



US Army Corps of Engineers
St. Louis District



Metro East Levees

26May09



Agenda for 26May09 Meeting

Opening Remarks	Colonel Tom O'Hara, St. Louis District Commander
Remarks	Congressman Jerry Costello
Remarks	BG Michael Walsh, Mississippi Valley Division Commander
Program Summary	Dennis Fenske, Acting Deputy District Engineer, St. Louis District
Fed/Local Coordination	Les Sterman, East West Gateway Council of Government
Accelerated Program	Chris Wilson, Program Manager, St. Louis District
Next Steps	Colonel Tom O'Hara
Closing Remarks	Congressman Jerry Costello & BG Michael Walsh



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St. Louis District



Opening Remarks

Colonel Tom O'Hara
St. Louis District Commander



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Remarks

Congressman Jerry Costello
12th District of Illinois



US Army Corps of Engineers
St. Louis District



Remarks

Brigadier General Michael Walsh

Mississippi Valley Division Commander



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St. Louis District



Program Summary

Dennis Fenske

Acting Deputy District Engineer, St. Louis District



Program Overview

• 5 Illinois Levees:

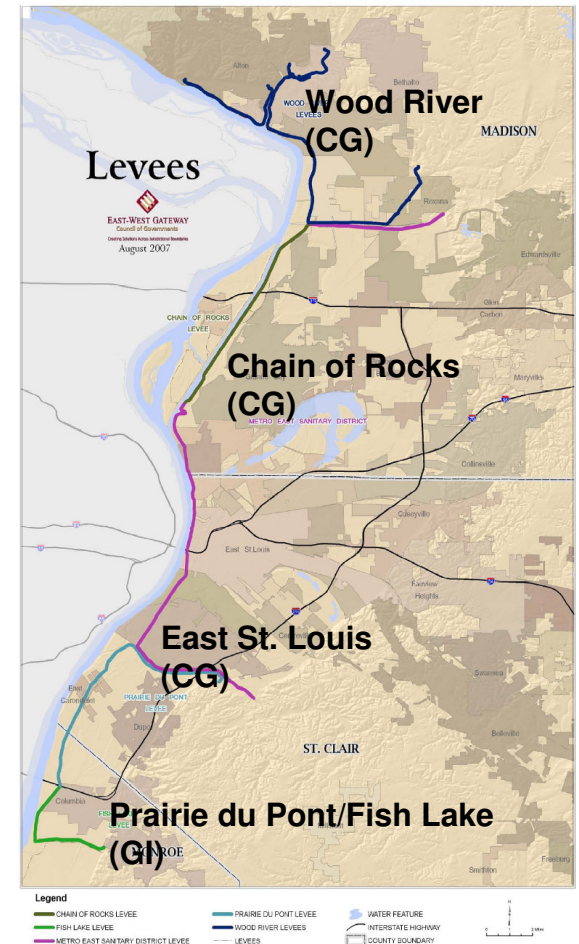
- Issue- Levee System is at risk due to deficiencies and need for reconstruction
- Total miles of levee: 64.6 miles
- Estimated population protected: 259,508
- Acres protected: 111,700 acres
- 52+2 St. Louis Gage Level of Protection
- <100 year performance
- AR Zone applied
- Cost to fix ~\$300-500M (estimates for repairs TBD with completion of deficiency reports)
- Completion Date Assuming Historical Funding Levels – 2044
- Accelerated Completion Date – 2013

• Integrated Strategy:

- Assess (FY07)
- Inform (Levee Summits)
- Engage (Levee District/County/Media)
- Plan (AR Zone, 100 yr to 500 yr, Funding options, Permissions)

• Other Items of Information:

- Design deficiencies – underseepage & height.
- Levees not accredited by FEMA.
- Failure of relief well system would result in sudden and catastrophic levee failure during flood conditions.
- Failure of system would impact an estimated 259,508 residents and an additional population affected by transportation and job loss impacts.
- Levee system protects residential area, industry, highways, railroad, navigation corridor, manufacturing and shipping economies.
- Chain of Rocks and ESL systems prevent an estimated \$7B in economic damages.
- Levees are interdependent. Chain reaction of failures downstream could occur.
- Impact to international commerce due to loss of navigation at Locks 27.





