## **GRANT SUMMARY SHEET**

Grant Name: Public Assistance Grant FEMA-4601-DR-TN 21-25 Amend1

**Department:** FINANCE DEPARTMENT

**Grantor:** FEDERAL EMERGENCY MANAGEMENT AGENCY

**Pass-Through Grantor** 

(If applicable): TENN. EMERG. MGMT.

**Total Award this Action:** \$3,454,218.76 **Cash Match Amount** \$166,757.02

**Department Contact:** 

**Status:** AMENDMENT

## **Program Description:**

Award Increase - FEMA-4601-DR-TN for Severe Storms, Tornadoes & Flooding, Professional Project Fees. Amend. 1 adds an additional \$3,454,218.76 to the previous amount of \$2,285,086.12 for a new total of \$5,739,304.88. This amendment also increases the match requirement by \$166,757.02 for a new total of \$287,024.68

## Plan for continuation of services upon grant expiration:

N/A

5830

Friday, May 31, 2024 Page 1 of 1

## **Grants Tracking Form**

			Part						
Pre-Application ○	Application C	)	Award Accept			tract Amendr	nent		
Department	Dept. No.			Contac	:t			Phone	Fax
FINANCE DEPARTMENT	015								
Grant Name:	Public Assistanc			25 Amend1					
Grantor:	FEDERAL EMERGENCY	MANAGEMENT AGEN			▼	Other:			
Grant Period From:	03/25/21		(applications only) A			Date:			
Grant Period To:	03/24/25		(applications only) A	pplication Dea	dline:				
Funding Type:	FED PASS THRU	▼		Multi-Depa	rtment	Grant	<del></del>	If yes, lis	t below.
Pass-Thru:	TENN. EMERG. MGMT.	▼		Outside Co	nsultan	t Project:			
Award Type:	OTHER	▼		Total Awar	d:		\$3,454,218.76		
Status:	AMENDMENT	▼		Metro Casi	n Match	:	\$166,757.02		
Metro Category:	Est. Prior.	•		Metro In-Ki			\$0.00		
CFDA#	97.036			Is Council	approv	al required?			
Project Description:				Applic. Submi	itted Elec	tronically?			
Plan for continuation of serv N/A How is Match Determined?	vice after expirat	ion of grant/Bu	dgetary Impact	:					
Fixed Amount of \$		or		% of Grai	nt		Other:		
Explanation for "Other" mea	ans of determinin	g match:							
5 41 M 4 5V 1									
For this Metro FY, how mucl		local Metro ca	sn matcn:		E.u.	20442	Duningan Unit	157	21420
Is already in department but	uget?				Fund	30412 ed Source of		157	01420
Is not budgeted? (Indicate Match Amount & So	ource for Pomein	ing Grant Yeer	s in Budget Pe		riopose	eu Source of	iviatell.		
•	Juice for Kemain	mig Grant Tear	s in budget be	iow)					
Other: Number of FTEs the grant w	ill fund:		0.00	Actual nun	her of	positions add	ded:	0.00	
Departmental Indirect Cost I						ant to Metro:	acu.	0.00	
	○ Yes ● No	9/ Alle					tori		in hudaa
*Indirect Costs allowed?		% Allow.				ed from Gran			in budge
*(If "No", please attach docume	ntation from the g	rantor that indire	ct costs are not a	anowabie. Se	e instru	cuonsj			
Draw down allowable?  Metro or Community-based	Partners:								
well of Community-pased	railleis:								
			Part Tw	0					
			Gra	ant Budget					
B Metro Fodovol			L anni Matab	Matab Sa				Indirect	Ind. Cos

	Part Two									
	Grant Budget									
Budget Year	Metro Fiscal Year	Federal Grantor	State Grantor	Other Grantor	Local Match Cash	Match Source (Fund, BU)	Local Match In-Kind	Total Grant Each Year	Indirect Cost to Metro	Ind. Cost Neg. from Grantor
Yr 1	FY25	\$5,452,280.12	\$287,024.76	\$0.00	\$287,024.68		\$0.00	\$6,026,329.56	\$316,382.30	\$0.00
Yr 2 Yr 3 Yr 4	FY									
Yr 3	FY									
Yr 4	FY									
Yr 5	FY									
To	otal	\$5,452,280.12	\$287,024.76	\$0.00	\$287,024.68			\$6,026,329.56	\$316,382.30	\$0.00
	Da	ate Awarded:		05/06/24	Tot. Awarded:	\$3,454,218.76	Contract#:	71486-45243	Amend1	
	(0	r) Date Denied	:		Reason:					
	(0	r) Date Withdra	awn:		Reason:					

Contact: <u>juanita.paulsen@nashville.gov</u> <u>vaughn.wilson@nashville.gov</u>

Rev. 5/13/13 5830

GCP Rec'd 05/3124

GCP Approved 05/31/24

VW

AGRICULTURA AGRICU	GRAN	T AMENDM	ENT						
Agency T	racking #	Edison ID		Contract #	!	Amendment #			
	34101-32224				71486-45243	1			
Contracto	or Legal Entity Name		Edison Vendor ID						
METI COU	ROPOLITAN GOV NTY	4							
Amendme	Amendment Purpose & Effect(s)								
INCR	INCREASE AWARD								
Amendme	Amendment Changes Contract End Date: YES NO End Date: 03/24/2025								
TOTAL C	TOTAL Contract Amount INCREASE or DECREASE per this Amendment (zero if N/A): 3,454,218.76								
Funding - FY	Funding —  FY   State   Federal   Interdepartmental   Other					TOTAL Contract Amount			
2024	287,024.76	5,452,280.12				5,739,304.88			
TOTAL:	287,024.76	5,452,280.12				5,739,304.88			
Budget Officer Confirmation: There is a balance in the appropriation from which obligations hereunder are required to be paid that is not already encumbered to pay other obligations.									
Speed Ch	art (optional)	Account Code (opt	tional) '1301000						
		7							

09-20-18 AMEND-G

## AMENDMENT ONE OF GRANT CONTRACT 71486-45243

This Grant Contract Amendment is made and entered by and between the State of Tennessee, Department of Military, Tennessee Emergency Management Agency, hereinafter referred to as the "State" and Metropolitan Government of Nashville and Davidson County, hereinafter referred to as the "Grantee." It is mutually understood and agreed by and between said, undersigned contracting parties that the subject Grant Contract is hereby amended as follows:

- 1. Grant Contract Section C.1. is deleted in its entirety and replaced with the following:
  - C.1. Maximum Liability. In no event shall the maximum liability of the State under this Grant Contract exceed five million seven hundred thirty-nine thousand, three hundred four dollars and 88/100 (\$5,739,304.88). The Grant Budget, attached and incorporated hereto as Attachment 1, shall constitute the maximum amount due the Grantee for all service and Grantee obligations hereunder. The Grant Budget line-items include, but are not limited to, all applicable taxes, fees, overhead, and all other direct and indirect costs incurred or to be incurred by the Grantee.
- 2. Grant Contract Attachment 1 is deleted in its entirety and replaced with the new Attachment 1 attached hereto.
- 3. Grant Contract Attachment 2 is deleted in its entirety and replaced with the new Attachment 2 attached hereto.

Required Approvals. The State is not bound by this Amendment until it is signed by the contract parties and approved by appropriate officials in accordance with applicable Tennessee laws and regulations (depending upon the specifics of this contract, said officials may include, but are not limited to, the Commissioner of Finance and Administration, the Commissioner of Human Resources, and the Comptroller of the Treasury).

<u>Amendment Effective Date</u>. The revisions set forth herein shall be effective once all required approvals are obtained. All other terms and conditions of this Grant Contract not expressly amended herein shall remain in full force and effect.

IN WITNESS WHEREOF,

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY:

"See next page"

**GRANTEE SIGNATURE** 

DATE

MARY JO WIGGINS, FINANCE DEPUTY DIRECTOR

PRINTED NAME AND TITLE OF GRANTEE SIGNATORY (above)

DEPARTMENT OF MILITARY, TENNESSEE EMERGENCY MANAGEMENT AGENCY:

## SIGNATURE PAGE FOR GRANT NO. <u>Public Assistance Grant FEMA-4601-DR-TN 21-25 Amend. 1</u>

IN WITNESS WHEREOF, the parties have by their duly authorized representatives set their signatures.

# METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

Mary Jo Wiggins  Finance Department	6/4/2024   10:26 AM CDT
Finance Department	Date
APPROVED AS TO AVAILABILITY OF FUNDS:	
Lessin Crumbo/mfw	6/4/2024   2:12 PM CDT
Director of Finance Department of Finance	Date
APPROVED AS TO RISK AND INSURANCE:	
Balagus, Coleb	6/4/2024   2:58 PM CDT
Director of Insurance	Date
APPROVED AS TO FORM AND LEGALITY:	
Courtney Molian	6/4/2024   2:57 PM CDT
Metropolitan Attorney	Date
Freddie O' Connell Metropolitan Mayor	Date
ATTEST:	
Metropolitan Clerk	 Date
Mod opolitari Olork	2410

09-20-18 AMEND-G

# WARNER A. ROSS, II, MAJOR GENERAL, THE ADJUTANT GENERAL, DEPARTMENT OF MILITARY

DATE

I certify that this entity meets Civil Rights Title VI compliance.

Signature

Date

Reviewed by Dept. of Military Civil Rights Title VI Officer

## **ATTACHMENT 1**

Page 1

## **GRANT BUDGET**

GRANTEE NAME: METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY
Presidential Disaster Declaration number FEMA-4601-DR-TN for Severe Storms, Tornadoes, and Flooding, March 25 to April
3, 2021.

The grant budget line-item amounts below shall be applicable only to expense incurred during the following Applicable Period:

BEGIN: 03/25/2021

BEGIN: 03/25/2021

BEGIN: 03/25/2021

	BEGIN: 03/25/2021	END: 03/24/2025				
POLICY 03 Object Line-item Reference	EXPENSE OBJECT LINE-ITEM CATEGORY <sup>1</sup>	GRANT CONTRACT	GRANTEE MATCH	TOTAL PROJECT		
1. 2	Salaries, Benefits & Taxes	0.00	0.00	0.00		
4, 15	Professional Fee, Grant & Award <sup>2</sup>	5,739,304.88	287,024.68	6,026,329.56		
5, 6, 7, 8, 9, 10	Supplies, Telephone, Postage & Shipping, Occupancy, Equipment Rental & Maintenance, Printing & Publications	0.00	0.00	0.00		
11. 12	Travel, Conferences & Meetings	0.00	0.00	0.00		
13	Interest <sup>2</sup>	0.00	0.00	0.00		
14	Insurance	0.00	0.00	0.00		
16	Specific Assistance To Individuals	0.00	0.00	0.00		
17	Depreciation <sup>2</sup>	0.00	0.00	0.00		
18	Other Non-Personnel <sup>2</sup>	0.00	0.00	0.00		
20	Capital Purchase <sup>2</sup>	0.00	0.00	0.00		
22	Indirect Cost	0.00	0.00	0.00		
24	In-Kind Expense	0.00	0.00	0.00		
n/a	Grantee Match Requirement (for any amount of the required Grantee Match that is <u>not</u> specifically delineated by budget line-items above)	0.00	0.00	0.00		
25	GRAND TOTAL	5,739,304.88	287,024.68	6,026,329.56		

<sup>&</sup>lt;sup>1</sup> Each expense object line-item shall be defined by the Department of Finance and Administration Policy 03, *Uniform Reporting Requirements and Cost Allocation Plans for Subrecipients of Federal and State Grant Monies, Appendix A.* (posted on the Internet at: http://www.state.tn.us/finance/act/documents/policy3.pdf).

 $<sup>^{\</sup>mathbf{2}}\,$  Applicable detail follows this page if line-item is funded.

<sup>&</sup>lt;sup>3</sup> A Grantee Match Requirement is detailed by this Grant Budget, and the maximum total amount reimbursable by the State pursuant to this Grant Contract, as detailed by the "Grant Contract" column above, shall be reduced by the amount of any Grantee failure to meet the Match Requirement.

09-20-18 AMEND-G

## **ATTACHMENT 1**

Page 2

## **GRANT BUDGET LINE-ITEM DETAIL:**

PROFESSIONAL FEE, GRANT & AWARD	AMOUNT
PA-04-TN-4601-PW-00215(0) Small Project Category C	14,463.07
PA-04-TN-4601-PW-00217(0) Small Project Category C	35,679.44
PA-04-TN-4601-PW-00218(0) Small Project Category B	153,308.06
PA-04-TN-4601-PW-00193(0) Small Project Category G	181,266.24
PA-04-TN-4601-PW-00248(0) Small Project Category E	1,841,734.99
PA-04-TN-4601-PW-00255(0) Small Project Category G	1,084,898.00
PA-04-TN-4601-PW-00253(0) Small Project Category E	23,790.80
PA-04-TN-4601-PW-00267(0) Small Project Category Z	285,835.18
TOTAL	6,026,329.56

			Federal Eme	rgency Management Agency				
			Project App	olication Grant Report (P.2)				
			Disast	er: FEMA-4601-DR-TN				
Number of Records: 1								
Applicant ID: 037-52 Bundle # : PA-04- 00215(349)	TN-46	00 01-PW-		Applicant: NASHVILLE-DA	VIDSON			
PW #	Fund Cat Code		Cost Share	Projected Completion Date Approved PW Amount (\$				
PA-04-TN-4601-PW-00215(0)	С	06	N	11-08-2022	14,463.0			
Facility Number:	1							
Facility Name:	Dama	age #55671	3; Embankment was	hout - MTA				
Location:	130 N	Nestor , Na	shville, Tennessee 3	7210				
	Work The a	to be com	· vill utilize contract a	and/or force account for repairs to North design, in-kind, function and capacity w				
		North a	nd East Property; GI	PS(36.15878,-86.75498):				
				Y of shoulder and embankment structura T wide x 6 FT Deep.	l fill consisting of combination of locally			
	B. Replace Embankment, 19.25 CY of shoulder and embankment, 6 IN to 9 IN rip rap fill, 26 FT long x 20 F 1 FT Deep.  North Property Side; GPS(36.15878,-86.75498):							
	C. 1	Replace 8	FT tall chain link fer	nce, 78FT long.				
	Work	to be Com	pleted total: \$13,09	97.47				
	Proje	ect Notes:						
		1010071	nates for work to be -4601DR- Cost Estim	completed were generated by the FEMA ate.xlsx.	CRC using RS Means. See attachment			
	2. Applicant provided cost estimate cannot be validated because it includes line items that pertains to the overall project that DI 556713 is a small part of it. 1. See attachment: 243976 - Applicant Provided Repair Cost Estimate.xls.							
	3. Per the uploaded maintenance records, the applicant has conducted periodic inspection of all facilities and issued subsequent Work-Orders for corrective or preventive measures. Because of the no need for action on the embankment and fence before the event, no Work-Order and/or maintenance record has been submitted for DI# 556713.							
	4. Applicant will comply with its local, state, federal procurement laws, regulations and procedures.							
	5. All borrow or fill material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.							
				l (per the GPS coordinates on google ear mbankments is 40 LF , one GPS should be				
Scope of Work:	7 -	horo is no	tree removal planne	d				

	Federal Emerg	gency Management Agency			
	Project Appli	ication Grant Report (P.2)			
	Disaster	r: FEMA-4601-DR-TN			
umber of Records: 1					
1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)		
Amount Eligible (\$)	14,463.07	0.00	14,463.07		
Federal Share (\$)	13,016.76	0.00	13,016.76		

			Federal Eme	ergency Management Agency					
			Project Ap	plication Grant Report (P.2)					
			Disast	ter: FEMA-4601-DR-TN					
Number of Records: 1									
Applicant ID: 037-52 Bundle # : PA-04-1 00217(350)			y- Applicant: NASHVILLE-DAVIDSON						
PW #	Cat	Fund Code	Cost Share	Cost Share Projected Completion Date Approved PW Amount					
PA-04-TN-4601-PW-00217(0)	С	06	N	11-08-2022	35,679.4				
Facility Number:	1								
Facility Name:	Damage #549323; Signals and signs 4 locations								
Location:	Antio	och Pk & Bl	ue Hole Rd						
	The a roads withi	s in Nashvil in the exist e Account	tilized force accoun le-Davidson County ing footprint.	nt labor, equipment, materials and contractores to restore the facilities back to its pre-distance to restore the facilities and contract the facilities and contract to restore the facilities and contract to restore the facilities and contract to restore the facilities back to its pre-distance to restore the facilities back to restore the facilities back to restore the facilities and restore the facilities back to restore the fac	saster design, function and capacity				
				ghtened/reinstalled existing signage, 1 ea					
	D. Ol cobal	d Harding a lt controlle	and Morton Mill: Reper, 1 16 channel conf	olaced Signal box, 1 each of 36 inch pole i flict monitor, 1 Cisco meraki and 1 moden	mounted traffic control cabinet with 1 n.				
	1. Fo	rce Accour	it Labor 44 Hours \$1	,437.90					
	2. Fo	rce Accour	it Equipment 28.5 H	ours \$938.58					
	3. Fo	rce Accour	it Materials \$19,801	.00					
	Conti	racts							
	A. Old Harding and Morton Mill: Removed and replaced asphalt pavement surface-Saw cut and removed 8 CY Asphalt, regraded and installed 42.3 TNs ACS Asphalt surface mix.								
	1. Co	ontract \$24	,108.05						

