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## GRANT APPLICATION SUMMARY SHEET

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**Grant Name:** HMGP 5159 - Crouch Drive Acquisition & Demolition Project  
18-21

**Department:** WATER & SEWER

**Grantor:** U.S. DEPARTMENT OF HOMELAND SECURITY

**Pass-Through Grantor  
(If applicable):** TENN. EMERG. MGMT.

**Total Applied For** \$483,577.50

**Metro Cash Match:** \$69,082.50

**Department Contact:** Antonette Plummer  
862-4582

**Status:** NEW

**Program Description:**

This application is to acquire and demolish three (3) properties. Two (2) properties on Crouch Drive, Nashville, TN and one (1) property on Shadowlawn Drive in Hermitage, TN in Metro Nashville/Davidson County. See attached property list for the addresses. Once properties are acquired and demolished the properties will be designated as restricted-use public land.

**Plan for continuation of services upon grant expiration:**

The project will be completed on or before the end of the period of performance or the grant or the expiration of the grant between Metro Water Services and Tennessee Emergency Management Agency.

**APPROVED AS TO AVAILABILITY  
OF FUNDS:**

**APPROVED AS TO FORM AND  
LEGALITY:**



\_\_\_\_\_  
Director of Finance

Date

12/12/18



\_\_\_\_\_  
Metropolitan Attorney

Date

**APPROVED AS TO RISK AND  
INSURANCE:**



\_\_\_\_\_  
Director of Risk Management  
Services

Date

12/12/18



**THIS SECTION FOR STATE USE ONLY**

DISASTER: HMGP FM 5159

Tennessee Identification Number: _____	Tennessee Point of Contact: _____
Date SHMO Received Application: _____	State Hazard Mitigation Officer _____
Date Council Reviewed/Approved: _____	Tennessee Emergency Management Agency 3041 Sidco Drive
FEMA Application Submittal Date: _____	Nashville, Tennessee 37204
	Office: 615.741.1345
	Fax: 615.242.4770

**NOTE: Application must be submitted in duplicate and all maps and photos must be in color.**

**I. PROJECT OVERVIEW**

1. Applicant/Sub-Recipient Legal Name: Metropolitan Government of Nashville and Davidson County  
Sub-Category/Public Entity Organizational Unit: Metro Water Services
2. Applicant Type: Local Government
3. Project Name/Title: Crouch Drive Acquisition / Demolition Project
4. Is this a new or revised application? New Application  
If revised, check appropriate box ...
5. Program to which you are applying: Hazard Mitigation Grant Program (HMGP)
6. Will this be new construction or part of an ongoing project? N/A
7. Is this a Phased project? No
8. Proposed Project Total Cost: \$ 552,660.00  
Federal Share (75%): \$ 414,495.00  
Non-Federal Match (25%): \$ 138,165.00
9. Enter the Total Benefits, Total Cost, and Benefit Cost Ratio (BCR) determined prior to application. Export the Benefit Cost file and provide in electronic format, along with all supporting documentation used to develop the ratio. If Benefit Cost Analysis was waived, place an "N/A" in the blanks, and provide explanation below for the exemption.  
Total Benefits: \$ 0.00 Total Cost: \$ 0.00 BCR: \_\_\_\_\_  
N/A - Benefit Costs Analysis is a requirement for this application. The costs to acquire each property are at or below \$270,000.00, are on the Repetitive Loss List and in the floodplain or floodway.

**10. Certifications:**

The undersigned assures fulfillment of all requirements of the Hazard Mitigation Grant Program as contained in the program guidelines and that all information contained herein is true and correct to the best of my knowledge. The governing body of the applicant has duly authorized the document, commits to the non-Federal share identified in the Scope of Work/Budget, and hereby applies for the assistance documented in this application. Also, the applicant understands that the project may proceed **ONLY AFTER FEMA APPROVAL** is gained.

<u>Scott A. Potter</u>	<u>Director, Metro Water Services</u>	<u>(615) 862-4505</u>
<small>Typed Name of Authorized Representative/Applicant Agent</small>	<small>Title</small>	<small>Telephone Number</small>
		<u>18 OCT 18</u>
<small>Signature of Authorized Representative/Applicant Agent</small>		<small>Date Signed</small>

## II. APPLICANT INFORMATION

The answer to both question 1 and 2 must be "yes" to be considered eligible.

1. Does your community have a current FEMA approved multi-hazard mitigation plan? Yes  
 If yes, what is the date of the plans approval? 05/12/2015
2. Is the location of the proposed project in mitigation plan strategies? Yes  

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 If yes, where in the mitigation plan strategies is the proposed project located?
3. Is this a small, impoverished community? No
4. Is the applicant delinquent on any Federal debt? No
5. Is the community a member of **good standing** with the National Flood Insurance Program? Yes  
 If yes, what is the date of entry into the program? 07/26/1974
6. What is the Community Identification Number (CID)? 470040
7. Is this community a member of the Community Rating System (CRS)? Yes  
 If yes, what is your CRS rating? 8
8. Has your community adopted building codes consistent with the International Codes? Yes
9. Is the recipient a historically black college or university or a tribal college or university? No
10. Catalog of Federal Domestic Assistance Number: 97.039  
 Title: Hazard Mitigation Grant
11. Tax ID Number: 62-0694743 FIPS Code: 037-52004 DUNS Number: 078217668
12. U.S. Congressional District: 5 Congressman Name: Jim Cooper
13. State Senatorial District: 18/19 Senator Name: Ferrell Haile/Thelma Harper
14. State Legislative District: 54/60 Representative Name: Brenda Gilmore/Darren Jernigan

## II. APPLICANT INFORMATION (continued)

### 15. Application Prepared by:

Ms. First Name: Antonette Last Name: Plummer  
Title: Administrative Service Officer 3 Organization: Metro Water Services - Stormwater Division  
Street Address: 1600 Second Avenue North  
City: Nashville State: TN Zip Code: 37208  
Telephone: (615) 862-4582 Fax: (615) 862-4929 Mobile: \_\_\_\_\_ E-mail: Antonette.Plummer@nashville.gov

### 16. Primary Point of Contact:

The Primary Point of Contact is the person responsible for coordinating the implementation of this proposal, if approval is granted.

Ms. First Name: Antonette Last Name: Plummer  
Title: Administrative Service Officer 3 Organization: Metro Water Services - Stormwater Division  
Street Address: 1600 Second Avenue North  
City: Nashville State: TN Zip Code: 37208  
Telephone: (615) 862-4582 Fax: (615) 862-4929 Mobile: \_\_\_\_\_ E-mail: Antonette.Plummer@nashville.gov

### 17. Alternate Point of Contact:

The Alternate Point of Contact is the person that can address questions or concerns in the Primary Point of Contact's absence.

Mr. First Name: Tom Last Name: Palko  
Title: Assistant Director Organization: Metro Water Services  
Street Address: 1600 Second Avenue North  
City: Nashville State: TN Zip Code: 37208  
Telephone: (615) 862-4510 Fax: (615) 862-4929 Mobile: (615) 456-6870 E-mail: Tom.Palko@nashville.gov

### 18. Financial Point of Contact:

The Financial Point of Contact is the person that can address questions/clarification of financial concerns, i.e., banking account, Edison automatic deposits, etc.

Ms. First Name: Amanda Last Name: Deaton-Moyer  
Title: Assistant Director, Business & Finance Organization: Metro Water Services  
Street Address: 1600 Second Avenue North  
City: Nashville State: TN Zip Code: 37208  
Telephone: (615) 862-4782 Fax: (615) 862-4929 Mobile: \_\_\_\_\_ E-mail: Amanda.deaton-moyer@nashville.gov

### 19. Authorized Applicant Agent:

The Authorized Applicant Agent MUST be the chief executive officer, mayor, etc. This person must be able to sign contracts, authorize funding allocations or payments, etc.

Mr. First Name: Scott A. Last Name: Potter  
Title: Director Organization: Metro Water Services  
Street Address: 1600 Second Avenue North  
City: Nashville State: TN Zip Code: 37208  
Telephone: (615) 862-4505 Fax: (615) 862-4929 Mobile: \_\_\_\_\_ E-mail: Scott.Potter@nashville.gov

### III. PROJECT LOCATION

- 3843 Crouch Drive  
3867 Crouch Drive &  
4937 Shadowlawn Drive
1. Site Address: (No PO or Route No.) \_\_\_\_\_  
Nashville & \_\_\_\_\_ 37207 &  
City: Hermitage \_\_\_\_\_ State: TN \_\_\_\_\_ Zip Code: 37076
2. Tax Parcel ID: 059 14 0 148.00  
059 10 0 241.00 &  
076 05 0 048.00
3. Property Tax ID: N/A
4. Latitude: 36.214692  
36.220344 &  
36.206897
5. Longitude: -86.825006  
-86.819124 &  
-86.584725
6. Flood Zone Designation:  AE or A 1-30  A (no base flood elevation given)  
 B or X (shaded)  C or X (unshaded)
7. Panel Number of the FIRM used to determine the above: 47037C  
0119H
8. Date of FIRM: 04/05/2017
9. Does your project affect or is it in close proximity to any buildings or structures 50 years or more in age? No

10. **Physical Location:** Describe the area and population affected/protected by this project, including the location. The two (2) properties on Crouch Drive are in the northern part of Davidson County in the Haynes Manor Area community near Whites Creek. The properties are between Buena Vista Pike and Whites Creek Pike. The property on Shadowlawn Drive is in the north eastern part of Davidson County in the Ashley Place community near Stoners Creek. This property is on a dead end street that intersects with Hidden Hill Drive and is between Lebanon Road and Chandler Road. Both areas are heavily populated with homes and businesses.

11. **Population Affected:** Provide the percent of the population benefiting from this mitigation activity.  
Explain your response.

Not only would this mitigation activity benefit the current property owners by removing them from the floodway and taking them out of harms way, it would also benefit Metropolitan Government of Nashville and Davidson County by allowing Metro services to assist other individuals in need of assistance.

### IV. HISTORY OF HAZARD

Describe, in detail, the history of natural hazards in the proposed area. Include damage history, source and type of problem, frequency of events (s), severity of damage, etc. \*Please refer to Application Guidance Handbook for further guidance.

The three (3) properties Metropolitan Government of Nashville and Davidson County (Metro) is proposing to acquire in this project for the purpose of demolition are located in the Whites Creek floodplain and Stoners Creek floodplain in Davidson County. The three (3) properties are 3843 Crouch Drive, Nashville, TN 37207; 3867 Crouch Drive, Nashville, TN 37207; and 4937 Shadowlawn Drive, Hermitage, TN 37076; all three (3) properties are in Davidson County, TN. These properties have suffered flooding events in May 2010 and September 2009 and are listed with flood claims as follows;

3843 Crouch Drive - 08.31.17 - \$ 3,058.59 / 08.08.13 - \$ 6,061.40  
3867 Crouch Drive - 09.01.17 - \$50,628.45 / 05.02.10 - \$54,433.36  
4937 Shadowlawn Drive - 07.07.16 - \$8,931.42 / 08.03.13 - \$10,577.55

## V. HISTORY OF DAMAGES

The Hazard Mitigation Grant Program (HMGP) is designed to permanently eliminate or significantly reduce the damages caused by natural hazards. This is measured through a Benefit Cost Analysis (BCA). This section of the application is the most crucial as it provides the cost benefit of the proposed activity. Cost beneficial projects show, through documented past damages and/or engineered damages saved; that the proposed activity's cost will be less than the anticipated future damages that would occur if the project were not implemented. If a BCA has been performed on this project, please provide:

Benefit Cost Ratio   N/A   Include documentation supporting data used for the BCA.

As mentioned above, to perform the BCA, actual damage history or projected damages saved through engineering studies are used. The BCA software is driven by determining annualized losses expected during varying flood events, such as the 1-, 2-, or 5- year event. There must be a minimum of two (2) known or three (3) unknown events. Of course, the more events that can be listed, the better. In addition, the events must have taken place in different years. For example, if damages occurred from a 1-year event in June 2010 and a 5-year event in August 2010, you would only use one of the two events. Likewise, two 1-year events in 2011 could not be used; only one of the events would be listed. A good example would be one 1-year event in 2010, one 2-year event in 2009, and one 5-year event in 2007.

NOTE: Most people assume higher event levels calculate more annualized damages. This is not the case. Lower event levels that occur more frequently provide better BCA results.

When compiling the damages, remember to consider both direct and indirect costs. Direct costs include structural damage, content damage, repair work that is contracted, etc. Indirect costs include time missed from work, additional miles traveled due to road closure, emergency rescue services, etc. As the cost of the project must be justified for your proposal to even be considered, it is imperative to disclose as much information as possible -- and essential that dollar amounts be given.

The following provides for three events. If more events are known, attach them on a separate sheet to this section. If there are damages that have been incurred that are not listed here, please add them.

### EVENT ONE

1. Level of Event (if known):   N/A   Year of Occurrence: \_\_\_\_\_

#### A. Utilities Loss of Function

Type of Service:  Electrical  Potable Water  Wastewater  Other \_\_\_\_\_

Number of customers served? \_\_\_\_\_ Year Built? \_\_\_\_\_

How many days was the city/county without service? \_\_\_\_\_

What is the total value per unit/per day? \$   0.00  

#### B. Roads/Bridges Loss of Function

What is the estimated number of one way traffic trips per day? \_\_\_\_\_

What is the estimated delay or detour time per one way trip (hh:mm)? \_\_\_\_\_

(a) What is the number of additional miles? \_\_\_\_\_

(b) Number of days out of service? \_\_\_\_\_

Year Built? \_\_\_\_\_

#### C. Public Building(s) Loss of Function and Damages (make copies as needed)

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

What is the annual budget of the public/nonprofit agencies that occupy the building? \$   0.00  

What is the cost of providing services from this building per day? \$   0.00  

What is the total value of lost services? \$   0.00  

Type of Facility: (i.e., library, fire department, etc.) \_\_\_\_\_

Dollar value of structure damage? \$   0.00   Dollar value of content damage? \$   0.00  

#### D. Private Buildings (Businesses) Losses (make copies as needed)

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Depth of Flooding in structure? \_\_\_\_\_ Cost incurred due to displacement? \$   0.00  

Dollar value of structure damage? \$   0.00   Dollar value of content damage? \$   0.00  

Cost incurred due to inability to work? \$   0.00   Other Costs (specify below)? \$   0.00

E. Residential Losses (make copies as needed)

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_  
 Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Depth of Flooding in structure? \_\_\_\_\_ Cost incurred due to displacement? \$ 0.00  
 Dollar value of structure damage? \$ 0.00 Dollar value of content damage? \$ 0.00  
 Cost incurred due to inability to work? \$ 0.00 Other Costs (specify below)? \$ 0.00

**EVENT TWO**

1. Level of Event (if known): N/A Year of Occurrence: \_\_\_\_\_

A. Utilities Loss of Function

Type of Service:  Electrical  Potable Water  Wastewater  Other \_\_\_\_\_  
 Number of customers served? \_\_\_\_\_ Year Built? \_\_\_\_\_  
 How many days was the city/county without service? \_\_\_\_\_  
 What is the total value per unit/per day? \$ 0.00

B. Roads/Bridges Loss of Function

What is the estimated number of one way traffic trips per day? \_\_\_\_\_  
 What is the estimated delay or detour time per one way trip (hh:mm)? \_\_\_\_\_  
 (c) What is the number of additional miles? \_\_\_\_\_  
 (d) Number of days out of service? \_\_\_\_\_  
 Year Built? \_\_\_\_\_

C. Public Building(s) Loss of Function and Damages (make copies as needed)

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_  
 Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 What is the annual budget of the public/nonprofit agencies that occupy the building? \$ 0.00  
 What is the cost of providing services from this building per day? \$ 0.00  
 What is the total value of lost services? \$ 0.00  
 Type of Facility: (i.e., library, fire department, etc.) \_\_\_\_\_  
 Dollar value of structure damage? \$ 0.00 Dollar value of content damage? \$ 0.00

D. Private Buildings (Businesses) Losses (make copies as needed)

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_  
 Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Depth of Flooding in structure? \_\_\_\_\_ Cost incurred due to displacement? \$ 0.00  
 Dollar value of structure damage? \$ 0.00 Dollar value of content damage? \$ 0.00  
 Cost incurred due to inability to work? \$ 0.00 Other Costs (specify below)? \$ 0.00

E. Residential Losses (make copies as needed)

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_  
 Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Depth of Flooding in structure? \_\_\_\_\_ Cost incurred due to displacement? \$ 0.00  
 Dollar value of structure damage? \$ 0.00 Dollar value of content damage? \$ 0.00  
 Cost incurred due to inability to work? \$ 0.00 Other Costs (specify below)? \$ 0.00

**EVENT THREE**

1. Level of Event (if known): N/A Year of Occurrence: \_\_\_\_\_

A. Utilities Loss of Function

Type of Service:  Electrical  Potable Water  Wastewater  Other \_\_\_\_\_  
 Number of customers served? \_\_\_\_\_ Year Built? \_\_\_\_\_  
 How many days was the city/county without service? \_\_\_\_\_

What is the total value per unit/per day? \$ 0.00

**B. Roads/Bridges Loss of Function**

What is the estimated number of one way traffic trips per day? \_\_\_\_\_

What is the estimated delay or detour time per one way trip (hh:mm)? \_\_\_\_\_

(e) What is the number of additional miles? \_\_\_\_\_

(f) Number of days out of service? \_\_\_\_\_

Year Built? \_\_\_\_\_

**C. Public Building(s) Loss of Function and Damages (make copies as needed)**

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

What is the annual budget of the public/nonprofit agencies that occupy the building? \$ 0.00

What is the cost of providing services from this building per day? \$ 0.00

What is the total value of lost services? \$ 0.00

Type of Facility: (i.e., library, fire department, etc.) \_\_\_\_\_

Dollar value of structure damage? \$ 0.00 Dollar value of content damage? \$ 0.00

**D. Private Buildings (Businesses) Losses (make copies as needed)**

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Depth of Flooding in structure? \_\_\_\_\_ Cost incurred due to displacement? \$ 0.00

Dollar value of structure damage? \$ 0.00 Dollar value of content damage? \$ 0.00

Cost incurred due to inability to work? \$ 0.00 Other Costs (specify below)? \$ 0.00

**E. Residential Losses (make copies as needed)**

Year Built: \_\_\_\_\_ Building Owner: \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Depth of Flooding in structure? \_\_\_\_\_ Cost incurred due to displacement? \$ 0.00

Dollar value of structure damage? \$ 0.00 Dollar value of content damage? \$ 0.00

Cost incurred due to inability to work? \$ 0.00 Other Costs (specify below)? \$ 0.00

**4. Additional Comments**

Enter any additional comments related to the proposed project's history of damages if desired.

## VI. PROJECT DESCRIPTION

1. Describe, in detail, the proposed project. Explain how the proposed project will solve the problem(s) and provide the level(s) of protection. Include a description of the desired outcome and methodology of the mitigation activity in terms of mitigation objectives to be achieved. \*Please refer to Application Guidance Handbook for further guidance

The purchase (at fair market value after approval of this application) and removal of the two (2) residential structures located in the Whites Creek floodplain and the one (1) residential structure located in the Stoners Creek floodplain are all in Davidson County. Each of these properties suffered damages from a combination of two (2) flood events in September 2017, August 2017, July 2017, August 2013, and May 2010. By pursuing this course of action, the property owners will find relief from any future flood damage and there will be not future damage claims to burden the NFIP. Also, the emergency response agencies of the Metropolitan Government will not be as taxed during and after a flood event affecting the designated area. The land where the acquisition and demolition occurs will become restricted-use public land.

