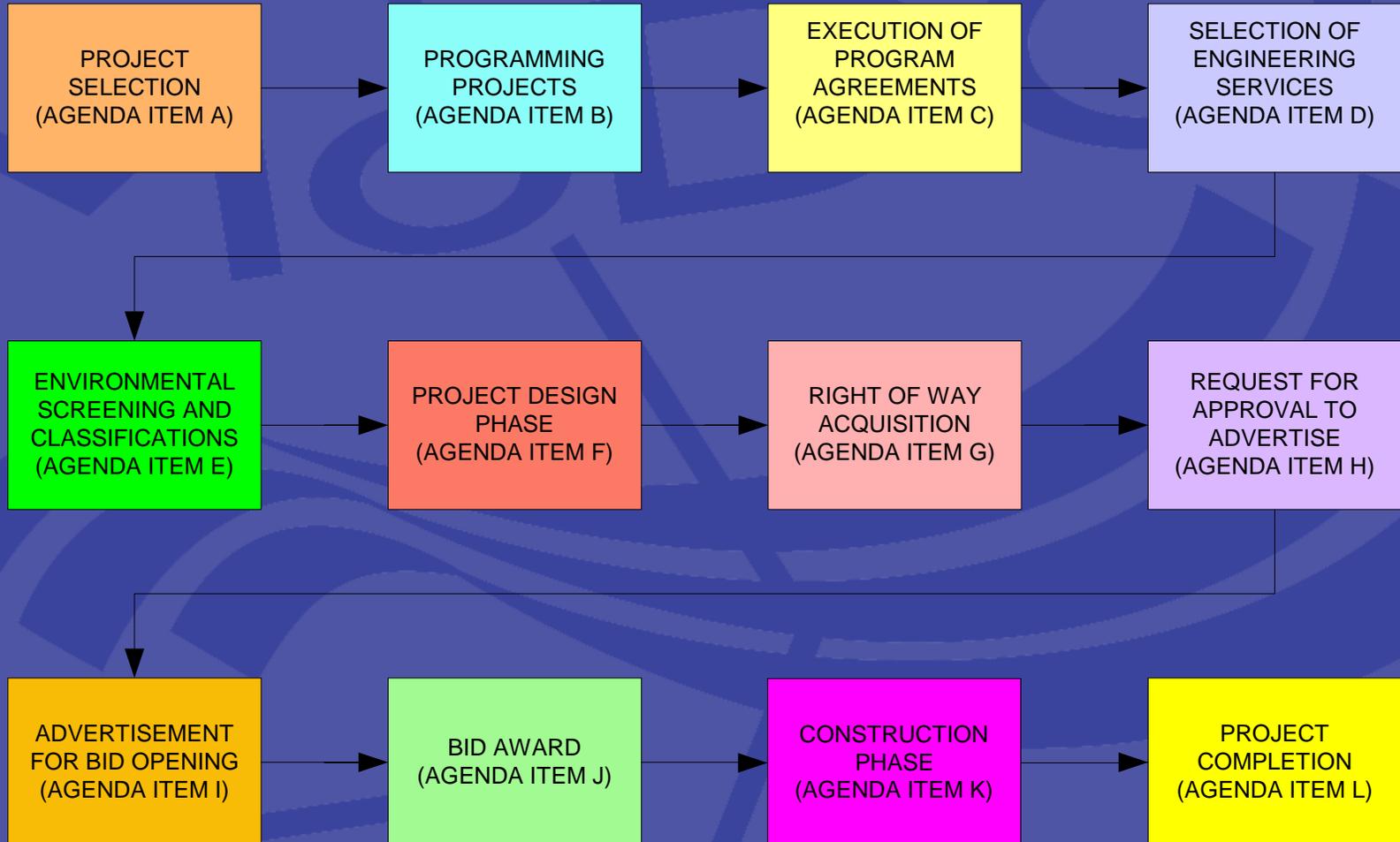


ARRA LPA Workshop Project Delivery Process

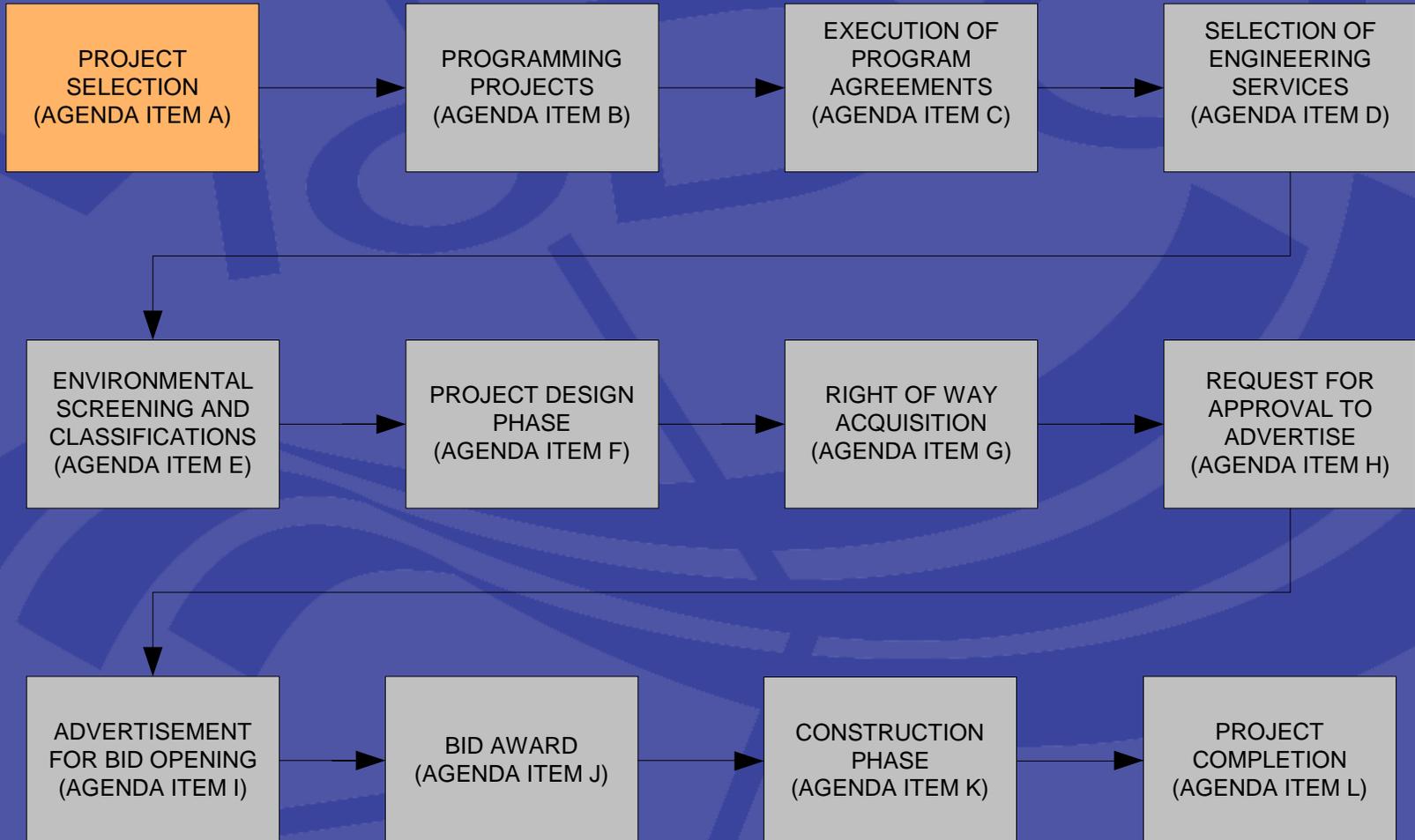
June 10, 2009

Missouri Department
of Transportation

PROJECT DELIVERY PROCESS



PROJECT DELIVERY PROCESS

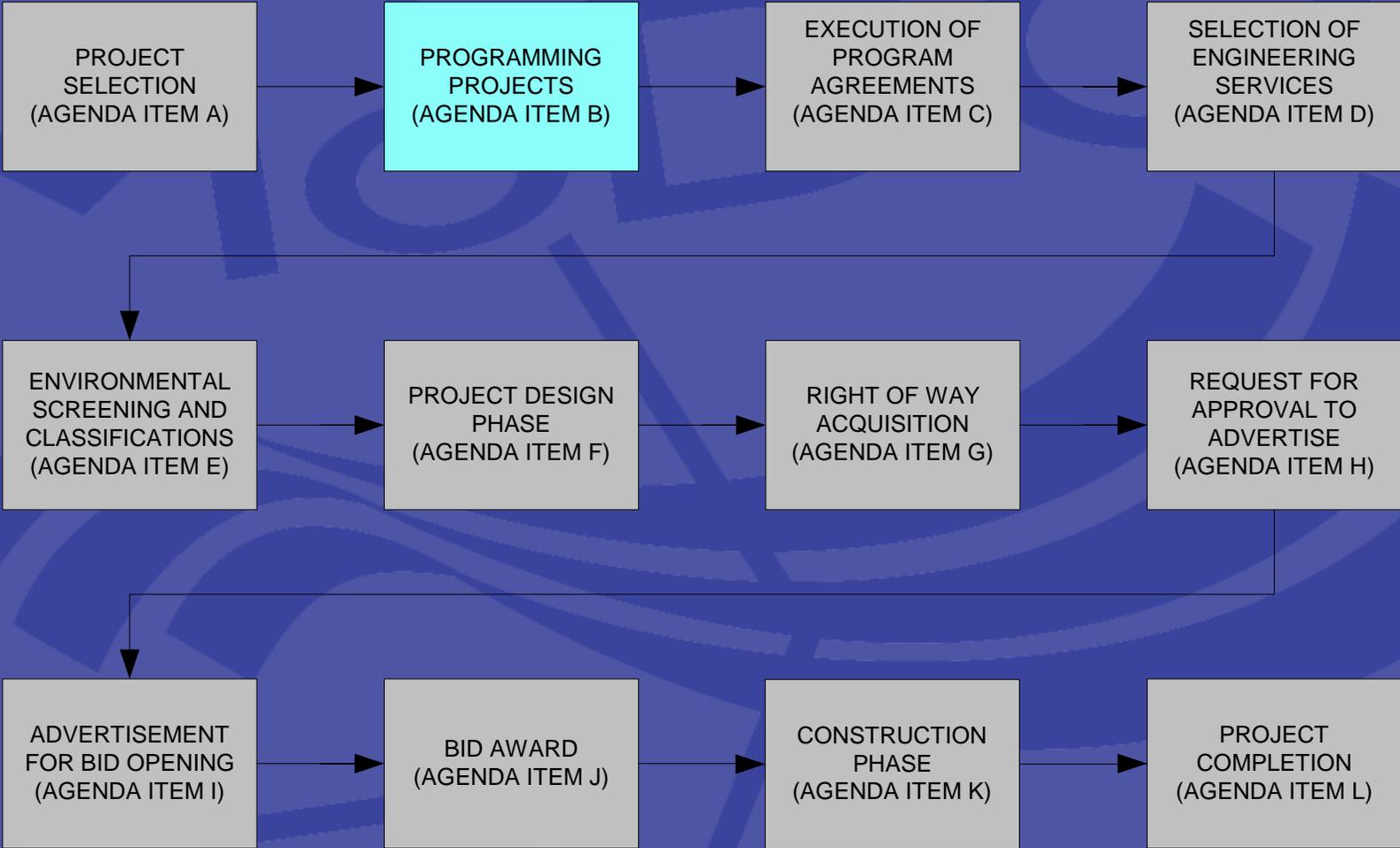


Project Selection

- Transportation Enhancement Program
- STP Sub-Allocated Program

**You are not ready to
spend any money!!!**

PROJECT DELIVERY PROCESS

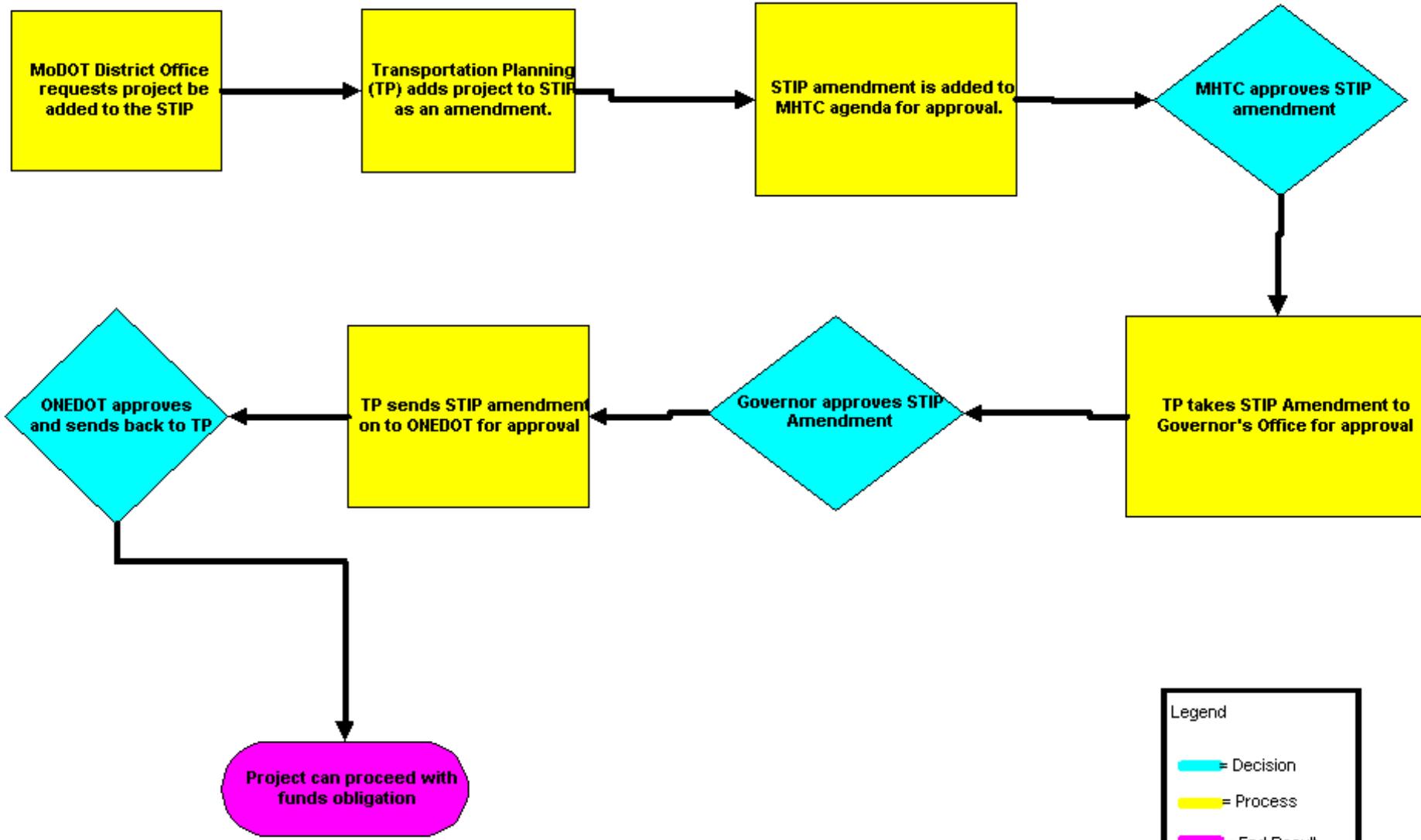


Programming Projects

- STIP and TIP coordination
- Programming Data Form / TIP Application



Statewide Transportation Improvement Program (STIP) Approval Process
Statewide ARRA Local Public Agency Workshop
June 10, 2009

