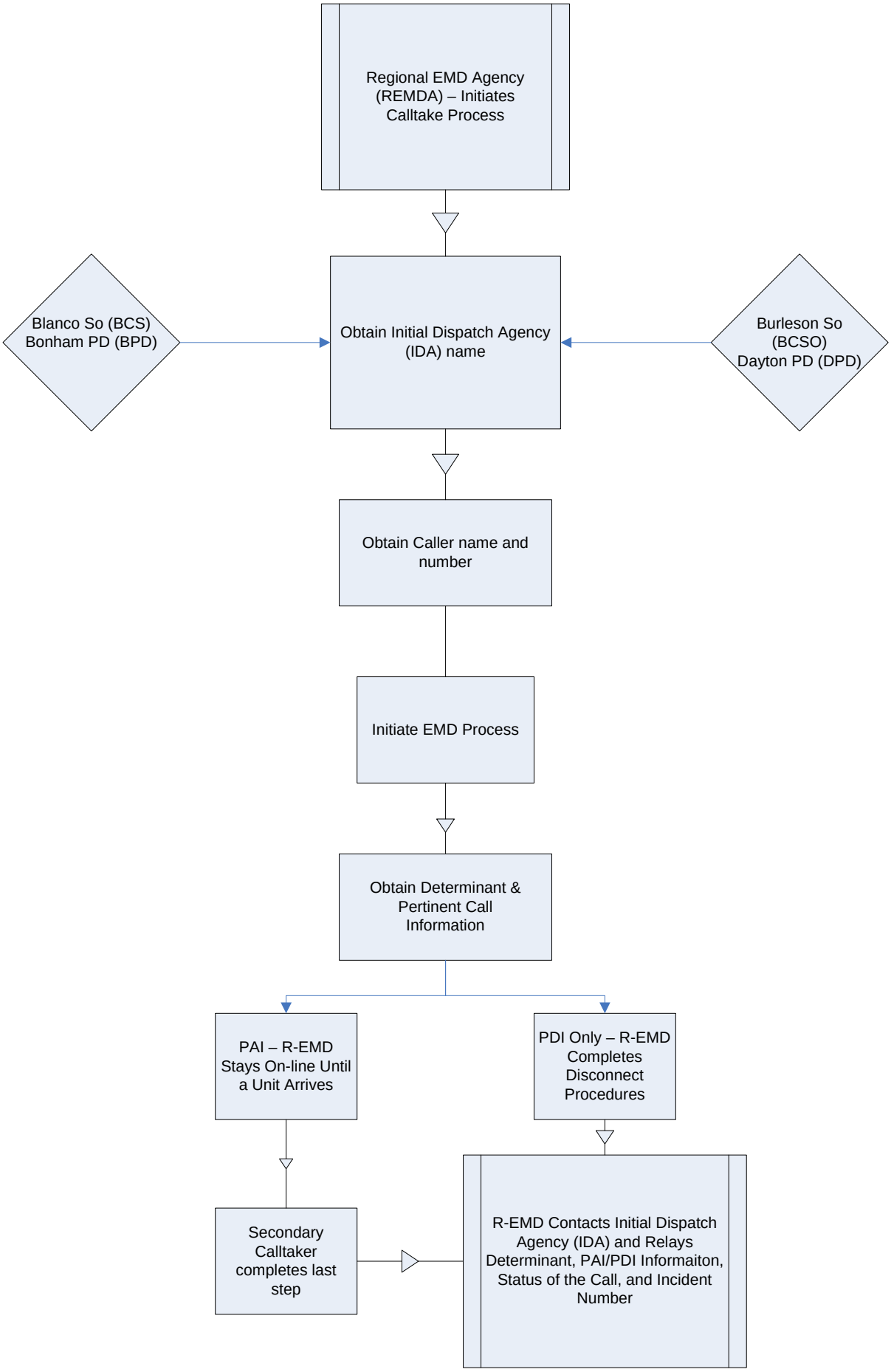Regional EMD Workflow