the Texas Department of Transportation or other agency that has jurisdiction over affected area roads.

If you need assistance in completing this form, please contact the Municipal Solid Waste Permits Section of the Waste Permits Division at (512) 239-2335.

I. General Information

Facility Name: Peach Creek Environmental Park

MSW Permit No.: 2406

Site Operator/Permittee Name and Mailing Address: PC-II, LLC, 300 Concourse Blvd., Suite 101, Ridgeland, MS 39157

II. Documentation of Coordination with the Texas Department of Transportation (TXDOT) for Traffic and Location Restrictions

1. A traffic study document and cover letter was submitted to TXDOT as Coordination for traffic and location restrictions for the subject facility and a copy of the documents submitted to TXDOT is attached herein: ☒ Yes ☐ No

   If you checked "No" , provide explanation:

2. Date of submission of the coordination documents to TXDOT: February 16, 2024

3. TXDOT's response received? ☐ Yes ☒ No

4. If "No" is checked in response to Item I.3 above, complete Items I.4 and I.5 below only after TxDOT's response is received.

5. Did TxDOT's response include recommendation of improvements to any of the roadways or intersections that lead to the site? ☐ Yes ☐ No

6. If you checked "Yes" in Item I.5 above, proceed to Section III., TxDOT's Recommended Roadway or Intersection Improvements (as applicable).

7. If you checked "No" in Item I.5 above, provide TxDOT's response to the traffic and location restrictions compliance coordination for the subject site: *(Enter TxDOT's response to coordination correspondence)*

III. TxDOT Recommended Roadway or Intersection Improvements (as applicable)

Enter TxDOT's recommendations for improvement of roadways or intersections that lead to the site:

1.

2.

3.

IV. Documentation of Coordination of Improvement Designs of Public Roadways (turning lanes, storage lanes, acceleration/deceleration lanes, etc.) at and Near the Site Entrances with Agencies that Exercise Maintenance Responsibility

1. Complete Table 1 with information regarding documentation of coordination of improvement designs for existing and proposed roads.

Table 1: Public Roadway Improvements Coordination

Existing and Proposed Roads Associated with the Site Entrance(s)	Agency Exercising Maintenance Responsibility	Date of Coordination Correspondence from the Applicant or Site Operator to the Agency Responsible	Date of the Coordination Response Letter from the Agency Responsible	Did the Agency Responsible Require Improvements to the Roadway(s) Associated with the Site Entrance(s) (check Yes or No as applicable)
Fostoria Tram Rd	San Jacinto County Commissioner David Brandon	October 4, 2023 December 13, 2023	January 12, 2024	☐Yes ☒No

Existing and Proposed Roads Associated with the Site Entrance(s)	Agency Exercising Maintenance Responsibility	Date of Coordination Correspondence from the Applicant or Site Operator to the Agency Responsible	Date of the Coordination Response Letter from the Agency Responsible	Did the Agency Responsible Require Improvements to the Roadway(s) Associated with the Site Entrance(s) (check Yes or No as applicable)
				☐Yes ☐No
				☐Yes ☐No
				☐Yes ☐No

2. If you checked "Yes" in the last column of Table 1, indicating that improvements are required, address the following:

   (a) Briefly describe the improvements proposed for the public roadway(s) associated with the site entrance(s):

   (b) A copy of the proposed improvement design submitted to the agency exercising maintenance responsibility over the roadway is attached herein: ☐Yes ☐No. If you checked "No" please explain:

   (c) A copy of the response letter from the agency exercising maintenance responsibility over the roadway(s) associated with the site entrance(s) approving the improvement design is attached herein: ☐Yes ☐No. If you checked "No" please explain:

V. Facility Location and Operation Information Used in Estimating Transportation Data

1. Facility Location Information

   Located in San Jacinto County, Texas approximately seven miles northwest of the intersection of US 59 and SH 105 (Latitude N30d 23m 27s; Longitude W95d 11m 22s)

2. Waste Acceptance Rates

   (a) Initial Waste Acceptance Rate: 1,300 tons/day (2025)

(b) Estimated Maximum Waste Acceptance Rate at any Time During Facility Life: 2,175 tons/day (2050)

3. Hours of Operation and Site Life

(a) a. Operating Hours: 5 am – 9 pm Monday - Saturday

(b) b. Waste Acceptance Hours: 7 am – 7 pm Mon-Fri; 7 am – 12 pm Sat

(c) c. Estimated Site Life: 25 years

4. Other Information Used or Assumed in Estimating Transportation Data: See Traffic Impact Analysis in Parts I/II Appendix L.

