

PROJECT REQUIREMENTS

MIDAMERICA CONNECTIVITY PROJECT

	Rural Project Requirement	Project Features
(1)	The Project will generate regional economic, mobility, or safety benefits	Yes; The project supports the exponential economic growth of the largest Oklahoma Industrial Park by improving the safety of and expanding the roadway infrastructure at the park to increase economic activity in the region and the sustainability and global competitiveness of the park. The park is located in a Historically Disadvantaged Community (HDC) and an Area of Persistent Poverty (APP) areas. The project will help the community address the below average employment rate and median income. See the Outcome Criteria narrative.
(3)	The project will contribute to 1 or more of the national goals described under Section 150	Yes; RURAL funds provided by this Grant application would allow for immediate improvements to the park that will open up access to large sections of the park currently in need of access. The Benefit-Cost Analysis shows a Benefit-Cost Ratio of 4.8 for partial-build and 4.5 for full-build using a 7% discount Rate See the Project Readiness narrative.
(3)	The project will contribute to 1 or more of the national goals described under Section 150 <i>Continued...</i>	Safety: The project is anticipated to enhance the safety of the roadway network by the addition of wider shoulders, safety edge technology, a roundabout, and the conversion of an at-grade intersection to a grade separated interchange. Infrastructure Condition: The project will significantly improve the condition of the existing network by reconstructing the existing pavement, improving gravel roads to paved roads and proving new roadways where currently roads do not exist. The improvements will create a network of roadways improving the park's current access.

<p>(3)</p>	<p><i>Continued...</i> The project will contribute to 1 or more of the national goals described under Section 150</p>	<p>Congestion Reduction: This project will allow for smoother flow of traffic on roadway network through improved pavement condition and installation of shoulders. The new roundabout and interchange will significantly reduce delay at major access points to the park.</p> <p>System Reliability: This project will complete a looped network of roadways within the park providing alternate routes for vehicles should there be heavy delays due to railroads or other items that may cause delays. This looped system enhances the system's reliability.</p> <p>Freight Movement and Economic Vitality: This project has been initiated specifically for this reason. The roadway network is needed to move freight to and from the industrial park and to open additional opportunities for economic growth within the park.</p> <p>Environmental Sustainability: This project has included planning for multiple modes of transportation by providing multiuse sidewalks along several of the routes to promote bike and pedestrian use with the park connecting residential and entertainment venues.</p> <p>Reduced Project Delivery Delays: This funding request will accelerate the delivery of these vital roadways. ODOT and MAIP have already moved to identify and solve delays to delivery as related to these projects by the previous work already done.</p>
<p>(4)</p>	<p>The Project is based on the results of preliminary engineering</p>	<p>Yes; Activities completed as of submission of the application include environmental assessments, topographic surveys, metes and bounds surveys, geotechnical investigations, hydrologic analysis, utility engineering, traffic studies, financial plans, revenue estimates, hazardous materials assessments, estimates of type and quantity of work, preliminary studies, and preliminary engineering. Final design plans are currently under design for several roadways associated with this Grant application. See the Project Readiness narrative.</p>
<p>(5)</p>	<p>The Project is reasonably expected to begin construction no later than 18 months after the date of obligation of funds for the project</p>	<p>Yes; ODOT has met every funding obligation in previous grant applications. Design plans are underway, and the project will begin construction before the 18-month obligation deadline. The previous commitments made by ODOT and MAIP towards these improvements are a testament to the importance of these projects, which has allowed these projects to meet the requirements of the Grant. See the Project Readiness narrative.</p>

REFERENCES

1. MidAmerica Industrial Park. 2023. <maip.com/> (Aug. 17, 2023).
2. MidAmerica Industrial Park. 2023. “Labor Force.” <maip.com/workforce/labor-force/> (Aug. 17, 2023).
3. MAIP Freight Map PDF: 2023. <oklahoma.gov/odot/progress-and-performance/federal-grant-awards/mpdg-grants/mpdg-2023-2024/midamerica-connectivity-project-spurring-economic-growth-in-rural-oklahoma.html>
4. Oklahoma Department of Transportation. 2022. “FFY-2023 Through FFY-2030 Construction Work Plan.” <oklahoma.gov/content/dam/ok/en/odot/project-management/cwp-8-year-plan/cwp-ffy2023-ffy2030/2023-2030%20CWP%20Book_.pdf> (Aug. 17, 2023).
5. Oklahoma Department of Transportation. 2022. “FY-2023 through FY-2023 Asset Preservation Plan.” <oklahoma.gov/content/dam/ok/en/odot/asset-preservation/2023-2026/2023-2026%20APP%20Book.pdf> (Aug. 17, 2023).
6. Project Webpage: oklahoma.gov/odot/progress-and-performance/federal-grant-awards/mpdg-grants/mpdg-2023-2024/midamerica-connectivity-project-spurring-economic-growth-in-rural-oklahoma.html
7. Overview Map PDF: 2023. <oklahoma.gov/odot/progress-and-performance/federal-grant-awards/mpdg-grants/mpdg-2023-2024/midamerica-connectivity-project-spurring-economic-growth-in-rural-oklahoma.html>
8. John Boozman United States Senator for Arkansas. 2021. “Boozman, Cotton and Inhofe Introduce Bill to Designate U.S. Route 412 as Future Interstate.” <www.boozman.senate.gov/public/index.cfm/2021/5/boozman-cotton-and-inhofe-introduce-bill-to-designate-u-s-route-412-as-future-interstate> (Aug. 17, 2023).
9. Oklahoma Department of Transportation. 2022. “Statewide Transportation Improvement Program FFY 2022-2025.” <oklahoma.gov/content/dam/ok/en/odot/stip/STIPPRO_FULLL.pdf> (Aug. 17, 2023).
10. Oklahoma Department of Transportation Highway Safety. 2023. “Crash Data.” ohso.ok.gov/crash-data2 (Aug. 17, 2023).
11. Governors Highway Safety Association. 2022. “America’s Rural Roads: Beautiful and Deadly.” <www.ghsa.org/sites/default/files/2022-08/America%E2%80%99s%20Rural%20Roads%20-%20Beautiful%20and%20Deadly_0.pdf> (Aug. 17, 2023).
12. United States Department of Transportation. 2011. “Highway Safety Improvement Program Manual.” <safety.fhwa.dot.gov/hsip/resources/fhwas09029/sec3.cfm> (Aug. 17, 2023).
13. United States Department of Transportation. 2013. “State Best Practice Policy for Shoulders and Walkways.” <safety.fhwa.dot.gov/ped_bike/tools_solve/fhwas11018/> (Aug. 17, 2023).