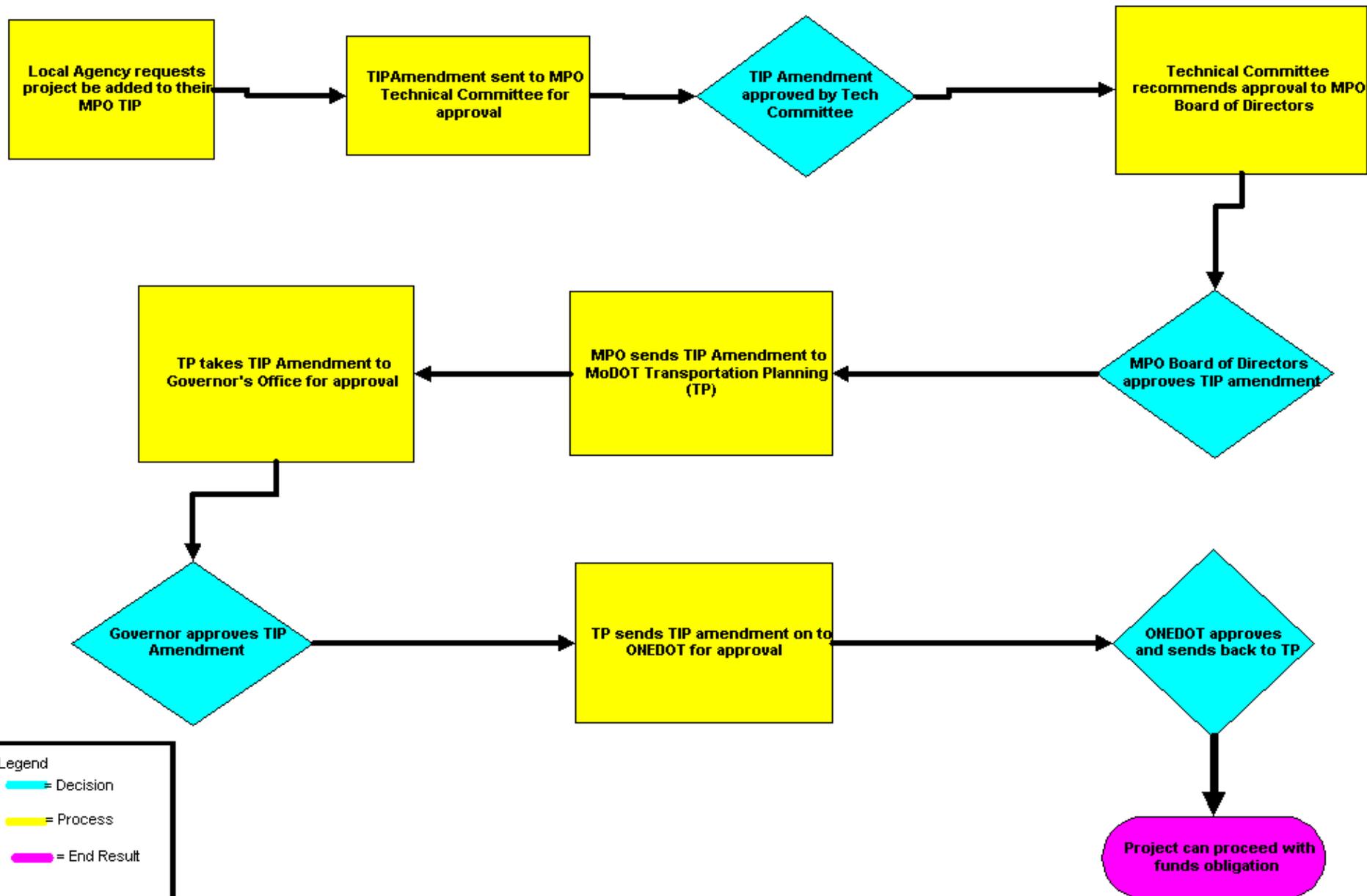


Legend

- Decision (Cyan diamond)
- Process (Yellow rectangle)
- End Result (Pink rounded rectangle)



Transportation Improvement Program (TIP) Approval Process
Statewide ARRA Local Public Agency Workshop
June 10, 2009

