

resents the Preconstruction engineering and design phase. These detailed cost shared designs are prepared while the project recommended to Congress is awaiting authorization for construction.

The Committee believes that by segregating the table in this manner that more attention will be focused on the various study phases, and a more balanced planning program will be developed by the administration. As the last two columns are generally cost shared, they demonstrate the commitment by cost sharing sponsors to be a part of the Federal planning process. By the same token, it also shows the level of commitment of the Federal Government to these cost sharing sponsors. The Committee directs that the fiscal year 2010 planning budget be presented to the Committee in this fashion.

The budget request and the recommended Committee allowance are shown on the following table:

CORPS OF ENGINEERS—GENERAL INVESTIGATIONS

[In thousands of dollars]

Project title	Budget estimate		Committee recommendation		
	Investigations	Planning	RECON	FEAS	PED
ALASKA					
ANCHORAGE HARBOR DEEPENING, AK	100	.....	.....	100	400
BARROW COASTAL STORM DAMAGE REDUCTION, AK	400	.....	.....	400	.....
HOMER HARBOR MODIFICATION, AK	400	.....
KENAI RIVER BLUFF EROSION, AK	500	.....
MATANUSKA RIVER WATERSHED, AK	400	.....
VALDEZ HARBOR EXPANSION, AK	150	.....
YAKUTAT HARBOR, AK	700	.....	.....	700	.....
ARIZONA					
AGUA FRIA RIVER TRILBY WASH, AZ	250	.....
LITTLE COLORADO RIVER WATERSHED, AZ	250	.....
PIMA COUNTY, AZ	275	.....	.....	275	.....
VA SHLY-AY AKIMEL SALT RIVER RESTORATION, AZ	658	.....	.....	658
ARKANSAS					
LOWER MISSISSIPPI RIVER RESOURCE STUDY, AR	254	.....	.....
MAY BRANCH, FORT SMITH, AR	250
PINE MOUNTAIN LAKE, AR	500
SOUTHWEST, ARKANSAS, AR	327	.....
WHITE RIVER BASIN COMPREHENSIVE, AR & MO	500	.....
WHITE RIVER NAVIGATION TO BATESVILLE, AR	325
CALIFORNIA					
BOLINAS LAGOON ECOSYSTEM RESTORATION, CA	350	.....
CALIFORNIA COASTAL SEDIMENT MASTER PLAN, CA	900	.....	.....	900	.....
CARPINTERIA SHORELINE STUDY	443	.....
COYOTE & BERRYESSA CREEKS, CA	950	.....	.....	950
COYOTE DAM, CA	250	.....
GOLETA BEACH, CA	150	.....
HAMILTON CITY, CA	500
HEACOCK AND CACTUS CHANNELS, CA	500
HUMBOLDT BAY LONG TERM SHOAL MGMT, CA	200	.....
LOWER CACHE CREEK, YOLO COUNTY, WOODLAND AND VICINITY	200	.....
LOS ANGELES RIVER ECOSYSTEM RESTORATION, CA	590	.....
LOWER MISSION CREEK, CA	400	.....
MALIBU CREEK WATERSHED, CA	150	.....
MATILJA DAM, CA	1,000
MIDDLE CREEK, CA	500

CORPS OF ENGINEERS—GENERAL INVESTIGATIONS—Continued

[In thousands of dollars]

