

**APPENDIX H**  
**Process Maps**

Procurement Sensitive

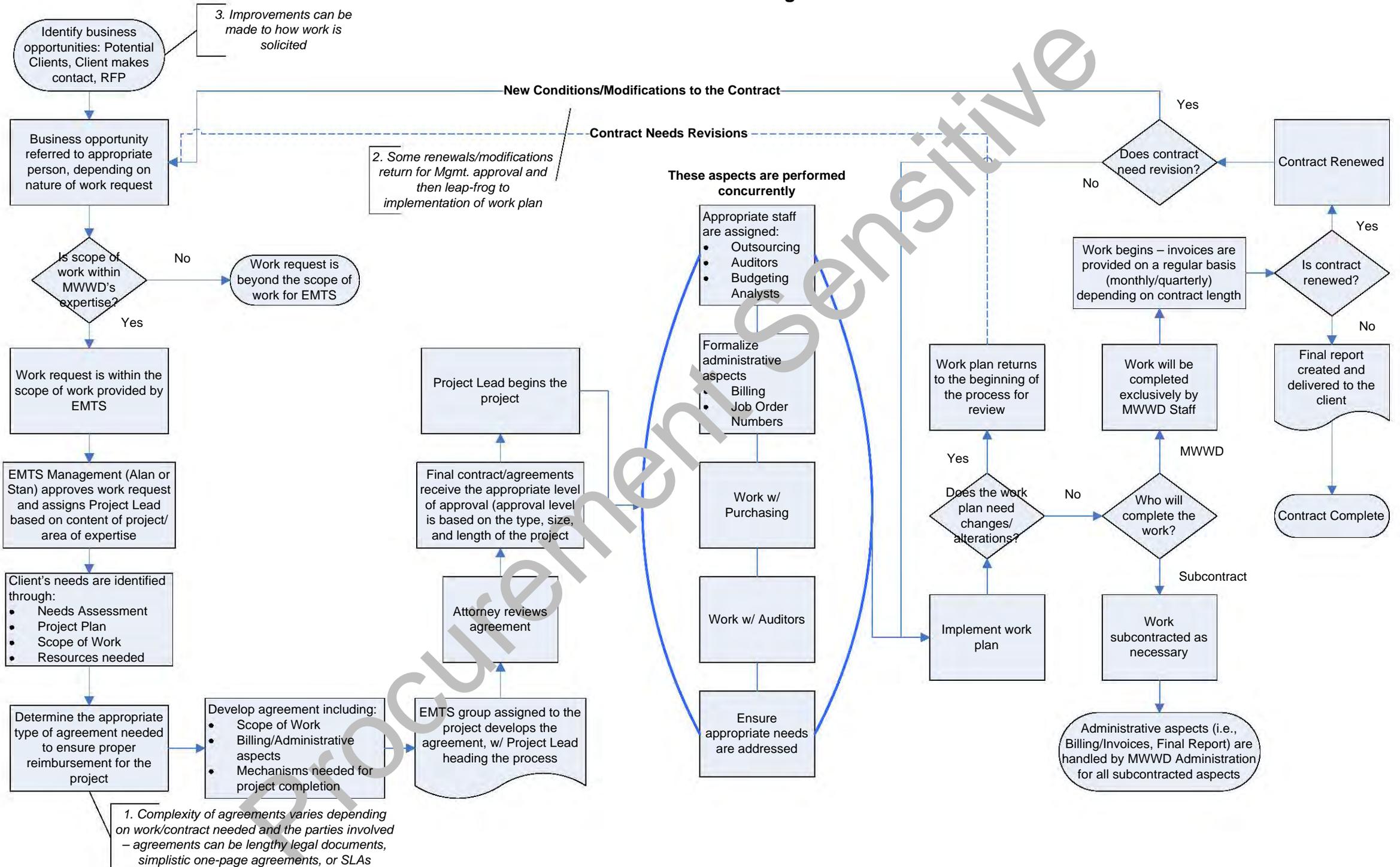


## 1. “As-Is” Flow Charts

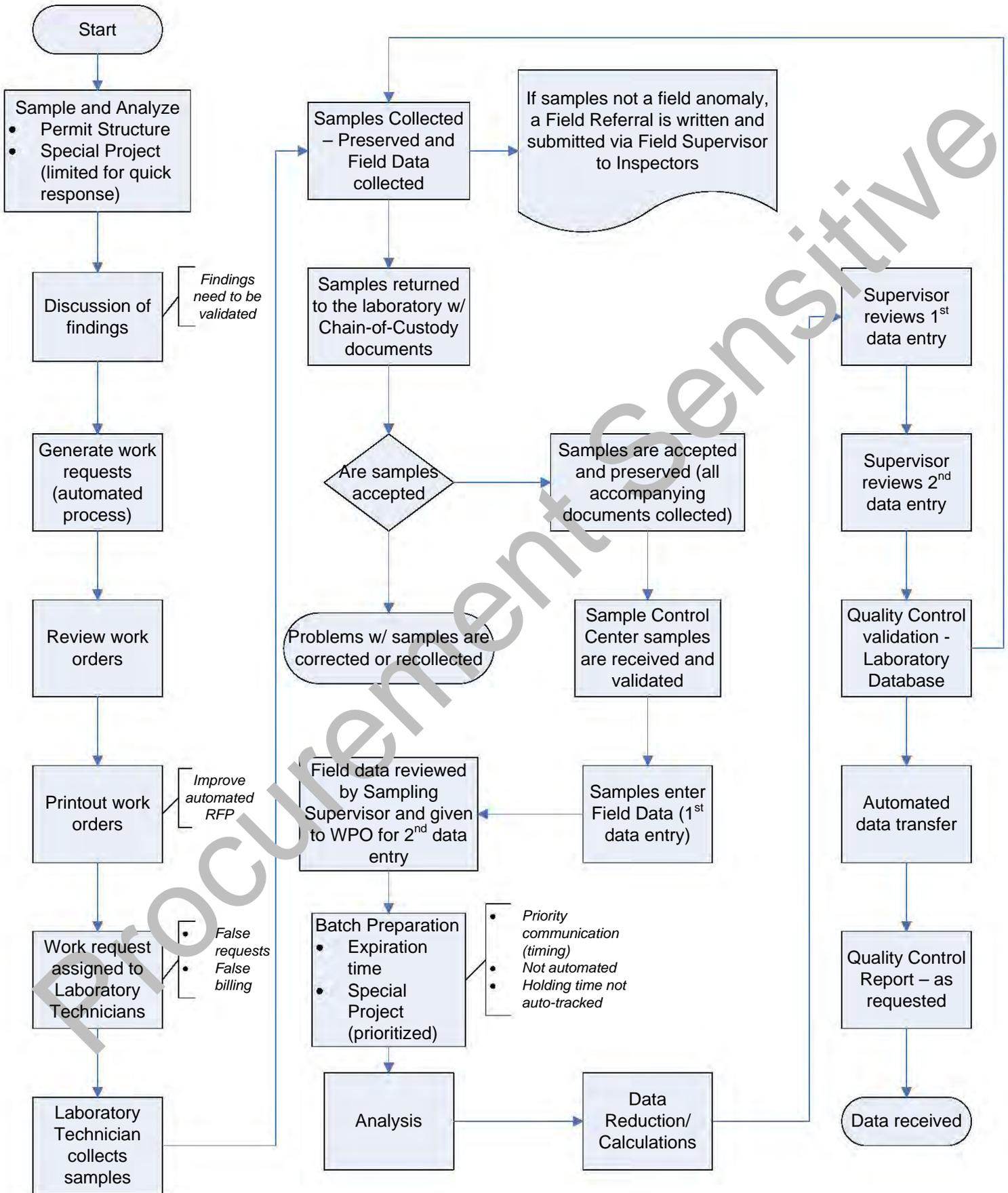
Procurement Sensitive



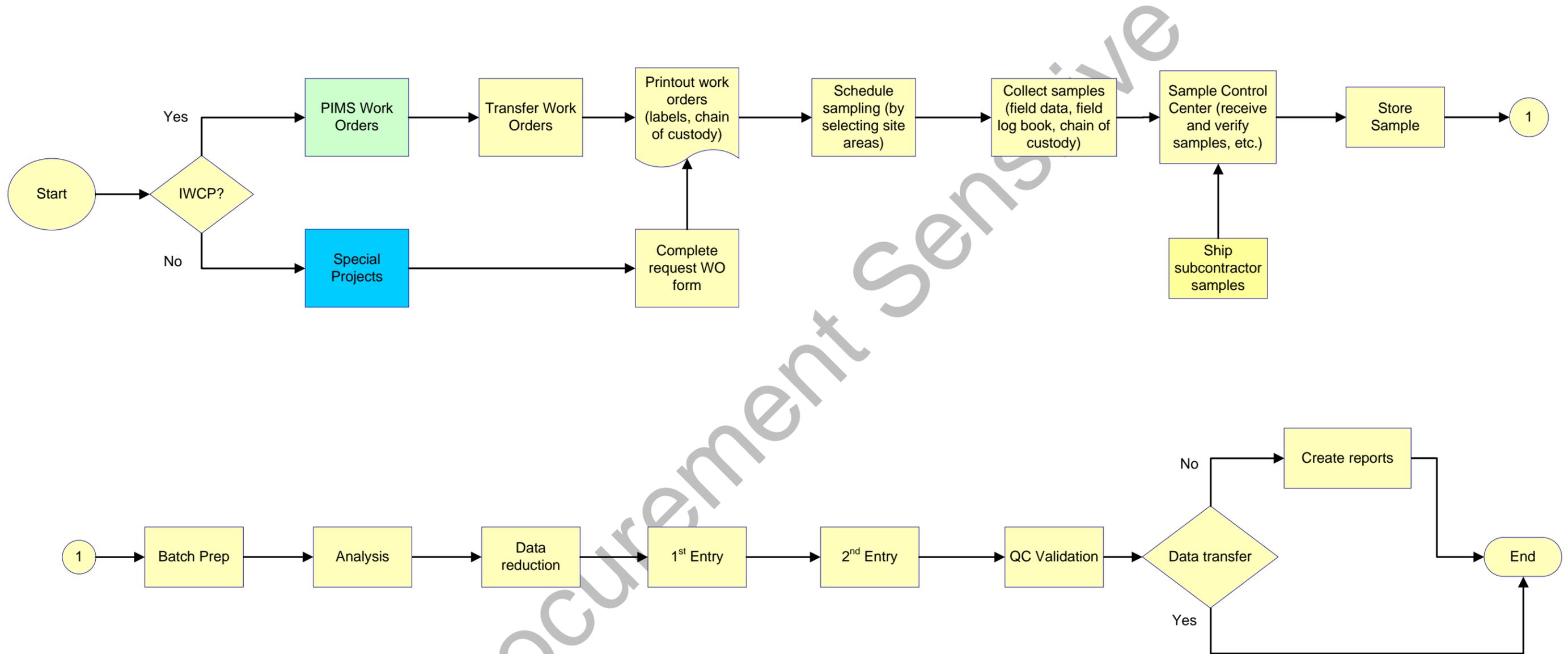
# EMTS Contract In-Sourcing



# - Draft - EMTS Laboratory Services



**- Draft -  
High Level PIMS-LIMS-PIMS  
As-Is Process**

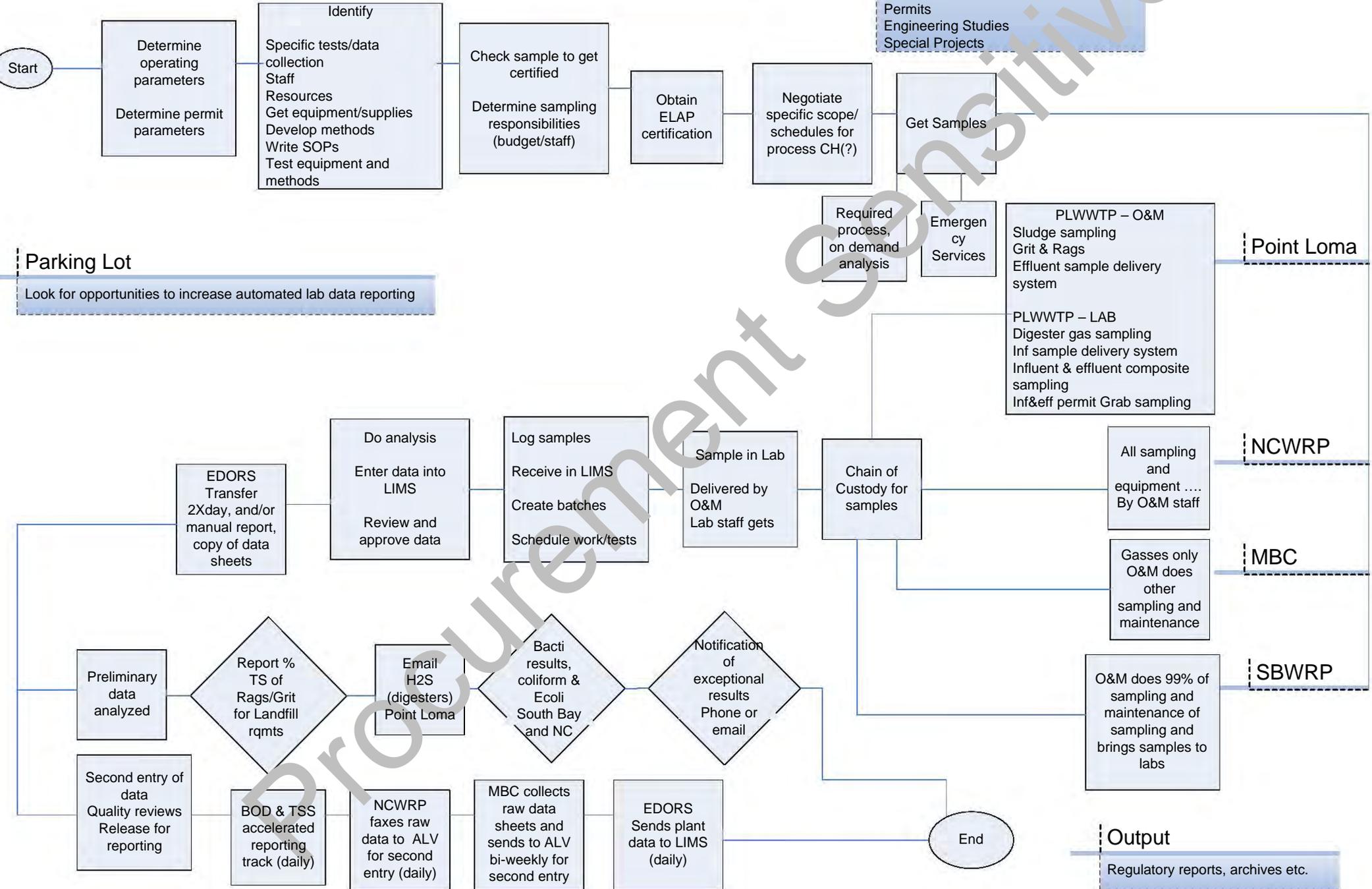


# - Draft - EMTS Process Control As-Is

Tuesday, August 22, 2006

