2021 INCIDENT MANAGEMENT
FREEWAY BLOCKING EQUIPMENT
CALL FOR PROJECTS
RECOMMENDATIONS

Public Input Opportunity

Camille Fountain
December 13, 2021 – January 11, 2022
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.
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 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
$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
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

<table>
<thead>
<tr>
<th>Scoring Component</th>
<th>Available Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIM Training Attendance – NCTCOG or In-house Training (Since August 2013), TIM Self-Assessment Participation</td>
<td>20</td>
</tr>
<tr>
<td>Crash Data in Jurisdiction (2016 - 2020)</td>
<td>10</td>
</tr>
<tr>
<td>Adoption of Incident Management Resolution</td>
<td>10</td>
</tr>
<tr>
<td>Incident Management Goals/Targets in Place</td>
<td>5</td>
</tr>
<tr>
<td>Adoption/Implementation of Regional Performance Measure Standard Definitions</td>
<td>5</td>
</tr>
<tr>
<td>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) – 15 points for innovativeness (Non-fire truck vehicle deployment)</td>
<td>50</td>
</tr>
<tr>
<td><strong>Total Score</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>
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
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
Minimum Project Score Considered for Project Funding is 70.

<table>
<thead>
<tr>
<th>City/Agency Name</th>
<th>Total Project Cost</th>
<th>Approved Project Cost (80%)</th>
<th>Equipment Requested</th>
<th>Quantity Requested</th>
<th>Project Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Frisco Fire (East)</td>
<td>$153,580</td>
<td>$122,864</td>
<td>Crash Attenuator Truck</td>
<td>1</td>
<td>94</td>
</tr>
<tr>
<td>City of Coppell Fire (East)</td>
<td>$112,334</td>
<td>$89,867</td>
<td>Highway Safety Attenuator/Arrowboard Combo</td>
<td>1</td>
<td>93</td>
</tr>
<tr>
<td>City of Dallas (Government Affairs) (East)</td>
<td>$375,000</td>
<td>$300,000</td>
<td>Scorpion/Truck Combo</td>
<td>3</td>
<td>92</td>
</tr>
<tr>
<td>City of Terrell Emergency Management (East)</td>
<td>$127,295</td>
<td>$101,836</td>
<td>Truck Mounted Attenuator (all-in-one)</td>
<td>1</td>
<td>88</td>
</tr>
<tr>
<td>City of North Richland Hills Fire (West)</td>
<td>$136,441</td>
<td>$109,153</td>
<td>Truck Mounted Attenuator (all-in-one)</td>
<td>1</td>
<td>87</td>
</tr>
<tr>
<td>City of Lancaster Fire (East)</td>
<td>$112,217</td>
<td>$89,774</td>
<td>Attenuator Truck</td>
<td>1</td>
<td>86</td>
</tr>
<tr>
<td>City of Euless Police (West)</td>
<td>$57,814</td>
<td>$46,251</td>
<td>Truck Mounted Crash Attenuator</td>
<td>1</td>
<td>80</td>
</tr>
<tr>
<td>City of Denton Fire (East)</td>
<td>$200,000</td>
<td>$160,000</td>
<td>Public Safety Blocker Unit (Truck/Attenuator)</td>
<td>1</td>
<td>73</td>
</tr>
<tr>
<td>City of Garland Fire (East)</td>
<td>$450,000</td>
<td>$360,000</td>
<td>Scorpion Attenuator</td>
<td>3</td>
<td>71</td>
</tr>
<tr>
<td>City of Grapevine Fire (West)</td>
<td>$40,292</td>
<td>$32,234</td>
<td>Scorpion II Model C</td>
<td>1</td>
<td>71</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,764,973</strong></td>
<td><strong>$1,411,979</strong></td>
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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.
<table>
<thead>
<tr>
<th>Date</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 23, 2021</td>
<td>Regional Safety Advisory Committee (Info) – IM Freeway Blocking Equipment CFP Notice</td>
</tr>
<tr>
<td>August 12, 2021</td>
<td>RTC (Action) – Request RTR Funds to Conduct CFP</td>
</tr>
<tr>
<td>August 27, 2021</td>
<td>STTC (Action) – Endorsement of RTC Action</td>
</tr>
<tr>
<td>September 3, 2021</td>
<td>Open Call for Projects (60 days)</td>
</tr>
<tr>
<td>September 13, 2021</td>
<td>IM Blocking Equipment CFP Forum</td>
</tr>
<tr>
<td>November 1, 2021</td>
<td>Close Call for Projects</td>
</tr>
<tr>
<td>Nov. 2 – Nov. 16, 2021</td>
<td>Evaluate Submitted Proposals</td>
</tr>
<tr>
<td><strong>December 3, 2021</strong></td>
<td>STTC (Action) – Approval of Selected Projects</td>
</tr>
<tr>
<td>December 13, 2021</td>
<td>Public Comment Period Begins</td>
</tr>
<tr>
<td>January 13, 2022</td>
<td>RTC (Action) – Approval of Selected Projects</td>
</tr>
<tr>
<td>January 28, 2022</td>
<td>TIP Mods Due</td>
</tr>
<tr>
<td>Late June/Early July 2022</td>
<td>Federal/State STIP Approval</td>
</tr>
<tr>
<td>July 2022</td>
<td>TTC Approval</td>
</tr>
<tr>
<td>Fall/Winter 2022</td>
<td>Agencies Execute Agreement with TxDOT</td>
</tr>
<tr>
<td>30 Days after executed agreement and/or 30 Days prior to FY noted in agreement</td>
<td>TxDOT Sends RTR Funding to City/Implementing Agency</td>
</tr>
<tr>
<td>Winter 2022</td>
<td>Agencies Purchase Blocking Equipment</td>
</tr>
</tbody>
</table>
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

https://www.nctcog.org/fimcfp

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