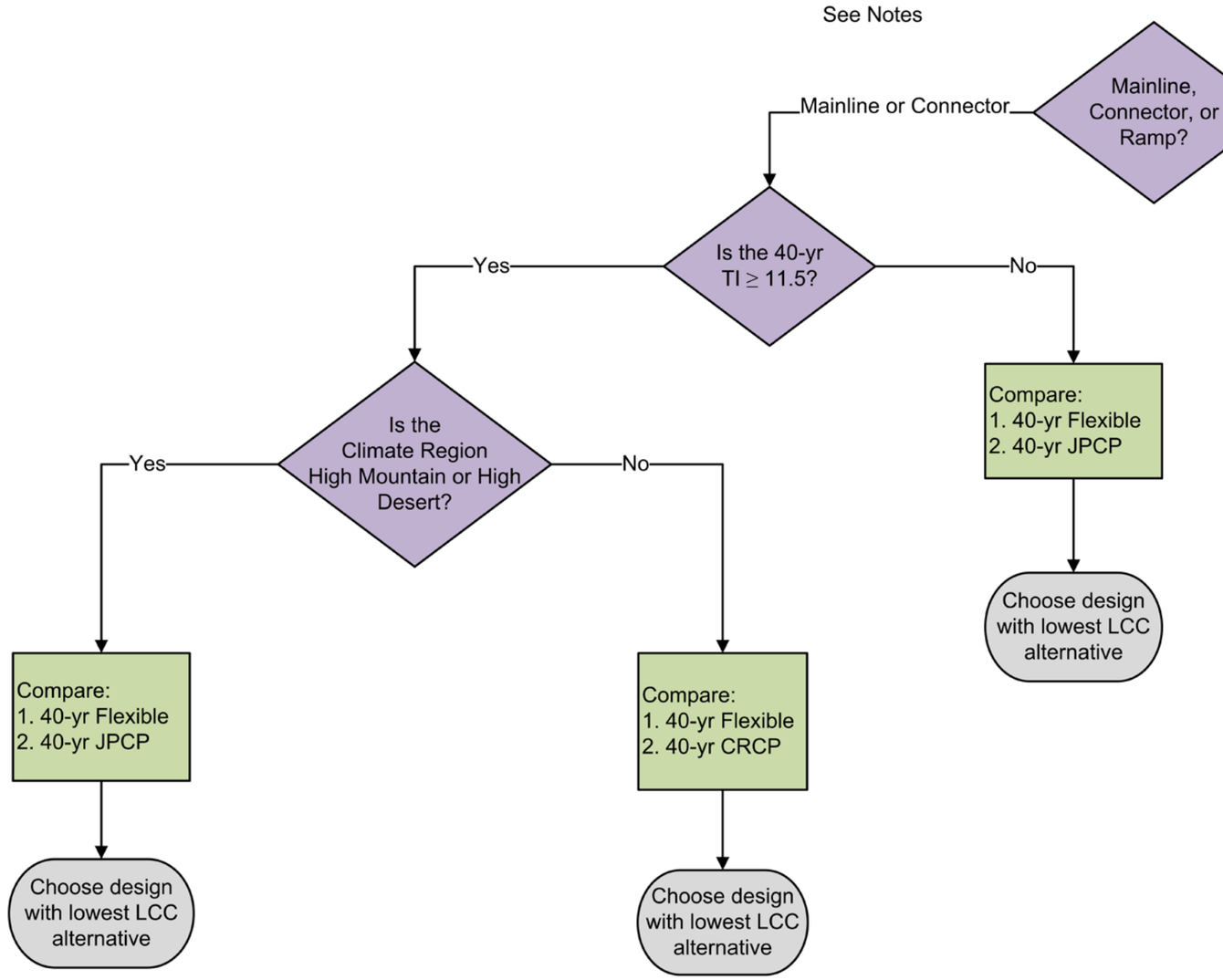
APPENDIX 8: LCCA PAVEMENT TYPE SELECTION FLOW CHARTS

LCCA New Construction and Reconstruction Pavement Type Selection Flowchart



Acronyms:

CRCP	Continuous Reinforced Concrete Pavement
JPCP	Jointed Plain Concrete Pavement
LCC	Life-Cycle Cost
LCCA	Life-Cycle Cost Analysis

