

**Table F- 1 US 15-501 Phase II MIS Assumptions**

Alternative	Duke Alignment and Technology	Medical Technology	UNC Alignment and Technology	Station Locations	Headways	Parking Assumptions
DMU Alt. 1	DMU Western Alignment <i>Extension TTA Phase I Technology</i>	DMU	DMU Southern UNC Alignment	9th Street Station (transfer) Hillsborough Road Cameron Blvd South Square Mall Mt. Moriah Road / I-40 Gateway Ephebus Church Friday Center Smith Center Special Events Only UNC Hospitals	15 min peak 30 minutes offpeak (DMU Alt 1A) and DMU 7.5 minutes peak 15 minutes offpeak (DMU Alt 1B)	Parking (TTA Conceptual Plans) Parking Walking Station Walking Station Parking Parking Parking Walking Station Walking Station
LRT Alt. 1	DMU Coal Spar Station LRT Erwin Road Alignment <i>Technology Transfer at 9th Street Station Duke Station Area Planning Concept No. 3</i>	LRT	LRT Southern UNC Alignment <i>UNC Station Area Planning Concept No. 1</i>	9th Street Station (transfer) Duke Medical Center Morreene Road Pickett Road South Square Mall University Road Garrett Road Mt. Moriah Rd / I-40 Gateway Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals	LRT - 7.5 min peak 15 minutes offpeak  DMU - 15 min peak 30 minutes offpeak	Parking (TTA Conceptual Plans) Walking Station Walking Station Walking Station Walking Station Parking Walking Station Parking Walking Station Walking Station Walking Station Walking Station
Bus Alt. 1	DMU Coal Spar Station Exclusive Busway Erwin Road Alignment <i>Technology Transfer at 9th Street Station</i>	Exclusive Busway	Exclusive Busway Southern UNC Alignment <i>UNC Station Area Planning Concept No. 1</i>	9th Street Station (transfer) Duke Medical Center Morreene Road Pickett Road South Square Mall University Road Garrett Road Mt. Moriah Rd / I-40 Gateway Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals		Parking Walking Station Walking Station Walking Station Parking Walking Station Parking Walking Station Walking Station Walking Station Walking Station
Bus Alt. 2	DMU Coal Spar Station Exclusive Busway Erwin Road Alignment <i>Technology Transfer at 9th Street Station Duke Station Area Planning Concept No. 3</i>	Exclusive Busway	BMT Manning Drive Alignment "Diamond Lanes" <i>UNC Station Area Planning Concept No. 2</i>	9th Street Station (transfer) Duke Medical Center Morreene Road Pickett Road South Square Mall University Road Garrett Road Mt. Moriah Rd / I-40 Gateway Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals	DMU - 15 min peak 30 minutes offpeak	Parking (TTA Conceptual Plans) Walking Station Walking Station Walking Station Walking Station Parking Walking Station Parking Walking Station Walking Station Walking Station
LRT Alt. 2	LRT Erwin Road Alignment <i>Technology Transfer at 9th Street or Extension of TTA Future Phase I Technology Duke Station Area Planning Concept No. 1</i>	LRT	LRT Southern UNC Alignment <i>UNC Station Area Planning Concept No. 1</i>	9th Street Station (transfer) Duke Medical Center Morreene Road Pickett Road South Square Mall University Road Garrett Road Mt. Moriah Rd / I-40 Gateway Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals	LRT - 7.5 min peak 15 minutes offpeak	Parking (TTA Conceptual Plans) Walking Station Walking Station Walking Station Walking Station Parking Walking Station Parking Walking Station Walking Station Walking Station
LRT Alt. 3	LRT Western Alignment <i>Technology Transfer at Hillsborough Road Duke Station Area Planning Concept No. 2</i>	LRT	LRT Southern UNC Alignment <i>UNC Station Area Planning Concept No. 1</i>	Hillsborough Road (transfer) Cameron Blvd Pickett Road South Square Mall University Road Garrett Road Mt. Moriah Rd / I-40 Gateway Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals	7.5 minutes LRT 15 minutes offpeak	Parking Walking Station Walking Station Walking Station Parking Walking Station Parking Walking Station Walking Station Walking Station
Bus Alt. 3	Exclusive Busway Western Alignment <i>Technology Transfer at Hillsborough Road Duke Station Area Planning Concept No. 2</i>	Exclusive Busway	Exclusive Busway Southern UNC Alignment <i>UNC Station Area Planning Concept No. 1</i>	Hillsborough Road (transfer) Cameron Blvd South Square Mall University Road Garrett Road Mt. Moriah Rd / I-40 Gateway Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals		Parking Walking Station Walking Station Walking Station Parking Walking Station Parking Walking Station Walking Station Walking Station
Bus Alt. 4	Exclusive Busway Western Alignment <i>Technology Transfer at Hillsborough Road Duke Station Area Planning Concept No. 2</i>	Exclusive Busway	BMT Manning Drive Alignment "Diamond Lanes" <i>UNC Station Area Planning Concept No. 1</i>	Hillsborough Road (transfer) Cameron Blvd South Square Mall University Road Garrett Road Mt. Moriah Rd / I-40 Gateway Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals	DMU - 15 min peak 30 minutes offpeak	Parking Walking Station Walking Station Walking Station Parking Walking Station Parking Walking Station Walking Station Walking Station
BMT Alt. 1	DMU Coal Spar Station BMT Erwin Road/Cameron Blvd / Academy Rd / University Dr <i>Technology Transfer at 9th Street Station Duke Station Area Planning Concept No. 3</i>	BMT Exclusive Busway Chapel Hill Dr SW Durham Drive Meadowmont Lane Exclusive Busway	BMT Manning Drive Alignment "Diamond Lanes" <i>UNC Station Area Planning Concept No. 2</i>	9th Street Station (transfer) Duke Medical Center Morreene Road Pickett Road South Square Mall University Road Garrett Road Mt. Moriah Rd (Watkins Road) Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals	DMU - 15 min peak 30 minutes offpeak	Parking (TTA Conceptual Plans) Walking Station Walking Station Walking Station Walking Station Parking Walking Station Parking Walking Station Walking Station Walking Station
BMT Alt. 2	DMU Coal Spar Station BMT Erwin Road / Cameron Blvd / US15-501 / Exclusive Busway University Dr  <i>Technology Transfer at 9th Street Station Duke Station Area Planning Concept No. 3</i>	BMT Exclusive Busway SW Durham Drive Meadowmont Lane Exclusive Busway	BMT Manning Drive Alignment "Diamond Lanes" <i>UNC Station Area Planning Concept No. 2</i>	9th Street Station (transfer) Duke Medical Center Morreene Road Pickett Road South Square Mall University Road Garrett Road Mt. Moriah Road / I-40 Gateway Ephebus Church Meadowmont Friday Center Smith Center Special Events Only UNC Hospitals	DMU - 15 min peak 30 minutes offpeak	Parking (TTA Conceptual Plans) Walking Station Walking Station Walking Station Walking Station Walking Station Walking Station Parking Walking Station Walking Station Walking Station