

STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION Division of Solid Waste Management Davy Crockett Tower-7th Floor 500 James Robertson Parkway Nashville, Tennessee 37243

April 25, 2024

The Honorable Jefferey H. Griggs Mayor, City of Lexington P.O. Box 1699 Lexington, TN 38351

Re: Permit-By-Rule Approval – Conversion of a Transfer Station Facility (TRF390001570) to a Solid Waste Processing Facility, City of Lexington Transfer Station – SWP390001605

Dear Mayor Griggs:

As required by Rule 0400-11-01-.02(6)(b)1 of the Solid Waste Processing and Disposal Regulations, the Tennessee Department of Environment and Conservation (TDEC), Division of Solid Waste Management (DSWM) has reviewed your amended notification to the Permit-By-Rule (PBR) for the City of Lexington Transfer Station (TRF390001570) received on November 28, 2023. The request consists of converting the existing City of Lexington Transfer Station into a PBR solid waste processing facility. This facility will serve as a transfer station that may also shred construction/demolition material and tires. No waste will be stored on site except for waste in roll-off containers or transfer trailers that are waiting to be delivered for disposal. This location is serving as the tire drop off location for Henderson County per T.C.A 68-211-866.

Therefore, this letter will serve as official notification from the Tennessee Department of Environment and Conservation (TDEC), Division of Solid Waste Management (DSWM) for two purposes: (1) termination of your PBR Transfer Station for the above-referenced facility (TRF390001570) and (2) issuance of your PBR for a Solid Waste Processing Facility located in Henderson County at 240 North Industrial Drive, Lexington, Tennessee 38351 (latitude 35.689255/longitude -88.380237). DSWM is notifying you of the results of this review in accordance with Rule 0400-11-01-.02(6)(b)2(ii). DSWM approves the amended notification request to convert the existing transfer station into a solid waste processing facility. Though the facility will be permitted as a solid waste processing facility, the name of the facility will remain City of Lexington Transfer Station. The registration number for the PBR solid waste processing facility is now SWP390001605.

With the issuance of this permit, there is an annual maintenance fee required [pursuant to Tennessee Rule 0400-11-01-.07(3)] for this processing facility. The annual fee is \$3,000.00. You will receive an annual maintenance fee invoice in August 2024 from TDEC Division of Fiscal Services that will indicate City of Lexington owes \$3,000.00.

Per Rule 0400-11-01-.02(2)(b)1(i)(XVIII) solid waste processing facilities must file a financial instrument with the State of Tennessee in an amount sufficient to ensure the proper closure of the facility. Based on review of your PBR application, financial assurance is not required at this time. Please note that if any of the conditions as submitted with your notification change an updated notification must be submitted to the DSWM and financial assurance may be required.

If you have any questions, feel free to contact Brianna Rives by email at Brianna.Rives@tn.gov or call 615-308-0104.

Sincerely,

N.O

Lisa A. Hughey, CHMM Director

cc: Christy Waugh, Assistance Director, City of Lexington Public Works Rob Ashe, Deputy Director of Field Operations, DSWM Clifton Jeter, Manager, Jackson Environmental Field Office, DSWM Amy Katcher, Manager, Materials Management Program, DSWM <u>Records.SWM@tn.gov</u>

STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIOND DIVISION OF SOLID WASTE MANAGEMENT
WILLIAM R. SNODGRASS TENNESSEE TOWER
312 ROSA L. PARKS AVENUE, 14TH FLOORNOV 2 2023
NASHVILLE, IN 37243
SOLID WASTE PERMIT-BY-RULE NOTIFICATION IId Waste ON NO NEW TRANSFER
2. TYPE OF PERMIT- BY- RULE REQUESTED
COMPOST FACILITY CLAND APPLICATION TIRE STORAGE FACILITY NEW FACILITY IS THIS FACILITY YES
CONVENIENCE CENTER PROCESSING FACILITY TRANSFER STATION
5. FACILITY INFORMATION FACILITY LOCATION COUNTY FULL LEGAL NAME OF FACILITY Henderson
Physical Location of ADDress of Fransfer Station
LONGITUDE (DECIMAL DEGREES)
240 North Industrial Drive Lexington The 20251
FACILITY MAILING ADDRESS CITY STATE ZIP FACILITY EMAIL
P. O. Box 1699 Lexington, TN 38351
FACILITY MANAGER OR SITE OPERATOR PHONE (WITH AREA CODE) AFFILIATION OF SITE OPERATOR (IF DIFFERENT FROM PERMITTEE)
Kacy Kyle (731) 968-7091
4. APPLICANT (PERMITTEE)
APPLICANT NAME PHONE (WITH AREA CODE) EMAIL
P. O. Box 1699 Lexington, TN 38351
LANDOWNER NAME LANDOWNER MAILING ADDRESS CITY STATE ZIP
City of Lexington, TN PO Box 1699 Lexington, TN 38351
At
11-6-2023
ANDOWNER SIGNATURE LANDOWNER SIGNATURE LANDOWNER SIGNATURE DATE
5. WASTE HANDLING
DESCRIPTION OF ACTIVITIES AND WASTES HANDLED OR PROCESSED AMOUNT OF WASTE HANDLED, PROCESSED OR STORED TRANSFER OF ALL CLASS I material,
single stream, glass and clean 44
brush as well as the shreading and WEIGHT VOLUME STORAGE MAX
processing of const debris and tires TONS/DAY YARDS/DAY CU YARDS 6. CERTIFICATION REQUIRED
I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted
Innormation is to the pest of my knowledge and peller, the accurate and complete I am aware that there are significant negative few submitted
false information, including the possibility of fine and impliconment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury
declaration is made under penalty of perjury
Jeffrey H. Griggs
SIGNATURE OF RESPONSIBLE ØFFICIAL PRINTED NAME
State 0 Mayor 11/06/2023
OF TITLE DATE
TENNESSEE
PUBLIC - 11/11/1 1 5/23/2027
SIGNATURE OF NOTARY
(NOTARY STAD)



Mobile shredder is stored inside the transfer station on pad and occasionally off to the side to assist with traffic flow when needed.

While shredding tires and C&D, the shredder is placed in the dotted lined area so the shredded material can be deposited on pad.

Approximate location of the leachate collection tank.



Permits by Rule Criteria: Solid Waste Processors

Please provide a narrative response to how the proposed Solid Waste Processing facility will comply with each of the below regulatory criteria:

Rule 0400-11-01-01-.02(2)(a)4.

New solid waste processing facilities, tire storage facilities, and transfer stations must not be located in wetlands, unless the owner or operator makes the applicable demonstrations to the Commissioner as referenced at subparagraph (2)(p) of Rule 0400-11-01-.04.

The Solid Waste Facility is not located in a wetland. See attached FEMA FIRM

Rule 0400-11-01-01-.02(2)(a)5

Solid waste processing facilities, tire storage facilities, and transfer stations must not be located in a 100-year floodplain unless it is demonstrated to the satisfaction of the Commissioner that:

(i) Location in the floodplain will not restrict the flow of the 100-year flood nor reduce the temporary water storage capacity of the floodplain; and

The facility is not located in a flood plain.

(ii) The facility is designed, constructed, operated, and maintained to prevent washout of any solid waste.

The facility is designed in such a way as there can be no washout of solid waste.

Rule 0400-11-01-01-.02(2)(a)6

Solid waste processing facilities, tire storage facilities, and transfer stations must not:

- (i) Cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife; or
- (ii) Result in the destruction or adverse modification of the critical habitat of endangered or threatened species.

The facility does not contribute to the taking or endangering threatened plants, fishes, or wildlife.

Rule 0400-11-01-01-.02(2)(a)7&8

An owner or operator proposing a new solid waste processing facility or a transfer station that handles putrescible wastes located within 10,000 feet (3,048 meters) of any airport runway end used by turbojet aircraft or within 5,000 feet (1,524 meters) of any airport runway end used only by piston-type aircraft must demonstrate to the satisfaction of the Commissioner that the facility does not pose a bird hazard to aircraft.

An owner or operator proposing a new solid waste processing facility or a transfer station that handles putrescible wastes located within a five-mile radius of any airport runway end used by turbojet or piston-type aircraft must notify the affected airport and the appropriate Federal Aviation Administration (FAA) office.

The facility's closest airport is Beech River Regional Airport (PVE) and is approximately 16.6 miles by vehicle and 10.43 miles from point to point.

