

## ESF-1 Transportation

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| <b>ESF Coordinator</b>     | Snohomish County Public Works   |
| <b>Primary Agencies</b>    | Snohomish County Public Works – Roads<br>Municipal / Township Public Works – Roads  |
| <b>Supporting Agencies</b> | Snohomish County Sheriffs Office (SCSO)<br>Municipal / Township / Tribal Law Enforcement Agencies<br>Snohomish County Department of Emergency Management<br>Emergency Services Coordinating Agency (ESCA)<br>Municipal Emergency Management Offices<br>Snohomish County School Districts<br>Public Transit Authorities (Sound, Community, and Everett)<br>Rail Transportation Agencies (AMTRAK, BNSF)<br>Municipal, Public, and Private Airports / Airfields<br>Port of Everett |

Federal and State primary and supporting agency responsibilities for this ESF are outlined in the National Planning Frameworks (Federal) and Washington State Comprehensive Emergency Management Plan.

### I. INTRODUCTION

Snohomish County has a diverse transportation network that includes land, air, and sea based elements.

- Interstate 5 (I-5) and State Route 9 (SR-2) north-south, and US Highway 2 (US-2) east-west, are the major roads that cross the county. Other major routes include State Routes 92, 96, 99, 104, 203, 204, 522, 524, 525, 526, 527, 528, 529, 530, 531, 532, and Interstate 405.
- Paine Field supports manufacturing/maintenance service for large commercial aircraft, general aviation service, and serves as an alternate emergency landing facility for regional airports. Other airports include Arlington and Darrington Municipal airports, and Harvey, Firstair, and Sky Harbor airfields.
- The Port of Everett operates a deep-water eight berth seaport handling break bulk and containerized cargo.
- Washington State Ferry system operates passenger/vehicle ferry service from the cities of Edmonds and Mukilteo.

## Purpose

The purpose of ESF-1 Transportation is to provide organization, mobilization and coordination of transportation services and infrastructure restoration during and following a disaster in the Snohomish County.

## Scope

The provision of transportation support involves roads, bridges, transit, rail, airports, and seaports. Activities within the scope include but are not limited to the coordination between local, county, state, and federal agencies, special purpose jurisdictions, and other partners to:

- Monitor, assess, and report the status of and damage to the transportation systems and infrastructures as a result of the incident or event.
- Identify temporary alternative transportation solutions when systems or infrastructure are damaged, unavailable, or overwhelmed.
- Coordinate the restoration and recovery of the transportation systems and infrastructure.
- Coordinate transportation support request between agencies and jurisdictions.
- Coordinate and support prevention, preparedness, response, recovery, and mitigation activities among transportation stakeholders within the authorities and resource limitations of ESF-1 agencies.

## II. POLICIES

All ESF-1 Transportation Primary and Supporting Agencies will:

- Utilize, to the greatest extent possible, day-to-day policies to facilitate the integrity of transportation systems and infrastructure; except when the situation requires exceptional policy changes or modifications.
- Provide services to the infrastructure and facilities under their respective jurisdiction.
- Support the coordination and information collection of transportation damage assessments.
- Responsible for the inspection, repair and operation of its own infrastructure or to those agencies with contractual agreements to maintain infrastructure.
- Ensure that a continuity of operations plan is in place to maintain essential services.

Property owners and associations with private roads and/or infrastructure are responsible for:

- Construction, maintenance, and repair of infrastructure under their respective ownership.
- Meeting any associated regulations related to such.

### III. SITUATION

#### Emergency/Disaster Conditions and Hazards

Refer to the Snohomish County Natural Hazard Mitigation Plan (published separately) for the natural and manmade events that may affect Snohomish County.

- Snohomish County will periodically experience emergency and disaster situations, which will damage transportation infrastructure and disrupt communications that will inhibit mobility 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. The type and degree of damage will determine the effectiveness of response and recovery efforts.

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 and restoration of mobility corridors.

Rapid assessment of the event area will be made to determine critical response time and potential workload. 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 Snohomish County, thus requiring assistance from the State and Federal governments to supplement efforts.

Each jurisdiction and agency is responsible for the inspection, status reporting, repair and operation of its own facilities or to those agencies with contractual agreements to maintain facilities.

### IV. CONCEPT OF OPERATIONS

#### General

Primary and support agencies are responsible for coordinating the transportation response and providing recovery support and services to assist in sustaining and repairing the Snohomish County region's transportation system integrity.

Damage assessments for transportation systems and infrastructure will be performed as soon as possible and reported to the Snohomish County EOC (or appropriate municipal / township EOC).