VI. Facility Daily Traffic Volume Data

1. Complete Table 2 with estimated existing daily volume of traffic generated by the facility.

Table 2: Estimated Existing Daily Volume of Traffic Generated

Vehicle Type	Traffic Volume to Facility (vehicles per day, vpd)	Traffic Volume from Facility (vpd)
Trucks	N/A	N/A
Employee Vehicles	N/A	N/A
Visitors Vehicles	N/A	N/A
Other Vehicles	N/A	N/A
Summation of Daily Volume of Traffic to and from the Facility		
Total Daily Volume of Traffic	N/A	N/A

(a) Describe the source(s) of or method(s) used to obtain the existing daily volume of traffic generated by the facility:

(b) Location(s) of traffic counts (if applicable):

2. Complete Table 3 with estimated future daily volume of traffic generated by the facility.

Table 3: Estimated Future Daily Volume of Traffic Generated

Vehicle Type	Traffic Volume to Facility (vpd)	Traffic Volume from Facility (vpd)
Trucks	212	212
Employee Vehicles	24	24
Visitors Vehicles	20	20
Other Vehicles	20	20
Summation of Daily Volume of Traffic to and from the Facility		
Total Daily Volume of Traffic	276	276

3. Describe the method(s) used to obtain the estimated future daily volume of traffic generated by the facility, including dates, traffic growth rates, and sources of the growth rates: Estimated initial year traffic (2025) associated with initial waste.

4. Maps showing the facility boundary and roads within 1 mile of the facility that provide access to the site are attached herein. Yes ☒ No☐. If you checked "No" please explain:

VII. Availability and Adequacy of Roads

1. Complete Table 4 with information regarding the primary access roadways.

Table 4: Roadway Characteristics of the Primary Access Roadways

List the roads that the owner or operator will use as primary access to the site	Existing Annual Average Daily Traffic on Roadway (vpd)	Expected Annual Average Daily Traffic on Roadway (vpd)	Existing Roadway Capacity	Expected Roadway Capacity	Max Gross Weight Allowed (lbs)	Max/Min Posted Speed Limit (mph)	Min Vertical Clearance (ft)	Surface Type and No. of Lanes	Level of Service	Existing Traffic Generated by the Facility on Each Roadway	Expected Traffic Generated by the Facility on Each Roadway
FM 1725	3,095	5,332	17,500	17,500	80k	55	16	Asphalt 2 lanes	A	N/A	446
Fostoria Tram	487	886	11,000	11,000	80k	35	16	Asphalt 2 lanes	A	N/A	496
Site Access Driveway	N/A	551	N/A	11,000	80K	25	16	Asphalt 2 lanes	A	N/A	551

2. Complete Table 5 with information regarding other access roadways within one mile.

Table 5: Roadway Characteristics of Other Access Roadways within One Mile of the Facility Boundary

List other access roadways within 1 mile of the facility	Existing Annual Average Daily Traffic on Roadway	Expected Annual Average Daily Traffic on Roadway	Existing Roadway Capacity	Expected Roadway Capacity	Max Gross Weight Allowed (lbs)	Max/Min Posted Speed Limit (mph)	Min Vertical Clearance (ft)	Surface Type and No. of Lanes	Level of Service	Existing Traffic Generated by the Facility on Each Roadway	Expected Traffic Generated by the Facility on Each Roadway
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

3. Complete Table 6 with information regarding access roadway intersections within one mile.

Table 6: Roadway Intersection Characteristics

Please list major (signalized) roadway intersections for access roads within 1 mile of facility	Existing Capacity	Existing Level of Service
N/A	N/A	N/A

Please list major (signalized) roadway intersections for access roads within 1 mile of facility	Existing Capacity	Existing Level of Service
N/A	N/A	N/A
N/A	N/A	N/A

4. (For applicants that conducted traffic counts) Peak period traffic counts were conducted at critical intersections and roadways in the area: ☒ Yes ☐ No

   If "No" is checked, please explain:

VIII. Conclusions on the availability and adequacy of roads to be used for accessing the facility

Enter conclusions regarding the availability and adequacy of roads to be used for accessing the facility using information obtained from access roadway data; data on the volume of existing and expected vehicular traffic on the access roads within one mile of the facility; and the projection of the volume of traffic expected to be generated by the facility on the access roads:

The traffic characteristics of the proposed Peach Creek Environmental Park located in San Jacinto County, Texas relative to the projected impact of the facility and the ability of the access roadways to accommodate projected traffic volumes. Through a comparison of projected facility-generated traffic, non-site-related traffic and available roadway capacity within the study area, it has been determined that:

1. The estimated landfill trip generation will not create a significant impact on traffic congestion or delay in the study area.