Objectives

- Communication and Collaboration
- Compressed Schedules
 - Planning
 - Construction
- Federal/Local Fiscal Requirements
- Future FEMA Interactions

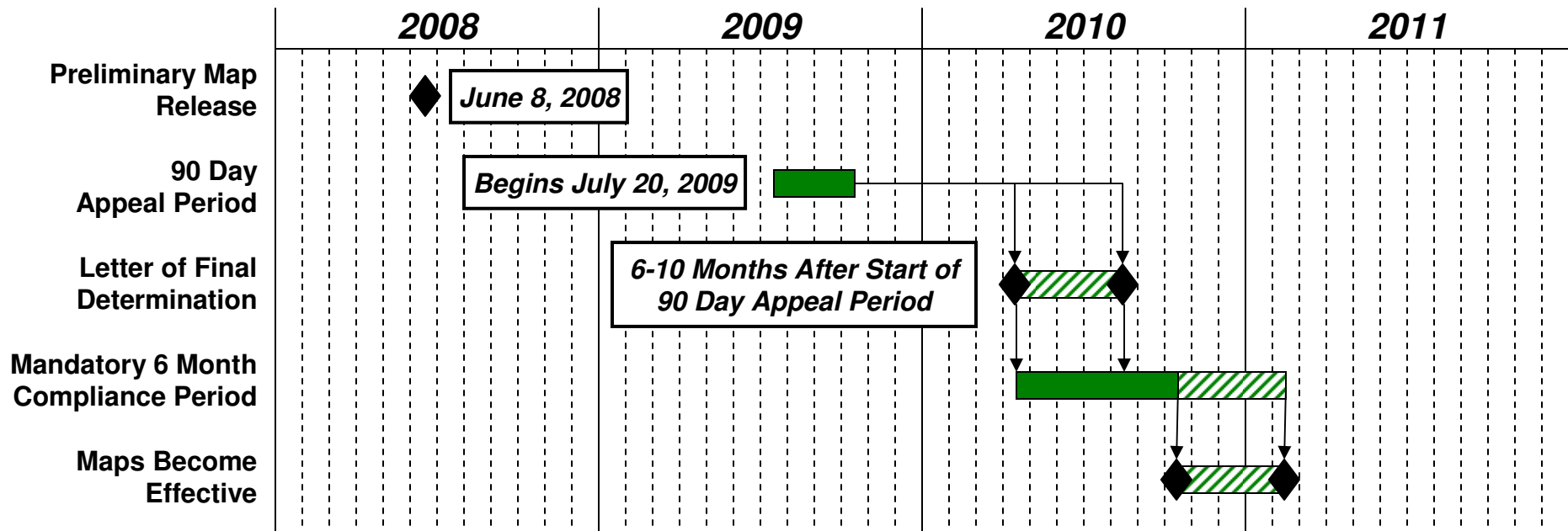


Communication

- Information Release Policy
 - Defines partners/agents of our partners
 - Defines what is releasable
 - Project size, scope, estimated cost
 - Raw data, Field inspections reports; Borings
 - Draft Documents
 - Defines what is not releasable to non-partners
 - Procurement Integrity Act
 - Locations of cultural/historical sites
- Program Management Plan
 - Incorporates PMPs for individual projects
 - Deliverables, milestones, responsibilities
 - Cost, schedule, and quality management
 - Risk, communications, and change management
 - Signature July/August 09 (after legal relationships established)



FEMA Timeline



***Flood Insurance Will Be Required Sometime
Between October 2010 and February 2011***



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Federal / Local Coordination