Requests for transportation assistance shall be received and prioritized by local jurisdictions, and forwarded to the Snohomish County EOC for essential coordination between and among the various jurisdictions and agencies.

Additional transportation resources may be obtained from County / Municipal departments, private sector, volunteer organizations, and other local jurisdictions. Some of these resources may have cost associated with its use.

When transportation requests exceed the capability of the jurisdictions and agencies, Snohomish County EOC will coordinate transportation activities with the Washington State Emergency Management Division.

During large, regional events the Snohomish County EOC will serve as the central location where various transportation representatives will assemble to assist in prioritizing and coordinating transportation response and recovery efforts.

Identification of road closure rerouting and evacuation routes will be a coordinated effort among all affected / responsible agencies.

Community and Everett Transit resources may be used in mass evacuation operations.

Paine Field is the primary airfield for large aircraft transportation resources.

Marine assets with transport capacities, such as the United States Navy, Coast Guard, State Ferries, and private sector may be used to transport people and materials when necessary. The Port of Everett facilities may be used to transfer cargo as needed.

## 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).

All emergency operations whether they occur on-site, at the jurisdiction, or the EOC will follow the principles identified in NIMS.

## Procedures

Events that are not major will be handled by the agencies or departments affected. If the event is of a nature that disrupts transportation throughout Snohomish County, assessment and operations will be performed cooperatively from the Emergency Operations Center.

## Mitigation Activities

- Assess the communications capabilities of the various transportation vehicles and determine if additional communications and assets are needed.
- Identify current procedures for the activation of transportation assets to include alternate (contract) transportation services and volunteer services.
- Review the current level of training of personnel and identify additional or refresher training required
- Review and evaluate current Memorandums of Understanding to determine if revisions or additional memorandums are required.
- Identify sources of hazard specific needs, resources, and equipment.
- Review & update internal plans and ESF as necessary.
- Identify and promote mitigation measures to reduce or eliminate potential disasters in the future, documenting any future mitigation opportunities.

## Preparedness Activities

- Review & revise Emergency Action Plans regularly.
- Update equipment and resource listings on a regular basis. Distribute these lists appropriately.
- Attend scheduled tabletop exercises and all other training events regularly.
- Review and analyze past and current disasters and identify common trends in other cities and states for their impacts on local government and the respective responses of municipalities.
- Develop coordination processes that accelerate or enhance post disaster information status, and information dissemination.

## Response Activities

- Notify personnel, mutual-aid partners, vendors.
- Establish & maintain contact with the Incident Commander & EOC for instructions.
- Determine operational capacity of streets, roads & bridges.
- Begin clear documentation stream of all related costs, actions, decisions and communications.
- Establish refuel & maintenance schedules.
- Receive & complete mission assignments appropriately.
- Contact logistics for needs related to 24-hour operations.

- Schedule personnel in shift; provide meals & necessary rest periods.
- Consider staging & re-entry issues.

## Recovery Activities

- Return equipment & personnel to regular schedules.
- Encourage interested personnel to attend CISD sessions.
- Assemble & index all incident documentation.
- Survey all vehicles for damages related to incident.
- Solicit performance feedback from response constituents.
- Attend scheduled kickoff meeting for Public Assistance.
- Meet with designated state & federal emergency management officials for the applicants briefing.
- Complete required Public Assistance (PA) applications; maintain detailed records for audit purposes.

## V. RESPONSIBILITIES

### General

All primary and supporting ESF agencies must have established disaster related policies, systems, and procedures for:

- Personnel accountability, safety, lines of authority and succession
- Providing logistical support to their personnel and equipment
- Facility / infrastructure damage assessment and reporting
- Continuity of operations to maintain essential services
- Facility / infrastructure repair and restoration

Provide an assessment of damages and operational status of transportation facilities and structures to the Snohomish County EOC.

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 Snohomish County EOC.

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 contribute other traffic related supplies and expertise.

Assist the Joint Information Center (JIC) when activated 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.

## Primary

### **Snohomish County Public Works – Roads:**

- Provide liaison to the EOC to coordinate emergency response and recovery activities.
- Coordinate with neighboring jurisdictions in support of this ESF (i.e., reroutes, lifelines, restoration, etc.).
- Determine usable portions of the county's transportation system and coordinate and control emergency traffic regulations in conjunction with appropriate law enforcement agencies.
- Report operational status and resource requirements to Snohomish County EOC.
- Provide vehicles, equipment, materials, supplies and on-site vehicle repair necessary for the function of Snohomish County government and, as resources allow, for other affected jurisdictions during an emergency or disaster.
- Coordinate public information and provide public information officer(s) and support personnel to the JIC when activated.

