





nitial Requirements (General Motor stu	s for Se dies)	elected I	-eature	es	
Feature	Position Req (m)	Comm Latency (s)	% Market	Max Range (m)	Transmit Model
Intersection Collision Warning	0.5 – 1.0	0.1	High	250	Periodic
Forward Collision Warning	0.5 – 1.0	0.1	High	250	Periodic
Lane Change Warning	0.5 – 1.0	0.1	High	250	Periodic
Blind Spot Warning	0.5 – 1.0	0.1	High	250	Periodic
Emergency Brake Warning	1.0 – 5.0	0.1	Medium	250	Event
Slow/Stopped Vehicle Advisory	1.0 – 5.0	1.0	Medium	1000	Event
Road Condition Advisory	1.0 – 5.0	1.0	Medium	1000	Event
Post Crash Advisory	1.0 – 5.0	1.0	Medium	1000	Event
Traffic Jam Ahead Advisory	1.0 – 5.0	1.0	Medium	1000	Event
In-Vehicle Dynamic Signage	> 5.0	5.0	Low	1000	Periodic
Electronic Toll Payments	> 5.0	10.0	Low	1000	Periodic
Traveler Information	> 5.0	10.0	Low	1000	Periodic

COUTACY (US DoT reported: roject Final Report, 2004)	oning and ma Enhanced Digital M	p Iapping	
Application Types	Positioning Accuracy	Map Accuracy	
Stop Sign Assistant - Warning	~1m	~0.5m	
Curve Speed Assistant - Warning	~1m	~0.5m	
Forward Collision Warning	0.3-1m	0.2-0.5m	
Curve Speed Assistant- Control	0.3-1m	0.2-0.5m	
Lane Departure Warning	<0.3m	<0.2m	





