Rule 0400-11-01-01-.02(2)(b)

(i): The operator complies with the notification requirement of subparagraph (b) of this paragraph; Except as specified in subpart (iv) of this part, an owner or operator of a [solid waste processor] facility shall:

- (I) Construct, operate, maintain, and close the facility in such a manner as to minimize:
 - I. The propagation, harborage, or attraction of flies, rodents, or other disease vectors
 - II. The potential for explosions or uncontrolled fires;
 - III. The potential for releases of solid wastes or solid waste constituents to the environment except in a manner authorized by state and local air pollution control, water pollution control, and/or waste management agencies
 - IV. The potential for harm to the public through unauthorized or uncontrolled access;

The Facility will be operated in accordance with (IAW) TDEC Rules and will not promote vectors. There should be little to no potential for explosion due to the nature of the waste. Fire Control and suppression equipment will be on-site at all times during operation at the following locations: One 20 lb ABC extinguisher at the Scale House, and two 20 lb ABC extinguishers at the Transfer Station. If for some reason a load comes into the facility and labeled as "hot", it will be isolated on the south side of the facility near a fire plug. The Lexington Fire Department will be notified from the facility; No waste will be left outside of the container after operating hours. Personnel will be on-site to manage and contain waste during operating hours. The facility has lockable gates and is not accessible by the public during non-operating hours.

(II) Ensure that the facility has an artificial or natural barrier which completely surrounds the facility and a means to control entry, at all times, through the gate or other entrances to the facility

The perimeter of the facility is surrounded by fencing.

(III) Ensure that the facility, if open to the public, has clearly visible and legible signs at the points of public access which indicate the hours of operation, the general types of waste materials that either will or will not be accepted, emergency telephone numbers, schedule of charges (if applicable), and other necessary information:

The Facility has all appropriate signage in place as required by TDEC Division of Solid Waste Management

(IV) Ensure that the facility has trained personnel present during operating hours;

The hours of operation are posted and trained personnel are onsite during all hours of operation.

 Ensure that the facility has adequate sanitary facilities, potable water, emergency communications (e.g., telephone), and shelter available for personnel;

The facility has sanitary facilities for all personnel and the public, there is emergency communication in the form of two cellphones (city provided) and there is shelter on site to protect personnel of adverse weather.

(VII) Restrict all waste handling (including loading and unloading) at the facility to paved surfaces;

All the roads and parking areas that are used by the public will be paved and hard surfaced.

(VIII) Restrict the storage of solid wastes at the facility to containers, bins, lined pits or on paved surfaces, designated for such storage;

There is no waste that is stored on site except for waste in roll-off containers or transfer trailers that are waiting for disposal. This location is serving as the drop off location for Henderson County tire disposal the tires are brought in by individuals and or commercial tire businesses. Tires are processed as they come in through the industrial shredder. In the event that a tire can not be shred upon their arrival they will be stored in a 53' enclosed storage trailer until time of processing. After the tires are shred, they are loaded in to our disposal trailer with our other trash and transported to the landfill.

(IX) Not burn solid wastes at the facility;

There is no burning at this facility: however, there will be a location on the property that will be utilized for clean brush burning (see attached drawing for area)

(X) Prohibit scavenging of solid wastes at the facility and limit any salvaging to safe, designated areas and times;

There is no scavenging allowed at the facility: however, City personnel will be conducting salvaging of white goods and metals. These items will be placed into separate bins for recycling.

(XI) Ensure that wind dispersal of solid wastes at or from the facility is adequately controlled, and that windblown litter and other loose, unconfined solid wastes are collected daily and properly disposed; There are catch fences in place to help control windblown litter. Additionally, there is a litter pick up crew onsite who help control windblow litter.

- (XII) Ensure that all liquids which either drain from solid wastes or are created by washdown of equipment at the facility are collected and directed to either:
 - I. A wastewater treatment facility permitted to receive such wastewaters under T.C.A. §§ 69-3-101 et seq. (Tennessee Water Quality Control Act), or
 - II. Other methods approved by the Commissioner.

All liquids will be collected or absorbed with pads to prohibit runoff to stormwater. The upper pad will be pressure washed toward the pit area where it will drain into a single collection system for proper handling. The liquid will be collected into a 1,000-gallon tank. The tank will be checked weekly by the operator to ensure that adequate collection is achieved. The liquids will be pumped by the City of Lexington Wastewater Division and taken to the wastewater treatment facility located at 677 South Main Street for disposal.