Les Sterman

Executive Director, East-West Gateway Council of Governments



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Accelerated Program

Chris Wilson

Program Manager, St. Louis District

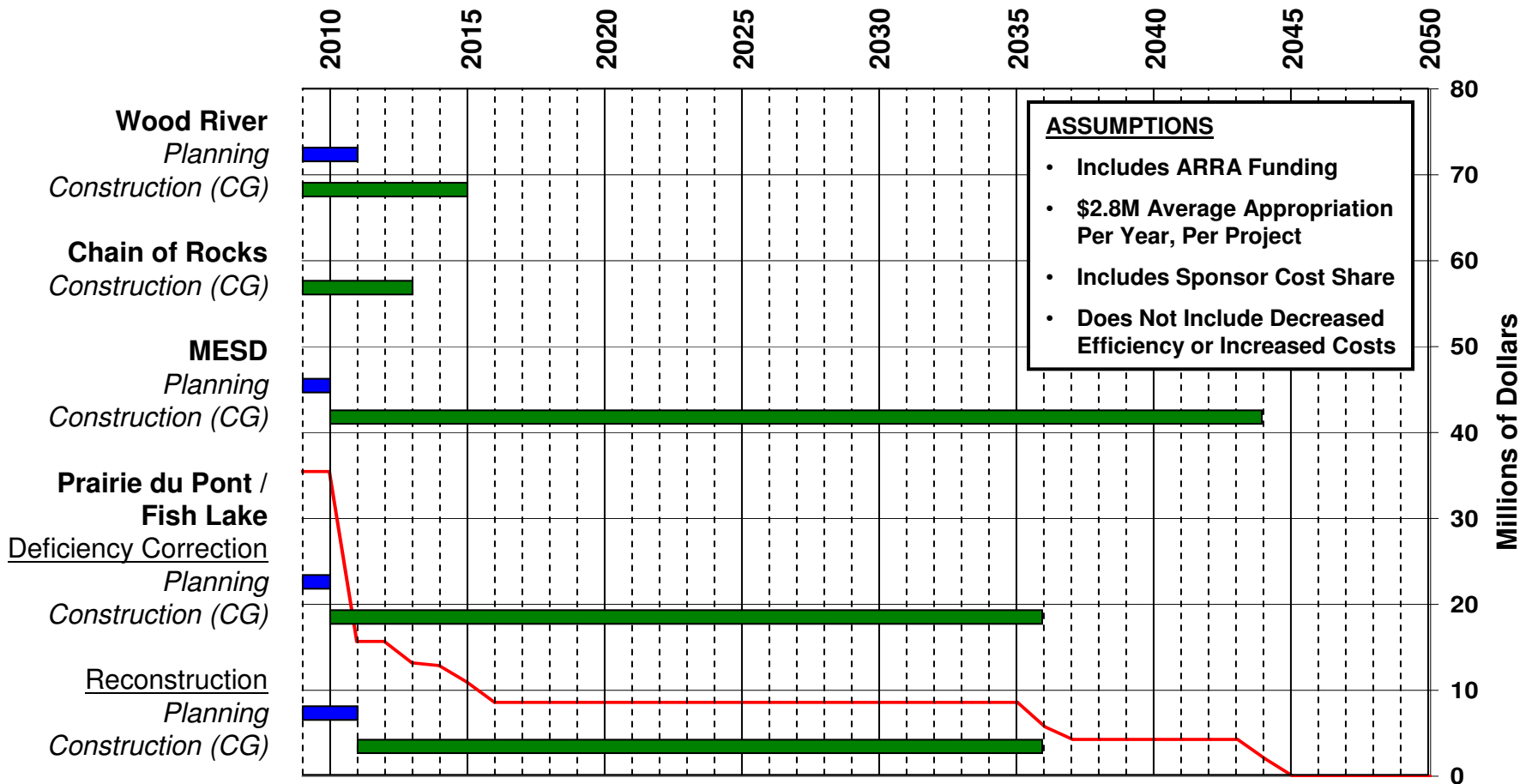


Current Program Planning Assumptions

Activity	Responsibility	Assumption
Planning Process	USACE	Normal
Technical Review	USACE	Sequential
Partnership Agreement Development	USACE and Sponsors	Sequential
New Start Authorities	Congress	Normal process
Funding	Congress	Historical averages
Cost Share	Sponsor	Ability to keep up with Federal Funding
LERRDs	Sponsor	Obtained in a timely manner
HTRW	Sponsor	Addressed in timely manner
Permits	State/Other federal	Normal processing: 12 Months
Weather Effects		Historical averages
Construction	USACE/Contractors	Traditional durations