**THE COSTS TO ACQUIRE THESE PROPERTIES FOR THIS APPLICATION PURPOSE IS USING THE ASSESSED VALUE FROM THE METRO TAX ASSESSOR PROPERTY VALUATION. THE ACTUAL COSTS TO ACQUIRE THESE PROPERTIES WILL BE DETERMINED BY AN APPRAISAL ONCE THE PROJECT IS ACQUIRED AND WILL BE MORE THAN THE ASSESSED VALUE OF THE PROPERTY.**

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2. Describe the **process** you used to decide that this project is the best solution to the problem. Explain **why** this project is the best alternative. This should coincide with information supplied in Alternative Actions.

Address the following questions:

- Are you focusing on the area in your community that has the greatest potential for losses?
- Have you considered the risks to critical facilities and structures and benefits to be obtained by mitigating this vulnerability?
- Have you considered those areas or projects that present the greatest opportunities given the current situation and interest in your community?
- Are you addressing a symptom or the source of the problem? Addressing the source of the problem is a long-term solution which provides the most mitigation benefits.

If impacts to the environmental/historic preservation, natural, cultural or historic resources have been identified, explain how your alternatives and proposed project address, minimize, or avoid these impacts.

Metro has begun an extensive effort to acquire properties along various streams and in designated floodways and floodplains that suffered catastrophic property damage during the flood of early May, 2010 in Nashville/Davidson County. There are three (3) options considered before choosing acquisition and demolition. Option A (acquisition/demolition) was the chosen method. Option B would be to take no action whatsoever. This option, if chosen, does not alleviate the problem of repetitive flooding in any manner. Flood losses would continue, placing a financial strain on property owners, local government resources and the National Flood Insurance Program. Option C would be to elevate the affected houses. This option would protect the houses from being damaged during a flood; however, other hazards would remain for the property owners in the event of a flood. The cost associated with elevating the existing structures would be at least \$50,000.00 per structure. This is a very conservative estimate that does not take into account the massive structural damage which the affected properties have already suffered. Option A (acquisition/demolition) has been selected as the most efficient, cost effective method of dealing with the flooding situation. It is the only method to completely alleviate all factors associated with repetitive flooding. Once the property is acquired and the structures demolished, the land will be restricted-use public property. Metro selected properties for this application that are in the floodplain of Whites Creek and Stoners Creek and are on the National Flood Insurance Program (NFIP) Repetitive Loss (RL) List. This area of Metro has the greatest potential for losses. Metro has considered the risks to critical facilities and structures and benefits to be obtained by mitigating the vulnerability of flooding. This application given the current situation is in the best interest of Metro and the property owners. By acquiring and demolishing these properties Metro will address the source flooding of Whites Creek and Stoners Creek. If Metro decided to take no action repetitive losses and flood claims would still occur. Elevation would not be feasible; the costs to elevate the structures would not solve the flooding problem this area currently has.

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3. Please attach the following maps with the project site and structure(s) marked on the map.  
 \*FEMA REQUIRES MAPS TO BE IN COLOR AND PHOTOS OF ALL PROPERTIES MUST BE FROM ALL ANGLES (NORTH, SOUTH, EAST & WEST).  
 Flood Insurance Rate Map (FIRM). If the FIRM for your area is not published, please attach a copy of the Flood Hazard Boundary Map (FHBM).  
 Flood Insurance Rate Map (FIRM). If the FIRM for your area is not published, please attach a copy of the Flood Hazard Boundary Map (FHBM).  
 City of county scale map (large enough to show the entire project area).  
 USGS 1:24,000 topo map  
 Parcel Map (Tax Map, Property Identification Map, etc.)  
 Overview photographs. The photographs should be representative of the project area, including any relevant streams, creeks, rivers, etc., and drainage areas which affect the project site or will be affected by the project.

4. **Hazards to be Mitigated / Level of Protection**

a. Select the primary hazard the proposed project will mitigate:

- |                                       |   |   |                                     |
|---------------------------------------|---|---|-------------------------------------|
| <input type="checkbox"/> Drought      | <input checked="" type="checkbox"/> Flood | <input type="checkbox"/> Mud/Landslide    | <input type="checkbox"/> Snow       |
| <input type="checkbox"/> Earthquake   | <input type="checkbox"/> Freezing         | <input type="checkbox"/> Severe Ice Storm | <input type="checkbox"/> Tornado    |
| <input type="checkbox"/> Fire         | <input type="checkbox"/> Land Subsidence  | <input type="checkbox"/> Severe Storm(s)  | <input type="checkbox"/> Windstorms |
| <input type="checkbox"/> Other (list) | _____                                     |   |                                     |

b. Select all other hazards the proposed project will mitigate:

- |  |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Biological      | <input type="checkbox"/> Earthquake       | <input type="checkbox"/> Land Subsidence  | <input type="checkbox"/> Special Events     |
| <input type="checkbox"/> Chemical        | <input type="checkbox"/> Fire             | <input type="checkbox"/> Mud/Landslide    | <input type="checkbox"/> Terrorist          |
| <input type="checkbox"/> Civil Unrest    | <input type="checkbox"/> Fishing Losses   | <input type="checkbox"/> Nuclear          | <input type="checkbox"/> Tornado            |
| <input type="checkbox"/> Crop Losses     | <input checked="" type="checkbox"/> Flood | <input type="checkbox"/> Severe Ice Storm | <input type="checkbox"/> Toxic Substances   |
| <input type="checkbox"/> Dam/Levee Break | <input type="checkbox"/> Freezing         | <input type="checkbox"/> Severe Storm(s)  | <input type="checkbox"/> Windstorms         |
| <input type="checkbox"/> Drought         | <input type="checkbox"/> Human Caused     | <input type="checkbox"/> Snow             | <input type="checkbox"/> Other (list below) |

5. **Site Plan**

A site plan (engineering report, feasibility study report), with alignment drawings, that include the location, plan view and cross-section of cuts, fills and structures, is required. Include the type, and measurement, of all pipes, culverts, ditches, swales and detention/retention basins and ponds. Send the following engineering report as appropriate.

- Calculations used to determine the sizes of any culverts in the project (drainage area, amount of flow, slope of culvert, invert elevations). N/A
- Calculations used to determine the sizes of any ditches and swales in the project (drainage area, amount of flow, slope and depth of the ditch). N/A
- Calculations used to determine the sizes of any detention/retention basins and ponds in the project (drainage area, amount of flow, stage-storage, and stage-discharge). N/A

6. **Letter of Map Revision (LOMR)**

A Letter of Map Revision (LOMR) may be needed on this project. Any changes to the Flood Insurance Rate maps (FIRM) need to be reflected on the flood maps, which is accomplished through the LOMR process. The construction of this project may lower the 100-year flood elevation and thus, possibly lower the flood insurance rates for structures in the project area.

No Letter of Map Revision attached

7. Enter any additional comments related to the proposed project's description, if desired.

N/A

## VII. SCOPE OF WORK / BUDGET

In this section, provide the details of all costs of the project. For estimates, reasonable projections are essential.

### 1. Acquisition

a. Estimated Pre-Event Fair Market Value	\$ 447,660.00	
b. Estimated Cost for Demolition	\$ 90,000.00	
c. Estimated cost for Structure Relocation	\$ 0.00	
d. Estimated Appraisal Cost	\$ 1,500.00	
e. Estimated Closing Costs/Legal Fees	\$ 6,000.00	
f. Uniform Relocation Assistance	\$ 0.00	
g. Comparable Housing	\$ 0.00	
h. Other (specify below)	\$ 7,500.00	i. Total of 1-8 \$ 552,660.00

### Termination of Water and Sewer

j. Program Income	\$ 0.00	
k. Duplication of Benefits	\$ 0.00	l. Total of 10-11 \$ 0.00
m. Subtract l. from i. to determine Total Cost to Acquire Property		\$ 552,660.00

### 2. Elevation

a. Materials (indicate if item will be used as in-kind)

Item	Dimension	Quantity	Cost per Unit	Cost
N/A			\$	\$
			\$	\$
			\$	\$
			\$	\$
			\$	\$
<b>Total Cost</b>			\$	\$

b. Labor – include equipment costs – (indicate if item will be used as in-kind)

Description	Hours	Rate	Cost
N/A		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
<b>Total Cost</b>		\$	\$

c. Fees Paid (include any other costs associated with the project, i.e., permit costs, etc.)

Description	Hours	Rate	Cost
N/A		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
<b>Total Cost</b>		\$	\$

d. Total Elevation Cost \$ 0.00

**3. Total Project Cost (A+B)**

Proposed Project Total Cost:     \$           552,660.00

75% Federal Share:                 \$           414,495.00

25% Non-Federal Match:           \$           138,165.00

*NOTE: Round figures to the nearest dollar.*

**4. Non-Federal Funding Share (25% of Total Cost)**

List all sources and amounts utilized in the non-federal share including all in-kind services. In-Kind services may not exceed the 25% non-federal share. If any portion of the non-Federal share will come from non-applicant sources (donated services, private donation, etc.), attach letters of funding commitment for each non-applicant source.

Source	Name of Source Agency	Type Funding	Amount	Commitment Letter Attached
State Agency Funding	Tennessee Emergency Management Agency	Cash	\$ 69,082.50	Yes
Local Agency Funding	Metropolitan Government of Nashville and Davidson County, Metro Water Services	Cash	\$ 69,082.50	Yes
			\$	

Source = State, Local, Private Non-Profit, Other  
 Source Agency = Specific entity providing match  
 Type Funding = Administration, Cash, Consulting Fees, Engineering Fees, Equipment Operation/Rental, Labor, Supplies, Other

**5. Describe how you will manage the costs and schedule, and how you will ensure successful performance..**

The mitigation activity will be implemented following the rules and regulations set forth by HMA specific to HMGP. MWS, Stormwater Division will be responsible for managing and completing the mitigation activity, once the project is approved. One employee is designated to oversee the management and complete the project.

**6. Additional Comments**

Enter any additional comments related to the proposed project's funding, if desired.

The appraisals are to be performed after Metro receives the project approval from TEMA and FEMA.

## VIII. TIMELINES AND MAINTENANCE

### 1. Timeline

Insert the proposed work schedule (in days) in phases, i.e., engineering, appraisals, title search, closing, construction, etc., and provide a description of the phases purpose regarding the proposed project. This timeline will be used as a measurement tool for progress in the project's implementation and is included in the required Quarterly Reports. Also, FEMA uses the phased timeline for determining the period of performance. It will be the basis used to justify delays or extensions, if necessary, and should be estimated carefully. Due to the length of Tennessee's state contract process, the first and last entry has already been made for generating funds and closeout purposes.

A. Phase 1:	<b>Tennessee State Contract Process</b>	Timeframe:	<b>6 Months</b>
	The State contract is the State's legal mechanism required to ensure funding or services to the applicant. The timeframe reflects up to a 6 month period.		
Phase 2:	<b>Appraisals</b>	Timeframe:	<b>3 Months</b>
	Metro has an independent appraiser under contract to complete this task.		
Phase 3:	<b>Acquisition of Properties</b>	Timeframe:	<b>10 Months</b>
	Metro has an independent closing attorney under contract to complete this task.		
Phase 4:	<b>Termination of Water and Sewer</b>	Timeframe:	<b>1 Month</b>
	Metro Systems Service will complete this task.		
Phase 5:	<b>Demolition and Restoration of Properties</b>	Timeframe:	<b>10 Months</b>
	Metro Remedial Maintenance will complete this task.		
Phase 5:	<b>Project Closeout</b>	Timeframe:	<b>6 Months</b>
	This includes the State's Compliance Review, Applicant, State and Federal concurrence, financial reconciliation, site visit, and FEMA closure.		
<b>Total Timeframe (provide a timeframe of 36 months/3 years)</b>		Timeframe:	<b>36 Months</b>

- B. The start date for any proposed project begins upon FEMA approval. Provide an explanation for the timeframe (listed above) to complete this project.

Metro will complete the project on or before the expiration of the grant or the timeframe stated above.

### 2. Maintenance

The following questions are to give assurance on the project's maintenance over its useful life. Please answer each question and give a brief explanation.

- A. Will the project require periodic maintenance? Yes
- B. Who will provide the maintenance?

Metro will maintain this property. Metro Parks will be responsible for mowing these properties.

- C. What is the cost of maintenance on an annual basis? \$ 500.00

## IX. ALTERNATIVE ACTIONS

List **two feasible** alternative projects to mitigate the hazards for project area. One alternative is the "No Action Alternative" (section A).

### 1. No Action Alternative

Discuss the impacts on the project area if no action is taken.

Taking no action would result in these houses remaining in areas that are highly prone to flooding, as well as being in a designated floodplain. Repetitive flood losses could still occur, placing a burden on property owners, as well as local government resources. If these structures remain, it would be a hindrance to our Department's and Metro efforts to progressively mitigate the highest potential flood loss areas in the county. It would also fail to give any financial relief and assistance to property owners whose homes have suffered massive property damage.

### 2. Other Feasible Alternative Project Title:

#### Elevation of Structures

Discuss a feasible alternative to the proposed project. This could be an entirely different mitigation method or a significant modification to the design of the current proposed project. Please include scope of work, engineering details (if applicable), estimated budget and the impacts of this alternative.

#### A. Other Feasible Project Description and Scope of Work

Describe, in detail, the proposed alternative project. Also, Explain how the alternative project will solve the problem(s) and/or provide protection from the hazard(s).

Elevation would prevent the structures from being damaged in a 100 year flood. However, the costs associated with elevation of the existing structures would be a minimum of \$50,000.00 per structure. This is a conservative estimate and does not take into account that most of these structures have suffered damage to such an extent that elevation is not even feasible. Therefore, elevation is not viewed as a practical alternative to acquisition and demolition and restricting the use of the land. Even though the houses would be elevated, the properties would still be at risk for property damage and physical danger to the property owners from future flooding. Owners or tenants would still be in danger if flood waters prevented them from leaving their houses in a safe and timely manner, which would necessitate the effort and expense of rescue. There are also environmental problems associated with flooding, such as sewers backing up, hazardous materials floating from upstream, etc. Elevation would also alleviate the option of phasing the land into a proposed greenway project or neighborhood park. Either of these options would ultimately benefit a larger segment of the community with little additional annual cost.

#### B. Other Feasible Project Location

Attach a map or diagram showing the alternative site in relation to the proposed project site

(Please provide map in color).

Photographs of alternative site. (Please provide map in color)

3. **Funding Sources (round figures to the nearest dollar).** The maximum Federal share for all mitigation projects is 75%. The remaining 25% (non-Federal share) is the responsibility of the applicant. HMGP funds may be packaged with other Federal funds. However, only Federal funds which lose their Federal identity at the State level may be used for the non-Federal share. Please list below the funding sources and amounts for the proposed alternative project.

Proposed Project Total Cost:	\$	150,000.00
75% Federal Share:	\$	112,500.00
25% Non-Federal Match:	\$	37,500.00

#### A. Impacts of Other Feasible Alternative Project

Discuss the impact of this alternative on the project area. Include comments on these issues: Environmental Justice; Endangered Species; Wetlands; Hydrology (Upstream and Downstream Impacts); Floodplain/ Floodway; Historic Issues; Hazardous Materials.

## X. ENVIRONMENTAL REQUIREMENTS

The applicant *must* provide certain environmental documentation to the state before the State and FEMA can adequately review any proposed project. The Council on Environmental Quality (CEQ) has developed regulations to implement the National Environmental Policy Act (NEPA). These regulations, as set forth in Title 40, Code of the Federal Regulations (CFR) Parts 1500-1508, require an investigation of the potential environmental impacts of a proposed federal action, and an evaluation of alternatives as part of the environmental assessment process. The FEMA regulations that establish the agency-specific process for implementing NEPA are set forth in 44 CFR Subpart 10.

As any proposed project requires specific documentation relative to its potential effect on the physical, biological and built environment, the below sections will assist you in insuring proper documentation is submitted for your respective project. In some instances, additional documentation may be required prior to funding.

*NOTE: In coordinating with the below listed agencies, please provide several original photographs of the project site and adjacent area/structures, a description of the project referencing structure/site addresses, and a map of sufficient scale and detail that show the project site and surrounding project area (area of potential effects).*

Attach documentation (letters, permits, etc.) from coordination with the following Federal and State agencies: For region-specific contacts, addresses, and phone numbers, please refer to Appendix A of this handbook. \*Please refer to Application Guidance Handbook for further guidance and an example of an environmental compliance letter.

Environmental Requirement	Coordinating Agency	Attached to Application
<b>National Historic Preservation Act: Historical Structures and Archeological Resources</b>		
Does your project affect or is it in close proximity to any buildings or structures of any kind?	State Historic Preservation Office	Yes
Does your project involve disturbance of ground?		Yes
<b>Endangered Species Act and Fish and Wildlife Coordination Act</b>		
Does your project remove vegetation?	U.S. Department of the Interior (Fish and Wildlife Service) & Tennessee Wildlife Resources	No
Is your project in or near any type of waterway or body of water? (within ½ mile)		Yes
Is the project not contained within existing structures, or may it result in changes or potential effects to the natural environment?		No
Are there threatened or endangered species or their critical habitat present in the project area or within the county the project is located within?		No
Will this activity require an Aquatic Resource Alteration Permit?		No
<b>Clean Water Act, Rivers and Harbors Act, and Executive Order 11990 (Protection of Wetlands)</b>		
Will the project involve work near or in a waterway, dredging or disposal of dredged material, excavation, adding fill material or result in any modification to water bodies or wetlands designed as "waters of the U.S." as identified by the US Army Corps of Engineers or on the National Wetland Inventory?	U.S. Army Corps of Engineers & Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
Will the project require a National Pollutant Discharge Elimination System (NPDES) permit from the U.S. Environmental Protection Agency?	Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
<b>Executive Order 11988 (Floodplain Management)</b>		
Is the project located in a FEMA identified 100 or 500 year floodplain (on a FIRM map), in a FEMA identified floodway, or identified as a floodplain through some other source?	National Flood Insurance Program	Provided through FIRM
Does the project alter a watercourse, water flood patterns, or a drainage way, regardless of its floodplain designation? Will the activity require a CLOMR (Conditional Letter of Map Revision)?	U.S. Army Corps of Engineers & National Flood Insurance Program	No
<b>Farmland Protection Policy Act</b>		
Will the project convert more than 5 acres of farmland outside community limits and require documentation from the USDA National Resource Conservation Service (Prime, Unique or other Important Farmlands)?	U.S. Department of Agricultural (National Resources Conservation Service)	No

Environmental Requirement	Coordinating Agency	Attached to Application
<b>Hazardous and Toxic Materials</b>		
Is there a reason to suspect there are contaminants from a current or past use on the property associated with the proposed project?	Hazardous Materials Property Survey Individual Property Survey Form (In Appendix L of the Handbook) and/or Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
Are there any studies, investigations, or enforcement action related to the property associated with the proposed project?		No
Do any project construction or operation activities involve the use of hazardous or toxic materials, i.e., asbestos, lead paint, heavy metals, etc.?		No
Do you know what the current and past land-uses are of the property affected by the proposed project and the adjacent properties?		Residential
<b>Executive Order 12898, Environmental/Historic Preservation Justice for Low Income and Minority Populations</b>		
Is the project in an area of low income or minority populations and require documentation on Environmental Justice information (census, economics, housing, and employment)?	Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
Will the project cause any changes that may affect nearby low income or minority populations, result in adverse effects, or change availability of services?		No
<b>Other Environmental Laws or Issues</b>		
Are there any controversial issues associated with this project?	Local Applicant Narrative	No
Have you conducted any public meetings or solicited public input or comments on your specific proposed mitigation activity(ies)?	Local Applicant Narrative	Yes
Will this activity require a Construction Stormwater Permit?	Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No

**Additional Comments**

Enter any additional comments related to environmental concerns for the proposed project if desired.

Metro submitted the proposed project to the following agencies for their review and comments: Metro Historical Commission, Tennessee Historical Commission, U. S. Army Corps of Engineers, Tennessee Wildlife Resources Agency, U. S. Fish and Wildlife Service, and the Tennessee Department of Environment and Conservation. After their review of our proposed project, all agencies responded with letter stating their approval. These letters are attached to this application.

