

FLORIDA DEPARTMENT OF TRANSPORTATION

FDOT Financial Project Number _____

Date: _____

Phase/ Submittal _____

EOR: _____

3D Engineered Model QC Checklist

Implementation Items	Originator	Reviewer	Comments
	<i>Initials</i>	<i>Initials</i>	
Geographical Coordinate System has be defined in the model(s)/design file			
3D Baseline/Centerline has been displayed in the model(s)			
Referenced 3D model break lines match the 2D planimetric lines			
Review of model(s) for completeness, visually: <ul style="list-style-type: none"> ○ Gaps along the model ○ Spikes or lips along seams ○ Overlapping components ○ Transitions between corridors and templates ○ Transitions between varying slope values ○ Slopes harmonization with existing surface ○ Median Crossovers ○ Separator Islands 			
Component Depths match the Typical Section: <ul style="list-style-type: none"> ○ Pavement Layers ○ Driveway ○ Sidewalk ○ Concrete 			
Verify Station Offset Elevation at Critical Location: <ul style="list-style-type: none"> ○ EOP at Drainage Nodes ○ Begin / End Taper Transitions ○ Begin / End Radius ○ 			
Verify Cross Slopes: <ul style="list-style-type: none"> ○ Pavement Lanes ○ Shoulders ○ Sidewalk ○ Cross Over Medians ○ Slopes 			
Vertical Clearance			
Clash Detection - Interference Checking			
3D Deliverable Created <ul style="list-style-type: none"> ○ XML files for Corridor Alignments ○ XML files for Existing and Proposed Surfaces (verified against 3D design) ○ Dgn or Dwg files for 2D and 3D lines ○ Icm file for OpenRoads Design Delivery 			
other			