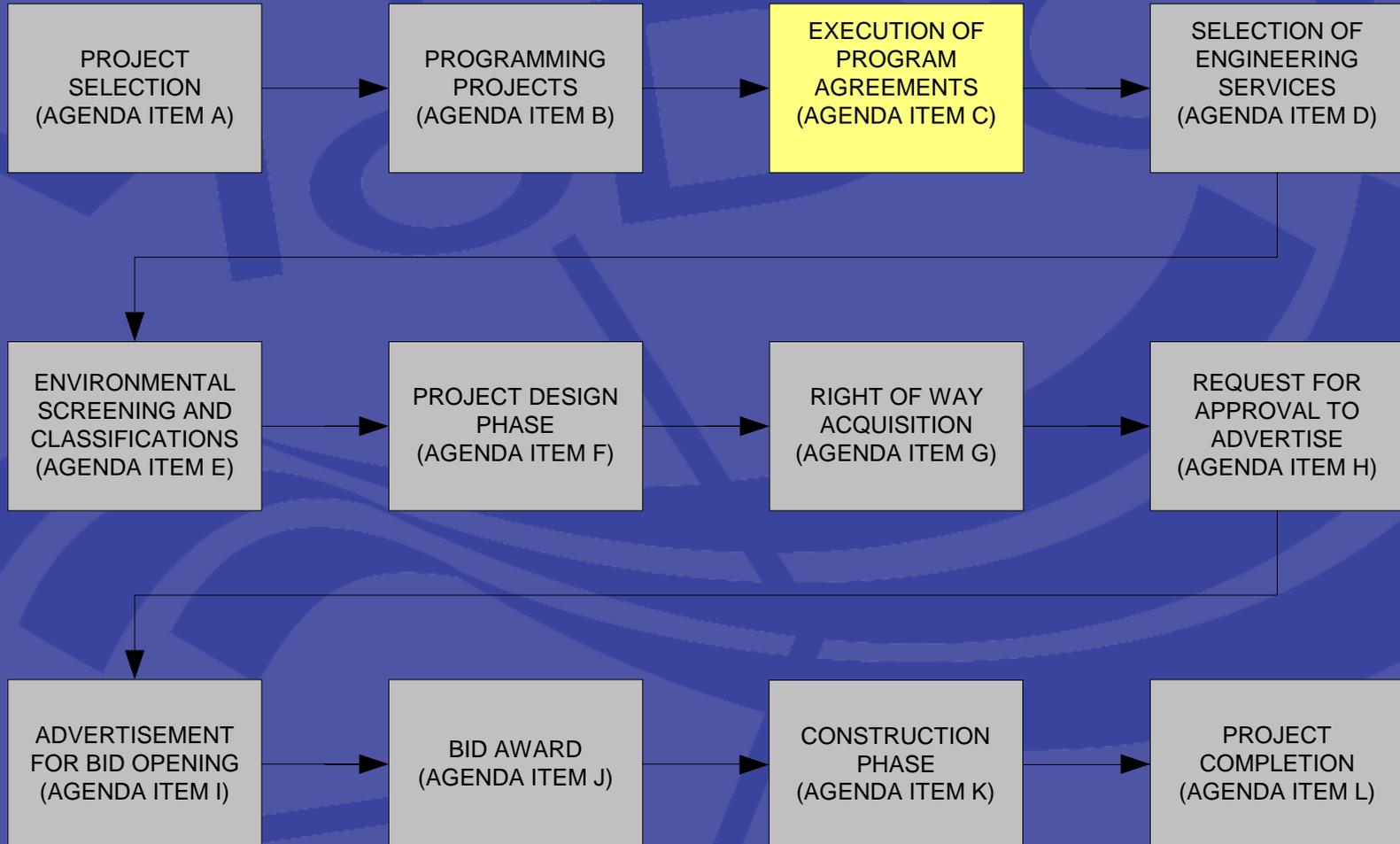


Programming Projects

- Programming Data Form or TIP Application

**You are still not ready to
spend any money!!!**

PROJECT DELIVERY PROCESS

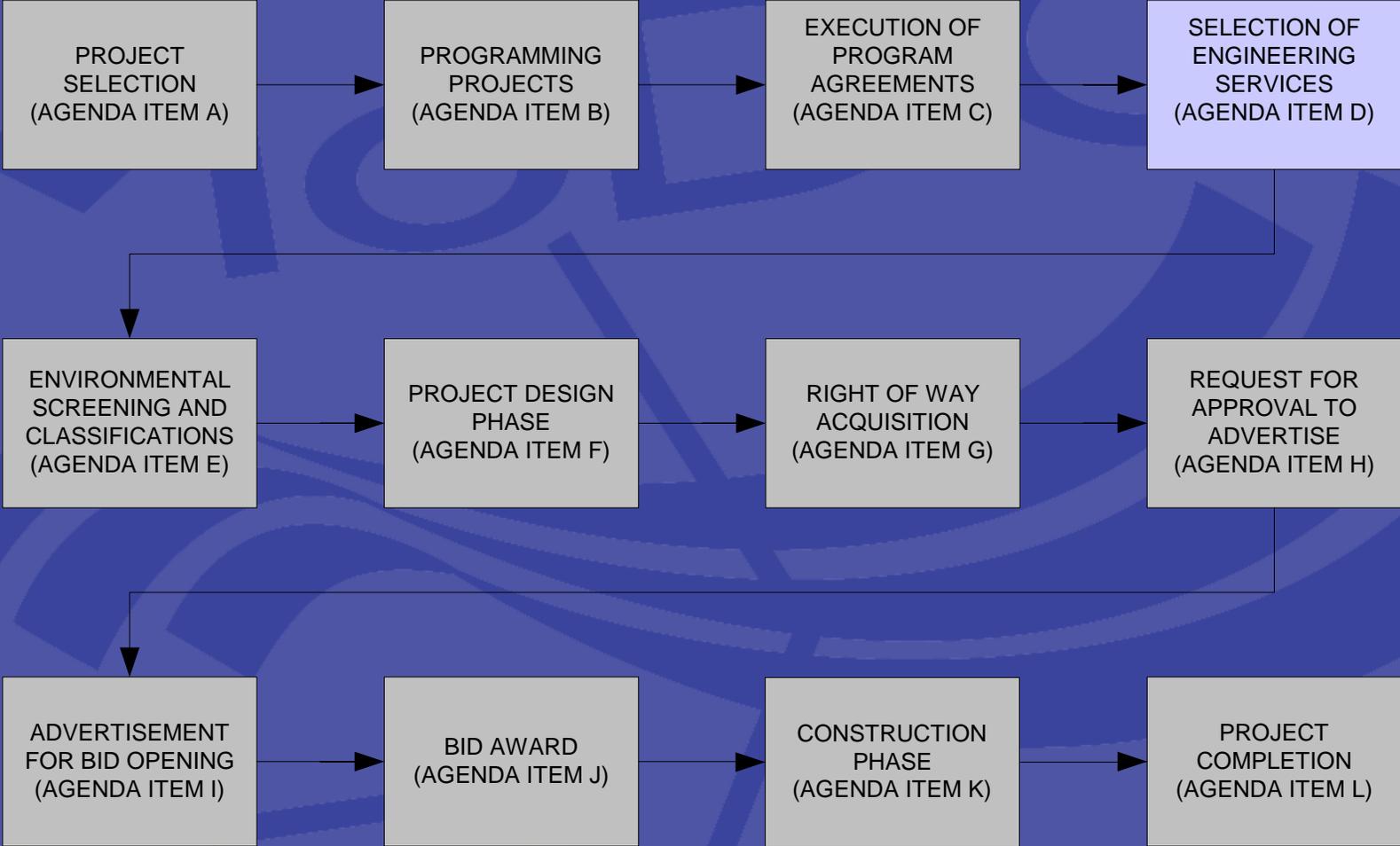


Execution of Program Agreements

- Standard agreement
- Enabling ordinance
- Fully executed copy returned to local agency

**You are STILL
not ready to
spend any money!!!**

PROJECT DELIVERY PROCESS



Posting/Solicitation/Selecting for Engineering Services

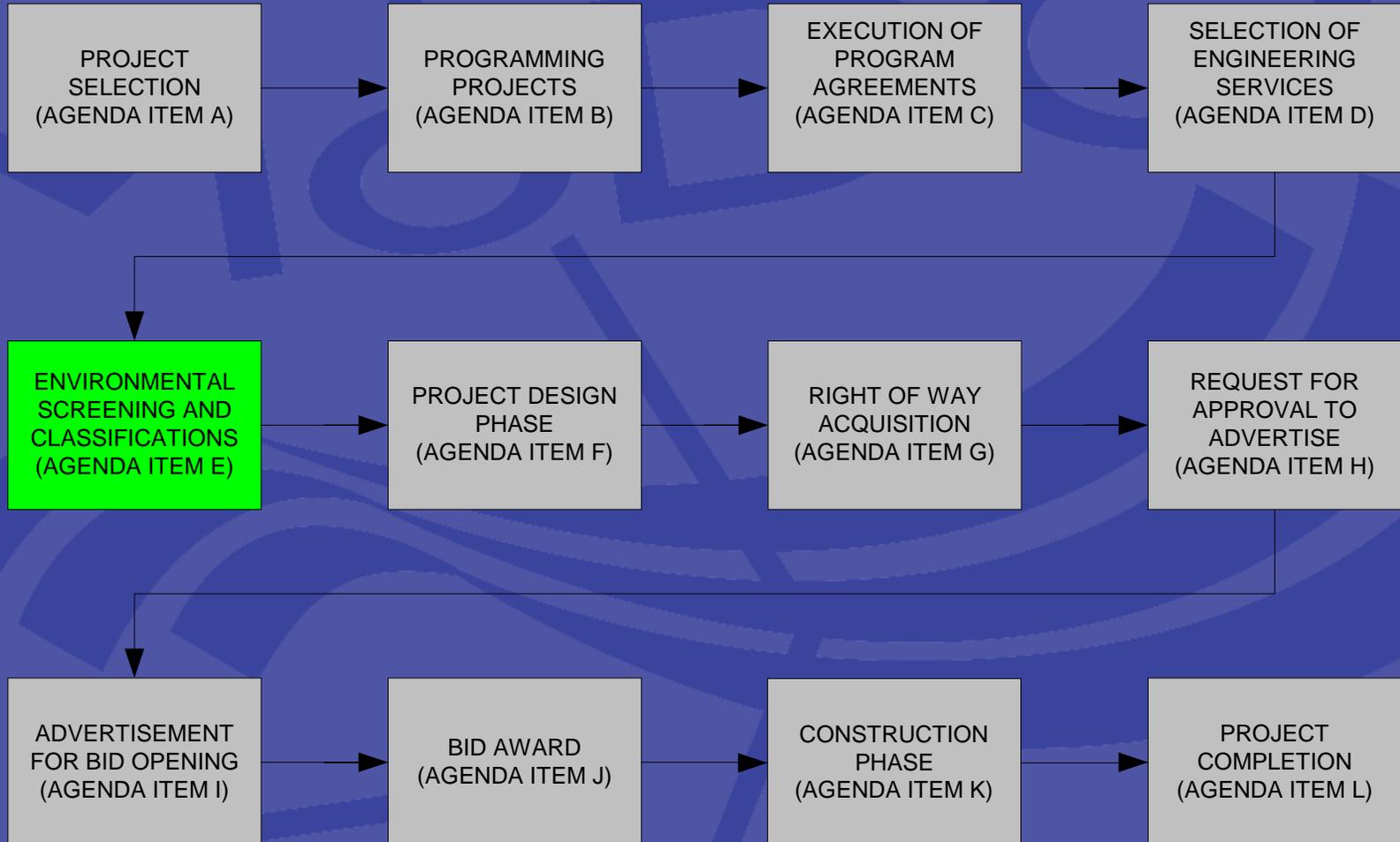
- Qualification-based selection
- Documentation of solicitation and selection process
- Job special provision
- DBE goal

