

ENVIRONMENTAL ASSESSMENT

RENTAL ASSISTANCE DEMONSTRATION (RAD)

Sudekum Apartments
101 University Ct.
Nashville, TN 37210

Non-FHA Transaction Converting to PBRA

24 CFR Part 50

Scope of Work

This action consists of improvements to an existing public housing development with 43 buildings (443 units) located on 34.1 acres of land in Nashville. Total cost for critical and non-critical repairs are estimated at \$8,903,776.

Dominion Due Diligence (D3G) prepared a RAD Physical Condition Assessment (RPCA) to determine the current condition of this property and to establish appropriate future capital reserves. This includes a review of the status of major building systems and accessibility compliance, photographic record of the property, including critical (immediate) and non-critical (12 month) rehabilitation items (see attached D3G's assessment Section 1.3.1 Critical Repairs - page 5-6 and Section 1.3.2 Non-Critical Repairs – page 7-9). Also, prepared is a report that lists recommended energy and water conservation measures, as well as the cost and overall projected cost savings.



**RENTAL ASSISTANCE DEMONSTRATION
PHYSICAL CONDITION ASSESSMENT (RPCA)
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
TONY SUDEKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210**

TN-005

**D3G PROJECT NUMBER:
2015-0745**

**DRAFT REPORT ISSUE DATE:
OCTOBER 23, 2015**

**INSPECTION DATE:
AUGUST 3, 4, & 5, 2015**

**PREPARED FOR:
KIMLEY-HORN
209 TENTH AVENUE SOUTH, SUITE 501
NASHVILLE, TENNESSE 37203**

David Taylor, BPI-MFBA
Construction Inspector

Signature

Mike Ferguson, P.E., BPI-BA
Director of Engineering Services

Signature

1.0 EXECUTIVE SUMMARY

1.1 General Description

Amp 2 of the Metropolitan Development & Housing Agency consists of one (1) property known as Tony Sudekum Apartments that feature a combined total of four hundred forty three (443) dwelling units. The property features a combined total of forty three (43) buildings. According to D3G estimates, the property is situated on approximately 34.1 acres and features a combined gross area of 537,915 square feet. According to construction documents, the buildings were originally constructed in 1953.

1.2 General Physical Condition

The following general physical conditions and conclusions have been reached by the Needs Assessor upon completion of this RAD Physical Condition Assessment (RPCA):

- a. The Metropolitan Development & Housing Agency properties are in fair physical condition and is sixty-two (62) years old. Based on the age of the property and needed maintenance, the property could benefit from a rehabilitation project. Baseline repairs are itemized and include select energy and water conservation measures (EWCM) improvements and also includes owner proposed improvements.
- b. The RAD Excel tool summary does not include items deemed non-capitalized routine maintenance items at tenant turnover (e.g., interior painting, door hardware, closet hardware, bathroom accessories, etc.), and it is advisable that Property Management include these items in any future planned rehabilitation, as budget constraints allow.
- c. The recommended level of repairs and rehabilitations may require a plan for resident relocation.
- d. Upon completion of repairs, the property will be in reasonable compliance with applicable accessibility regulations; however, will not be in total compliance due to structural modifications that would be required. A Section 504 Transition Plan is an acceptable method of compliance.
- e. The property will not be applying for "green building certification" (e.g., LEED, ENERGYSTAR, Earthcraft, etc.); however, many of the identified repairs focus on energy savings.



1.3 Opinions of Probable Cost

1.3.1 Critical Repairs (Immediate)

Critical Repairs are defined as exigent health and safety hazards, code violations, conditions adversely affecting ingress and egress, conditions preventing sustainable occupancy, and accessibility deficiencies. The following Critical Repairs are recommended to address the health and life safety needs identified during the property inspection, as well as any additional investigations to properly characterize the necessary scope of rehabilitation. Where applicable, repair items have been deferred to the rehabilitation event.

SECT	CRITICAL REPAIR (IMMEDIATE NEEDS)	TOTAL
TONY SUDEKUM APARTMENTS		
3.2.5	1. Trip hazards were observed on the concrete sidewalks at buildings 2, 5, 12, 25, and 32. In order to prevent injury to a resident, repair of the trip hazards is required. (5 Each @ \$150.00)	\$750.00
3.6.2	2. The dwelling unit bedrooms were observed without smoke detectors. The hallways outside of the sleeping rooms were observed with hard-wired smoke detectors. Per HUD MAP Guidelines; according to Life Safety Code (NFPA 101), paragraph 31.3.4.5.1, smoke alarms must be installed outside every sleeping area in the immediate vicinity of the bedrooms and on all levels of the dwelling unit, including basements. In addition to the NFPA requirements, the regulation in 24 CFR 200.76 requires that smoke detectors must also be installed inside each sleeping area; therefore, the installation of compliant smoke detectors within all the dwelling unit bedrooms is required. The smoke detectors can be either hard wired or battery powered. Battery powered smoke detectors must have the following features, according to the HUD MAP Guidelines: the cell must be tamper-resistant; the cells cannot be used in any other toy or appliance; the cells must have a ten-year life; the smoke detector may have a manual silencing device to clear unwanted alarms such as cooking smoke. For the purpose of this report we have budgeted battery powered smoke detectors, allowable by the HUD MAP Guidelines. It is recommended to contact the local municipality to determine if battery-operated smoke detectors are allowable. If further clarification is needed regarding smoke detector compliance, please contact the local reviewing HUD office. (1166 Each @ \$35.00)	\$40,810.00
3.7.2	3. The dwelling units were observed with roaches and other insects visible in multiple locations throughout the entire property. In order to prevent the spread of disease and improve the health condition of the property, treatment and removal of the insects is required. (443 Each @ \$250.00)	\$110,750.00



TONY SUDEKUM APARTMENTS - ACCESSIBILITY		
7.1	1. The property currently features fifteen (15) designated handicapped dwelling units with partial UFAS compliance and it is being recommended to add the following UFAS features to an additional eight (8) units to bring the property up to 5% units with partial UFAS compliance; therefore, the addition of the following select UFAS modifications in twenty-three (23) units is required. The addition of levered door hardware at interior doors, the addition of scald and abrasion protection at the bathroom sink, and the addition of compliant side and rear grab bars at the toilet. (23 Each @ \$535.00)	\$12,305.00
7.1	2. Based upon the eighty-three (83) standard uncovered parking spaces available at the site, four (4) handicapped accessible parking spaces, inclusive of one (1) van accessible handicapped parking space are required by Americans with Disabilities Act Accessibility Guidelines (ADAAG). The site currently features seven (7) designated handicapped spaces. In order to comply with ADAAG the installation of a designated handicapped van accessible parking space at the leasing office is required. Standard handicapped spaces require a 96" wide parking space, a 60" wide access aisle, and vertical and horizontal identification. Van accessible handicapped spaces require a total of 192" for the parking space and access aisle, vertical signage identifying the space as van accessible, and horizontal identification. The van accessible parking space and access aisle may have either of the following combinations: a 132" wide parking space with a 60" wide access aisle or a 96" wide parking space with a 96" wide access aisle. The designated handicapped parking spaces should be located at the closest accessible route to the building entrances and two (2) spaces may share a single access aisle. (1 Each @ \$75.00)	\$75.00
7.1	3. The leasing office designated handicapped restroom was observed without scald and abrasion protection at the sink. In order to comply with UFAS, the installation of scald and abrasion protection at is required. (1 Each @ \$35.00)	\$35.00
TOTAL:		\$164,725.00



1.3.2 Non-Critical Repairs (12-Month Repair and Rehabilitation Needs)

An investigation of the subject property identified the following 12-month Repair and Rehabilitation needs. Recommended repairs have been evaluated by a Green Professional (USGBC LEED-AP and BPI Multifamily Analyst) relative to energy and water conservation measures (EWCM) and sustainable/renewable alternatives. It is recommended that all estimated costs be validated with a licensed-contractor and a competitive bidding process.

Please note, based upon the undefined nature of the Owner/Managements planned rehabilitation scope, repairs and replacements which occur in the near term of the Reserve for Replacement (R4R) schedule should be considered for inclusion into the list of rehabilitation items. In addition, costs associated with plumbing and electrical repairs require additional exploration and identification.

SECT	NON-CRITICAL REPAIR (12-MONTH PROPERTY CONDITION)	TOTAL
TONY SUDEKUM APARTMENTS		
3.2.6	1. The concrete retaining wall at the rear of the leasing office / community building building was observed with areas of cracking and deterioration. In order to maintain the structural integrity of the retaining wall and provide a safely landscaped area, the repair of the damaged retaining wall is recommended. (1 Lump Sum @ \$1,350.00)	\$1,350.00
3.4.4	2. Property management has identified the need to install additional security cameras. (1 Lump Sum @ \$386,400.00)	\$386,400.00
3.7.2	3. Dwelling unit interior doors were observed damaged in builing 2 unit 88A, building 12 unit 89, building 22 unit 7, building 25 unit 53, and building 27 unit 75B. It is recommended to replace the damaged interior doors. (5 Each @ \$150.00)	\$750.00
3.7.2	4. The newer dwelling unit kitchen cabinets were observed with missing draw fronts in building 1 unit 84, building 4 unit 118, building 18 unit 19, building 23 unit 17, building 25 unit 49, and building 34 unit 163. It is recommended to replace the missing drawers or fronts in order to improve the condition of the property. (7 Each @ \$50.00)	\$350.00
3.4.1	5. Building 20 unit 908A was observed with a water leak in the ceiling drain lines above the kitchen cabinets and water damaged cabintes. It is recommended to repair the leaking line and replace damaged cabinet. (1 Each @ \$250.00)	\$250.00
3.2.6	6. Areas of bare ground were observed at buildings 1, 3, 5, 6, 7, 18, 25, and 32. In order to prevent erosion, reseeding of the bare areas is recommended. (8 Each @ \$150.00)	\$1,200.00
3.2.8	7. Property management has elected to provide a Key Management System at the property. (1 Lump Sum @ \$13,667.00)	\$13,667.00



1.3.2 Non-Critical Repairs (12-Month Repair and Rehabilitation Needs)

An investigation of the subject property identified the following 12-month Repair and Rehabilitation needs. Recommended repairs have been evaluated by a Green Professional (USGBC LEED-AP and BPI Multifamily Analyst) relative to energy and water conservation measures (EWCM) and sustainable/renewable alternatives. It is recommended that all estimated costs be validated with a licensed-contractor and a competitive bidding process.

Please note, based upon the undefined nature of the Owner/Managements planned rehabilitation scope, repairs and replacements which occur in the near term of the Reserve for Replacement (R4R) schedule should be considered for inclusion into the list of rehabilitation items. In addition, costs associated with plumbing and electrical repairs require additional exploration and identification.

SECT	NON-CRITICAL REPAIR (12-MONTH PROPERTY CONDITION)	TOTAL
TONY SUDEKUM APARTMENTS		
3.2.4	2. The asphalt parking areas and driveways were observed in poor condition. Repair, overlay, and restripe recommended. (28080 Square Feet @ \$.86)	\$24,148.80
3.2.4	1. Refurbishment of the basketball court is recommended. (1 Each @ \$24,600.00)	\$24,600.00
3.2.5	2. The concrete sidewalks and patios were observed with deteriorated sections. Repair of the deteriorated sections is recommended. (42200 Square Feet @ \$1.31)	\$55,282.00
3.2.5	3. The elevated concrete walkways and stairs were observed with deteriorating sections. The repair of the deteriorating section is recommended. (16200 Square Feet @ \$2.75)	\$44,550.00
3.2.6	4. Select playground equipment was observed nearing EUL. The replacement of the playground equipment near EUL is recommended. (2 Each @ \$4,500.00)	\$9,000.00
3.3.3	5. The exterior brickwork was observed deteriorating with areas of step cracking. Repointing of approximately half of the brickwork is recommended. (200700 Square Feet @ \$1.50)	\$301,050.00
3.3.2	6. The dwelling unit entry doors were observed past EUL. Replacement of the dwelling unit entry doors is recommended. (889 Each @ \$410.00)	\$364,490.00
3.3.2	7. The dwelling unit storm doors were observed past EUL. The replacement of storm doors is recommended. (889 Each @ \$140.00)	\$124,460.00
3.3.2	8. The exterior doors and garage doors at the leasing office / community building were observed past EUL. The replacement of the doors is recommended. (1 Lump Sum @ \$6,960.00)	\$6,960.00
3.7.1	9. The leasing office / community building VCT flooring was observed past EUL. The replacement of the damaged VCT is recommended. (1 Lump Sum @ \$4,750.00)	\$4,750.00
3.7.2	10. The majority of dwelling unit kitchen cabinets and counter tops were observed to be past their EUL. The replacement of cabinets and counter tops is recommended. (297 Each @ \$2,258.00)	\$670,626.00
3.7.2	11. The dwelling units feature VCT flooring that was observed past EUL in the majority of units. The replacement of the VCT flooring is recommended. (295 Dwelling unit @ \$2,400.00)	\$708,000.00



TONY SUDEKUM APARTMENTS - ENERGY-WATER CONSERVATION MEASURE		
3.4.1	1. The kitchen and bathroom sinks were observed with 2.2 GPM aerators. The replacement of the aerators with low flow aerators is recommended. (1 Lump Sum @ \$2,682.00)	\$2,682.00
3.4.1	2. The dwelling unit showerheads were observed with 1.75 GPM aerators. The replacement of the aerators with 1.5 GPM low flow aerators is recommended. (1 Lump Sum @ \$15,540.00)	\$15,540.00
Subtotal:		\$422,189.00
Davis Bacon Wage Rates - 18.00%		\$75,994.02
Total (with DBWR)		\$498,183.02

1.3.3 Owner Initiated / Market Comparable Improvements

Owner elected repairs have been included in Section 1.3.2 above.

1.3.4 Long-Term Physical Needs – Reserves for Replacement (R4R)

Long-term physical needs over the loan term (Reserves for Replacement or R4R) are defined as non-routine maintenance items that will require significant expenditure during the 20-year study period. Exhibit 11.3 contains the 20-year Reserve for Replacement (R4R) analysis. Recommendations for the Initial Deposit to Reserves (IDR) and Annual Deposit to Reserves (ADR) are based upon the cost of "Near Term" replacement and major needs.

RESERVE FOR REPLACEMENT (R4R) SUMMARY for:			
PROPERTY:	Tony Sudekum Apartments	443	DWELLING UNITS
1-20 YEAR TERM	TOTAL RESERVE	AVERAGE ANNUAL COST PER UNIT (PUPA)	
Un-inflated Cost	\$8,975,341.80	\$1,013.02	
Inflated Cost (2.5%/year)	\$11,048,924.00	\$1,247.06	
Recommended Initial Deposit to Reserves (IDRR):		\$664,500.00	
(IDRR) Per Unit:		\$1,500.00	
Recommend Annual Deposit to Reserves (ADRR):		\$886,000.00	
(ADRR) Per Unit:		\$2,000.00	

1.4 Deviation from Standards

To the best of our knowledge this RPCA is compliant with applicable scopes of work as detailed in Section 2.2 published by HUD with regards to the Rental Assistance Demonstration (RAD) program and FHA multifamily mortgage insurance programs.



ENVIRONMENTAL ASSESSMENT

SUDEKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210

PROPERTY RECORDS & SITE INFORMATION



800 2nd Ave S
Nashville, TN 37210
www.nashville.gov/mpc

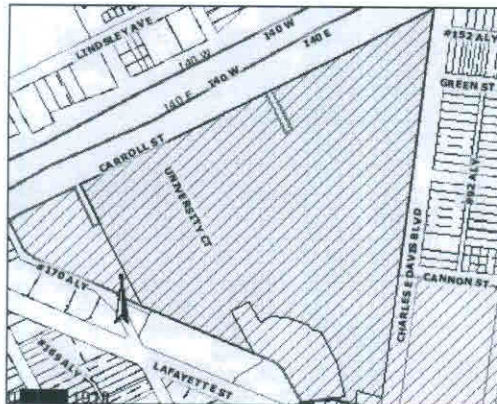
SUDEKUM APTS

Parcel ID: 09315010800
Property Address: 78 CHARLES E
DAVIS BLVD
NASHVILLE, TN
37210

Owner Information: M. D. H. A. TONY
SUDEKUM HOMES

701 S 6TH ST
NASHVILLE, TN
37206
Date Acquired:
7/3/1975
Document: DB-
00004930 0000991

General Information: Census Tract:
37014800
Council District: 19
Land Use: 037,
APARTMENT: WALK
UP (BUILT PRIOR
TO 1960) A The
classification for
assessment purposes is
not a zoning designation
and does not speak to
the legality of the
current use of the
subject property.



Property Information: Description: S/W COR CARROLL ST & WHARF AV & PT CL ALLEY
Acreage: 28.73
Dimensions: 0X0
Document: OR-00002002 0001058

Zoning:
Zoning: RM20, MULTI
FAMILY 20 UNITS AN
ACRE
Date Effective:
1/1/1998
Case Number:
Bill Number: O96-555

Overlays:
Overlay District: OV-UZO,
URBAN ZONING OVERLAY
Date Effective: 7/25/2007
Case Number: 2007Z-060U-05
Bill Number: BL2007-1426
Overlay District: OV-RES,
RESIDENTIAL PUD OVERLAY
Date Effective: 1/1/1998
Case Number:
Bill Number: O96-555

Assessment Information: Sale Price:
Date Assessed: 1/1/2013
Classes: E
Land Appraised Value: \$787,500.00
Improvement Appraised Value: \$0.00
Total Appraised Value: \$787,500.00
USD/GSD: URBAN SERVICES DISTRICT
Service Area/Field Book: 14W 00570

Created: 9/2/2015 10:24:05 AM

Davidson County, TN
Assessor of Property

Unofficial Property Record Card

GENERAL PROPERTY INFORMATION

Map & Parcel: 093 15 0 108.00
Current Owner: M. D. H. A. TONY SUDEKUM
HOMES
Mailing Address: 701 S 6TH ST NASHVILLE,
TN 37206
Zone: 1
Neighborhood: 1426

Location: 78 CHARLES E DAVIS BLVD
Land Area: 28.73 Acres
Most Recent Sale Date: 07/03/1975
Most Recent Sale Price: \$0
Deed Reference: 00004930-0000991
Tax District: USD

CURRENT PROPERTY APPRASIAL

Assessment Year: 2013
Land Value: \$787,500
Improvement Value: \$0
Total Appraisal Value: \$787,500

Assessment Classification*: EXE
Assessment Land: \$0
Assessment Improvement: \$0
Assessment Total: \$0

LEGAL DESCRIPTION

S/W COR CARROLL ST & WHARF AV & PT CL ALLEY

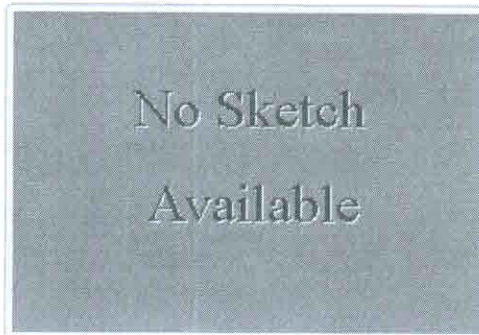
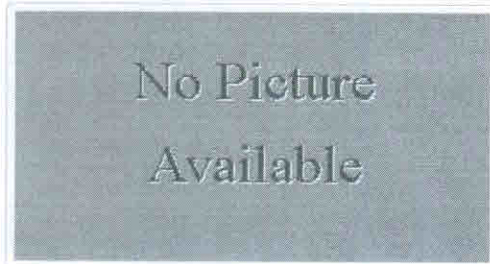
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IMPROVEMENT ATTRIBUTES - Card 1 of 1

Building Type:
Year Built:
Square Footage: 0
Number of Living Units: -
Building Grade:
Building Condition:

Rooms:
Beds:
Baths:
Half Bath:
Fixtures:

Exterior Wall:
Frame Type:
Story Height:
Foundation Type:
Roof Cover:



*This classification for assessment purposes is not a zoning designation and does not speak to the legality of the current use of the subject property.