Capture Date: 03/20/2024 13:	)	
	Federal Emergency Management Agency	
	Project Application Grant Report (P.2)	
	Disaster: FEMA-4601-DR-TN	

## Number of Records: 1

Eligibility Review (\$10,606.09) See Project Note 7

Work Completed Total Revised \$35, 679.44

## Project Notes

- 1. The DDD, Scope and Cost have been developed using Small Project Certification forms. All documentation used to validate this project has been specified in Grants Manager.
- 2. Pay policy has been reviewed-see Chapter 5-CS rules.docx
- 3. The GPS associated with this project has been validated by the FEMA CRC. Maps of damage locations have been uploaded.
- 4. All repairs were made from the road/top down-no work was performed from the water, no equipment was used from in the water. All equipment was staged on the road.
- 5. Material removed from the site was taken to 200 A Nonaville Rd. Mt Juliet, TN, owned by the contractor Grade A Construction.
- 6. Total cost validated-see Project 240488 FEMA Cost Roll Up.
- 7. Eligibility Review: Concerns fall under PAPPGv4, Chapter IX. Eligibility Considerations by Facility, A. Roads and Bridges;

FHWA has authority to restore public roads under the Emergency Relief (ER) Program. Roads that are eligible for ER assistance are identified as Federal-aid routes, which include highways on the Federal-aid highway system and all other public roads not classified as local roads or rural minor collectors. The ER Program is activated separately from Presidential declarations under the Stafford Act and may not be activated for all incidents. Federal-aid routes are ineligible for Permanent Work even if the ER Program is not activated or if the program is activated but FHWA does not provide funding for the work.

Harding Pike Rd is an FHWA road. Costs to restore this facility are not reimbursable in this project. Note that the PDMG/TFL issued an email RFI requesting confirmation that this facility is on a federal aid road. The applicant stated that they disagreed that FHWA is responsible for any of the damage on this project. See Project 240488 Email RFI and response.pdf, FHWA maps.pdf and Photo of street corner Harding Pike and Hillwood.pdf.

- 1. Force account Labor (\$549.05)
- 2. Force Account Equipment (\$557.04)
- 3. Materials (\$9,500.00)

See Determination Memo dated 5/04/2022 labeled Signed DM-21478-DR-4601-TN Nashville-Davidson Final.pdf uploaded to the project documents.

1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)
Amount Eligible (\$)	35,679.44	0.00	35,679.44
Federal Share (\$)	32,111.50	0.00	32,111.50

Capture Date: 03/20/2024	13:41	<u> </u>					
Federal Emergency Management Agency							
			Project Ap	pplication Grant Report (P.2)			
			Disas	ster: FEMA-4601-DR-TN			
Number of Records: 1							
Applicant ID: 037-5 Bundle # : PA-04- 00218(351)	TN-46		Applicant: NASHVILLE-DAVIDSON				
PW#	Cat	Fund Code	Cost Share	Projected Completion Date	Approved PW Amount (\$)		
PA-04-TN-4601-PW-00218(0)	В	06	N	11-08-2021	153,308.06		
Facility Number:	1						
Facility Name:	Dam	age # 54919	91; Emergency Prot	tective Measures (Various Department- EPM	)		
Location:		•		oodlettsville Middle School, Dudley Head St th Ave South 37212	art Center, Nashville Office of		
Scope of Work:	Work The	Emergency Management - 2060 15th Ave South 37212  549191 Various Department- EPM Work Completed  The applicant utilized force account labor, force account equipment, materials, and contract(s) for the Emergency Protective Measures to OEM, Police, Fire, Sherriff's, ECC, GS, MWS, Public Schools, MTA, MAC and Public Works.					

The cost share for this project is 90%. Work Completed from 3/25/2021 to 4/30/2021.

OEM, Police, Fire, Sherriff's, ECC, GS, MWS, Public Schools, MTA, MAC and Public Works:

- A. Applicant provided Security for road closures and intersections that did not have power at Multiple Locations from 3/25/2021 to 4/3/2021.
- B. Applicant provided Placing Barricades for Safety for blocking the streets to prevent the public from driving into areas that were not safe due to wind and flood damage at Multiple Locations from 3/25/2021 to 4/30/2021.
- C. Applicant provided Search and Rescue for areas that received flash flooding at Multiple Locations from 3/25/2021 to 4/3/2021.
- D. Applicant provided Emergency Operations Center for emergency assistance, including search and rescue, shelter, and medical care, to reduce the probability of secondary damage and to reduce damage by efforts such as road closures and police presence where signals were out, emergency safety inspections of buildings that were impacted by wind and floods; and the dissemination of information to the public to provide warnings and guidance about health and safety hazards at Nashville Office of Emergency Management 2060 15th Ave South 37212 from 3/27/2021 to 4/8/2021.
- E. Applicant provided Safety Inspections for many locations that were impacted and damaged by the floods and winds at Multiple Locations from 3/28/2021 to 4/8/2021.
- F. Applicant provided Temporary Slope Stabilization for protecting a maintained road and passengers that use the road  $(24 \, \text{FT} \times 15 \, \text{FT} \times 2 \, \text{FT})$  at McCrory Ln (36.072263, -87.005599) on 5/25/2021.
- G. Applicant provided Emergency Clean-up for preventing further damage to improved property within the community at Multiple Locations from 3/27/2021 to 4/5/2021.
- H. Applicant provided Temporary Repairs for temporarily sealed PVC roof so additional water did not infiltrate into the building to prevent further water damage at Dudley Head Start Center from 3/30/2021 to 4/20/2021.
- I. Applicant provided Dissemination of Information for providing warnings and guidance about health and safety hazards. OEM uses several means to get information out to the public: social media, press releases to the media (also posted to our website once issued), metro emergency alert and notification system and special briefings were emailed out to our Emergency Service Coordinators when deemed necessary at Multiple Locations from 3/27/2021 to 4/8/2021.
- J. Applicant provided Sewer Pump Cleaning and clearing for sewer repairs, resting pumps, correcting pump failures, unclogging grinder pumps, and bar rakes at Multiple Locations from 3/30/2021 to 5/27/2021.
- K. Applicant provided Emergency Inspection for damaged Variable Refrigerant Flow (VRF) systems at Goodlettsville Middle School on 3/30/2021.

Capture Date: 03/20/2024 13:41
Federal Emergency Management Agency
Project Application Grant Report (P.2)
Disaster: FEMA-4601-DR-TN

#### Number of Records: 1

L. Applicant provided Portable Air Conditioning Units for classrooms were the VRF system was damaged by the event at Goodlettsville Middle School on 3/30/2021.

## Work Completed:

1. Force Account Labor (Overtime): 226 Laborers - 2148.81 hours \$82,871.91

2. Force Account Equipment: 91 EA - 522.58 hours \$10,792.82

Materials: \$2,641.49
 Contracts: \$57,001.84

Work Completed Total: \$153,308.06

## Project Notes:

- 1. All costs associated with this project have been validated. Please see document labeled: 240415 4601DR TN Validation Summary .xlsx
- 2. The total project cost decreased by \$141.91 because the documents provided has a math errors in the total cost calculation and wrong hourly rate to FEMA cost code 8077. See RFI-PRJ-68134 for more information.
- 3. Pay Policy has been provided. See attachments labeled: Chapter 5-CS rules.docx; CivilServiceRules.pdf
- 4. Procurement Policy has been provided. See attachments labeled: Procurement Manual-FINAL.pdf;
   Procurement-Regulations.pdf
- 5. Damage assessments are not being claimed to FEMA. Emergency safety inspections were conducted to determine if buildings were safe for re-entry and if infrastructure was safe again for public use.
- 6. The applicant is claiming fuel for power generators at 8 locations. GPS locations for the power generators, see attachment labeled: Project 240415 JAT Oil invoice with GPS Locations.pdf
- 7. For more information regarding contracted labor, see RFI-PRJ-68134
- 8. Activities related to emergency clean-up included: relocating gravel and limbs from roadways, pumping water out of boiler room, relocating mud and limbs from around MNPS property, and clearing pipe drains and blockages. Clean up did not involve temporary staging of or final debris disposal those activities and costs were captured in Cat A Projects #240410 and #240412. See RFI-PRJ-68998 for more information.
- 9. 70 SY of clearing and grubbing, including approximately 7 trees < than 6 inches were removed at MCCrory Ln. Material was taken to 200 A Nonaville Rd, Mt. Juliet, TN 37122.
- 10. Nashville Office of Emergency Management year built: 2002. There were no alterations made to building exteriors or interiors in order to activate the EOC.
- 11. Vendor Southern Roofing performed temporary roof repairs. (1) Cleaned the PVC membrane around the perimeter of each PVC roof. (2) Applied temporary 3" seam tape. (3) Temporarily fastened TPO coated insulation plates over the PVC membrane. (4) Installed temporary flashing. Note that emergency roof scope is temporary and only expected to last 3 months when a permanent repair should be conducted. Permanent roofing repairs were captured in CAT E Project #240454. See RFI-PRJ-68998 for more information.
- 12. GPS locations for pump cleaning and clearing were included in attached document (Project #240415-DR4601(TN)-RFI Response-GPS locations MWS Emerg Work.xlsx)

