

APPENDIX B
CONSTRUCTION, GENERAL AND
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES
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SUBAPPENDIX B-1
CONSTRUCTION, GENERAL AND
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES
APPLICABILITY
(RCS CECW-B 13)

B-1.1. Appropriation Title. This appendix provides guidance for preparation of the program request for all new and continuing activities under the appropriation titles Construction, General (CG), including the Inland Waterways Trust Fund (IWTF) and Harbor Services Fund (HSF), as applicable, and Flood Control, Mississippi River and Tributaries for a ten year period, PY through PY+9.

B-1.2. Activities Included.

Activity	Category, Class, Subclass, Code	Guidance Provided in Subappendix Number
Construction, General Appropriation		
Navigation		
Channels and Harbors		
Projects Specifically Authorized by Congress	211	B-2
Dredged Material Disposal Facilities Program	212	B-2
Projects Not Specifically Authorized by Congress (Section 107, 1960 Act and Modifications)	216	B-3
Debris Removal	217	Program not active
Locks and Dams	220	B-2
Mitigation of Shore Damages Attributable to Navigation Projects (Section 111, 1968 Act)		
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Activity	Category, Class, Subclass, Code	Guidance Provided in Subappendix Number
Shore Protection		
Projects Specifically Authorized by Congress		
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Flood Control		
Local Protection		
Projects Specifically Authorized by Congress	511	B-2
Projects Not Specifically Authorized by Congress (Section 205, 1948 Act and Modifications)	516	B-3
Emergency Streambank and Shoreline Protection (Section 14, 1946 Act and Modifications)	517	B-3
Snagging and Clearing (Section 208 1954 Act and Modifications)	518	B-3
Reservoirs	520	B-2
Urban Stormwater Management		
Projects Specifically Authorized by Congress	531	B-2
Projects Not Specifically Authorized by Congress (Section 205, 1948 Act and Modifications)	532	B-3
Dam Safety Assurance	540	B-2

Activity	Category, Class, Subclass, Code	Guidance Provided in Subappendix Number
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Multiple Purpose Power	600	B-2
Dam Safety Assurance	640	B-2
Miscellaneous		
Recreation Facilities at Completed Projects		
Sanitation Facilities, Non-Cost Sharing	711	Transferred to the Operation and Maintenance program
Five-Year Program Funds, Cost Sharing	713	Transferred to the Operation and Maintenance program
Recreation Modernization Program	715	B-4
Project Modifications for Improvement of the Environment (Section 1135, 1986 Act)		
Specifically Funded	721	B-2
Not Specifically Funded	722	B-3
Dam Safety Assurance and Seepage/Stability Correction Projects Not Previously Programmed for Construction	730	No field request
Aquatic Ecosystem Restoration	732	B-3
Aquatic Plant Control	740	No field request
Employee Compensation Fund (Payments to Department of Labor)	750	No field request
Wetlands Restoration and Enhancement Demonstration Program (Section 307 (d), 1990 Act)		
Specifically Funded	761	Program not active
Not Specifically Funded	762	No field request

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Activity	Category, Class Subclass, Code	Guidance Provided in Subappendix Number
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Environmental Mitigation, Restoration, and Protection	771	B-2
Environmental Infrastructure	772	B-2
Shoreline Erosion Control Demonstration (Section 54, 1974 Act)	780	Authorization expired
Beneficial Uses of Dredged Material (Section 204, 1992 Act)		
Specifically Funded	791	B-2
Not Specifically Funded	792	B-3
Rehabilitation		
Major Rehabilitation		
Navigation		
Channels and Harbors	813	B-2
Locks and Dams	814	B-2
Flood Control		
Local Protection Projects Specifically Authorized by Congress	816	B-2

Activity	Category, Class, Subclass, Code	Guidance Provided in Subappendix Number
Reservoirs	817	B-2
Multiple Purpose Power Projects	818	B-2
Minor Rehabilitation	820	Program not active
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Flood Control	320	B-2
Dam Safety Assurance	324	B-2
Streambank Erosion Control Evaluation and Demonstration (Section 32, 1974 Act)	330	Authorization expired
Major Rehabilitation		
Navigation	812	B-2
Flood Control	815	B-2
New Construction Starts	As applicable	B-2
New Major Rehabilitation	As Applicable	B-2