800 2nd Ave S
Nashville, TN 37210
www.nashville.gov/mpc

Parcel ID: 09315010600

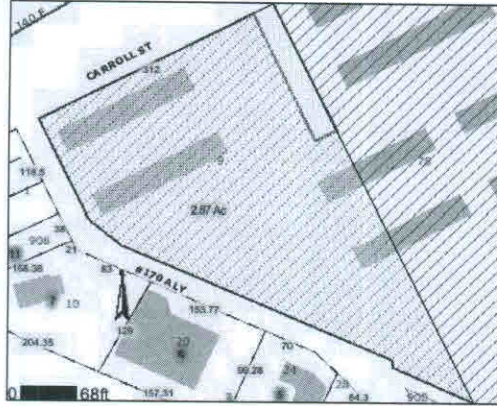
Property Address: 9 CARROLL ST
NASHVILLE, TN
37210

Owner Information: M. D. H. A. TONY
SUDEKUM HOMES

701 S 6TH ST
NASHVILLE, TN
37206
Date Acquired:
1/31/1977
Document: DB-
00005119 0000767

General Information: Census Tract:
37014800

Council District: 19
Land Use: 037,
APARTMENT: WALK
UP (BUILT PRIOR
TO 1960) A The
classification for
assessment purposes is
not a zoning designation
and does not speak to
the legality of the
current use of the
subject property.



Property Information: Description: S/S CARROLL STREET N LAFAYETTE ST
Acreage: 2.87
Dimensions: 0X0
Document: DB-00000000 0000000

Zoning:
Zoning: RM20, MULTI
FAMILY 20 UNITS AN
ACRE
Date Effective:
1/1/1998
Case Number:
Bill Number: O96-555

Overlays:
Overlay District: OV-UZO,
URBAN ZONING OVERLAY
Date Effective: 7/25/2007
Case Number: 2007Z-060U-05
Bill Number: BL2007-1426
Overlay District: OV-RES,
RESIDENTIAL PUD OVERLAY
Date Effective: 1/1/1998
Case Number:
Bill Number: O96-555

Assessment Information: Sale Price:
Date Assessed: 1/1/2013
Classes: E
Land Appraised Value: \$87,200.00
Improvement Appraised Value: \$0.00
Total Appraised Value: \$87,200.00
USD/GSD: URBAN SERVICES DISTRICT
Service Area/Field Book: 14W 00550

Created: 9/2/2015 10:24:38 AM

Davidson County, TN
Assessor of Property

Unofficial Property Record Card

GENERAL PROPERTY INFORMATION

Map & Parcel: 093 15 0 106.00

Current Owner: M. D. H. A. TONY SUDEKUM
HOMES

Mailing Address: 701 S 6TH ST NASHVILLE,
TN 37206

Zone: 1

Neighborhood: 1426

Location: 9 CARROLL ST

Land Area: 2.87 Acres

Most Recent Sale Date: 01/31/1977

Most Recent Sale Price: \$0

Deed Reference: 00005119-0000767

Tax District: USD

CURRENT PROPERTY APPRASIAL

Assessment Year: 2013

Land Value: \$87,200

Improvement Value: \$0

Total Appraisal Value: \$87,200

Assessment Classification*: EXE

Assessment Land: \$0

Assessment Improvement: \$0

Assessment Total: \$0

LEGAL DESCRIPTION

S/S CARROLL STREET N LAFAYETTE ST

Map & Parcel: 093 15 0 106.00

IMPROVEMENT ATTRIBUTES - Card 1 of 1

Building Type:

Year Built:

Square Footage: 0

Number of Living Units: -

Building Grade:

Building Condition:

Rooms:

Beds:

Baths:

Half Bath:

Fixtures:

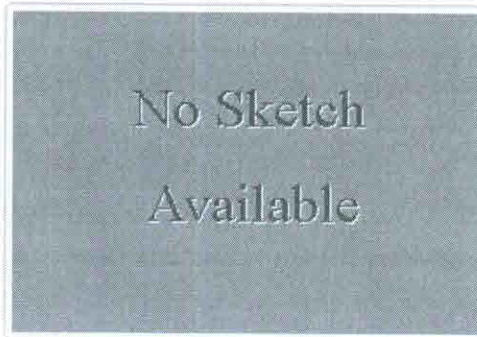
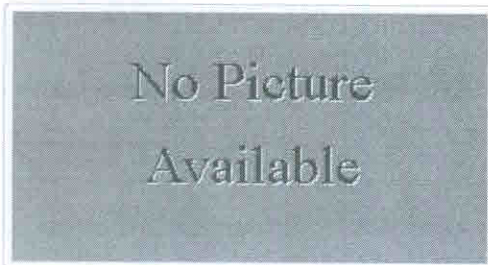
Exterior Wall:

Frame Type:

Story Height:

Foundation Type:

Roof Cover:



*This classification for assessment purposes is not a zoning designation and does not speak to the legality of the current use of the subject property.



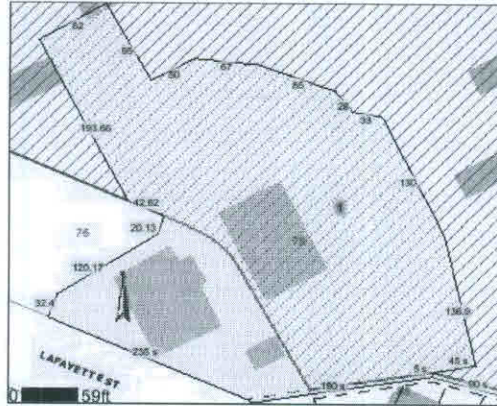
800 2nd Ave S
Nashville, TN 37210
www.nashville.gov/mpc

Parcel ID: 09315039200

Property Address: 78 LAFAYETTE ST
NASHVILLE, TN
37210

Owner Information: M. D. H. A. TONY
SUDEKUM HOMES
701 S 6TH ST
NASHVILLE, TN
37206
Date Acquired:
7/3/1975
Document: DB-
00004930 0000991

General Information: Census Tract:
37014800
Council District: 19
Land Use: 010,
VACANT
RESIDENTIAL LAND
The classification for
assessment purposes is
not a zoning designation
and does not speak to
the legality of the
current use of the
subject property.



Property Information: Description: PT LOT 1 SUDEKUM HOMES COMMERCIAL & PT CL
ALLEY
Acreage: 2.71
Dimensions: 235X190
Document: OR-00002002 0001058

Zoning:
Zoning: RM20, MULTI
FAMILY 20 UNITS AN
ACRE
Date Effective:
1/1/1998
Case Number:
Bill Number: O96-555
Zoning: CS,
COMMERCIAL, SERVICE
Date Effective:
1/1/1998
Case Number:
Bill Number: O96-555

Overlays:
Overlay District: OV-UZO,
URBAN ZONING OVERLAY
Date Effective: 7/25/2007
Case Number: 2007Z-060U-05
Bill Number: BL2007-1426
Overlay District: OV-RES,
RESIDENTIAL PUD OVERLAY
Date Effective: 1/1/1998
Case Number:
Bill Number: O96-555

Assessment Information: Sale Price:
Date Assessed: 1/1/2013
Classes: E
Land Appraised Value: \$86,500.00
Improvement Appraised Value: \$0.00
Total Appraised Value: \$86,500.00
USD/GSD: URBAN SERVICES DISTRICT
Service Area/Field Book: 14W 24738

Created: 9/2/2015 10:25:09 AM

Davidson County, TN
Assessor of Property

Unofficial Property Record Card

GENERAL PROPERTY INFORMATION

Map & Parcel: 093 15 0 392.00
Current Owner: M. D. H. A. TONY SUDEKUM
HOMES
Mailing Address: 701 S 6TH ST NASHVILLE,
TN 37206
Zone: 1
Neighborhood: 1426

Location: 78 LAFAYETTE ST
Land Area: 2.71 Acres
Most Recent Sale Date: 07/03/1975
Most Recent Sale Price: \$0
Deed Reference: 00004930-0000991
Tax District: USD

CURRENT PROPERTY APPRASIAL

Assessment Year: 2013
Land Value: \$86,500
Improvement Value: \$0
Total Appraisal Value: \$86,500

Assessment Classification*: EXE
Assessment Land: \$0
Assessment Improvement: \$0
Assessment Total: \$0

LEGAL DESCRIPTION

PT LOT 1 SUDEKUM HOMES COMMERCIAL & PT CL ALLEY

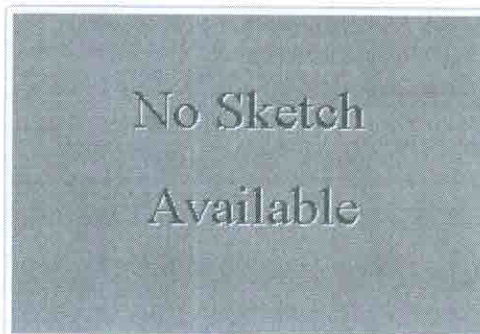
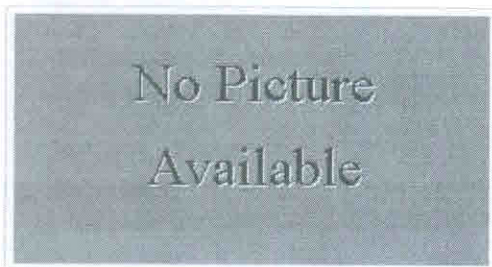
Map & Parcel: 093 15 0 392.00

IMPROVEMENT ATTRIBUTES - Card 1 of 1

Building Type:
Year Built:
Square Footage: 0
Number of Living Units: -
Building Grade:
Building Condition:

Rooms:
Beds:
Baths:
Half Bath:
Fixtures:

Exterior Wall:
Frame Type:
Story Height:
Foundation Type:
Roof Cover:



*This classification for assessment purposes is not a zoning designation and does not speak to the legality of the current use of the subject property.

Site Map - Sudukum Apartments



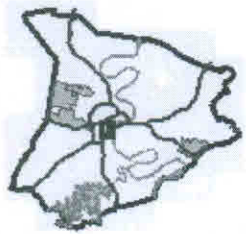
DISCLAIMER: The user understands that the entities which comprise Metropolitan Government make no representations as to the accuracy of the information in the mapping data, but rather, provide said information as is. The user knowingly waives any and all claims for damages against any and all of the entities comprising Metropolitan Government that may arise from the mapping data. This is not a legal document!

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Legend

- Street Names
- Airport
- Street Centerlines
- Railroad
- Interstates
- Planned Unit Developments
- Neighborhood Consers
- Lakes and Water Bodies
- Satellite Cities
- County Boundary



ENVIRONMENTAL ASSESSMENT

RENTAL ASSISTANCE DEMONSTRATION (RAD)

Sudekum Apartments
101 University Court
Nashville, TN 37210

LEAD BASED PAINT: The proposed site (40 buildings & 443 units) was tested and lead-based paint was detected on the interior and exterior. Some abatement was performed on the interior; however, additional interior & exterior abatement (cloths line poles) is needed. This property must show documentation that it has met lead-based paint regulations.

ASBESTOS: The proposed site was built in 1953 during a time of asbestos-containing materials (ACM) usage. Any ACM's that are to be impacted by the repairs should be removed by a licensed asbestos abatement contractor in accordance with all applicable local, state, and federal guidelines. Also, any remaining identified ACM's should be managed under a site-specific operations and maintenance program.

Metropolitan Development & Housing Agency, Nashville Tennessee, Lead Status Report (As of 5-1-15)

Development	Date Dev. Constructed	Dev. Tested for Lead	Lead Detected	Dev. Abated	Apt. Units in Dev.	Apt. Units With Lead Prior to Abatement	Apt. Units With Lead To Be Abated	Number of Buildings	Remarks
5-1 James A Cayce	1941	Yes	Yes	No	364	364	364	47	This development has had some interior lead abatement but additional minor abatement is needed for the interior and some exterior is need at clothes line poles This development has had 480 units and of those 378 are occupied and 102 have been demolished.
5-2 J.C. Napier	1941	Yes	Yes	Yes	378	480	0	42	
5-3 Edgell Homes	1952	Yes	Yes	1993	200	200		36	This development has had some interior lead abatement but additional minor abatement is needed for the interior and some exterior is need at clothes line poles
5-4 James A Cayce	1952	Yes	Yes	No	282	252	252	31	This development has had some interior lead abatement but additional minor abatement is needed for the interior and some exterior is need at clothes line poles.
5-5 Tony Stadium	1953	Yes	Yes	No	443	443	443	40	
5-6 John Henry Hale Homes	1953								This development demolished 2006 to be replaced by a HOPE VI Development
5-7 Sam Levy Homes	1953								This development demolished 2005 to be replaced by a HOPE VI Development
5-8 Preston Taylor Homes	1954								This development demolished 2002 to be replaced by a HOPE VI Development
5-9 James A Cayce	1954	Yes	Yes	No	100	100	100	13	This development has had some interior lead abatement but additional minor abatement is needed for the interior and some exterior is need at clothes line poles
5-10 Vine Hill Homes	1941								This development demolished 1999 to be replaced by a HOPE VI Development
5-11 Cheatham Place	1938	Yes	Yes	1998	314	314		61	
5-12 Andrew Jackson	1938	Yes	Yes	1999	374	374		50	
5-13 Edgell Manor	1985	Yes	Yes	2013	220	220		27	This development was renovate and lead was abated during the renovation process and development re-occupied by end of 2013.
5-14 LW Gemert	1985	Yes	No	2013	176	72		19	This development was renovate and minor lead @ cottages was abated during the renovation process and development re-occupied by end of 2013.
5-16 Cumberland View	1989	Yes	Yes	2004	226	226		40	
5-17 Edgell Homes	1970	Yes	Yes	No	180	180	180	26	This development has tested with very minimal lead, most areas are on exterior door frames and clothes line poles.
5-19 Hedley Park Towers	1970	Yes	Yes	No	154	154		1	
5-20 Madison Towers	1970	Yes	No	N/A	211			1	
5-21 Parkson Towers 1-14-05	1970	Yes	No	N/A	295			1	
5-22 Parkway Terrace	1971	Yes	Yes	06/07	125	125		27	This development was renovate and lead was abated during the renovation process and development re-occupied by end of 2007.
5-24 Vine Hill Towers	1978	Yes	No	N/A	147			1	
5-25 Neighborhood Housing	1986	No	N/A	N/A	70			35	Lead was not used after 1978 so this development was not effected.
5-27 Neighborhood Housing	1986	No	N/A	N/A	46			23	Lead was not used after 1978 so this development was not effected.
5-288 Carleen B. Waller Manor	1983	No	N/A	N/A	53			1	Lead was not used after 1978 so this development was not effected.
5-30 Neighborhood Housing	1988	No	N/A	N/A	46			22	Lead was not used after 1978 so this development was not effected.
5-31 Neighborhood Housing	1990	No	N/A	N/A	40			20	Lead was not used after 1978 so this development was not effected.
5-32 Neighborhood Housing	1992	No	N/A	N/A	50			26	Lead was not used after 1978 so this development was not effected.
5-34 Neighborhood Housing	1995	No	N/A	N/A	50			27	Lead was not used after 1978 so this development was not effected.
5-35 Neighborhood Housing	1996	No	N/A	N/A	50			29	Lead was not used after 1978 so this development was not effected.
5-36 Neighborhood Housing	1997	No	N/A	N/A	16			15	Lead was not used after 1978 so this development was not effected.
5-37 Vine Hill HOPE VI	2000	No	N/A	N/A	138			88	Lead was not used after 1978 so this development was not effected.
5-38 Preston Taylor HOPE VI	2000	No	N/A	N/A	170			51	Lead was not used after 1978 so this development was not effected.
5-39 Preston Taylor HOPE VI	2004	No	N/A	N/A	104			40	Lead was not used after 1978 so this development was not effected.
5-40 Preston Taylor HOPE VI	2003	No	N/A	N/A	6			3	Lead was not used after 1978 so this development was not effected.
5-41 Preston Taylor HOPE VI	2005	No	N/A	N/A	34			17	Lead was not used after 1978 so this development was not effected.
5-42 Sam Levy Homes HOPE VI	2007	No	N/A	N/A	181			97	Lead was not used after 1978 so this development was not effected.
May-43 John Henry Hale Apartments	2008	No	N/A	N/A	188			71	Lead was not used after 1978 so this development was not effected.
Total Units With Lead Prior to Abatement					5398	3584			
Total Units							1339		

