Logical Flow

Working Group Sponsored Public Workshop
Central Everglades Planning Project
February 13, 2013 Configuration Exercise:
Implementation Sequencing and Adaptive Management

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		Components	Reasoning	Adaptive Management
		List the components in your proposed order here. Number them in order.	Explain your logic for the order of components here.	Describe how and where adaptive management could inform the implementation of CEPP.
550		1) FEB A-2	① to change LO operation, achieve estuarine benefits without impacting WP. Expensive, so only 1 item, not bundled	
142		2) S-8 only (separate out L-5)	② to precede backfilling Miami Canal	
278.6	172	3) A Backfill Miami Canal	③ Bundled as a unit to use fill for backfilling and make functional flow improvements to 3A by providing sheet flow and improve WP	
	79	3 B L-5 canal improvements		
	21	3 C Diversion of L-6 flows + infrastructure		
	4.2	3 D Remove L-4 levee and construct divide structure at terminus of L-4 levee removal		
	2.4	3 E L-28 triangle	4A) to deliver water to 3B and determine whether Blue Shanty Levee is needed	Adaptive management monitoring for WCA 3 B to determine flow patterns without Blue Shanty.
38.5	15	4A) Construct all L-67A structures and gap L-67C Levee	4B) to allow more water to gravity flow to ENP through 2.6 mi bridge	
	14.5	4B) Increase S-333 capacity to 2,500 CFS		
	9	4C) Construct divide structures east of 2.6 mi bridge	4C) to control flow thru L29 canal east (keep it west) (use existing 356 pump station to control flow to east of L31N. (seepage management)	Initiate effect of new structures on seepage + existing seepage management structures.
$64.2	58	5A) Increase S-356 pump station to ~1000 CFS	5A) Provide more control for seepage management	
	6.2	5B) Remove ~4.3 mi of L-29 levee in Blue Shanty Flowway	5B) to allow more flow through 2.6 mi bridge without levee and evaluate if B levee is needed	
$35.5	24	6A) Construct new Blue Shanty levee (if needed)	6A) Scheduled late to be sure needed, but will direct flow to Park and will reduce eastward seepage	
	11.5	6B) Remove L-67C levee in BS Flowway (if needed)	6B) to promote more flow into the flow way	Initiate adaptive management to evaluate need and optimize any additional seepage management, including consideration of stages east of L31N and effects on flows to Biscayne Bay
$17	8	7A) Remove L-67 extension	7A ii) Promote more natural flow + distribution of water to the Park, more sheet flow and improved WP while providing seepage management	
$61		7B) Backfill L-67 extension canal		
	9	7C) Remove ~6 mi Old Tamiami Trail Road		
	44	7d) Partial depth seepage barriers S of Trail, if needed)		