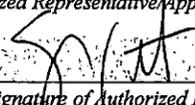
Metro Water Services placed a Public Notice on the Metro Water Services website. There are no responses or questions from the public regarding this proposed project.

# XI. ASSURANCES

As the authorized representative of this application, I certify that Scott A. Potter, Director MWS, hereinafter called the Applicant will:  
*Name of Applicant*

1. Ensure that participation by property owners is voluntary. The prospective participants have been informed in writing that participation in the program is voluntary, that the Applicant will not use its eminent domain authority to acquire their property for the project purposes should negotiations fail;
2. Ensure each property owner will be informed, in writing, of what the Applicant considers to be the fair market value of the property. The Applicant will use the Model Statement of Voluntary Transaction to document this and will provide a copy for each property after award;
3. Accept all of the requirements of the FEMA grant and the deed restriction governing the use of the land, as restricted in perpetuity to open-space uses. The Applicant will apply and record a deed restriction on each property in accordance with the language in the FEMA Model Deed Restriction. The community will seek FEMA approval, via the State, for any changes in language differing from the Model Deed Restriction.
4. Ensure that the land will be unavailable for the construction of flood damage reduction levees and other incompatible purposes, and is not part of an intended, planned, or designated project area for which the land is to be acquired by a certain date;
5. Demonstrate that it has consulted with the US Army Corps of Engineers regarding the subject land's potential future use for the construction of a levee system, and will reject future consideration of such use if it accepts FEMA assistance to convert the property to permanent open-space;
6. Demonstrate that it has coordinated with its State Department of Transportation to ensure that no future, planned improvements or enhancements to the Federal aid systems are under consideration that will affect the subject property;
7. Remove existing structures within 90 days of settlement;
8. Post grant award, ensure that if property interested is conveyed, it is only with the prior approval of the FEMA Regional Director, via the State, and only to another public entity or to a qualified conservation organization pursuant to 26 CFR 1.170A-14;
9. Submit every three years to the Grantee, who will then submit to the FEMA Regional Director, a report certifying that it has inspected the subject property within the month preceding the report, and that the property continues to be maintained consistent with the provisions of the grant. If the subject property is not maintained according to the terms of the grant, the State and FEMA, its representatives, designated authorities, and assigns are responsible for taking measures to bring the property back into compliance; and
10. Not seek or accept the provision of, after settlement, disaster assistance for any purpose from any Federal entity with respect to the property, and FEMA will not distribute flood insurance benefits for that property for claims related to damage occurring after the date of the property settlement.
11. Assure the project will meet all national, state or local codes and standards applicable for the jurisdiction including, but not limited to, building, construction, public notification, floodplain development, etc.
12. Accept responsibility, at its own expense if necessary, for the **routine** maintenance of any real property, structures, or facilities acquired or constructed as a result of such Federal aid. Routine maintenance shall include, but not be limited to, such responsibilities as keeping vacant land clear of debris, garbage, and vermin; keeping stream channels, culverts, and storm drains clear of obstructions and debris; and keeping detention ponds free of debris, trees, and woody growth.

As the duly authorized representative of the Applicant, I hereby certify that the Applicant will comply with the identified assurances and certifications.

<u>Scott A. Potter</u> <i>Typed Name of Authorized Representative/Applicant Agent</i>	<u>Director, Metro Water Services</u> <i>Title</i>	<u>(615) 862-4505</u> <i>Telephone Number</i>
 <i>Signature of Authorized Representative/Applicant Agent</i>		<u>18 OCT 18</u> <i>Date Signed</i>

## **ASSURANCES (CONTINUED)**

### **1. Code Compliance**

The applicant assures the project will meet all national, state or local codes and standards applicable for the local jurisdiction including, but not limited to, building, construction, public notification, floodplain development, etc.

### **2. Maintenance**

The applicant agrees that if it receives any Federal aid as a result of this application, it will accept responsibility, at its own expense if necessary, for the **routine** maintenance of any real property, structures, or facilities acquired or constructed as a result of such Federal aid. Routine maintenance shall include, but not be limited to, such responsibilities as keeping vacant land clear of debris, garbage, and vermin; keeping stream channels, culverts, and storm drains clear of obstructions and debris; and keeping detention ponds free of debris, trees, and woody growth.

The purpose of this agreement is to make clear the Sub-recipient's maintenance responsibilities following project award and to show the Sub-recipient's acceptance of these responsibilities. It does not replace, supercede, or add to any other maintenance responsibilities imposed by Federal, State and Local laws or regulations and which are in force on the date of project award.

### **3. Signature of Agreement**

The undersigned assures fulfillment of the above requirements as contained in the program guidelines.

**Construction Programs**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

**As the duly authorized representative of the applicant, I certify that the applicant:**

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability including funds sufficient to pay the non-Federal share of project costs to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or state.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of Sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federal-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973

333) regarding labor standards for federally-assisted construction subagreements.

(P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.

- 15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe

Drinking Water Act of 1974, as amended (PL. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).

- 16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
- 17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
- 18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
- 19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
- 20. Will comply with the requirements of Section 106(g) of the (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Director, Metro Water Services

TITLE

Metropolitan Government of Nashville and Davidson County

APPLICANT ORGANIZATION

18 OCT 18

DATE SUBMITTED

## **XI. ASSURANCES (CONTINUED)**

### **Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibility Matters; and Drug-Free Workplace Requirements**

Section 17.630 of the regulations provide that a recipient that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for FEMA funding. States and State agencies may elect to use a Statewide certification.

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 44 CFR Part 18, "New Restrictions on Lobbying; and 28 CFR Part 17, "Government-wide Debarment and suspension (Nonprocurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Federal Emergency Management Agency (FEMA) determines to award the covered transaction, grant, or cooperative agreement.

#### **1. LOBBYING**

- A. As required by the section 1352, Title 31 of the US Code, and implemented at 44 CFR Part 18 for persons entering into a grant or cooperative agreement over \$100,000, as defined at 44 CFR Part 18, the applicant certifies that:
- (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement and extension, continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement;
  - (b) If any other funds than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions;
  - (c) The undersigned shall require that the language of this certification be included in the award documents for all the sub awards at all tiers (including subgrants, contracts under grants and cooperative agreements, and subcontract(s)) and that all subrecipients shall certify and disclose accordingly.

#### **2. DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS (DIRECT RECIPIENT)**

As required by Executive Order 12549, Debarment and Suspension, and implemented at 44 CFR Part 67, for prospective participants in primary covered transactions, as defined at 44 CFR Part 17, Section 17.510-A. The applicant certifies that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this application been convicted of or had a civilian judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or perform a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or locally) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
- (d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default; and

B. Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

#### **3. DRUG-FREE WORKPLACE (RECIPIENTS OTHER THAN INDIVIDUALS)**

As required by the Drug-Free Workplace Act of 1988, and implemented at 44 CFR Part 17, Subpart F, for recipients, as defined at 44 CFR part 17, Sections 17.615 and 17.623:

(A) The applicant certifies that it will continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the recipient's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an on-going drug free awareness program to inform employees about:
  - (1) The dangers of drug abuse in the workplace;
  - (2) The recipient's policy of maintaining a drug-free workplace;
  - (3) Any available drug counseling, rehabilitation and employee assistance programs; and
  - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant to be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will:
  - (1) Abide by the terms of the statement; and
  - (2) Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

- (e) Notifying the agency, in writing within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to the applicable FEMA awarding office, i.e. regional office or FEMA office.
  - (f) Taking one of the following actions against such an employee, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted:
    - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
    - (2) Require such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement or other appropriate agency.
  - (g) Making a good effort to continue to maintain a drug free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).
- (B) The recipient may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance	Street	City	State	Zip Code
3843	Crouch Drive	Nashville	TN	37207
3867	Crouch Drive	Nashville	TN	37207
4937	Shadowlawn Drive	Hermitage	TN	37076

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Director, Metro Water Services

TITLE

Metropolitan Government of Nashville and Davidson County

APPLICANT ORGANIZATION

18 OCT 18

DATE SUBMITTED

**ASSURANCES-NON-CONSTRUCTION PROGRAM**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

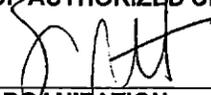
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain federal assistance awarding agencies may require applicants to certify additional assurances. If such is the case, you will be notified.

**As the duly authorized representative of the applicant, I certify that the applicant:**

- |  |   |
|--|---|
| <p>1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.</p> <p>2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.</p> <p>3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.</p> <p>4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.</p> <p>5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).</p> <p>6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation</p> | <p>Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.</p> <p>7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.</p> <p>8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.</p> |
|--|---|

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

<p><b>SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</b></p> 	<p><b>TITLE</b></p> <p>Director, Metro Water Services</p>
<p><b>APPLICANT ORGANIZATION</b></p> <p>Metropolitan Government of Nashville and Davidson County</p>	<p><b>DATE SUBMITTED</b></p> <p>18 OCT 18</p>

Additional subapplication requirements include items:

**RL Property List**

House #	Address	City	State	Zip Code	Parcel #	Creek	Design	Appraisal	Acquisition	Closing Costs	Termination Water & Sewer	Environmental / Demolition	Total Costs	Flood	
														HMGF-FM 5159 TUCKAHOE DRIVE	Whites
3843	CROUCH DR	NASHVILLE	TN	37207	059 14 0 148.00	Whites	FP	\$ 500.00	\$ 141,210.00	\$ 2,000.00	\$ 2,500.00	\$ 30,000.00	\$ 176,210.00		
3867	CROUCH DR	NASHVILLE	TN	37207	059 10 0 241.00	Whites	FP	\$ 500.00	\$ 125,550.00	\$ 2,000.00	\$ 2,500.00	\$ 30,000.00	\$ 160,550.00		
4937	SHADOWLAWN DR	HERMITAGE	TN	37076	076 05 0 048.00	Stoners	FP	\$ 500.00	\$ 180,900.00	\$ 2,000.00	\$ 2,500.00	\$ 30,000.00	\$ 215,900.00		
								\$ 1,500.00	\$ 447,660.00	\$ 6,000.00	\$ 7,500.00	\$ 90,000.00	\$ 552,660.00		
								Federal	\$ 414,495.00						
								State	\$ 69,082.50						
								Metro	\$ 69,082.50						
									<u>\$ 552,660.00</u>						



**METROPOLITAN NASHVILLE – DAVIDSON COUNTY**

Property Checklist for Acquisition Projects

Applicant: BURFORD, ISAAC T. ETUX 3843 CROUCH DRIVE, NASHVILLE, TN  
 Property ID: # 1  
 TID: # HMGP-5159

<b>Checklist Questions</b>	<b>Yes</b>	<b>No</b>
<b>Individual Property Worksheets</b>		
Has Property ID been assigned?	✓	
Homeowner name included?	✓	
Is address a physical address? (No PO Boxes or Routes allowed)	✓	
Are all applicable costs to support the project included in the proposed cost to acquire the property? (i.e., tenant properties should have URA)	✓	
Has each property's worksheet been fully completed?	✓	
Is construction date of home older than effective date of FIRM?	✓	
<b>Environmental Clearances</b>		
State Historic Preservation	✓	
Fish and Wildlife Tennessee Wildlife Resources	✓	
Corps of Engineers	✓	
NPDES – Environment and Conservation (Environmental Assistance Centers)	✓	
Department of Agriculture (National Resources Conservation Service)		N/A
Hazardous and Toxic Materials (if commercial property)		N/A
Environmental Justice (If applicable)		N/A
Stormwater Permit (If applicable)		N/A
<b>Maps and Other Attachments</b>		
FIRM or FHBM	✓	
City or County Scale Map	✓	
USGS 2:24,000 Topo Map	✓	
Parcel Map	✓	
Photographs	✓	
Elevation Certificate	✓	
Substantial Damage Report		N/A
Letter of Intent	✓	
Declaration and Release (FEMA Form 90-69B)	✓	
<b>Benefit Cost Data: Full Data Module</b>		
Is all information requested for full data module supplied?		N/A
Is there a copy of the relevant parts of the FIS to support streambed elevation, stream elevation and discharge?		N/A
<b>Benefit Cost Data: Damage Frequency Assessment</b>		
Is all information requested for the damage frequency assessment module supplied?		N/A
Is source and documentation for level of event supplied?		N/A
Is supporting documentation included for costs claimed on each event?		N/A

**PROPERTY WORKSHEETS**

1. Property ID:	<b>1</b>
2. Property Owner:	BURFORD, ISAAC T. ETUX
3. Property Address: (No PO or Route No)	3843 CROUCH DRIVE
4. City, State, Zip Code:	NASHVILLE, TN 37207
5. Tax Parcel ID:	059 14 0 148.00
6. Property Tax ID:	
7. Latitude:	36.214692
8. Longitude:	-86.825006
<b>Property Data</b>	
9. Property owner have flood insurance?	Yes
10. If Yes, Insurance Policy Provider:	
11. If Yes, NFIP Policy Number:	
12. Repetitive Loss Number:	
13. Is property in a...:	
14. Flood Zone Designation:	
15. Panel Number of FIRM used to determine the above:	
16. Date of FIRM:	
17. Construction Date of Structure:	1965
18. Building Type:	1-story w/o basement
19. Construction Type:	Wood Frame
20. Foundation of Building:	Crawl Space
21. Type of Residency:	Owner Occupied - Principal Residence
22. If Rental, how many units are occupied?	N/A
23. If Rental, tenant names:	N/A
24. If property is a critical facility, what type?	N/A
25. Any historic building controls (easements, etc.)?	No
26. Percent of structure's damage:	1-49%
27. How many times has the property flooded?	2-3 insured losses cumulatively = < than building fair market value
28. What is the source of flooding?	Rivering Flooding
<b>Proposed Cost to Acquire Property</b>	
29. Appraisal	\$ 500.00
30. Fair Market Value	\$ 141,210.00
31. Closing Cost/Legal Fees	\$ 2,000.00
32. Demolition (including EAS & Abatement)	\$ 30,000.00
33. Uniform Relocation Assistance	\$ -
34. Comparable Housing	\$ -
35. Other (specify): Termination Water & Sewer	\$ 2,500.00
36. Total of 29-35:	\$ 176,210.00
37. Program Income:	
38. Duplication of Benefits:	
39. Total of 37-38:	\$ -
40. Total Cost to Acquire Property:	<b>\$ 176,210.00</b>
<b>Attach the following:</b>	
41. Pictures showing front, back and side view.	Yes
42. Elevation Certificate	Yes
43. Hazardous Materials Certification	Will be provided when project is closed out
44. Signed Notice of Voluntary Interest:	Yes
<b>Benefit Cost Analysis Data</b>	
<p>Only one of the following Benefit Cost Analysis sections must be completed. The Full Data Module requires data from the NFIP's Flood Insurance Study and surveying. The Damage Frequency Assessment requires gathering damage information from the property residents. Also, if the Damage Frequency Assessment is chosen, there must be at least three events information.</p>	

**3843 Crouch Drive**

This structure is NOT slab on grade, it has a crawl space therefore there will be no ground disturbance for the foot print of the structure itself.

The property does have a sidewalk and driveway. During demolition the ground disturbance should be between 3 inches to 6 inches. Once the sidewalk and driveway are removed Metro will fill and grade the area that has the disturbance. This is something that Metro ALWAYS does.

Metropolitan Government of Nashville & Davidson County uses the assessed value on the property tax card and we multiply that by 35%. We add the assessed value on the property tax card and the 35% to get the estimated acquisition cost for each property. Upon approval of our grant application Metropolitan Government of Nashville & Davidson County will obtain an appraisal for the true Fair Market Value.

We have used this methodology for years when applying for Mitigation funded grants.

**3843 CROUCH DRIVE**

Tax Card Value	\$ 104,600.00
Cushion of (x 35%)	\$ 36,610.00
<b>Estimated Market Value</b>	<b>\$ 141,210.00</b>

I hope the examples shown above, adequately explains the methodology of how we assess the estimated acquisition costs for each property.

Davidson County, TN  
 Assessor of Property

Unofficial Property Record Card

GENERAL PROPERTY INFORMATION

**Map & Parcel:** 059 14 0 148.00  
**Current Owner:** BURFORD, ISAAC T. ET UX  
**Mailing Address:** 3843 CROUCH DR  
 NASHVILLE, TN 37207  
**Zone:** 4  
**Neighborhood:** 3533

**Location:** 3843 CROUCH DR  
**Land Area:** 0.30 Acres  
**Most Recent Sale Date:** 11/09/1965  
**Most Recent Sale Price:** \$0  
**Deed Reference:** 00003957-0000898  
**Tax District:** USD

CURRENT PROPERTY APPRASIAL

**Assessment Year:** 2018  
**Land Value:** \$29,000  
**Improvement Value:** \$75,600  
**Total Appraisal Value:** \$104,600

**Assessment Classification\*:** RES  
**Assessment Land:** \$7,250  
**Assessment Improvement:** \$18,900  
**Assessment Total:** \$26,150

LEGAL DESCRIPTION

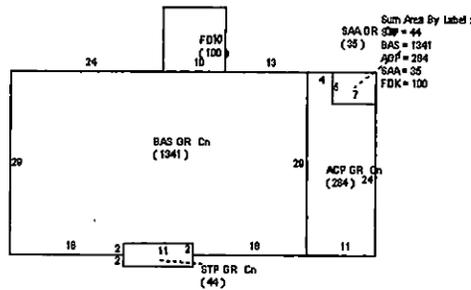
LOT 67 HAYNES MANOR SEC. 1

IMPROVEMENT ATTRIBUTES - Card 1 of 1

**Building Type:** SINGLE  
 FAM  
**Year Built:** 1965  
**Square Footage:** 1,341  
**Number of Living Units:** 1  
**Building Grade:** C  
**Building Condition:**  
 Average

**Rooms:** 5  
**Beds:** 3  
**Baths:** 1  
**Half Bath:** 1  
**Fixtures:** 7

**Exterior Wall:** BRICK  
**Frame Type:** RESD  
 FRAME  
**Story Height:** ONE STY  
**Foundation Type:** CRAWL  
**Roof Cover:** ASPHALT



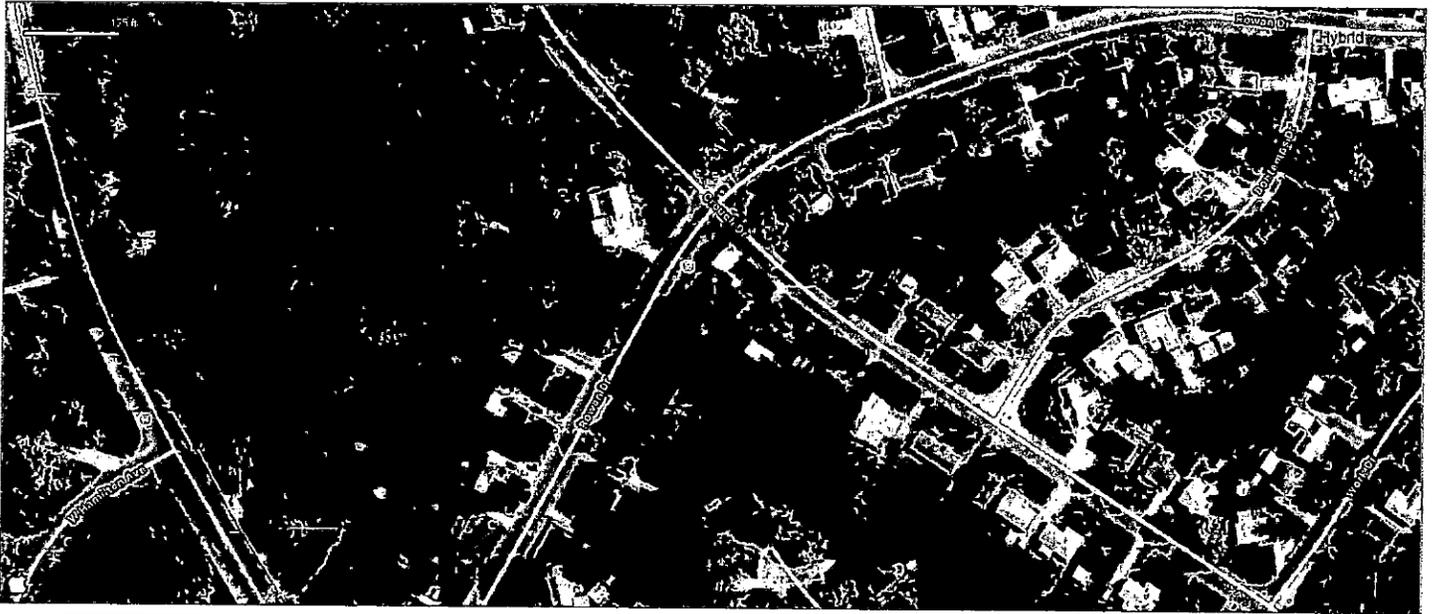
\*This classification is for assessment purposes only and is not a zoning designation, nor does it speak to the legality of the current use of the subject property.