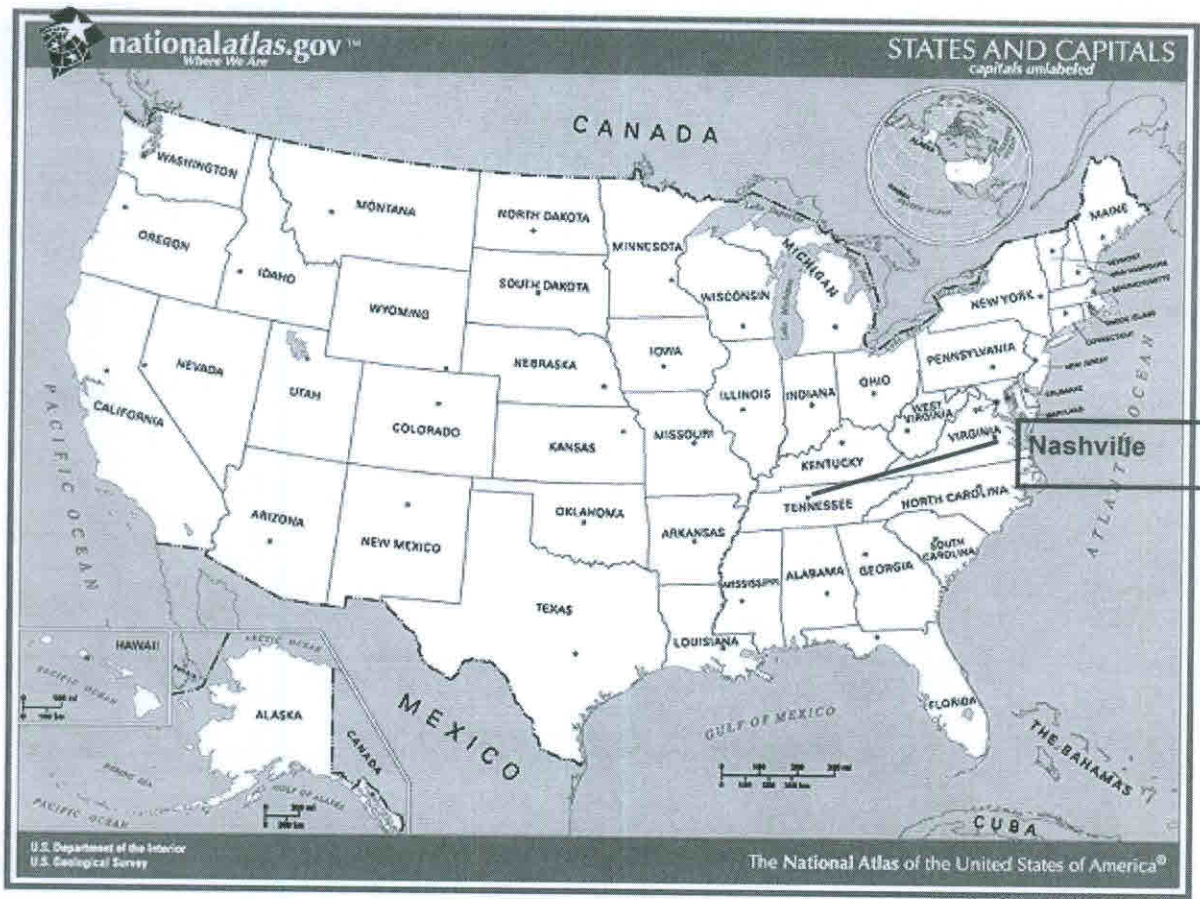
ENVIRONMENTAL REVIEW

SUDEKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210

COASTAL ZONE MANAGEMENT ACT &

COASTAL BARRIER RESOURCE ACT

NASHVILLE, TENNESSEE Distance from Coast



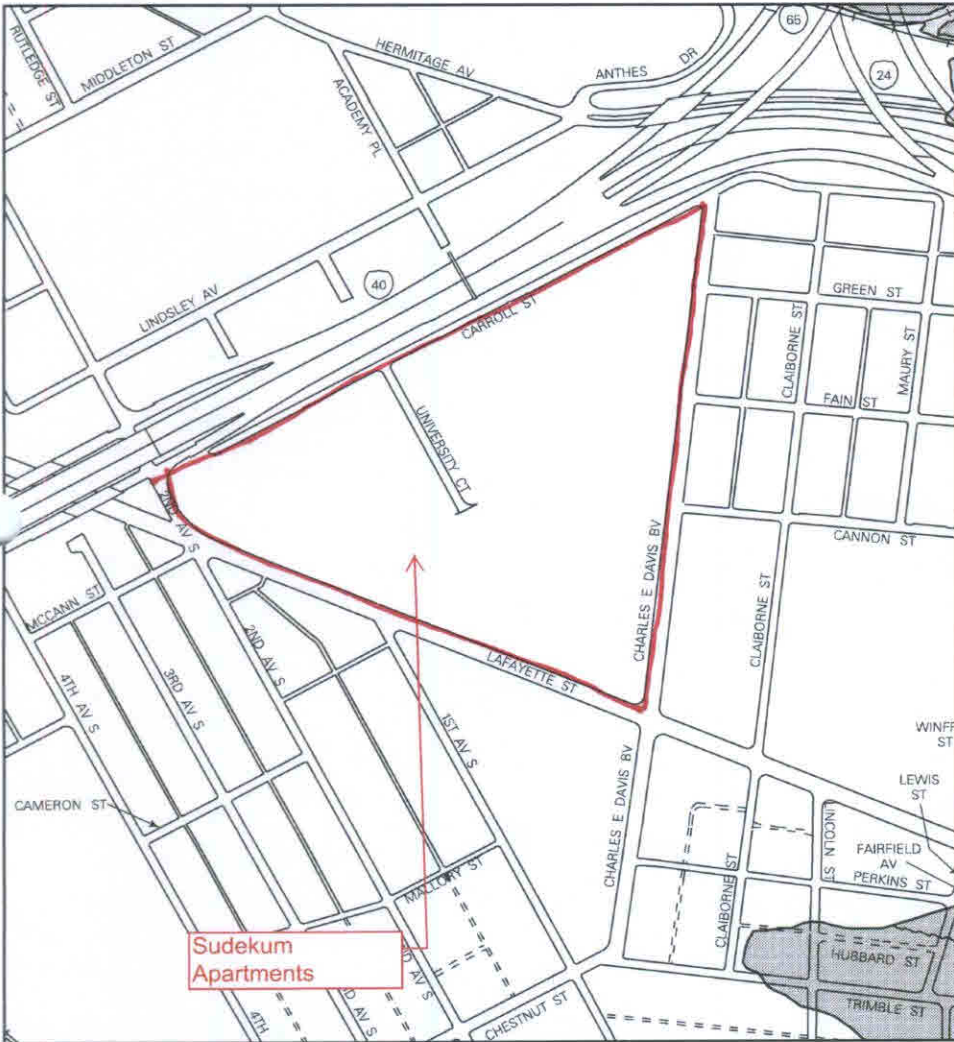
The State of Tennessee is not a coastal state and does not impact the Coastal Barriers Resources Act and the Coastal Zone Management Act.

ENVIRONMENTAL ASSESSMENT

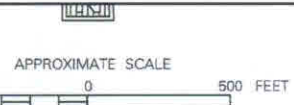
SUDEKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

The proposed location is not located within a FEMA designated floodplain or floodway. The FEMA map number is 47037C0219 F and the panel number is 219 of 453 (see attached Flood Insurance Rate Map).



Sudekum
Apartments



NATIONAL FLOOD INSURANCE PROGRAM

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

PANEL 219 OF 453

(SEE MAP INDEX FOR PANELS NOT PRINTED)
CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
BERRY HILL CITY OF	10048	329	F
NASHVILLE & DAVIDSON COUNTY	17060	329	F

MAP NUMBER
47037C0219 F

EFFECTIVE DATE:
APRIL 20, 2001



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MAIL On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

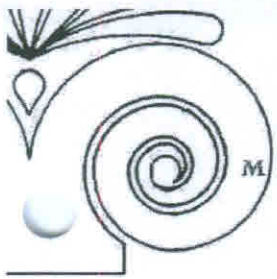
ENVIRONMENTAL ASSESSMENT

SUDEKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210

HISTORIC PRESERVATION

Proposed site was built in 1953 as per our programmatic agreement, a Section 106 review was performed by the Metropolitan Historic Commission (MHC) which indicated the proposed work will have no adverse effect on historic resources (see attached letter from MHC).

Programmatic Agreement is between the City of Nashville and the Tennessee State Historic Preservation Office (SHPO) (see attached agreement).



METROPOLITAN
HISTORICAL
COMMISSION

October 15, 2015

Mr. Jeff Cardwell
Metropolitan Development and Housing Authority
701 South Sixth Street
Nashville, TN 37206

Dear Mr. Cardwell,

As requested, we have reviewed the proposed repair work at the following complexes. It is the opinion of this office that while the following properties may be eligible for the National Register of Historic Places, the proposed rehabilitation work will have no adverse effect on historic resources. The properties under consideration include:

Andrew Jackson Courts, built c1938 (1457 Jackson Street)
Tony Sudekum Apartments, built c1953 (101 University Court)
Edgehill Homes and Apartments, built c1952 (712 South Sixth Street)
Napier Place, built c1941 (648 Claiborne Street)

Our comments are advisory only. The federal agency is responsible for determining if historic properties will be affected by the undertaking.

This information is being forwarded to Joe Garrison at the Tennessee Historical Commission, the state historic preservation office (SHPO), by copy of this letter. You should resubmit the information contained in this letter on your letterhead along with complete project information to the SHPO to proceed with review under Section 106. The SHPO will take this opinion under advisement.

If you need further information, please do not hesitate to contact our office.

Sincerely,

Tara Mitchell Mielnik, Ph.D.
Federal Programs Coordinator

CC: Dr. Joe Garrison, Tennessee Historical Commission

METROPOLITAN DEVELOPMENT & HOUSING AGENCY
701 SOUTH SIXTH STREET
NASHVILLE, TENNESSEE 37206
615-252-8416
615-252-8533 FAX

September 29, 2015

Dr. Tara Mitchell Mielnik
Metro Historical Commission
Sunnyside in Sevier Park
3000 Granny White Pike
Nashville, Tennessee 37204

Re: Section 106 Review/Rehabilitation/Eligibility

Dear Dr. Mielnik:

In accordance with our Programmatic Agreement, the Metropolitan Development & Housing Agency is asking for your Section 106 review for seven (7) public housing developments. Under the Rental Assistance Demonstration (RAD) program these site's will receive rehab assistance on the interior and exterior elements of each apartment. These sites are as follows:

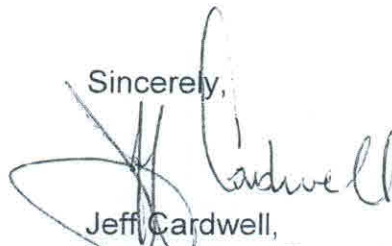
Cumberland View Edgefield Manor Cheatham Place Andrew Jackson Cts.
Gernert Studio Apts. Napier Place Sudekum Apartments

I have attached a list of critical and non-critical needs for each of these developments including the cost. Also, each site will have lead-based paint and asbestos assistance in accordance with all applicable local, state, and federal guidelines.

By this letter, we are asking the Metropolitan Historic Commission staff to evaluate the above in terms of eligibility or potential eligibility for the National Register of Historic Places. Also, will the actions of this activity adversely impact other historic places adjacent to, or within the general area to the proposed sites. The relevant opinions of the Metropolitan Government that are expressed in your review and comments will be documented in our report.

Thank you for your cooperation. If you have any questions, please contact me at 252-8416 or e-mail me at jcardwel@nashville-mdha.org.

Sincerely,



Jeff Cardwell,
Development Program Manager

ENVIRONMENTAL REVIEW

SUDEKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210

NOISE (24 CFR 51 B)

Proposed site is within the statutory distance of one (1) highway/roadway and one (1) active railroad track. The site distance was determined by google earth and other data was gathered from the Federal Railroad Administration (crossings #343636A) and Tennessee Department of Transportation (traffic station #229). This data was entered into HUD's Day/Night Noise Level calculator indicated a combined highway/roadway and railroad decibel level of 62.3 which is within the acceptable level (see attached noise data and calculations).

[Environmental Review Main \(/programs/environmental-review/\)](#)

DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the Day/Night Noise Level Calculator Electronic Assessment Tool Overview (<https://onecpd.info/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/>).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID
Record Date
User's Name

Road # 1 Name:

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="34"/>	<input type="text" value="34"/>	<input type="text" value="34"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text" value="55"/>	<input type="text" value="50"/>	<input type="text" value="45"/>
Average Daily Trips (ADT)	<input type="text" value="317"/>	<input type="text" value="7"/>	<input type="text" value="21"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text" value="15"/>	<input type="text" value="15"/>
Road Gradient (%)	<input type="text"/>	<input type="text"/>	<input type="text" value="2"/>
Vehicle DNL	55.8	38.4	60.5
Calculate Road #1 DNL	<input type="text" value="61.8"/>	<input type="text"/>	<input type="text" value="Reset"/>

Railroad #1 Track Identifier:

Rail # 1

Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance	<input type="text"/>	<input type="text" value="861"/>
Average Train Speed	<input type="text"/>	<input type="text" value="25"/>
Engines per Train	<input type="text"/>	<input type="text" value="2"/>
Railway cars per Train	<input type="text"/>	<input type="text" value="50"/>
Average Train Operations (ATO)	<input type="text"/>	<input type="text" value="12"/>
Night Fraction of ATO	<input type="text"/>	<input type="text" value="15"/>
Railway whistles or horns?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>

Bolted Tracks? Yes: No: Yes: No:

Train DNL 52.4

Calculate Rail #1 DNL

52.4

Reset

Add Road Source

Add Rail Source

Airport Noise Level

Loud Impulse Sounds?

Yes No

Combined DNL for all
Road and Rail sources

62.3

Combined DNL including Airport N/A

Site DNL with Loud Impulse Sound

Calculate

Mitigation Options

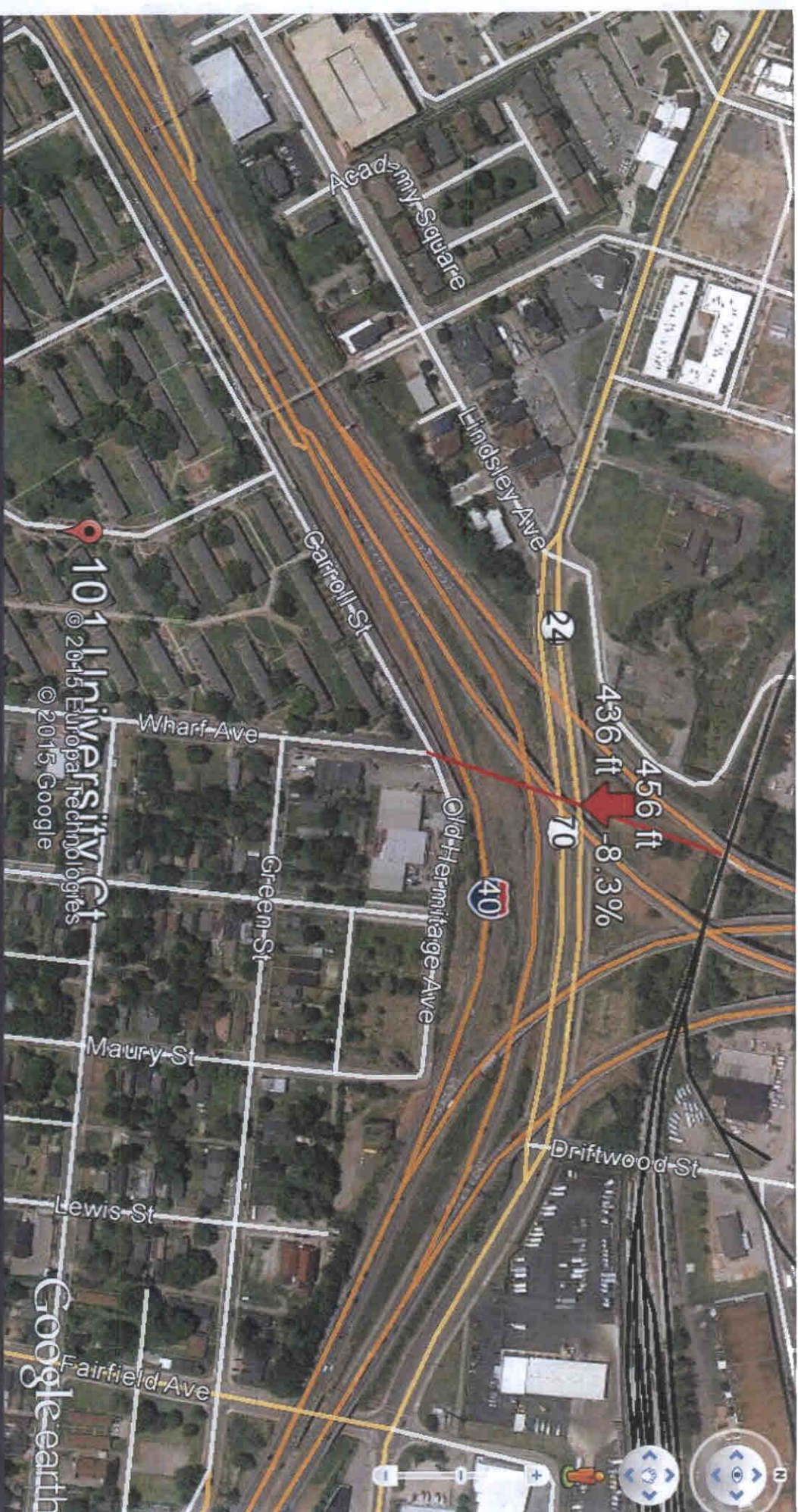
If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
 - Contact your Field or Regional Environmental Officer (<https://www.onecpd.info/programs/environmental-review/hud-environmental-staff-contacts/>)
 - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
 - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
 - Incorporate natural or man-made barriers. See *The Noise Guidebook* (<https://www.onecpd.info/resource/313/hud-noise-guidebook/>)
 - Construct noise barrier. See the Barrier Performance Module (<https://onecpd.info/programs/environmental-review/bpm-calculator/>)

Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (<https://www.onecpd.info/resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (<https://www.onecpd.info/resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

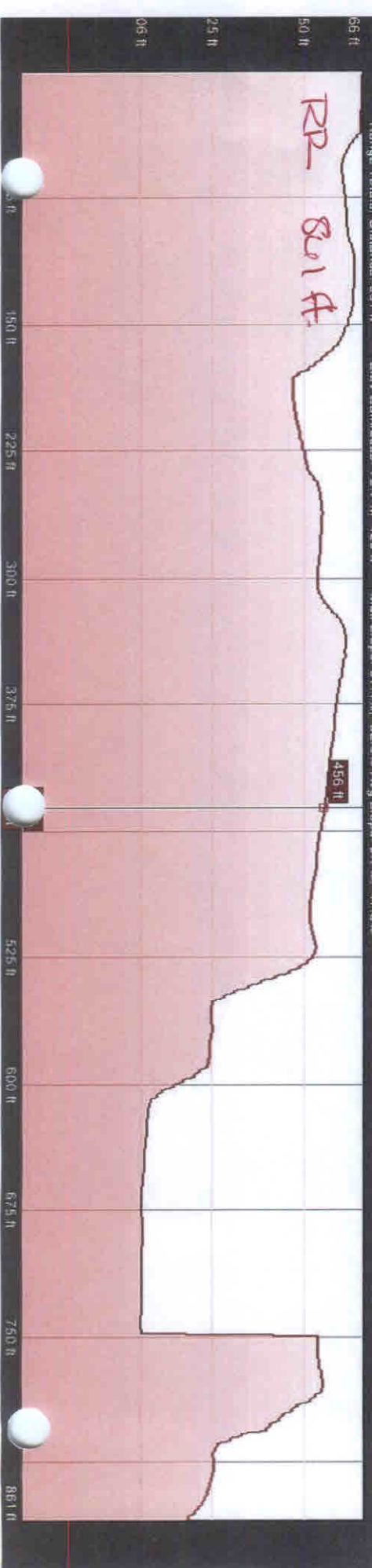


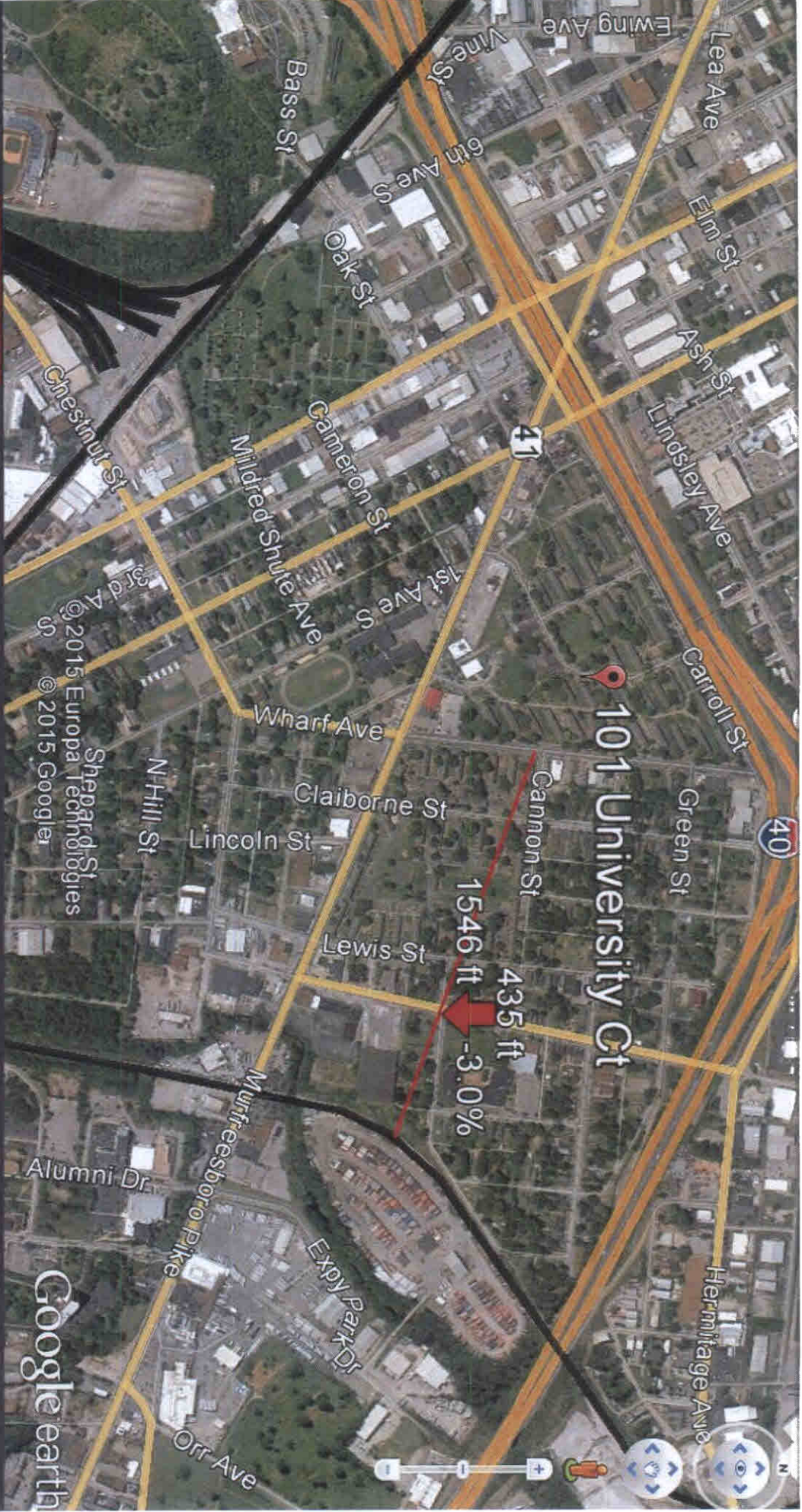
Graph Min. Avg. Max Elevation: 406, 444, 466 ft

