

HSR Grant Applications Submitted By NYSDOT To FRA On August 6, 2010

Final Design/Construction Projects

<i>Project Name</i>	<i>Project Description</i>	<i>Total Project Cost \$ million</i>	<i>Non-Federal Funding Match Required \$ million</i>	<i>FRA Funding Requested \$ million</i>
Hudson Subdivision Signal Improvements Phase 1	Final design and construction of train signal improvements between New York City and Albany, increasing the reliability of the existing, 30-year-old signal system by replacing the overhead signal pole line between Poughkeepsie, Dutchess County, and Rensselaer, Rensselaer County. The project is the first phase of improvements along the Hudson Line to eliminate frequent signal outages that occur during inclement weather;	\$10.01	\$2.00	\$8.00
Rensselaer Station 4th Track	Construction of a fourth passenger loading track at the Albany-Rensselaer Station in Rensselaer County, extending loading capability to two platforms, realigning existing tracks, turnouts and upgrading the signal system near and at the station. The project will remove existing speed restrictions near the station, resulting in reduced travel times.	\$42.89	\$8.58	\$34.31
Schenectady Intermodal Station	Final design and construction of a new passenger rail station in Schenectady, Schenectady County. The project includes demolishing portions of the existing station and platform, waterproofing between the rail bed and station and reconstructing the rail bed, track, platform, viaduct, elevator, passenger and baggage areas.	\$13.05	\$2.61	\$10.44
Niagara Falls International Rail Station Intermodal Transportation Center Development	Construction for the relocation of Amtrak passenger station operations in Niagara Falls to a redeveloped, historic 1863 Customs House. The project includes realigning and improving rail tracks, and the installation of automatic switches to facilitate train approaches to the new station location.	\$24.96	\$4.99	\$19.97
Mohawk Valley Empire Corridor Congestion Relief	Final design and construction of track and signal improvements and the addition of new crossovers between tracks along the Empire Corridor in the Mohawk Valley; through Montgomery and Oneida Counties, the Towns of Schuyler and St. Johnsville, and the Cities of Amsterdam, Rome and Utica; helping to ease train traffic congestion.	\$7.31	\$1.46	\$5.85

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Syracuse Empire Corridor Congestion Relief	Final design and construction of track and signal improvements along the Empire Corridor in the Syracuse area, including upgrades to the track serving the Syracuse passenger station platform. The project also will make improvements at the DeWitt Yard area.	\$23.18	\$4.64	\$18.55
Adirondack Corridor Service Reliability Initiative	Final design and construction to improve service reliability and increase passenger train speeds by upgrading the track along approximately 23 miles of Adirondack Corridor between Schenectady and Fort Edward.	\$5.89	\$1.18	\$4.72

Preliminary Engineering /National Environmental Policy Act Projects

Livingston Avenue Bridge	Preliminary engineering and required environmental work involved with rehabilitating or replacing the Livingston Avenue Bridge between Albany and Rensselaer, a railroad bridge built in 1866 that is the primary crossing over the Hudson River and a critical link for train service west and north of Albany.	\$4.00	\$2.00	\$2.00
Niagara Falls High Speed Rail Inspection and Maintenance Facility	Preliminary engineering and conducting required environmental work for a proposed high-speed rail inspection and maintenance facility in Niagara Falls, Niagara County. The project will evaluate alternatives for a facility near the Niagara Falls passenger station for both the storage and light maintenance of train sets staying overnight and evaluate utilizing high-tech equipment for monitoring and inspecting passenger train sets.	\$2.50	\$0.50	\$2.00
New Metro North Poughkeepsie Yard	Preliminary engineering and conducting required environmental work to ease congestion in and around the Poughkeepsie rail yard, consolidating MTA's Metro-North Railroad yard operations into a site east of the two-track Hudson Line, clearing two of the main tracks and a siding for Intercity Passenger Amtrak trains. The project will also upgrade and extend the siding to create a third main track along the south approach to Poughkeepsie.	\$4.30	\$2.15	\$2.15
	Totals	\$138.1	\$30.11	\$107.99