1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)
Amount Eligible (\$)	153,308.06	0.00	153,308.06

	Federal Emergency Managen	nent Agency	
	Project Application Grant R	eport (P.2)	
	Disaster: FEMA-4601-	DR-TN	
mber of Records: 1			
Federal Share (\$)	137,977.25	0.00	137,977.25

Capture Date: 03/20/2024		•	Federal Em	ergency Management Agency												
				ergency Management Agency												
				oplication Grant Report (P.2)												
Novel or of December 2			νisas	ter: FEMA-4601-DR-TN												
Number of Records: 2	2004	20														
Applicant ID: 037-55 Bundle # : PA-04- 00193(396)	TN-46			Applicant: NASHVILLE-DAV	'IDSON											
PW #				Cat	Cat		Cat	Cat	Cat	Cat	Cat	Cat	Fund Code	Cost Share	Projected Completion Date	Approved PW Amount (\$)
PA-04-TN-4601-PW-00193(0)		06	N	11-08-2022	181,266.2 <sup>4</sup>											
Facility Number:	1		., .,	11 00 2022	101,200.2											
	-	ago #5503 <i>4</i>	1. Pacoway track													
Facility Name:			1; Raceway track	27202												
Location: Scope of Work:		smith Stree 41 Racewa	et, Nashville, Tenne	ssee 37203												
	The apre-o	disaster de ville-David urchased (1	tilized Force Accou sign, function and c son 0) ATq20 Midget 20	int Materials, Rentals, and Contract Service capacity. A 500V TD fuses for fairground buildings eel to clean mud, dirt, and rock from pave												
	1. Materials: \$191.00 2. Rental: \$2,923.19															
	Contract Services  Site 1 (36.13074, -86.76181)  A. Replaced infield power supply panel. (See Scope Note #1)  Site 2 (36.13050, -86.76186)  B. Repaired electrical system to include breakers, outlets, and switches in public bathroom															
	Site 3 (36.13005, -86.76200) C. Repaired electrical system to include breakers, outlets, and switches in tire barn Site 4 (36.12804, -86.76232) D. Repaired electrical system to include breakers, outlets, and switches in ticket booth Site 6 (36.129864, -86.76104) E. Replaced 128 LF X 6 FT of chain link fence with barbed wire top															
	Site 7 (36.129864, -86.76104) F. Replaced 42 FT W-Beam Section Guardrail Site 8 (36.129864, -86.76104) G. Replaced 4.16 CY of Rip rap rock															
	Site 9 (36.12820, -86.76234) H. Replaced 162 LF X 6 FT of chain link fence  1. Contract Services: \$56,639.59															
	Work Completed Total: \$59,753.78															
	Scop	e Note														
	moui -86.7	nted power	supply to a higher ructure not claimed	power supply (36.13074, -86.76181) has be elevation approximately 75' from the prev d on this project. See zip file named DI 550	vious structure (36.130704,											
			moved from Contra to be claimed in sep	ct cost and placed in Materials and Rental parate project.	cost. \$185,693.92 (Contract) removed											

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	Federal Emergency Management Agency
	Project Application Grant Report (P.2)
	Disaster: FEMA-4601-DR-TN
Number of Records: 2	
	Discipat Notes
	Project Notes:
	1. Cost associated with this project has been validated. See attachment labeled 240600 FEMA CRC DVS Validation Summary
	2. The Fairground facility was built in 1987. The Fairgrounds was located at 625 Smith Avenue, Nashville, TN (36.13277, -86.76155)
	3. Replaced aggregate material was obtained from Reostone, LLC located at: 6514 Robertson Ave, Nashville, TN 37209 (36.160294, -86.881424)
	4. Generated debris was disposed of at the Waste Management Landfill located at 4651 Amy Lynn Dr, Suite 1, Nashville, TN 37218 (GPS coordinates: 36.207701, -86.881796).
Facility Number:	2
Facility Name:	Damage #662106; Multiple parks 13 facilities
Location:	1 park square, Nashville , Tennessee 37201
Scope of Work:	662106 Multiple parks 13 facilities
	Work Completed
	The Applicant utilized Force Account Labor, Force Account Equipment, and Contract Services to restore the Fairground back to pre-disaster design, function, and capacity within the existing footprint.
	Nashville-Davidson  A. Hauled boulders and barricades to Cooper Creek washout and loaded mulch for playgrounds.
	1. Force Account Labor: 8 employees: 69.5 OT hours: \$2,373.23 2. Force Account Equipment: 62.5 hours = \$1,880.89
	Contract Services
	A. Crieve Hall Elementary School: Replaced 12 tons of loose fill Rubber Mulch.  B. Edmondson Pike Library: Replaced 56 CY of engineered wood fiber.
	C. Edwin Warner Park: Replaced 114.07 tons of open grade No 4 stone.
	D. England Park: Replaced 106 CY of engineered wood fiber; replaced 1,925 SF of geotextile weed barrier; replaced 3,851 SF of Base Aggregate.
	E. Fair Park dog park: Replaced 1 Forever Lawn and replaced 5.41 tons of open grade No 7 stone
	F. Hamilton Creek: Replaced 22.84 tons of open grade No 4 stone. G. Harpeth River Greenway: Replaced 1,250 LF of 8' golf netting and replaced 500 LF of 12' of golf netting
	H. Hartman Park- Replaced 100 CY of engineered wood fiber.
	I. Paragon Mills Park: Repaired 110 LF X 6FT galvanized chain link fence and replaced (1) 3" OD vinyl coated terminal post.
	J. Richland Creek Greenway: Repaired 180 LF of 72" vinyl coated fencing (wire mesh); Repaired 90 LF of 24" vinyl coated fencing (wire mesh). Replaced (8) 3" OD vinyl coated posts with concrete footings; 441 LF of 1 5/8" vinyl coated rails: reinstall 2 wire mesh fence panel gates.  K. Shelby Park Riverview: Replaced 30 CY of engineered wood fiber.
	L. Warner Park: Replaced 5.92 tons of open grade No 4 stone
	M. West Park: Replaced 100 CY of engineered wood fiber.  N. Whitfield Park: Replaced 10 tons of loose fill Rubber Mulch.
	O. Whitfield Park Ball Field: Repaired 150 LF 8' galvanized chain link fence; Replaced (7) 3" terminal posts. Repaired 150 FL of 8' black vinyl coated chain link fence.
	1. Contract Services: \$117,258.34 Work Completed Total: \$123,101.42
	Scope Notes:
	1. Parks and Playgrounds Locations:  Richland Creek Greenway Nashville, TN (36.145517, -86.851984) Stop (36.145383, -86.852843)  Whitfield Park Nashville, TN (36.06649, -86.73945)  Paragon Mills Park Nashville, TN (36.09505, -86.71483)

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- Harpeth River Greenway Nashville, TN Start (36.058979, -86.944118) Stop (36.055198, -86.943324)
  England Park Nashville, TN (36.15697, -86.85569)
  Shelby Park Riverview Nashville, TN (36.17112, -86.73466)
  West Park Nashville, TN (36.16288, -86.86303)
  Whitfield Park Nashville, TN (36.06649, -86.73945)
  Hartman Park Nashville, TN (36.20999, -86.82524)
  Edmondson Pike Library Nashville, TN (36.04501, -86.74479)
  Crieve Hall Flementary School Nashville TN (36.06651, -86.75826)