2. Based on peak hour and daily traffic projections, the existing and proposed roadways and intersections serving the subject facility will be adequate for the traffic generated by the landfill, as well as the background traffic not associated with the proposed landfill, through the year 2050. No additional mitigation measures or improvements are required.

3. No auxiliary lanes (left turn/right turn, acceleration/deceleration) are warranted or required by the addition of the proposed landfill

4. The recommended sight distance at the intersection of the proposed landfill access driveway and Fostoria Tram Road will be achieved as part of the construction of the proposed access driveway.

IX. Highway Beautification

Enter facility distance from interstate or primary highways and screening information as required by 30 TAC 330.23(a).

1. Distance of Facility from Interstate or Primary Highway: 6 miles

2. Type of Facility Screening Provided, if applicable: Dense Forest

X. Analysis of the Impact of the Facility upon Airports

Enter the Part, Appendix, Attachment, Section, and Page Number of the application where analysis of the impact of the facility upon airports is provided: Parts I/II, Section 8.2; Parts I/II Appendix B

XI. Documentation of Coordination with the Federal Aviation Administration for Compliance with Airport Location Restrictions

1. Applicant has submitted written information to FAA describing the facility location, maximum height of waste units, type of waste accepted at the facility, and other facility-relevant data and information as required: ☒ Yes ☐ No

   (a) Enter Date of Coordination Letter to FAA: August 19, 2019

   (b) Enter Date of FAA Response: February 1, 2021

2. Indicate FAA Response and Final Action:

   ☒ FAA Acknowledged No Adverse Impact.

   ☐ FAA Recommended Safety Improvements. (*Complete Section XII if you check this item.*)

3. A copy of the Documentation of Coordination with FAA for compliance with airport location restrictions is attached herein. ☒Yes ☐No. If you checked "No" please explain:

XII. FAA Recommended Changes or Improvements for Airport Safety, (as applicable)

Enter FAA's recommended changes or improvements to the facility for airport safety or for compliance with airport location restrictions.

N/A

XIII. Attachments

- Maps showing the facility boundary and roads within 1 mile of the facility.

  Traffic Impact Analysis, Exhibit 10

- Documentation of coordination of all designs of proposed public roadway improvements associated with site entrances with the agency exercising maintenance responsibility of the public roadway involved; and the response letter received from the agency, as applicable. N/A

- Documentation of coordination with the Texas Department of Transportation (TxDOT) for traffic and location restrictions, including any traffic study report; and the response letter received from TxDOT. Letter to TxDOT dated February 16, 2024; TxDOT response not yet received

- Documentation of coordination with the Federal Aviation Administration for compliance with airport location restrictions; and the response letter received from FAA. August 19, 2019 correspondence to FAA; February 1, 2021 FAA response

- Other documents attached: San Jacinto County Commissioner February 14, 2024 letter to TCEQ with Exhibit 1 and Exhibit 2.

NEEL-SCHAFFER
Solutions you can build upon

engineers
planners
surveyors
environmental scientists
landscape architects

August 19, 2019
NS Project Number: 14841.000

Mr. Ben Guttery, Texas Airports Districts Office Manager
U.S. Department of Transportation
Federal Aviation Administration
10101 Hillwood Parkway
Fort Worth, Texas 76117 ***SENT VIA FEDEX***

RE: PROPOSED PEACH CREEK ENVIRONMENTAL PARK LANDFILL TCEQ PERMIT APPLICATION, SAN JACINTO COUNTY, TEXAS

Dear Mr. Guttery:

On behalf of PC-II, LLC, Neel-Schaffer, Inc. (NS) is currently preparing a permit application to be submitted to the Texas Commission on Environmental Quality (TCEQ) for a proposed Type I landfill to be located in San Jacinto County. The proposed landfill will be located in the southwest corner of San Jacinto County, approximately 7 miles northwest of the city of Cleveland. The facility entrance will be located approximately 5.5 miles northwest of the intersection of State Highway 105 and Farm-to-Market Road 1725 (FM 1725) at approximately 30° 23' 1.4" N latitude and 95° 11' 8.7" W longitude.

