

## Emergency Support Function # 1 – Transportation Annex

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### Primary Agencies:

Cities' Public Works / Departments of Transportation  
King County Department of Transportation (KCDOT)  
Washington State Department of Transportation (WSDOT)  
Port of Seattle (Airport & Seaport)  
Sound Transit

### Support Agencies:

Law Enforcement Agencies in King County  
Washington State Patrol  
King County School Districts  
Municipal and Private Airports  
Public Transit Authorities  
Private Rail Carriers  
Private Transportation Services  
Cities & County Parks & Recreation Agencies  
Private Businesses with Employee Transportation Programs  
Federal Transportation Agencies

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## Introduction

### Purpose

The purpose of this Emergency Support Function (ESF) is to provide organization, mobilization and coordination of transportation services and resources during and following an emergency or disaster in the King County region.

### Scope

The provision of transportation support involves roads, bridges, transit, rail, ferry system, waterways, airports and seaports. Activities within the scope include:

- Coordinating transportation activities and resources during the response phase immediately following an emergency or disaster.
- Facilitating damage assessments to establish priorities and determine needs of available transportation resources.

- Coordinating restoration and temporary repair of critical transportation facilities and systems including transit, roads, the ferry system, bridges, rail, and airport and seaport operations, during the recovery phase from an emergency or disaster.
- Coordination between local, state, and federal agencies, cities, special purpose jurisdictions, tribes and private partners.

## **Policies**

Participants of the Regional Disaster Plan will assist in the coordination of regional transportation response activities for emergencies and disasters that affect the King County region. All participating organizations will use, to the greatest extent possible, day-to-day policies to facilitate the integrity of transportation except when the situation requires exceptional policy changes or modifications.

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## **Situation**

### **Emergency/Disaster Conditions and Hazards**

The King County region will periodically experience emergency and disaster situations, which may damage transportation infrastructure and disrupt communications inhibiting restoration of essential public services. Roadways, bridges, tunnels, railways, airports, seaports, and other transportation facilities and structures may be weakened or destroyed, necessitating repair, reinforcement, or demolition to ensure safe operations. Personnel, equipment, and supply resources may be insufficient to meet demands. Additionally, equipment in the immediate event area may be inaccessible or damaged.

### **Planning Assumptions**

The local and regional transportation infrastructure will sustain damage. Disaster response and recovery activities, which require use of the transportation infrastructures, may be difficult to coordinate.

Access to the event area will be dependent upon the re-establishment of ground, air, rail and water routes. Gradual clearing of access routes will permit a sustained flow of emergency relief efforts.

Rapid assessment of the event area must be made to determine critical response priorities and transportation demands. Significant numbers of personnel with engineering and construction skills and construction equipment may not be available within the affected area.

The immediate use of the transportation system for response and recovery activities may exceed the capabilities of the King County region, thus requiring assistance from the State and Federal governments to supplement efforts.

Each participating signatory partner is responsible for the inspection, repair and operation of its own infrastructure or to those agencies with contractual agreements to maintain infrastructure.

Signatory partners will prioritize and perform tasks under their own authorities as applicable in a coordinated manner with other planning entities of the Regional Disaster Plan for Public and Private Organizations in King County, and the State of Washington.

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## Concept of Operations

### General

- In accordance with the *Regional Disaster Plan for Public and Private Organizations in King County, Washington* and this ESF, the primary and support agencies are responsible for coordinating the transportation response and providing recovery support and services to assist in the King County region's transportation system integrity.
- Requests for transportation assistance shall be received and prioritized by local jurisdictions, coordinating through their respective zone, and forwarded to the King County ECC for essential coordination and then sent to the respective transportation agency EOC to determine asset and resource availability between and among the various jurisdictions and agencies.
- When transportation requests exceed the capabilities of the jurisdictions, agencies, and the County, the regional partners, through the King County ECC may coordinate transportation activities with the Washington State Emergency Management Division.
- During large regional events, the King County ECC will serve as the central location where various transportation representatives will assemble to assist in prioritizing and collaborative coordination prior to requests being forwarded to the respective agencies.
- The collaborative website <http://www.govlink.org> (joint effort between Washington State Department of Transportation and King County) will be used to provide ongoing transportation information and updates to the general public. The Regional Public Information Network (RPIN) website at

<http://www.rpin.org/rpinweb/> is an additional resource that provides transportation and road condition updates for King County.

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## **Organization**

Activation of this Plan may be for an intense localized event or a widespread regional or catastrophic event. Because a wide range of emergencies may require the implementation of this Plan, the lead organization during those activations may shift depending on the incident, and the coordination will undoubtedly require a collaborative lead involving “unified command.” The coordination of this ESF will rely heavily on the partnerships and collaborative efforts of all the primary and support agencies involved in this ESF. There will also be situations whereby federal agency influence will play a key role (i.e., terrorism event).