## Inputs/Boundaries/Drivers

- 4 Plants
- Major Pump Stations
- Collection Systems (limited)
- Benchmark Best Practice
- Permits
- Engineering Studies
- Special Projects



## Parking Lot

Look for opportunities to increase automated lab data reporting

Point Loma

NCWRP

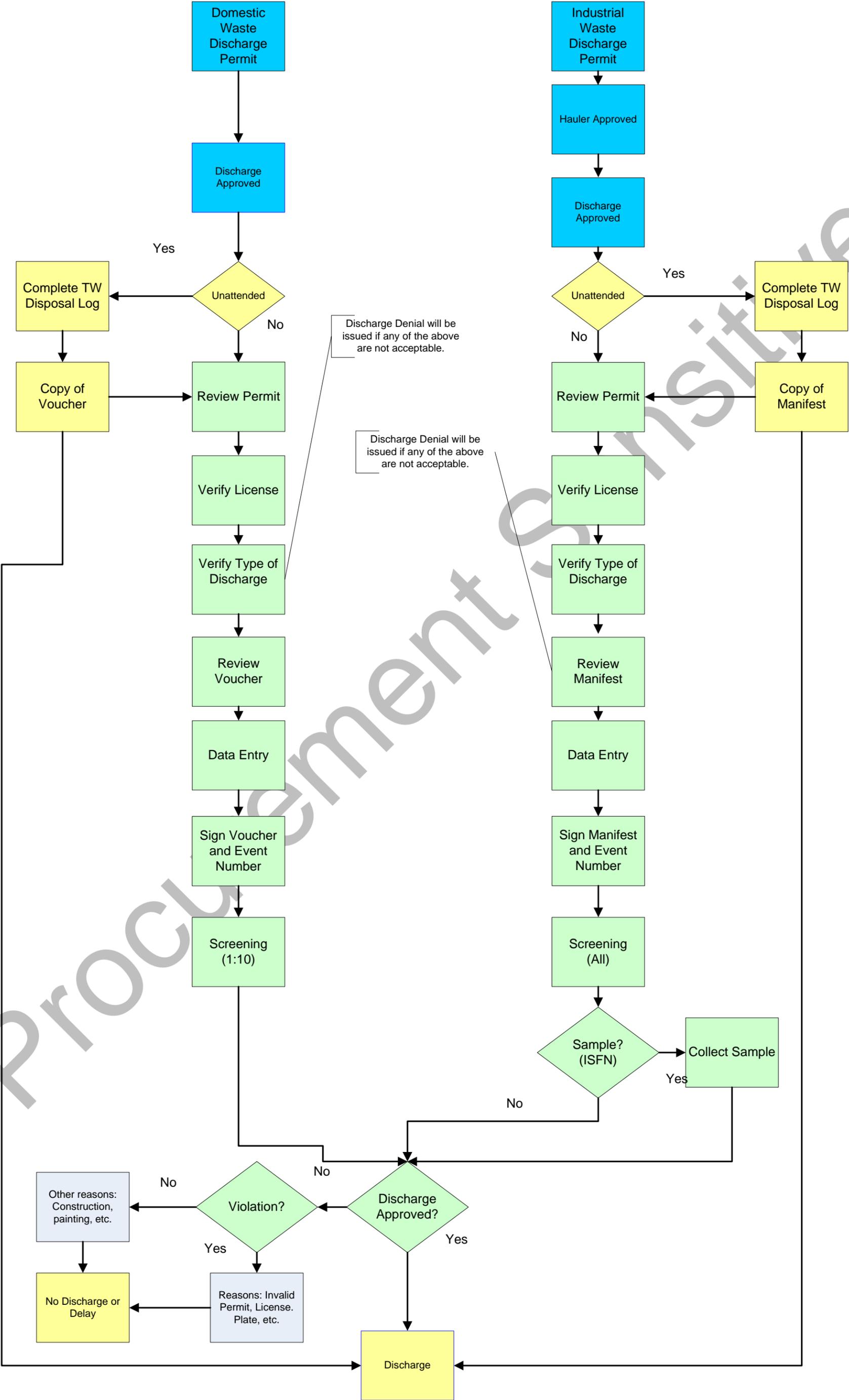
MBC

SBWRP

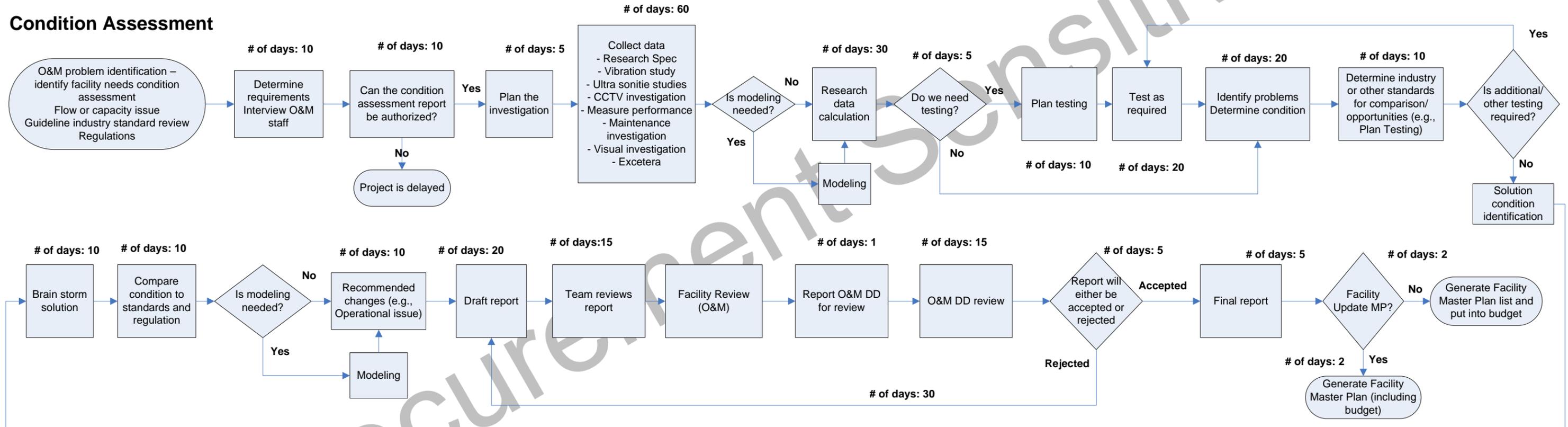
## Output

Regulatory reports, archives etc.

