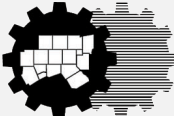




2021 INCIDENT MANAGEMENT FREEWAY BLOCKING EQUIPMENT CALL FOR PROJECTS RECOMMENDATIONS

Public Input Opportunity

Camille Fountain
December 13, 2021 – January 11, 2022



North Central Texas
Council of Governments



Background

In support of the North Central Texas Council of Governments' (NCTCOG) Traffic Incident Management (TIM) Training Program, regional funding was made available for the purchase of scene management blocking equipment (e.g., crash barriers, attenuators, etc.) to provide protection to incident responders responding to traffic crashes in the 12-county North Central Texas Metropolitan Planning Area.

The goal of the NCTCOG TIM Training Program is to initiate a common, coordinated response to traffic incidents that will build partnerships, enhance safety for emergency personnel, reduce secondary traffic crashes, improve the efficiency of the transportation system, and improve regional air quality.

An IM Blocking Equipment Pilot Project was conducted as part of the 2020 Incident Management (IM) Equipment Purchase Call for Projects.

A total of \$132,000 was awarded to the City of Grand Prairie, City of Mesquite, and Town of Flower Mound to purchase blocking equipment through the pilot project.



2021 Incident Management Freeway Blocking Equipment Call for Projects

In August 2021, the Regional Transportation Council approved \$1M in Regional Toll Revenue (RTR) funds to implement the 2021 Incident Management Freeway Blocking Equipment Call for Projects

Based on local government interest resulting from the 2020 IM Freeway Blocking Equipment Pilot Project initiative

Purpose: Assist partner agencies in purchasing scene management blocking equipment to provide protection to incident responders responding to traffic crashes

Supports: Current incident management training recommendation to use best practice equipment and technology

Emphasizes: Importance of implementing incident management strategies and training

Improves regional roadway safety for responders and drivers



Eligible Recipients and Activities

Eligible Recipients

- Public sector partner agencies within the North Central Texas Council of Governments 12-County Metropolitan Planning Area actively involved in incident management

Eligible Counties

- Collin, Dallas, Denton, Ellis, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise

Eligible Activities

- Purchase of scene management blocking equipment to provide protection to incident responders responding to traffic crashes, while reducing the need for additional fire truck emergency strobe lighting
 - Examples include: Crash attenuators, crash barriers, crash cushions, etc.

Ineligible Activities

- Personnel and Staffing Charges
- Fire Trucks/Engines
- Non-Attenuator Vehicles

*ANY project-related purchases or procurement activities completed BEFORE an Agreement between the awarded agency and TxDOT has been executed and/or a Notice to Proceed has been issued will be ineligible for payment under this Call for Projects effort.

Eligible Recipients and Activities (Cont.)

Eligible Crash Attenuator Equipment Examples

- Crash attenuator trucks
- Crash attenuator trailers
- Crash attenuator that attach 'to' another vehicle



Eligible Recipients and Activities (Cont.)



ELIGIBLE

INELIGIBLE





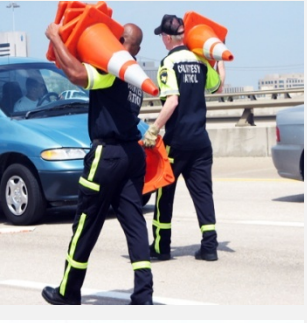
Eligible Recipients and Activities (Cont.)