- (XIII) Ensure that special wastes are not received, unless:
 - I. Such receipt has been specifically approved in writing by the Commissioner, and
 - II. Special procedures and/or equipment are utilized to adequately confine and segregate the special wastes;

This facility does not accept special waste at this time. If special wastes are accepted in the future, it will be with the approval of the commissioner.

(XIV) Have alternative arrangements (e.g., contracts with other facilities) for the proper processing or disposal of the solid wastes authorized to be managed at the facility in the event the facility cannot operate;

This facility acts as a transfer station in addition it is capable of shredding waste tires and C &D material. All waste is transported offsite for disposal. In the event that the facility is the temporarily unavailable, the city trucks will transport the waste to a Class 1 Landfill belonging to the contractor. All waste tires will be transferred back to Henderson County Solid Waste for management and will not be stored on site.

(XV) Properly maintain and locate fire suppression equipment (e.g., fire extinguishers, water hoses) and make the equipment continuously available in sufficient quantities to control accidental fires that may occur

The facility will have sufficient fire suppression equipment for each piece of equipment onsite and any additional equipment as required by local codes. Fire extinguishers (Class ABC) will be located at the transfer station, scale house, and on the loader.

(XVI) Manage all wastes residues resulting from processing activities at the facility in accordance with this chapter or Chapter 0400-12-01 (Hazardous Waste Management, whichever is applicable, and/or with any other applicable state or federal regulations governing waste management

The operators of the facility will manage all wastes residues resulting from processing activities at the facility in accordance with the Chapter 0400-12-01(Hazardous Waste Management, whichever is applicable, and/or with any other applicable state or federal regulations governing waste management.

(XVII) Install the processing equipment on-site and ensure it is ready for use before accepting solid waste for storage or processing

The owner/operator of the facility will install the processing equipment on-site and ensure that it is ready for use before accepting solid waste for processing.

(XVIII) Prior to receiving solid waste for processing, or within 90 days of the effective date of these rules, if authorized and operating on the effective date of these rules;

- I. File with the Commissioner a performance bond or equivalent cash or securities, payable to the State of Tennessee in an amount determined by the Commissioner to be sufficient to ensure the proper operation, closure, and post closure care of the facility;
- II. Submit financial assurance instruments that are specified in subparagraph (3)(d) of Rule 0400-11-01-.03; and
- III. Ensure that the financial assurance meets the criteria set forth in T.C.A. 68-211-116(a) and complies with subparagraph (3)(b) of Rule 0400-11-01-.03.

The tires are being processed and sent for disposal as they arrive. If for any reason tires cannot be processed immediately, they will be contained to a 53" trailer. If tires do begin to accumulate the city will notify TDEC

(XIX) Maintain records documenting the amounts of the different types of solid waste at the facility, including, but not limited to, the amounts stored to be processed, in process, and that have completed processing, in order to determine processing completion within one year;

The City of Lexington will maintain a record of how many tires are being shred and disposed of at this facility.

The owner/operator of a solid waste processing facility which has a solid waste storage capacity of 1000 cubic yards or greater shall file with the Commissioner a performance bond or equivalent cash or securities, payable to the State of Tennessee. Such financial assurance is intended to ensure that adequate financial resources are available to the Commissioner to insure the proper operation, and post closure care of the facility. The types of financial assurance instruments that are acceptable are those specified in 1200-01-07.03(3)(d). Such financial assurance shall meet the criteria set forth in T,C.A. 68-211-116(a) and at rule 1200-01-07-.03(3)(b).

- (ii) When closing the facility, the owner or operator of a processing facility shall:
 - (I) Remove all solid wastes and solid waste residues for proper disposal; and

In the event of closing, all waste will be removed and properly disposed of in accordance to all laws and regulations.

(II) Notify the Commissioner in writing of the completion of closure of the facility and include a certification that the facility has been closed by removal of all solid waste and residues

In the event of a closure, the Commissioner will be notified in writing with the assurance of all waste being removed and disposed of properly.

Permit No SWP (For SWM office use only.)

PERMIT-BY-RULE PROCESSING FACILITY FINANCIAL ASSURANCE WORKSHEET

FACILITY NAME: City of Lexington Transfer Station

1. The maximum storage capacity for solid waste in cubic yards: Attach a sketch and/or calculation to support this number.