Posting/Solicitation/Selecting for Engineering Services

- Advertise
- Data universal numbering system (DUNS)
- Execution of Engineering Services Contract
- Obligation of ARRA funds

**NOW you can
spend money --
BUT JUST FOR
DESIGN!!!**

PROJECT DELIVERY PROCESS



Identifying Environmental Requirements

- Screening projects
- Programming Data Form
 - Map
 - Project description
 - Right of way and easements

National Environmental Policy Act (NEPA) Compliance

- NEPA classification
- Responsible parties
- Timing

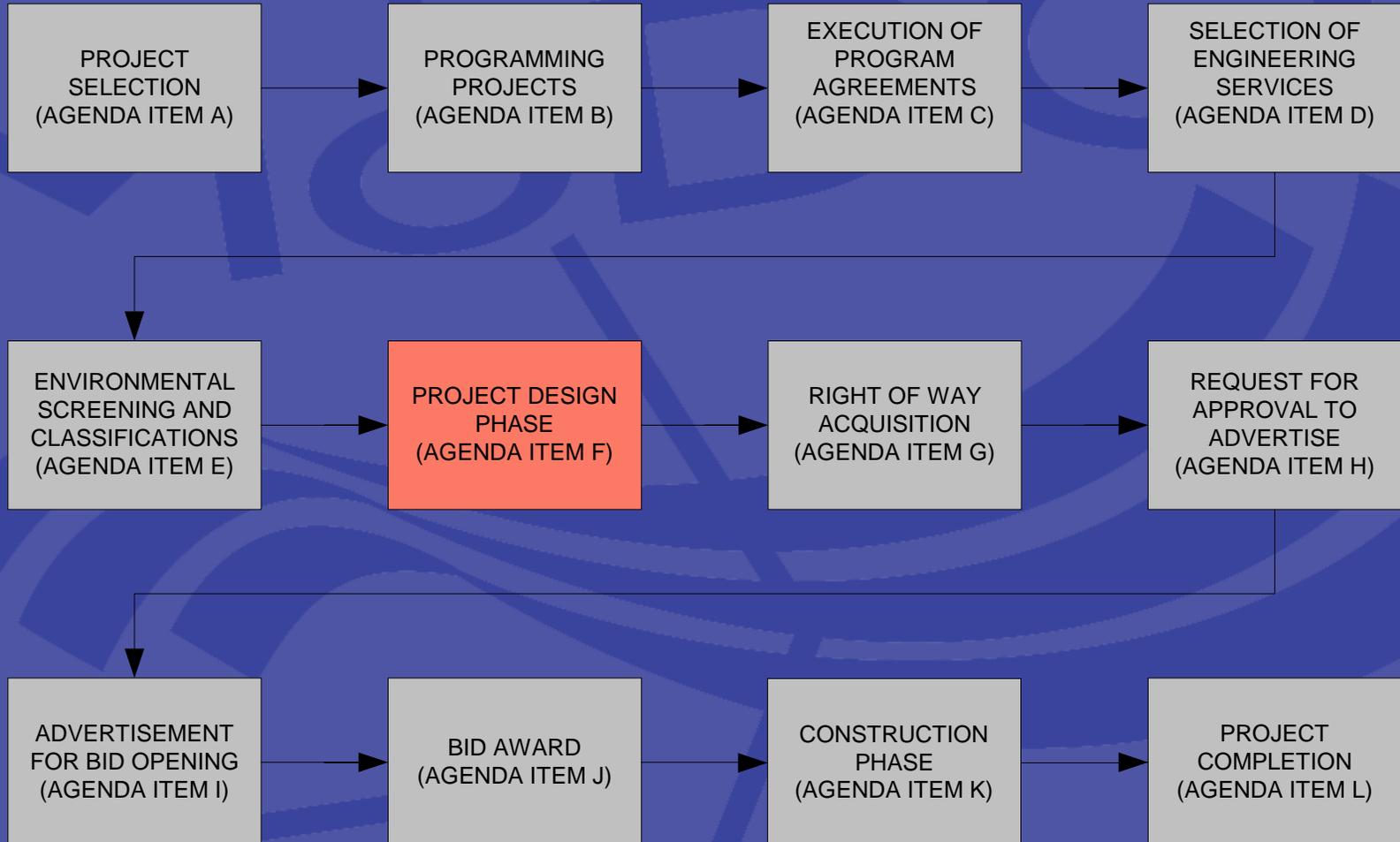
Environmental Resources

- Cultural resources
- Wetlands and streams
- Endangered species
- Floodplains
- Parks and other recreation areas