## Supporting

### **Snohomish County Department of Emergency Management:**

- Activate the Snohomish County EOC and JIC in support of emergency operations as appropriate.
- Identify and prioritize transportation needs. Coordinate the mobilization of emergency transportation vehicles.
- Coordinate the assessment of damages to the transportation infrastructure. Collect, analyze, evaluate and compile assessment information.
- Coordinate emergency transportation assignments of county owned vehicles when indicated and as resources allow.
- Develop agreements or contracts with transportation resources.

### **Washington State Emergency Operations Center (SEOC):**

- Coordinate transportation resources as requested by the Snohomish County EOC.

- Collect and compile damage assessments for transportation infrastructure as provided by the Snohomish County EOC.

**Washington State Department of Transportation (WSDOT):**

- Perform all duties necessary to protect state highways.
- Remove or take actions to reduce any hazards on the highways that tend to endanger the traveling public.
- 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, or put life and/or property in harms way.
- Provide for reconstruction, 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)
- Mobilize personnel and equipment required for emergency engineering services on state highways.
- 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.
- Provide assistance for hazardous materials incidents.
- Perform damage assessment, determine the usable portions of the state highway network, and provide cost estimates for state highway facilities.
- Provide communication for emergency response operations.
- Provide information on emergency response activities to the media and public.
- Provide ground transportation for state personnel.
- Provide emergency transportation services, as needed with WSDOT Ferries resources.

**Municipal Public Works / Departments of Transportation:**

- Coordinate with neighboring jurisdictions in support of this ESF (i.e., detours, reroutes, lifelines, restoration, etc.)
- Determine the usable portion of the city's transportation system and coordinate and control emergency traffic regulations in conjunction with appropriate law enforcement agencies.
- Communicate transportation status and needs to own jurisdictional EOC, which will in turn communicate to Snohomish County DEM EOC.

**Washington State Patrol (WSP):**

- Assist in emergency traffic controls.
- Provide law enforcement resources to assist with special emergency or disaster requirements.

- Provide air, ground, and marine assets to support response and recovery efforts following a disaster or emergency.
- Assist with maintaining traffic flow and enforcing transportation usage priorities.

#### **Law Enforcement Agencies in Snohomish County:**

- Assist in emergency traffic controls.
- Provide law enforcement resources to assist with special emergency or disaster requirements.
- Provide air, ground, and marine assets to support response and recovery efforts following a disaster or emergency.
- Assist with maintaining traffic flow and enforcing transportation usage priorities.

#### **Port of Everett:**

- Provide an assessment of damages and operational status of transportation facilities and structures to the Snohomish County EOC.
- Ensure the seaport remains a regional water-borne cargo hub.
- Coordinate service delivery as requested and as resources allow in the affected jurisdictions.
- Communicate transportation status and needs to own jurisdictional EOC, which will in turn communicate to Snohomish County EOC.

#### **Public Transit Authorities:**

- 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 Snohomish County and other jurisdictions.
- Provide a detailed assessment of damages and the operational status of bus bases, transit facilities and equipment.
- Make temporary emergency repairs or alterations to provisionally restore bus bases, transit facilities and equipment.
- Provide resources for the temporary and permanent repair and restoration of bus bases, transit facilities and equipment.
- Provide personnel, communication assistance, buses, non-revenue vehicles and equipment to assist Snohomish County with emergency operations, in the response and recovery phases of a disaster.
- Coordinate public information and provide public information officer(s) and support personnel to the JIC, as required.
- Return transit services to normal levels as soon as possible following the emergency or disaster.

#### **Snohomish County Public School Districts:**

- Provide support by coordinating school buses to assist in the movement of people.

**Municipal and Private Airports:**

- Conduct temporary repairs to provisionally restore airport operations.
- Ensure priority air flights continue to operate, subject to safety procedures.
- Provide, as needed, airport facilities and space for disaster staging areas.

**Private Rail Carriers:**

- Provide support through available resources for transportation related missions in the Snohomish County region.

**Private Transportation Services:**

- Coordinate the use of available equipment and personnel resources to assist, as requested, with emergency or disaster requirements.

**Private Businesses with Employee Transportation Programs:**

- Support this ESF through available resources as requested.

**Federal Transportation Agencies:**

- Provide air and surface related support during an emergency or disaster.

**Naval Station Everett:**

- Provide air and surface related support during an emergency or disaster as activated under Military Support to Civilian Authorities.

**United States Coast Guard:**

- Provide air and surface related support during an emergency or disaster.

**VI. REFERENCES**

Snohomish County Public Works Roads Maintenance, Flood Plan  
Snohomish County Public Works Roads Maintenance, Snow and Ice Plan

**VII. TABS**