

Schedule	Schedule Performance Index (SPI): $\text{Earned Value (EV)} \div \text{Planned Value (PV)}$
Description	<ul style="list-style-type: none"> The goal is to achieve $\text{SPI} \geq 1$, which is same as $\geq 100\%$ when expressed in percent. Benchmark: As per guidelines by PMI (Project Management Institute, World Wide) the SPI should be ≥ 1 or 100%. At a value of 100% the Project is forecasted to complete on-time. $\text{EV} = \text{Percent Complete} \times \text{BAC (Budget at Completion)} = \underline{\\$267,568,568}$ $\text{PV} = \text{Planned Value} = \underline{\\$279,051,559}$ Planned Value in dollars to be spent to date is derived from the approved baseline established for the project using a linear burn rate for support. Project Schedule Performance Index = <u>0.95</u> Support Cost, Construction Capital for EWP & MP and Right of Way Capital cost included in reporting.
Quality	Non-Conformance Report (NCR) Resolution: $\frac{[\text{Total Non-Conformance Reports Resolved to Date}]}{[\text{Total Non-Conformance Reports Issued to Date}]}$
Description	<ul style="list-style-type: none"> Measures the effective resolution of NCRs based on percentage of NCR corrective actions approved. The goal is to identify and approve resolution of the NCR as soon as practical. The target rate is to stay above 85% closed. This metric is a measure of the resolution rate of non-conforming work issues identified on the project, based on the KPI Standard Organization's Heavy and Civil Engineering Construction definition. The target rate identified is preliminary and is derived from the professional judgment of multiple construction professionals and NCR data to date. This metric will be measured and trended for refinement throughout the life of the project and across multiple High-Speed Rail construction packages to develop a performance standard for the High Speed Rail. Total Non-Conformance Reports Issued to Date: <u>25.0</u> Total Non-Conformance Reports Resolved to Date: <u>24.0</u>
Economic Benefits	Disadvantaged/Small/Disabled Veteran/Micro Business Enterprise: $\frac{[\text{Total SB/DVBE/DBE/MB payments to Date}]}{[\text{Total Subcontract payments to Date}]}$
Description	<p>Benchmark: The Authority has established a Small and Disadvantaged Business Enterprise Program, inclusive of Small Businesses (SB), Disabled Veteran Business Enterprises (DVBE), Disadvantaged Business Enterprises (DBE) and Microbusinesses (MB) and has set an overall Small Business participation goal of $\geq 30\%$.</p> <p>This project is utilizing an alternative procurement method called CMGC. The project will achieve the 30% goal by project completion. The work performed estimate is developed by the relative proportion of SB involved in each item of work. The number will be adjusted as actual payments are made.</p> <p>Total SB work performed amount = <u>\$53,089,104</u> Total Sub Contract payments = <u>\$163,223,762</u></p> <p>The project has achieved a <u>32.5%</u> participation to date.</p>