Range Totals: Distance: 891 ft Elev Gain/Loss: 72.7 ft, -120 ft Max Slope: 97.4%, -82.5% Avg Slope: 9.7%, -17.6%

RP 801 ft

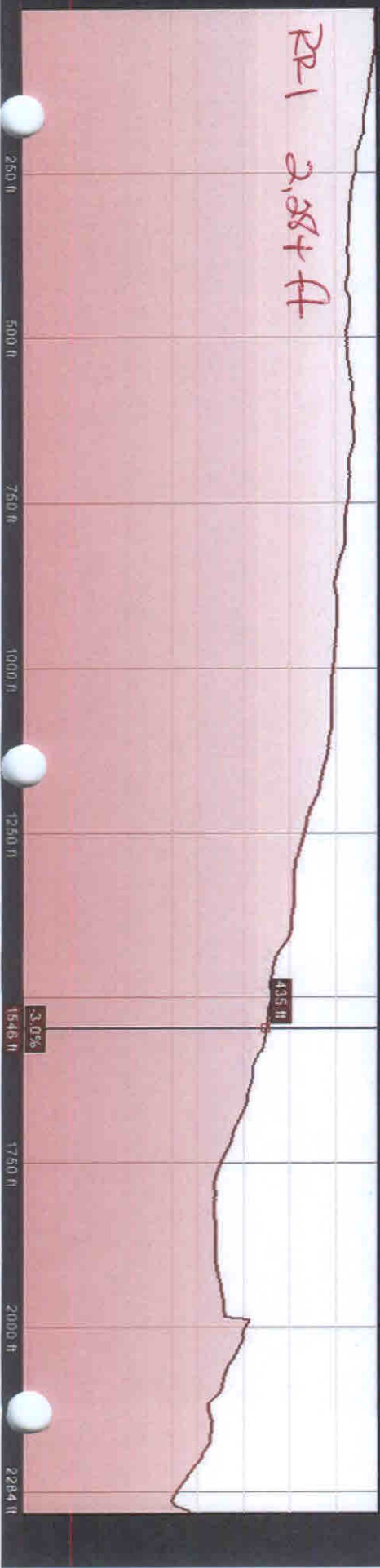
456 ft

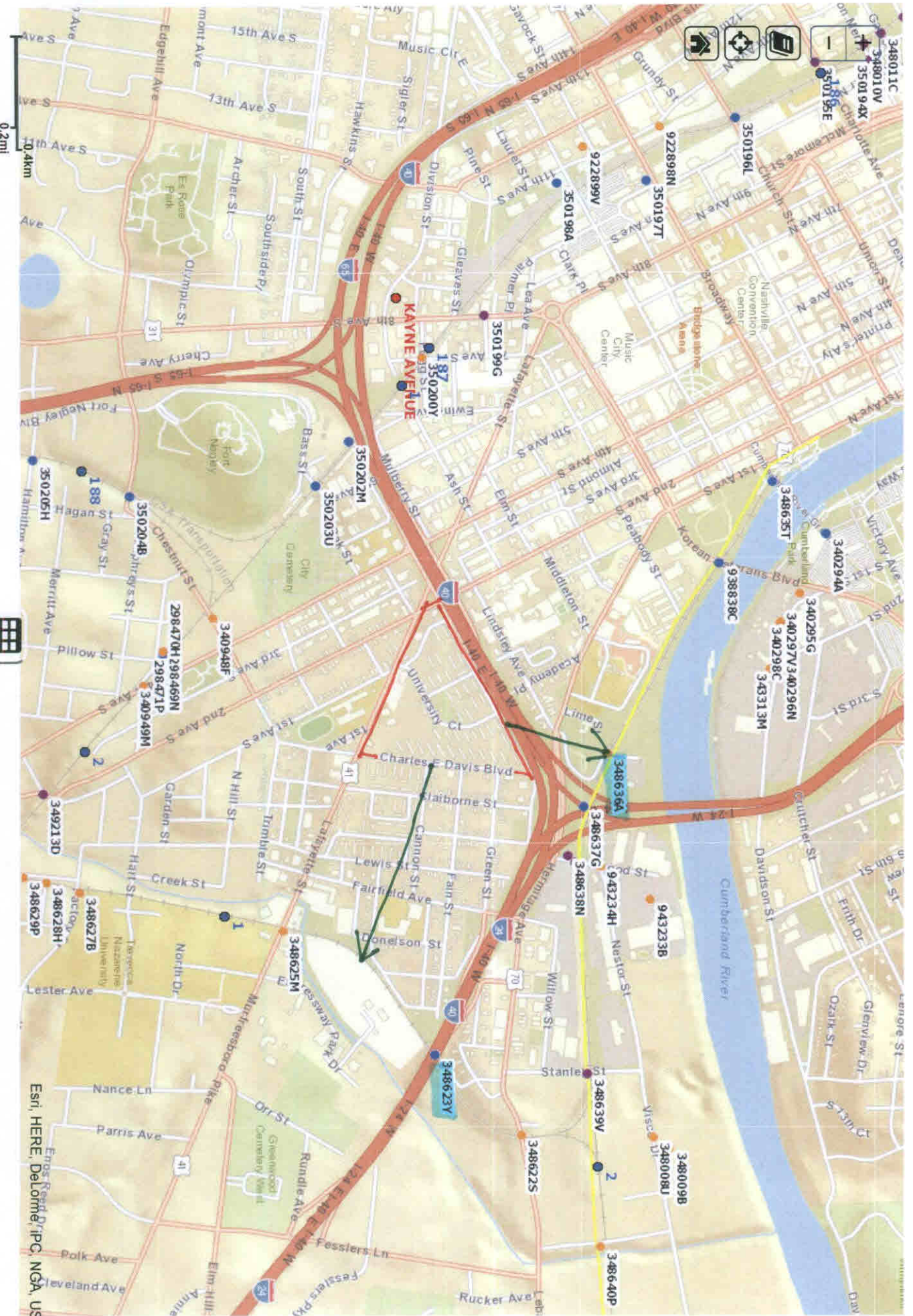




Graph Min. Avg. Max. Elevation: 414, 442, 450 ft
Range Total: Distance: 2284 ft Elev Gain/Loss: 22.1 ft, -63.3 ft Max Slope: 51.5%, -15.4%, Avg Slope: 2.8%, -3.5%

RP1 2,384 ft





U. S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY) 01 / 24 / 2013	B. Reporting Agency <input checked="" type="checkbox"/> Railroad <input type="checkbox"/> Transit <input type="checkbox"/> State <input type="checkbox"/> Other	C. Reason for Update (Select only one) <input checked="" type="checkbox"/> Change in Data <input type="checkbox"/> Re-Open <input type="checkbox"/> New Crossing <input type="checkbox"/> Date Change Only <input type="checkbox"/> Closed <input type="checkbox"/> Change in Primary Operating RR <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction	D. DOT Crossing Inventory Number 348636A
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Part I: Location and Classification Information

1. Primary Operating Railroad Nashville & Eastern Railroad Corp [NERR]		2. State TENNESSEE		3. County DAVIDSON	
4. City / Municipality <input checked="" type="checkbox"/> In <input type="checkbox"/> Near NASHVILLE		5. Street/Road Name & Block Number WHARF AVE <small>(Street/Road Name) * (Block Number)</small>		6. Highway Type & No.	
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR			8. Do Other Railroads Operate Over Your Track at Crossing? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Specify RR MCSX		
9. Railroad Division or Region <input type="checkbox"/> None		10. Railroad Subdivision or District <input type="checkbox"/> None		11. Branch or Line Name <input type="checkbox"/> None MAIN	
12. RR Milepost 0000.98 <small>(prefix) (nnnn.nnn) (suffix)</small>		13. Line Segment *		14. Nearest RR Timetable Station * NASHVILLE NARC	
15. Parent RR (if applicable) <input type="checkbox"/> N/A		16. Crossing Owner (if applicable) <input type="checkbox"/> N/A		17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	
18. Crossing Purpose <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.		19. Crossing Position <input checked="" type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over		20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input type="checkbox"/> No	
21. Type of Train <input type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter <input type="checkbox"/> Transit <input type="checkbox"/> Shared Use Transit <input checked="" type="checkbox"/> Tourist/Other		22. Average Passenger Train Count Per Day <input type="checkbox"/> Less Than One Per Day <input checked="" type="checkbox"/> Number Per Day 12		23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Recreational <input type="checkbox"/> RR Yard	
24. Is there an Adjacent Crossing with a Separate Number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Crossing Number			25. Quiet Zone (FRA provided) <input checked="" type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excused Date Established		
26. HSR Corridor ID <input type="checkbox"/> N/A		27. Latitude in decimal degrees (WGS84 std: nn.nnnnnnn) 36.1564250		28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnnn) -86.7623560	
29. Lat/Long Source <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Estimated		30.A. Railroad Use *		31.A. State Use *	
30.B. Railroad Use *		31.B. State Use *		30.C. Railroad Use *	
30.D. Railroad Use *		31.C. State Use *		30.D. Railroad Use *	
32.A. Narrative (Railroad Use) *		32.B. Narrative (State Use) *		33. Emergency Notification Telephone No. (posted)	
34. Railroad Contact (Telephone No.)		35. State Contact (Telephone No.) 615-741-9558			

Part II: Railroad Information

1. Estimated Number of Daily Train Movements				
1.A. Total Day Thru Trains (6 AM to 6 PM) 12	1.B. Total Night Thru Trains (6 PM to 6 AM) 0	1.C. Total Switching Trains 0	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day <input type="checkbox"/> How many trains per week?
2. Year of Train Count Data (YYYY)		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 50 3.B. Typical Speed Range Over Crossing (mph) From 5 to 50		
4. Type and Count of Tracks Main 1 Siding Yard Transit Industry				
5. Train Detection (Main Track only) <input type="checkbox"/> Constant Warning Time <input type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input checked="" type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None				
6. Is Track Signaled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.A. Event Recorder <input type="checkbox"/> Yes <input type="checkbox"/> No		7.B. Remote Health Monitoring <input type="checkbox"/> Yes <input type="checkbox"/> No

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) 01/24/2013	PAGE 2	D. Crossing Inventory Number (7 char.) 348636A
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Part III: Highway or Pathway Traffic Control Device Information

1. Are there Signs or Signals? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Types of Passive Traffic Control Devices associated with the Crossing				
	2.A. Crossbuck Assemblies (count) 3	2.B. STOP Signs (R1-1) (count) 0	2.C. YIELD Signs (R1-2) (count)	2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None <input checked="" type="checkbox"/> W10-1 _____ <input type="checkbox"/> W10-3 _____ <input type="checkbox"/> W10-11 _____ <input type="checkbox"/> W10-2 _____ <input type="checkbox"/> W10-4 _____ <input type="checkbox"/> W10-12 _____	
2.E. Low Ground Clearance Sign (W10-5) <input type="checkbox"/> Yes (count _____) <input checked="" type="checkbox"/> No	2.F. Pavement Markings <input type="checkbox"/> Stop Lines <input type="checkbox"/> Dynamic Envelope <input type="checkbox"/> RR Xing Symbols <input checked="" type="checkbox"/> None		2.G. Channelization Devices/Medians <input type="checkbox"/> All Approaches <input type="checkbox"/> Median <input type="checkbox"/> One Approach <input checked="" type="checkbox"/> None		2.H. EXEMPT Sign (R15-3) <input type="checkbox"/> Yes <input type="checkbox"/> No
2.J. Other MUTCD Signs <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify Type _____ Count _____ Specify Type _____ Count _____ Specify Type _____ Count _____			2.K. Private Crossing Signs (if private) <input type="checkbox"/> Yes <input type="checkbox"/> No	2.L. LED Enhanced Signs (List types)	
3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply)					
3.A. Gate Arms (count) Roadway <u>2</u> Pedestrian _____	3.B. Gate Configuration <input type="checkbox"/> 2 Quad <input type="checkbox"/> Full (Barrier) Resistance <input type="checkbox"/> 3 Quad <input type="checkbox"/> Median Gates <input type="checkbox"/> 4 Quad	3.C. Cantilevered (or Bridged) Flashing Light Structures (count) Over Traffic Lane <u>0</u> <input type="checkbox"/> Incandescent Not Over Traffic Lane <u>0</u> <input type="checkbox"/> LED		3.D. Mast Mounted Flashing Lights (count of masts) <u>2</u> <input type="checkbox"/> Incandescent <input type="checkbox"/> LED <input type="checkbox"/> Back Lights Included <input type="checkbox"/> Side Lights Included	3.E. Total Count of Flashing Light Pairs 4
3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) ____/____/____ <input type="checkbox"/> Not Required		3.G. Wayside Horn <input type="checkbox"/> Yes <input type="checkbox"/> No Installed on (MM/YYYY) ____/____/____		3.H. Highway Traffic Signals Controlling Crossing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.I. Bells (count) 2
3.J. Non-Train Active Warning <input type="checkbox"/> Flagging/Flagman <input type="checkbox"/> Manually Operated Signals <input type="checkbox"/> Watchman <input type="checkbox"/> Floodlighting <input type="checkbox"/> None				3.K. Other Flashing Lights or Warning Devices Count <u>0</u> Specify type _____	
4.A. Does nearby Hwy Intersection have Traffic Signals? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4.B. Hwy Traffic Signal Interconnection <input type="checkbox"/> Not Interconnected <input type="checkbox"/> For Traffic Signals <input type="checkbox"/> For Warning Signs	4.C. Hwy Traffic Signal Preemption <input type="checkbox"/> Simultaneous <input type="checkbox"/> Advance	5. Highway Traffic Pre-Signals <input type="checkbox"/> Yes <input type="checkbox"/> No Storage Distance * _____ Stop Line Distance * _____	6. Highway Monitoring Devices (Check all that apply) <input type="checkbox"/> Yes - Photo/Video Recording <input type="checkbox"/> Yes - Vehicle Presence Detection <input type="checkbox"/> None	

Part IV: Physical Characteristics

1. Traffic Lanes Crossing Railroad Number of Lanes <u>2</u> <input type="checkbox"/> One-way Traffic <input type="checkbox"/> Two-way Traffic <input type="checkbox"/> Divided Traffic	2. Is Roadway/Pathway Paved? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3. Does Track Run Down a Street? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Crossing Surface (on Main Track, multiple types allowed) Installation Date * (MM/YYYY) ____/____/____ Width * _____ Length * _____ <input type="checkbox"/> 1 Timber <input type="checkbox"/> 2 Asphalt <input checked="" type="checkbox"/> 3 Asphalt and Timber <input type="checkbox"/> 4 Concrete <input type="checkbox"/> 5 Concrete and Rubber <input type="checkbox"/> 6 Rubber <input type="checkbox"/> 7 Metal <input type="checkbox"/> 8 Unconsolidated <input type="checkbox"/> 9 Composite <input type="checkbox"/> 10 Other (specify) _____			
6. Intersecting Roadway within 500 feet? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Approximate Distance (feet) _____		7. Smallest Crossing Angle <input type="checkbox"/> 0° - 29° <input type="checkbox"/> 30° - 59° <input checked="" type="checkbox"/> 60° - 90°	
8. Is Commercial Power Available? * <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Part V: Public Highway Information

1. Highway System <input type="checkbox"/> (01) Interstate Highway System <input type="checkbox"/> (02) Other Nat Hwy System (NHS) <input type="checkbox"/> (03) Federal AID, Not NHS <input checked="" type="checkbox"/> (08) Non-Federal Aid	2. Functional Classification of Road at Crossing <input type="checkbox"/> (0) Rural <input checked="" type="checkbox"/> (1) Urban <input type="checkbox"/> (1) Interstate <input type="checkbox"/> (5) Major Collector <input type="checkbox"/> (2) Other Freeways and Expressways <input type="checkbox"/> (3) Other Principal Arterial <input type="checkbox"/> (6) Minor Collector <input type="checkbox"/> (4) Minor Arterial <input checked="" type="checkbox"/> (7) Local	3. Is Crossing on State Highway System? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4. Highway Speed Limit 15 MPH <input checked="" type="checkbox"/> Posted <input type="checkbox"/> Statutory
7. Annual Average Daily Traffic (AADT) Year <u>2007</u> AADT <u>000080</u>		8. Estimated Percent Trucks <u>04</u> %	
9. Regularly Used by School Buses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Average Number per Day <u>0</u>		10. Emergency Services Route <input type="checkbox"/> Yes <input type="checkbox"/> No	

Submission Information - This information is used for administrative purposes and is not available on the public website.

Submitted by _____ Organization _____ Phone _____ Date _____

Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.

