

Appendix 3

**Guilford County Transportation
&
Mobility Service's
HAZARD AND THREAT ASSESSMENTS**

Accident and Incident Assessment

Threat/Hazard	A. Likelihood 1 = improbable 10 = certain	B. Impact on Service Delivery 1 = minor 10 = catastrophic	C. Financial Impact 1 = negotiable 10 = catastrophic	Vulnerability Index (A+B+C)
<i>Accidents & Incidents</i>				
Minor Vehicle Collision	2	5	5	12
Major Collision no injuries	2	5	5	12
Major Collision injury/injuries	2	5	5	12
Major Collision fatality	1	1	10	12
Passenger Injury before boarding/ after alighting	2	2	1	5
Passenger Fall on vehicle/no injury	1	2	1	4
Passenger Fall on vehicle/injury	2	5	3	10
Employee Injury	3	7	5	15
Wheelchair Lift Failure/no injury	1	1	5	7
Wheelchair Lift Failure/injury	1	7	8	16
Injury Based on Securement Problem	1	5	5	11

Organizational Infrastructure Assessment

Threat/Hazard	A. Likelihood 1 = improbable 10 = certain	B. Impact on Service Delivery 1 = minor 10 = catastrophic	C. Financial Impact 1 = negotiable 10 = catastrophic	Vulnerability Index (A+B+C)
<i>Organizational Infrastructure</i>				
Trespassing	2	2	2	6
Vandalism	2	2	2	6
Employee Theft	2	2	2	6
Bomb Threat	2	2	2	6
Dangerous Mail	2	2	2	6
Brief Power Outage	3	5	1	9
Extended Power Outage	3	5	1	9
Hard Drive Crash/Cyber Attack	3	2	2	7
Loss of Landline Phone Service	2	2	1	5
Loss Of Cell Phone Service	2	2	1	5
Loss Of Radio System	2	2	1	5
Minor Structural Fire	1	1	2	4
Major Structural Fire	1	1	8	4
Vehicle Fire without injuries	2	2	8	14
Vehicle Fire with injury/fatality	2	2	8	12

Acts of Nature Assessment

Threat/Hazard	A. Likelihood 1 = improbable 10 = certain	B. Impact on Service Delivery 1 = minor 10 = catastrophic	C. Financial Impact 1 = negotiable 10 = catastrophic	Vulnerability Index (A+B+C)
<i>Acts of Nature</i>				
Flooding in community	1	1	1	3
Flooding of transit facilities	3	7	7	3
Severe Winter Weather	3	7	7	17
Fog	3	7	1	11
Tornado	1	5	2	8
Severe Thunderstorms	5	5	2	12
Fires	1	5	2	8
Landslide/ Rockslide/ Mudslide/ Sinkhole	1	1	1	3

Hazardous Materials Assessment

Threat/Hazard	A. Likelihood 1 = improbable 10 = certain	B. Impact on Service Delivery 1 = minor 10 = catastrophic	C. Financial Impact 1 = negotiable 10 = catastrophic	Vulnerability Index (A+B+C)
<i>Hazardous Materials</i>				
Blood borne Pathogen Spill	2	2	1	5
Toxic Release	1	1	1	3
Fuel Related Event	1	1	1	3

Criminal Activity Assessment

Threat/Hazard	A. Likelihood 1 = improbable 10 = certain	B. Impact on Service Delivery 1 = minor 10 = catastrophic	C. Financial Impact 1 = negotiable 10 = catastrophic	Vulnerability Index (A+B+C)
<i>Criminal Activity</i>				
Non-employee Theft	1	1	1	3
Menacing Behavior on Vehicle	1	1	1	3
Assault on Vehicle	1	1	1	3
Assault on Employees at or near facility	1	1	1	3
Shooter on Vehicle	1	1	1	3
Hostage Situation on Vehicle	1	1	1	3

Domestic or International Terrorism Assessment

Threat/Hazard	A. Likelihood 1 = improbable 10 = certain	B. Impact on Service Delivery 1 = minor 10 = catastrophic	C. Financial Impact 1 = negotiable 10 = catastrophic	Vulnerability Index (A+B+C)
<i>Terrorism</i>				
Suspicious Item on Vehicle	1	1	1	3
Improvised Explosive Device	1	1	1	3
Chemical Weapon	1	1	1	3
Biological Weapon	1	1	1	3
Radiological Weapon	1	1	1	3