To find the latitude and longitude of a point you can do any of the following...



1. Press and Hold the Shift Key then Click on the point on the map.
2. Drag the red marker.
3. Enter the Address

## Latitude and Longitude of a Point



### Get the Latitude and Longitude of a Point

When you click on the map, move the marker or enter an address the latitude and longitude coordinates of the point are inserted in the boxes below.

Latitude:

Longitude:

	Degrees	Minutes	Seconds
Latitude:	<input type="text" value="36"/>	<input type="text" value="13"/>	<input type="text" value="6.8658"/>
Longitude:	<input type="text" value="-86"/>	<input type="text" value="49"/>	<input type="text" value="4.4724"/>

### Show Point from Latitude and Longitude

Use this if you know the latitude and longitude coordinates of a point and want to see where on the map the point is.

Use: + for N Lat or E Long - for S Lat or W Long.

Example: +40.689060 -74.044636

Note: Your entry should not have any embedded spaces.

Decimal Deg. Latitude:

Decimal Deg. Longitude:

Example: +34 40 50.12 for 34N 40' 50.12"

	Degrees	Minutes	Seconds
Latitude:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Longitude:	<input type="text"/>	<input type="text"/>	<input type="text"/>



**FIRM**  
 FLOOD INSURANCE RATE MAP  
 METROPOLITAN GOVERNMENT OF  
 NASHVILLE AND  
 DAVIDSON COUNTY,  
 TENNESSEE  
 AND INCORPORATED AREAS

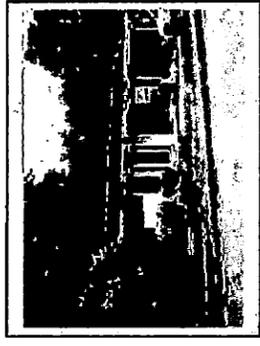
PANEL 0228H

PANEL 229 OF 478  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

DATE: 04/05/2017  
 BY: [unreadable]

MAP NUMBER  
 470370028H  
 MAP REVISED  
 APRIL 5, 2017

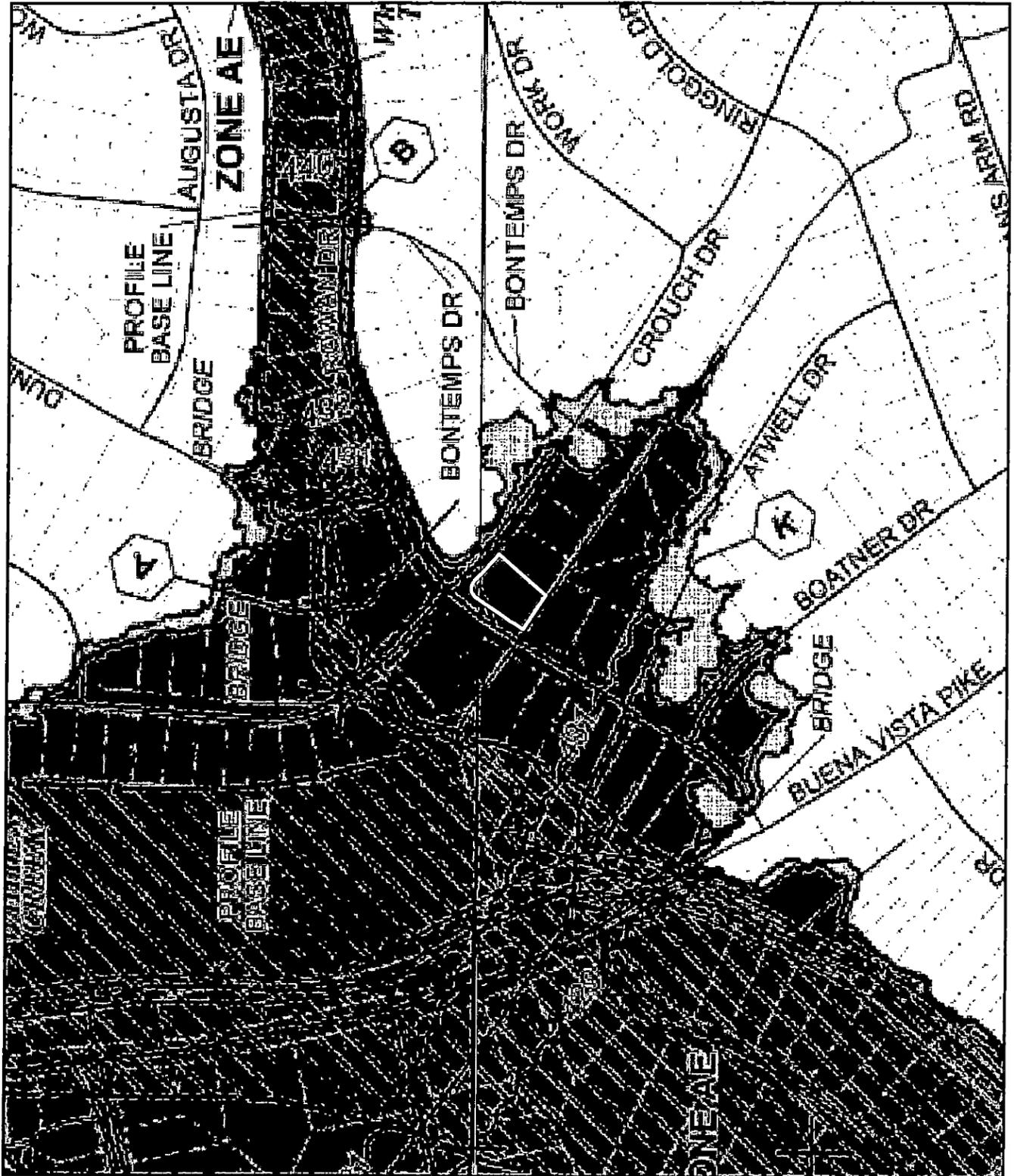
Federal Emergency Management Agency



3843 CROUCH DR

450 Feet

3843 CROUCH DRIVE



# Repetitive Loss Properties



-  PROPERTIES
-  FLOODWAY
-  Davidson County



## Repetitive Loss Properties



24,000

Feet



# 3843 CROUCH DRIVE



3843 CROUCH DR

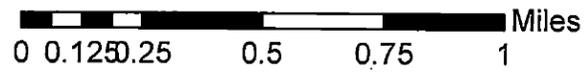
 3843 CROUCH DR



PARCEL NO: 05914014800

BURFORD, ISAAC T. ET UX

LATITUDE: -86.817834    LONGITUDE: 36.218628



# 3843 CROUCH DRIVE



~ 10FT CONTOURS

■ BUILDING FOOTPRINTS

▭ 3843 CROUCH DR

☁ WATER BODIES

▭ PARCELS

■ FLOODWAY

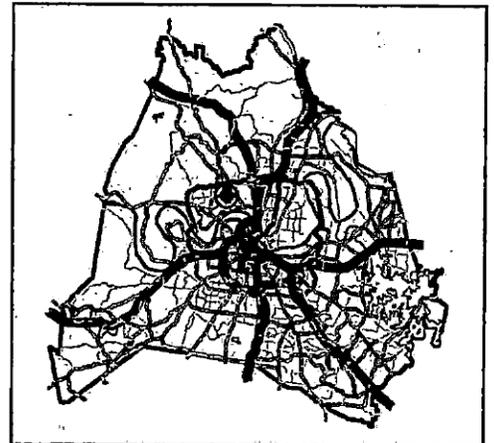
▭ FLOODPLAIN

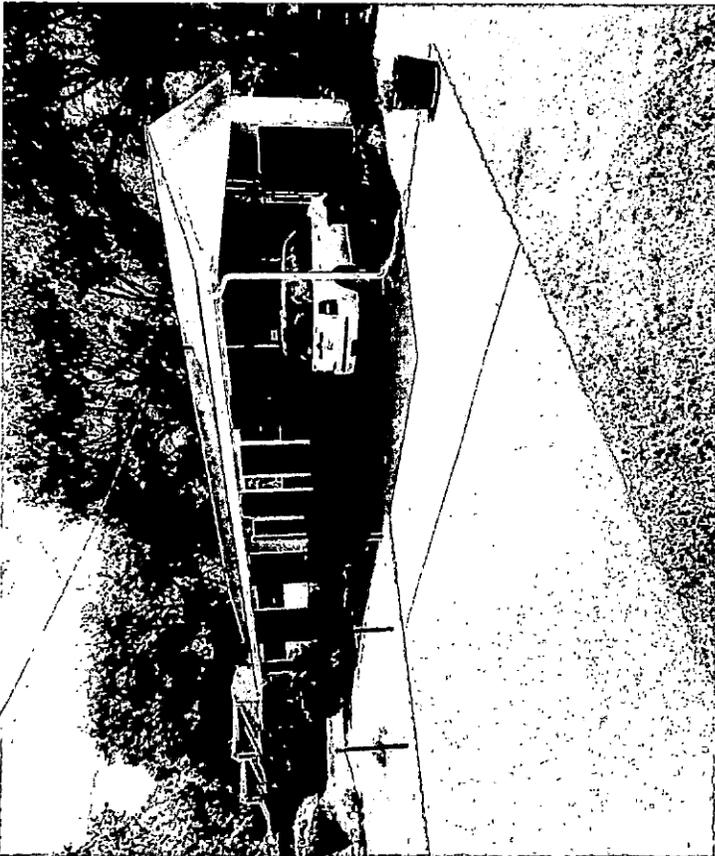
PARCEL NO: 05914014800

BURFORD, ISAAC T. ET UX

LATITUDE:  
-86.817834

LONGITUDE:  
36.218628





3843 Crouch Drive  
Nashville, TN 37207  
Parcel # 059 14 0 148.00  
36.214692  
-86.825006

FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077  
Expires December 31, 2005

ELEVATION CERTIFICATE

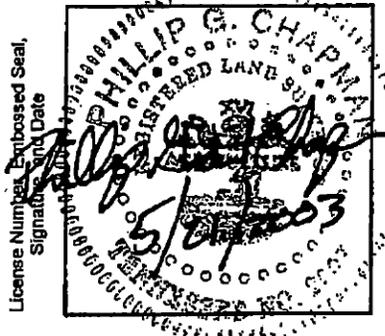
Important: Read the instructions on pages 1 - 7.

Stanpar: 05914014800

<b>SECTION A - PROPERTY OWNER INFORMATION</b>		For Insurance Company Use:
BUILDING OWNER'S NAME <b>BURFORD, ISAAC T. ET UX</b>		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 3843 CROUCH DR		Company NAIC Number
CITY NASHVILLE, TN	STATE TENNESSEE	ZIP CODE 37207
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 67 HAYNES MANOR SEC. 1		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary):		
LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ###.###" or ###.####")	HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type): _____ <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____	

<b>SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION</b>					
B1. FIP COMMUNITY NAME & COMMUNITY NUMBER 470040		B2. COUNTY NAME DAVIDSON		B3. STATE TENNESSEE	
B4. MAP AND PANEL NUMBER 47037C0204	B5. SUFFIX F	B6. FIRM INDEX DATE April 20, 2001	B7. FIRM PANEL EFFECTIVE/REVISED DATE - April 20, 2001	B8. FLOOD ZONE(S) AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 431.0
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9. FIS Profile <input type="checkbox"/> FIRM <input checked="" type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe):					
B11. Indicate the elevation datum used for the BFE in B9: <input checked="" type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 Other (Describe):					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date					

<b>SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)</b>	
C1. Building elevations are based on: Construction Drawings* Building Under Construction* <input checked="" type="checkbox"/> Finished Construction *A new Elevation Certificate will be required when construction of the building is complete.	
C2. Building Diagram Number (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.) 8	
C3. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO Complete items C3.a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion. Datum <u>NGVD29</u> Conversion/Comments _____ Elevation reference mark used <u>RM 204-1</u> Does the elevation reference mark used appear on the FIRM? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
o a) Top of bottom floor (including basement or enclosure)	<u>430.1</u> ft.(m)
o b) Top of next higher floor	ft.(m)
o c) Bottom of lowest horizontal structural member (V zones only)	ft.(m)
o d) Attached garage (top of slab)	ft.(m)
o e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area)	ft.(m)
o f) Lowest adjacent (finished) grade (LAG)	<u>428.1</u> ft.(m)
o g) Highest adjacent (finished) grade (HAG)	ft.(m)
o h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	
o i) Total area of all permanent openings (flood vents) in C3.h sq. in. (sq. cm)	



<b>SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION</b>			
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.			
CERTIFIER'S NAME Philip Grant Chapman	LICENSE NUMBER TN RLS 2007		
TITLE Survey Manager	COMPANY NAME Amec Earth & Environmental Inc		
ADDRESS 3800 Ezell Road, Suite 100	CITY Nashville	STATE TN	ZIP CODE 37211
SIGNATURE <i>Philip Grant Chapman</i>	DATE 05/21/2003	TELEPHONE 615-333-0630	

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			For Insurance Company Use:
BUILDING STREET ADDRESS (including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 3843 CROUCH DR			Policy Number
CITY NASHVILLE, TN	STATE TENNESSEE	ZIP CODE 37207	Company NAIC Number

**SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)**

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

COMMENTS

Check here if attachments

**SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)**

For Zone AO and Zone A (without BFE), complete items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

- E1. Building Diagram Number \_\_\_ (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)
- E2. The top of the bottom floor (including basement or enclosure) of the building is \_\_\_ ft.(m) \_\_\_ in.(cm)  above or  below (check one) the highest adjacent grade. (Use natural grade, if available).
- E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is \_\_\_ ft.(m) \_\_\_ in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.
- E4. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?  
 Yes  No  Unknown. The local official must certify this information in Section G.

**SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION**

The property owner or owner's authorized representative who completes Sections A, B, C (items C3.h and C3.i only), and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, C, and E are correct to the best of my knowledge.

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME

ADDRESS CITY STATE ZIP CODE

SIGNATURE DATE TELEPHONE

COMMENTS

Check here if attachments

**SECTION G - COMMUNITY INFORMATION (OPTIONAL)**

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

- G1.  The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2.  A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3.  The following information (items G4-G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED
-------------------	------------------------	---

G7. This permit has been issued for:  New Construction  Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building is:

\_\_\_ ft.(m) Datum: \_\_\_

G9. BFE or (in Zone AO) depth of flooding at the building site is:

\_\_\_ ft.(m) Datum: \_\_\_

LOCAL OFFICIAL'S NAME TITLE

COMMUNITY NAME TELEPHONE

SIGNATURE DATE

COMMENTS

Check here if attachments



ISAAC T. BURFORD ETUX  
3843 CROUCH DRIVE  
NASHVILLE, TN 37207

**Flood Mitigation Home Buyout Program  
Homeowner Interest Sign-up Sheet & Voluntary Notice**

If you are interested in exploring your options for reducing your flood losses by taking part in our Flood Mitigation Home Buyout Program, please complete this form. Signing the form does not commit you to any action, but if you do not sign and return this form, your property will NOT be considered for buyout in the Flood Mitigation Assistance Grant Program. Please direct questions concerning this program to (615) 862-4516 or (615) 862-4582.

Property Address: 3843 CROUCH DRIVE, NASHVILLE, TN 37207  
Owner(s) Mailing Address: 3843 CROUCH DRIVE, NASHVILLE, TN 37207  
Owner(s) Name: BURFORD, ISAAC T. ETUX  
Contact Phone Number:

**The local government is required by FEMA to inform you that your participation in this project for open-space acquisition is *voluntary*. Neither the *State* nor the *Local Government* will use its eminent domain authority to acquire the property for open-space purposes if you choose not to participate, or if negotiations fail. If you have flood insurance, please include your Flood Insurance Policy information, including your policy number.**

Mail the signed form to: Department of Water and Sewerage Services  
Stormwater Division - Flood Buyout Program  
800 Second Avenue South  
Nashville, TN 37210

**Check one:**

Yes, I want to be in the buyout program.

No, I do not want to be in the program.

Isaac T. Burford  
Owner's Signature

10-1-2018  
Date

Ruby H Burford  
Owner's Signature

10-1-2018  
Date

Ruby H Burford  
Owner's Signature

\_\_\_\_\_  
Date

DEPARTMENT OF HOMELAND SECURITY  
EMERGENCY PREPAREDNESS AND RESPONSE DIRECTORATE  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DECLARATION AND RELEASE**

**O.M.B. NO. 1660-0002**  
**Expires September 30, 2006**

**DECLARATION AND RELEASE**

In order to be eligible to receive FEMA Disaster Assistance, a member of the household must be a citizen, non-citizen national or qualified alien of the United States. Please read the form carefully, sign the sheet and return it to the Inspector, and show him/her a current form of photo identification. Please feel free to consult with an attorney or other immigration expert if you have any questions.

I hereby declare, under penalty of perjury that (check one):

- I am a citizen or non-citizen national of the United States.
- I am a qualified alien of the United States
- I am the parent or guardian of a minor child who resides with me and who is a citizen, non-citizen national, or qualified alien of the United States. Print full name and age of minor child: \_\_\_\_\_

By my signature I certify that:

- \* Only one application has been submitted for my household
- \* All information I have provided regarding my application for FEMA disaster assistance is true and correct to the best of my knowledge.
- \* I will return any disaster aid money I received from FEMA or that State if I receive insurance or other money for the same loss, or if I do not use FEMA disaster aid money for the purpose for which it was intended.

I understand that, if I intentionally make false statements or conceal any information in an attempt to obtain disaster aid, it is a violation of federal and State laws, which carry severe criminal and civil penalties, including a fine up to \$ 250,000, imprisonment, or both (18 U.S.C. §§ 287, 1001, and 3571).

I understand that, the information provided regarding my application for FEMA disaster assistance may be subject to sharing within the Department of Homeland Security (DHS) including, but not limited to, the Bureau of Immigration and Custom Enforcement.

I authorize FEMA to verify all information given by me about my property/place of residence, income, employment and dependents in order to determine my eligibility for disaster assistance; and

I authorize all custodians of records of my insurance employer, any public or private agency, bank financial or credit data service to release information to FEMA and/or the State upon request.