U. S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Part I, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY) 09 / 24 / 2010	B. Reporting Agency <input type="checkbox"/> Railroad <input type="checkbox"/> Transit <input checked="" type="checkbox"/> State <input type="checkbox"/> Other	C. Reason for Update (Select only one) <input checked="" type="checkbox"/> Change in Data <input type="checkbox"/> New Crossing <input type="checkbox"/> Closed <input type="checkbox"/> Re-Open <input type="checkbox"/> Date Change Only <input type="checkbox"/> Change in Primary Operating RR <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction	D. DOT Crossing Inventory Number 348623Y
---	--	---	--

Part I: Location and Classification Information

1. Primary Operating Railroad Nashville & Eastern Railroad Corp [NERR]		2. State TENNESSEE		3. County DAVIDSON	
4. City / Municipality <input checked="" type="checkbox"/> In <input type="checkbox"/> Near NASHVILLE		5. Street/Road Name & Block Number I 24 / I 40 (Street/Road Name) *(Block Number)		6. Highway Type & No. I 40	
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Specify RR			8. Do Other Railroads Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Specify RR		
9. Railroad Division or Region <input type="checkbox"/> None MOBILE SL		10. Railroad Subdivision or District <input type="checkbox"/> None CHATTANOOGA		11. Branch or Line Name <input type="checkbox"/> None VINE HILL CONN	
12. RR Milepost 0002.23 (prefix) (nnnn.nnn) (suffix)		13. Line Segment * ONT		14. Nearest RR Timetable Station * NASHVILLE NARC	
15. Parent RR (if applicable) <input type="checkbox"/> N/A		16. Crossing Owner (if applicable) <input type="checkbox"/> N/A		17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	
18. Crossing Purpose <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.		19. Crossing Position <input checked="" type="checkbox"/> RR Under <input type="checkbox"/> RR Over		20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input type="checkbox"/> No	
21. Type of Train <input type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter		22. Average Passenger Train Count Per Day <input type="checkbox"/> Less Than One Per Day <input type="checkbox"/> Number Per Day 0		23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Recreational <input type="checkbox"/> RR Yard	

24. Is there an Adjacent Crossing with a Separate Number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Crossing Number		25. Quiet Zone (FRA provided) <input checked="" type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excused Date Established	
---	--	--	--

26. HSR Corridor ID <input type="checkbox"/> N/A		27. Latitude in decimal degrees (WGS84 std: nn.nnnnnn) 36.1511500		28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnn) -86.7508200		29. Lat/Long Source <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Estimated	
---	--	--	--	--	--	--	--

30.A. Railroad Use *		31.A. State Use *	
30.B. Railroad Use *		31.B. State Use *	
30.C. Railroad Use *		31.C. State Use *	
30.D. Railroad Use *		31.D. State Use *	

32.A. Narrative (Railroad Use) *		32.B. Narrative (State Use) *	
----------------------------------	--	-------------------------------	--

33. Emergency Notification Telephone No. (posted)		34. Railroad Contact (Telephone No.)		35. State Contact (Telephone No.) 615-741-9558	
---	--	--------------------------------------	--	---	--

Part II: Railroad Information

1. Estimated Number of Daily Train Movements				
1.A. Total Day Thru Trains (6 AM to 6 PM) 0	1.B. Total Night Thru Trains (6 PM to 6 AM) 0	1.C. Total Switching Trains 0	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day How many trains per week? <input type="checkbox"/>
2. Year of Train Count Data (YYYY)		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 0 3.B. Typical Speed Range Over Crossing (mph) From 0 to 0		
4. Type and Count of Tracks Main 0 Siding Yard Transit Industry				
5. Train Detection (Main Track only) <input type="checkbox"/> Constant Warning Time <input type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None				
6. Is Track Signaled? <input type="checkbox"/> Yes <input type="checkbox"/> No		7.A. Event Recorder <input type="checkbox"/> Yes <input type="checkbox"/> No		7.B. Remote Health Monitoring <input type="checkbox"/> Yes <input type="checkbox"/> No

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) 09/24/2010	PAGE 2	D. Crossing Inventory Number (7 char.) 348623Y
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Part III: Highway or Pathway Traffic Control Device Information

1. Are there Signs or Signals? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Types of Passive Traffic Control Devices associated with the Crossing <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"> 2.A. Crossbuck Assemblies (count) 0 </td> <td style="width: 15%;"> 2.B. STOP Signs (R1-1) (count) 0 </td> <td style="width: 15%;"> 2.C. YIELD Signs (R1-2) (count) </td> <td colspan="3"> 2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None <input type="checkbox"/> W10-1 <input type="checkbox"/> W10-3 <input type="checkbox"/> W10-11 <input type="checkbox"/> W10-2 <input type="checkbox"/> W10-4 <input type="checkbox"/> W10-12 </td> </tr> </table>					2.A. Crossbuck Assemblies (count) 0	2.B. STOP Signs (R1-1) (count) 0	2.C. YIELD Signs (R1-2) (count)	2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None <input type="checkbox"/> W10-1 <input type="checkbox"/> W10-3 <input type="checkbox"/> W10-11 <input type="checkbox"/> W10-2 <input type="checkbox"/> W10-4 <input type="checkbox"/> W10-12		
2.A. Crossbuck Assemblies (count) 0	2.B. STOP Signs (R1-1) (count) 0	2.C. YIELD Signs (R1-2) (count)	2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None <input type="checkbox"/> W10-1 <input type="checkbox"/> W10-3 <input type="checkbox"/> W10-11 <input type="checkbox"/> W10-2 <input type="checkbox"/> W10-4 <input type="checkbox"/> W10-12								
2.E. Low Ground Clearance Sign (W10-5) <input type="checkbox"/> Yes (count _____) <input type="checkbox"/> No	2.F. Pavement Markings <input type="checkbox"/> Stop Lines <input type="checkbox"/> Dynamic Envelope <input type="checkbox"/> RR Xing Symbols <input type="checkbox"/> None		2.G. Channelization Devices/Medians <input type="checkbox"/> All Approaches <input type="checkbox"/> Median <input type="checkbox"/> One Approach <input type="checkbox"/> None		2.H. EXEMPT Sign (R15-3) <input type="checkbox"/> Yes <input type="checkbox"/> No						
2.J. Other MUTCD Signs <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify Type _____ Count _____ Specify Type _____ Count _____ Specify Type _____ Count _____			2.K. Private Crossing Signs (if private) <input type="checkbox"/> Yes <input type="checkbox"/> No	2.L. LED Enhanced Signs (List types)							

3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply)					
3.A. Gate Arms (count) Roadway 0 Pedestrian _____	3.B. Gate Configuration <input type="checkbox"/> 2 Quad <input type="checkbox"/> Full (Barrier) Resistance <input type="checkbox"/> 3 Quad <input type="checkbox"/> Median Gates <input type="checkbox"/> 4 Quad	3.C. Cantilevered (or Bridged) Flashing Light Structures (count) Over Traffic Lane 0 <input type="checkbox"/> Incandescent Not Over Traffic Lane 0 <input type="checkbox"/> LED	3.D. Mast Mounted Flashing Lights (count of masts) 0 <input type="checkbox"/> Incandescent <input type="checkbox"/> LED <input type="checkbox"/> Back Lights Included <input type="checkbox"/> Side Lights Included	3.E. Total Count of Flashing Light Pairs 0	
3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) ____/____/____ <input type="checkbox"/> Not Required		3.G. Wayside Horn <input type="checkbox"/> Yes <input type="checkbox"/> No Installed on (MM/YYYY) ____/____/____		3.H. Highway Traffic Signals Controlling Crossing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3.J. Non-Train Active Warning <input type="checkbox"/> Flagger/Flagman <input type="checkbox"/> Manually Operated Signals <input type="checkbox"/> Watchman <input type="checkbox"/> Floodlighting <input type="checkbox"/> None			3.K. Other Flashing Lights or Warning Devices Count 0 Specify type _____		
4.A. Does nearby Hwy Intersection have Traffic Signals? <input type="checkbox"/> Yes <input type="checkbox"/> No	4.B. Hwy Traffic Signal Interconnection <input type="checkbox"/> Not Interconnected <input type="checkbox"/> For Traffic Signals <input type="checkbox"/> For Warning Signs	4.C. Hwy Traffic Signal Preemption <input type="checkbox"/> Simultaneous <input type="checkbox"/> Advance	5. Highway Traffic Pre-Signals <input type="checkbox"/> Yes <input type="checkbox"/> No Storage Distance * _____ Stop Line Distance * _____	6. Highway Monitoring Devices (Check all that apply) <input type="checkbox"/> Yes - Photo/Video Recording <input type="checkbox"/> Yes - Vehicle Presence Detection <input type="checkbox"/> None	

Part IV: Physical Characteristics

1. Traffic Lanes Crossing Railroad Number of Lanes _____ <input type="checkbox"/> One-way Traffic <input type="checkbox"/> Two-way Traffic <input type="checkbox"/> Divided Traffic	2. Is Roadway/Pathway Paved? <input type="checkbox"/> Yes <input type="checkbox"/> No	3. Does Track Run Down a Street? <input type="checkbox"/> Yes <input type="checkbox"/> No	4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail) <input type="checkbox"/> Yes <input type="checkbox"/> No
5. Crossing Surface (on Main Track, multiple types allowed) Installation Date * (MM/YYYY) ____/____/____ Width * _____ Length * _____ <input type="checkbox"/> 1 Timber <input type="checkbox"/> 2 Asphalt <input type="checkbox"/> 3 Asphalt and Timber <input type="checkbox"/> 4 Concrete <input type="checkbox"/> 5 Concrete and Rubber <input type="checkbox"/> 6 Rubber <input type="checkbox"/> 7 Metal <input type="checkbox"/> 8 Unconsolidated <input type="checkbox"/> 9 Composite <input type="checkbox"/> 10 Other (specify) _____			
6. Intersecting Roadway within 500 feet? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Approximate Distance (feet) _____		7. Smallest Crossing Angle <input type="checkbox"/> 0° - 29° <input type="checkbox"/> 30° - 59° <input type="checkbox"/> 60° - 90°	
8. Is Commercial Power Available? * <input type="checkbox"/> Yes <input type="checkbox"/> No			

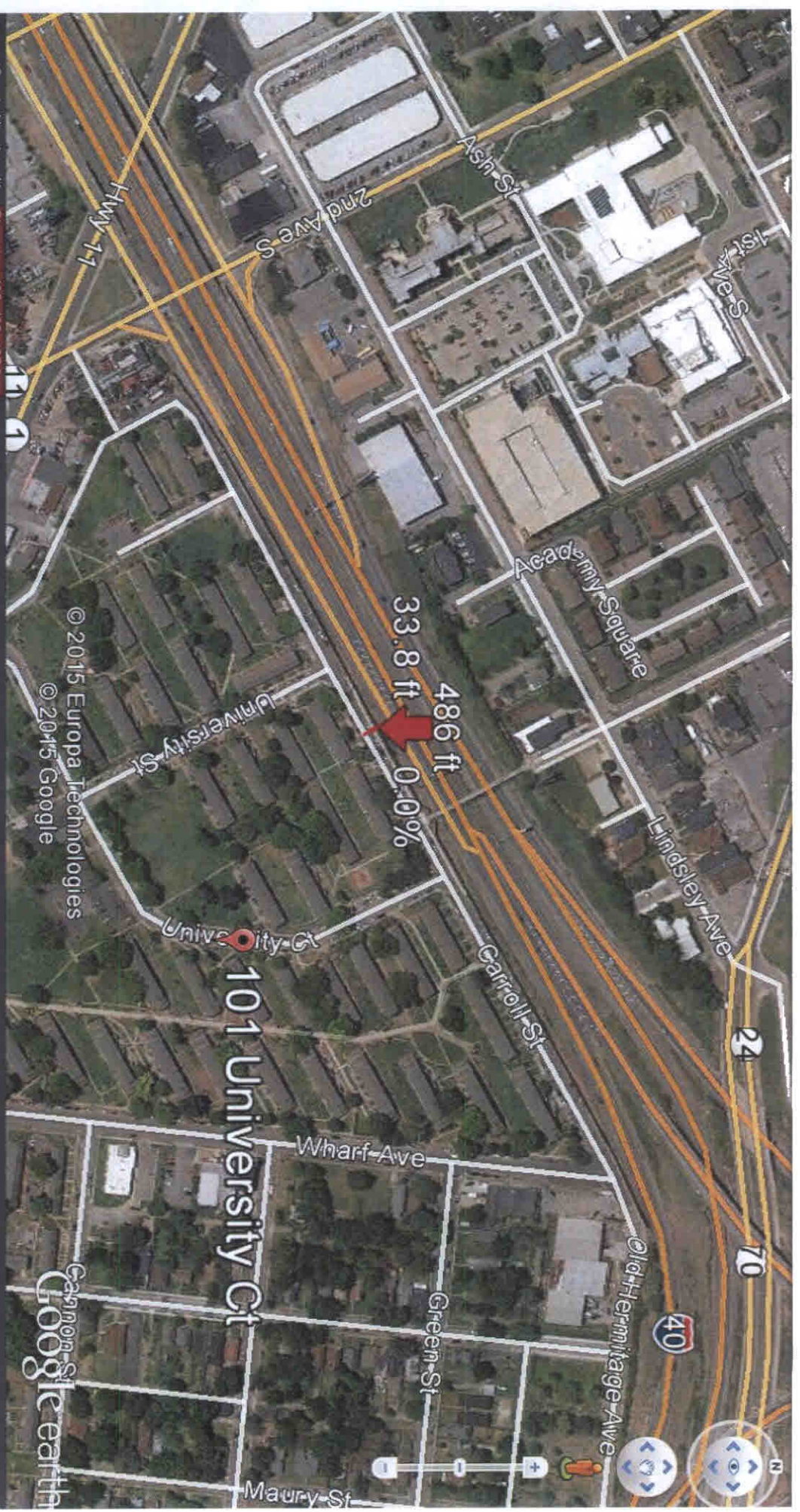
Part V: Public Highway Information

1. Highway System <input type="checkbox"/> (01) Interstate Highway System <input type="checkbox"/> (02) Other Nat Hwy System (NHS) <input type="checkbox"/> (03) Federal AID, Not NHS <input type="checkbox"/> (08) Non-Federal Aid	2. Functional Classification of Road at Crossing <input type="checkbox"/> (0) Rural <input type="checkbox"/> (1) Urban <input type="checkbox"/> (1) Interstate <input type="checkbox"/> (5) Major Collector <input type="checkbox"/> (2) Other Freeways and Expressways <input type="checkbox"/> (3) Other Principal Arterial <input type="checkbox"/> (6) Minor Collector <input type="checkbox"/> (4) Minor Arterial <input type="checkbox"/> (7) Local	3. Is Crossing on State Highway System? <input type="checkbox"/> Yes <input type="checkbox"/> No	4. Highway Speed Limit System _____ MPH <input type="checkbox"/> Posted <input type="checkbox"/> Statutory
7. Annual Average Daily Traffic (AADT) Year 1970 AADT _____		8. Estimated Percent Trucks _____ %	
9. Regularly Used by School Buses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Average Number per Day 0		10. Emergency Services Route <input type="checkbox"/> Yes <input type="checkbox"/> No	

Submission Information - This information is used for administrative purposes and is not available on the public website.

Submitted by _____ Organization _____ Phone _____ Date _____

Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.



Graph: Min, Avg, Max Elevation: 485, 486, 487 ft
Range Totals: Distance: 66.6 ft | Elev Gain/Loss: 3.17 ft, -2.79 ft | Max Slope: ...
Avg Slope: ...

486 ft

Highway
7.5 ft
15 ft
22.5 ft
30 ft
37.5 ft
45 ft
52.5 ft
60 ft
66.6 ft

7.5 ft
15 ft
22.5 ft
30 ft
37.5 ft
45 ft
52.5 ft
60 ft
66.6 ft

7.5 ft
15 ft
22.5 ft
30 ft
37.5 ft
45 ft
52.5 ft
60 ft
66.6 ft

© 2015 Europa Technologies
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101 University Ct

Google earth



Traffic History

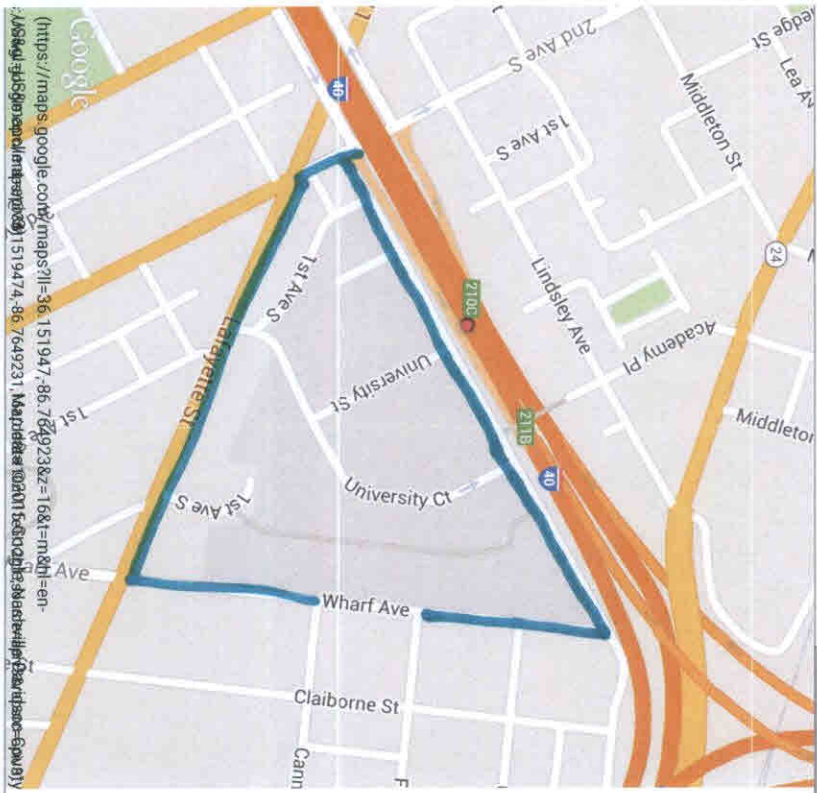
Sudekum Apts

Traffic History reflects the Annual Average Daily Traffic (AADT) count along specific locations on Tennessee's road network

View stations on map:

Non-Map Record Search:

Station Number:



Station	Route	Location	County
600229	10040	Location W OF HERMITAGE	Davidson
2014	125838		
2013	124499		
2012	128153		
2011	134623		
2010	114229		
2009	116009		
2008	111638		
2007	120993		
2006	110036		
2005	108604		
2004	114963		
2003	113744		
2002	114275		
2001	110200		
2000	120724		
1999	121203		
1998	121413		
1997	119764		
1996	115295		

Download File: (/APPLICATIONS/Files/Tfchist.kmz) Open With: (https://earth.google.com/)

KML (/APPLICATIONS/Files/Tfchist.kmz)

ESRI Geodatabase (/APPLICATIONS/Files/TfchistFGDB.zip) ESRI Shapefile (/APPLICATIONS/Files/TfchistSHP.zip) ArcGIS Explorer (http://www.esri.com/software/arcgis/explorer/index.html) Database Tab MS Access or E

Country

DAVIDSON	10040	9.65	12.47	2014
DAVIDSON	10040	12.47	13.33	2014
DAVIDSON	10040	13.33	14.36	2014
DAVIDSON	10040	14.36	15.33	2014
DAVIDSON	10040	15.33	16.3	2014
DAVIDSON	10040	16.3	17.108	2014
DAVIDSON	10040	17.108	17.52	2014
DAVIDSON	10040	17.52	18.47	2014
DAVIDSON	10040	18.47	19.42	2014
DAVIDSON	10040	19.42	19.72	2014
DAVIDSON	10040	19.72	20.55	2014
DAVIDSON	10040	20.55	21.58	2014
DAVIDSON	10040	21.58	23.31	2014
DAVIDSON	10040	23.31	24.67	2014
DAVIDSON	10040	24.67	25.06	2014
DAVIDSON	10040	25.06	27.47	2014
DAVIDSON	10040	27.47	29.35	2014
DAVIDSON	10040	29.35	31.22	2014
DAVIDSON	10065	0	0.28	2014
DAVIDSON	10065	0.28	3.55	2014
DAVIDSON	10065	3.55	4.883	2014
DAVIDSON	10065	4.883	5.99	2014
DAVIDSON	10065	5.99	7.29	2014
DAVIDSON	10065	7.29	8.44	2014
DAVIDSON	10065	8.44	9.32	2014
DAVIDSON	10065	9.32	10.88	2014
DAVIDSON	10065	10.88	11.72	2014
DAVIDSON	10065	11.72	13.01	2014
DAVIDSON	10065	13.01	14.74	2014
DAVIDSON	10065	14.74	16.65	2014
DAVIDSON	10065	16.65	19.62	2014
DAVIDSON	10065	19.62	20.28	2014
DAVIDSON	10065	20.28	21.45	2014
DAVIDSON	10065	21.45	22.17	2014
DAVIDSON	10440	0	1.5	2014
DAVIDSON	10440	1.5	2.86	2014