Our review of available records indicates that the nearest public-use airport (open to the public without prior permission and without restrictions within the physical capacities of available facilities) to the proposed site is the Cleveland Municipal Airport located approximately 10.5 miles to the East-Southeast.

By this letter, NS is requesting information regarding any public-use airports (open to the public without prior permission and without restrictions within the physical capacities of available facilities) located within six (6) miles of the proposed site, per 30 TAC §330.61(c)(8) of the TCEQ regulations, including whether any runway at such airport is used by turbojet aircraft.

We have included Drawing C0.01 - Site Location Map and Drawing C0.02 - General Topographic Map, which illustrate the proposed site location and boundaries.

If you have any questions or need additional information, please contact David Ruhl at (601) 948- 3071.

Sincerely,
NEEL-SCHAFFER, INC.

David M. Ruhl, P.E., PG, BCES
Senior Project Manager

Attachments: Drawings C0.01 and C0.02

c: Mr. Wirt A. Yerger, III, PC-II, LLC
Mr. Jeff Hobby, PC-II, LLC Project Manager

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2021-ASW-818-OE

Issued Date: 02/01/2021

Jeffery Hobby, Project Manager
PC-II, LLC
300 Concourse Blvd., Suite 101
Ridgeland, MS 39157

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Landfill Phase I - Peach Creek Environmental Park
Location:	Cleveland, TX
Latitude:	30-23-22.27N NAD 83
Longitude:	95-11-21.66W
Heights:	206 feet site elevation (SE)
	210 feet above ground level (AGL)
	416 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 M, Obstruction Marking and Lighting, red lights-Chapters 4,5(Red),&15.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

This determination expires on 08/01/2022 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (817) 222-5933, or andrew.hollie@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2021-ASW-818-OE.

Signature Control No: 464805525-467167795 (DNE)
Andrew Hollie
Specialist

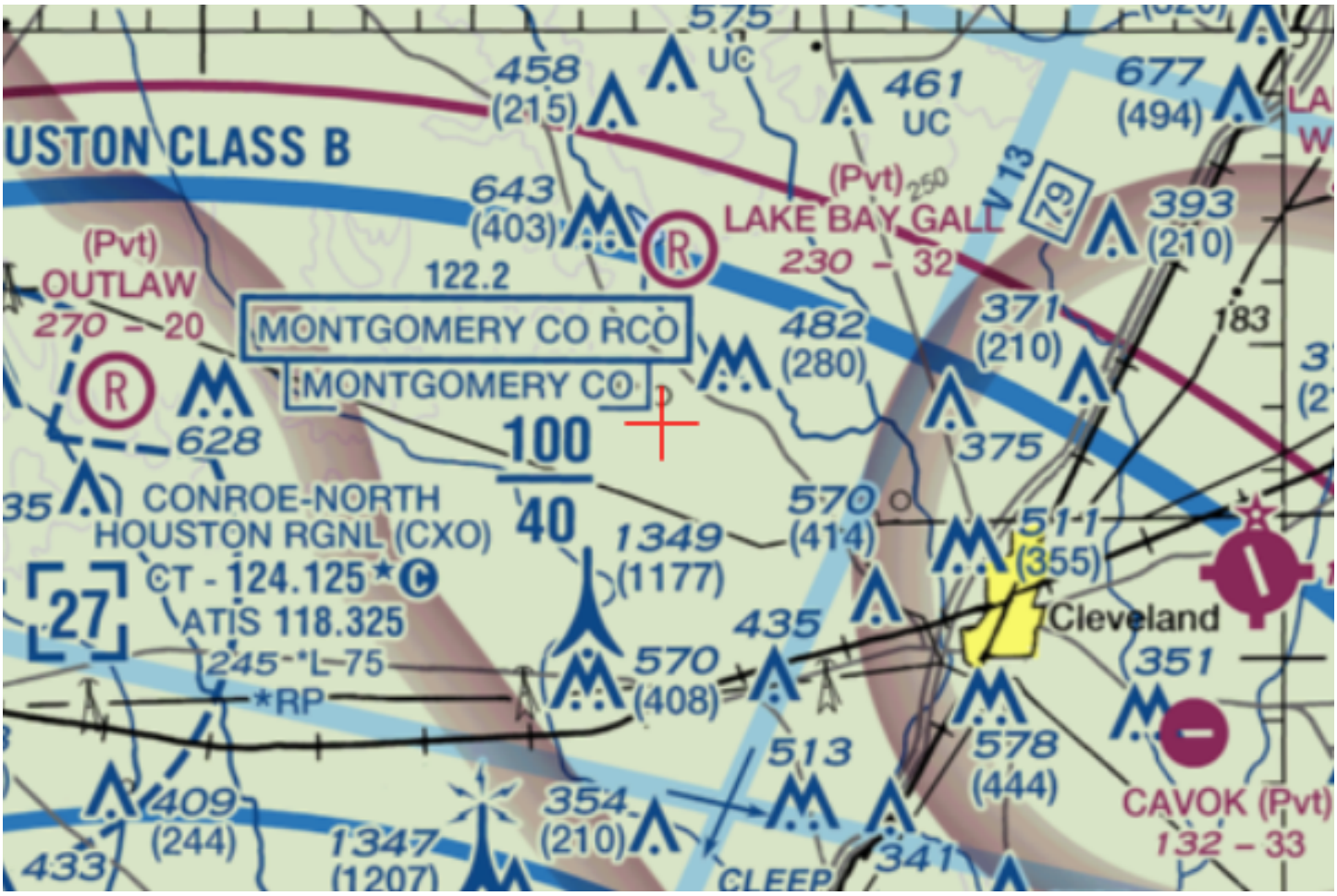
Attachment(s)
Case Description
Map(s)