Environmental Resources

- Farmland
- Hazardous waste
- Environmental justice and community impacts
- Communication – key to success

PROJECT DELIVERY PROCESS



Project Design Phase

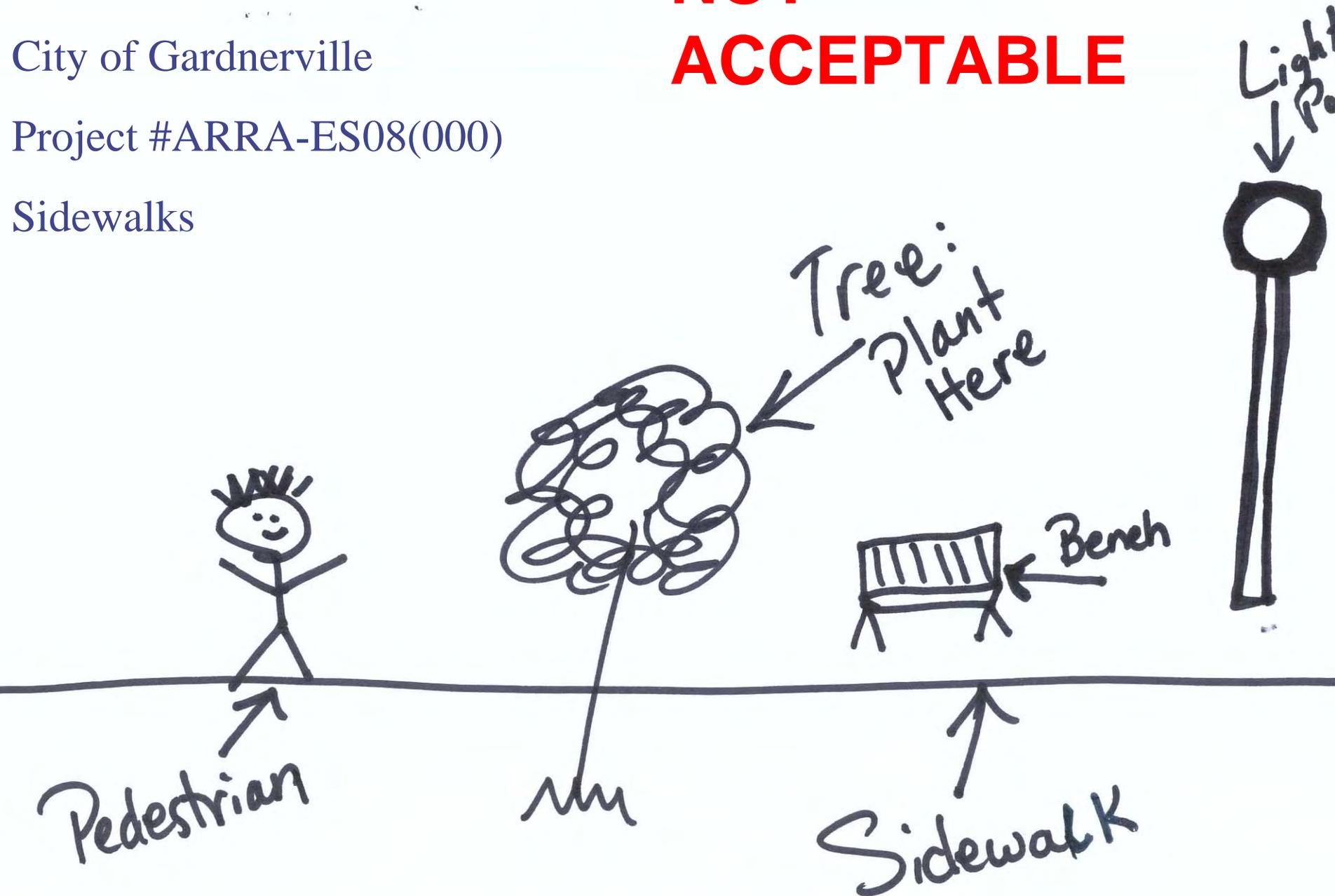
- Designed to national or acceptable local guidelines
- Meet American with Disabilities Act
- Signed and sealed by engineer/architect

**NOT
ACCEPTABLE**

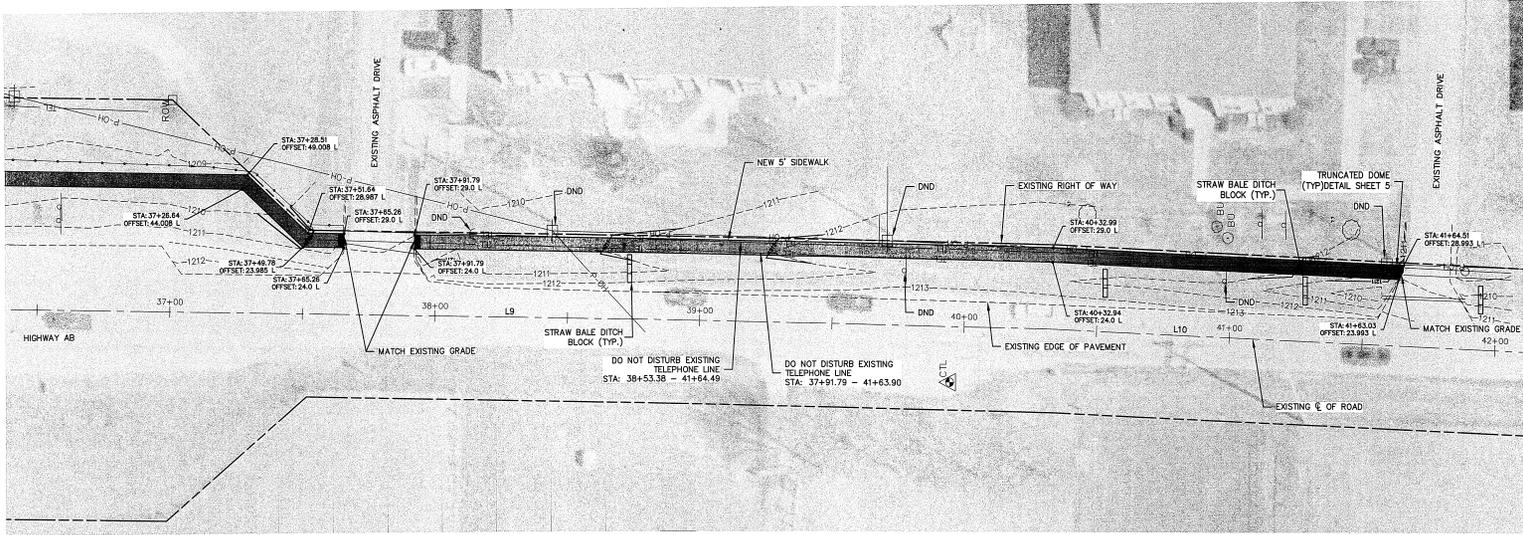
City of Gardnerville

Project #ARRA-ES08(000)

Sidewalks

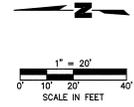


DWG: F:\Projects\08-08-00-31_K-REF_BORDER.CITY
 DATE: Oct 07, 2008 8:55am
 USER: abel
 08-08-00-31_K-REF_BORDER.CITY
 08-08-00-31_K-REF_BORDER.CITY



HIGHWAY AB SIDEWALK PLAN
 STA: 36+50.00 - 40+00.00
 SCALE: 1" = 20'

LINE TABLE										
LINE	START	NORTHING	START	EASTING	END	NORTHING	END	EASTING	DISTANCE	BEARING
L9	47910.6853		46833.6369		46577.9904		46805.1165		1333.00	S0113°34'W
L10	46577.9904		46805.1165		44188.1938		46702.4725		2392.00	S02°27'34"W