Project title	Budget estimate		Committee recommendation		
	Investiga- tions	Planning	RECON	FEAS	PED
PAJARO RIVER, CA					1,000
REDWOOD CITY HARBOR, CA				300	
RIVERSIDE COUNTY SAMP, CA				200	
ROCK CREEK, KEEFER SLOUGH, CA				200	
SACRAMENTO-SAN JOAQUIN COMP, CA				1,000	
SAC—SAN JOAQUIN DELTA ISLANDS AND LEVEES, CA	468			2,000	
SAN DIEGO COUNTY SAMP, CA				250	
SAN DIEGO COUNTY SHORELINE, CA				200	
SAN JOAQUIN RIVER BASIN (SJR), FRAZIER CREEK/ STRATHMO				200	
SAN JOAQUIN RIVER BASIN, WEST STANISLAUS, ORESTIMBA CR				400	
SAN JOAQUIN RIVER BASIN, LOWER SAN JOAQUIN RIVER, CA				600	
SAN JOAQUIN RIVER BASIN (SJR), WHITE RIVER/DRY CREEK				125	
SAN PABLO BAY WATERSHED, CA				250	
SOLANA-ENCINITAS SHORELINE, CA	171			171	
SOUTH SAN FRANCISCO SHORELINE, CA				1,400	
SUTTER COUNTY, CA	339			339	
TAHOE REGIONAL PLANNING, CA AND NV				125	
UPPER PENITENCIA CREEK, CA	191			191	
COLORADO					
BASALT, CO			50		
CACHE LA POUDE, CO				5	125
CHATFIELD, CHERRY AND BEAR CREEK, RESERVOIRS, CO ..				200	
SOUTH BOULDER CREEK, CO			2	250	
CONNECTICUT					
CONNECTICUT RIVER ECOSYSTEM RESTORATION, CT, MA, NH & VT				450	
DELAWARE					
RED CLAY CREEK, CHRISTINA RIVER WATERSHED, DE				300	
FLORIDA					
FLAGLER COUNTY, FL				250	
LAKE WORTH INLET, FL				200	
MILE POINT, FL	50			50	
PORT EVERGLADES HARBOR, FL	550			550	
SARASOTA, LIDO KEY, FL					158
ST. JOHNS COUNTY, FL				250	
WALTON COUNTY, FL					591
GEORGIA					
AUGUSTA, GA		278			278
LONG ISLAND, MARSH AND JOHNS CREEKS, GA	150			150	
SAVANNAH HARBOR EXPANSION, GA		700			700
TYBEE ISLAND, GA	250			250	
GUAM					
HAGATNA RIVER FLOOD CONTROL, GUAM	350			350	
HAWAII					
ALA WAI CANAL, OAHU, HI	300			300	
HILO HARBOR MODIFICATIONS, HI			100		
HYDROELECTRIC POWER ASSESSMENT, HI			300		
KAHUKU, HI					344
KALAELOA BARBERS POINT HARBOR MODIFICATION, HI				350	

CORPS OF ENGINEERS—GENERAL INVESTIGATIONS—Continued

[In thousands of dollars]

Project title	Budget estimate		Committee recommendation		
	Investiga- tions	Planning	RECON	FEAS	PED
MAALAEA HARBOR, MAUI, HI		200		200	
WAILUPE STREAM, OAHU, HI					300
ILLINOIS					
DES PLAINES RIVER, IL (PHASE II)	500			500	
ILLINOIS RIVER BASIN RESTORATION, IL	400			400	
INTERBASIN CONTROL OF GREAT LAKES—MISSISSIPPI RIVER AQ NUISANCE SPECIES, IL, IN, OH, WI				300	
KEITH CREEK, ROCKFORD, IL				548	
PEORIA RIVERFRONT DEVELOPMENT, IL					50
PRAIRIE DUPONT LEVEE, IL				200	
S. FORK, SOUTH BRANCH, CHICAGO RIVER, (BUBBLY CREEK)				400	
UPPER MISS—ILLINOIS WW SYSTEM, IL, IA, MN, MO & WI				10,000	
UPPER MISS RVR COMPREHENSIVE PLAN, IL, IA, MO, MN & WI			220		
INDIANA					
INDIANA HARBOR, IN	300			300	
IOWA					
CEDAR RIVER TIME CHECK AREA, IA				300	
HUMBOLT, IA			2	150	
KANSAS					
MANHATTAN, KS				300	
TOPEKA, KS		100			100
UPPER TURKEY CREEK, KS					150
LOUISIANA					
AMITE RIVER AND TRIBUTARIES ECOSYSTEM RESTORATION, LA				250	
BAYOU SORREL LOCK, LA		1,599			1,599
BOSSIER PARISH, LA				200	
CALCASIEU LOCK, LA	53			600	
CALCASIEU RIVER AND PASS, LA				162	
CALCASIEU RIVER BASIN, LA	67			67	
CROSS LAKE, LA				250	
LOUISIANA COASTAL AREA ECOSYSTEM REST, LA (SCIENCE PRO)	10,000				
LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA ... PORT OF IBERIA, LA	10,000			10,000	
ST. CHARLES PARISH URBAN FLOOD CONTROL, LA	500			500	
ST. JOHN THE BAPTIST URBAN FLOOD CONTROL, LA				250	
SOUTHWEST COASTAL LOUISIANA HURRICANE PROTECTION, LA				1,500	
WEST SHORE, LAKE PONTCHARTRAIN, LA				900	
MAINE					
SEARSPORT HARBOR, ME				157	
MARYLAND					
ANACOSTIA RIVER AND TRIBUTARIES COMP PLAN, MD				400	
BALTIMORE METRO WATER RESOURCES—PATAPSCO URBAN RIVER				250	
CHESAPEAKE BAY MARSHLANDS, MD				1,000	
CHESAPEAKE BAY SHORELINE, MARYLAND COASTAL MAN- AGEMENT				200	