> yd^3 -0-

- The cost of transporting to a disposal site (The cost per yd^3 times the amount shown above.): 2.
- The cost (tipping fee, surcharges, etc.) to dispose of this volume of waste: 3.
- Contingency fee of 5% 4.
- 5. Items 2+3+4= Total cost.

Total Amount Due

-0-Signed

To the best of my knowledge, the above information is correct and complete.

\$

Return to: TN Department of Environment and Conservation Division of Solid Waste Management ATTN: Permits Administration William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 14th Floor Nashville, TN 37243

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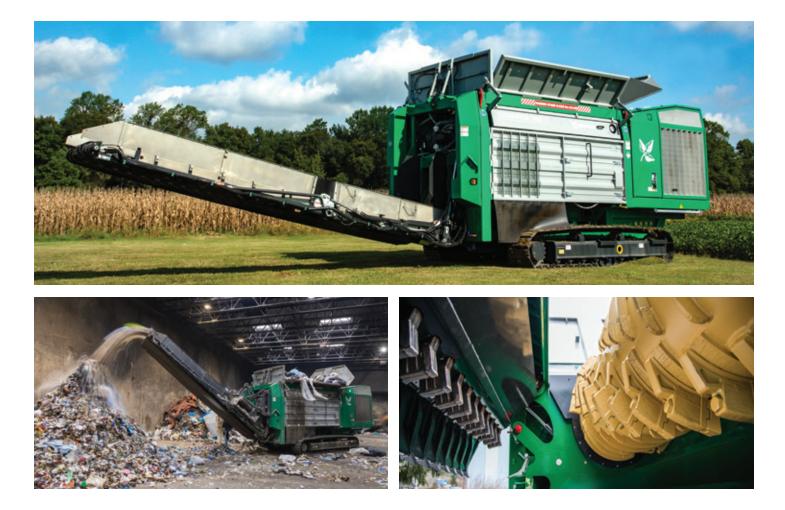
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TERMINATOR

Low-Speed, Single-Shaft Waste Shredder

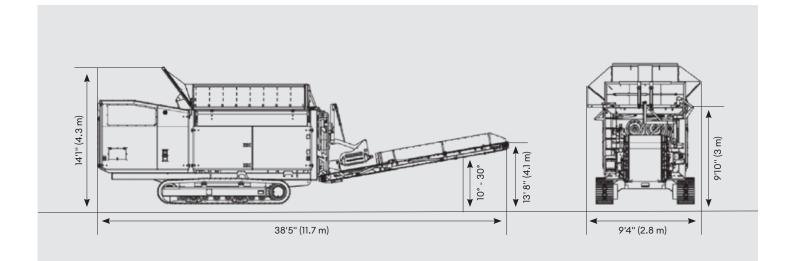


The Terminator is a low-speed, high-torque, single-shaft industrial shredder designed to process nearly all difficult waste types, including heavy C&D debris, bulky waste, white goods, mattresses, tires and municipal solid waste (MSW). Achieve a variety of output particle sizes with the adjustable cutting gap and counter comb. Easily swap shredding units to configure from coarse pre-shredding to defined shredding.

- Remote-controlled hopper with 11-foot feed opening
- > Hydraulic drum drive with overload protection and reversing function features
- Robust teeth in a spiral arrangement for maximum tearing while keeping shredding even

Product Overview





TERMINATOR Technical Specifications

Machine Model	3400 S	6000 S	
Power			
Diesel Engine / Horsepower:	CAT® C9 Tier 4 Final / 330 HP	CAT [®] C18 Tier 4 Final / 600 HP	
Proportion (dependent on equipment)			
Transport Dimensions:	22'9" x 9'4" x 11'4" (6.9 x 2.8 x 3.4 m)		
Working Dimensions:	38'5" x 9'4" x 14'1" (11.7 x 2.8 x 4.3 m)		
Weight:	~57,000 lbs	~60,000 lbs	
Performance (dependent on material)			
Maximum Throughput:	up to 55 tons/hr	up to 110 tons/hr	

Komptech Americas, LLC 6345 Downing Street, Denver, CO 80216

[t] +1 720.890.9090

[e] info@komptechamericas.com

We reserve the right to make technical changes due to ongoing development. USA2022-12

Scan this code to learn more about the TERMINATOR and watch it in action!