# - Draft - High Level Trucked Waste As-Is Process



## Condition Assessment



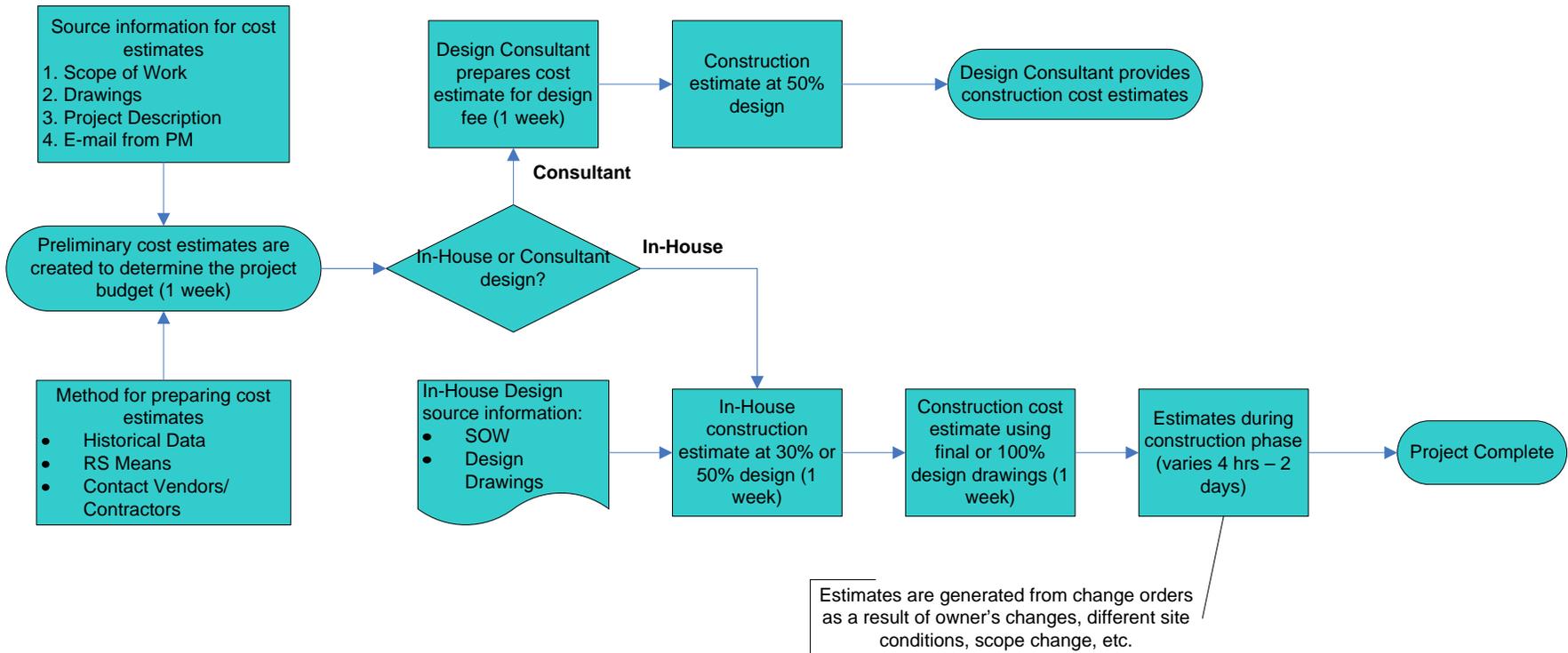
## Metro Planning Considerations

- The chart above shows a typical procedure followed when preparing a condition assessment report for a Major Facility.
- The project engineer may elect to eliminate some of the steps in the process depending on the project or facility size.
- The magnitude and resources allocated for the project determine/influence the steps and complexity of the process.

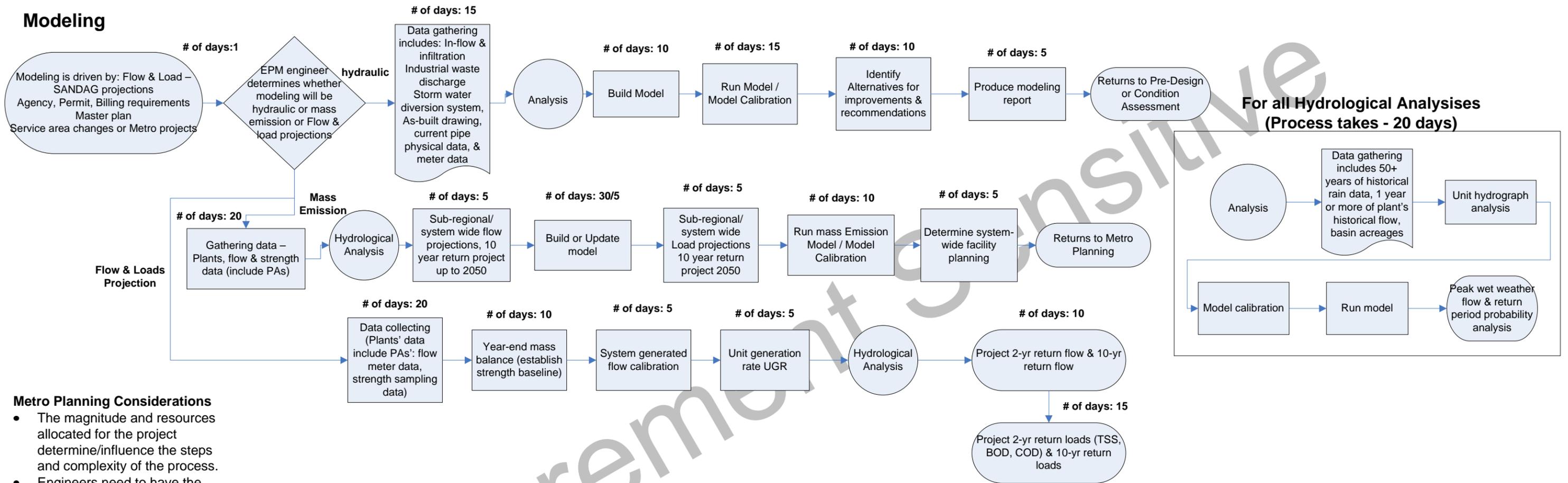
## - Draft - EPM – Cost Estimating



## - Draft - CIP Cost Estimating



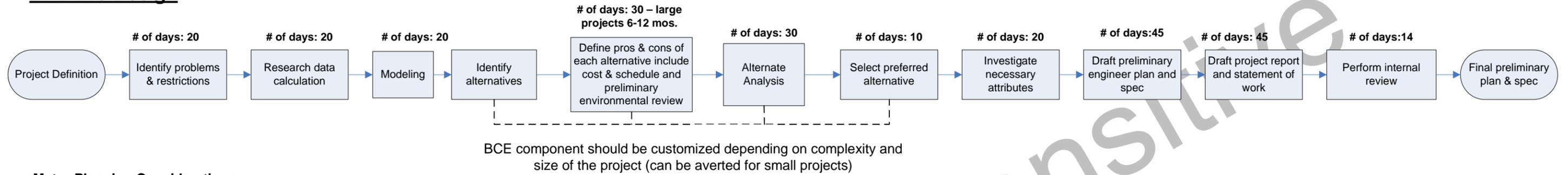
## Modeling



### Metro Planning Considerations

- The magnitude and resources allocated for the project determine/influence the steps and complexity of the process.
- Engineers need to have the authority to utilize or neglect steps in each process.

## EPM Pre-Design

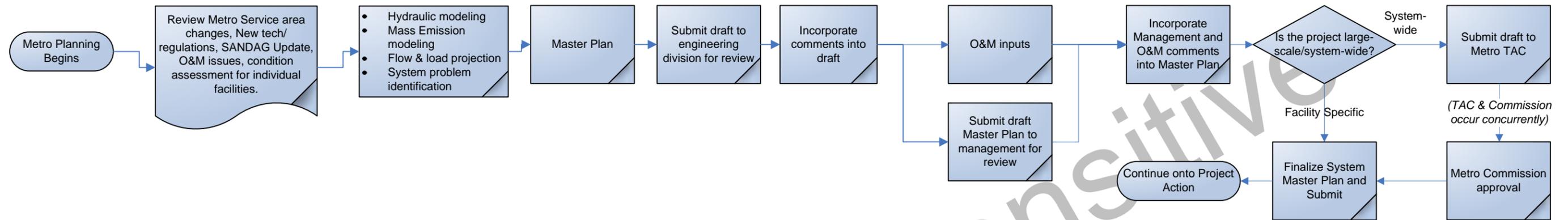


### Metro Planning Considerations

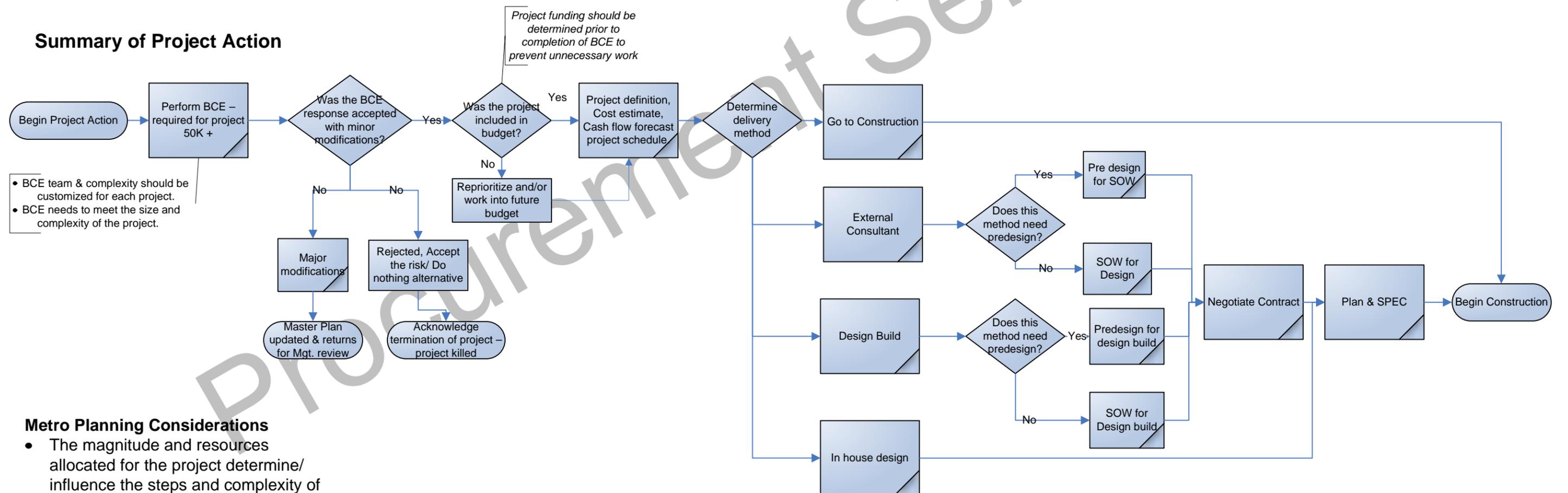
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- Engineers need to have the authority to utilize or neglect steps in each process.