NAME (Print) ISAAC T. BURFORD ETUX	SIGNATURE <i>Isaac T. Burford</i>	DATE OF BIRTH 08 09 1939	DATE SIGNED 10-1-2018
INSPECTOR ID NO.	FEMA APPLICATION NO. PDM-2018-RL	DISASTER NO.	
ADDRESS OF DAMAGED PROPERTY 3843 CROUCH DRIVE	CITY NASHVILLE	STATE TN	ZIP CODE 37207

**PRIVACY ACT STATEMENT**

The Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. §§ 5121-5206, Executive Order 12148, as amended, and Title IV of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, 8 U.S.C. §§ 1601 et seq., authorize the collection of this information. The primary use of this information is to determine your eligibility to receive FEMA disaster assistance. Disclosures of this information may be made: Upon written request, to federal and state agencies providing disaster assistance, as well as to local governments or voluntary agencies from which you are seeking assistance, so that assistance efforts or benefits are not duplicated; to agencies, organizations and institutions as necessary for mitigation planning and enforcement; to law enforcement agencies or professional organizations where there may be a violation or potential violation of law; to a federal, state or local agency when we request information relevant to an Agency decision concerning issuance of a grant or other benefit, or in certain circumstances when a Federal agency requests such information for a similar purpose from us; to a Congressional office in response to an inquiry made at the request of the individual; to the Office of Management and Budget (OMB) in relation to private relief legislation under OMB Circular A-19; and to the National Archives and Records Administration in records management inspections conducted under the authority of 44 §§ 2904 and 2906. Your social security number is solicited during registration pursuant to the Debt Collection Improvement Act of 1996, 31 §§ 3325 (d) and 7701 (c)(1). Furnishing the social security number, as well as other information is voluntary, but failure to do so may delay or prevent provision of disaster assistance.

**PAPERWORK BURDEN DISCLOSURE NOTICE**

Public reporting burden for this form is estimated to average 2 minutes per response. The burden estimate includes the time for reviewing instructions, gathering data, and completing and submitting the form. You are not required to complete this collection of information unless a valid O.M.B. control number is displayed in the upper right corner of this form. Send comments regarding the accuracy of the burden and estimate and any suggestions for reducing the burden to: Information Collections Management, U.S. Department of Homeland Security, Emergency Preparedness and Response Directorate, Federal Emergency Management Agency, 500 C Street SW, Washington, DC 20472, Paperwork Reduction Project (1660-0002). NOTE: Do not send your completed form to this address.

**METROPOLITAN NASHVILLE – DAVIDSON COUNTY**

Property Checklist for Acquisition Projects

Applicant: ETTER, LA DONNA M. 3867 CROUCH DRIVE, NASHVILLE, TN  
 Property ID: # 2  
 TID: # HMGP-5159

<b>Checklist Questions</b>	<b>Yes</b>	<b>No</b>
<b>Individual Property Worksheets</b>		
Has Property ID been assigned?	✓	
Homeowner name included?	✓	
Is address a physical address? (No PO Boxes or Routes allowed)	✓	
Are all applicable costs to support the project included in the proposed cost to acquire the property? (i.e., tenant properties should have URA)	✓	
Has each property's worksheet been fully completed?	✓	
Is construction date of home older than effective date of FIRM?	✓	
<b>Environmental Clearances</b>		
State Historic Preservation	✓	
Fish and Wildlife	✓	
Tennessee Wildlife Resources		
Corps of Engineers	✓	
NPDES – Environment and Conservation (Environmental Assistance Centers)	✓	
Department of Agriculture (National Resources Conservation Service)		N/A
Hazardous and Toxic Materials (if commercial property)		N/A
Environmental Justice (If applicable)		N/A
Stormwater Permit (If applicable)		N/A
<b>Maps and Other Attachments</b>		
FIRM or FHBM	✓	
City or County Scale Map	✓	
USGS 2:24,000 Topo Map	✓	
Parcel Map	✓	
Photographs	✓	
Elevation Certificate	✓	
Substantial Damage Report		N/A
Letter of Intent	✓	
Declaration and Release (FEMA Form 90-69B)	✓	
<b>Benefit Cost Data: Full Data Module</b>		
Is all information requested for full data module supplied?		N/A
Is there a copy of the relevant parts of the FIS to support streambed elevation, stream elevation and discharge?		N/A
<b>Benefit Cost Data: Damage Frequency Assessment</b>		
Is all information requested for the damage frequency assessment module supplied?		N/A
Is source and documentation for level of event supplied?		N/A
Is supporting documentation included for costs claimed on each event?		N/A

## PROPERTY WORKSHEETS

1. Property ID:	<b>2</b>
2. Property Owner:	ETTER, LA DONNA M.
3. Property Address: (No PO or Route No)	3867 CROUCH DRIVE
4. City, State, Zip Code:	NASHVILLE, TN 37207
5. Tax Parcel ID:	059 14 0 241.00
6. Property Tax ID:	
7. Latitude:	36.220344
8. Longitude:	-86.819124
<b>Property Data</b>	
9. Property owner have flood insurance?	Yes
10. If Yes, Insurance Policy Provider:	
11. If Yes, NFIP Policy Number:	
12. Repetitive Loss Number:	
13. Is property in a...:	
14. Flood Zone Designation:	
15. Panel Number of FIRM used to determine the above:	
16. Date of FIRM:	
17. Construction Date of Structure:	1974
18. Building Type:	1-story w/o basement
19. Construction Type:	Wood Frame
20. Foundation of Building:	Crawl Space
21. Type of Residency:	Owner Occupied - Principal Residence
22. If Rental, how many units are occupied?	N/A
23. If Rental, tenant names:	N/A
24. If property is a critical facility, what type?	N/A
25. Any historic building controls (easements, etc.)?	No
26. Percent of structure's damage:	50-99%
27. How many times has the property flooded?	2-3 insured losses cumulatively = < than building fair market value
28. What is the source of flooding?	Rivering Flooding
<b>Proposed Cost to Acquire Property</b>	
29. Appraisal	\$ 500.00
30. Fair Market Value	\$ 125,550.00
31. Closing Cost/Legal Fees	\$ 2,000.00
32. Demolition (including EAS & Abatement)	\$ 30,000.00
33. Uniform Relocation Assistance	\$ -
34. Comparable Housing	\$ -
35. Other (specify): Termination Water & Sewer	\$ 2,500.00
36. Total of 29-35:	\$ 160,550.00
37. Program Income:	
38. Duplication of Benefits:	
39. Total of 37-38:	\$ -
40. Total Cost to Acquire Property:	<b>\$ 160,550.00</b>
<b>Attach the following:</b>	
41. Pictures showing front, back and side view.	Yes
42. Elevation Certificate	Yes
43. Hazardous Materials Certification	Will be provided when project is closed out
44. Signed Notice of Voluntary Interest:	Yes
<b>Benefit Cost Analysis Data</b>	
Only one of the following Benefit Cost Analysis sections must be completed. The Full Data Module requires data from the NFIP's Flood Insurance Study and surveying. The Damage Frequency Assessment requires gathering damage information from the property residents. Also, if the Damage Frequency Assessment is chosen, there must be at least three events information.	

**3867 Crouch Drive**

This structure is NOT slab on grade, it has a crawl space therefore there will be no ground disturbance for the foot print of the structure itself.

The property does have a sidewalk and driveway. During demolition the ground disturbance should be between 3 inches to 6 inches. Once the sidewalk and driveway are removed Metro will fill and grade the area that has the disturbance. This is something that Metro ALWAYS does.

Metropolitan Government of Nashville & Davidson County uses the assessed value on the property tax card and we multiply that by 35%. We add the assessed value on the property tax card and the 35% to get the estimated acquisition cost for each property. Upon approval of our grant application Metropolitan Government of Nashville & Davidson County will obtain an appraisal for the true Fair Market Value.

We have used this methodology for years when applying for Mitigation funded grants.

<b>3867 CROUCH DRIVE</b>	
Tax Card Value	\$ 93,000.00
Cushion of (x 35%)	\$ 32,550.00
<b>Estimated Market Value</b>	<b>\$ 125,550.00</b>

I hope the examples shown above, adequately explains the methodology of how we assess the estimated acquisition costs for each property.

Davidson County, TN  
 Assessor of Property

Unofficial Property Record Card

**GENERAL PROPERTY INFORMATION**

**Map & Parcel:** 059 10 0 241.00  
**Current Owner:** ETTER, LA DONNA M.  
**Mailing Address:** 3867 CROUCH DR  
 NASHVILLE, TN 37207  
**Zone:** 4  
**Neighborhood:** 3533

**Location:** 3867 CROUCH DR  
**Land Area:** 0.20 Acres  
**Most Recent Sale Date:** 06/27/2005  
**Most Recent Sale Price:** \$0  
**Deed Reference:** 20050707-0078647  
**Tax District:** USD

**CURRENT PROPERTY APPRASIAL**

**Assessment Year:** 2018  
**Land Value:** \$29,000  
**Improvement Value:** \$64,000  
**Total Appraisal Value:** \$93,000

**Assessment Classification\*:** RES  
**Assessment Land:** \$7,250  
**Assessment Improvement:** \$16,000  
**Assessment Total:** \$23,250

**LEGAL DESCRIPTION**

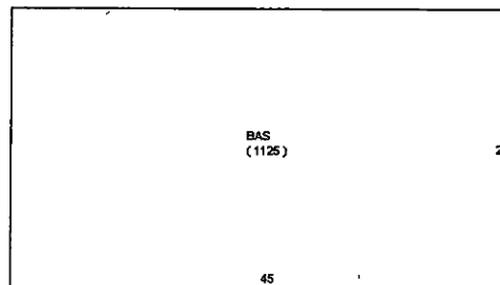
LOT 586 HAYNES MANOR SEC. 5

**IMPROVEMENT ATTRIBUTES - Card 1 of 1**

**Building Type:** SINGLE  
 FAM  
**Year Built:** 1974  
**Square Footage:** 1,125  
**Number of Living Units:** 1  
**Building Grade:** C  
**Building Condition:**  
 Average

**Rooms:** 5  
**Beds:** 3  
**Baths:** 1  
**Half Bath:** 0  
**Fixtures:** 5

**Exterior Wall:** BRICK  
**Frame Type:** RESD  
 FRAME  
**Story Height:** ONE STY  
**Foundation Type:** CRAWL  
**Roof Cover:** ASPHALT



\*This classification is for assessment purposes only and is not a zoning designation, nor does it speak to the legality of the current use of the subject property.

To find the latitude and longitude of a point you can do any of the following...



- 1. Press and Hold the Shift Key then Click on the point on the map.
- 2. Drag the red marker.
- 3. Enter the Address

### Latitude and Longitude of a Point



#### Get the Latitude and Longitude of a Point

When you click on the map, move the marker or enter an address the latitude and longitude coordinates of the point are inserted in the boxes below.

Latitude:

Longitude:

	Degrees	Minutes	Seconds
Latitude:	<input type="text" value="36"/>	<input type="text" value="13"/>	<input type="text" value="13.2378"/>
Longitude:	<input type="text" value="-86"/>	<input type="text" value="49"/>	<input type="text" value="8.8464"/>

#### Show Point from Latitude and Longitude

Use this if you know the latitude and longitude coordinates of a point and want to see where on the map the point is.

Use: + for N Lat or E Long - for S Lat or W Long.

Example: +40.689060 -74.044636

Note: Your entry should not have any embedded spaces.

Decimal Deg. Latitude:

Decimal Deg. Longitude:

Example: +34 40 50.12 for 34N 40' 50.12"

	Degrees	Minutes	Seconds
Latitude:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Longitude:	<input type="text"/>	<input type="text"/>	<input type="text"/>



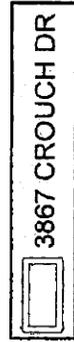
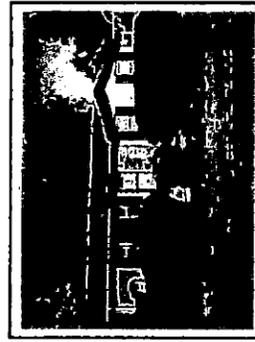
**NFIP** NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0227H

**FIRM**  
 FLOOD INSURANCE RATE MAP  
 METROPOLITAN GOVERNMENT OF  
 NASHVILLE AND  
 DAVIDSON COUNTY,  
 TENNESSEE  
 AND INCORPORATED AREAS

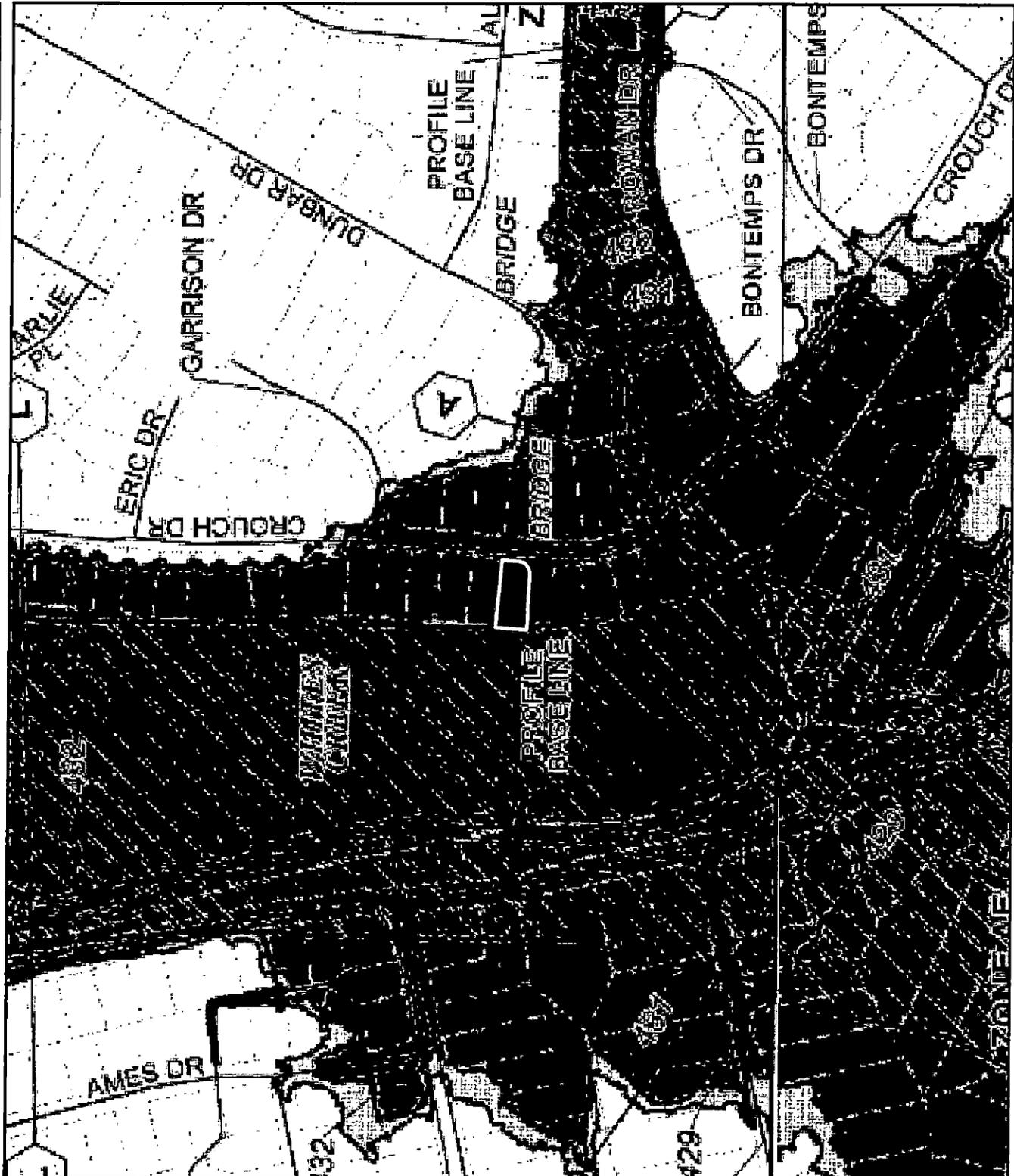
PANEL 227 OF 478  
 USE MAP INDEX FOR FIRM PANEL LAYOUT  
 CONTAINS:  
 COMMUNITY NUMBER: 84682  
 COUNTY: DAVIDSON COUNTY  
 STATE: TENNESSEE  
 FEDERAL AGENCY: FEDERAL EMERGENCY MANAGEMENT AGENCIES

MAP NUMBER  
 47037C0227H  
 MAP REVISED  
 APRIL 5, 2017

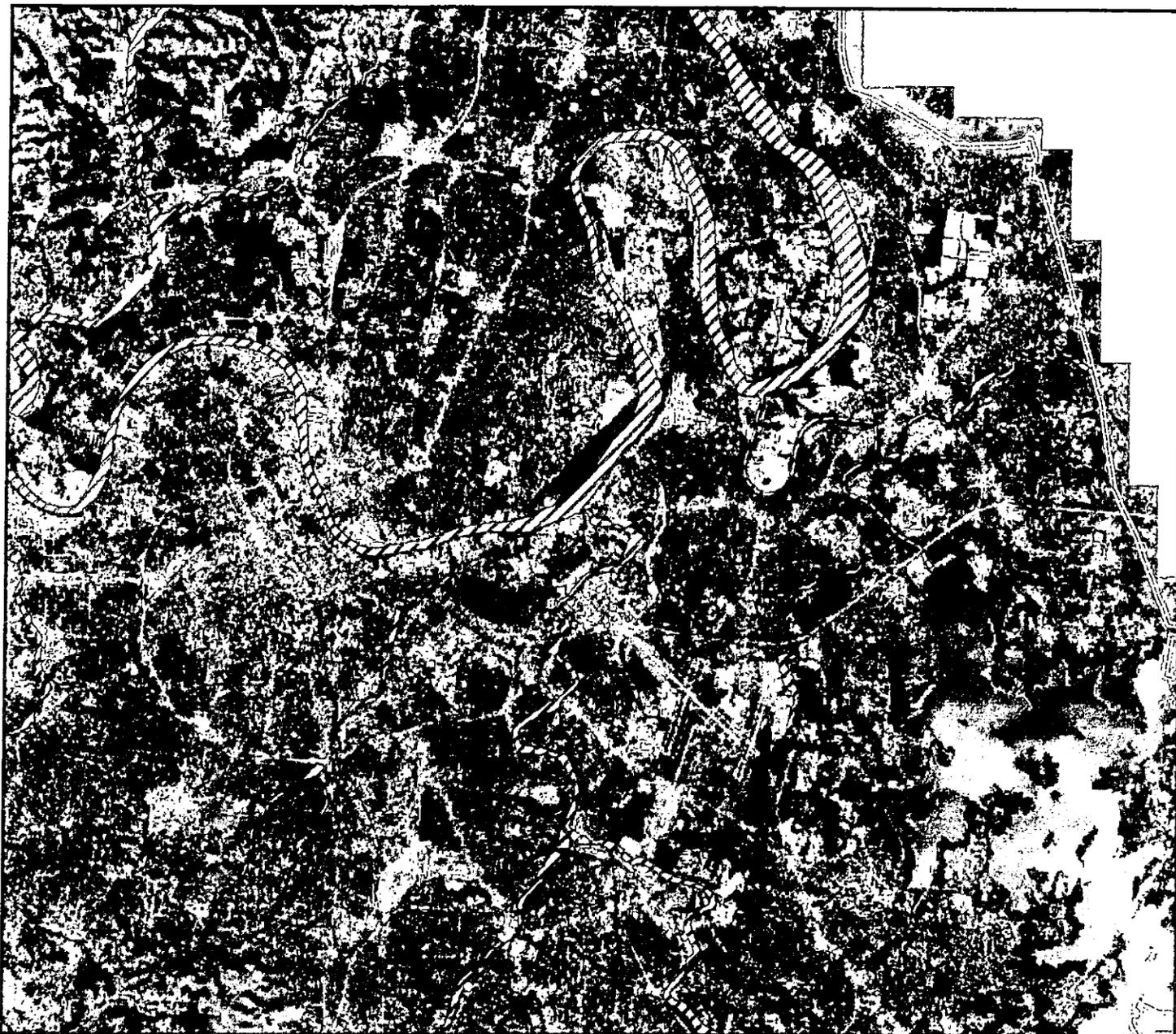


450 Feet

3867 CROUCH DRIVE



# Repetitive Loss Properties



-  PROPERTIES
-  FLOODWAY
-  Davidson County



Repetitive Loss Properties



24,000

Feet





# 3867 CROUCH DRIVE



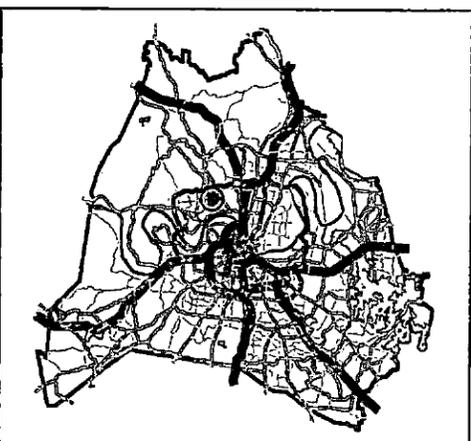
-  10FT CONTOURS
-  BUILDING FOOTPRINTS
-  3867 CROUCH DR
-  WATER BODIES
-  PARCELS
-  FLOODWAY
-  FLOODPLAIN