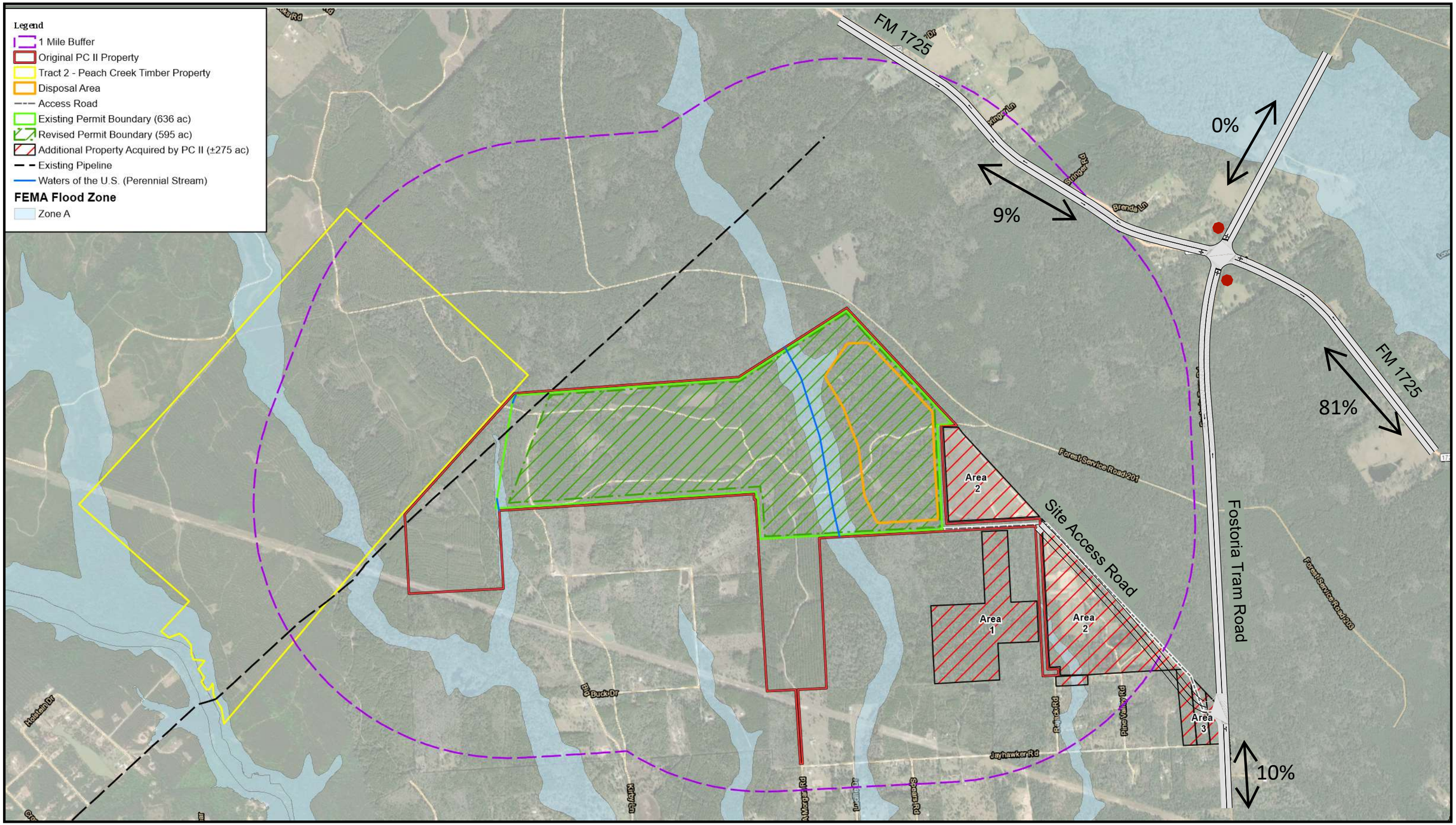
Case Description for ASN 2021-ASW-818-OE