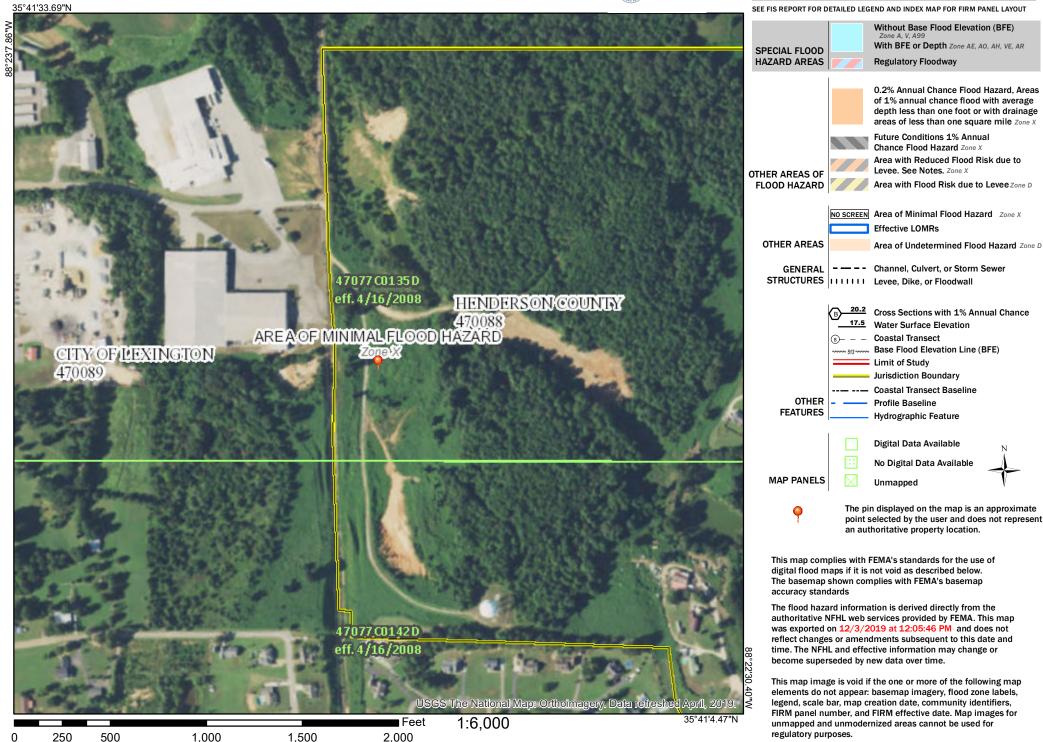


Product Overview

National Flood Hazard Layer FIRMette



Legend



NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 'Flood Protection Measures' of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was TENNESSEE STATE PLANE, FIPSZONE 4100. The **horizontal datum** was the North American Datum of 1983 (NAD 83), GRS1980 Spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services

(301) 713-3242

NOAA, N/NGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland, 20910-3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at http://www.ngs.noaa.gov/.

Base map, information shown on this FIRM is derived from multiple sources. Base map files were provided in digital format by the State of Tennessee. Additional hydrographic information was provided in digital format by the National Hydrography Dataset.