ABDT

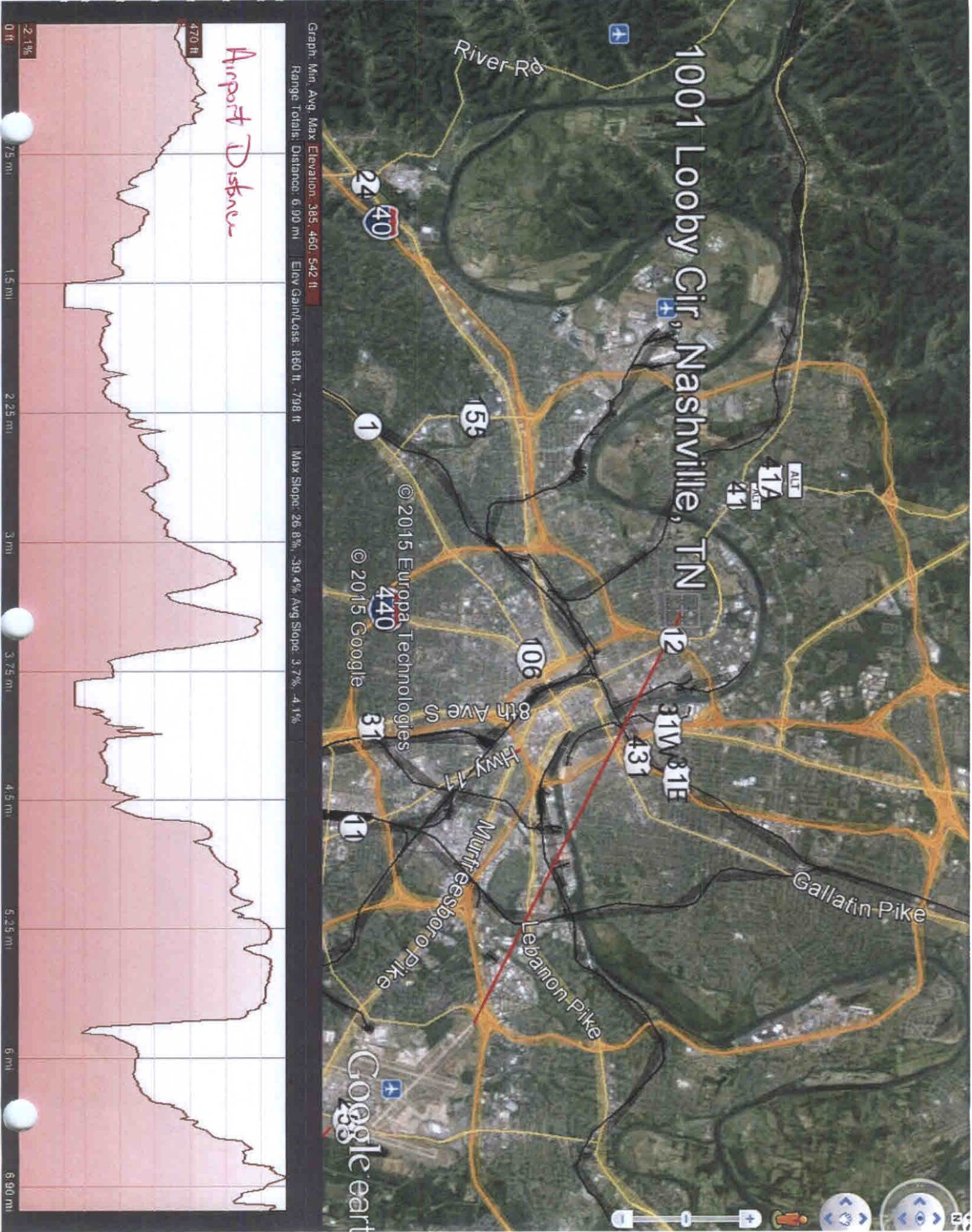
93290	2014	76
116530	2014	83
116960	2014	84
85160	2014	79
87690	2014	76
101770	2014	91
76050	2014	87
130380	2014	92
125840	2014	92
169090	2014	93
176490	2014	95
153420	2014	93
143470	2014	92
143370	2014	92
128890	2014	91
121590	2014	91
120720	2014	91
84890	2014	86
143250	2014	93
158330	2014	93
164740	2014	93
168660	2014	93
129870	2014	94
114040	2014	94
98640	2014	94
97380	2014	92
164670	2014	96
141180	2014	83
95820	2014	75
152350	2014	84
149080	2014	83
88440	2014	84
86940	2014	83
82300	2014	82
79340	2014	92
87540	2014	93

%

%

$$\begin{array}{r} 115,173 \\ \underline{- 317} \\ 317 \end{array}$$

$$\begin{array}{r} 2,517 \\ \underline{- 345} \\ 7 \end{array}$$



1001 Looby Cir, Nashville, TN

River Rd

Gallatin Pike

106

Murfreesboro Pike

8th Ave S

Hwy 11

Lebanon Pike

40

1

153

31

11

Google earth

Graph: Min, Avg, Max Elevation: 385, 460, 542 ft

Range Total: Distance: 6.90 mi Elev Gain/Loss: 860 ft, -798 ft Max Slope: 26.8%, -39.4%, Avg Slope: 3.7%, -4.1%

Airport Diskner

470 ft

-2.1%

0 ft 0.75 mi 1.5 mi 2.25 mi 3 mi 3.75 mi 4.5 mi 5.25 mi 6 mi 6.90 mi

ENVIRONMENTAL REVIEW

SUDEKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210

AIRPORT CLEAR ZONES/AIRPORT HAZARDS

24 CFR PART 51 D

The Nashville International Airport owns all land that extends 2,700 feet beyond the end of each runway. These areas falls within the 65, 70, and 75 DNL contour boundaries. Also, the John C. Tune airport is an expansion airport for the Nashville International Airport and is located in a bend of the Cumberland River which provides its north and south boundaries. The west boundary is a government facility and river. The east boundary is vacant and industrial land that extends 2,500 feet before residential properties are encountered (see attached airport data).

METROPOLITAN DEVELOPMENT & HOUSING AGENCY

Interoffice Memorandum

February 21, 2012

TO: File


FROM: Jeff Cardwell, Development Program Manager

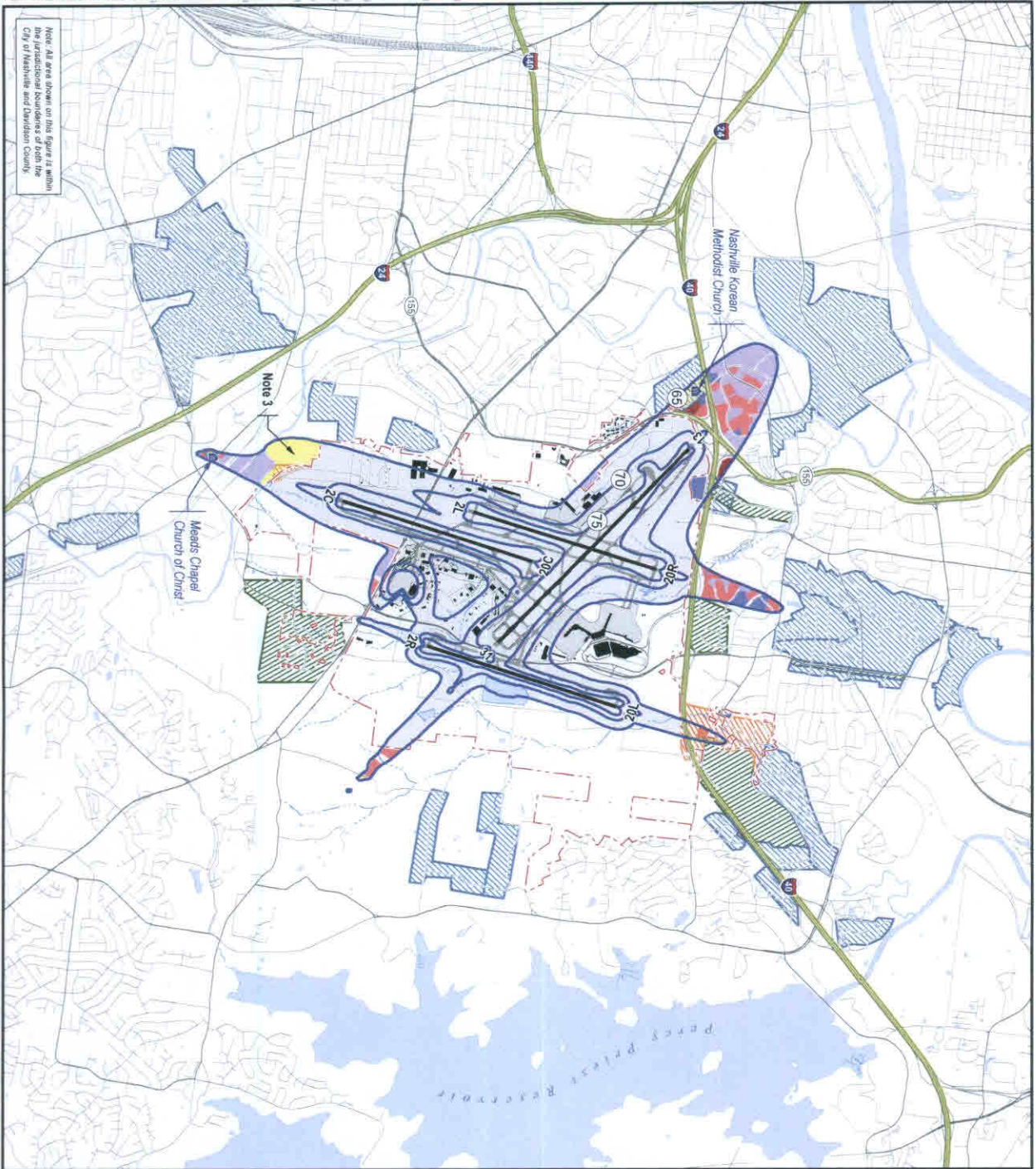
SUBJECT: Airport Clear Zones
Nashville International Airport
John C. Tune Airport

On this day, I spoke with Butch Gelband of Nashville International Airport. John C. Tune Airport is an expansion airport for Nashville International Airport.

I discussed the Airport Clear Zones at both airports (Noise Exposure Contour zones) Mr. Gelband states that Nashville International Airport owns all land within 2,700 feet of each runway. All land that falls within the 65, 70 and 75 DNL boundary consists of commercial/industrial uses or mitigation areas. These areas extend up to 10 miles past the runways.

John C. Tune airport is located within a bend in the Cumberland River which provides its north and south boundaries. The west boundary is a government facility and the Cumberland River. The east boundary is vacant and industrial land that reached 2,500 + feet before residential properties are encountered.


Jeff Cardwell




Note: All areas shown on this figure lie within the jurisdictional boundaries of both the City of Nashville and Davidson County.

Note 3

Meads Chapel Church of Christ

Nashville Korean Methodist Church




Metropolitan Nashville Airport Authority

<p>Previously Approved Mitigation Areas</p> <ul style="list-style-type: none"> Transition Area Sound Insulation / Residential Property Sales Assistance Program Acquisition of Residential Uses in Approach Areas 	<ul style="list-style-type: none"> 65-75 dB DNL Contours Airport Property Runway Buildings Interstate Collector Roads Railroad Water Bodies County Boundary Residential Mobile Home Transient Lodging Recreational / Open Space Taxiway Apron US / State highways Local Roads River / Streams Manufacturing and Production Public Use
--	---


Notes:

1. The only discrete noise-sensitive properties within the 65 dB DNL contour are the two labeled places of worship. The Nashville Korean Methodist Church is compatible because the owner obtained a prior MAAA offer for sound-insulation treatment.
2. There are no properties on or eligible for inclusion on the National Register of Historic Places within the 65 dB DNL contour.
3. The designated area is undeveloped and in the process of being rezoned to a compatible Industrial, Warehousing, and Distribution category.

Data Source: Metropolitan Nashville Airport Authority, Metro Davidson County Planning Environmental Systems Research Institute (ESRI).



0 4,000 8,000 Feet



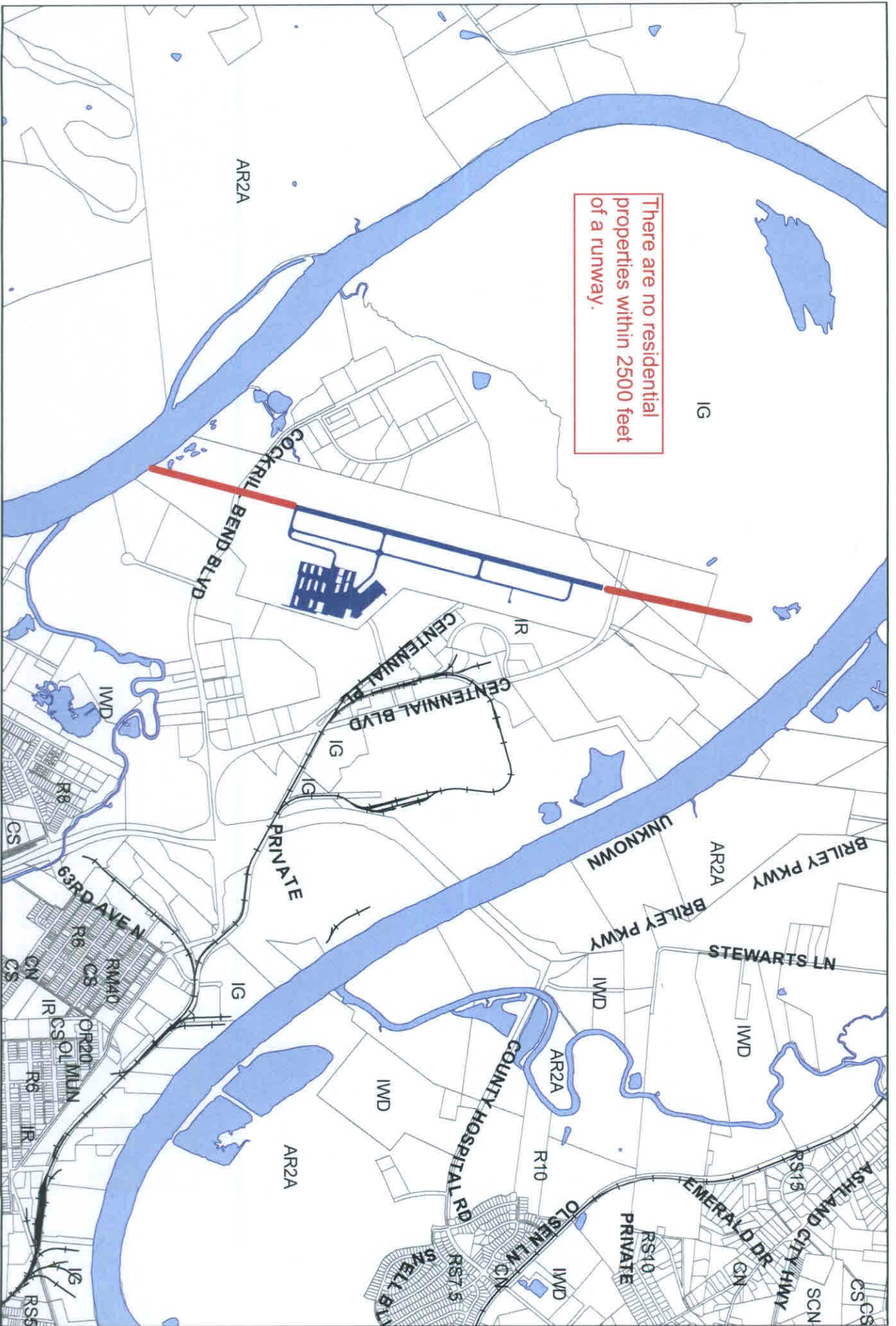
N

Existing Conditions (2012) Noise Exposure Map

Figure 3

HARRIS MILLER MILLER & HANSON INC.

John C. Tune Airport



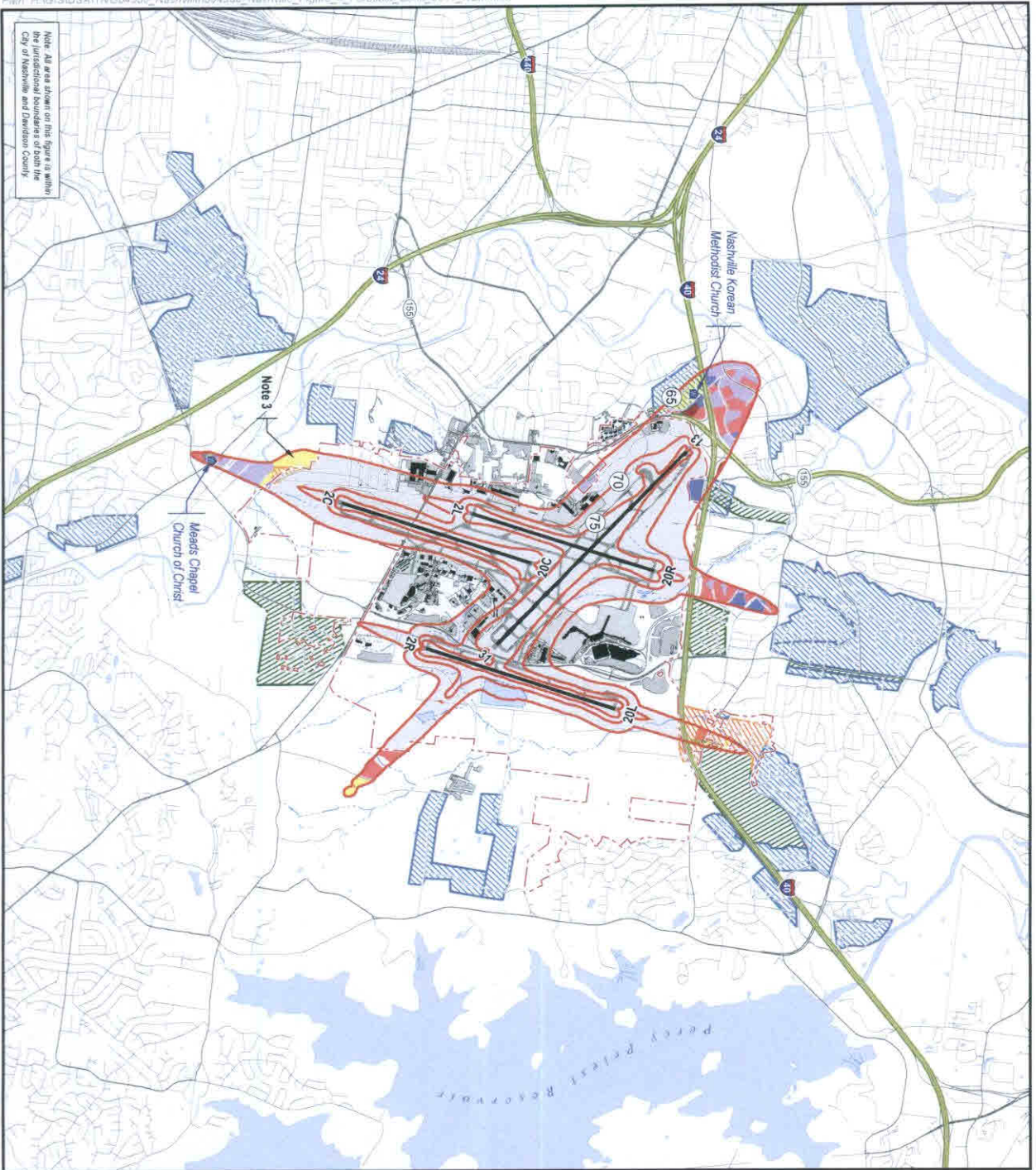
There are no residential properties within 2500 feet of a runway.

Red indicates approximately 2500 feet from airport runway.

ENVIRONMENTAL ASSESSMENT

CORNELIA FORT AIRPARK

Cornelia Fort Airport was closed by the owners due to financial issues and has entered into a public/private partnership with the City of Nashville to increase the size of the Shelby Bottoms open space to over 1,300 acres. The additional 141 acres will provide a northern entrance to Shelby Bottoms Park. This activity is known as the Land Trust of Tennessee.




Note: All areas shown on this figure is within the jurisdictional boundaries of both the City of Nashville and Davidson County.

Note 3

Meads Chapel Church of Christ

Nashville Korean Methodist Church



Metropolitan Nashville Airport Authority

Forecast Condition (2017) Noise Exposure Map

Figure 4

HARRIS MILLER MILLER & HANSON INC.