Procurement Sensitive

## Master Plan Development



## Summary of Project Action

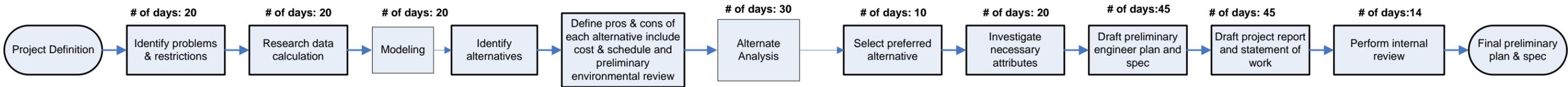


### Metro Planning Considerations

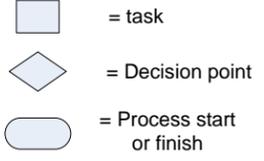
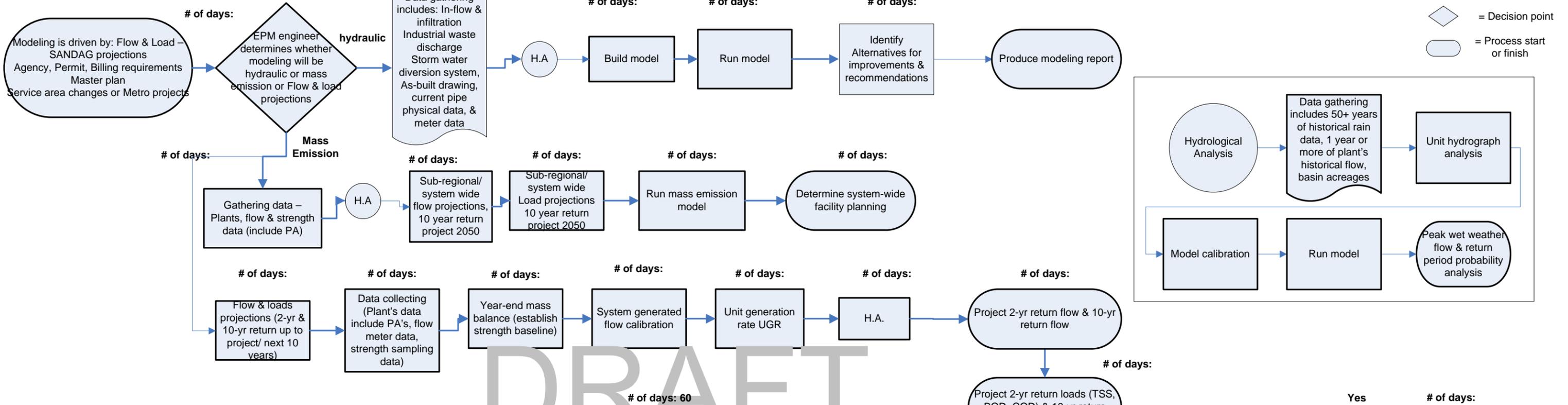
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- Engineers need to have the authority to utilize or neglect steps in each process.