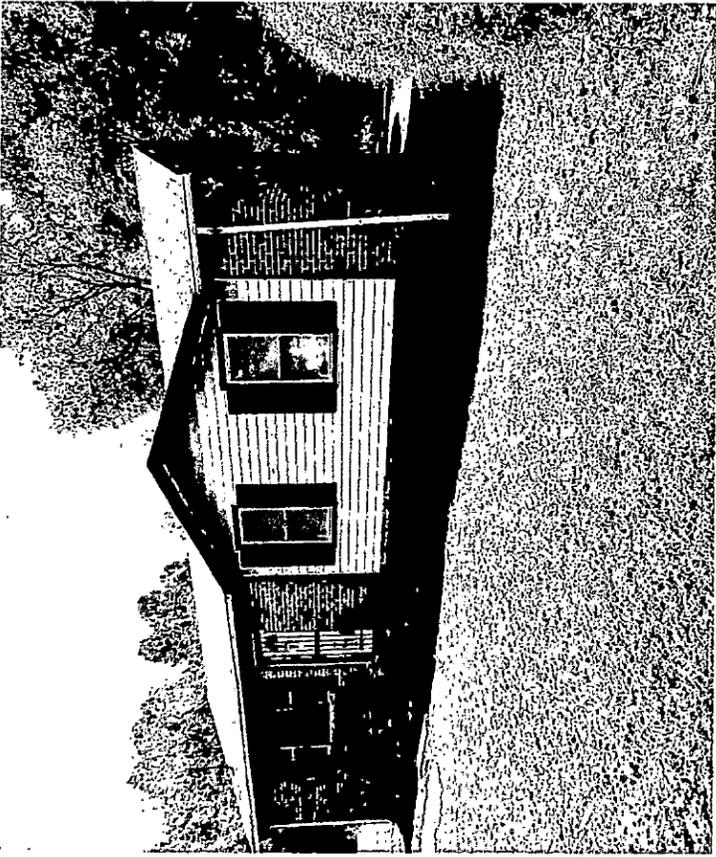
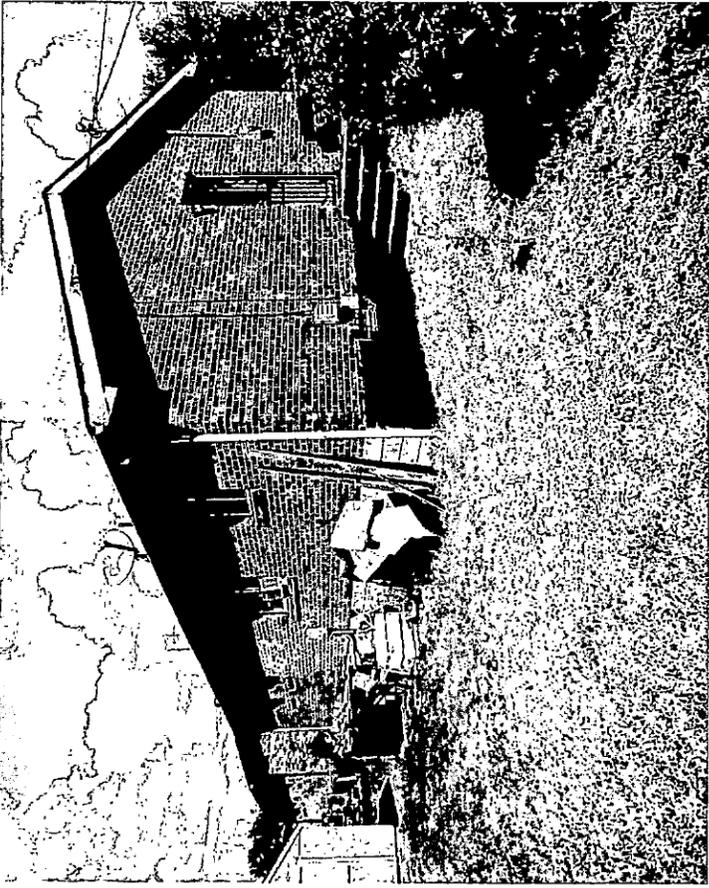


PARCEL NO: 05910024100

ETTER, LA DONNA M.

LATITUDE: -86.819025      LONGITUDE: 36.220339





**3867 Crouch Drive  
Nashville, TN 37207  
Parcel # 059 14 0 241.00  
36.220344  
-86.819124**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077  
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

Stanpar: 05910024100

<b>SECTION A - PROPERTY OWNER INFORMATION</b>		For Insurance Company Use:	
BUILDING OWNER'S NAME <b>WILLIAMS, LADONNA M.</b>		Policy Number	
BUILDING STREET ADDRESS (including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 3867 CROUCH DR		Company NAIC Number	
CITY NASHVILLE, TN	STATE TENNESSEE	ZIP CODE 37207	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 586 HAYNES MANOR SEC. 5			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.)			
LATITUDE/LONGITUDE (OPTIONAL) (##°-##'-###" or ##.#####)		HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type): _____ <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____	

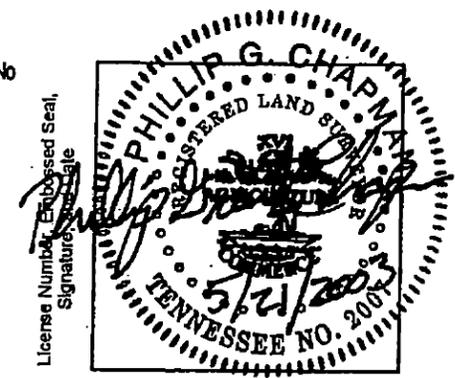
<b>SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION</b>					
B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER 470040		B2. COUNTY NAME DAVIDSON		B3. STATE TENNESSEE	
B4. MAP AND PANEL NUMBER 47037C0202	B5. SUFFIX F	B6. FIRM INDEX DATE April 20, 2001	B7. FIRM PANEL EFFECTIVE/REVISED DATE April 20, 2001	B8. FLOOD ZONE(S) AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 431.4

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.  
FIS Profile  FIRM  Community Determined  Other (Describe): \_\_\_\_\_

B11. Indicate the elevation datum used for the BFE in B9:  NGVD 1929  NAVD 1988  Other (Describe): \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  Yes  No Designation Date \_\_\_\_\_

<b>SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)</b>	
C1. Building elevations are based on: Construction Drawings* Building Under Construction* <input checked="" type="checkbox"/> Finished Construction *A new Elevation Certificate will be required when construction of the building is complete.	
C2. Building Diagram Number (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.) B	
C3. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, ARIA, ARIAE, AR/A1-A30, AR/AH, AR/AO Complete items C3-a-i below according to the building diagram specified in item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion. Datum <u>NGVD29</u> Conversion/Comments _____	
Elevation reference mark used <u>RM 204-1</u> Does the elevation reference mark used appear on the FIRM? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
a) Top of bottom floor (including basement or enclosure)	<u>428.6</u> ft.(m)
b) Top of next higher floor	ft.(m)
c) Bottom of lowest horizontal structural member (V zones only)	ft.(m)
d) Attached garage (top of slab)	ft.(m)
e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area)	ft.(m)
f) Lowest adjacent (finished) grade (LAG)	<u>428.8</u> ft.(m)
g) Highest adjacent (finished) grade (HAG)	ft.(m)
h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	
i) Total area of all permanent openings (flood vents) in C3.h sq. in. (sq. cm)	



<b>SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION</b>			
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.			
CERTIFIER'S NAME Phillip Grant Chapman	LICENSE NUMBER TN RLS 2007		
TITLE Survey Manager	COMPANY NAME Amec Earth & Environmental Inc		
ADDRESS 3800 Ezell Road, Suite 100	CITY Nashville	STATE TN	ZIP CODE 37211
SIGNATURE <i>Phillip Grant Chapman</i>	DATE 05/21/2003	TELEPHONE 615-333-0630	

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			For Insurance Company Use:
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 3867 CROUCH DR			Policy Number
CITY NASHVILLE, TN	STATE TENNESSEE	ZIP CODE 37207	Company NAIC Number

**SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)**

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.  
COMMENTS

Check here if attachments

**SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)**

For Zone AO and Zone A (without BFE), complete items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

- E1. Building Diagram Number \_\_\_ (Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)
- E2. The top of the bottom floor (including basement or enclosure) of the building is \_\_\_ ft.(m) \_\_\_ in.(cm)  above or  below (check one) the highest adjacent grade. (Use natural grade, if available).
- E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is \_\_\_ ft.(m) \_\_\_ in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.
- E4. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?  
 Yes  No  Unknown. The local official must certify this information in Section G.

**SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION**

The property owner or owner's authorized representative who completes Sections A, B, C (items C3.h and C3.i only), and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, C, and E are correct to the best of my knowledge.

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME \_\_\_\_\_

ADDRESS _____	CITY _____	STATE _____	ZIP CODE _____
SIGNATURE _____	DATE _____	TELEPHONE _____	

COMMENTS \_\_\_\_\_

Check here if attachments

**SECTION G - COMMUNITY INFORMATION (OPTIONAL)**

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

- G1.  The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2.  A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3.  The following information (items G4-G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER _____	G5. DATE PERMIT ISSUED _____	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED _____
-------------------------	------------------------------	---

- G7. This permit has been issued for:  New Construction  Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building is: \_\_\_\_\_ ft.(m) Datum: \_\_\_\_\_
- G9. BFE or (in Zone AO) depth of flooding at the building site is: \_\_\_\_\_ ft.(m) Datum: \_\_\_\_\_

LOCAL OFFICIAL'S NAME _____	TITLE _____
COMMUNITY NAME _____	TELEPHONE _____
SIGNATURE _____	DATE _____

COMMENTS \_\_\_\_\_

Check here if attachments



LA DONNA M. ETTER  
3867 CROUCH DRIVE  
NASHVILLE, TN 37207

**Flood Mitigation Home Buyout Program  
Homeowner Interest Sign-up Sheet & Voluntary Notice**

If you are interested in exploring your options for reducing your flood losses by taking part in our Flood Mitigation Home Buyout Program, please complete this form. Signing the form does not commit you to any action, but if you do not sign and return this form, your property will NOT be considered for buyout in the Flood Mitigation Assistance Grant Program. Please direct questions concerning this program to (615) 862-4516 or (615) 862-4582.

Property Address: 3867 CROUCH DRIVE, NASHVILLE, TN 37207  
Owner(s) Mailing Address: 3867 CROUCH DRIVE, NASHVILLE, TN 37207  
Owner(s) Name: ETTER, LA DONNA M.  
Contact Phone Number:

**The local government is required by FEMA to inform you that your participation in this project for open-space acquisition is voluntary. Neither the State nor the Local Government will use its eminent domain authority to acquire the property for open-space purposes if you choose not to participate, or if negotiations fail. If you have flood insurance, please include your Flood Insurance Policy information, including your policy number.**

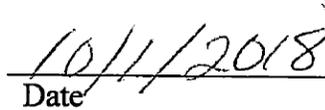
Mail the signed form to: Department of Water and Sewerage Services  
Stormwater Division - Flood Buyout Program  
800 Second Avenue South  
Nashville, TN 37210

**Check one:**

Yes, I want to be in the buyout program.

No, I do not want to be in the program.

  
Owner's Signature

  
Date

\_\_\_\_\_  
Owner's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Owner's Signature

\_\_\_\_\_  
Date

DEPARTMENT OF HOMELAND SECURITY  
EMERGENCY PREPAREDNESS AND RESPONSE DIRECTORATE  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DECLARATION AND RELEASE**

**O.M.B. NO. 1660-0002**  
**Expires September 30, 2006**

**DECLARATION AND RELEASE**

In order to be eligible to receive FEMA Disaster Assistance, a member of the household must be a citizen, non-citizen national or qualified alien of the United States. Please read the form carefully, sign the sheet and return it to the Inspector, and show him/her a current form of photo identification. Please feel free to consult with an attorney or other immigration expert if you have any questions.

I hereby declare, under penalty of perjury that (check one):

- I am a citizen or non-citizen national of the United States.
- I am a qualified alien of the United States
- I am the parent or guardian of a minor child who resides with me and who is a citizen, non-citizen national, or qualified alien of the United States. Print full name and age of minor child: \_\_\_\_\_

By my signature I certify that:

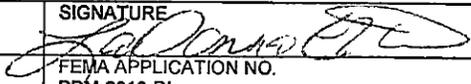
- \* Only one application has been submitted for my household
- \* All information I have provided regarding my application for FEMA disaster assistance is true and correct to the best of my knowledge.
- \* I will return any disaster aid money I received from FEMA or that State if I receive insurance or other money for the same loss, or if I do not use FEMA disaster aid money for the purpose for which it was intended.

I understand that, if I intentionally make false statements or conceal any information in an attempt to obtain disaster aid, it is a violation of federal and State laws, which carry severe criminal and civil penalties, including a fine up to \$ 250,000, imprisonment, or both (18 U.S.C. §§ 287, 1001, and 3571).

I understand that, the information provided regarding my application for FEMA disaster assistance may be subject to sharing within the Department of Homeland Security (DHS) including, but not limited to, the Bureau of Immigration and Custom Enforcement.

I authorize FEMA to verify all information given by me about my property/place of residence, income, employment and dependents in order to determine my eligibility for disaster assistance; and

I authorize all custodians of records of my insurance employer, any public or private agency, bank financial or credit data service to release information to FEMA and/or the State upon request.

NAME (Print) LA DONNA M. ETTER	SIGNATURE 	DATE OF BIRTH 12/4/1972	DATE SIGNED 10/1/2018
INSPECTOR ID NO.	FEMA APPLICATION NO. PDM-2018-RL	DISASTER NO.	
ADDRESS OF DAMAGED PROPERTY 3867 CROUCH DRIVE	CITY NASHVILLE	STATE TN	ZIP CODE 37207

**PRIVACY ACT STATEMENT**

The Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. §§ 5121-5206, Executive Order 12148, as amended, and Title IV of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, 8 U.S.C. §§ 1601 et seq., authorize the collection of this information. The primary use of this information is to determine your eligibility to receive FEMA disaster assistance. Disclosures of this information may be made: Upon written request, to federal and state agencies providing disaster assistance, as well as to local governments or voluntary agencies from which you are seeking assistance, so that assistance efforts or benefits are not duplicated; to agencies, organizations and institutions as necessary for mitigation planning and enforcement; to law enforcement agencies or professional organizations where there may be a violation or potential violation of law; to a federal, state or local agency when we request information relevant to an Agency decision concerning issuance of a grant or other benefit, or in certain circumstances when a Federal agency requests such information for a similar purpose from us; to a Congressional office in response to an inquiry made at the request of the individual; to the Office of Management and Budget (OMB) in relation to private relief legislation under OMB Circular A-19; and to the National Archives and Records Administration in records management inspections conducted under the authority of 44 §§ 2904 and 2906. Your social security number is solicited during registration pursuant to the Debt Collection Improvement Act of 1996, 31 §§ 3325 (d) and 7701 (c)(1). Furnishing the social security number, as well as other information is voluntary, but failure to do so may delay or prevent provision of disaster assistance.

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**- METROPOLITAN NASHVILLE – DAVIDSON COUNTY**

Property Checklist for Acquisition Projects

Applicant: PAMELA SAYLOR 4937 SHADOWLAWN DRIVE, HERMITAGE, TN  
 Property ID: # 3  
 TID: # HMGP-5159

<b>Checklist Questions</b>	<b>Yes</b>	<b>No</b>
<b>Individual Property Worksheets</b>		
Has Property ID been assigned?	✓	
Homeowner name included?	✓	
Is address a physical address? (No PO Boxes or Routes allowed)	✓	
Are all applicable costs to support the project included in the proposed cost to acquire the property? (i.e., tenant properties should have URA)	✓	
Has each property's worksheet been fully completed?	✓	
Is construction date of home older than effective date of FIRM?	✓	
<b>Environmental Clearances</b>		
State Historic Preservation	✓	
Fish and Wildlife	✓	
Tennessee Wildlife Resources		
Corps of Engineers	✓	
NPDES – Environment and Conservation (Environmental Assistance Centers)	✓	
Department of Agriculture (National Resources Conservation Service)		N/A
Hazardous and Toxic Materials (if commercial property)		N/A
Environmental Justice (If applicable)		N/A
Stormwater Permit (If applicable)		N/A
<b>Maps and Other Attachments</b>		
FIRM or FHBM	✓	
City or County Scale Map	✓	
USGS 2:24,000 Topo Map	✓	
Parcel Map	✓	
Photographs	✓	
Elevation Certificate	✓	
Substantial Damage Report		N/A
Letter of Intent	✓	
Declaration and Release (FEMA Form 90-69B)	✓	
<b>Benefit Cost Data: Full Data Module</b>		
Is all information requested for full data module supplied?		N/A
Is there a copy of the relevant parts of the FIS to support streambed elevation, stream elevation and discharge?		N/A
<b>Benefit Cost Data: Damage Frequency Assessment</b>		
Is all information requested for the damage frequency assessment module supplied?		N/A
Is source and documentation for level of event supplied?		N/A
Is supporting documentation included for costs claimed on each event?		N/A

# PROPERTY WORKSHEETS

1. Property ID: <b>ALTERNATE PROPERTY</b>	<b>3</b>
2. Property Owner:	PAMELA SAYLOR
3. Property Address: (No PO or Route No)	4937 SHADOWLAWN DRIVE
4. City, State, Zip Code:	HERMITAGE, TN 37076
5. Tax Parcel ID:	076 05 0 048.00
6. Property Tax ID:	
7. Latitude:	36.206897
8. Longitude:	-86.584725

## Property Data

9. Property owner have flood insurance?	Yes
10. If Yes, Insurance Policy Provider:	
11. If Yes, NFIP Policy Number:	
12. Repetitive Loss Number:	
13. Is property in a...:	
14. Flood Zone Designation:	
15. Panel Number of FIRM used to determine the above:	
16. Date of FIRM:	
17. Construction Date of Structure:	1977
18. Building Type:	1-story w/o basement
19. Construction Type:	Wood Frame
20. Foundation of Building:	Crawl Space
21. Type of Residency:	Owner Occupied - Principal Residence
22. If Rental, how many units are occupied?	N/A
23. If Rental, tenant names:	N/A
24. If property is a critical facility, what type?	N/A
25. Any historic building controls (easements, etc.)?	No
26. Percent of structure's damage:	1-49%
27. How many times has the property flooded?	2-3 insured losses cumulatively = < than building fair market value
28. What is the source of flooding?	Rivering Flooding

## Proposed Cost to Acquire Property

29. Appraisal	\$	500.00
30. Fair Market Value	\$	180,900.00
31. Closing Cost/Legal Fees	\$	2,000.00
32. Demolition (including EAS & Abatement)	\$	30,000.00
33. Uniform Relocation Assistance	\$	-
34. Comparable Housing	\$	-
35. Other (specify): Termination Water & Sewer	\$	2,500.00
36. Total of 29-35:	\$	215,900.00
37. Program Income:	\$	-
38. Duplication of Benefits:	\$	-
39. Total of 37-38:	\$	-
40. Total Cost to Acquire Property:	\$	<b>215,900.00</b>

## Attach the following:

41. Pictures showing front, back and side view.	Yes
42. Elevation Certificate	Yes
43. Hazardous Materials Certification	Will be provided when project is closed out
44. Signed Notice of Voluntary Interest:	Yes

## Benefit Cost Analysis Data

Only one of the following Benefit Cost Analysis sections must be completed. The Full Data Module requires data from the NFIP's Flood Insurance Study and surveying. The Damage Frequency Assessment requires gathering damage information from the property residents. Also, if the Damage Frequency Assessment is chosen, there must be at least three events information.

