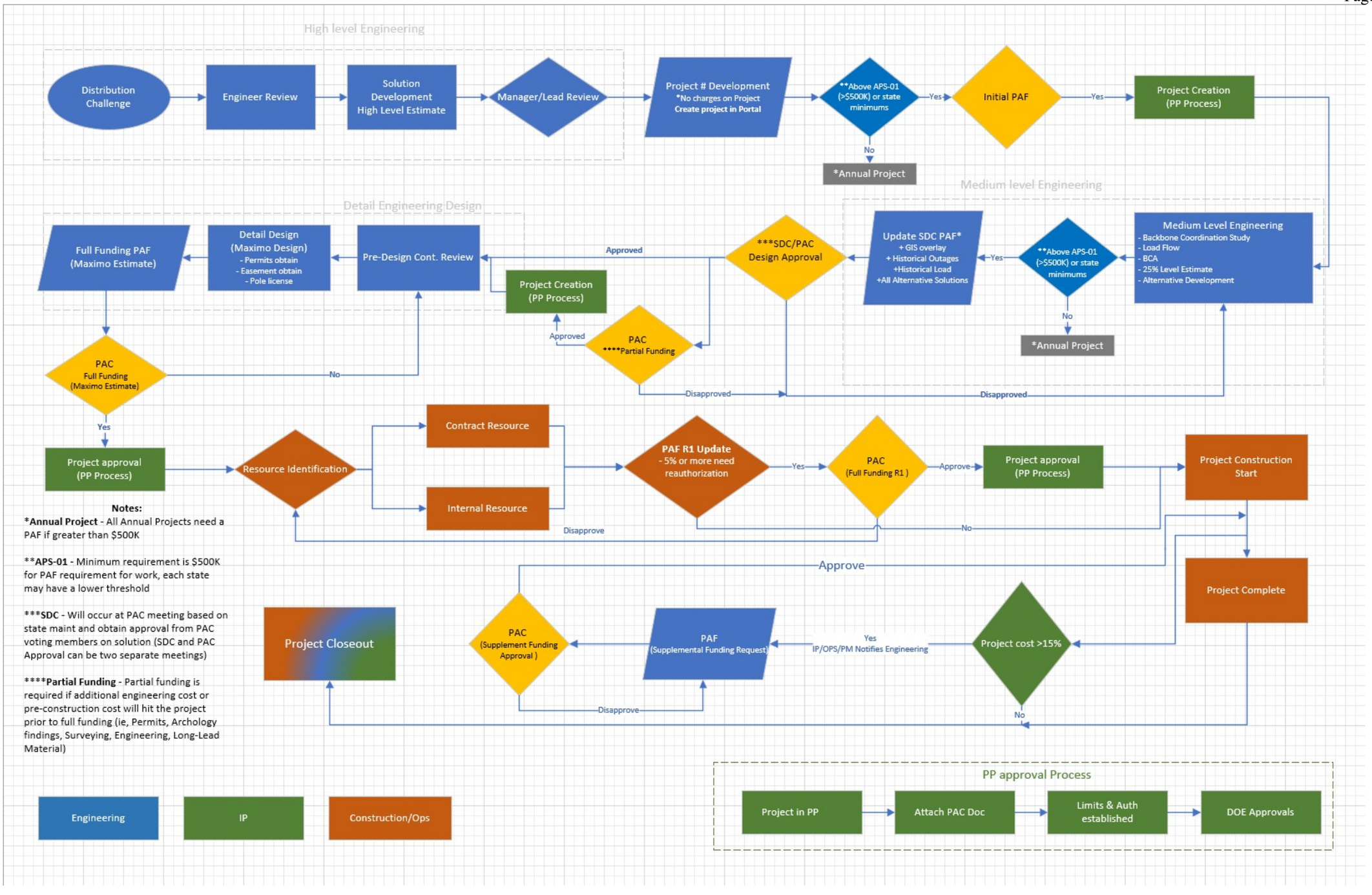
High level Engineering
Distribution Challenge
Engineer Review
Solution Development High Level Estimate
Manager/Lead Review
Project # Development
*No charges on Project
Create project in Portal
**Above APS-01 (>$500K) or state minimums
Yes
Initial PAF
Yes
Project Creation (PP Process)
No
*Annual Project
Medium level Engineering
Medium Level Engineering
- Backbone Coordination Study
- Load Flow
- BCA
- 25% Level Estimate
- Alternative Development
**Above APS-01 (>$500K) or state minimums
Yes
No
*Annual Project
Update SDC PAF*
+ GIS overlay
+ Historical Outages
+Historical Load
+All Alternative Solutions
***SDC/PAC Design Approval
Approved
Project Creation (PP Process)
Approved
PAC
****Partial Funding
Disapproved
Disapproved
Detail Engineering Design
Pre-Design Cont. Review
Detail Design (Maximo Design)
- Permits obtain
- Easement obtain
- Pole license
Full Funding PAF (Maximo Estimate)
PAC
Full Funding (Maximo Estimate)
No
Yes
Project approval (PP Process)
Resource Identification
Contract Resource
Internal Resource
PAF R1 Update
- 5% or more need reauthorization
Yes
PAC
(Full Funding R1)
Approve
Project approval (PP Process)
Project Construction Start
Disapprove
No
Approve
Project Complete
Project Closeout
PAC
(Supplement Funding Approval)
PAF
(Supplemental Funding Request)
Yes
IP/OPS/PM Notifies Engineering
Project cost >15%
Disapprove
No
Notes:
*Annual Project - All Annual Projects need a PAF if greater than $500K
**APS-01 - Minimum requirement is $500K for PAF requirement for work, each state may have a lower threshold
***SDC - Will occur at PAC meeting based on state maint and obtain approval from PAC voting members on solution (SDC and PAC Approval can be two separate meetings)
****Partial Funding - Partial funding is required if additional engineering cost or pre-construction cost will hit the project prior to full funding (ie, Permits, Archology findings, Surveying, Engineering, Long-Lead Material)
PP approval Process
Project in PP
Attach PAC Doc
Limits & Auth established
DOE Approvals
Engineering
IP
Construction/Ops