Construct a new Type I Municipal Solid Waste Landfill in San Jacinto County, Texas.

TOPO Map for ASN 2021-ASW-818-OE

Sectional Map for ASN 2021-ASW-818-OE





**Roadway alignments shown are for illustrative purposes only.*

EXHIBIT 10

Site Traffic Directional Distribution

Peach Creek Environmental Park
PC-II, LLC

February 16, 2024

Ms. Kelly O Morris, P.E., District Engineer
Lufkin District, Texas Department of Transportation
1805 N. Timberland Drive
Lufkin, TX 75901

RE: Peach Creek Environmental Park
Municipal Solid Waste (MSW) Type 1 Landfill
San Jacinto County, Texas

Dear Ms. Morris:

PC-II LLC is preparing to submit revisions to its pending Texas Commission on Environment Quality (TCEQ) application for a permit for a proposed Type 1 municipal solid waste landfill to be located approximately seven miles northwest of the intersection of US 59 and SH 105 in southwestern San Jacinto County. The facility site access driveway has been relocated to the west side of Fostoria Tram Road (a San Jacinto County roadway), approximately 1.8 miles south of the intersection of Fostoria Tram Road and Farm to Market 1725. A copy of the January 25, 2024 Traffic Impact Analysis and Access Roadway Network Assessment for the project is enclosed.

Pursuant to TCEQ's rules at 30 TAC 330.61(i)(4), this submittal is to document coordination with TxDOT for traffic and location restrictions. Should you have any questions, you may contact me at 713.703.6199 or jhobby@terrawaste.com

Sincerely

B Jeffery Hobby
Project Manager
PC-II, LLC

CC: Mr. Wirt A Yerger, III, PC-II LLC
Mr. Brent W Ryan, McElroy, Sullivan, Miller & Weber, LLP

David S. Brandon,CFM
Commissioner
Precinct 3
San Jacinto County

31 Lilly Yeager Loop N
Cleveland, Texas 77327
Phone: 281-592-1109

February 14, 2024

TCEQ
Municipal Solid Waste Permits Section
P. O. Box 13087
Austin, Texas 78711-3087
Attention : Mr. Frank Zeng MC-124

Subject: Proposed Peach Creek Environmental Park – San Jacinto County Municipal Solid Waste - Permit Application No. 2406; RN110843042/CN605694611

Dear Mr. Zeng:

I am writing to provide additional information to my letter to you dated January 12, 2024.

At our December 13, 2023 meeting, the San Jacinto County Commissioners Court approved PC-II's plans for connection of the Peach Creek Environmental Park Landfill private site access road to Fostoria Tram Road, as shown on the attached Exhibit 1. In addition, as part of the development of the landfill, PC-II has agreed to improve Fostoria Tram Road as shown on the attached Exhibit 2. Those improvements were approved by the Commissioners Court at our October 4, 2023 meeting, subject to TCEQ approval of PC-II's permit application.