Eligible Blocking Equipment Recommendations

- Blocking equipment should minimize the need for a fire apparatus on-scene *solely* for the purpose of blocking

Eligible Blocking Equipment Recommendation Benefits

- Removes the possibility of a fire apparatus being struck
- Minimizes additional lighting on-scene
 - Lighting can be distracting to motorists
 - Lighting can attract intoxicated motorists 'to' a scene vs. 'away from'
- Blocking equipment placed on 'non-fire truck' vehicles scored higher than equipment placed on fire trucks when ranking projects



Funding Availability and Submitted Projects

\$1 Million in Regional Toll Revenue Funds approved by the Regional Transportation Council

- **Twenty percent local match requirement**

Total Applications & Funding Requests Received: 16 applicants (17 projects) - \$2,596,025

Applications and funding received (East): 12 projects - **\$2,116,513**

Applications and funding received (West): 5 projects - **\$479,512**

Ineligible Projects

Ineligible projects received (East): 4 projects - \$415,520

Ineligible projects received (West): 1 project - \$200,000



Eastern Sub-Region Applications

1. City of Cedar Hill Fire – 1 Project
2. City of Coppell Fire – 1 Project
3. City of Dallas – Office of Government Affairs – 2 Projects (*1 Ineligible*)
4. City of Dallas Police – *1 Project (Ineligible)*
5. City of Denton Fire – 1 Project
6. City of Frisco Fire – 1 Project
7. City of Garland Fire – 1 Project
8. City of Irving Fire – *1 Project (Ineligible)*
9. City of Lancaster Fire – 1 Project
10. City of Rowlett Fire – 1 Project
11. City of Terrell Emergency Management – 1 Project

Ineligible Projects Submitted

- City of Dallas Government Affairs: Truck with Message Board – \$55,000
- City of Dallas Police: Truck with Arrowboard & Plow attachment – \$275,000
- City of Irving Fire: Arrowboards – \$81,886



Western Sub-Region Applications

1. City of Burleson Fire – 1 Project
2. City of Euless Police – 1 Project
3. City of Fort Worth Police – *1 Project (Ineligible)*
4. City of Grapevine Fire – 1 Project
5. City of North Richland Hills Fire – 1 Project

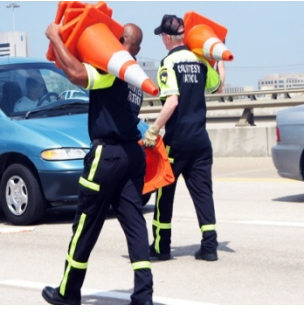
Ineligible Projects Submitted

- City of Fort Worth Police: All in one TIM Vehicle – \$200,000



Scoring Criteria

Scoring Component	Available Points
TIM Training Attendance – NCTCOG or In-house Training (Since August 2013), TIM Self-Assessment Participation	20
Crash Data in Jurisdiction (2016 - 2020)	10
Adoption of Incident Management Resolution	10
Incident Management Goals/Targets in Place	5
Adoption/Implementation of Regional Performance Measure Standard Definitions	5
Explanation of how equipment will be used to provide protection to first responders (Specify if the equipment will be mounted to vehicles other than fire apparatus) – <i>15 points for innovativeness (Non-fire truck vehicle deployment)</i>	50
Total Score	100



Scoring Methodology

Recent TIM Training Attendance (NCTCOG or In-House) – as of August 2013

0 Points – No TIM Training

10 Points – Police or Fire Participation

15 Points – Police AND Fire Participations

5 Points – TIM Self-Assessment Participation



Crash Data in Jurisdiction

5 Points – Crash Rate Below Regional Rate

10 Points – Crash Rate Above Regional Rate



Adoption of Incident Management Resolution

0 Points – Not Adopted

10 Points – Adopted





Scoring Methodology (Cont.)

Adoption/Implementation of Regional Performance Measure Standard Definitions – *Reminder: Points Allocated for Responding to Response/Clearance Information Requests*

0 Points – Have not adopted/implemented Regional Performance Measure Standard Definitions

5 Points – Have adopted/implemented Regional Performance Measure Standard Definitions

Incident Management Goals/Target in Place

0 Points – No goals/targets

2.5 Points – Goals/targets without measurements

5 Points – Goals/targets with measurements

Equipment Description and Explanation

15 Points – Detailed/clear project description with pictures and specifications

20 Points – FIM Best Practice

15 Points – Innovativeness



Project Rankings

Projects Recommended for Funding

Minimum Project Score Considered for Project Funding is 70.