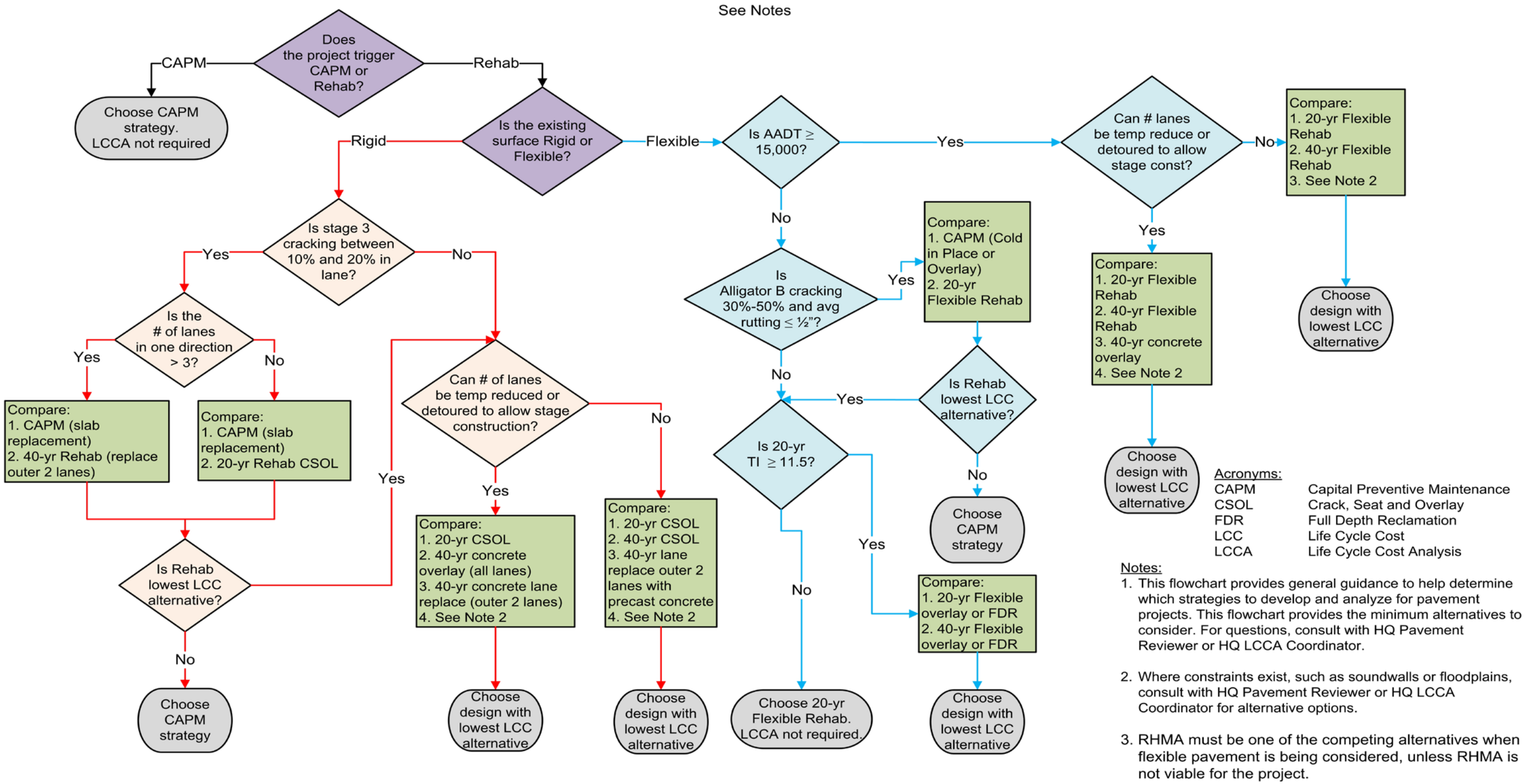
Notes:

1. This flowchart provides general guidance to help determine which strategies to develop and analyze for pavement projects. This flowchart provides the minimum alternatives to consider. For questions, consult with HQ Pavement Reviewer or HQ LCCA Coordinator.