REV. NO.	DATE	REVISION DESCRIPTION

PLAN VIEW
 STA: 36+50.00 - 40+00.00
 WILLARD SIDEWALK IMPROVEMENTS
 CITY OF WILLARD
 WILLARD, MISSOURI

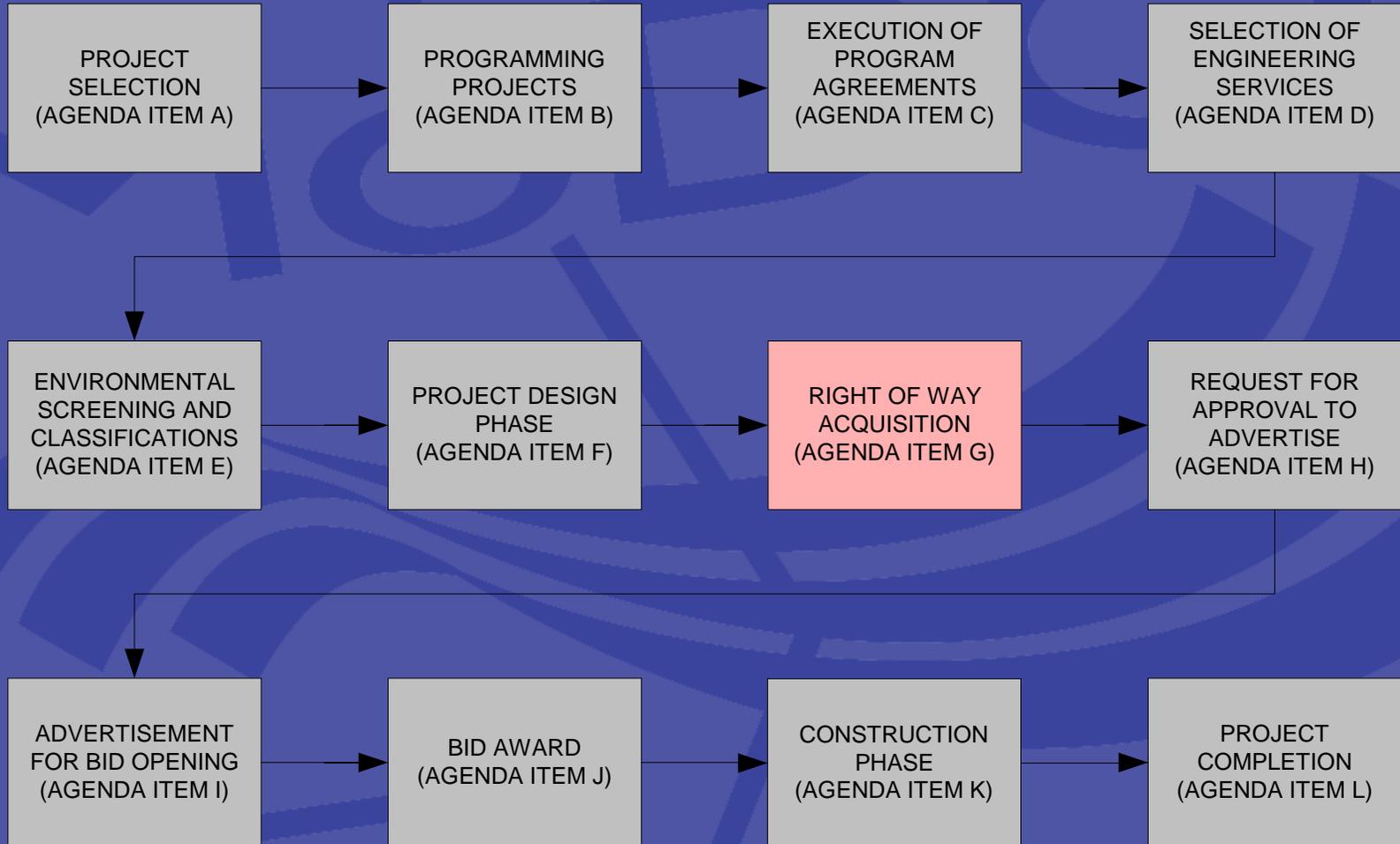
2008

REVISIONS

DATE
 NO.
 DATE
 NO.

DRAWN BY: ADB
 CHECKED BY: JVC
 DESIGNED BY: JVC
 CIVIL ENGINEER: JVC
 PROJECT NO.: 08-0801
 SHEET NO.: 3 of 12
 DATE: 08.21.08

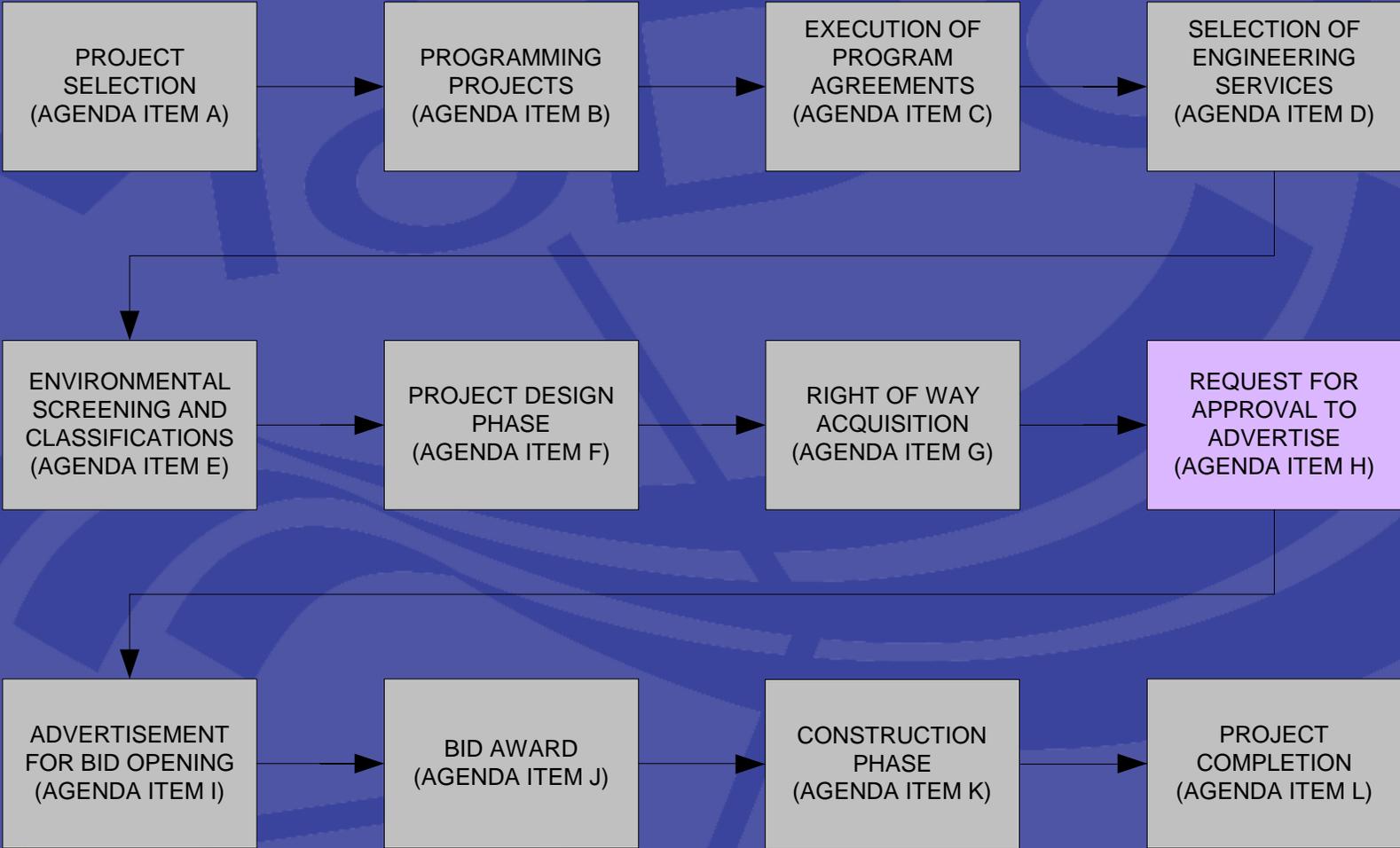
PROJECT DELIVERY PROCESS



Right of Way Acquisition

- Right of way plan approval
- Request to begin acquisition
- Clear all right of way and easements prior to approval to advertise