**4937 Shadowlawn Drive**

This structure is NOT slab on grade, it has a crawl space therefore there will be no ground disturbance for the foot print of the structure itself.

The property does have a sidewalk and driveway. During demolition the ground disturbance should be between 3 inches to 6 inches. Once the sidewalk and driveway are removed Metro will fill and grade the area that has the disturbance. This is something that Metro ALWAYS does.

Metropolitan Government of Nashville & Davidson County uses the assessed value on the property tax card and we multiply that by 35%. We add the assessed value on the property tax card and the 35% to get the estimated acquisition cost for each property. Upon approval of our grant application Metropolitan Government of Nashville & Davidson County will obtain an appraisal for the true Fair Market Value.

We have used this methodology for years when applying for Mitigation funded grants.

<b>4937 Shawdowlawn Drive</b>	
Tax Card Value	\$ 134,000.00
Cushion of (x 35%)	\$ 46,900.00
<b>Estimated Market Value</b>	<b>\$ 180,900.00</b>

I hope the examples shown above, adequately explains the methodology of how we assess the estimated acquisition costs for each property.

Davidson County, TN  
Assessor of Property

Unofficial Property Record Card

GENERAL PROPERTY INFORMATION

**Map & Parcel:** 076 05 0 048.00  
**Current Owner:** SAYLOR, PAMELA  
**Mailing Address:** 4937 SHADOWLAWN DR  
HERMITAGE, TN 37076  
**Zone:** 7  
**Neighborhood:** 6229

**Location:** 4937 SHADOWLAWN DR  
**Land Area:** 0.27 Acres  
**Most Recent Sale Date:** 02/23/2006  
**Most Recent Sale Price:** \$114,900  
**Deed Reference:** 20060301-0023680  
**Tax District:** GSD

CURRENT PROPERTY APPRASIAL

**Assessment Year:** 2018  
**Land Value:** \$27,000  
**Improvement Value:** \$107,000  
**Total Appraisal Value:** \$134,000

**Assessment Classification\*:** RES  
**Assessment Land:** \$6,750  
**Assessment Improvement:** \$26,750  
**Assessment Total:** \$33,500

LEGAL DESCRIPTION

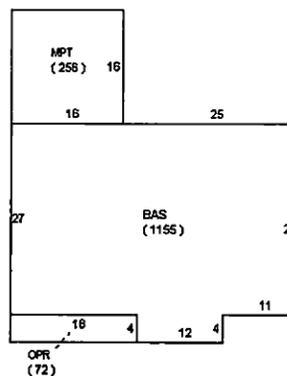
LOT 45 HIDDEN HILL SUB

IMPROVEMENT ATTRIBUTES - Card 1 of 1

**Building Type:** SINGLE  
FAM  
**Year Built:** 1977  
**Square Footage:** 1,155  
**Number of Living Units:** 1  
**Building Grade:** C  
**Building Condition:**  
Average

**Rooms:** 5  
**Beds:** 3  
**Baths:** 1  
**Half Bath:** 1  
**Fixtures:** 7

**Exterior Wall:** BRICK  
**Frame Type:** RESD  
FRAME  
**Story Height:** ONE STY  
**Foundation Type:** CRAWL  
**Roof Cover:** ASPHALT



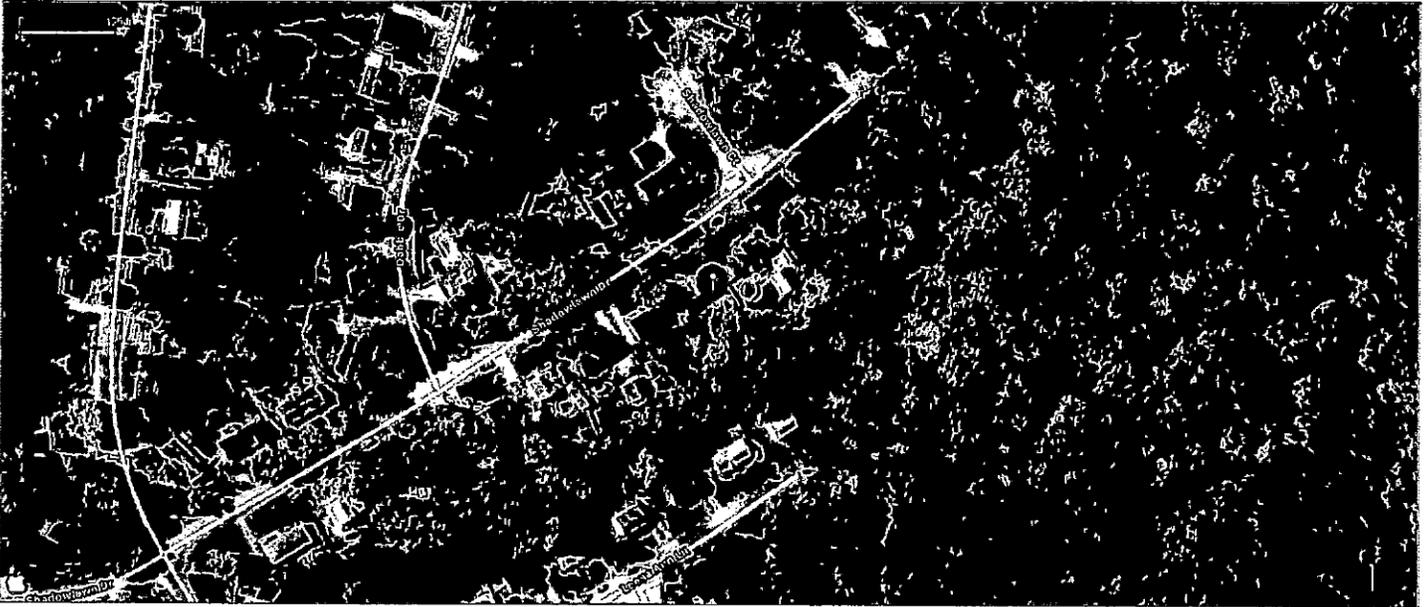
\*This classification is for assessment purposes only and is not a zoning designation, nor does it speak to the legality of the current use of the subject property.

To find the latitude and longitude of a point you can do any of the following...



1. Press and Hold the Shift Key then Click on the point on the map.
2. Drag the red marker.
3. Enter the Address

### Latitude and Longitude of a Point



**Get the Latitude and Longitude of a Point**

When you click on the map, move the marker or enter an address the latitude and longitude coordinates of the point are inserted in the boxes below.

Latitude:

Longitude:

	Degrees	Minutes	Seconds
Latitude:	<input type="text" value="36"/>	<input type="text" value="12"/>	<input type="text" value="24.8286"/>
Longitude:	<input type="text" value="-86"/>	<input type="text" value="35"/>	<input type="text" value="5.01"/>

**Show Point from Latitude and Longitude**

Use this if you know the latitude and longitude coordinates of a point and want to see where on the map the point is.  
 Use: + for N Lat or E Long - for S Lat or W Long.  
 Example: +40.689060 -74.044636  
 Note: Your entry should not have any embedded spaces.

Decimal Deg. Latitude:

Decimal Deg. Longitude:

Example: +34 40 50.12 for 34N 40' 50.12"

	Degrees	Minutes	Seconds
Latitude:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Longitude:	<input type="text"/>	<input type="text"/>	<input type="text"/>



# Repetitive Loss Properties



-  PROPERTIES
-  FLOODWAY
-  Davidson County



Repetitive Loss Properties

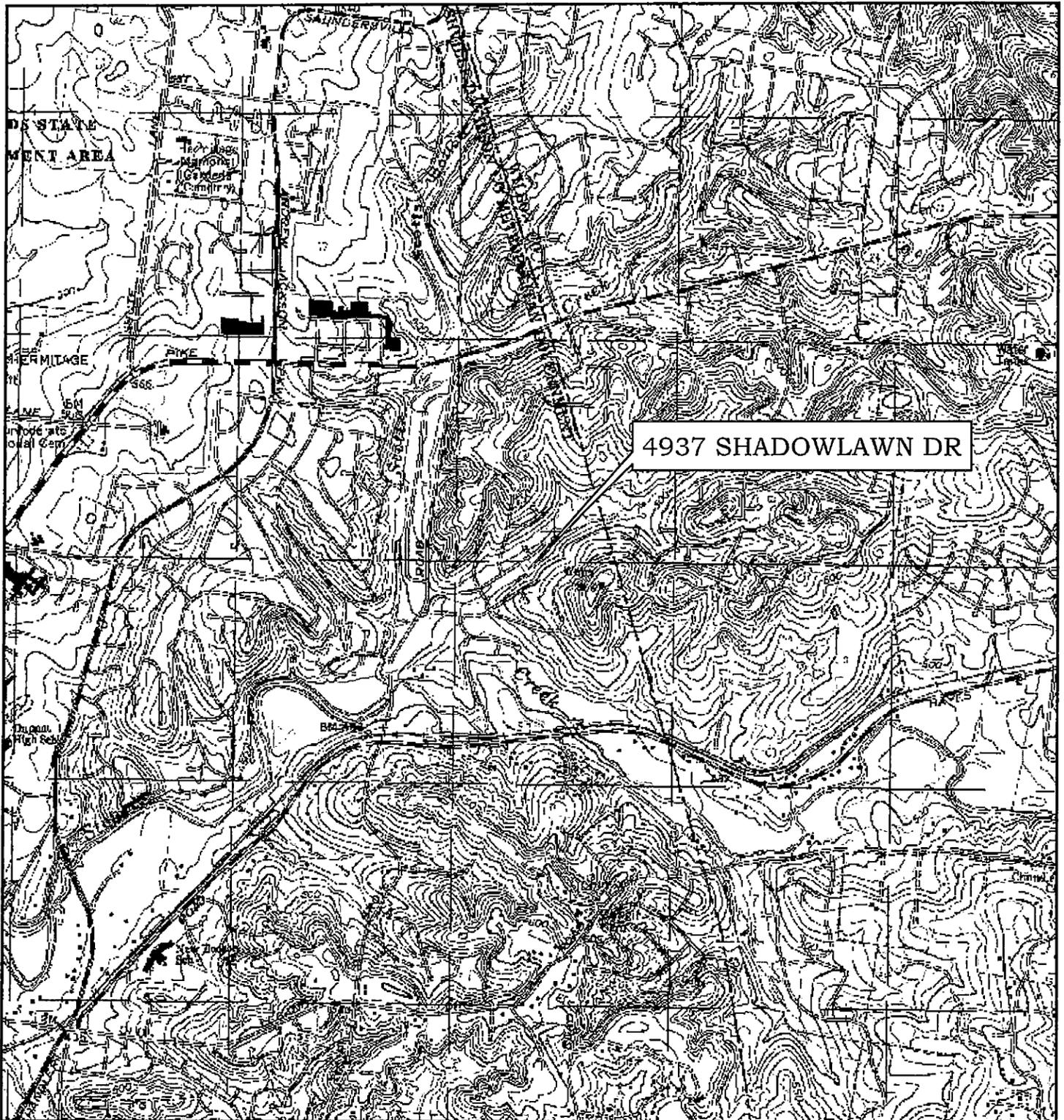


24,000

Feet



# 4937 SHADOWLAWN DRIVE



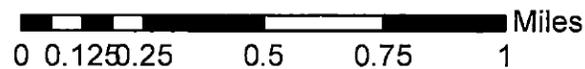
4937 SHADOWLAWN DR



PARCEL NO: 07605004800

SAYLOR, PAMELA

LATITUDE: -86.584809 LONGITUDE: 36.206936



# 4937 SHADOWLAWN DRIVE



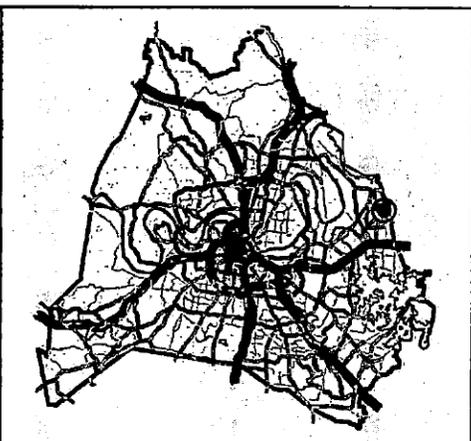
-  10FT CONTOURS
-  BUILDING FOOTPRINTS
-  4937 SHADOWLAWN DR
-  WATER BODIES
-  PARCELS
-  FLOODWAY
-  FLOODPLAIN

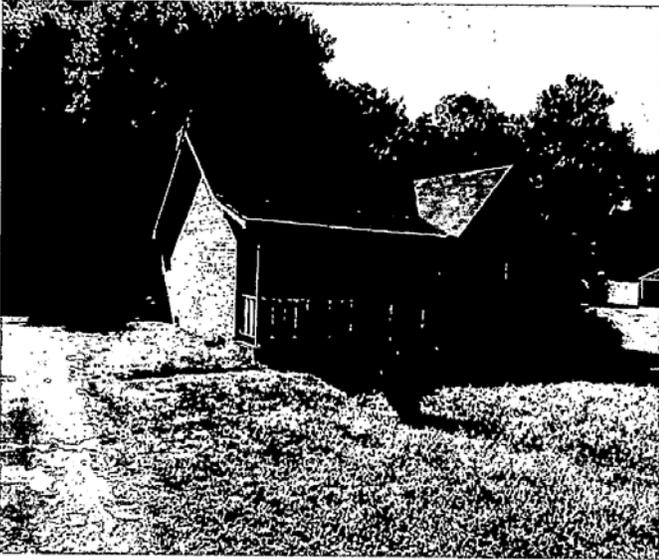


PARCEL NO: 07605004800

SAYLOR, PAMELA

LATITUDE: -86.584809      LONGITUDE: 36.206936





**4937 Shadowlawn Drive  
Hermitage, TN 37076  
Parcel # 076 05 0 048.00  
36.206897  
-86.584725**



PAMELA SAYLOR  
4937 SHADOWLAWN DRIVE  
HERMITAGE, TN 37076

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Property Address: 4937 SHADOWLAWN DRIVE, HERMITAGE, TN 37076  
Owner(s) Mailing Address: 4937 SHADOWLAWN DRIVE, HERMITAGE, TN 37076  
Owner(s) Name: SAYLOR, PAMELA  
Contact Phone Number:

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Mail the signed form to: Department of Water and Sewerage Services  
Stormwater Division - Flood Buyout Program  
800 Second Avenue South  
Nashville, TN 37210

Check one: Yes! Yes! Yes!

Yes, I want to be in the buyout program.

No, I do not want to be in the program.

Pamela Saylor Aesth 9/15/18  
Owner's Signature Date

\_\_\_\_\_  
Owner's Signature Date

\_\_\_\_\_  
Owner's Signature Date

DEPARTMENT OF HOMELAND SECURITY  
EMERGENCY PREPAREDNESS AND RESPONSE DIRECTORATE  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DECLARATION AND RELEASE**

**O.M.B. NO. 1660-0002**  
**Expires September 30, 2006**

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I hereby declare, under penalty of perjury that (check one):

- I am a citizen or non-citizen national of the United States.
- I am a qualified alien of the United States
- I am the parent or guardian of a minor child who resides with me and who is a citizen, non-citizen national, or qualified alien of the United States. Print full name and age of minor child: \_\_\_\_\_

By my signature I certify that:

- \* Only one application has been submitted for my household
- \* All information I have provided regarding my application for FEMA disaster assistance is true and correct to the best of my knowledge.
- \* I will return any disaster aid money I received from FEMA or that State if I receive insurance or other money for the same loss, or if I do not use FEMA disaster aid money for the purpose for which it was intended.

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I authorize all custodians of records of my insurance employer, any public or private agency, bank financial or credit data service to release information to FEMA and/or the State upon request.

NAME (Print) PAMELA SAYLOR	SIGNATURE <i>Pamela Saylor Hecht</i>	DATE OF BIRTH 12/1/75	DATE SIGNED 9/15/18
INSPECTOR ID NO.	FEMA APPLICATION NO. FMA-2018-RL	DISASTER NO.	
ADDRESS OF DAMAGED PROPERTY 4937 SHADOWLAWN DRIVE	CITY HERMITAGE	STATE TN	ZIP CODE 37037

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**FEMA**

**MEMORANDUM FOR:** Regional Administrators  
Regions I-X

**ATTENTION:** Regional Mitigation Division Directors  
Hazard Mitigation Assistance Branch Chiefs

**FROM:** David L. Miller   
Associate Administrator  
Federal Insurance and Mitigation Directorate

**SUBJECT:** Cost Effectiveness Determinations for Acquisitions and Elevations in Special  
Flood Hazard Areas Using Pre-calculated Benefits

This memorandum supersedes the August 15, 2013 version and clarifies the use of pre-calculated benefits to determine cost effectiveness of elevations and acquisitions in Special Flood Hazard Areas (SFHA). The Risk Reduction Division analyzed over 11,000 structures acquired or elevated and found that the average benefits for each project type are \$276,000 and \$175,000 respectively. Therefore, FEMA has determined that the acquisition or elevation of a structure located in the 100-year floodplain as delineated on the Flood Insurance Rate Map (FIRM) or based on best available data, that costs less than or equal to the amount of benefits listed above is considered cost effective. For projects that contain multiple structures, the average cost of all structures in the project must meet the stated criterion.

This methodology is available for all Hazard Mitigation Assistance (HMA) grant programs and can be applied to new applications as well as pending projects where the application period has expired. Additionally, pre-calculated benefits can be used to evaluate cost overruns for approved projects, if a new cost effectiveness review is being performed.

The specific geographic location of structures can increase acquisition and elevation costs. The benefit amounts identified above may be adjusted by using the most current locality multipliers included in industry accepted construction cost guides. If a multiplier is used, a copy of the source document must be included as part of the grant application.

The applicant or subapplicant must provide a map that clearly identifies the structure's footprint and delineates the 100-year SFHA, using the FIRM or best available data. If any part of the structure lies within the 100-year SFHA, the applicant or subapplicant can use the pre-calculated benefit value to demonstrate cost effectiveness. As an alternative, First Floor Elevation (FFE) and Base Flood Elevation (BFE) can be provided for each structure. If the FFE is lower than the BFE, pre-calculated benefits can be used to demonstrate cost effectiveness. No other detailed analysis is required. These pre-calculated benefits can be used in 100-year floodplains in riverine and coastal areas.

## Cost Effectiveness Determination for Acquisitions and Elevations in SFHA Using Pre-calculated Benefits

Page 2

Pre-calculated benefits cannot be used to estimate costs. Cost estimates must be based on industry standards, vendor estimates or other acceptable sources. Only documented, eligible costs for completed work will be reimbursed.

This memorandum does not replace or supersede the substantial damage benefit cost waiver for riverine acquisitions.