CORPS OF ENGINEERS—GENERAL INVESTIGATIONS—Continued

[In thousands of dollars]

Project title	Budget estimate		Committee recommendation		
	Investiga- tions	Planning	RECON	FEAS	PED
CHESAPEAKE BAY SUSQUEHANNA RESERVOIR SEDIMENT MANAGEMENT			100	100	
EASTERN SHORE, MID-CHESAPEAKE BAY ISLAND, MD					983
LOWER POTOMAC ESTUARY WATERSHED, ST. MARY'S, MD ..					150
MIDDLE POTOMAC COMP PLAN, MD, VA, PA, WV, DC				175	
MIDDLE POTOMAC WATERSHED, GREAT SENECA CREEK, AND MUDDY				300	
SUSQUEHANNA RIVER BASIN LOW FLOW MANAGEMENT AND ENVIRO				300	
MASSACHUSETTS					
BOSTON HARBOR (45-FOOT CHANNEL), MA		2,300			2,300
PILGRIM LAKE, TRURO & PROVINCETOWN, MA	96			96	
MICHIGAN					
GREAT LAKES NAV SYST STUDY, MI, IL, IN, MN, NY, OH, PA	200		200		
GREAT LAKES REMEDIAL ACTION PLANS (RAP), MI				1,000	
LANSING, GRAND RIVER WATERFRONT RESTORATION, MI			50		
ST. CLAIR RIVER, MI				200	
MINNESOTA					
MARSH LAKE, MN (MN RIVER AUTHORITY)				227	
MINNEHAHA CREEK WATERSHED, MN				350	
MINNESOTA RIVER BASIN, MN & SD				350	
WILD RICE RIVER, RED RIVER OF THE NORTH BASIN, MN ...	271			271	
MISSISSIPPI					
PEARL RIVER WATERSHED, MS				250	
MISSOURI					
BRUSH CREEK BASIN, KS & MO				274	
KANSAS CITYS, MO & KS	262			315	
MISSOURI RIVER DEGRADATION, MO	88			588	
MISSOURI RIVER LEVEE SYSTEM, UNITS L45 & R460-471, MO					300
RIVER DES PERES, MO				150	
SWOPE PARK, KANSAS CITY, MO		138			
MONTANA					
YELLOWSTONE RIVER CORRIDOR, MT	200			500	
NEBRASKA					
LOWER PLATTE RIVER AND TRIBUTARIES, NE				177	
NEW HAMPSHIRE					
MERRIMACK RIVER WATERSHED STUDY, NH & MA	200			200	
PORTSMOUTH HARBOR AND PISCATAQUA RIVER, HN & ME				82	
NEW JERSEY					
DELAWARE RIVER COMPREHENSIVE, NJ	290			290	
HUDSON—RARITAN ESTUARY, HACKENSACK MEADOWLANDS, NJ	204			204	
HUDSON—RARITAN ESTUARY, LOWER PASSAIC RIVER, NJ ..	200			500	
LOWER SADDLE RIVER, BERGEN COUNTY, NJ					375
NEW JERSEY SHORE PROTECTION, HEREFORD TO CAPE MAY INLET				4	150
NEW JERSEY SHORELINE ALTERNATIVE LONG-TERM NOUR- ISHMENT				150	

CORPS OF ENGINEERS—GENERAL INVESTIGATIONS—Continued

[In thousands of dollars]

