ID #	Type (Risk| Defect| Issue)	Identified by	Short Title	Description	Mitigation or remediation performed	Date Identified	DateDeveloper completed	Responsible Reviewer	Date Review approved
Tool-001	Risk	developer	Python	Python is a new language for the developer	The developer will view training videos, attend lectures, read books and articles, do exercises and spike explorations in order to gain proficiency.	2011.09.24		major professor	
Tool-002	Risk	developer	RabbitMQ	RabbitMQ is a new message queue system for the developer	The developer will view training videos, attend lectures, read books and articles, do exercises and spike explorations in order to gain proficiency.	2011.09.24		major professor	
Tool-003	Risk	developer	MongoDB	MongoDB is a new data storage system for the developer	The developer will view training videos, attend lectures, read books and articles, do exercises and spike explorations in order to gain proficiency.	2011.09.24		major professor	
Tool-004	Risk	developer	SUMO	SUMO is a new simulation environment for the developer	The developer will view training videos, attend lectures, read books and articles, do exercises and spike explorations in order to gain proficiency.	2011.09.24		major professor	
Tool-005	Risk	developer	git	git is a new version control system for the developer	The developer will view training videos, attend lectures, read books and articles, do exercises and spike explorations in order to gain proficiency.	2011.09.24		major professor	

ID #	Type (Risk| Defect| Issue)	Short Title	Description	Mitigation or remediation performed	Date Identified	Date Developer completed	Responsible Reviewer	Date Review approved
Rabbit-001	developer	Q Fanout	Use RabbitMQ with fan out exchange to distribute data to multiple agents.	A spike solution was created which creates a fan out exchange, sends a message to it and multiple clients receive the message.	2011.08.21	2011.09.14	demo for committee?	
Rabbit-002	developer	aggregation	Ability to use RabbitMQ with multiple agents to aggregate results. The ability for a single agent to take in input from multiple other agents for decision making.		2011.08.21		demo for committee?	
TRACI-001	developer	network	ability to load and use an existing road network		2011.08.21		demo for committee?	
TRACI-002	developer	network	ability to create/load the double-T network		2011.08.21		demo for committee?	
TRACI-003	developer	read from TRACI	demonstrate ability to read from TRACI		2011.08.21		demo for committee?	
TRACI-004	developer	send to TRACI	demonstrate ability to send Traffic Light Signal commands to TRACI		2011.08.21		demo for committee?	
TRACI-005	developer	network metrics	ability to read network metrics from TRACI		2011.08.21		demo for committee?	
TRACI-006	developer	read sensors	ability to read sensor data from an existing road network		2011.08.21		demo for committee?	
TRACI-007	developer	new sensors	ability to add sensors to an existing road definition		2011.08.21		demo for committee?	