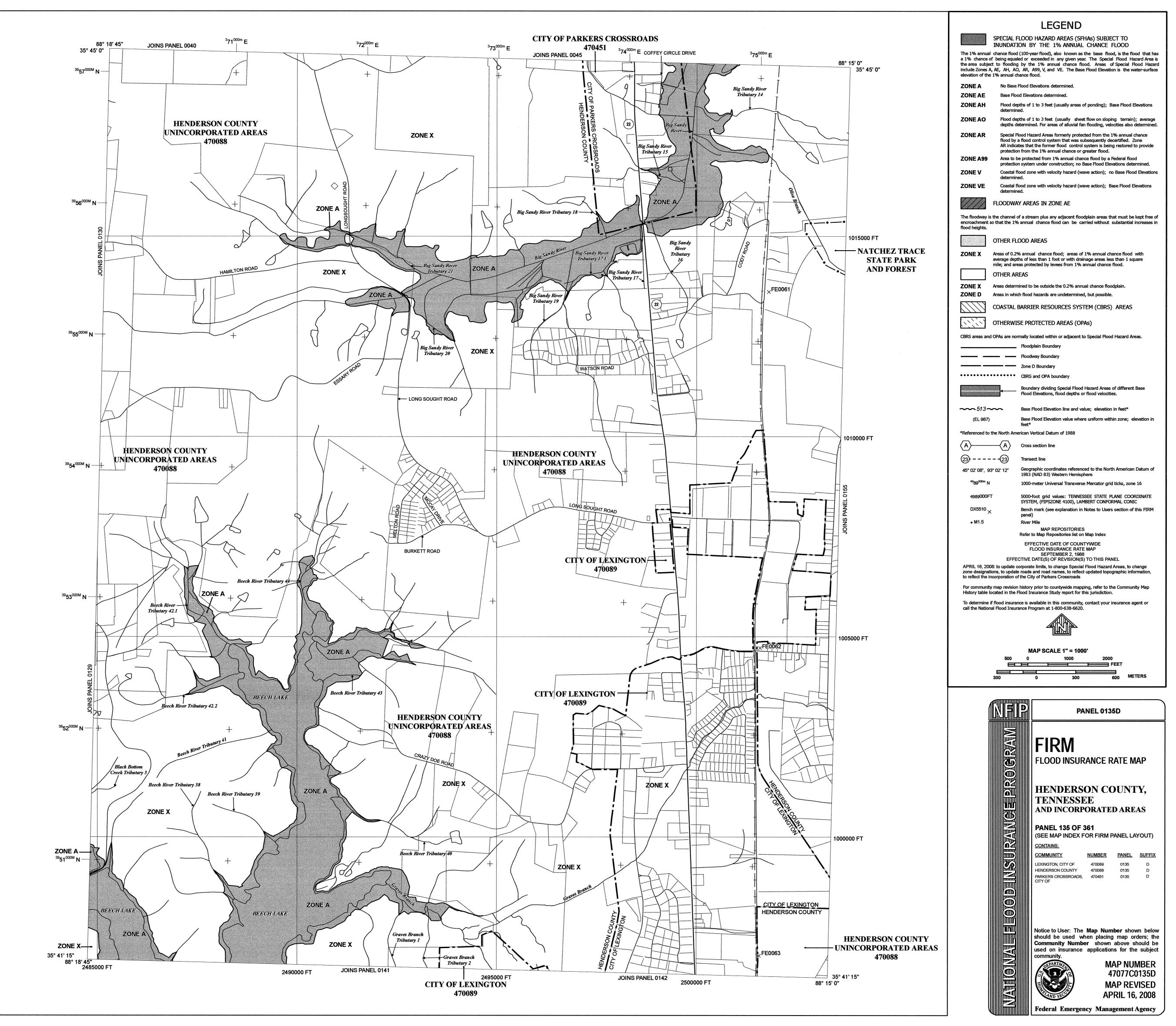
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables ["for (stream names)" "in the Flood Insurance Study report (which contains authoritative hydraulic data)"] may reflect stream channel distances that differ from what is shown on this map.

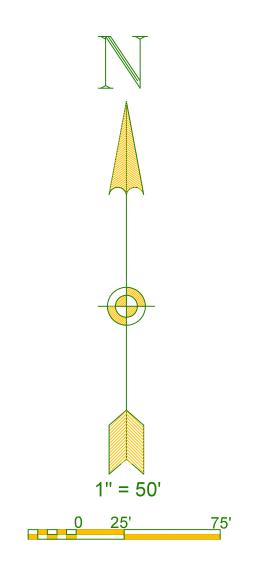
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