Project title	Budget estimate		Committee recommendation		
	Investiga- tions	Planning	RECON	FEAS	PED
PASSAIC RIVER MAIN STEM, NJ					250
PASSAIC RIVER, HARRISON, NJ					297
PECKMAN RIVER BASIN, NJ				375	
RAHWAY RIVER BASIN, NJ				300	
RARITAN BAY AND SANDY HOOK BAY, HIGHLANDS, NJ				300	
RARITAN BAY AND SANDY HOOK BAY, LEONARDO, NJ					100
RARITAN BAY AND SANDY HOOK BAY, UNION BEACH, NJ					100
SHREWSBURY RIVER AND TRIBUTARIES					250
SOUTH RIVER, RARITAN RIVER BASIN, NJ					375
STONY BROOK, MILLSTONE RIVER BASIN, NJ				250	
NEW MEXICO					
ESPANOLA VALLEY RIO GRANDE AND TRIBS, NM				400	
RIO GRANDE BASIN, NM, CO & TX				500	
SANTA FE, NM				28	
NEW YORK					
BUFFALO RIVER ENVIRONMENTAL DREDGING, NY	100			100	
FORGE RIVER WATERSHED, LONG ISLAND, NY				125	
HASHAMOMUCK COVE, SOUTHOLD, NY				125	
HUDSON—RARITAN ESTUARY, NY & NJ	200			200	
LAKE MONTAUK HARBOR, NY				250	
MONTAUK POINT, NY					375
NORTH SHORE OF LONG ISLAND, ASHAROKEN, NY				150	
NORTH SHORE LONG ISLAND, BAYVILLE, NY				175	
SAW MILL RIVER WATERSHED, NY					250
SOUTH SHORE OF STATEN ISLAND, NY				200	
TEN MILE RIVER WATERSHED, DUTCHESS CTY, NY & LITCHFIELD				125	
WESTCHESTER COUNTY STREAMS, NY				175	
UPPER DELAWARE RIVER WATERSHED, NY				300	
NEVADA					
TRUCKEE MEADOWS, NV					5,000
NORTH CAROLINA					
BOGUE BANKS, NC				132	
CURRITUCK SOUND, NC	150			150	
NEUSE RIVER BASIN, NC		200			200
NORTH CAROLINA INTERNATIONAL PORT, NC			100		
SURF CITY AND NORTH TOPSAIL BEACH, NC				386	
NORTH DAKOTA					
MISSOURI RIVER, ND, MT, SD, NE, IA, KS, MO				3,000	
RED RIVER OF THE NORTH BASIN, MN, ND, SD & MANI- TOBA, CANADA				500	
OHIO					
BELPRE, OH					150
CUYAHOGA RIVER BULKHEAD STUDY, OH					126
HOCKING RIVER BASIN, MONDAY CREEK, OH					300
MAHONING RIVER ENVIRONMENTAL DREDGING, OH					500
WESTERN LAKE ERIE BASIN, BLANCHARD RIVER WATER- SHED, OH				250	
WESTERN LAKE ERIE BASIN, OH, IN, & MI				250	
OKLAHOMA					
GRAND (NEOSHO) RIVER BASIN WATERSHED, OK, MO, KS & AR				60	
GRAND LAKE COMPREHENSIVE, OK				250	

CORPS OF ENGINEERS—GENERAL INVESTIGATIONS—Continued

[In thousands of dollars]