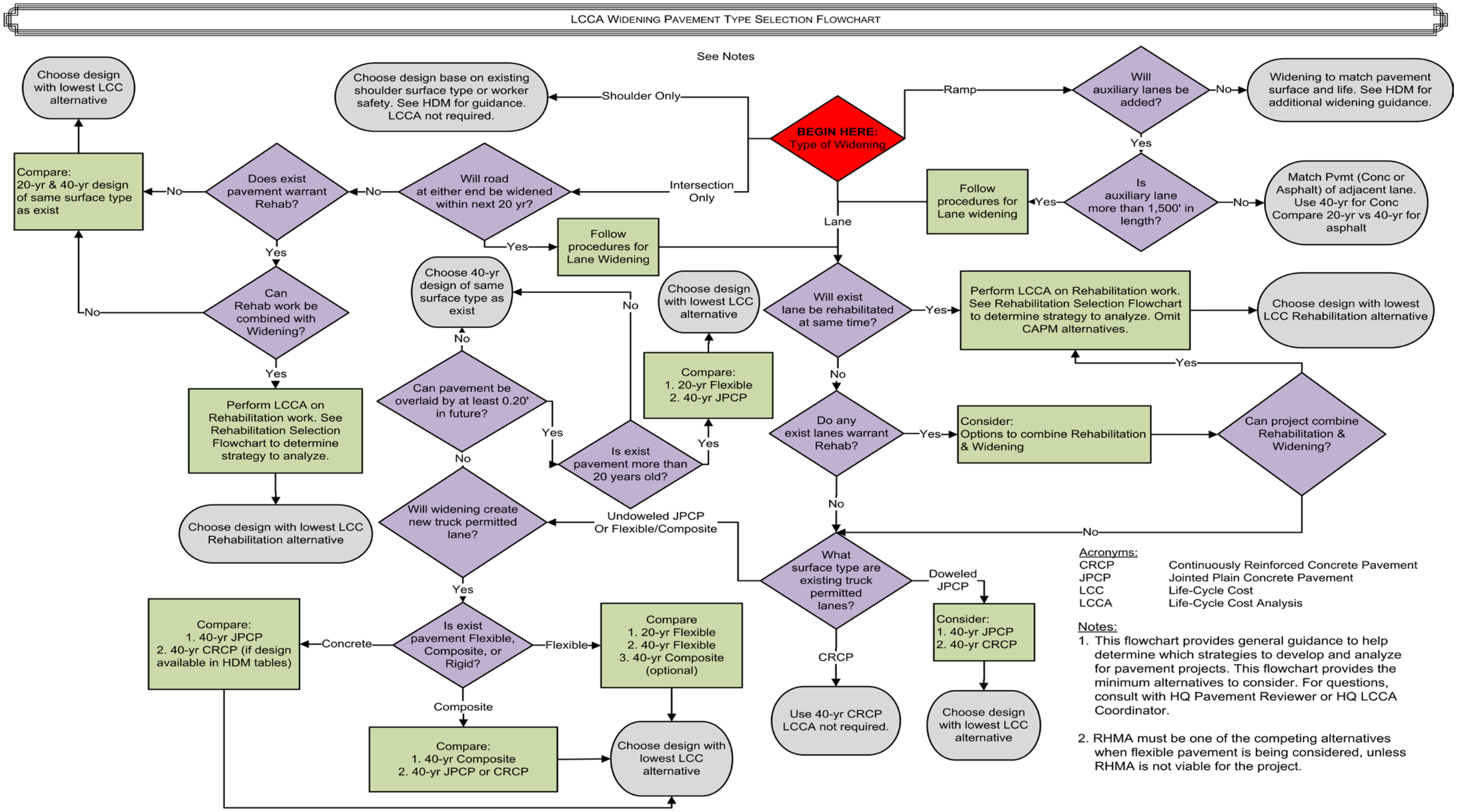
2. RHMA must be one of the competing alternatives when flexible pavement is being considered, unless RHMA is not viable for the project.

Figure 2-1 New Construction and Reconstruction Pavement Alternatives Selection Flowchart

LCCA CAPM and Rehabilitation Pavement Type Selection Flowchart



Combined Figure 2-5 and Figure 2-6 Pavement Type Selection Flowchart for LCCA CAPM and Rehabilitation Project



Combined Figure 2-2, Figure 2-3, and Figure 2-4 LCCA Widening Pavement Type Selection Flowchart