- · Crieve Hall Elementary School Nashville, TN (36.06651, -86.75826) · Fair Park dog park Nashville, TN (36.12621, -86.76556)
- · Hamilton Creek, Nashville, TN (36.10454, -86.62356)
- 2. Wood fiber material was supplied by Great Southern located at: 2441 Old Fort Pkwy, Murfreesboro, TN 37128 (35.843483, -86.441684)

1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)
Amount Eligible (\$)	181,266.24	0.00	181,266.24
Federal Share (\$)	163,139.62	0.00	163,139.62

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				rgency Management Agency	
				lication Grant Report (P.2) er: FEMA-4601-DR-TN	
Number of Records: 1			Disaste	II. I LMA-400 I-DR-IN	
Applicant ID: 037-5: Bundle # : PA-04- 00248(400)	-TN-4601-PW-			/IDSON	
PW #	Cat	Fund Cat Code Cost Share Projected Completion Date Approved PW Amour			
PA-04-TN-4601-PW-00248(0)	Е	06	N	11-08-2023	1,841,734.99
Facility Number:	1				
Facility Name:	Dama	age #54925	3; MTA Nestor Facilit	у	
Location:	130 1	Nestor , Na	shville, Tennessee 37	210	
	The a	ter design, ville-David	tilized contracts for function, and capac son MTA Building. Roo		
	1. Removed and replaced 30 each of 1 foot x 1 foot PVC membrane damage areas				
	Nashville-Davidson MTA Building. Roof Area B South/East building section, that runs north/south at 295 foot long x 112 foot wide. GPS 36.15735,-86.75518:				
	2. Removed and replaced 6,724 SF of 96 each steel decking panels covering a 82 foot x 82 foot roof area. A classified as Temporary repair has been completed, panels were peeled back by high winds from rain event. Contractor temporary repair completed on 03.28.2021 and 03.29.2021.				
	Work	Complete	d Total (CEF): \$127,8	79.15	
	Work to be Completed				
	The applicant will utilize contracts for the repairs to the MTA Nestor Facility to restore this facility back to its pre- disaster design, function, and capacity within the existing footprint based upon best practices.				
	Nash	ville Davids	son MTA Building. Insi	ide door. South side:	
	Site	1u:			
	1.	Remove a	nd replace 1 each of	480 V, 12 A door electrical control panel	l
	Nash	ville-David:	son MTA Building. Fire	e protection equipment building (36.156	89, -86.75582):
	Site	1g:			
	2.	Remove a	nd replace 428 SF of	8 IN CMU block, housing fire piping.	

Remove and replace 100 SF of Sheetmetal cover over metal frame with folded fascia over CMU at fire pipe

3. Remove and replace 1 EA of 3068 steel door.

Site 1h:

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## Federal Emergency Management Agency

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building, 10 FT long x 10 FT wide

Site 1i:

5. Remove and replace 6 IN wide sheet metal fascia, 40 FT long, warped and blown away by high winds from rain event, 0% work completed.

Site 1j:

6. Remove and replace 1 each of 30 inch x 30 inch metal stop sign, and a 12 inch x 18 inch metal attention sign. Both attached to 1 each 8 ft u-channel sign post

Site 1k:

7. Remove and replace 1 each of 32 IN W x 6 FT H metal door with frame

Nashville-Davidson MTA Building. Inside office area. Site:

1t:

8. Remove and replace 300 each of 2 FT x 2 FT acoustic ceiling tiles for offices

Nashville-Davidson MTA Building. Roof Area A. North building section, that runs east/west at 264 foot long x 56 foot wide. GPS 36.15867,-86.75591:

- 9. Remove and replace 3,000 SF of Roof. HD Polyiso Cover Board, over existing insulation board that requires repair and replacement itself, achieving an R-25 insulation value
- 10. Remove and replace 3,000 SF of Roof. PVC Roof System, using an 80 mil, adhered PVC product
- 11. Remove and replace 1 each of West end. Metal edge flashing, 29 gage, 2 inch x 4 inch, 85 FT long
- 12. Remove and replace 1 each of East end. Metal edge flashing, 29 gage, 2 inch x 4 inch, 85 FT long

Nashville-Davidson MTA Building. Roof Area B South/East building section, that runs north/south at 295 foot long x 112 foot wide. GPS 36.15735,-86.75518:

- 13. Remove and replace 33,040 SF of Roof. Standing seam metal roofing panel system composed of 22 gage 1 foot  $\times$  40 foot panels
- 14. Remove and replace 6,075 SF of Roof. HD Polyiso Cover Board, insulation board achieving an R-25 insulation value
- 15. Remove and replace 1 each of North end. Flashing, ridge, Z closure, 29 gage, 112 FT long
- 16. Remove and replace 1 each of North end. Flashing, ridge, 12 inch cap, 29 gage, 112 FT long
- 17. Remove and replace 1 each of East side. 6 inch box gutter, 24 gage for major damaged sections., 560 FT long
- 18. Remove and replace 1 each of East side. 3.5 inch x 4 inch gutter downspout, 24 gage for major damaged sections., 50 FT long
- 19. Remove and replace 1 each of South/East end. Flashing, end, 29 gage, L channel, 100 FT long

Nashville-Davidson MTA Building. Roof Area C. West building section, that runs North/South at 580 foot long  $\times$  116 foot wide plus a section 288 foot long  $\times$  42 foot wide. GPS 36.15782,-86.75575:

- 20. Remove and replace 79,376 SF of Roof. PVC Roof System, using an 80 mil, adhered PVC product
- 21. Remove and replace 15,875 SF of HD Polyiso Cover board, insulate value to R-25

Nashville-Davidson MTA Building. Roof Area D Middle building section, that runs north/south at 290 foot long  $\times$  62 foot wide. GPS 36.15805,-86.75544:

- 22. Remove and replace 2,500 SF of Roof. Standing seam metal roofing panel system composed of 22 gage 1 foot x 40 foot panels
- 23. Remove and replace 1 each of West side. Edge flashing, 29 gage, L channel, 250 FT long

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Nashville-Davidson MTA Building. Roof Area E Middle building, East side section, that runs north/south at 290 foot long x 50 foot wide. GPS 36.15834,-86.75530:

24. Remove and replace 3,500 SF of Roof. Standing seam metal roofing panel system composed of 22 gage 1 foot x 40 foot panels

Nashville-Davidson MTA Building. Siding. East side:

Site 1e:

25. Remove and replace 750 SF of 36 IN wide metal Preformed wall panel

Site 1l:

26. Remove and replace 36 SF of 36 IN wide metal Preformed wall panel, 6 FT long x 6 FT wide

Site 1m:

27. Remove and replace 120 SF of 36 IN wide metal Preformed wall panel, 6 FT long x 20 FT wide

Site 1q:

28. Remove and replace 180 SF of 36 IN wide metal Preformed wall panel, 20 FT long x 9 FT wide

Nashville-Davidson MTA Building. Siding. North side:

Site 1r

29. Remove and replace 180 SF of 36 IN wide metal Preformed wall panel, 12 FT long x 12 FT wide

Site 1s:

30. Remove and replace 72 SF of 36 IN wide metal Preformed wall panel, 6 FT long x 12 FT wide

Nashville-Davidson MTA Building. Siding. South side:

Site 1f:

31. Remove and replace 336 SF of 36 IN wide metal Preformed wall panel

Nashville-Davidson MTA Building. Signage. North end parking, 36.15877,-86.75500:

- 32. Remove and replace 1 each of free standing, wood supported 8 foot x 8 foot frame for information sign
- 33. Remove and replace 1 each of free standing, metal pipe supported 8 foot x 8 foot frame for information sign Nashville-Davidson MTA Building. Signage. South, east and west sides entry points at exterior of main building:

34. Remove and replace 4 each of 18 inch x 18 inch metal information signs, attached to building

Nashville-Davidson MTA Building. Signage. South, east and west sides exterior of main building:

35. Remove and replace 5 each of 12 inch x 18 inch metal attention signs, attached to building

Nashville-Davidson MTA Building. Wall. East side:

Site 1d:

36. Remove and replace 1 each of 5 FT exhaust fan, 60 IN X 60 IN louver cover and bug screen blown away and fan blades

Nashville-Davidson MTA Building. Walls. East side:

Site 1n:

37. Remove and replace 1 each of 4 FT exhaust fan

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Project Application Grant Report (P.2)	
Disaster: FEMA-4601-DR-TN	

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Work to be Completed Total (CEF): \$1,713,855.84