Project title	Budget estimate		Committee recommendation		
	Investiga- tions	Planning	RECON	FEAS	PED
SOUTHEAST OKLAHOMA WATER RESOURCE STUDY, OK				500	
WASHITA RIVER BASIN, OK				250	
OREGON					
AMAZON CREEK, OR				350	
WALLA WALLA RIVER WATERSHED, OR & WA					500
WILLAMETTE RIVER FLOODPLAIN RESTORATION, OR	240			240	
PENNSYLVANIA					
BLOOMSBURG, PA					700
DELAWARE RIVER DREDGED MATERIAL UTILIZATION, PA, DE, &			125		
UPPER OHIO NAVIGATION STUDY, PA				4,200	
SOUTH CAROLINA					
EDISTO ISLAND, SC	218			218	
SOUTH DAKOTA					
JAMES RIVER, SD & ND				350	
WATERTOWN AND VICINITY, SD					450
TENNESSE					
MILL CREEK WATERSHED, DAVIDSON COUNTY, TN	100			100	
TEXAS					
ABILENE, TX				150	
BRAZOS ISLAND HARBOR, BROWNSVILLE CHANNEL, TX	400			400	
CORPUS CHRISTI SHIP CHANNEL, TX		150			
DALLAS FLOODWAY, UPPER TRINITY RIVER BASIN, TX		207			1,000
FREEPORT HARBOR, TX	400			400	
GIWW, HIGH ISLAND TO BRAZOS RIVER REALIGNMENTS, TX	200			200	
GIWW, HIGH ISLAND TO BRAZOS RIVER, TX		150			150
GIWW, PORT OCONNOR TO CORPUS CHRISTI BAY, TX	350			350	
GUADALUPE AND SAN ANTONIO RIVER BASINS, TX	223			223	
LOWER COLORADO RIVER BASIN, TX	425			425	
NUECES RIVER AND TRIBUTARIES, TX	250			650	
RAYMONDVILLE DRAIN, TX					350
RIO GRANDE BASIN, TX	100			100	
SABINE-NECHES WATERWAY, TX					500
SABINE PASS TO GALVESTON BAY, TX				400	
SPARKS ARROYO COLONIA, EL PASO COUNTY, TX				150	
VERMONT					
MONTPELIER, VT				750	
VIRGINIA					
AIWW BRIDGE AT DEEP CREEK, VA					500
CLINCH RIVER WATERSHED, VA				150	
DISMAL SWAMP AND DISMAL SWAMP CANAL, VA				262	
ELIZABETH RIVER, HAMPTON ROADS, VA		97			97
FOUR MILE RUN, VA				300	
JOHN H. KERR DAM AND RESERVOIR, VA & NC (SECTION 216)	300			300	
LYNNHAVEN RIVER BASIN, VA	175			175	
NEW RIVER, CLAYTOR LAKE, VA					150
UPPER RAPPAHANNOCK RIVER, VA (PHASE II)				200	
VICINITY AND WILLOUGHBY SPIT, VA					200

CORPS OF ENGINEERS—GENERAL INVESTIGATIONS—Continued

[In thousands of dollars]

Project title	Budget estimate		Committee recommendation		
	Investiga- tions	Planning	RECON	FEAS	PED
WASHINGTON					
CENTRALIA, WA					1,200
CHEHALIS RIVER BASIN, WA				1,000	
ELLIOTT BAY SEAWALL, WA				750	
LOWER COLUMBIA RIVER ECOSYSTEM RESTORATION, WA & OR	100			100	
PUGET SOUND NEARSHORE MARINE HABITAT RESTORATION, WA	400			1,500	
PUYALLUP RIVER, WA			57		
SKAGIT RIVER, WA				505	
SKOKOMISH RIVER BASIN, WA				375	
WEST VIRGINIA					
CHERRY RIVER BASIN, WV				150	
LITTLE KANAWHA RIVER, WV				300	
OHIO RIVER BASIN COMPREHENSIVE STUDY, WV, KY, OH, PA				600	
WISCONSIN					
WAUWATOSA, WI			200		
SUBTOTAL FOR PROJECTS	33,356	7,727	1,760	83,207	30,306
NATIONAL PROGRAMS					
AUTOMATED INFORMATION SYSTEMS SUPPORT TRI-CADD	350			350	
ACTIONS FOR CHANGE TO IMPROVE INVESTIGATIONS	2,000				
COASTAL FIELD DATA COLLECTION	1,400			5,600	
Coastal Data Information Program				(1,000)	
Pacific Island Land Ocean Typhoon Experiment, HI				(1,000)	
Surge and Wave Island Modeling Studies, HI				(1,200)	
Wave Data Study				(1,000)	
COMMITTEE ON MARINE TRANSPORTATION SYSTEMS	100			100	
ENVIRONMENTAL DATA STUDIES	75			75	
FEMA/MAP MOD COORDINATION	1,500			1,500	
FLOOD DAMAGE DATA	220			220	
FLOOD PLAIN MANAGEMENT SERVICES	8,000			11,000	
White Clay Creek, New Castle, Delaware				(200)	
Hurricane Evacuation Studies, Hawaii				(1,000)	
Kekaha Flood Study, HI				(100)	
Iowa Multi-State Dam Safety Analyses, Iowa				(37)	
Little Sioux Watershed, IA				(30)	
Mon—Maq Dam Removal Study & Local Floodplain Mas				(100)	
City of Gretna GIS, Louisiana				(254)	
East Baton Rouge Parish, LA [GIS]				(400)	
Livingston Parish, LA (GIS)				(735)	
Papillion Creek Watershed, Flood Plain Mapping,				(500)	
Southeastern, PA				(300)	
HYDROLOGIC STUDIES	250			250	
INDEPENDENT PEER REVIEW	1,000			1,000	
INTERNATIONAL WATER STUDIES	200			200	
NATIONAL SHORELINE STUDY	375			375	
OTHER COORDINATION PROGRAMS	4,080			4,580	
Lake Tahoe Coordination				(500)	
PLANNING ASSISTANCE TO STATES	7,000			8,750	
Delaware Estuary Salinity Monitoring Study, Dela- ware				(200)	
Bacon Creek, Sioux City, IA				(50)	
Boyer River, Missouri Valley, IA				(13)	
Little Sioux Watershed, IA				(30)	

