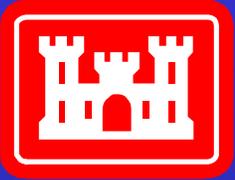




Kill Van Kull & Newark Bay Channel Deepening

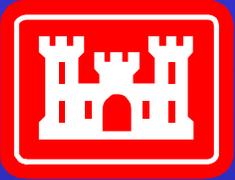
30 April 1999



Alternate Schedule I



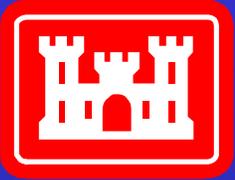
- Schedule Assumptions
 - Disposal of material unsuitable for HARS placement will be restricted to no barge overflow, the use of a sealed bucket where possible and will be disposed at the regional in-channel cells (available 12/99)
 - Rock disposal sites will be at the artificial reefs; New Jersey had identified the Sandy Hook reef. New York has identified the Atlantic Basin
 - Placement of material at the HARS will have no significant impact on schedule



Kill Van Kull Schedule



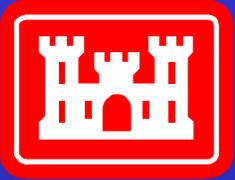
- Schedule Assumptions (continued)
 - No environmental constraints
 - Environmental monitoring
 - Coordination on-going with environmental agencies on compressed schedule
 - Environmental dredging window
 - NYSDEC environmental dredging window prohibiting dredging from March 1 thru 31 August within 1000 ft from the shoreline of Shooters Island - no impact on schedule



Kill Van Kull Schedule



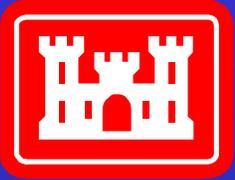
- Environmental dredging window (continued)
 - NYSDEC environmental dredging window for Contract 3 prohibiting dredging from 15 November thru 31 May informal discussions indicate that NYSDEC will not prohibit dredging during this period based on monitoring performed to date.
 - Coordination on-going with NJDEP on WQC for remaining contracts
- Environmental Testing
 - Coordination on-going with EPA on sampling plans for balance of the contracts



Kill Van Kull Schedule



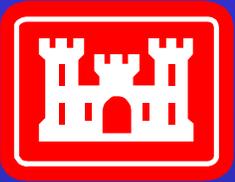
- Schedule Assumptions (continued)
 - Dredging of Arthur Kill and Port Jersey do not compete with Kill Van Kull for equipment
 - Utility relocation will not impact schedule
 - Minimum advertise/award durations