14. United States Department of Transportation. 2022. "National Roadway Safety Strategy." <www.transportation.gov/sites/dot.gov/files/2022-02/USDOT-National-Roadway-Safety-Strategy.pdf> (Aug. 17, 2023).
15. Oklahoma Department of Transportation. 2020. "Pavement Performance Measures." <experience.arcgis.com/experience/807832f37c10433c9fd055723b139d63/page/Pavement/> (Aug. 17, 2023).
16. MidAmerica Industrial Park. 2023. "MAIP Active Transportation Connectivity Master Plan." <oklahoma.gov/odot/progress-and-performance/federal-grant-awards/mpdg-grants/mpdg-2023-2024/midamerica-connectivity-project-spurring-economic-growth-in-rural-oklahoma.html> (Aug. 17, 2023).
17. MidAmerica Industrial Park. 2023. "MidAmerica Industrial Park Newsletter" <maip.com/images/uploads/MAIP_Newsletter_Vol2023_01_M-DIGITAL.pdf> (Aug. 17, 2023).
18. MidAmerica Industrial Park. 2023. "Training and Workforce Development." <maip.com/workforce/training-and-workforce-development/> (Aug. 17, 2023).
19. BMX News. "Two "What Abouts" for The Bounce Back Nationals." 2020. <www.bmx-news.com/2020/05/21/two-what-abouts-for-the-bounce-back-nationals/> (Aug. 17, 2023).
20. Oklahoma Department of Transportation. 2019. "Standard Specifications for Highway Construction." <oklahoma.gov/content/dam/ok/en/odot/documents/c_manuals/spec-book/2019--full-spec-web-version.pdf> (Aug. 17, 2023).
21. United States Census Bureau. 2022. "QuickFacts. Mayes County, Oklahoma; United States." <www.census.gov/quick-facts/fact/table/mayescountyoklahoma,US/PST045222> (Aug. 17, 2023).
22. United States Department of Transportation. "Justice40 Initiative." <<https://www.transportation.gov/equity-Justice40>> (Aug. 17, 2023).
23. United States Department of Transportation. 2022. "Transportation Disadvantaged Census Tracts (Historically Disadvantaged Communities)." <usdot.maps.arcgis.com/apps/dashboards/d6f90dfcc8b44525b04c7ce748a3674a> (Aug. 17, 2023).
24. United States Department of Transportation. 2023. "Grant Project Location Verification." <maps.dot.gov/BTS/GrantProjectLocation-Verification/> (Aug. 17, 2023).
25. The District. 2022. "Life at The District." <www.lifeatthedistrict.com/> (Aug. 17, 2023).
26. United States Department of Transportation. "Proven Safety Countermeasures." <highways.dot.gov/safety/proven-safety-countermeasures> (Aug. 17, 2023).
27. United States Department of Transportation. "SafetyEdgeSM." <highways.dot.gov/safety/proven-safety-countermeasures/safetyedg-esm> (Aug. 17, 2023).
28. United States Department of Transportation. "Roundabouts." <highways.dot.gov/safety/proven-safety-countermeasures/roundabouts> (Aug. 17, 2023).
29. United States Department of Transportation. 2023. "Benefit-Cost Analysis Guidance for Discretionary Grant Programs." <www.transportation.gov/sites/dot.gov/files/2023-01/Benefit%20Cost%20Analysis%20Guidance%202023%20Update.pdf> (Aug. 17, 2023).
30. Oklahoma Department of Transportation. 2022. "Title VI Implementation Plan Federal Fiscal Year 2023." <oklahoma.gov/content/dam/ok/en/odot/civil-rights/FFY2023%20Title%20VI%20Plan%20FHWA.pdf> (Aug. 17, 2023).