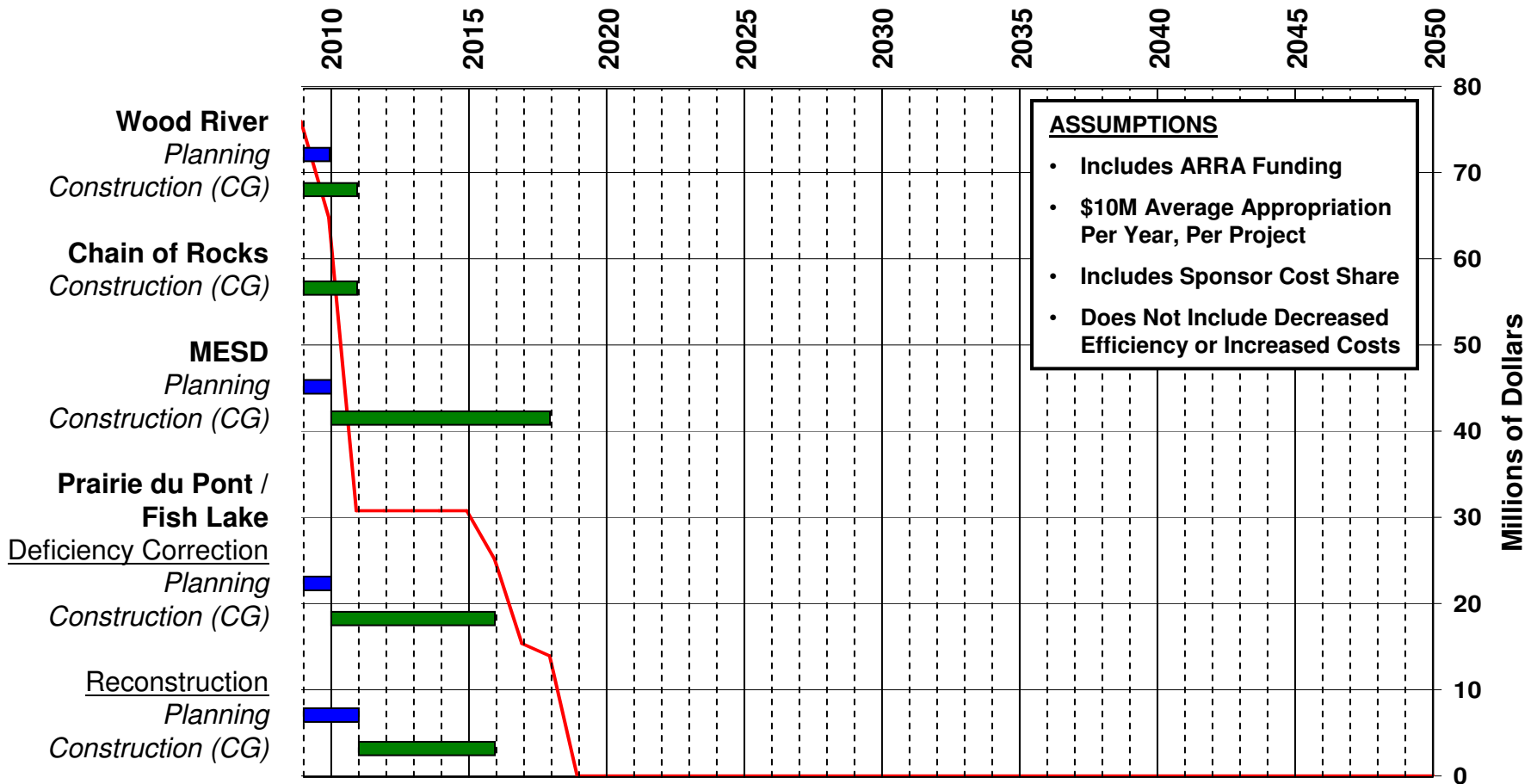


Current Program Schedule





Current Program Schedule





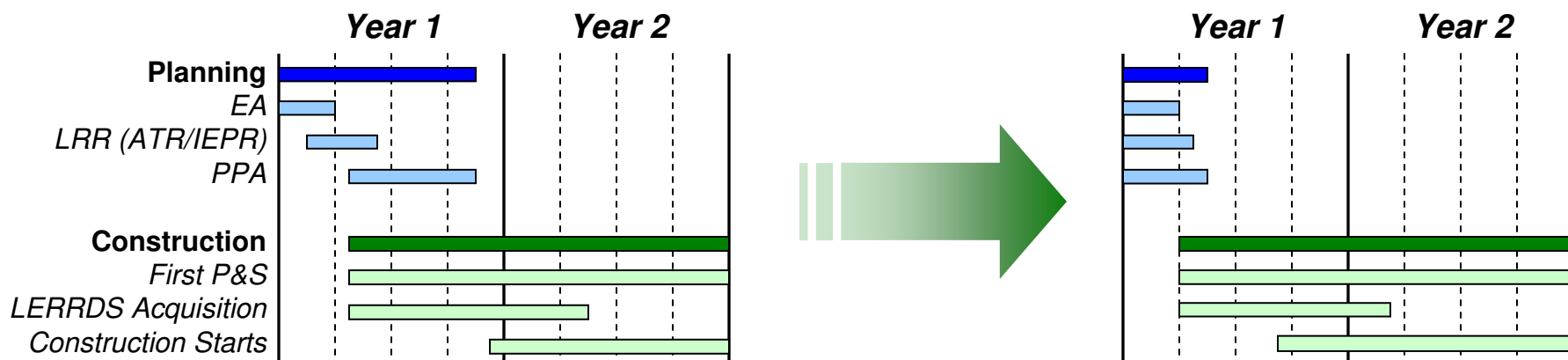
Accelerated Program Planning Assumptions

Activity	Responsibility	Assumption
Planning Process	USACE	Concurrent with review
Technical Review	USACE	Concurrent with planning
Partnership Agreement Development	USACE and Sponsors	Concurrent with planning
New Start Authorities	Congress	In place at start
Funding	Congress	Full funding up front
Cost Share	Sponsor	Ability to keep up with Federal funding
LERRDs	Sponsor	Obtained in a timely manner
HTRW	Sponsor	Addressed in a timely manner
Permits	State/Other federal	Normal processing: 12 Months
Weather Effects		Historical averages
Construction	USACE/Contractors	Accelerated, 20% Improvement



