

MARTA MAINTENANCE YARD RECOMMISSIONING

ATLANTA, GEORGIA



The Metropolitan Atlanta Rapid Transit Authority (MARTA) tasked S.L. King Technologies, Inc. through a subcontract with WSP Global, to evaluate and assess MARTA's South Yard Maintenance Facility and develop an operating plan to return the facility to a state of good repair sufficient to test and commission new and overhauled rail vehicles. This included an evaluation of existing equipment and the identification of necessary equipment to meet the objectives of MARTA's intended use. Included in the review was a comprehensive review of facility condition, logistics of operation and identification and quantification of necessary upgrades and repairs to bring the maintenance facility up to a state of good repair.

Scope of Services

SLKT was tasked by MARTA to inspect, review and assess its South Yard maintenance facility and surrounding rail yard to determine what repairs and modifications would be required to recommission the facility and yards to a State of Good Repair sufficient to perform inspections, testing, and final commissioning of both overhauled rail vehicles re-manufactured by KinkiSharyo USA, and new rail vehicles to be delivered by Stadler Rail projected by late 2024. This analysis also include a logistic plan for moving vehicles and equipment safely within the facility and between MARTA facilities within the system.

SLKT inspected the facility and surrounding maintenance area to establish both the current condition of the facility and also identify and quantify what equipment and facility upgrades would be required to accomplish the anticipated repair and warranty work. S.L. King Technologies, Inc. inspected the facility and surrounding tracks for missing or damaged equipment, then developed a list of required and missing equipment plus identification and quantification of specific repairs for the facility and equipment. This list was provided to MARTA for further action. SLKT was then tasked to develop detailed procedures for transport new and overhauled vehicles within the MARTA system and review of specific transportation plans proposed by contractors for transportation between the contractors manufacturing facility and MARTA property. Included were several quality and safety procedures for vehicle operation on MARTA property.

Reference:

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