### EPM METRO PLANNING PROCESS MAPS

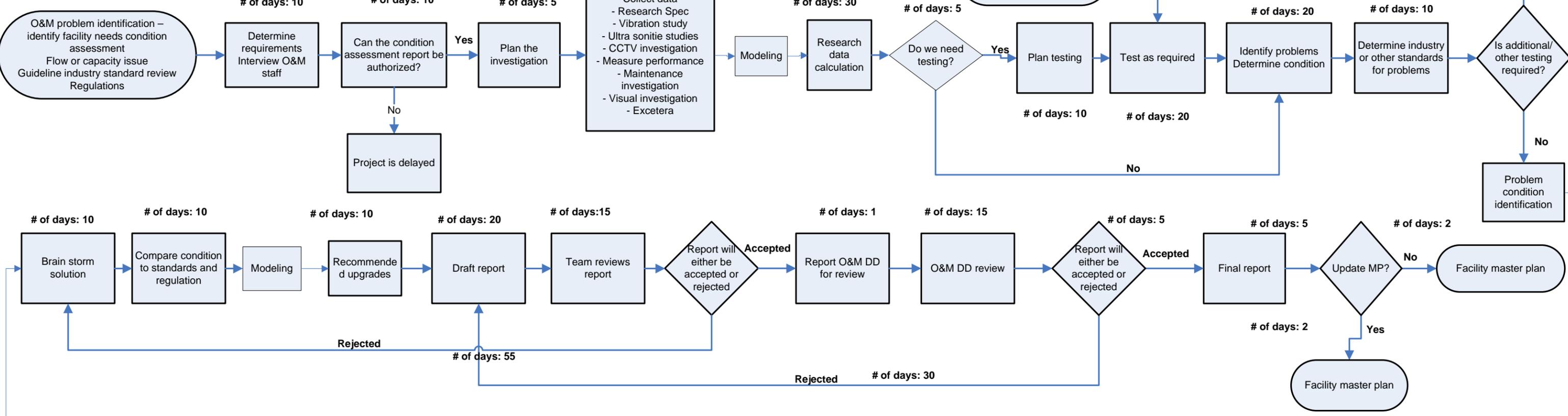
#### EPM Pre-design



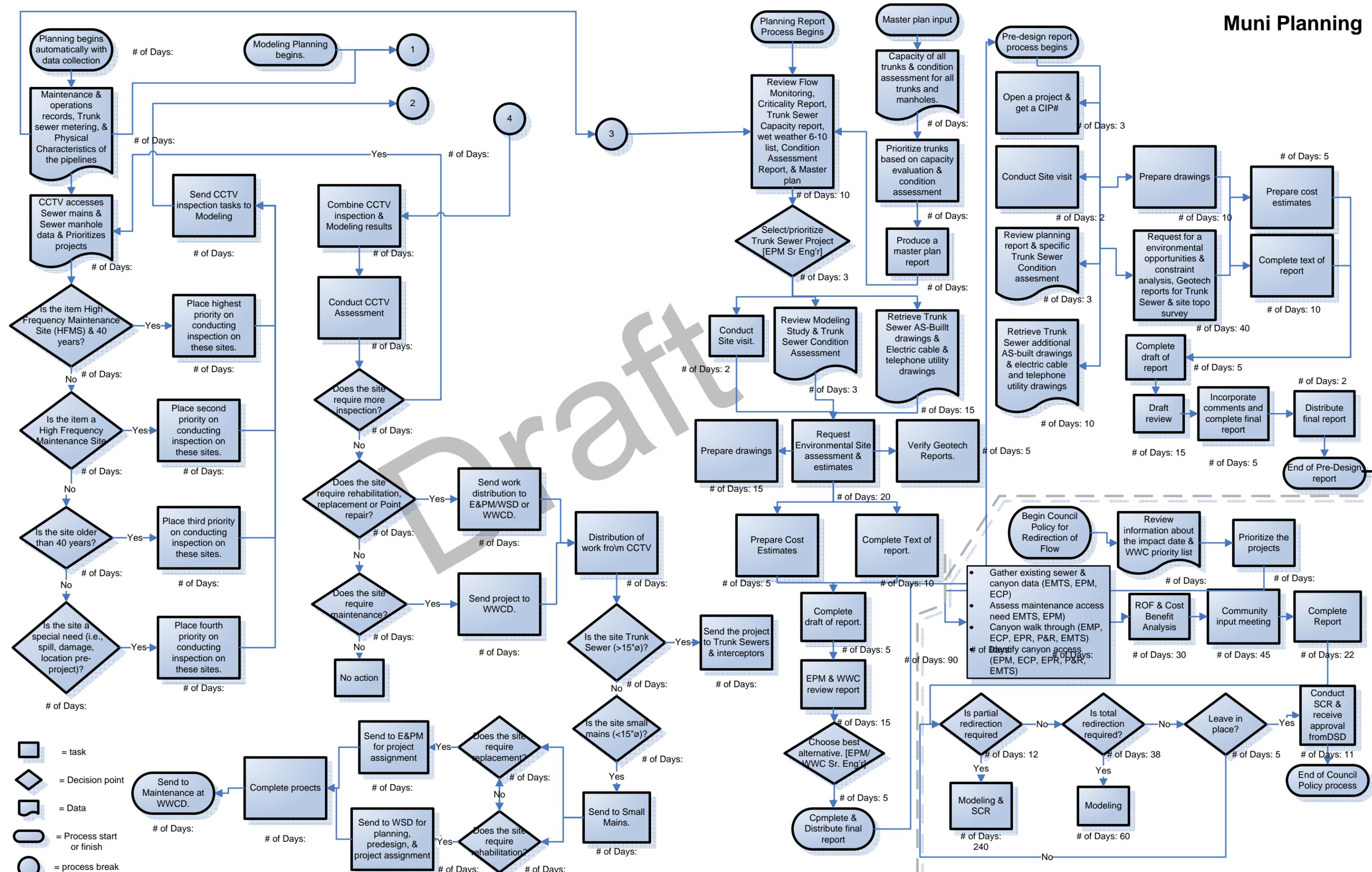
#### Modeling



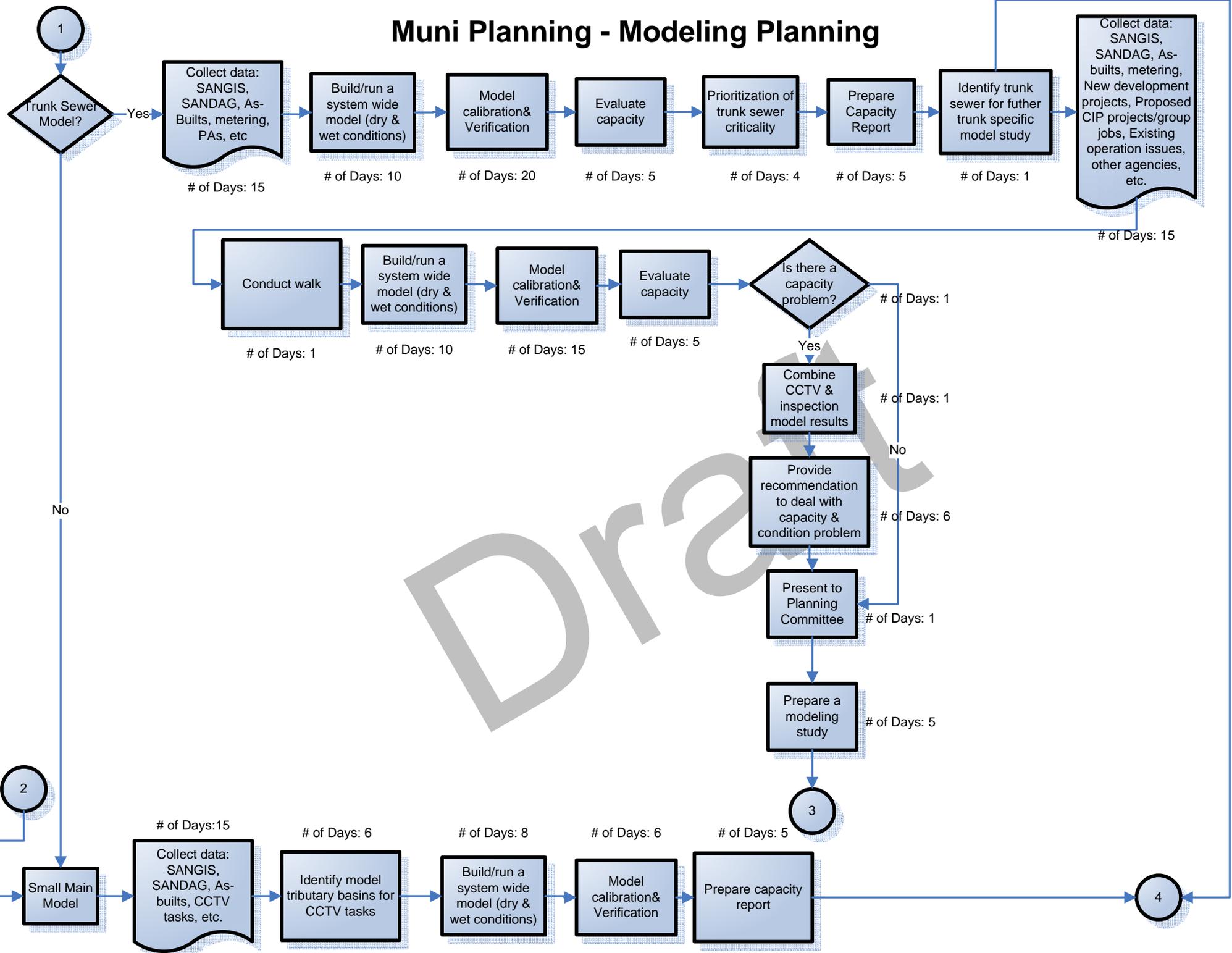
#### Condition Assessment



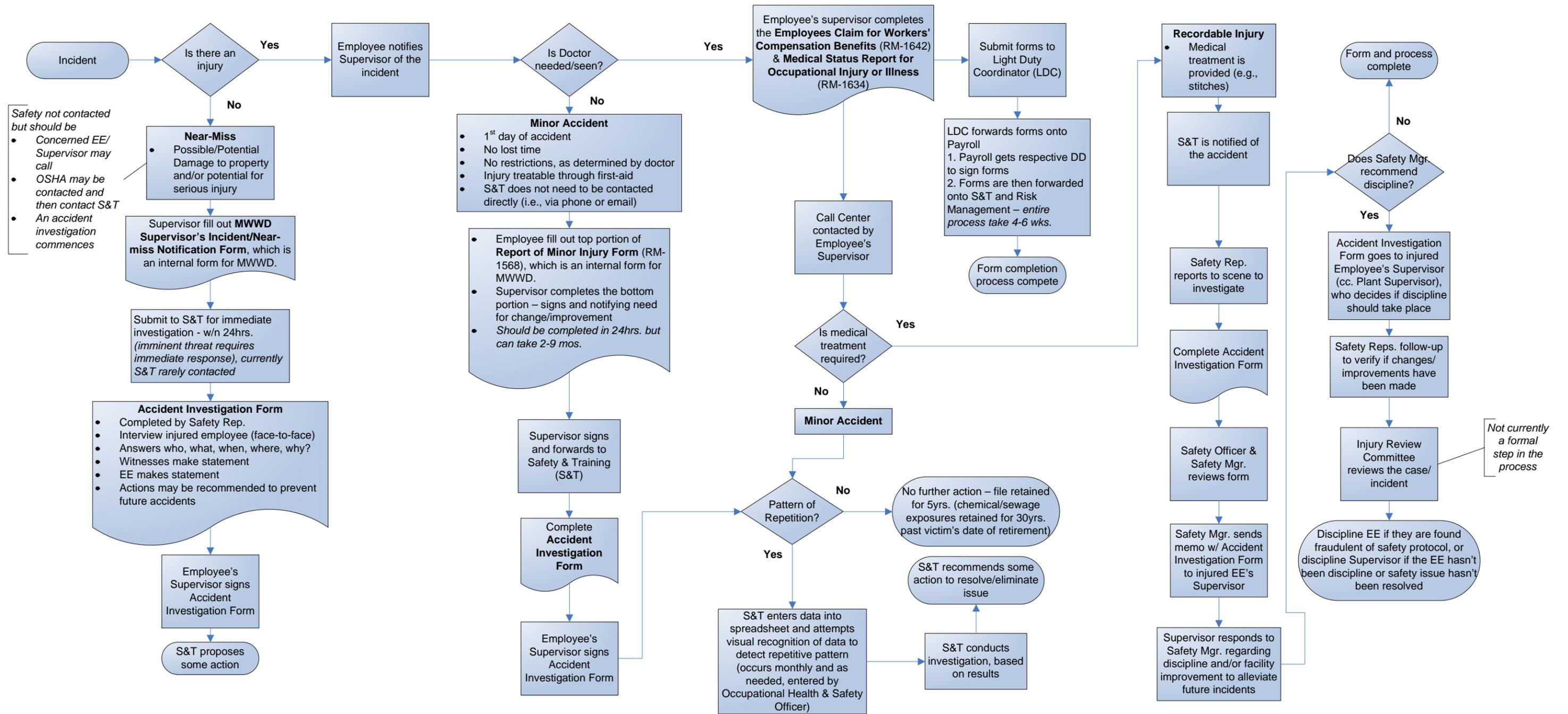
# Muni Planning



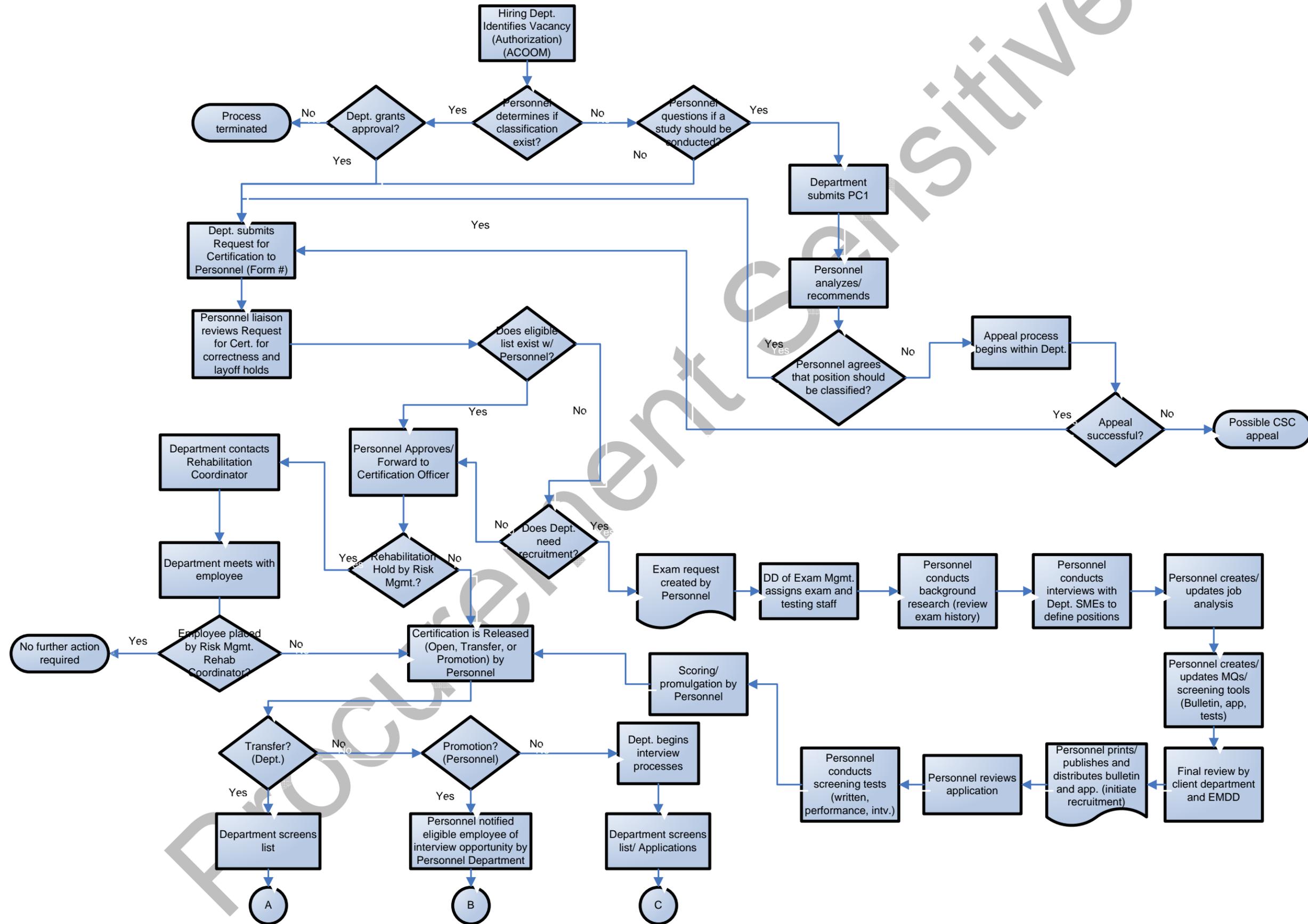