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## **Procedures**

Procedures for transportation services are identified in:

- Internal procedures for each city, tribe, agency and organization;
- ESF-1, King County Emergency Management Plan (KCEMP);
- ESF-1, Washington State Comprehensive Emergency Management Plan.

Procedures for signatory partners and other organizations are outlined in individual disaster plans. Additional regional procedures are further identified in the Responsibilities section of this document.

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## **Mitigation/Preparedness/Response/Recovery Actions:**

All signatory partners should ensure to the best of their ability that their personnel and equipment are protected from the effects of disasters, and that appropriate emergency procedures and operating plans address and comply with local, state and federal response and recovery guidelines.

Our ability to respond in a timely and coordinated manner to a regional emergency will require advance planning, mutual training, and reinforced communications among signatory partners.

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## Responsibilities

### Primary Agencies shall:

- Provide an assessment of damages and operational status of transportation facilities and structures using the zone coordination centers as noted in the Basic Plan which will convey the information to the King County ECC.
- Assist in making temporary emergency repairs, bypasses or alterations to provisionally restore transportation lifelines, facilities and structures.
- Pre-determine and manage access to critical lifeline routes and communicate status to the respective Zone Coordination Centers and then on to the King County ECC.
- Coordinate with local transit agencies regarding lifeline routes and maintaining those routes by conducting debris clearing.
- Assist other first responders (fire, police, emergency medical services, public works) with barricades and contributing other traffic related supplies and expertise.
- Assist the Joint Information Center (JIC) by providing transportation system status.
- Return activities to normal levels as soon as possible following the emergency or disaster, unless involved with recovery activities.
- Develop a disaster recovery plan that addresses the long-term restoration and continuity of transportation services and facilities following an emergency or disaster.

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**Primary Agencies are responsible for ensuring that transportation functions and operations are protected and reconstituted as soon as possible following a disaster. Specific responsibilities are detailed below:**

| Agency  | Functions   |
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| <b>Cities' Public Works / Departments of Transportation</b> | <ul style="list-style-type: none"> <li>• Coordinate with neighboring jurisdictions in support of this ESF (i.e., reroutes, lifelines, restoration, etc.)</li> <li>• Determine the usable portion of the city's transportation system and coordinate and control emergency traffic regulations in conjunction with appropriate law enforcement agencies.</li> <li>• Communicate transportation status and needs to their own jurisdictional EOC, which will in turn communicate on to their appropriate zone coordination point (Zone 1, 3, 5).</li> </ul> |
| <b>King County Department of Transportation (KCDOT)</b>     | <ul style="list-style-type: none"> <li>• Coordinate public information and provide public information officer(s) and support personnel to the JIC, as required.</li> <li>• Operate a Transit emergency operation center to coordinate all transit emergency services and the rapid restoration of normal transit services.</li> </ul>   |

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|   | <ul style="list-style-type: none"> <li>• Provide Transit, Roads, and King County Airport representatives to the King County Emergency Coordination Center (ECC). These representatives will coordinate KC DOT's emergency response and disseminate transit, roads, bridges, and King County Airport information for all public transportation services in King County.</li> <li>• Assist other agencies with debris clearing as needed.</li> <li>• Through Fleet Administration, provide vehicles, equipment, materials, supplies, and onsite vehicle repair necessary for the function of King County government and, as resources allow, for other affected jurisdictions and zones during an emergency.</li> </ul>  |
| <p><b>Washington State Department of Transportation (WSDOT)</b></p> | <ul style="list-style-type: none"> <li>• Perform all duties necessary to protect state highways.</li> <li>• Remove or take actions to reduce any hazards on the highways that tend to endanger the traveling public.</li> <li>• Close or restrict any portion of a state highway whenever the condition of any state highway is such that for any reason its unrestricted use or continued use will greatly damage that state highway.</li> <li>• Reconstruct, repair, and maintain state highways, bridges, and alternate routes. WSDOT is authorized to perform maintenance and construction work off the state highway right-of-way in close proximity to the highway to protect the facility and the traveling public. (RCW 47.32.130)</li> <li>• Mobilize personnel and equipment required for emergency engineering services on state highways.</li> <li>• Assist the Washington State Patrol by providing vehicle traffic control wherever possible or practical; providing access control; providing assistance in rerouting vehicle traffic around or away from the affected area; providing equipment and materials; and investigating injury reports and equipment loss.</li> <li>• Provide assistance for hazardous materials incidents.</li> <li>• Perform damage assessment, determine the usable portions of the state highway network, and provide cost estimates for state highway facilities.</li> <li>• Provide communication for emergency response operations.</li> <li>• Provide information on emergency response activities to the media and public, as well as participating with both State EOC and King County ECC Joint Information Centers (JIC).</li> <li>• Provide ground transportation for state personnel.</li> <li>• Provide emergency transportation services as needed with WSDOT Ferries resources.</li> </ul> |