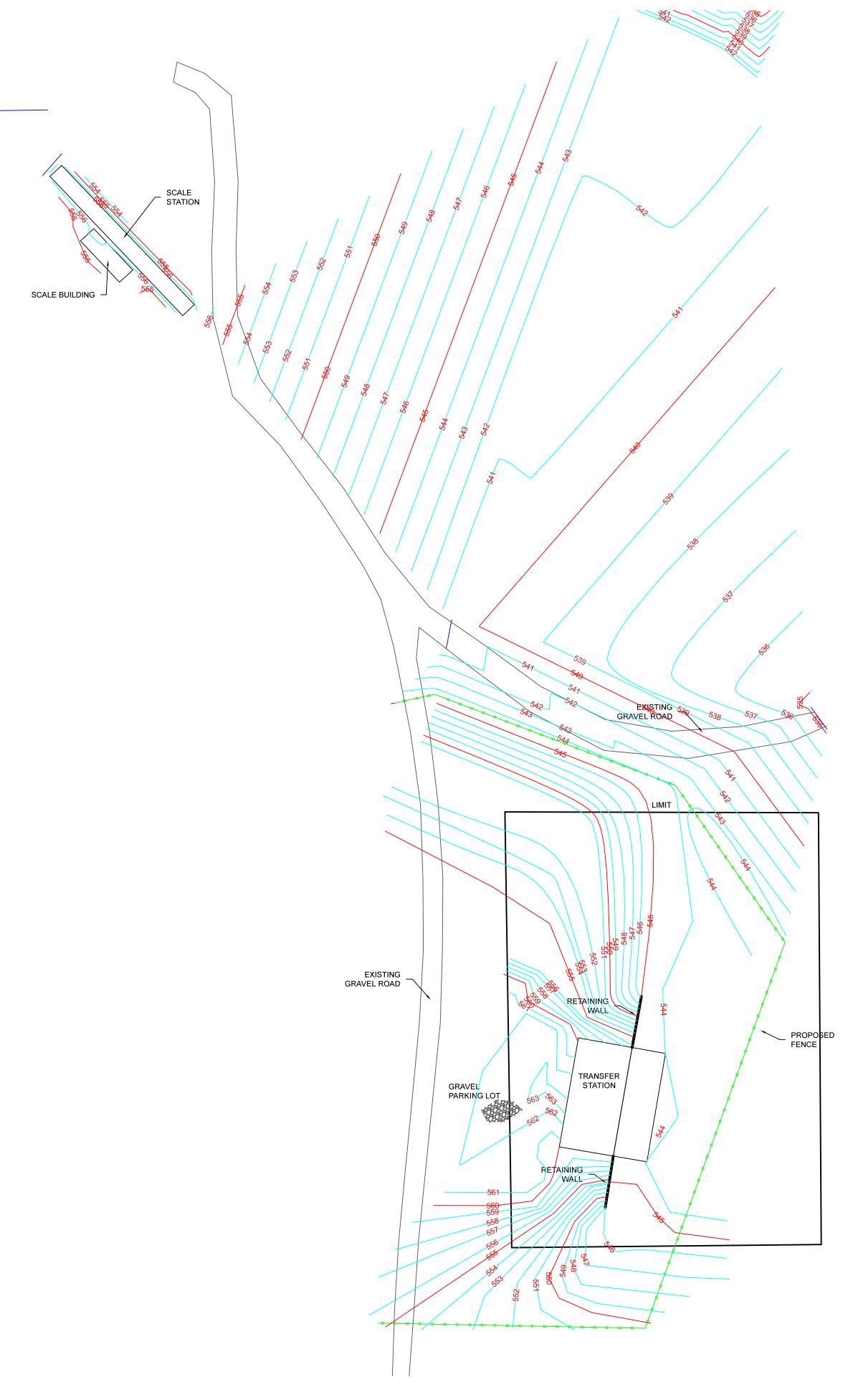
Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

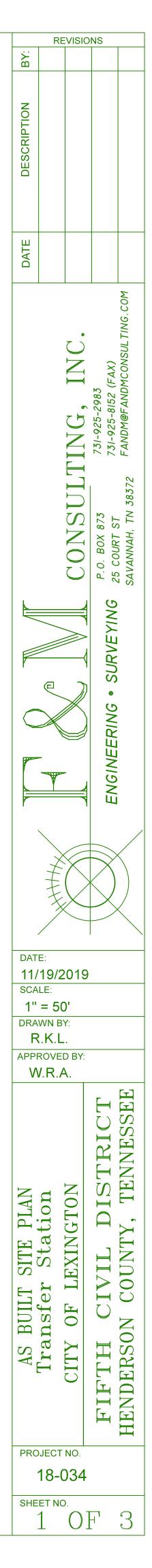
Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a *Flood Insurance Study report*, and /or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://www.msc.fema.gov/.

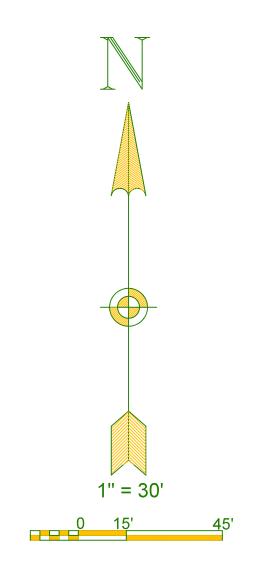
If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/.











EXISTING GRAVEL ROAD