# Muni Planning - Modeling Planning

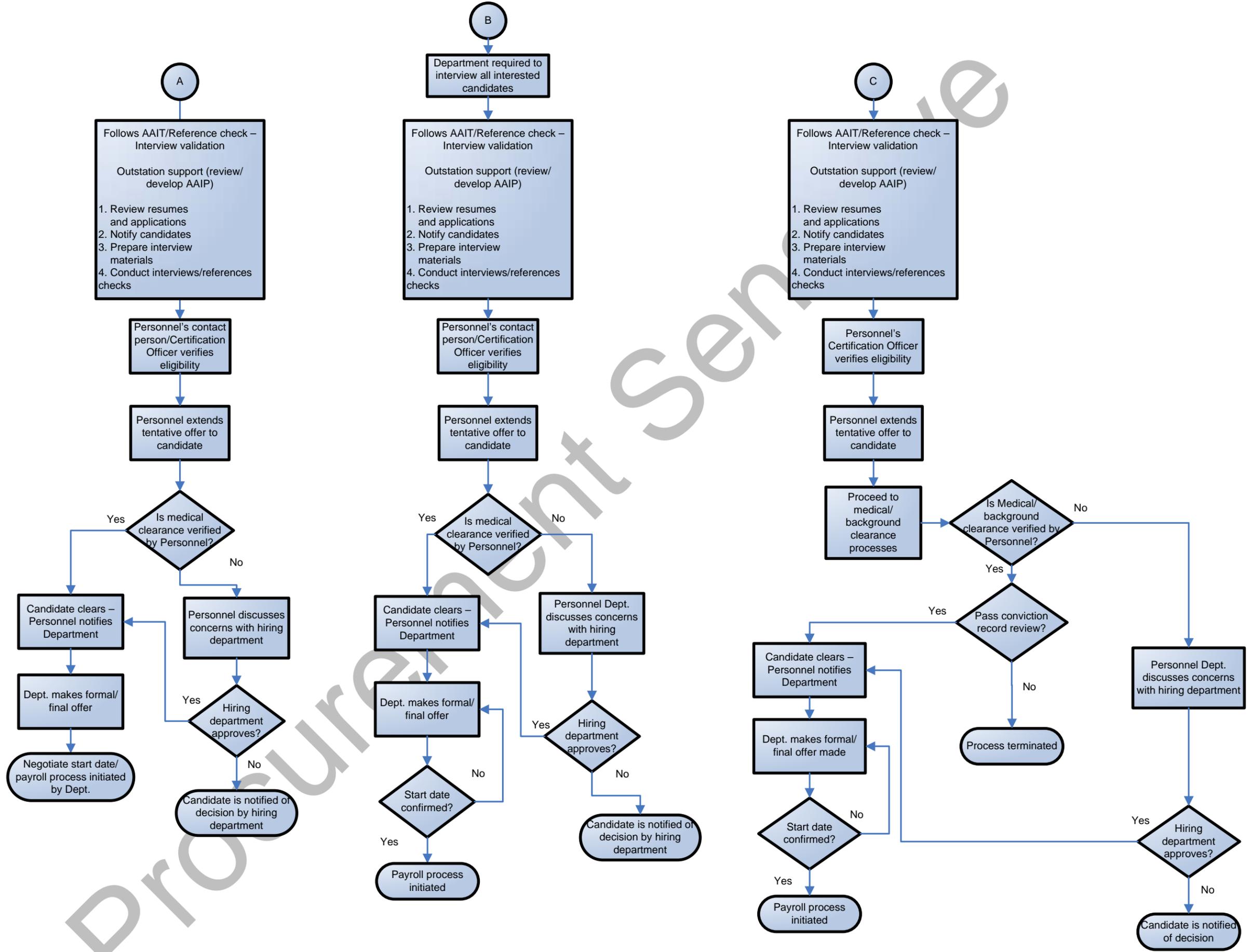


# - Procurement Sensitive - S&T As-Is Accident Investigation

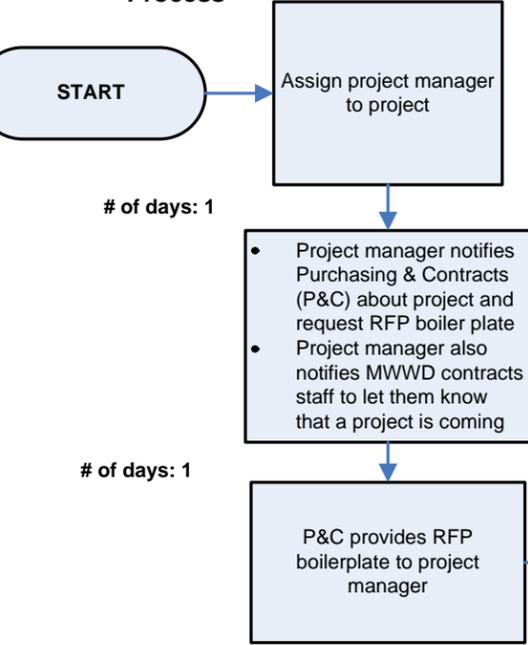


- Draft -  
City/MWWD Hiring Process

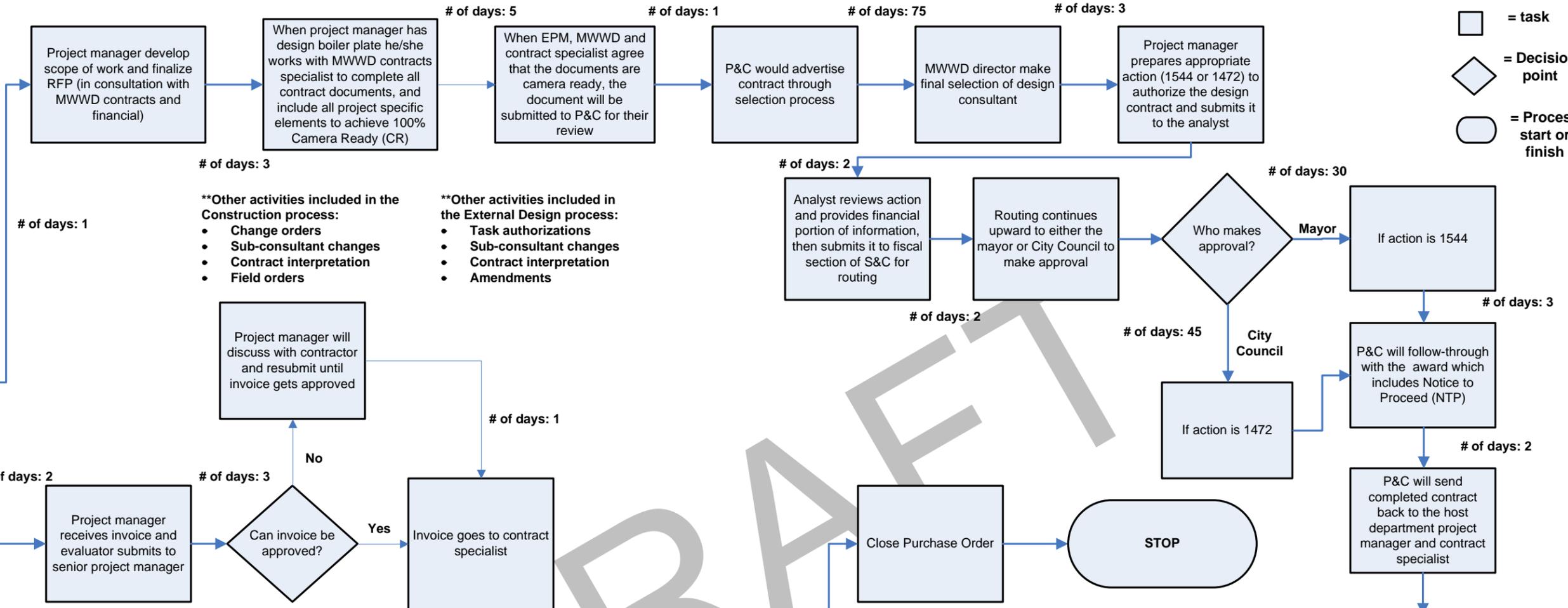




**External Consultant Design Process**

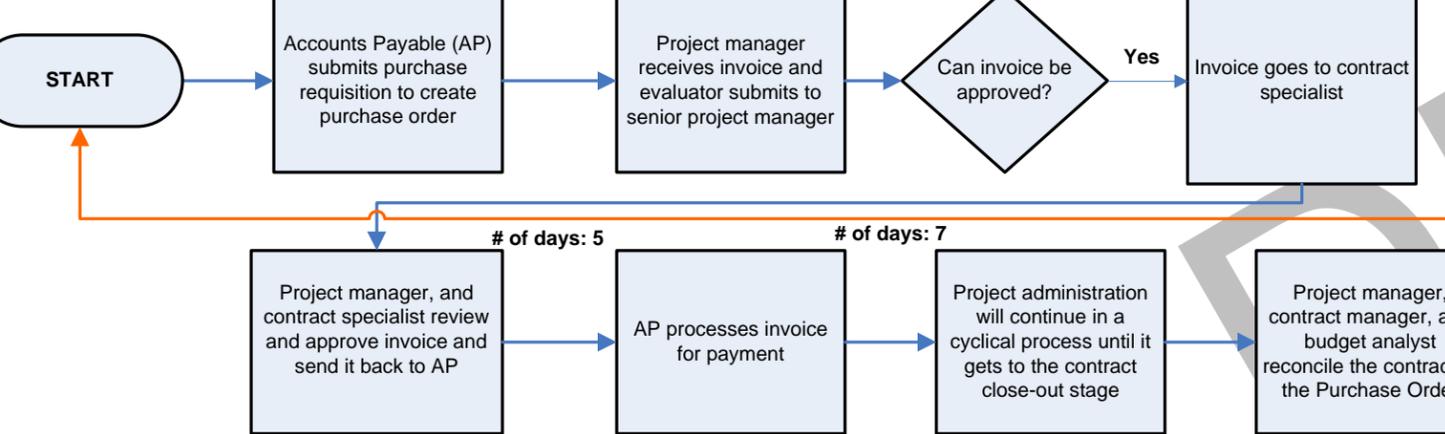


**S&C Contracts Process**

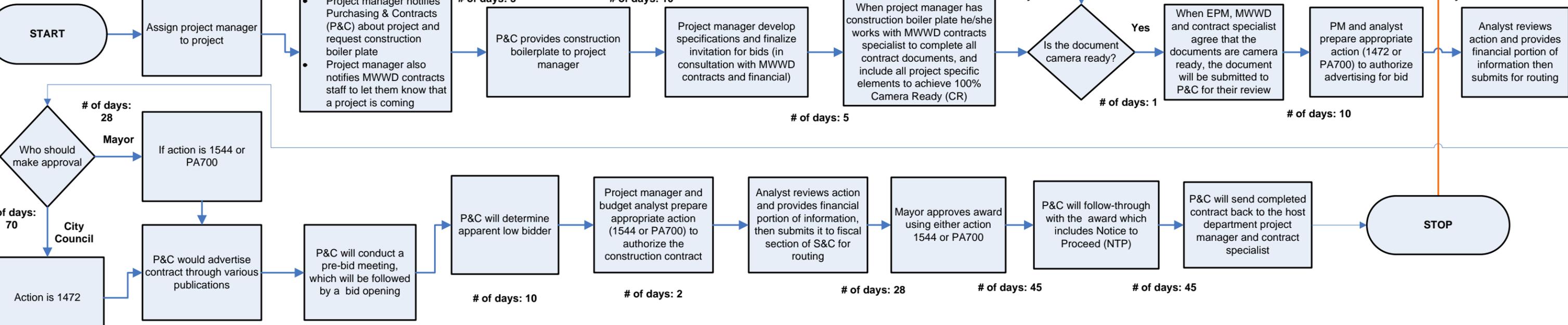