Legend

- 65-75 dB DNL Contours
- Airport Property
- Runway
- Buildings
- Taxiway
- Apron
- Interstate
- Collector Roads
- Railroad
- US / State highways
- Local Roads
- Water Bodies
- County Boundary
- River / Streams
- Residential
- Mobile Home
- Transient Lodging
- Recreational / Open Space
- Commercial
- Manufacturing and Production
- Public Use

Previously Approved Mitigation Areas


- Transition Area
- Sound Insulation / Residential Property Sales Assistance Program
- Acquisition of Residential Uses in Approach Areas

Notes:

1. The only acreage noise-sensitive properties within the 65 dB DNL contour are the two labeled places of worship. The Nashville Korean Methodist Church is comparable because the owner obtained a prior MNAA offer for sound-mitigation treatment.
2. There are no properties on or eligible for inclusion on the National Register of Historic Places within the 65 dB DNL contour.
3. The designated area is undeveloped and in the process of being rezoned to a compatible Industrial, Warehousing, and Distribution category.

Data Source: Metropolitan Nashville Airport Authority, Metro Davidson County Planning, Environmental Systems Research Institute (ESRI).

0 4,000 8,000 Feet



ENVIRONMENTAL ASSESSMENT

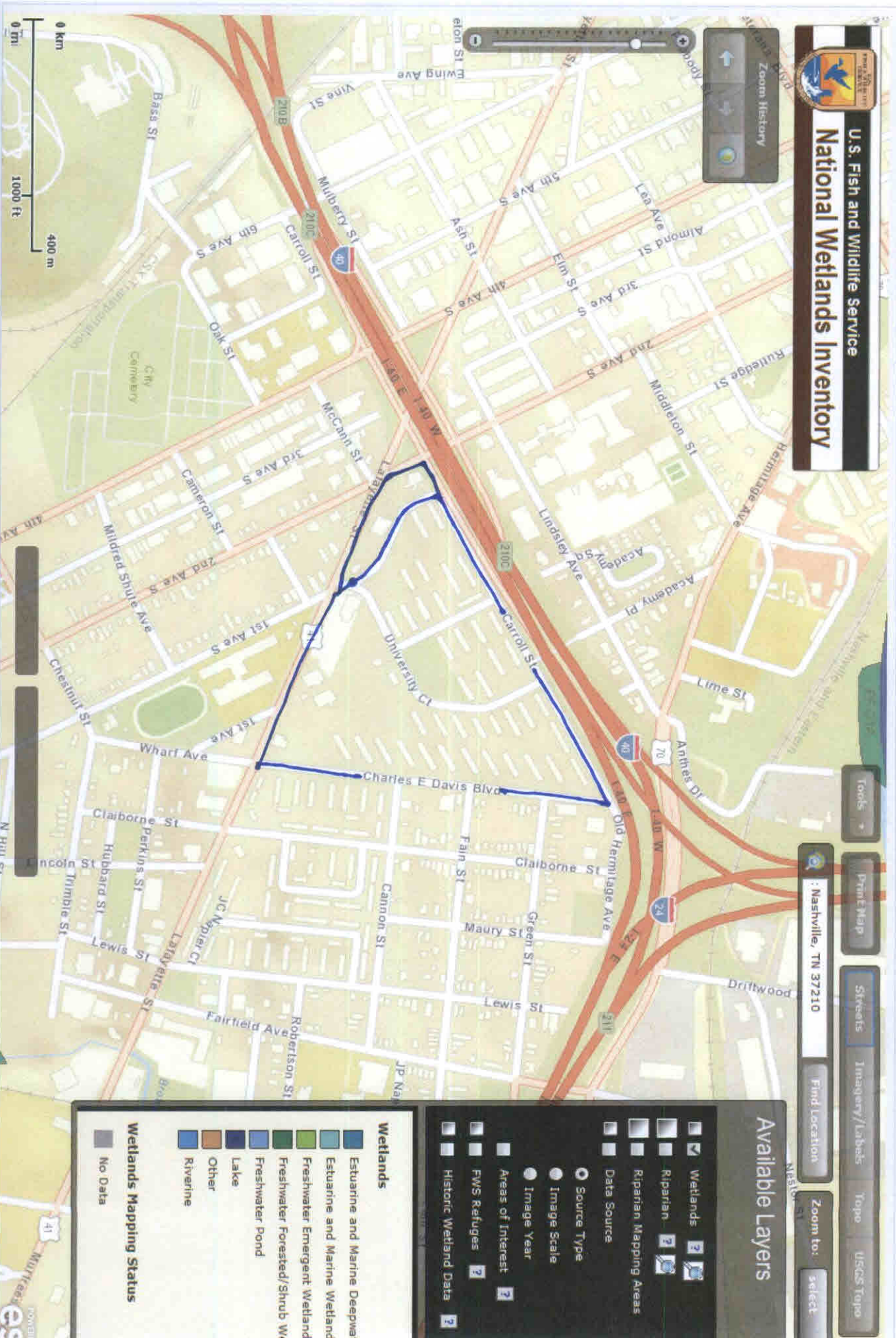
SUDEKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210

NATIONAL WETLANDS INVENTORY (NWI)

The proposed site is not located in a designated wetland area (see attached National Wetlands Inventory map).



U.S. Fish and Wildlife Service National Wetlands Inventory



Available Layers

- Wetlands
- Riparian
- Riparian Mapping Areas
- Data Source
- Source Type
- Image Scale
- Image Year
- Areas of Interest
- FWS Refuges
- Historic Wetland Data

Wetlands

- Estuarine and Marine Deepwat
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub We
- Freshwater Pond
- Lake
- Other
- Riverine

Wetlands Mapping Status

- No Data



ENVIRONMENTAL REVIEW

SEDUKUM APARTMENTS
101 UNIVERSITY COURT
NASHVILLE, TENNESSEE 37210

OTHER AUTHORTIES SECTION 50.4

Endangered Species — A Section 7 review was requested from the U. S. Department of Interior (Fish & Wildlife Service) which found “No significant impacts to wetlands are anticipated from this proposal. No federally listed endangered or threatened species or habitat suitable for such species is known to exist in the project area”.

Sole Source Aquifers — No Sole Source Aquifers are located in Tennessee/Region IV (see attached map/data).

Farmland Protection Act — The proposed action does not consist of new construction, acquisition of undeveloped land, or conversion, which could potentially convert one land-use to another (see attached scope of work). Also, none of the century farmlands that have be designated by the State of Tennessee are located on this site (see attached farmland maps).

Flood Insurance — Proposed site is not located in a FEMA designated floodplain/floodway, therefore, flood insurance is not required (see FEMA data).

Environmental Justice — Proposed action will not change the established zoning, land-use, or the residential landscape of the development (see scope of work and environmental justice strategy).

METROPOLITAN DEVELOPMENT & HOUSING AGENCY

712 South 6th Street
Nashville, Tennessee 37206
615-252-8416
615-252-8533 FAX

#0012

September 25, 2015

SEP 30 2015

Ms. Mary E. Jennings
U. S. Department of Interior
Fish and Wildlife Service
446 Neal Street
Cookeville, Tennessee 38501

RE: Section 7 Reviews: Sedekum Apartments – 101 University Ct. Nashville, TN 37210
Interior & Exterior Renovation/Eligibility Determination

36.150927 - 86.764501

Ms. Jennings:

The Metropolitan Development and Housing Agency (MDHA) is responsible for administration of HUD funds for the City of Nashville and Davidson County, Tennessee, and through the Rental Assistance Demonstration (RAD) program will rehabilitate/upgrade the interior of **443 units** of public housing (**40 buildings**) including exterior elements of the site. As part of the Environmental Assessment currently being performed for the project identified above, we are asking for your review and comments on the implementation this project. We request that your office provide MDHA with a list of threatened and/or endangered species and wetlands that may be present in the vicinity of the identified project. I have enclosed a map identifying the project location, scope of work and boundaries of this area.

The above coordination and request for endangered species information is in compliance with the U. S. Fish and Wildlife Coordination Act of 1958, and the Endangered Species Act of 1973 (as amended).

If you should have any questions, or need additional information, please feel free to contact me at (615) 252-8416 or e-mail jcardwel@nashville-mdha.org.

No significant impacts to wetlands are anticipated from this proposal. No federally listed endangered or threatened species, or habitat suitable for such species are known to exist in the project area.

Sincerely,



Jeff Cardwell
Development Program Manager

 10/5/15
Date
Field Supervisor
U.S. Fish and Wildlife Service
Cookeville, TN 38501

METROPOLITAN DEVELOPMENT & HOUSING AGENCY

712 South 6th Street
Nashville, Tennessee 37206
615-252-8416
615-252-8533 FAX

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Sincerely,



Jeff Cardwell
Development Program Manager

Source Documentation for Sole Source Aquifers in Tennessee: None Located in the State

Sole Source Aquifers in the Southeast

<http://www.epa.gov/region4/water/groundwater/r4ssa.html>

The Environmental Protection Agency (EPA) defines a sole source aquifer as an underground water source that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. These areas have no alternative drinking water source(s) that could physically, legally, and economically supply all those who depend upon the aquifer for drinking water.

The Sole Source Aquifer Program is authorized by Section 1424(e) of the Safe Drinking Water Act of 1974. Designation of an aquifer as a sole source aquifer provides EPA with the authority to review federal financially assisted projects planned for the area to determine their potential for contaminating the aquifer.

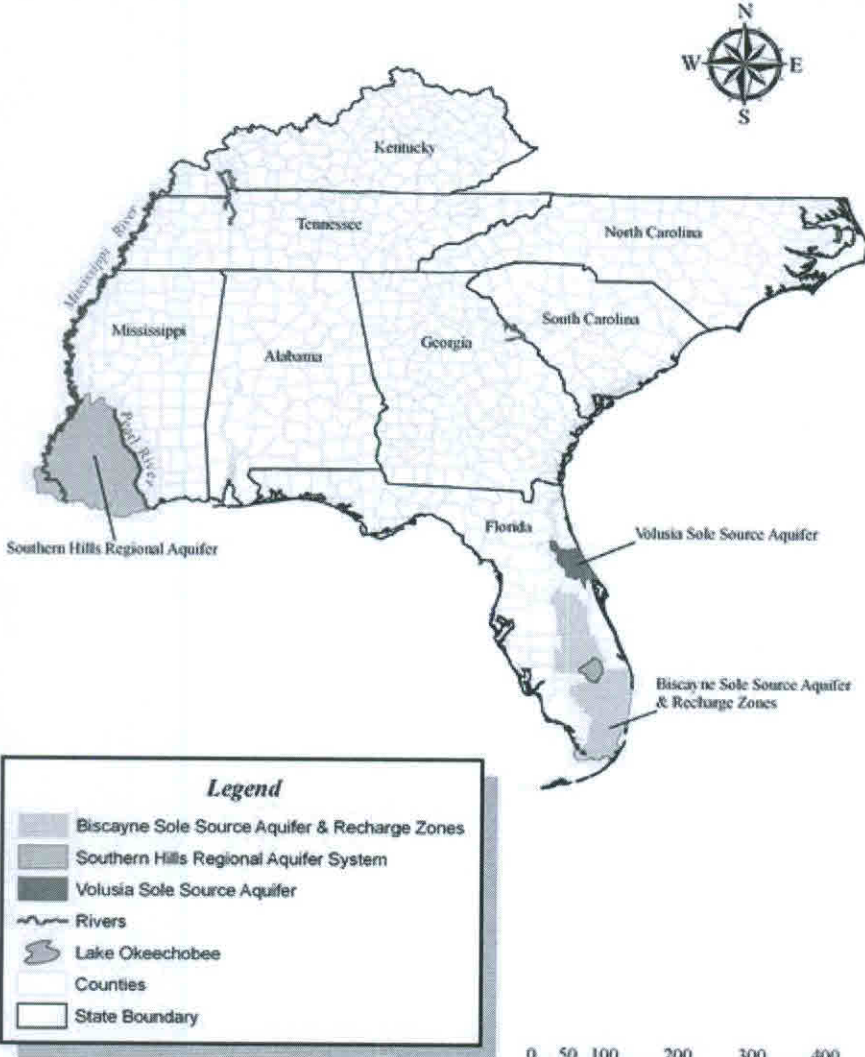
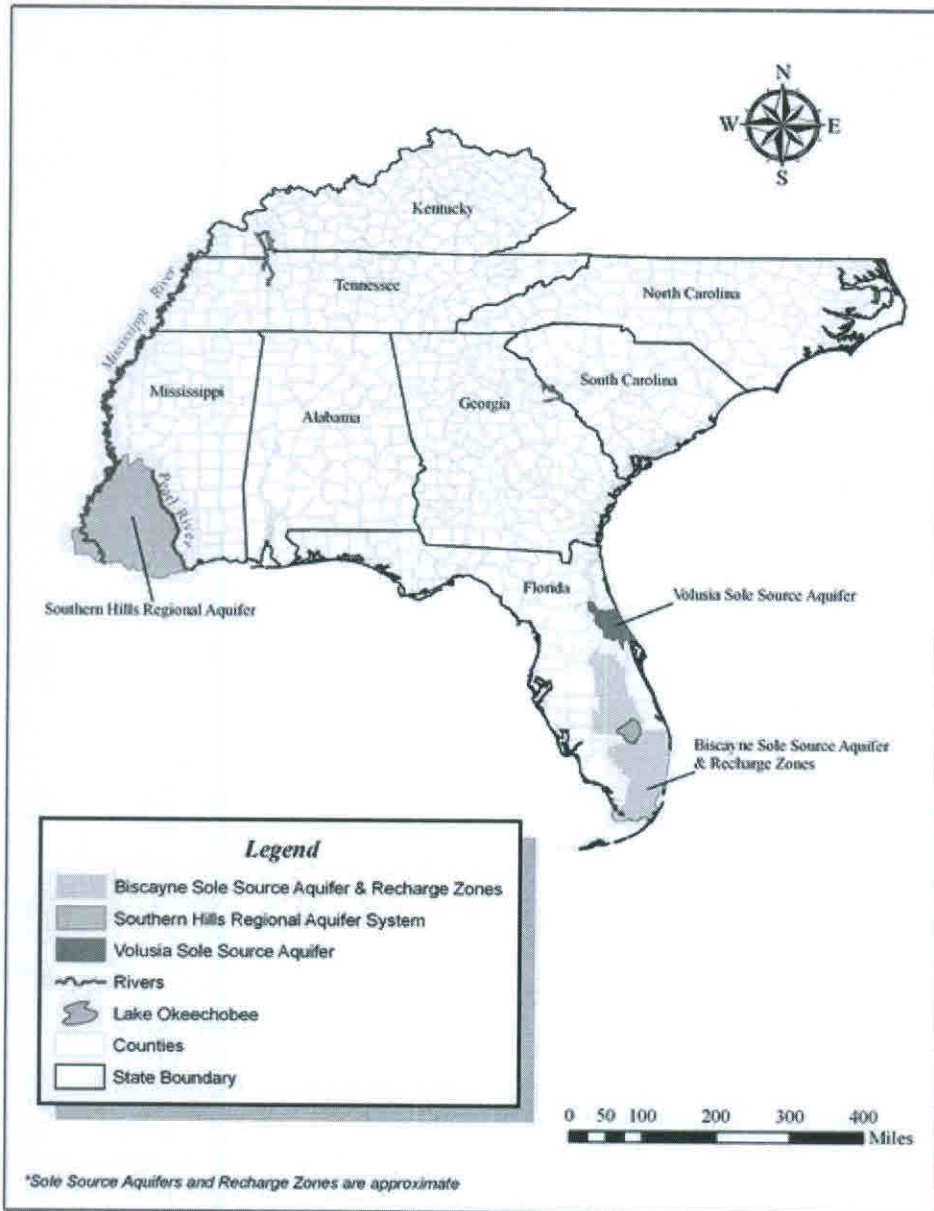
Federally funded projects reviewed by EPA under the Sole Source Aquifer Program may include, but are not limited to, highway improvements and new road construction, public water supply wells, transmission lines, wastewater treatment facilities, construction projects involving disposal of storm water, and agricultural projects involving management of animal waste. Proposed projects that are funded entirely by state, local, or private concerns are not subject to EPA review.

Sole Source Aquifers in the Southeast

EPA has designated three sole source aquifers that are entirely or partially within Region 4:

- Biscayne Aquifer in south Florida
- Southern Hills Regional Aquifer System in eastern Louisiana and southwestern Mississippi
- Volusia-Floridan Aquifer in east-central Florida.

Approximate Boundaries of Region 4 Sole Source Aquifers



Southern Hills Regional Aquifer

Volusia Sole Source Aquifer

Biscayne Sole Source Aquifer & Recharge Zones

Mississippi River
Apalachicola River

Kentucky

Tennessee

North Carolina

Mississippi

Alabama

Georgia

South Carolina

Florida

Jeff Cardwell

From: Cook, David (Agricultural Extension) <david.cook@nashville.gov>
Sent: Tuesday, February 14, 2012 9:08 AM
To: Jeff Cardwell
Subject: RE: Farmland Protection Act
Attachments: Davidson County Farms.docx

I have the attachment this time.

From: Jeff Cardwell [<mailto:jcardwel@Nashville-MDHA.org>]
Sent: Monday, February 13, 2012 9:01 AM
To: Cook, David (Agricultural Extension)
Subject: RE: Farmland Protection Act

I did not receive the attachment with you last e-mail.

Jeff Cardwell
Metropolitan Development & Housing Agency
Development Program Manager
701 South Sixth Street
Nashville, Tennessee 37206
615-252-8416
615-252-8559 fax
jcardwel@nashville-mdha.org

From: Cook, David (Agricultural Extension) [<mailto:david.cook@nashville.gov>]
Sent: Monday, February 13, 2012 8:55 AM
To: Jeff Cardwell
Subject: RE: Farmland Protection Act

The attachment contains information on Davidson County farms and what they produce, and information on historic Century Farms.

From: Jeff Cardwell [<mailto:jcardwel@Nashville-MDHA.org>]
Sent: Thursday, February 09, 2012 1:22 PM
To: Cook, David (Agricultural Extension)
Subject: Farmland Protection Act

Mr. Cook,

I prepare the Environmental Reviews for the Metropolitan Development & Housing Agency (MDHA) prior to any federal funds being spent on any federal project. This information will be placed in our data base files and used in preparing the reports. In 2007 Linda Howard contacted you requesting information on prime or unique farmlands in Davidson County including the size and location of these farmlands.

I am asking you to provide me with a list of those properties and there locations?

Let me know if you have any questions.

Thanks,

Davidson County

Davidson County was founded in 1783 and was named in honor of William L. Davidson, a Revolutionary War officer who died at Valley Forge. Its county seat, Nashville, is the oldest permanent white settlement in Middle Tennessee, founded by James Robertson and John Donelson during the winter of 1779-1780. In addition to serving as the county seat, Nashville also is the capital city of Tennessee. Davidson County has many historic sites and attractions such as the Hermitage where Andrew Jackson lived, Radnor Lake State Park, and the Ellington Agricultural Center. In addition, the county is home to many famous educational institutions such as Belmont, Fisk, Lipscomb, Tennessee State, Trevecca and Vanderbilt universities. Davidson County has four Century Farms and the oldest is the Cleveland Hall Farm that was established in 1788. For more information regarding Davidson County, please go to the [Tennessee Encyclopedia of History & Culture](#) website.

For a brief historical sketch of each farm, click on the farm name.

[Cleveland Hall Farm](#)

[County Line Farm](#)

[Smith Farm](#)

[Stenberg Cattle Farm](#)

The following map is for a general geographical understanding. It does not provide the specific locations of the farms because of privacy reasons.

