|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Airport Name: | | | | Project Number: | | | | | | | | | | | | | | Design Consultant: | | |
| Location: | | | | Location ID: | | | | | | | | | | | | | | Estimated Const Cost: | | |
| Primary Airport Y/N: | | | | | | | | | | | | | | | | Part 139 Airport Status: | | | | |
| Project Description: | | | | | | | | | | | | | | | | | | | | |
| **Plans-Full Review** | | **Element Addressed?** | | | | | | | | | | | **Relevant Plan Page Numbers** | | | | **Sponsor or Consultant Comment** | | **MoDOT PM Comment** | **Resolved**  **(MoDOT PM)** |
| **Yes** | | | | **No** | | | | **NA** | |  | | | | |  | |  |  |
| **Cover Sheet** | | | | | | | | | | | | | | | | | | | | |
| Airport Name | |  | | | |  | | |  | |  | | | | | |  | |  |  |
| Airport Location | |  | | | |  | | |  | |  | | | | | |  | |  |  |
| Owner/Sponsor name | |  | | | |  | | |  | |  | | | | | |  | |  |  |
| AIP project number | |  | | | |  | | |  | |  | | | | | |  | |  |  |
| Project title | |  | | | |  | | |  | |  | | | | | |  | |  |  |
| Index of drawing sheets | |  | | | |  | | |  | |  | | | | | |  | |  |  |
| **General** | | | | | | | | | | | | | | | | | | | | |
| Is the development shown on the site drawing consistent with the **approved** ALP? | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Is the development shown on the site drawing consistent with the **proposed** AIP grant? | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Do the plans incorporate any construction or related environmental mitigation measures associated with the applicable Federal Environmental Finding and/or other permits? | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Building/Equipment eligibility determination (by FAA) | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Review for ineligible items | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Modification to Design Standards documented and approved | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Do the plans properly show the required Construction Safety and Phasing Plan elements (i.e. phasing, work limits, barricades, haul routes, storage areas, clearance surfaces, etc.)? | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| **Layout and Typical Sections** | | | | | | | | | | | | | | | | | | | | |
| Design meets Geometric Separation and Dimensional Standards per AC 150/5300-13 | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Pavement sections and thicknesses conforms to design report | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Drainage Plan | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| **Runway** | | | | | | | | | | | | | | | | | | | | |
| Plan sheet shows existing pavement survey elevations and final longitudinal and transverse grades of pavement surface meeting grading standards per AC 150/5300-13 | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Shoulder width meet standards | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Safety area width, length and grading meets standards for design category | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Runway OFA clear of all objects not fixed by function | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| RW Width meets Runway Design Code | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| **Taxiway** | | | | | | | | | | | | | | | | | | | | |
| Plan sheet shows existing pavement survey elevations and final longitudinal and transverse grades of pavement surface meeting grading standards per AC 150/5300-13 | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Shoulder width meet standards | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Safety area width and grading meets standards for design category | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Fillet Layouts shown, if required, and meet TDG | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Runway/taxiway/taxi lane separation meet standards | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Taxiway OFA clear of all objects not fixed by function | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Drainage Plan | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| TW Width determined by Taxiway Design Group | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| **Taxiway Grading and Drainage** | | | | | | | | | | | | | | | | | | | | |
| Contour lines/Spot Elevations | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Edge drains/outlets, etc. | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Drainage Structures proper for aircraft loads? | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| Direction of flows indicated | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| **Marking (Reference AC 150/5340-1)** | | | | | | | | | | | | | | | | | | | | |
| Marking plan approved for Part 139 airports | |  | | | |  | | | |  | | |  | | | |  | |  |  |
| **Runway Pavement Marking (Reference AC 150/5340-1)** | | | | | | | | | | | | | | | | | | | | |
| Runway designation markings | |  | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway centerline markings | |  | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway threshold markings |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway aiming point marking |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway touchdown zone markings |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway side stripe markings |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway Displaced Threshold markings |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway demarcation bar |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Arrows and arrowheads |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Chevrons |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway holding position markings on runways |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Runway shoulder markings |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| Temporary markings during construction & a separate plan sheet is provided |  | | | |  | | |  | | | | | |  | | |  | |  |  |
| **Taxiway Pavement Markings: (Reference AC 150/5340-1)** | | | | | | | | | | | | | | | | | | | | |
| Taxiway centerline markings | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Enhanced taxiway centerline markings | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Edge Markings Needed? | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Runway holding position markings on taxiways | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Surface Painted Holding Position Sign | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| ILS Critical area, POFZ and other hold markings | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Intermediate Holding position marking for txy-txy intersection | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Surface Painted taxiway location Marking | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| **Signage (Reference AC 150/5340-18)** | | | | | | | | | | | | | | | | | | | | |
| Signage- Layout | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Mandatory Instruction Signs | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Location signs | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Direction signs | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Destination signs | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| ILS critical area/POFZ boundary sign | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Sign plan approved for Part 139 airports | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| **Runway Lighting (Reference AC 150/5340-30)** | | | | | | | | | | | | | | | | | | | | |
| Threshold/ Runway End lights (Color Coding, Height, Location & Spacing) | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Runway edge lights (Color Coding, Height, Location & Spacing) | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Runway Centerline Lights (Color Coding, Location & Spacing) | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| TDZ Lights (Color Coding, Location & Spacing) | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| **Taxiway Lighting (Reference AC 150/5340-30)** | | | | | | | | | | | | | | | | | | | | |
| Taxiway Edge Lights (Color, Height, Location & Spacing) | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Taxiway Centerline Lights (Color-Coding, Spacing) | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| RGL (Inpavement/Elevated; Color) | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Is there a SMGCS plan that requires specific lighting in this project? | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| **NAVAIDS (PAPI, REILS, AWOS, ILS, etc.)** | | | | | | | | | | | | | | | | | | | | |
| Non-Fed coordination (for ILS/AWOS/PAPI) | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Location shown | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Siting criteria addressed in Design Report | | |  | | | |  |  | | | | | | |  | |  | |  |  |
| Additional Plans Comments: | | | | | | | | | | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Specification review** | | | | | | | |
| Construction Safety & Phasing Plan incorporated in bid package (and reviewed and coordinated in OE/AAA) |  |  |  |  |  |  |  |
| Buy American contract language |  |  |  |  |  |  |  |
| Modification to Construction Standards documented and approved |  |  |  |  |  |  |  |
| AC 150/5370-10 latest revision used and any modifications identified |  |  |  |  |  |  |  |
| Federal wage rates |  |  |  |  |  |  |  |
| DBE goal identified |  |  |  |  |  |  |  |
| Additional Specification Comments: | | | | | | | |