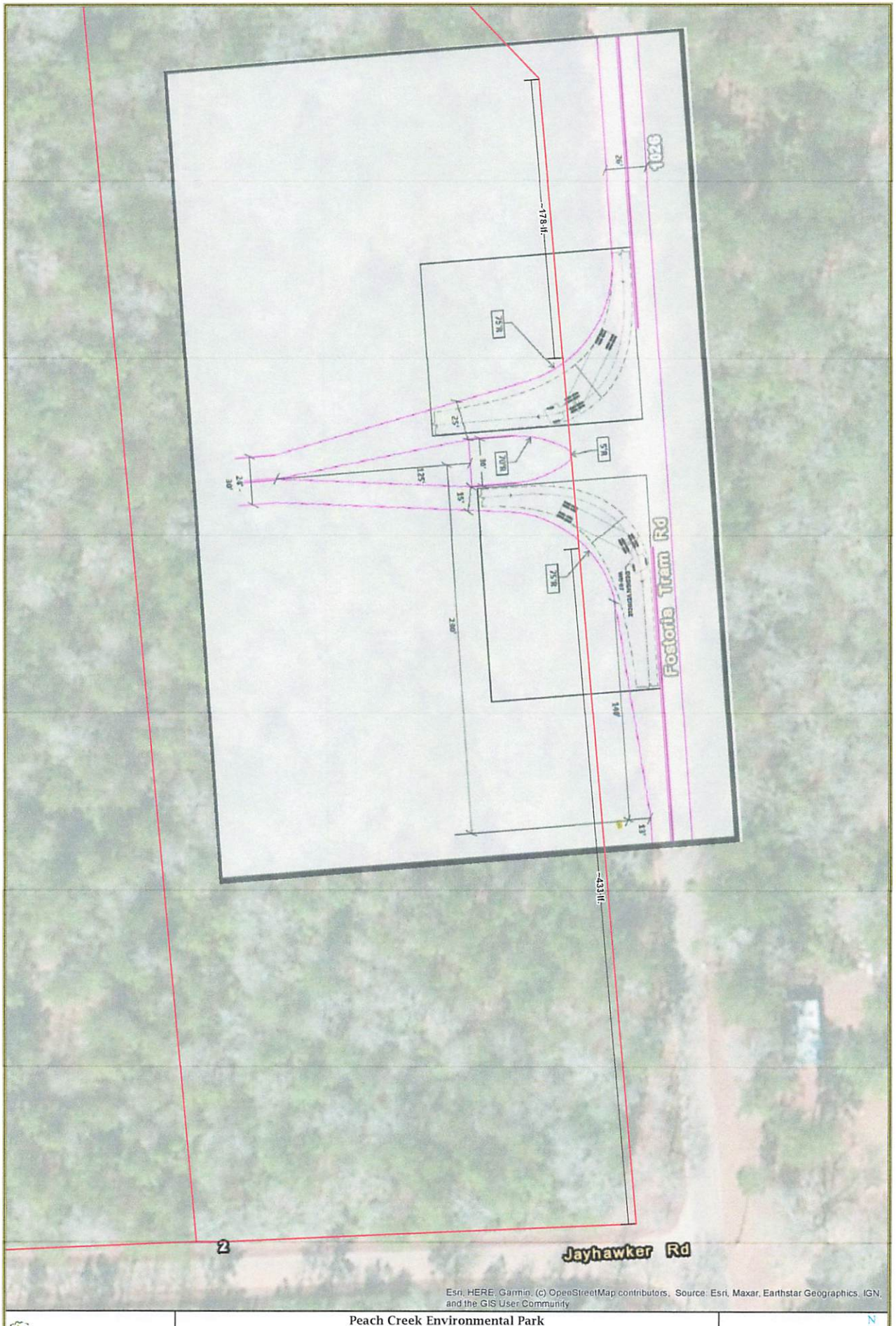
The improvements to Fostoria Tram and the to-be-constructed private site access road will resolve the concerns set out in my letter to the TCEQ dated January 25, 2021.

I hereby withdraw my prior comments in reference to this project since it will not be utilizing the Subdivision Road for ingress or egress.