□ = task  
 ◇ = Decision point  
 ○ = Process start or finish

**Post-Award Construction Process**

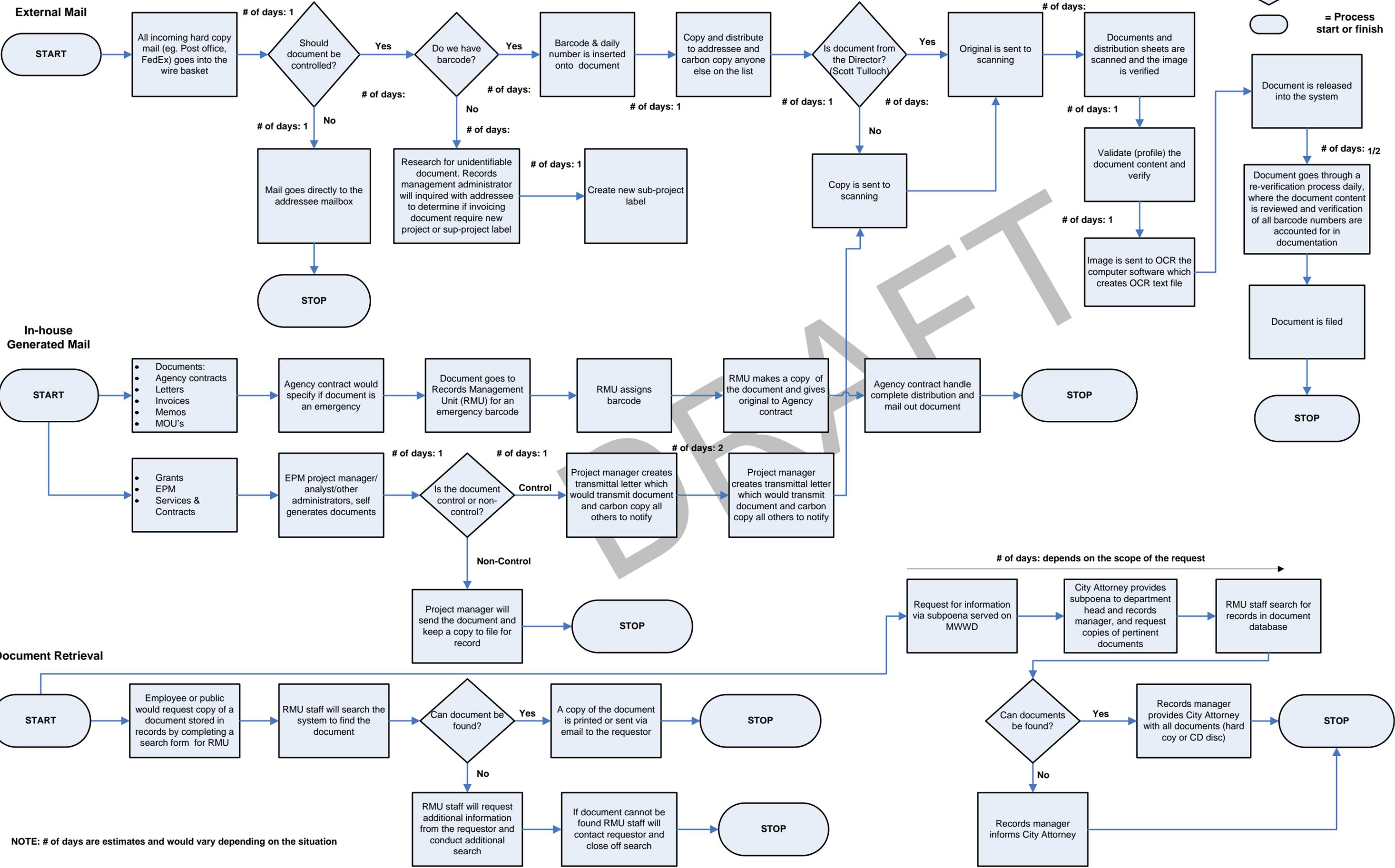
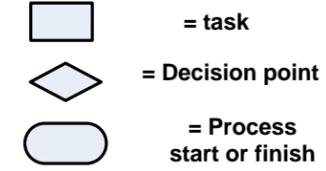


**Pre-Award Construction Process**



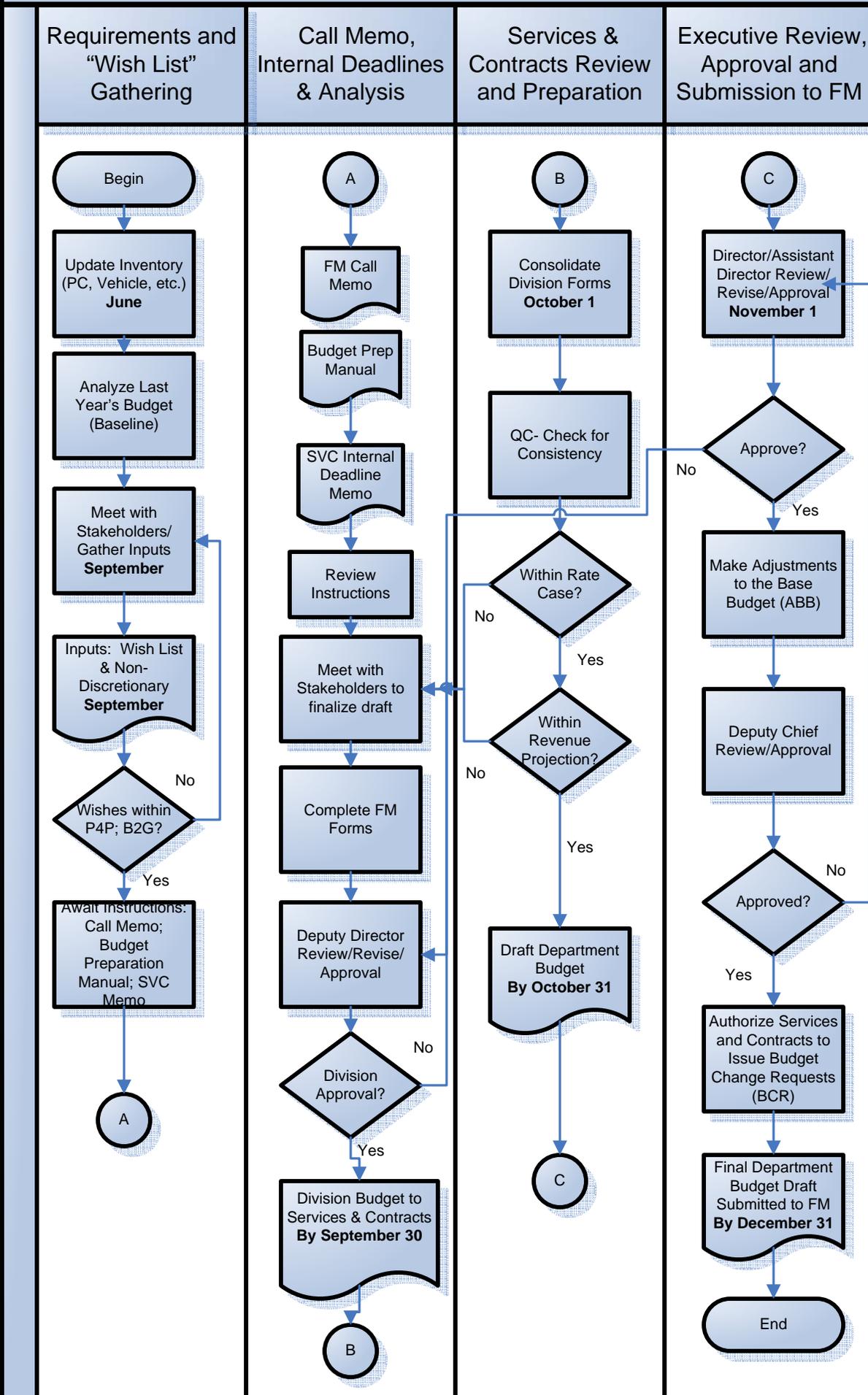
NOTE: Timelines are averages and would vary depending on the situation