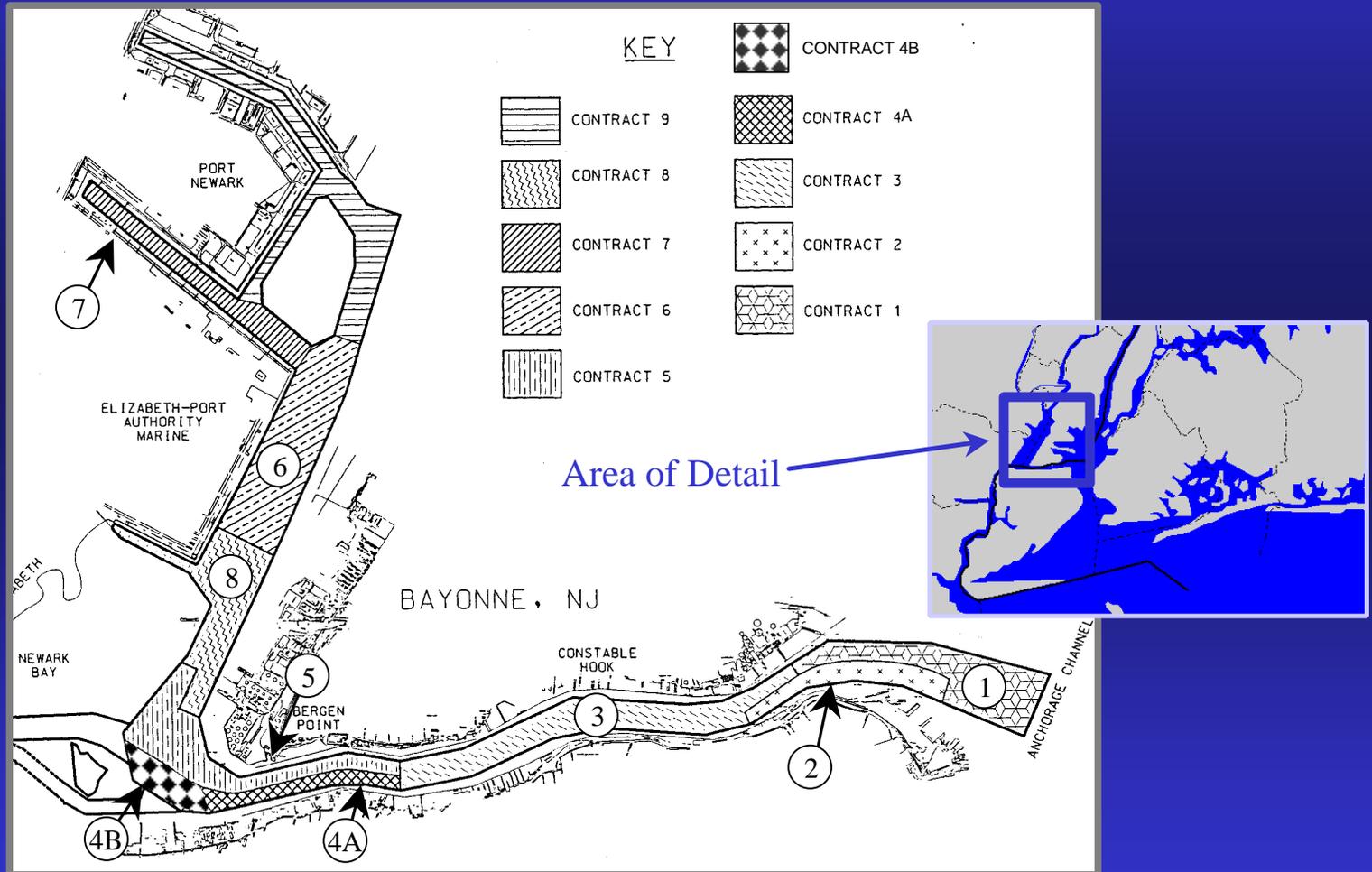
Kill Van Kull Schedule

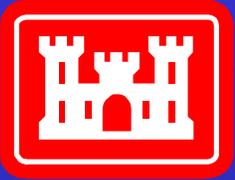


- Schedule Assumptions (Continued)
 - Blasted, fractured, and weathered serpentine rock can be removed without blasting
 - Up to two excavator dredges will be available at a time; however, only one excavator dredge per contract
 - Up to four clamshell dredges will be available at a time
 - Updated production rates based upon additional information



Contract Limits



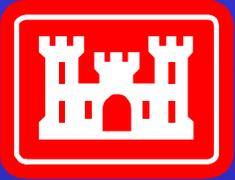


Kill Van Kull Schedule Volumes



	Rock (CY)	Non-Rock Ocean Disposal (CY)	Non-Rock In-Channel Cells (CY)
Contract 1	179,000	603,000	0
Contract 2	233,000	260,000	0
Contract 3	0	985,000	540,000
Contract 4A	228,000	25,000	96,000
Contract 4B	111,000	43,000	114,000
Contract 5	516,000	319,000	170,000
Contract 6	0	1,476,000	610,000
Contract 7	0	881,000	260,000
Contract 8	0	914,000	430,000
Contract 9 (Deferred)			
	1,267,000	5,506,000	2,220,000

Note: All Non-rock material in areas 1 & 2 has been tested,
and is suitable for placement as remediation material at the HARS
Non-Rock "In-Channel Cell" Volume based on LRR



KVK Phase II Schedule



Alternate schedule and assumptions will be evaluated after each bid opening and when additional industry and dredging information becomes available.