Linda Howard

From: Adriane Harris
Sent: Wednesday, January 02, 2008 10:57 AM
To: Linda Howard
Subject: FW: Farmlands

Adriane Harris

From: Caneta Hankins [mailto:chankins@mtsu.edu]
Sent: Wednesday, January 02, 2008 10:18 AM
To: Adriane Harris
Subject: Re: Farmlands

COUNTY	FARM NAME	DATE	LAST	FIRST	STREET ADDRESS	CITY	STATE	ZIP	AREA	PHONE	LOCATION
Davidson	Cleveland Hall	1785	Stevens	Mary H. Donelson	1305 Riverside Road	Old Hickory	TN	37138	615	847-2117	10 miles NE of Nashville on both sides of Hadley Bend Rd and on East Bank of Cumberland River
Davidson	Smith Farm	1815	Smith	Mary E.	8600 Highway 100	Nashville	TN	37221	615	646-3851	8600 Highway 100, Nashville
Davidson	County Line Farm	1869	Linton	Lloyd & Frances	9696 Big East Fork Road	Franklin	TN	37064	615	646-1235	Western Davidson County, 15 miles from Nashville, NW Williamson County
Davidson	Stenberg Cattle Farm	1899	Stenberg	Frank	4502 Stanberg Road	Whites Creek	TN	37189	615	876-3976	1 mile off of Hwy 41A, approx. 6 miles N of Bordeaux

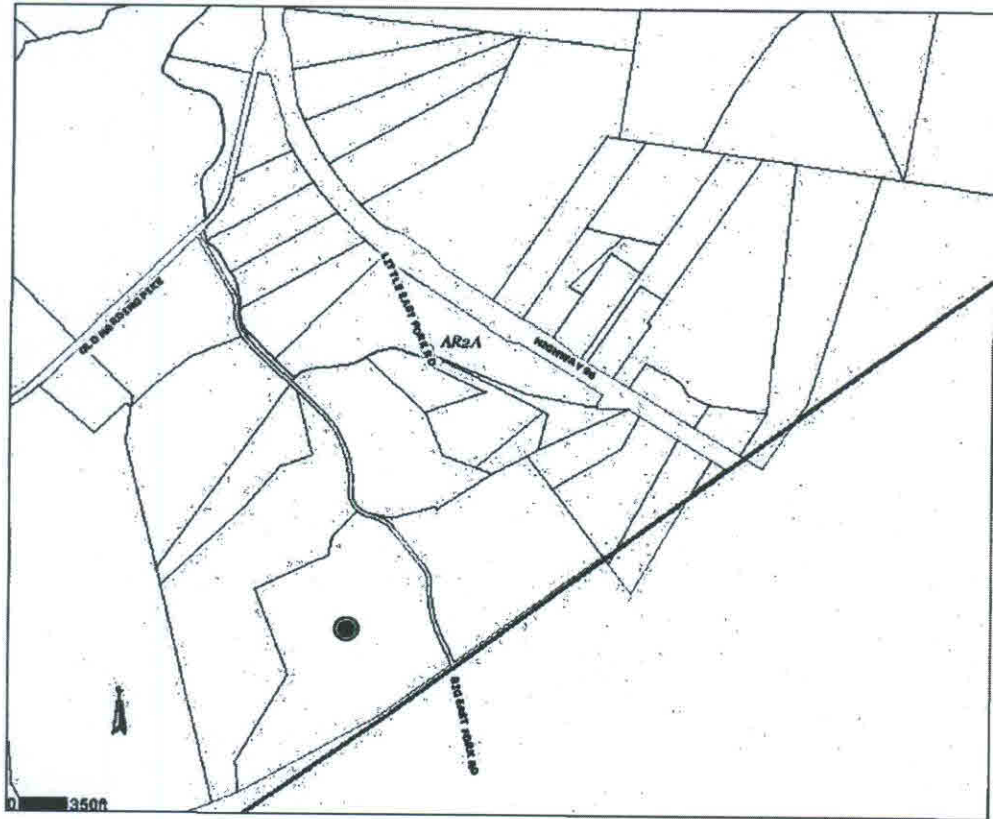
----- Original Message -----

From: Adriane Harris
To: Caneta Hankins
Sent: Wednesday, January 02, 2008 9:31 AM
Subject: RE: Farmlands

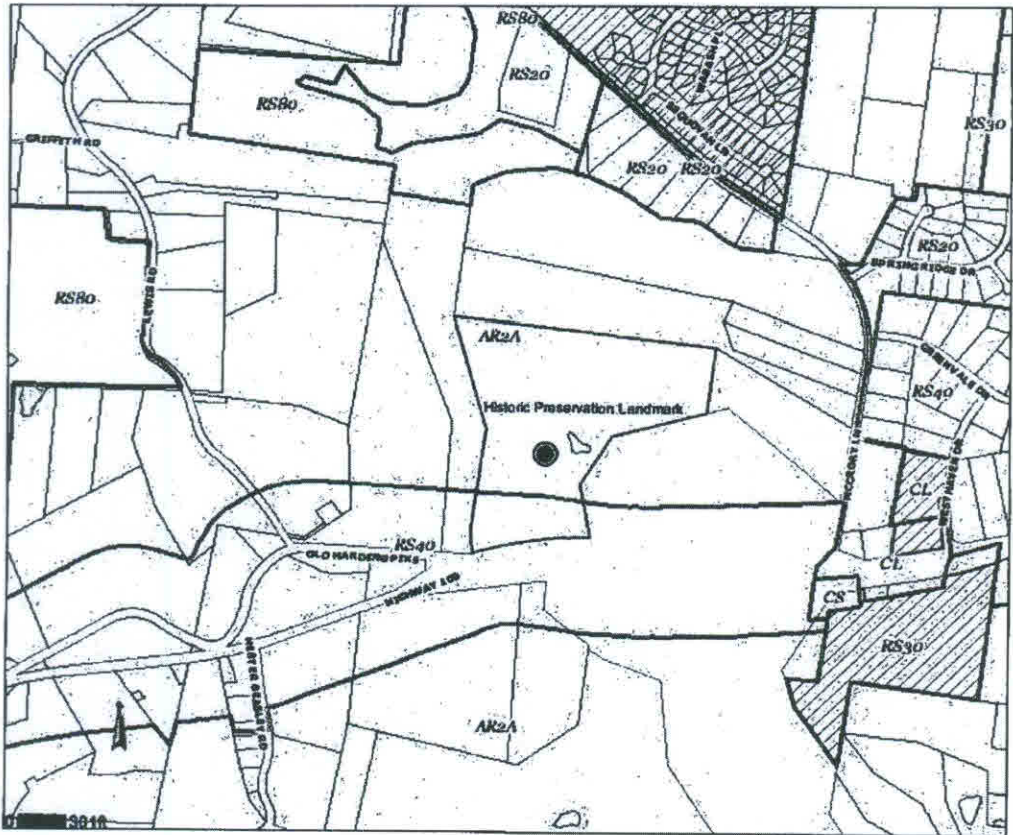
Both. I initially thought the physical locations would be enough, but the addresses of the owners would be great in case we ever to need to contact them. Thanks.

1/4/2008

County Line Farm—9696 Big East Fork Road

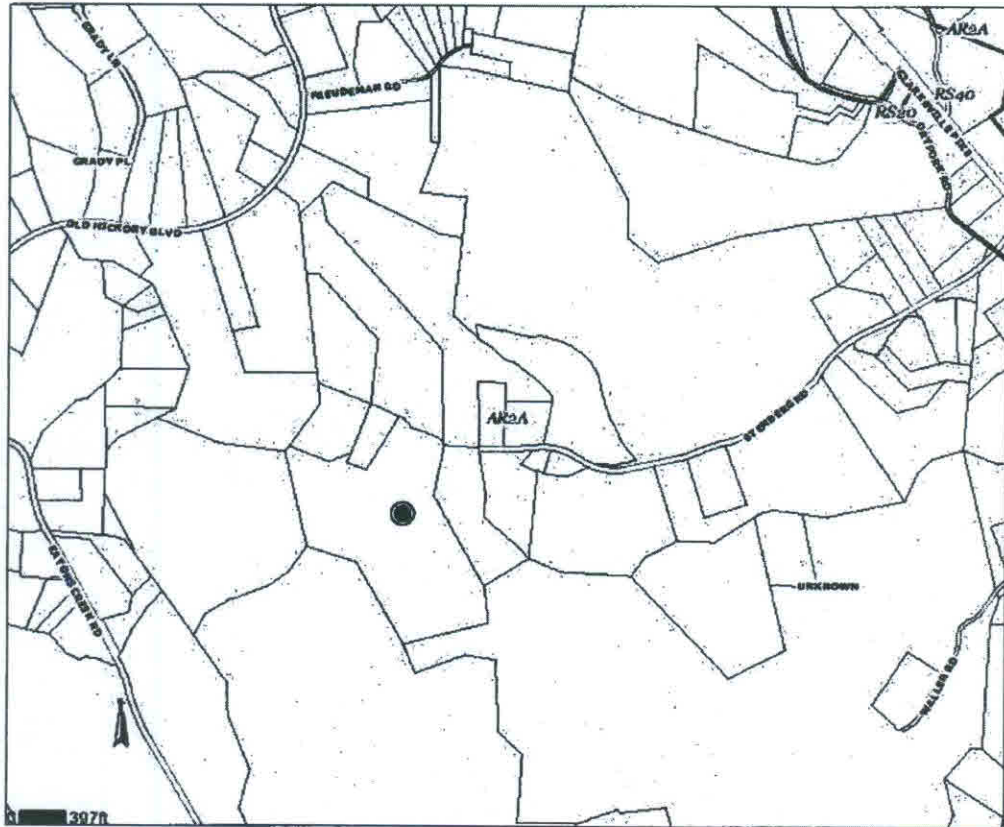


Smith Farm--8600 Highway 100



Farmlands Protection Component
Davidson County Century Farms Locations

Stenberg Cattle Farm—4502 Stenberg Road



Davidson County Farms

Johnny Howell
8867 Hester Beasley Road
Bellevue, TN 37221
(615) 242 1623
(peaches, berries, root vegetables,
squash, corn, greens, heirloom tomatoes)
Acres: 100

Hungry Gnome Farm (Organic)
4712 Lickton Pike
Whites Creek, TN 37189
Alicia Batson
(615) 299-1661
(vegetables, berries, eggs, goat meat)
75 acres

James Lyons
4686 Lickton Pike
Whites Creek, TN 37189
(615) 876-1735
(Vegetables)

Gus & Troy Richards
1508 East Stewart's Lane
Nashville, TN 37218
(H) (615) 255-6074
(tomatoes, squash, okra, onions, beets,
turnip greens, green beans, corn)
Acres: 200

George West
5214 Old Hickory Blvd
Nashville, TN 37218
(615) 256-6661
(Vegetables)

Rockin' R Sheep Farm
4697 Lickton Pike
Whites Creek, TN 37189
876-8473

Music City Alpaca
14087 Old Hickory Blvd
Antioch, TN
941-1639
(alpaca fleeces and yarn, alpacas for
breeding and pets)

Dairy Farm

Ed Strasser and Sons
2637 Pennington Bend Road
Nashville, TN 37214
Phone: (615) 883-7570

Century Farms:

Families who have owned and farmed the
same land for at least 100 years

Cleveland Hall Farm (Century Farm)
Located 10 miles northeast of Nashville
(Beef cattle, TN Walking Horses, Soybeans)

County Line Farm (Century Farm)
Located in western Davidson County
(Beef cattle)

Smith Farm (Century Farm)
Located 15 miles southwest of Nashville

Stenberg Cattle Farm (Century Farm)
Whites Creek, TN
(Cattle and vegetables)

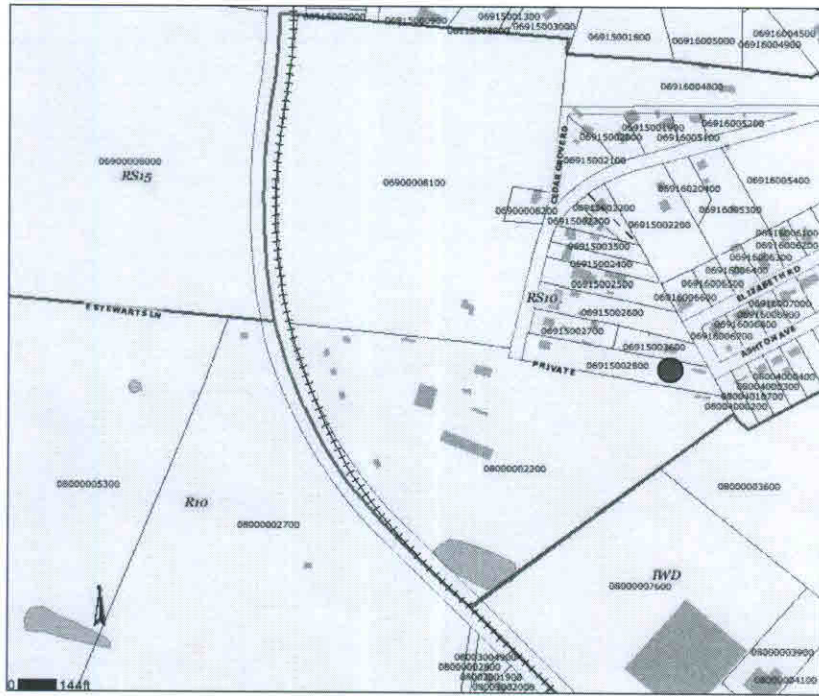
For more information about TN Century
Farms contact:

Caneta Hankins

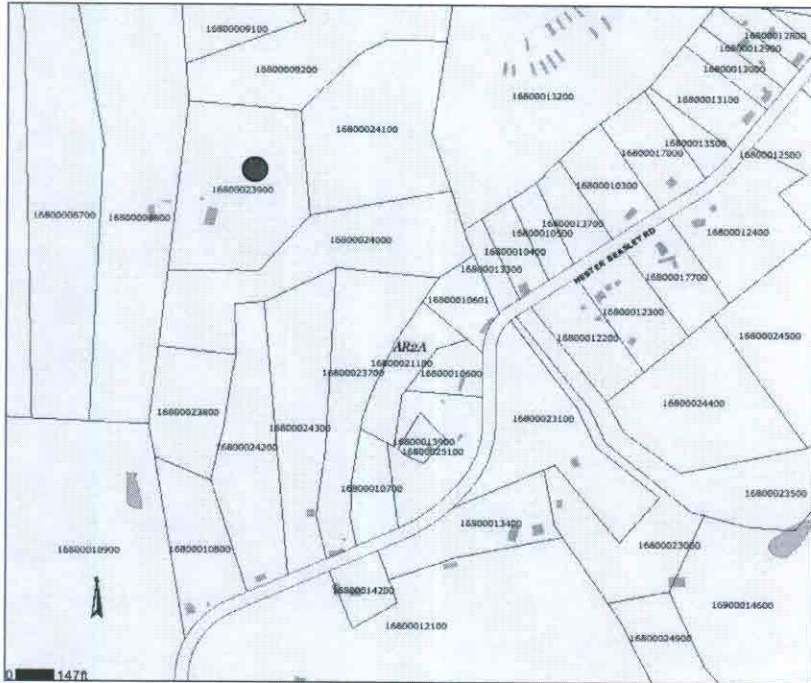
Director of the TN Century Farms Program
Center for Historic Preservation
Box 80, MTSU
Murfreesboro, TN 37132
Phone: 615/898-2947

Other Farms in Davidson County

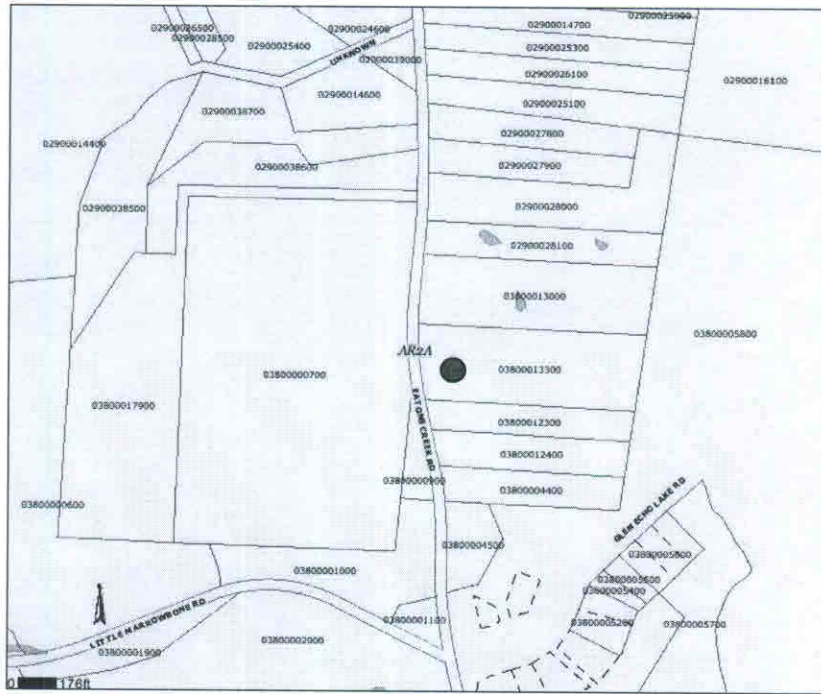
1508 East Stewart's Lane



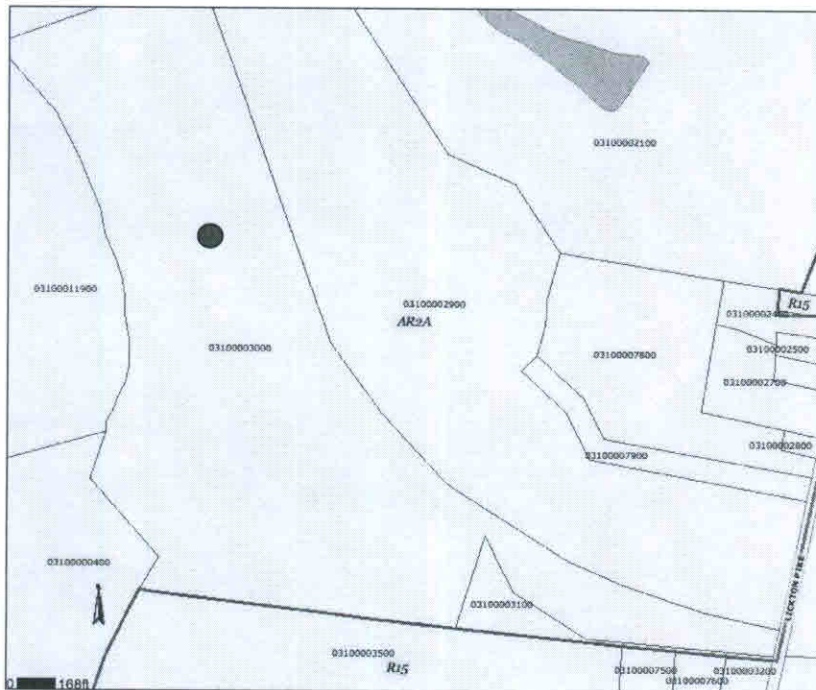
Hester Beasley Road



Eaton's Creek Organics—5570 Eaton's Creek Road



Hungry Gnome Farm—4712 Lickton Pike



METROPOLITAN DEVELOPMENT AND HOUSING AGENCY

Agency Environmental Justice Strategy

Public Participation

MDHA will identify proposed projects in the Consolidated Plan, which is available to the public.

MDHA will hold annual public meeting outlining MDHA's Consolidated Plan.

When we select a Neighborhood Strategy area, we will set up a Citizen Advisory Committee, elected by the residents, property owners and business owners of the neighborhood and hold monthly meetings to identify projects and seek comment from community members.

Research, Data Collection & Analysis

If a project has potential health and environmental impacts, the appropriate mitigation measures will be used to ensure compliance with NEPA standards. Examples of such mitigation measures include the following:

- Contacting all relevant Federal, State, and local agencies and any other interested parties for strategies including the Tennessee Department of Environment and Conservation Office of Environmental Assistance. This department is responsible for the oversight of the Environmental Justice in the State of Tennessee Strategic Plan.
- Compiling an Environmental Impact Statement (EIS) and/or analyze all local GIS environmental data relevant to the site
- Communicating with and educating residents, neighborhood leaders, and organizations on potential health and environmental concerns and create appropriate strategies