Total Damage Inventory (CEF): \$1,841,734.99

#### Project Notes:

- 1. For cost information, please see FEMA-prepared CEF file "240452 DR4601TN MTA Nestor Facility CEF revised 08.22.2022.xlsx."
- 2. Contractor roof repair/replacement recommendations put forth in project document "240452 Nashville MTA Roof Evaluation.pdf" are inconsistent with applicant/FEMA agreed upon Damage Description and Dimensions (DDD) damages. For the purposes of FEMA's CEF, this contractor visual assessment document has been discounted because it did not benefit from subsequent observations made over time while the building continued to remain in service.
- 3. All site estimates for work to be completed were validated using RSMeans standard union unit costs, 1st quarter 2022, Nashville, Tennessee.
- 4. Applicant insurance policies are attached at the project level in Grants Manager.
- 5. For work to be completed, the applicant is required to obtain any necessary Federal, State, and Local environmental permits prior to the start of construction.
- 6. Procurement will be in accordance with state and federal requirements.
- 7. For completed work, disposal location was Waste Management Southern Services C&D Landfill & Environmental Center Amy Lynn Dr. Suite 1 Nashville, TN 37218. GPS (36.20979, -86.87968).
- 8. The Fire Protection Equipment Building includes all 428 sf of walls and 1 ea of service door to be replaced which is more than the 107 sf of wall listed in the DDD. The Fire Protection Equipment Building photos (see document 'backflow building.pdf' provided by the applicant show that the walls appear to meet the IBC's definition of substantial structural damage.

1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)
Amount Eligible (\$)	1,841,734.99	0.00	1,841,734.99
Federal Share (\$)	1,657,561.49	0.00	1,657,561.49

			Federal Emerg	ency Management Agency			
			Project Appli	cation Grant Report (P.2)			
			Disaster	: FEMA-4601-DR-TN			
Number of Records: 1	2004	00					
Applicant ID: 037-52 Bundle # : PA-04-	Z004- TN-46	00 01-PW-					
00255(403)		Fund		Applicant: NASHVILLE-DAV	IDSON		
PW #	Cat	Code	Cost Share	Projected Completion Date	Approved PW Amount (\$)		
PA-04-TN-4601-PW-00255(0)	G	G 06 N 11-08-2023					
Facility Number:	1						
Facility Name:	Damage #549311; Multiple locations 13 facilities						
Location: Scope of Work:			, Nashville, TN 37219 locations 13 facilities				
	Work	Completed	tilized contracts for th	ne repairs to Mill Creek Greenway- Old C apacity (in-kind) within the existing foo			
	O3. Mill Creek Greenway, Old Glenrose Bridge, 36.11807, -86.72436:  A. Replace 4.44 CY of asphalt combination of 2 inches of BM-2 and 2 inches of 411-E, 20 FT long x 18 FT IN deep, location at bridge approach  B. Replace 8.88 CY of base, type-2 at bridge approach wing walls, four locations (6 ft long each), 24 FT FT wide x 10 IN deep, location at bridge approach						
			•	rose Trail, 36.11788, -86.72137:			
	C.	Replace 1 e	each of Culvert (1 of 2	), at east side CMP below trail path at 7	'2-inch diameter x 44 foot long		
	D.	Replace 0.	6981 CY of concrete ca	aissons for posts, 3 each replacement re	equired, 6 FT long x 2 FT in diameter		
	E.	Replace 0.7	74 CY of concrete post	support flatwork at surface, pour in pla	ace, 30 FT long x 2 FT wide x 4 IN deep		
	04. Mill Creek Greenway, Old Glenrose Trail, 36.11788, -86.72137:						
	F. Replace 74.66 CY of Subgrade, native soil and rock combination, 28 FT long x 12 FT wide x 6 FT deep				ng x 12 FT wide x 6 FT deep		
	G.	Replace 6.	22 CY of subbase, cons	sisting of crushed stone, 28 FT long $x$ 12	FT wide x 6 IN deep		
	н.	Replace 6.2	22 CY of base, type 2,	28 FT long x 12 FT wide x 6 IN deep			
	l. F	Replace 4.1	4 CY of asphalt, comb	ination of 2-inch BM 2 and 2 inch of 411	-E, 28 FT long x 12 FT wide x 4 IN deep		
	1.	Contracts:	\$142,177.00				
	Work	Completed	d Totals				

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Work Completed Total: \$142,177.00

#### Work to be Completed

The applicant will utilize contract and (or) force account for exterior repairs to 13 Parks to restore this facility to its pre-disaster design, function and capacity (in-kind) within the existing footprint.

- 01. Browns Creek Greenway, At Park Terrace Dr., East bridge side, 36.11383, -86.77511:
- 1. Replace 2.17 CY of Asphalt, material combination of BM 2 (2 inches) and 411-E (2 inches), 22 FT long x 8 FT wide x 4 IN deep
- 01. Browns Creek Greenway, At Park Terrace Dr., West bridge side, 36.11383, -86.77511:
- 2. Replace 3.25 CY of Base, Type 2 base material, 22 FT long x 8 FT wide x 6 IN deep

02(A, north side). Harpeth River Greenway, 36.36.05417, -86.94658:

- 3. Replace 16.33 CY of Pour in place concrete, 49 FT long x 1.5 FT wide x 6 FT high
- 4. Replace 5.55 CY of Class II rock, to 3/4-inch, 10 FT long x 10 FT wide x 18 IN deep
- 5. Replace 1.85 CY of Type 2 base rock, 10 FT long x 10 FT wide x 6 IN deep
- 6. Replace 1.85 CY of Asphalt, 10 FT long x 10 FT wide x 6 IN deep
- 7. Replace 5.92 CY of Class II rock at north side wingwall location, 10 FT long x 8 FT wide x 2 FT deep
- 8. Replace 25 SY of Geo-fabric underlayment for Class B rock at abutment slope
- 9. Replace 2 each of Pour in place (30" x 24" x 12" deep) concrete bearing pad
- 10. Replace 4 each of Steel threaded bridge bearing bolts at 10 inch long and 2-inch diameter
- 11. Replace 72.59 CY of Rip Rap, Class B rock (18 to 24 inch), 49 FT long x 20 FT wide x 2 FT deep

02(A, south side). Harpeth River Greenway, 36.36.05417, -86.94658:

- 12. Replace 37.03 CY of Class B rock (18 to 24 inch) at south side abutment slope location, 20 FT long  $\times$  10 FT wide  $\times$  5 FT deep
- 13. Replace 1,733.33 CY of primary rock for large equipment haul road, beginning at end of local road, Beech Bend Dr, 390 FT long x 20 FT wide x 6 FT deep
- 14. Replace 16.33 CY of Pour in place concrete, 49 FT long x 1.5 FT wide x 6 FT high
- 15. Replace 25 SY of Geo-fabric underlayment for Class B rock at abutment slope
- 16. Replace 4 each of Steel threaded bridge bearing bolts at 10 inch long and 2-inch diameter
- 17. Replace 2 each of Pour in place (30"  $\times$  24"  $\times$  12" deep) concrete bearing pad with non-shrink grout attachment to abutment wall assembly
- 02. Harpeth River Greenway, 36.05869, -86.94336:
- 18. Replace 240 SF of all-purpose black mesh netting, sized at 1 inch (comes as a  $6' \times 100'$  roll), 40 FT long  $\times 6$  FT wide

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04(a). Mill Creek Greenway, Old Glenrose Trail, 36.11788, -86.72137:

- 19. Replace wood rail safety assembly separating roadway from trail path.  $6 \times 6$  sunken vertical support at 8 foot long (replacement) and 2 each  $6 \times 6$  horizontal rails at 10 foot long (replacement), 28 FT long
- 20. Replace posts, 6-inch x 6-inch pressure treated wood vertical rail supports. Total of 7 post replacements, 56 FT long
- 21. Replace rail, 2-inch  $\times$  8-inch pressure treated wood horizontal rail supports. 3 rail assembly replacements, 100 FT long
- 22. Replace rail, 2-inch x 6-inch pressure treated wood (railing) vertical lock down at each post. Repair at 9 posts, 30 FT long
- 05. Mill Creek Greenway, at Antioch Middle School, 36.05706, -86.67042:
- 23. Replace 21.92 CY of asphalt, combination of 2-inch BM 2 and 2 inch of 411-E, 148 FT long x 12 FT wide x 4 IN deep
- 24. Replace 65 CY of Embankment, 6 inches to 9-inch riprap, 65 FT long x 18 FT wide x 1.5 FT deep
- 06. Mill Creek Greenway, Ezell Park, 36.09112, -86.68344:
- 25. Replace 4.44 CY of asphalt, combining 2 inches BM 2 and 2 inches of 411-E, 30 FT long x 12 FT wide x 4 IN deep
- 07. Mill Creek Greenway, Culbertson low water bridge, 36.01281, -86.68495:
- 26. Replace 5.55 CY of Embankment riprap (6 inch to 9 inch) at both ends and both sides to trail bridge, 20 FT long x 5 FT wide x 1.5 FT deep
- 27. Replace 2.59 CY of surface access to bridge, gravel at both ends, 20 FT long x 14 FT wide x 3 IN deep
- 08. Seven Mile Creek Greenway Trailhead east side foot bridge (connecting Walmart area to Pollo Campero Restaurant area), 36.08124, -86.72419:
- 28. Replace 1.48 CY of concrete trail slab walkway entering foot bridge access, 12 FT long x 6 FT wide x 4 IN deep
- 08. Seven Mile Creek Greenway Trailhead foot bridge (connecting Walmart area to Pollo Campero Restaurant area), 36.08124, -86.72419:
- 29. Replace 12.44 CY of Embankment slope, Class A-1 (6 to 9 inch) material at west side trail walk way at foot bridge access, 12 FT long x 28 FT wide x 12 IN deep
- 30. Replace 1.33 CY of structural fill, consisting of flowable concrete or graded stone under east side trail walk way at foot bridge access, 12 FT long x 6 FT wide x 6 IN deep
- 31. Replace 10.37 CY of embankment Rip Rap, Class A-1 (6 to 9 inch) material at each side of east side trail walk way at foot bridge access, 14 FT long  $\times$  20 FT wide  $\times$  12 IN deep
- 32. Replace 1 each of Safety rail, sized at 1 1/2", with a top and mid rail, leading to east side foot bridge access. 10 feet on both sides of bridge entry concrete walk, 20 FT long
- 08. Seven Mile Creek Greenway Trailhead foot bridge (connecting Walmart area to Pollo Campero Restaurant area), 36.08124, -86.72419:

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- 33. Replace 5.33 CY of subgrade adjacent to west side trail walk way at foot bridge access, 12 FT long x 4 FT wide x 3 FT deep
- 09 (a). Shelby Bottoms Greenway, 36.16683, -86.71708:
- 34. Replace 4.93 CY of Asphalt Trail surface, combination of 2 inches of BM-2 and 2 inches of 411-E: total 4 inches asphalt,  $80 \text{ FT} \log x 5 \text{ FT}$  wide x 4 IN deep
- 35. Replace 5.55 CY of Embankment, Class II rock at 3/4", 150 FT long x 6 FT wide x 2 IN deep
- 10. a. Stones River Greenway near boardwalk, 36.18471, -86.63366:
- 36. Replace 3.55 CY of Asphalt surface consisting of combination of 2-inch BM2 and 2 inches 411-E, 24 FT long  $\times$  12 FT wide  $\times$  4 IN deep
- 37. Replace 2 each of Concrete Scouring in column footings, 16 FT long x 1 FT wide
- 10. b. Stones River Greenway near broadwalk. 36.17839, -63706:
- 38. Replace 2.37 CY of Embankment, Class II rock at 3/4", 48 FT long x 4 FT wide x 4 IN deep
- 10. b. Stones River Greenway near boardwalk. 36.17839, -86.63366:
- 39. Replace 3.55 CY of Asphalt surface consisting of combination of 2-inch BM2 and 2 inches 411-E, 48 FT long x 6 FT wide x 4 IN deep
- 11. a. Edwin Warner Park at shelter No 11. 36.05080, -86.91665:
- 40. Replace 44.44 CY of Surface asphalt, combination of 2 inches BM2 and 2 inches 411-E, 225 FT long x 16 FT wide x 4 IN deep
- 11. b. Edwin Warner Park 36.05278, -86.91454:
- 41. Replace 3.95 CY of Surface asphalt, combination of 2 inches BM2 and 2 inches 411-E, 20 FT long  $\times$  16 FT wide  $\times$  4 IN deep
- 12. Percy Warner Park at Deep Wells Trailhead. 36.07501, -86.87945:
- 42. Replace 26.22 CY of Asphalt surface, combination of 3 inches of BM2 and 1.5 inches of 411-E, 118 FT long  $\times$  16 FT wide  $\times$  4.5 IN deep
- 43. Replace 34.96 CY of Base material, Type 2, 118 FT long x 16 FT wide x 6 IN deep
- 13. Hermitage Park, 36.17675, -86.61448:
- 44. Replace 14.93 CY of structural fill at vertical piles support at boardwalk, 11 locations, each 2'  $\times$  2'  $\times$ 10", 22 FT long  $\times$  22 FT wide  $\times$  10 IN deep

Work to be Completed Total: \$931,345.92

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Federal Emergency Management Agency					
Project Application Grant Report (P.2)					
Disaster: FEMA-4601-DR-TN					

## Number of Records: 1

Total Damage Inventory: \$1,073,522.92

## Scope Notes:

1. Line-item 47. FEMA Conducted an Onsite Inspection of piers 5 through 16 on boardwalk SR-BW3.

#### **Project Notes:**

- 1. All costs associated with this project have been validated, using RSMeans 2022. See attachment labeled 240599 DR4601TN Cost Validation.xlsx.
- 2. Applicant has disregarded their original estimate and has formulated an RSMeans estimate to more closely align with the repairs required. See CRC Cost Validation, Applicant Estimate Tab: 240599 DR4601TN Cost Validation.xlsx
- 3. Work to be Completed: All borrow or fill material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal finding. Documentation of borrow sources utilized is required at closeout.
- 4. All procurement documents attached have been reviewed. See attachments labeled Procurement-Regulations.pdf and Procurement Manual-FINAL.pdf
- 5. Payroll policy has been provided and reviewed. See attachments labeled CivilServiceRules.pdf and Chapter 5-CS rules.docx.
- 6. Maintenance Records. See attachment labeled Project #240599-DR4601(TN)-Maint Records for 3 Locations.pdf.
- 7. HMP items have been identified in the Applicant's supplied estimates (Greenway Bridge and Asphalt Inspection Report-Final 090121.pdf). See the following for descriptive details:
- a. Mercy Creek Greenway- Antioch Middle School- Install 16 LF of 18 IN Dia. RCP and 2 concrete headwalls for drainage. Install rip rap for outlet. Install timber three rail fencing (10 LF).
- b. Percy Warner Park- Upsize a 15 IN CMP to a 24 IN RCP with (2) stone/masonry headwalls, Rip Rap, Channel lining.
- 8. Bridge Identification numbers:
- a. Harpeth River Greenway- Bridge HR-BR5
- b. Mill Creek Greenway- Bridge MC-BR1, MC-BR5, MC-BR6
- c. Seven Mile Creek Greenway- Bridge SMC-BR1 (36.081128, -86.723907)
- d. Shelby Bottoms Greenway- Bridge SB-BR2, SB-BW3 (Observation Deck), SB-BW4 (Zig Zag Boardwalk)
- e. Stones River Greenway- SR-BW3 (Boardwalk), SR-BW4, SR-BW5, SR-BW6
- 9. Source of Fill Material:
- a. Walker Building Group
- b. 2617 Locust St. Nashville, TN 37207
- c. 36.215090, -86.769230

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10. Site 02 (A, south side). Harpeth River Greenway GPS:

a. Start: 36.053812, -86.946765b. End: 36.054311, -86.946481

- 11. Harpeth River Greenway: the bridge cannot be removed on a single lift. This bridge is composed of three sections, bolted together. The repair plan involves staging 2 cranes on the south side of the river and one crane on the north side. Two sections of bridge would be staged on the south side and a small laydown area would be built to stage a section on the north side. Therefore, another temporary haul road is needed for accessibility off Old Hickory Rd. This area was also used as an access way when the bridge was originally erected. Based on site inspection conversations with FEMA EHP, it was mentioned that this would not be an issue since the same area was used during original construction.
- 12. Mill Creek Greenway- Old Glenrose Trail The majority of this project is 100% complete so the updated claim amount was based on the \$142,177.00 Walker Construction invoice plus the only two estimated repair items by FEMA that still need to be completed.