Planning Schedule

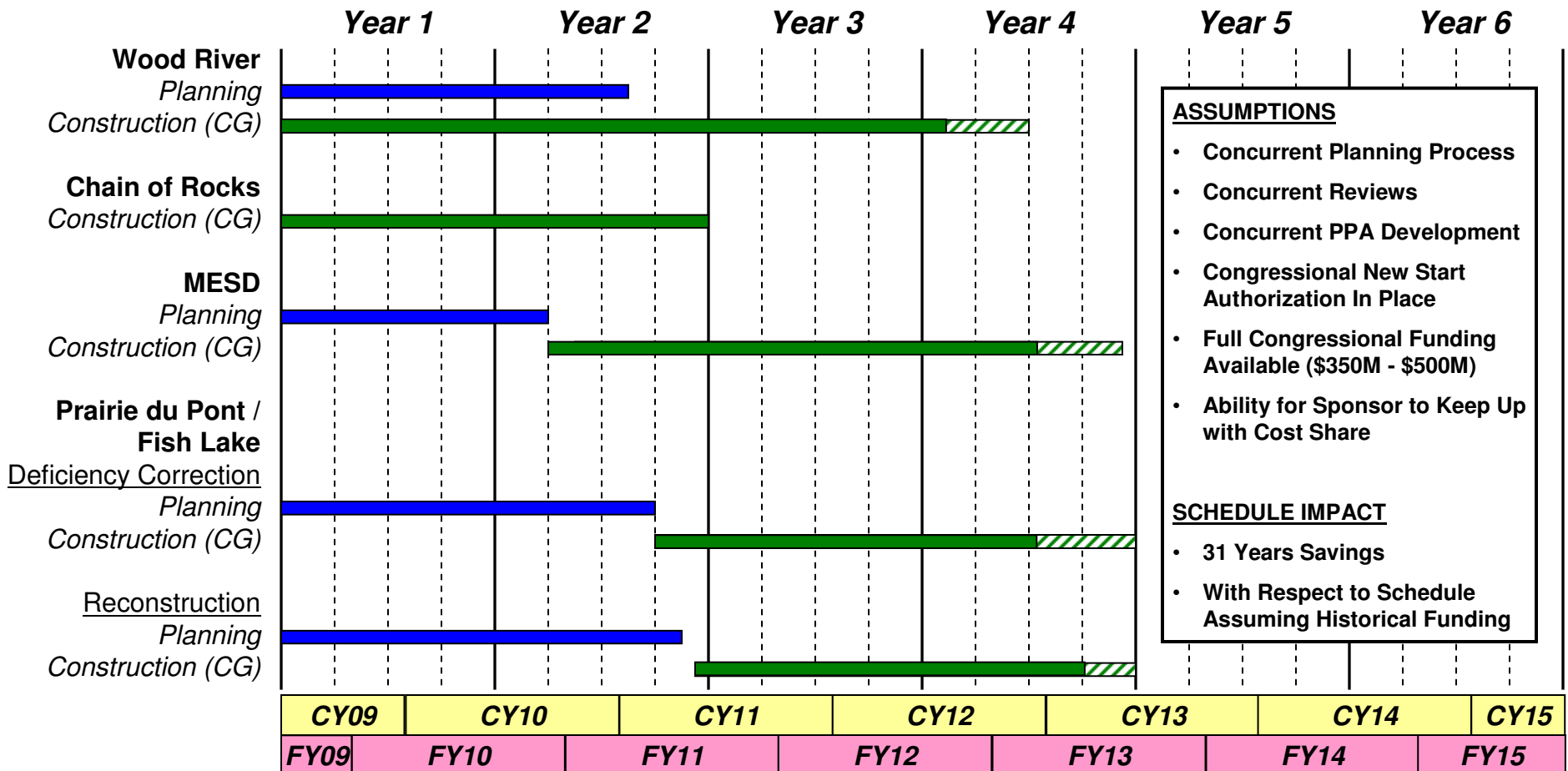
- Assumptions:
 - ATR/IEPR Conducted Concurrently
 - PPA Staffed Prior to LRR Final
 - Design Concurrent, Prior to Approval of LRR



Compression → 1 Quarter Savings



Accelerated Program Schedule





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Next Steps

Colonel Tom O'Hara
St. Louis District Commander



Next Steps

- Execute Program Management Plan (Aug 09)
- Partnering Meeting (Aug 09)
- Funding Available
- MOU Between USACE HQ and FEMA
- Complete Sub-Surface Investigation (MESD & PdP/FL)
- Begin Developing PPA's
- Accelerated Schedule Cost Estimate



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Discussion



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Closing Remarks

Congressman Jerry Costello
12th District of Illinois

Brigadier General Michael Walsh
Mississippi Valley Division Commander