PROJECT DELIVERY PROCESS



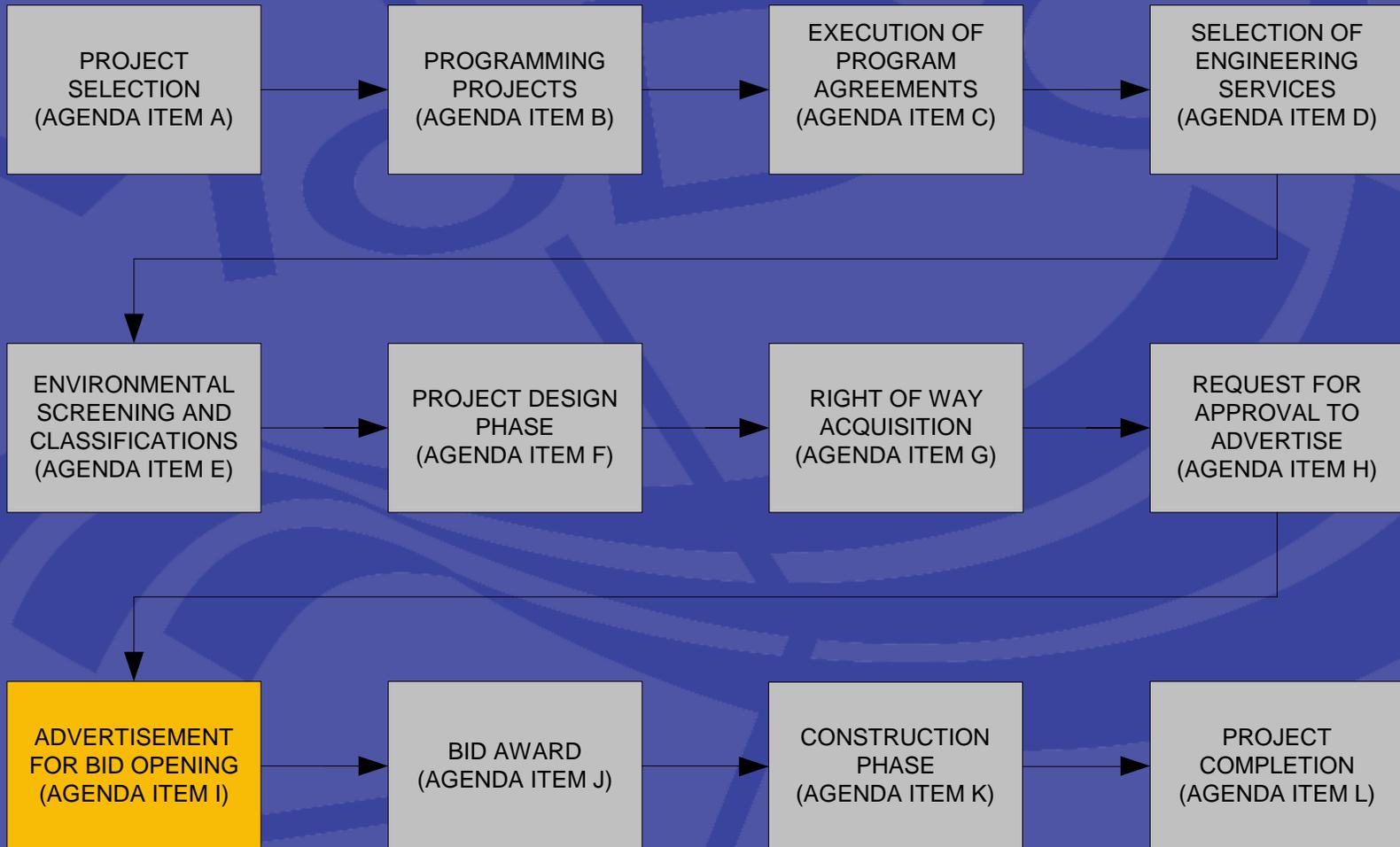
Request for Approval to Advertise

- Submittal of final plans, specifications and estimate
- Add alternates
- Environmental clearances
- Right of way clearance

Request for Approval to Advertise

- DBE goals
- On-the-job training program
- Construction inspection
- Authority to advertise