This determination advances FEMA's commitment to streamline the HMA programs by eliminating the need for complete benefit cost analysis for each structure located within a 100-year floodplain. This reduces time and resources needed for data collection, analysis and review, and allows communities to recover from disasters more quickly.

If you have any questions, please contact Kayed Lakhia, Deputy Director, Risk Reduction Division at (202) 646-3458.

DAVID BRILEY  
MAYOR



## METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON

DEPARTMENT OF WATER AND SEWERAGE SERVICES  
Stormwater Division – Development Review  
800 Second Avenue South  
P.O. Box 196300  
Nashville, Tennessee 37219-6300

September 21, 2018

Ms. Tara Mielnik  
Metro Historical Commission  
3000 Granny White Pike  
Nashville, TN 37204

**RE: Whites/Gibson/Stoners/7 Mille Creek  
Acquisition/Demolition Project**

Dear Ms. Mielnik:

The Metropolitan Government of Nashville and Davidson County, with assistance from the Tennessee Emergency Management Agency, is proposing to acquire twenty-seven pieces of property that are located in various floodplains for the purpose of demolition and debris removal. These properties are located in the city limits of Nashville/Davidson County. Maps are enclosed, with the property locations marked. I am also including a property list with addresses, tax map and parcel numbers and the streams that were responsible for the flooding.

**Project Goal:** The demolition and removal of debris from this location.

**Date of Demolition and Debris Removal:** Pending approval of the grant by TEMA.

**Demolition:** Upon approval of the grant by TEMA, the Metropolitan Government will place the project out for bid.

**Receipt of Debris:** Upon approval of the grant by TEMA, debris removal and restoration of the property will be completed by the contractor who is awarded the demolition contract.

**Asbestos Determination:** Upon approval of the grant by TEMA, the Metropolitan Government will place the project out for bid if any asbestos are discovered on site.

Upon demolition of the structures and removal of all debris, the land will lie fallow in perpetuity.

The Federal Emergency Management Agency (FEMA) is requiring your review and subsequent approval in writing for this project to be approved. To our knowledge, none of these homes are on the Historical Register or are located near any structures that are on the registry. After making your determination concerning this project, please forward your response to me.

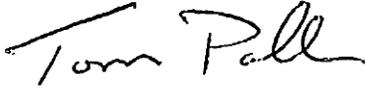
Should you have any questions concerning this project, please feel free to contact Toni Plummer at (615) 862-4582 or Mr. Tom Palko at (615) 862-4510.



If you need assistance or an accommodation, please contact Metro Water Services, at 615-862-4862, 1600 Second Avenue North, Nashville, Tennessee 37208.

Metro Historical Commission  
Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project  
Page 2

Very truly yours,

A handwritten signature in black ink that reads "Tom Palko". The signature is written in a cursive, flowing style.

Tom Palko  
Metro Water Services, Assistant Director

1600 Second Avenue North 5<sup>th</sup> Floor  
Nashville, TN 37208  
615.862.4510 (Office)  
615.862.4929(Fax)Enclosure

cc: Scott A. Potter, WS Director  
Tom Palko, WS Assistant Director

### Whites/Gibson/Stoners/7 Mile Creek - Acquisition/Demolition Project

House #	Address	City	State	Zip Code	Parcel #	Creek
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248	EMMITT AVE	MADISON	TN	37115	051 08 0 070.00	Gibson
3905	FLICKER DR	NASHVILLE	TN	37218	059 13 0 112.00	Whites
146	HARRIS ST	MADISON	TN	37115	052 01 0 020.00	Gibson
3001	HUMMINGBIRD DR	NASHVILLE	TN	37218	059 14 0 009.00	Whites
732A	MADISON BLVD	MADISON	TN	37115	052 01 0 272.00	Gibson
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DAVID BRILEY  
MAYOR



## METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON

DEPARTMENT OF WATER AND SEWERAGE SERVICES  
Stormwater Division - Development Review  
800 Second Avenue South  
P.O. Box 196300  
Nashville, Tennessee 37219-6300

September 21, 2018

Ms. Sharon Escue, ASA  
Tennessee Department of Environment and Conservation  
Nashville Environmental Field Office  
711 R. S. Gass Boulevard  
Nashville, TN 37243

**RE: Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project**

Dear Ms. Escue:

The Metropolitan Government of Nashville and Davidson County, with assistance from the Tennessee Emergency Management Agency, is proposing to acquire twenty-seven pieces of property that are located in various floodplains for the purpose of demolition and debris removal. These properties are located in the city limits of Nashville/Davidson County. Maps are enclosed, with the property locations marked. I am also including a property list with addresses, tax map and parcel numbers and the streams that were responsible for the flooding.

**Project Goal:** The demolition and removal of debris from this location.

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**Asbestos Determination:** Upon approval of the grant by TEMA, the Metropolitan Government will place the project out for bid if any asbestos are discovered on site.

Upon demolition of the structures and removal of all debris, the land will lie fallow in perpetuity.

After making your determination concerning this project, please forward your response to me.

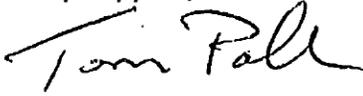
Should you have any questions concerning this project, please feel free to contact Toni Plummer at (615) 862-4582 or Mr. Tom Palko at (615) 862-4510.



If you need assistance or an accommodation, please contact Metro Water Services,  
at 615-862-4862, 1600 Second Avenue North, Nashville, Tennessee 37208.

Tennessee Department of Environment and Conservation  
Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project  
Page 2

Very truly yours,

A handwritten signature in black ink that reads "Tom Palko". The signature is written in a cursive style with a large, sweeping initial "T".

Tom Palko  
Metro Water Services, Assistant Director

1600 Second Avenue North 5<sup>th</sup> Floor  
Nashville, TN 37208  
615.862.4510 (Office)  
615.862.4929(Fax)Enclosure

cc: Scott A. Potter, WS Director  
Tom Palko, WS Assistant Director

### Whites/Gibson/Stoners/7 Mile Creek - Acquisition/Demolition Project

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DAVID BRILEY  
MAYOR



**METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON**

**DEPARTMENT OF WATER AND SEWERAGE SERVICES**  
Stormwater Division – Development Review  
800 Second Avenue South  
P.O. Box 196300  
Nashville, Tennessee 37219-6300

September 21, 2018

Mr. Robert Todd  
Fish and Wildlife Environmentalist  
TWRA  
P. O. Box 40747  
Nashville, TN 37204

**RE: Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project**

Dear Mr. Todd:

The Metropolitan Government of Nashville and Davidson County, with assistance from the Tennessee Emergency Management Agency, is proposing to acquire twenty-seven pieces of property that are located in various floodplains for the purpose of demolition and debris removal. These properties are located in the city limits of Nashville/Davidson County. Maps are enclosed, with the property locations marked. I am also including a property list with addresses, tax map and parcel numbers and the streams that were responsible for the flooding.

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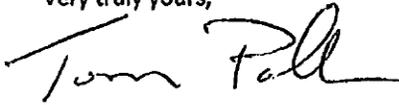
Should you have any questions concerning this project, please feel free to contact Toni Plummer at (615) 862-4582 or myself at (615) 862-4510.



If you need assistance or an accommodation, please contact Metro Water Services,  
at 615-862-4862, 1600 Second Avenue North, Nashville, Tennessee 37208.

Tennessee Wildlife Resources Agency  
Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project  
Page 2

Very truly yours,

A handwritten signature in black ink that reads "Tom Palko". The signature is written in a cursive style with a long, sweeping underline.

Tom Palko  
Metro Water Services, Assistant Director

1600 Second Avenue North 5<sup>th</sup> Floor  
Nashville, TN 37208  
615.862.4510 (Office)  
615.862.4929(Fax)Enclosure

cc: Scott A. Potter, WS Director  
Tom Palko, WS Assistant Director

### Whites/Gibson/Stoners/7 Mile Creek - Acquisition/Demolition Project

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## Plummer, Antonette (WS)

---

**From:** Harrison, Sarah <sarah\_harrison@fws.gov>  
**Sent:** Wednesday, October 03, 2018 8:15 AM  
**To:** Plummer, Antonette (WS)  
**Cc:** Robbie Sykes  
**Subject:** 2018-CPA-0783 Metropolitan Government of Nashville and Davidson County Floodplain Acquisition and Demolition

**Attention:** This email originated from a source external to Metro Government. Please exercise caution when opening any attachments or links from external sources.

Ms. Plummer,

U.S. Fish and Wildlife Service (Service) personnel have reviewed your correspondence dated September 21, 2018, regarding the proposal to acquire 27 pieces of property that are located in various floodplains throughout Davidson County. Once the properties are acquired they will be demolished and debris removed and the land will lie fallow in perpetuity. Your correspondence requested information regarding potential impacts to federally threatened and endangered species. In response, the Service offers the following comments.

Information available to the Service does not indicate that federally threatened and endangered species or designated critical habitat occur within the impact area for 26 of the 27 properties proposed for this project, therefore the Service does not anticipate that any federally listed species would be impacted by the actions taken on those properties. However the property located at 5045 Edmondson Pike is located within the Mill Creek watershed along Sevenmile Creek near a location where endangered species collection records available to the Service indicates that the federally endangered Nashville crayfish (*Orconectes shoupi*). Provided there is no work proposed in Sevenmile Creek and no sediment is allowed to enter the stream, we would not expect that acquisition of the 5045 Edmondson Pike lot and demolition of the existing structures would impact the Nashville crayfish.

The Service would not anticipate the proposed action to adversely affect federally listed species; however, in accordance with section 7 of the Endangered Species Act (87 stat. 884 as amended; 16 U.S.C. 1531 et seq.), it is the responsibility of the lead federal agency to make an effects determination. A may affect determination would require further coordination with the Service.

We take this opportunity to inform you of the online project review tool, which can be found at [https://www.fws.gov/cookeville/project\\_review.html](https://www.fws.gov/cookeville/project_review.html). If upon completion of this process you determine that your project is unlikely to affect federally listed species, you can certify your determination, and no further coordination would be required. If your project may affect these resources, the review package developed through the process would expedite further review upon submission to our office.

Please feel free to contact me if you have any questions or concerns regarding this information.

Sincerely,

Sarah Harrison

--

Sarah Harrison  
Fish & Wildlife Biologist  
USFWS Tennessee Field Office  
446 Neal Street  
Cookeville, TN 38501  
Phone: 931-528-6481 ext. 222

***NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.***

DAVID BRILEY  
MAYOR



## METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON

DEPARTMENT OF WATER AND SEWERAGE SERVICES  
Stormwater Division – Development Review  
800 Second Avenue South  
P.O. Box 196300  
Nashville, Tennessee 37219-6300

September 21, 2018

Mr. Benjamin L. Rohrbach, P.E.  
Chief, Hydrology & Hydraulics Branch  
U. S. Army Corps of Engineers  
Nashville District  
P. O. Box 1070  
Nashville, TN 37202-1070

**RE: Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project**

Dear Mr. Rohrbach:

The Metropolitan Government of Nashville and Davidson County, with assistance from the Tennessee Emergency Management Agency, is proposing to acquire twenty-seven pieces of property that are located in various floodplains for the purpose of demolition and debris removal. These properties are located in the city limits of Nashville/Davidson County. Maps are enclosed, with the property locations marked. I am also including a property list with addresses, tax map and parcel numbers and the streams that were responsible for the flooding.

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After making your determination concerning this project, please forward your response to me.

Should you have any questions concerning this project, please feel free to contact Toni Plummer at (615) 862-4582, by email at [Antonette.Plummer@nashville.gov](mailto:Antonette.Plummer@nashville.gov) or myself at (615) 862-4510. Our fax number is (615) 862-4929.



If you need assistance or an accommodation, please contact Metro Water Services,  
at 615-862-4862, 1600 Second Avenue North, Nashville, Tennessee 37208.

U. S. Army Corps of Engineers Request  
Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project  
Page 2

Very truly yours,

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Tom Palko  
Metro Water Services, Assistant Director

1600 Second Avenue North 5<sup>th</sup> Floor  
Nashville, TN 37208  
615.862.4510 (Office)  
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cc: Scott A. Potter, WS Director  
Tom Palko, WS Assistant Director

### Whites/Gibson/Stoners/7 Mile Creek - Acquisition/Demolition Project

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DAVID BRILEY  
MAYOR



**METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON**

**DEPARTMENT OF WATER AND SEWERAGE SERVICES**  
Stormwater Division – Development Review  
800 Second Avenue South  
P.O. Box 196300  
Nashville, Tennessee 37219-6300

September 21, 2018

Ms. Mary Jennings  
Field Supervisor  
U. S. Fish and Wildlife Service  
446 Neal Street  
Cookeville, TN 38501

**RE: Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project**

Dear Ms. Jennings:

The Metropolitan Government of Nashville and Davidson County, with assistance from the Tennessee Emergency Management Agency, is proposing to acquire twenty-seven pieces of property that are located in various floodplains for the purpose of demolition and debris removal. These properties are located in the city limits of Nashville/Davidson County. Maps are enclosed, with the property locations marked. I am also including a property list with addresses, tax map and parcel numbers and the streams that were responsible for the flooding.

**Project Goal:** The demolition and removal of debris from this location.

**Date of Demolition and Debris Removal:** Pending approval of the grant by TEMA.

**Demolition:** Upon approval of the grant by TEMA, the Metropolitan Government will place the project out for bid.

**Receipt of Debris:** Upon approval of the grant by TEMA, debris removal and restoration of the property will be completed by the contractor who is awarded the demolition contract.

**Asbestos Determination:** Upon approval of the grant by TEMA, the Metropolitan Government will place the project out for bid if any asbestos are discovered on site.

Upon demolition of the structures and removal of all debris, the land will lie fallow in perpetuity.

After making your determination concerning this project, please forward your response to me.

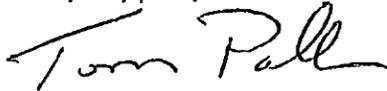
Should you have any questions concerning this project, please feel free to contact Toni Plummer at (615) 862-4582 or myself at (615) 862-4510.



If you need assistance or an accommodation, please contact Metro Water Services, at 615-862-4862, 1600 Second Avenue North, Nashville, Tennessee 37208.

U. S. Fish and Wildlife Service  
Whites/Gibson/Stoners/7 Mile Creek  
Acquisition/Demolition Project  
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Very truly yours,

A handwritten signature in black ink that reads "Tom Palko". The signature is written in a cursive, flowing style.

Tom Palko  
Metro Water Services, Assistant Director

1600 Second Avenue North 5<sup>th</sup> Floor  
Nashville, TN 37208  
615.862.4510 (Office)  
615.862.4929(Fax)Enclosure

cc: Scott A. Potter, WS Director  
Tom Palko, WS Assistant Director

**Whites/Gibson/Stoners/7 Mile Creek - Acquisition/Demolition Project**

House #	Address	City	State	Zip Code	Parcel #	Creek
3843	CROUCH DR	NASHVILLE	TN	37207	059 14 0 148.00	Whites
3855	CROUCH DR	NASHVILLE	TN	37207	059 10 0 244.00	Whites
3867	CROUCH DR	NASHVILLE	TN	37207	059 10 0 241.00	Whites
3875	CROUCH DR	NASHVILLE	TN	37207	059 10 0 239.00	Whites
3891	CROUCH DR	NASHVILLE	TN	37207	059 10 0 235.00	Whites
3903	CROUCH DR	NASHVILLE	TN	37207	059 10 0 232.00	Whites
3907	CROUCH DR	NASHVILLE	n	37207	059 10 0 231.00	Whites
3915	CROUCH DR	NASHVILLE	TN	37207	059 10 0 229.00	Whites
3939	CROUCH DR	NASHVILLE	TN	37207	059 10 0 223.00	Whites
5045	EDMONDSON PIKE	NASHVILLE	TN	37115	147 10 0 074.00	7 Mile
248	EMMITT AVE	MADISON	TN	37115	051 08 0 070.00	Gibson
3905	FLICKER DR	NASHVILLE	TN	37218	059 13 0 112.00	Whites
146	HARRIS ST	MADISON	TN	37115	052 01 0 020.00	Gibson
3001	HUMMINGBIRD DR	NASHVILLE	TN	37218	059 14 0 009.00	Whites
732A	MADISON BLVD	MADISON	TN	37115	052 01 0 272.00	Gibson
4937	SHADOWLAWN DR	HERMITAGE	TN	37076	076 05 0 048.00	Stoners
4941	SHADOWLAWN DR	HERMITAGE	TN	37076	076 05 0 049.00	Stoners
1140	TUCKAHOE DR	NASHVILLE	TN	37207	041 16 0 015.00	Whites
1148	TUCKAHOE DR	NASHVILLE	TN	37207	041 16 0 013.00	Whites
1152	TUCKAHOE DR	NASHVILLE	TN	37207	041 16 0 012.00	Whites
3900	TUCKER RD	NASHVILLE	TN	37218	059 13 0 082.00	Whites
3000	W HAMILTON AVE	NASHVILLE	TN	37218	059 14 0 011.00	Whites
3103	W HAMILTON AVE	NASHVILLE	TN	37218	059 14 0 037.00	Whites
3115	W HAMILTON AVE	NASHVILLE	TN	37218	059 14 0 031.00	Whites
3214	W HAMILTON AVE	NASHVILLE	TN	37218	070 01 0 030.00	Whites
3225	W HAMILTON AVE	NASHVILLE	TN	37218	070 01 0 052.00	Whites
3227	W HAMILTON AVE	NASHVILLE	TN	37218	070 01 0 051.00	Whites

## Public Notice on Website

On December 15, 2016, a major disaster declaration was issued by President Barack Obama following the Wildfires in Eastern Tennessee that occurred between November 28, 2016 and December 9, 2016. Hazard Mitigation Grant Program (HMGP) funds are made available to provide resources to assist states, tribal governments, territories and local communities. These funds will cover any type of event to include flooding. Metropolitan Government of Nashville and Davidson County (Metro) has elected to use the HMGP funds in efforts to reduce or eliminate the risk of repetitive flood damage to buildings and structures insurable under the National Flood Insurance Program (NFIP) as authorized by the National Flood Insurance Act of 1968, as amended. This funding is implemented under the authority of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. §§ 5121-5207.

**Proposed Work and Purpose:** Metro proposes to purchase and demolish three (3) single family residential dwellings in the City of Nashville, Davidson County, Tennessee. Upon successful offer, acceptance and sale, the sub-grantee will inspect, abate any hazardous conditions, and then demolish the structure within 90 days of purchase. The site will then be restored and deed restricted as open space consistent with 44 CFR Part 80 in perpetuity. If the structures are not slab on grade and have a crawl space, there will be no ground disturbance for the foot print of the structure itself. If the structures are slab on grade; during demolition the ground disturbance should be between three (3) to six (6) inches. If the properties have a sidewalk and driveway, during demolition the ground disturbance should be between three (3) to six (6) inches. Once the sidewalk and driveway is removed; Metro will fill and grade the area that has the disturbance. This is something that Metro ALWAYS does at the completion of demolishing a structure. Metro will take ownership and be responsible for post project site maintenance and inspections. Acquiring and demolishing the structures is the only permanent solution to mitigate the risk of imminent danger of flooding. Information regarding the location of the properties selected for this mitigation effort is detailed below:

**Location of Proposed Work:** The two (2) residential properties are located on Crouch Drive and is part of a neighborhood located adjacent to Whites Creek; one (1) property located on Shadowlawn Drive located adjacent to Stoners Creek.

**PUBLIC COMMENTS:** Any individual, group, or agency disagreeing with the proposed projects and is wishing to comment on these projects may submit written comments to the Metro Water Services, Stormwater Division, contact information below. All comments received by November 15, 2018 will be reviewed by Metro and forwarded on to the State and FEMA.

**APPLICANT CONTACTS:**

Antonette (Toni) Plummer  
Administrative Service Officer  
Acquisition / Demolition Projects  
Telephone: (615) 862-4582