### S&C Records Management Support Services Process

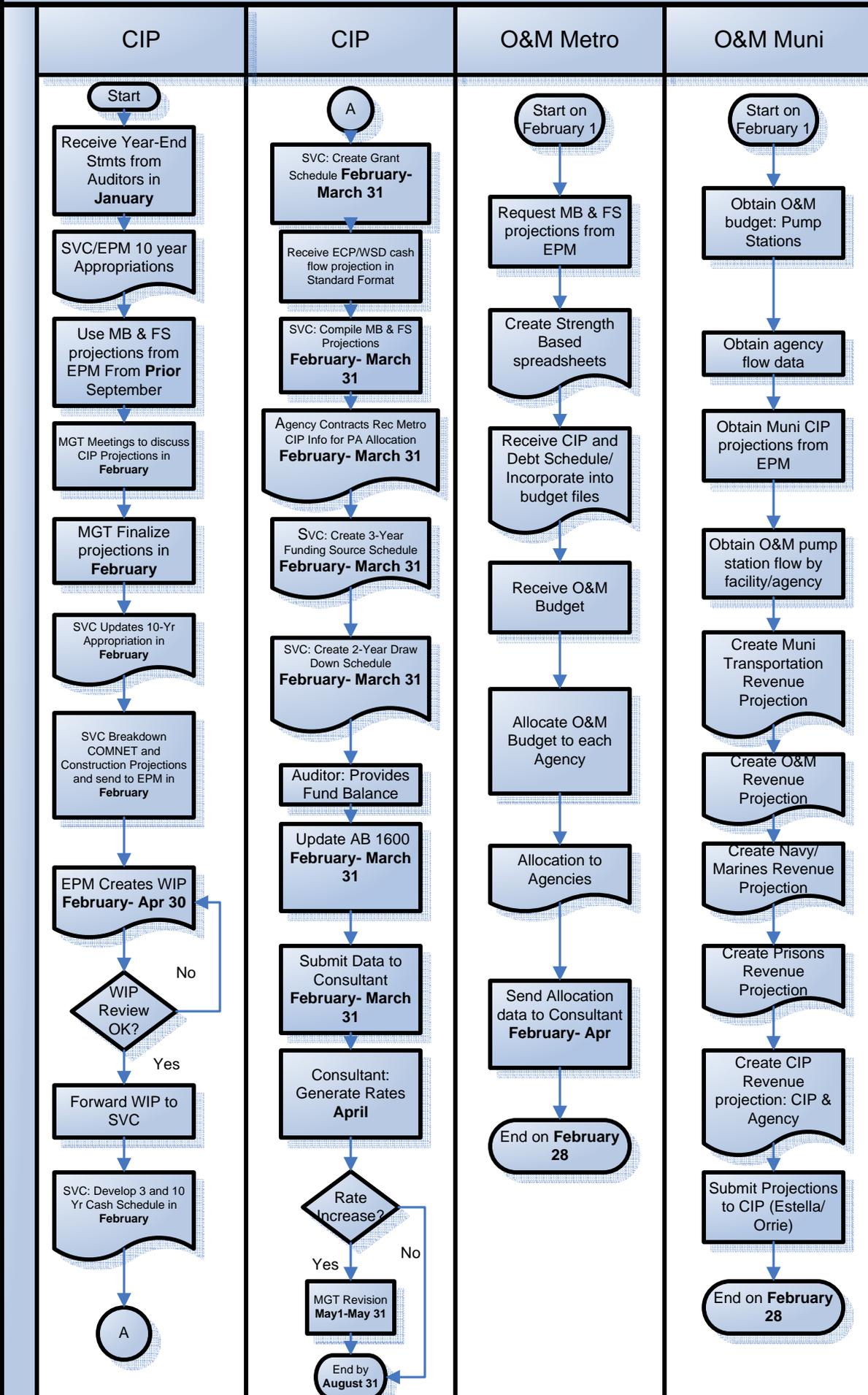


NOTE: # of days are estimates and would vary depending on the situation

# Operating Budgeting Process: *Procurement Sensitive*



# Rate Case Process - *Draft Procurement Sensitive*

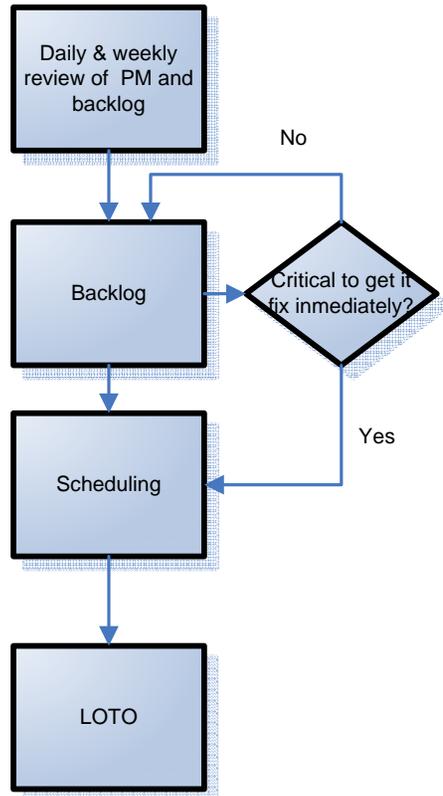


# DRAFT

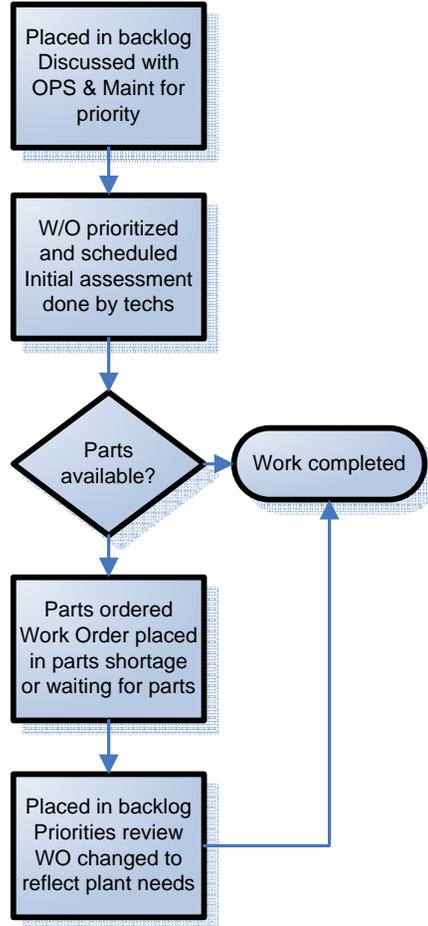
## O & M Backlog Process Mapping

See Work Order  
Process Mapping

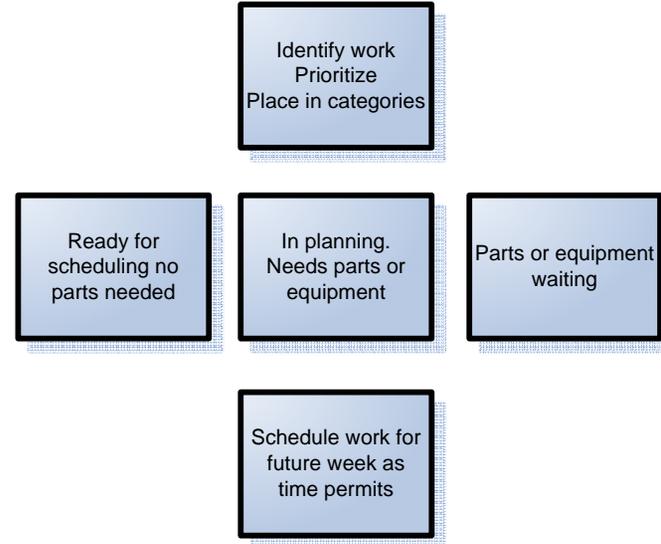
### POINT LOMA



### SOUTH BAY



### MBC

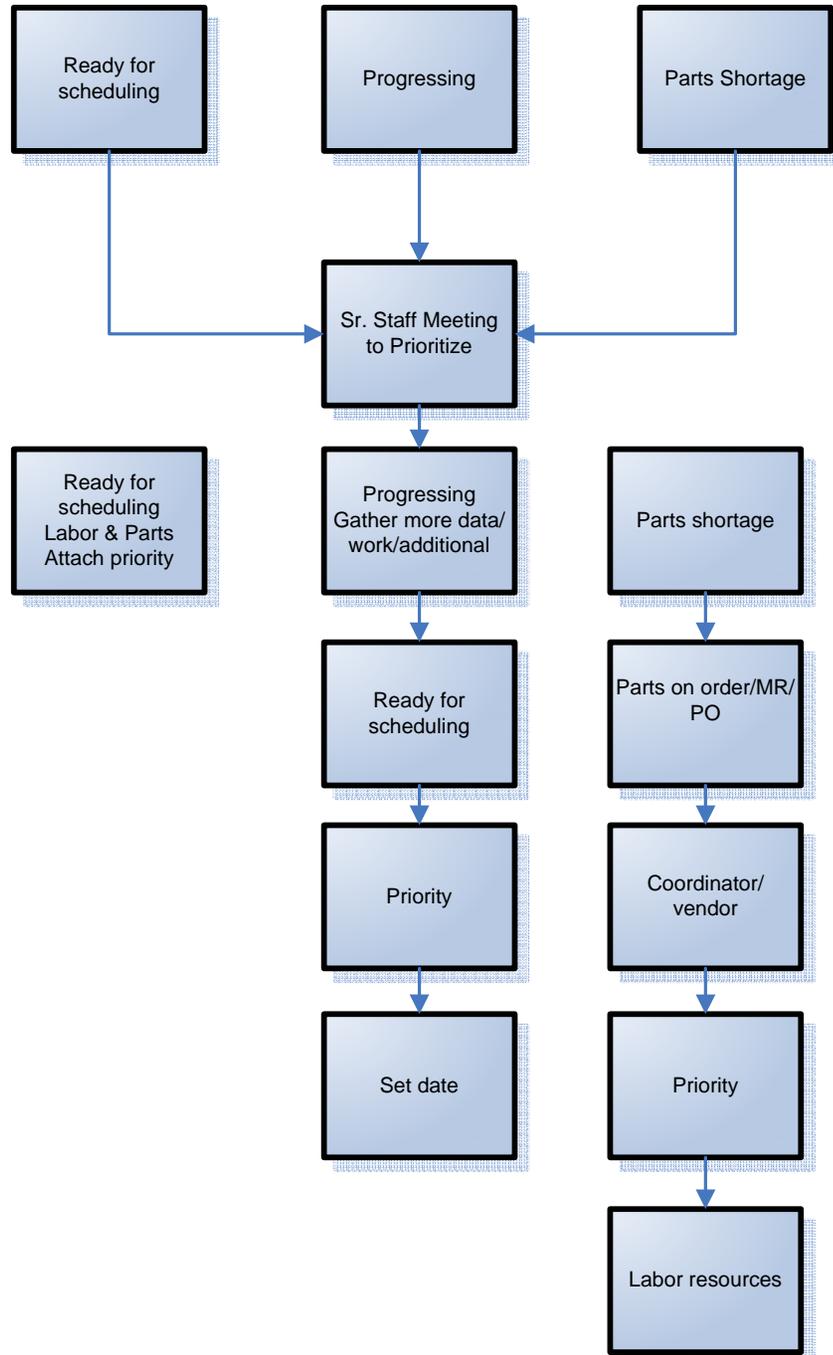


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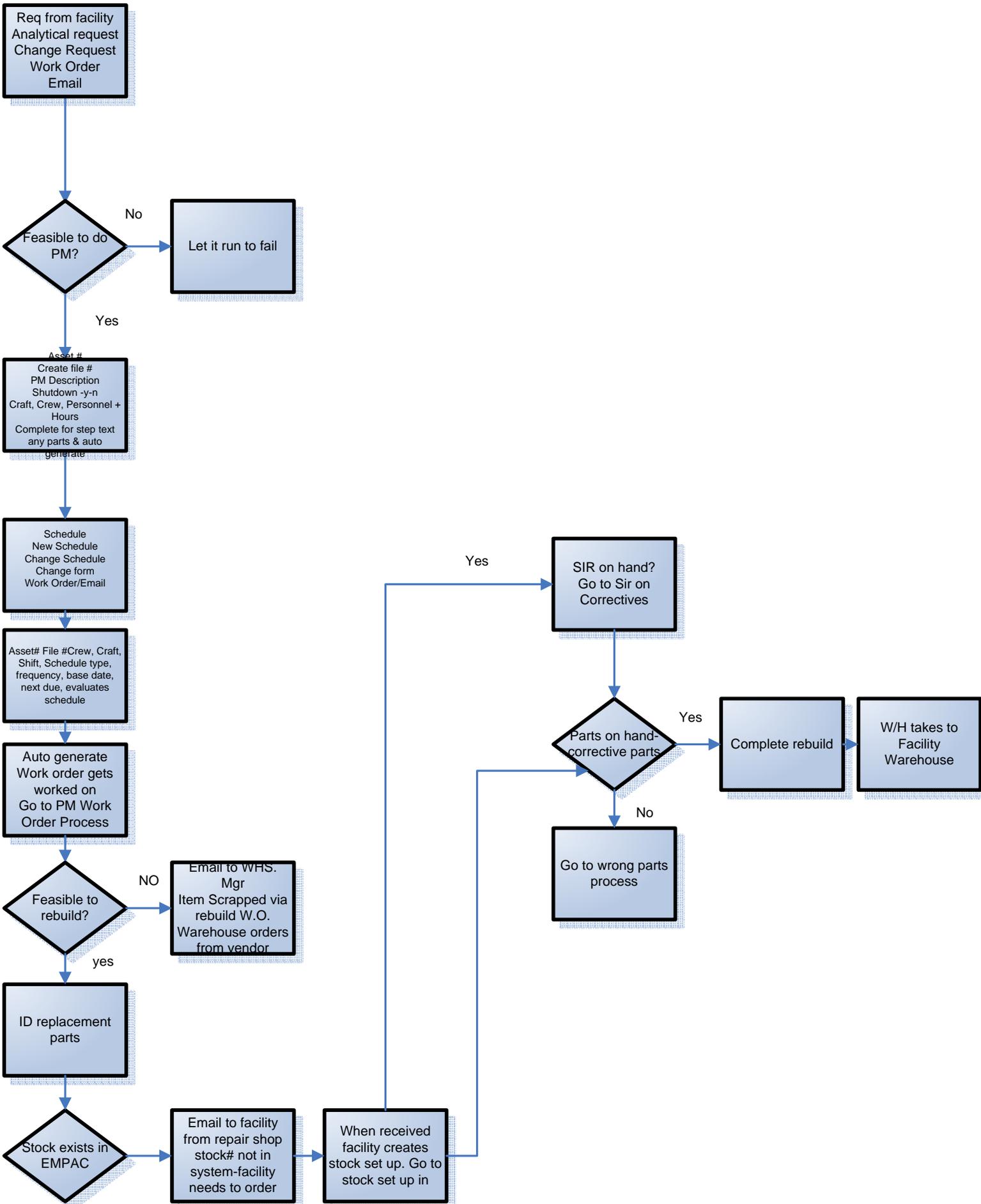
## O & M Backlog Process Mapping

Please see  
Work Order  
Mapping  
Process

NORTH CITY



**DRAFT  
O & M EMPAC  
DATABASE PM NEW/MODIFY**



DRAFT  
DATABASE  
NEW/CHANGE ASSET O & M