1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)
Amount Eligible (\$)	1,084,898.00	0.00	1,084,898.00
Federal Share (\$)	976,408.20	0.00	976,408.20

			Fodoral Ema	rgency Management Agency	
				rgency Management Agency	
				olication Grant Report (P.2) er: FEMA-4601-DR-TN	
Number of Records: 1			Disast	er: rema-4601-DR-IN	
Applicant ID: 037-52	2004	00			
Bundle #: PA-04-1					
00253(410)				Applicant: NASHVILLE-DA\	/IDSON
PW #	Cat	Fund Code	Cost Share	Projected Completion Date	Approved PW Amount (\$)
PA-04-TN-4601-PW-00253(0)	Е	06	N	11-08-2023	23,790.80
Facility Number:	1				
Facility Name:	Dama	age #54925	2; Paragon Mills		
Location:	465 E	Benito Drive	e, Nashville, Tenness	see 37211	
	facili Conce Site	ty back to ession:	its pre-disaster desi	for in-kind repairs to Paragon Mills Park Cogn, function and capacity within the exist function	
	IN) Site C. Re C. Re Site D. Re Site F. Re Site G. Re Site J. Re Gene Site Men's Site K. Re Men's	Ic: emove and Id: emove and If: move and I Ig: emove and Ih: emove and I Ii: move and I Ii: emove and I Ii: emove and I Ii: emove and I Ii: emove and I II: Is: emove and Im: emove and	Replace 1 each of so Replace 1 each of w Replace 218.75 SF of Replace 1 each of 19 Replace 1 each of tr Replace 1 each of tr Replace 1 each of 20 Replace 10 each of 1 Replace 10 each of 1	-gallon 120V water heater	height ing, 32 IN wide x 37 IN height

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	Federal Emergency Management Agency
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	Disaster: FEMA-4601-DR-TN
umber of Record	ls: 1
	Site 1p: O. Remove and Replace 1 each of white commercial toilet P. Remove and Replace 1 each toilet tissue dispenser Q. Remove and Replace 1 each electric hand dryer
	Site 1q: R. Remove and Replace 1 each of wood and plywood bathroom stall
	Site 1r: S. Remove and Replace 1 each of solid core metal door, 3 FT wide x 6ft 8 IN height
	Site 2b: T. Remove and Replace 1 each of electrical service meter base
	Site 2f: U. Remove and Replace 5 each of miscellaneous signage for bathrooms and concession
	Walls:
	Site 2a: T. Remove and Replace 936 SF of vertical board batten composite siding
	Women's Restroom Entry: U. Remove and Replace 56 SF of 2x4 wood stud framed walls V. Remove and Replace 2 each PT4x4 wood posts W. Remove and Replace 2 each 4x4 post anchors X. Remove and Replace 1 each PT4x4 post tie Y. Remove and Replace 112 SF of T1-11 (5/8" thick) wood siding Z. Remove and Replace 8 LF of PT2x6 top cap AA. Remove and Replace 14 LF of 1x4 pine trim AB. Remove and Replace 7 LF of 1x2 pine trim
	Men's Restroom Entry: AC. Remove and Replace 56 SF of 2x4 wood stud framed walls AD. Remove and Replace 2 each PT4x4 wood posts AE. Remove and Replace 2 each 4x4 post anchors AF. Remove and Replace 1 each PT4x4 post tie AG. Remove and Replace 112 SF of T1-11 (5/8" thick) wood siding AH. Remove and Replace 8 LF of PT2x6 top cap AI. Remove and Replace 14 LF of 1x4 pine trim AJ. Remove and Replace 7 LF of 1x2 pine trim
	Women's Bathroom:
	Site 1k:  AK. Remove and Replace 354.11 SF of 1/2 IN plywood wall  AL. Remove and Replace 3 each toilet tissue dispenser  AM. Remove and Replace 1 each electric hand dryer
	Site 1l: AN. Remove and Replace 2 each of wood and plywood stall toilet partition AO. Remove and Replace 1 each of handicap wood and plywood stall toilet partition
	Work To Be Completed Total: \$64,091.04
	Project Notes:
	1. All site estimates for work to be completed were generated using RS Means Online 2021 data for the Nashville

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Project Application Grant Report (P.2)					
Disaster: FEMA-4601-DR-TN					

## Number of Records: 1

(370-372), TN area. See attachment labeled "4601DR-TN (240451) Paragon Mills Cost Estimate Validation Revised.xlsx". The repair cost estimate was then factored up with ENR Cost Index for Building Costs to update to 2022 Q2 costs.

- 2. The SIR and Damage Description and Dimensions (DDD) refer to Concession Site 1b wood baseboard length as 893 FT. This was revised to 893 IN in the SOW above.
- 3. A Repair vs. Replacement analysis was performed. FEMA made this analysis using the replacement estimate provided by the Applicant's Certified Professional Estimator. Refer to document "Project 24051 Replacement CEF 9 15 2021.xlsx" for the Applicant's replacement estimate. This estimate was generated by the Applicant using RS Means 2021 data for the Nashville (370-372), TN area. For the 50% Calculation, FEMA generated a Repair Estimate based on the DDD and validated the Applicant's Replacement Estimate. These costs were then factored up using ENR's Building Cost Index in order to provide an equivalent comparison using 2022 Q2 costs. These final factored costs used in the 50% calculation were determined to be \$64,091.04 and \$159,433.48, respectively. Based on these figures, the repair/replacement ratio was determined to be 40%, making the replacement not eligible. Refer to document "4601DR-TN (240451) Paragon Mills Cost Estimate Validation Revised.xlsx", "50% Calculation" tab for the analysis. Costs for Improved Project are capped at the least cost and based on repairs to pre-disaster condition.
- 4. Applicant will comply with its local, state, federal procurement laws, regulations and procedures.
- 5. All borrow or fill material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal finding. Documentation of borrow sources utilized is required at closeout.

1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)
Amount Eligible (\$)	23,790.80	0.00	23,790.80
Federal Share (\$)	21,411.72	0.00	21,411.72

			Federal Eme	ergency Management Agency		
	Project Application Grant Report (P.2)					
				ter: FEMA-4601-DR-TN		
Number of Records: 1						
Applicant ID: 037-52004-00 Bundle #: PA-04-TN-4601-PW- 00267(413)		Applicant: NASHVILLE-DAVIDSON				
PW #	Cat	Fund Code	Cost Share	Projected Completion Date	Approved PW Amount (\$)	
PA-04-TN-4601-PW-00267(0)	Z	06	N	11-04-2025	285,835.18	
Facility Number:	1	1				
Facility Name:	Damage # 1305456; Management Costs (Nashville-Davidson, County of)					
Location:	Metropolitan Courthouse, 1 Public Sq, Ste 106 Nashville, Tennessee 37219					
Scope of Work:	This costs exceduding	is a Public for Manag ed 5.00% o uct Manage	Assistance Subrecip ement Costs, up to f all of the Subrecip	Cost for Project #708514 ient Management Costs project which allow a fixed estimate Management Costs award. ient's eligible emergency and permanent wactivities that it tracks, charges, and accougement Costs.	The final fixed estimate cannot work subawards. The applicant will	
1 PW			PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)	
Amount Eligible	(\$)		285,835.18	0.00	285,835.18	
Federal Share (\$)		285,835.18	0.00	285,835.18		

## **Federal Award Identification Worksheet**

Subrecipient's name (must match name associated with its Unique Entity Identifier (SAM)	Metropolitan Government of Nashville and Davidson County
Subrecipient's Unique Entity Identifier (SAM)	LGZLHP6ZHM55
Federal Award Identification Number (FAIN)	FEMA-4601-DR-TN
Federal Award Date	5/8/2021
Subaward Period of Performance Start and End Date	3/25/2021 3/24/2025
Subaward Budget Period Start and End Date	3/25/2021 3/24/2025
Assistance Listing number (formerly known as the CFDA number) and Assistance Listing program title.	97.036 - Public Assistance Grants
Grant contract's begin date	3/25/2021
Grant contract's end date	3/24/2025
Amount of federal funds obligated by this grant Contract	5,452,280.12
Total amount of federal funds obligated to the subrecipient	Consolidated data not available
Total amount of the federal award to the pass- through entity (Grantor State Agency)	19,668,609.60
Federal award project description (as required to be responsive to the Federal Funding Accountability and Transparency Act (FFATA)	PA 4601
Name of federal awarding agency	Federal Emergency Management Agency
Name and contact information for the federal	Ms. Robert Samaan
awarding official	Regional Administrator FEMA Region IV
	3005 Chamblee-Tucker Road
	Atlanta, Georgia 30341
Name of pass-through entity	Department of Military, Tennessee Emergency Management Agency
Name and contact information for the pass-through	Judy Huff, Assistant Director
entity awarding official	Tennessee Emergency Management Agency
	3041 Sidco Drive
	Nashville, TN 37204
	judy.huff@tn.gov
	Telephone #: (615) 741-3883
	Fax #: N/A
Is the federal award for research and development?	No
Indirect cost rate for the federal award (See 2 C.F.R. 200.331 for information on type of indirect cost rate)	N/A