	City/Agency Name	Total Project Cost	Approved Project Cost (80%)	Equipment Requested	Quantity Requested	Project Score
PROJECTS RECOMMENDED FOR FUNDING - SCORE '70' OR ABOVE						
1	City of Frisco Fire (East)	\$153,580	\$122,864	Crash Attenuator Truck	1	94
2	City of Coppell Fire (East)	\$112,334	\$89,867	Highway Safety Attenuator/Arrowboard Combo	1	93
3	City of Dallas (Government Affairs) (East)	\$375,000	\$300,000	Scorpion/Truck Combo	3	92
4	City of Terrell Emergency Management (East)	\$127,295	\$101,836	Truck Mounted Attenuator (all-in-one)	1	88
5	City of North Richland Hills Fire (West)	\$136,441	\$109,153	Truck Mounted Attenuator (all-in-one)	1	87
6	City of Lancaster Fire (East)	\$112,217	\$89,774	Attenuator Truck	1	86
7	City of Euless Police (West)	\$57,814	\$46,251	Truck Mounted Crash Attenuator	1	80
8	City of Denton Fire (East)	\$200,000	\$160,000	Public Safety Blocker Unit (Truck/Attenuator)	1	73
9	City of Garland Fire (East)	\$450,000	\$360,000	Scorpion Attenuator	3	71
10	City of Grapevine Fire (West)	\$40,292	\$32,234	Scorpion II Model C	1	71
	Total	\$1,764,973	\$1,411,979			

Projects not recommended for funding - received a project score below 70

- City of Cedar Hill Fire: Scorpion II, TL-3 Towable Attenuator - \$60,000
- City of Burleson Fire: Scorpion II Model C, TL-3 Truck Mounted Attenuator - \$44,965
- City of Rowlett Fire: Scorpion II, TL-3 Attenuator - \$110,567



2021 IM Freeway Blocking Equipment CFP Recommendations

Staff recommends increasing available funding amount from \$1 million to \$1,411,979 in Regional Toll Revenue Funds

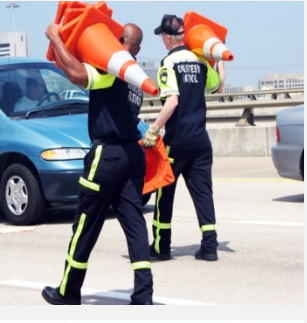
Total recommended funding (80% total):	\$1,411,979
• Funding recommended (East):	\$1,224,341
• Funding recommended (West):	\$ 187,638

Based on funding inquiries received after the CFP closed, staff may consider issuing a new Call For Projects in the future.

Schedule

Date	Action
July 23, 2021	Regional Safety Advisory Committee (Info) – IM Freeway Blocking Equipment CFP Notice
August 12, 2021	RTC (Action) – Request RTR Funds to Conduct CFP
August 27, 2021	STTC (Action) – Endorsement of RTC Action
September 3, 2021	Open Call for Projects (60 days)
September 13, 2021	IM Blocking Equipment CFP Forum
November 1, 2021	Close Call for Projects
Nov. 2 – Nov. 16, 2021	Evaluate Submitted Proposals
December 3, 2021	STTC (Action) – Approval of Selected Projects
December 13, 2021	Public Comment Period Begins
January 13, 2022	RTC (Action) – Approval of Selected Projects
January 28, 2022	TIP Mods Due
Late June/Early July 2022	Federal/State STIP Approval
July 2022	TTC Approval
Fall/Winter 2022	Agencies Execute Agreement with TxDOT
30 Days after executed agreement and/or 30 Days prior to FY noted in agreement	TxDOT Sends RTR Funding to City/Implementing Agency
Winter 2022	Agencies Purchase Blocking Equipment





Requested Action

Recommend RTC Approval to:

Approve allocation of an additional \$411,979 in Regional Toll Revenue funding for a total of \$1,411,979 to fund the Incident Management Freeway Blocking Equipment Call for Projects

Approve the Project Recommendations for the 2021 Incident Management Freeway Blocking Equipment Call for Projects



Contact Information

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