

REQUIREMENTS MATRIX SECTION	OPTION A (Fixed Route System Only)	OPTION B (Paratransit System Only)
3. System Functional Requirements – Core System Components		
3.1 Central System		
3.1.1 General	X	X
3.1.2 Fixed Route CAD/AVL Software	X	
3.1.3 Paratransit Scheduling and Dispatch Software		X
3.1.4 Real-Time Information Software	X	
3.1.5 Real-Time Information Website	X	
3.1.6 Real-Time Information Data Feed	X	
3.1.7 Cellular Data Gateway	X	X
3.2 In-Vehicle (Fixed Route)		
3.2.1 On-Board Computer (OBC)	X	
3.2.2 Mobile Data Terminal	X	
3.3 In-Vehicle (Paratransit)		
3.3.1 On-Board Computer (OBC)		X
3.3.2 Mobile Data Terminal		X
4. SYSTEM FUNCTIONAL REQUIREMENTS – ENHANCED SYSTEM COMPONENTS		
4.1 Central System		
4.1.1 Fixed Route Scheduling Software	X	
4.1.2 Fixed Route Pullout Management Software	X	
4.1.3 Real-Time Information Software IVR Module	X	
4.1.4 Paratransit Software Automated Trip Arrival IVR Notification		X
4.1.5 Real-Time Information Software VMS Management Module	X	
4.1.6 Automated Passenger Counter Software	X	
4.1.7 Automated Vehicle Announcements (AVA) Software	X	
4.2 In-Vehicle (Fixed Route)		
4.2.1 Automated Passenger Counters	X	
4.2.2 Automated Vehicle Announcements (AVA)	X	

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4.2.3 Farebox Integration	X	
4.2.4 Headsign Integration	X	
4.2.5 Reinstalling Equipment	X	
4.3 In-Vehicle (Paratransit)		X
4.3.1 Reinstalling Equipment		X
5. Physical Installation Requirements	X	X
6. Electrical Requirements		
6.1 General Requirements	X	X
6.2 Central System	X	X
6.3 In-Vehicle	X	X
7. Environmental Requirements		
7.1 Central System	X	X
7.2 In-Vehicle	X	X
8. Project Management and Documentation		
8.1 Implementation Plan and Schedule	X	X
8.2 Documentation Submission Requirements	X	X
9. Design Review		
9.1 Site Surveys	X	X
9.2 In-Vehicle Equipment Location	X	X
9.3 System Design Document	X	X
10. Sample Vehicle Demonstration	X	X
11. Acceptance Testing		
11.1 System Acceptance Testing (SAT)	X	X
11.2 Operability Period Test	X	X
12. Training		
12.1 Training Courses	X	X
12.2 Training Manuals	X	X

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13.Operational Support		
13.1 Spare Parts	X	X
13.2 Manuals	X	X
13.2.1 Equipment Operations and Maintenance Manuals	X	X
13.2.2 Software User Manuals	X	X
13.2.3 Software Systems Administration Manuals	X	X
13.2.4 As-Built Documentation	X	X
14. Warranty		
14.1 Warranty Period	X	X
14.2 Warranty Coverage	X	X