CORPS OF ENGINEERS—GENERAL INVESTIGATIONS—Continued

[In thousands of dollars]

Project title	Budget estimate		Committee recommendation		
	Investiga- tions	Planning	RECON	FEAS	PED
Kansas River Basin Technical Assistance, Kansas .....	.....	.....	.....	(400)	.....
Fife Lake Aquatic Weed Control, MI .....	.....	.....	.....	(300)	.....
Choctaw County Reservoir, MS .....	.....	.....	.....	(100)	.....
Jones County Water Supply, MS .....	.....	.....	.....	(50)	.....
Mississippi Band of Choctaws, MS .....	.....	.....	.....	(50)	.....
Assessment of Bridges and Impacts on Flows and F .....	.....	.....	.....	(150)	.....
Asheville, NC .....	.....	.....	.....	(50)	.....
PLANNING SUPPORT PROGRAM	2,100	.....	.....	3,100	.....
PRECIPITATION STUDIES (NATIONAL WEATHER SERVICE)	225	.....	.....	225	.....
REMOTE SENSING/GEOGRAPHIC INFORMATION SYSTEM SUP- PORT	150	.....	.....	150	.....
RESEARCH AND DEVELOPMENT	16,892	.....	.....	28,000	.....
Submerged Aquatic Vegetation, Maryland .....	.....	.....	.....	(1,000)	.....
SCIENTIFIC AND TECHNICAL INFORMATION CENTERS	50	.....	.....	50	.....
STREAM GAGING (U.S. GEOLOGICAL SURVEY)	600	.....	.....	600	.....
TRANSPORTATION SYSTEMS	350	.....	.....	350	.....
TRIBAL PARTNERSHIP PROGRAM	1,000	.....	.....	1,000	.....
WATER RESOURCES PRIORITIES STUDY	2,000	.....	.....	.....	.....
SUBTOTAL, NATIONAL PROGRAMS	49,917	.....	.....	67,375	.....
SAVINGS AND SLIPPAGE .....	.....	.....	.....	-16,648	.....
TOTAL	83,273	7,727	1,760	133,934	30,306
GRAND TOTAL	91,000	91,000	.....	166,000	.....

Anchorage Harbor Deepening, Alaska.—The Committee recommended \$500,000 to complete the feasibility study and to initiate preconstruction engineering and design. Anchorage harbor provides services to approximately 90 percent of the total population of Alaska, including two military bases.

Valdez Harbor Expansion, Alaska.—The Committee recommends \$150,000 to complete the feasibility phase of the study. The demand for moorage space in the harbor far exceeds the existing capacity of 510 vessels. Rafting during the commercial fishing season has been reported up to eight boats deep on a regular basis.

May Branch, Fort Smith, Arkansas.—\$500,000 is recommended to continue preconstruction engineering and design for this flood control project.

Bolinas Lagoon, California.—The Committee recommends \$350,000 to continue feasibility studies of providing solutions that would restore and maintain a natural tidal prism configuration and tidal circulation in the lagoon.

Los Angeles River Ecosystem Restoration, California.—\$590,000 is recommended to continue the feasibility studies for environmental and historic riparian habitat restoration. Potential projects may provide opportunities to restore environmental conditions, improve water quality, public access, open space and recreation. The potential projects will maintain or improve the current level of flood damage reduction benefits.

Malibu Creek Watershed, California.—The Committee recommendation includes \$150,000 to complete the draft feasibility re-