Respectfully,

David Brandon, CFM
Commissioner Pct. 3
San Jacinto County, Texas
936-520-9221

cc: Texas Commission on Environmental Quality
Office of the Chief Clerk, MC-105
P.O. Box 13087
Austin, Texas 78711-3087



HEADWATERS INC.
NATURAL RESOURCES CONSULTING
WWW.HEADWATERS-INC.COM

Date Created: 12/8/2023 | Created by: JDL

Peach Creek Environmental Park

Exhibit 1

San Jacinto County, Texas

0 30 60 Feet
1:650

N

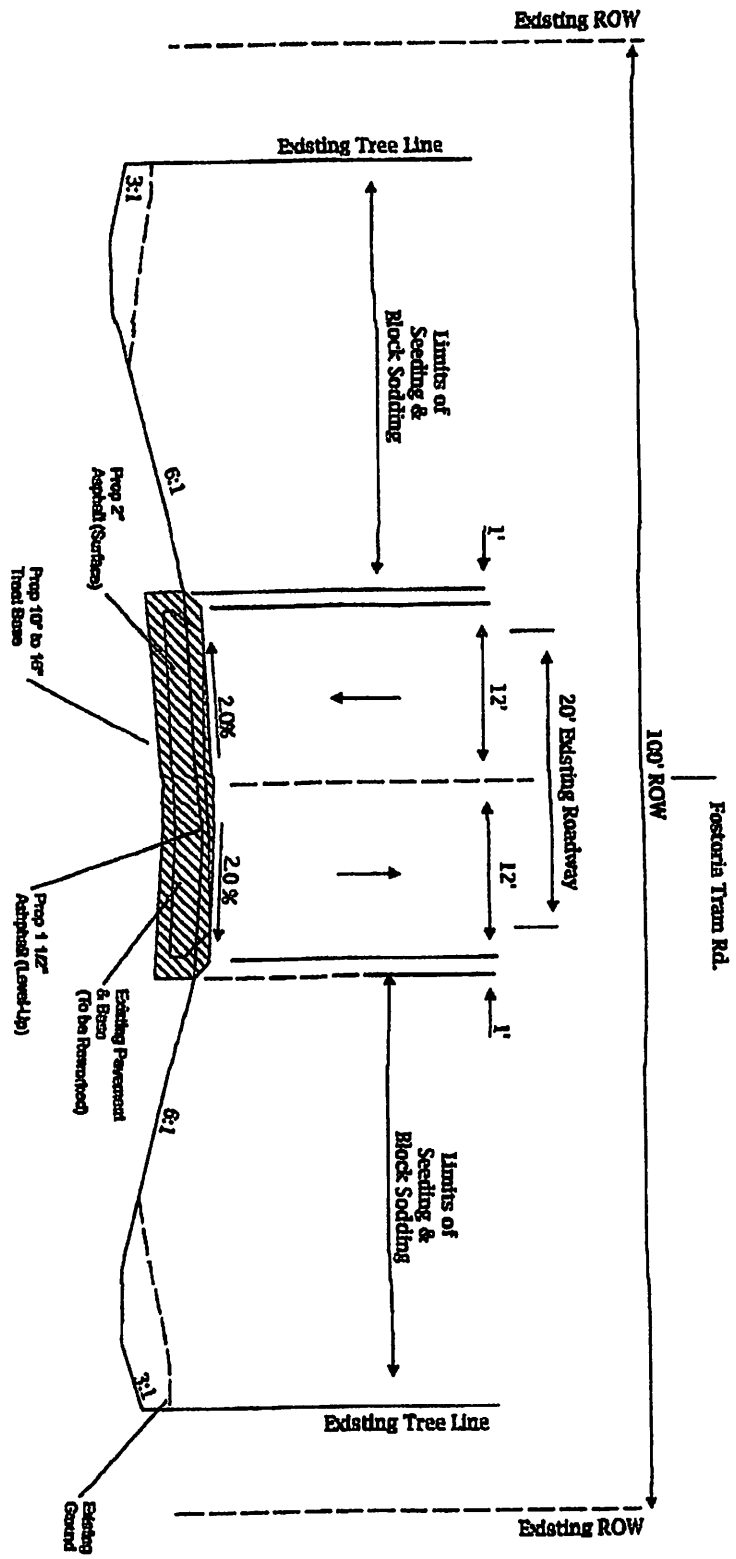
NAD 1983 StatePlane Texas Central FIPS 4203 Feet

S:\PROJECT FILES\Hobby, Jeff\Mont San Jac Parcel\Mapping\11x17 - PORTRAIT-Mississippi.mxd

EXHIBIT 2

Not To Scale

EXHIBIT "A"
BASE CONSTRUCTION STANDARDS



PROPOSED TYPICAL SECTION
FOSTORIA
TRAM ROAD
FROM MONTGOMERY COUNTY
LINE NORTH TO RM 1775