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| <b>Port of Seattle</b> | <ul style="list-style-type: none"> <li>• Implement Sea-Tac Airport Emergency Plans to ensure that Sea-Tac Airport remains a regional air transportation hub.</li> <li>• Implement Seaport Emergency Operations Plan to ensure the seaport remains a regional water-borne cargo hub.</li> <li>• Coordinate service delivery as requested and as resources allow in the affected jurisdictions and zones.</li> <li>• Communicate with appropriate representatives at the zone coordination centers to facilitate service delivery as appropriate.</li> </ul> |
| <b>Sound Transit</b>   | <ul style="list-style-type: none"> <li>• Implement Sound Transit Emergency Plans to ensure that Regional Express Bus and Sounder commuter rail remain in service.</li> <li>• Coordinate service delivery as requested and as resources allow in the affected jurisdictions and zones.</li> <li>• Send appropriate representatives to the zone coordination centers to facilitate service delivery as appropriate.</li> </ul>   |

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**Support Agencies**

**All Support Agencies shall provide support to primary agencies in order to rapidly reconstitute the transportation functions and operations in the King County region. Specific types of support are detailed below:**

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| <b>Law Enforcement Agencies in King County</b> | <ul style="list-style-type: none"> <li>• Assist in emergency traffic controls.</li> <li>• Provide law enforcement resources to assist with special emergency or disaster requirements.</li> <li>• Provide air and marine assets to support response and recovery efforts following a disaster or emergency.</li> <li>• Assist with maintaining traffic flow and enforcing transportation usage priorities.</li> </ul>  |
| <b>Washington State Patrol</b>                 | <ul style="list-style-type: none"> <li>• Assist in emergency traffic controls.</li> <li>• Provide law enforcement resources to assist with special emergency or disaster requirements.</li> <li>• Provide air and marine assets to support response and recovery efforts following an emergency or disaster.</li> <li>• Assist with maintaining traffic flow and enforcing transportation usage priorities.</li> </ul> |
| <b>King County Public School Districts</b>     | <ul style="list-style-type: none"> <li>• Provide support by coordinating school buses to assist in the movement of people in accordance with the jurisdiction’s school response system.</li> </ul>   |

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| <p><b>Municipal and Private Airports</b></p>                           | <ul style="list-style-type: none"> <li>• Conduct temporary repairs to provisionally restore airport operations.</li> <li>• Ensure priority air flights continue to operate, subject to safety procedures.</li> <li>• Provide as needed, airport facilities and space for an emergency or disaster staging area.</li> </ul>  |
| <p><b>Public Transit Authorities</b></p>                               | <ul style="list-style-type: none"> <li>• Coordinate and provide emergency bus transportation support and services with other public and private transportation providers and jurisdictions for the movement of people, equipment, and supplies in King County and other jurisdictions.</li> <li>• Provide a detailed assessment of damages and the operational status of bus bases, transit facilities and equipment.</li> <li>• Make temporary emergency repairs or alterations to provisionally restore bus bases, transit facilities and equipment.</li> <li>• Provide resources for the temporary and permanent repair and restoration of bus bases, transit facilities and equipment.</li> <li>• Provide personnel, communication assistance, buses, non-revenue vehicles and equipment to assist King County with emergency operations in the response and recovery phases of a disaster.</li> <li>• Coordinate public information and provide public information officer(s) and support personnel to the JIC, as required.</li> <li>• Return transit services to normal levels as soon as possible following the emergency or disaster.</li> </ul> |
| <p><b>Private Rail Carriers</b></p>                                    | <ul style="list-style-type: none"> <li>• Provide support through available resources for transportation related missions in the King County region.</li> </ul>  |
| <p><b>Private Transportation Services</b></p>                          | <ul style="list-style-type: none"> <li>• Coordinate the use of available equipment and personnel resources to assist, as requested, with emergency or disaster requirements.</li> </ul>   |
| <p><b>Cities' &amp; County Parks &amp; Recreation Agencies</b></p>     | <ul style="list-style-type: none"> <li>• Support this ESF by providing available resources in accordance with the jurisdiction's emergency response system.</li> </ul>  |
| <p><b>Private Businesses with Employee Transportation Programs</b></p> | <ul style="list-style-type: none"> <li>• Support this ESF through available resources.</li> </ul>   |

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| <b>Federal Transportation Agencies</b> | <ul style="list-style-type: none"><li>• Provide air and surface related support during an emergency or disaster.</li></ul> |
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## Resource Requirements

As stated.

## References

### Individual Agency & Organizational Plans

#### King County Government

*King County Emergency Management Plan (KCEMP)*, September 2006.

*King County Hazards Identification and Vulnerability Analysis (HIVA)*, November 2005

### Washington State Comprehensive Emergency Management Plan, March 2003