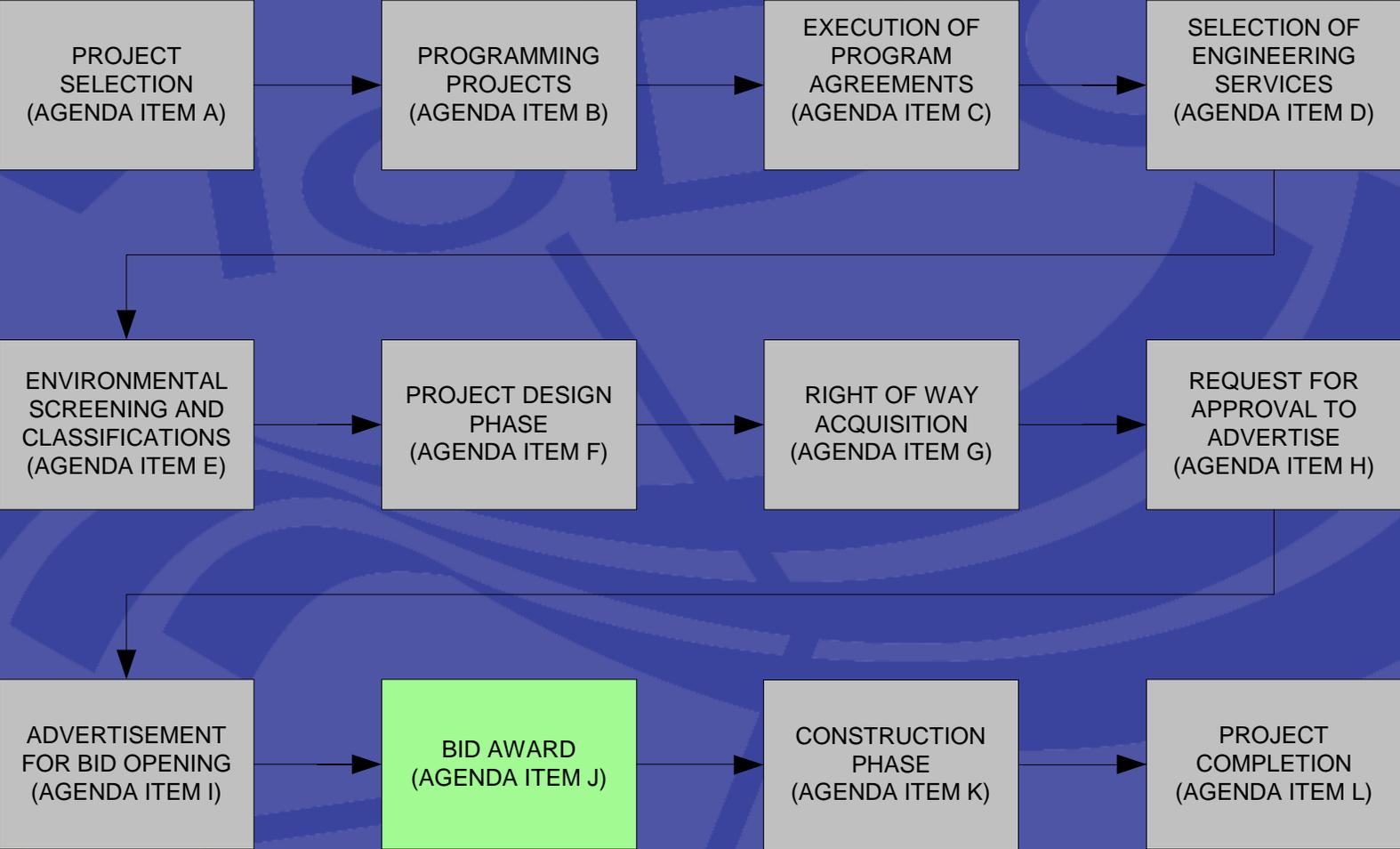
PROJECT DELIVERY PROCESS



Advertisement for Bid Opening

- 21-day (three-week) period
- Publicly opened
- Addendums

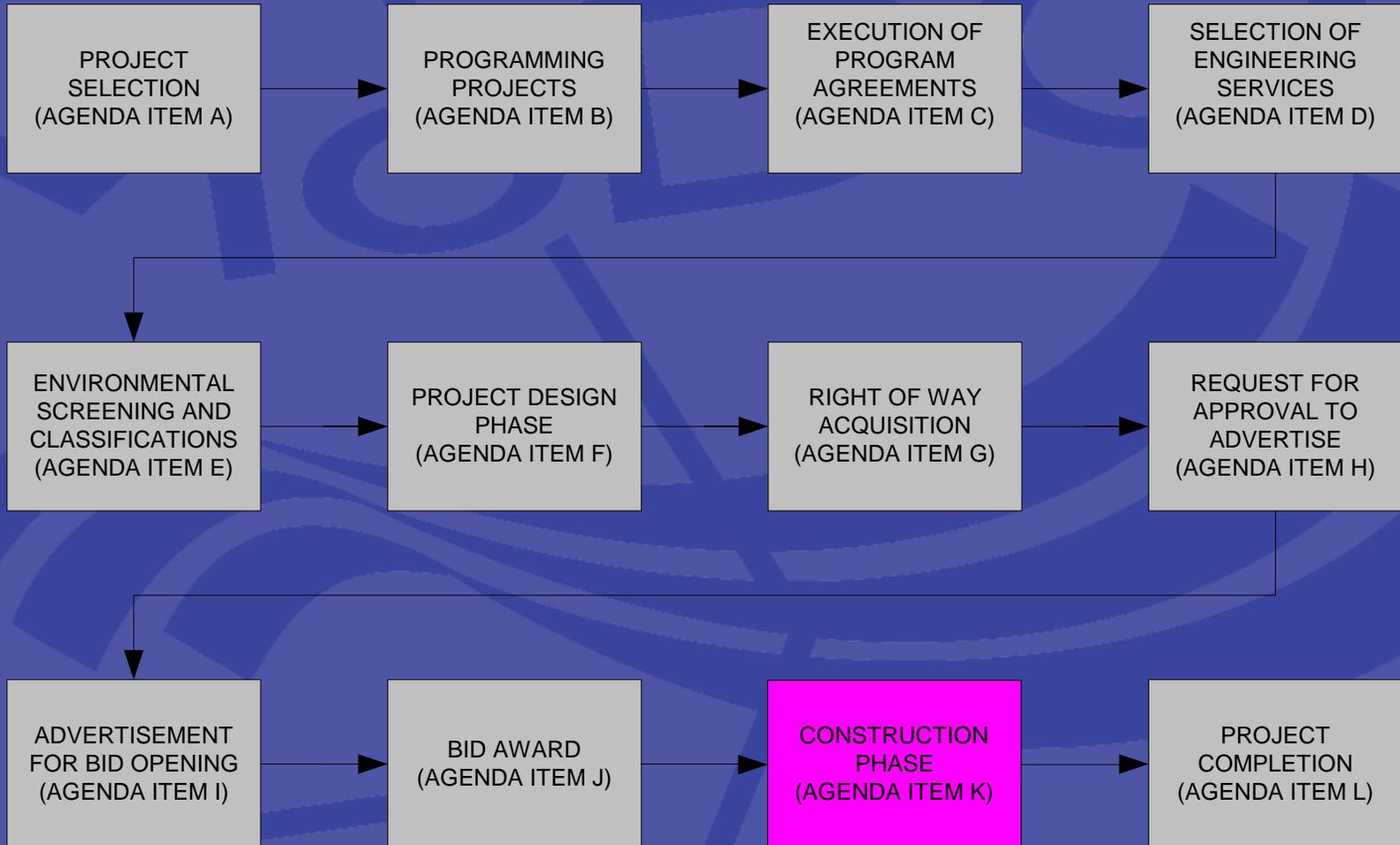
PROJECT DELIVERY PROCESS



Bid Award

- Lowest responsive bidder
- Approved by MoDOT

PROJECT DELIVERY PROCESS



Construction Phase

- Pre-construction conference
- Change orders
- Materials certifications
- Construction inspection
- Documentation
- FHWA oversight in contract administration

Requirements for Recovery Projects

All highway program funding under ARRA coming to Missouri is subject to requirements of federal-aid highway program

Buy America

Federal-aid highway construction
23 CFR 635.410 –

- Applies only to
 - federal-aid highway construction program
 - iron and steel products, their coatings
- Manufacturing processes must take place domestically

Fraud Prevention

- Repeated awards
- Questionable documentation
- Multiple or unusual mailing addresses
- Mislabeling of products or materials
- Incomplete files

Fraud Prevention

- Consistent cost overruns
- Truck weight tickets showing loads exceeding truck capacity
- Manual entries or adjustments to electronic payroll records
- Evidence of bid rigging

Patented and Proprietary Products

Prohibits contracting agencies from requiring use unless –

- Competitive bidding
- Essential for synchronization with existing facility or no suitable alternative
- Used for research, special construction or experimental purposes

Davis-Bacon

Prevailing wage requirements –

- Title 23 C.F.R. 635.309(f)
- Title 23 C.F.R. 635.117(f)
- <http://www.gpo.gov/davisbacon/>

Job-Site Bulletin Board

- Purpose
- Location
- Fixture
- Job Site Posters
 - <http://www.fhwa.dot.gov/programadmin/contracts/poster.cfm>

Construction Civil Rights

- Local agency shall monitor contractor's day-to-day EEO conformity and labor compliance contract requirements

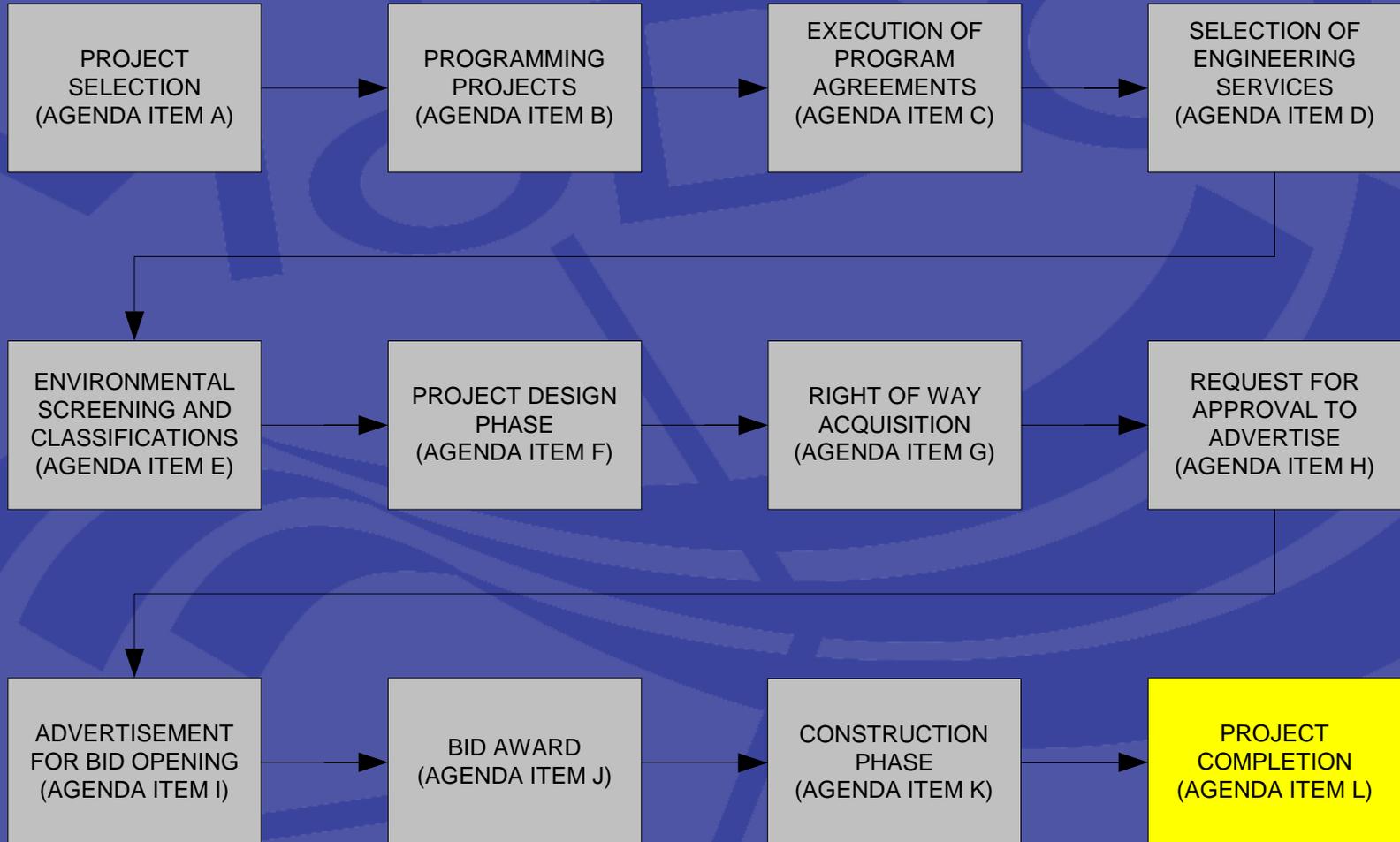
Importance of Written Documentation

- Absolutely essential
- Make requests in writing
- Key to resolving disputes
- Value of journal, contact log or calendar describing problem or event

References

- Required contract provisions federal-aid construction contracts: Form FHWA-1273
 - <http://www.fhwa.dot.gov/programadmin/contracts/1273.cfm>
- Contract Administration Curriculum
 - <http://www.fhwa.dot.gov/programadmin/contracts/coretoc.cfm>

PROJECT DELIVERY PROCESS



Project Completion

- Semi-final / final inspections
- Final documentation to MoDOT
- Audit

For more information –

- <http://www.modot.mo.gov/business/manuals/localpublicagency.htm#LPAManual>
- <http://www.modot.mo.gov/arra/Information.htm>