SUBAPPENDIX B-2
CONSTRUCTION - NEW AND CONTINUING

B-2.1. Objective. This subappendix applies to new and continuing construction projects, new and continuing major rehabilitation projects, new and continuing dam safety assurance projects, new and continuing deficiency correction projects, new and continuing reconstruction projects, new and continuing dredged material disposal facility projects, new and continuing reimbursement projects, resurrections, unstarted projects previously funded for construction, and unstarted separable elements of ongoing construction projects funded under the Construction, General (CG) appropriation, including the Inland Waterways Trust Fund (IWTF) and Harbor Services Fund (HSF), as applicable, and the Flood Control, Mississippi River and Tributaries (MR&T) appropriations. The overall goal for the construction program is to develop a 10 year (PY through PY+9) construction program and complete committed projects as economically and quickly as practicable within program constraints and consistent with current national priorities. The major objective is to maintain, insofar as possible, a Baseline Level project construction schedule. We will adhere to Army policy and the guidance provided in the main part of the EC. Nevertheless, program requests should be submitted for all available new start projects and separable elements which meet the preliminary selection criteria in Table B-2.1 and all continuing projects and programs including environmental infrastructure programs. This will provide information for use in making program decisions on projects and programs for which funds may be added by Congress in PY-1. We will undertake all projects and programs included in the President's PY-1 program and continue to nourish shore protection projects for which project cooperation agreements were executed prior to FY96 until the expiration date of the renourishment period specified in the project cooperation agreements. ~~We will also program funds for all continuing shore protection projects, including those added by Congress, on an equal footing with other project purposes. This is consistent with the Administration's position that, if acceptable legislation is enacted to increase non-Federal cost sharing and decrease Federal involvement in long term beach renourishment, then shore protection projects would be eligible for budgeting on a basis comparable with other projects.~~

B-2.2. Assumed PY-1 Work Allowances and Assumed PY-1 and PY Assigned Savings and Slippage.

a. Assumed PY-1 work allowances must be based on a proportional assignment of savings and slippage applied against the amount included for each project in the conference report which accompanies the PY-1 appropriations act, or the PY-1 program in the absence of Congressional action on the PY-1 appropriations, except for projects directed to be undertaken with amounts specified in the PY-1 appropriations act which are not subject to savings and slippage. Projects may show a reprogramming of funds to offset the assigned savings and slippage amount, if necessary. However, such reprogrammings must be within HQUSACE CECW-B authority and must be offsetting within each Division. Assumed PY-1 savings and slippage reductions are shown on Table B-2.3. Final savings and slippage reductions will be based on Congressional action on the PY-1 appropriations. Federal and non-Federal funding information (including allocations, contributions, obligations, undelivered orders, and unobligated carryovers) shown on required supporting data for each project for which funds are requested in the PY must be reconciled with the latest available financing and accounting records. After PY-1 work allowances have been allotted, allocations for the PY-1 must also be reconciled with the latest available finance and accounting records for affected projects.

B-2.3. New Start Construction Projects.

a. The first objective of the new start program is to bring together for consideration as new start construction recommendations a list of high quality projects and separable elements, justified based on NED benefits or responsive to mitigation, restoration, or protection of environmental resources, which are ready to be started in the PY, have approved M-CACES baseline cost estimates, and are strongly supported by non-Federal sponsors. Projects and separable elements which meet the basic and preliminary selection criteria listed in Table B-2.1 may be recommended as new construction starts. Note that a current economic analysis for each new start

construction project or element must be approved not earlier than 3 fiscal years prior to the fiscal year of the submission of the program request to HQUSACE CECW-B. This will ensure the analysis can be considered current when the actual program decisions are made and help preclude the need for an additional update prior to an implementation decision (i. e., executing a PCA). For example, a PY new start program request made in PY-2 must have an economic analysis contained in an official report approved in or later than PY-5. This analysis will be included in an approved decision document such as a Chief of Engineers Report, Engineering Documentation Report (EDR), General or Limited Reevaluation Report (GRR or LRR), Post Authorization Change Report (PAC), or other special study report which must be approved by the MSC or HQUSACE CECW-EP or CECW-P, as applicable. A Design Documentation Report (DDR) is a technical document approved by a District and should not include information such as formulation of alternatives or economic analyses. A decision document that includes technical design information together with formulation of alternatives or economic analyses should be properly labeled as an LRR, GRR, EDR, or PAC, as applicable. After a decision has been made by the Director of Civil Works and ASA(CW) to include a project, separable element, resumption, or unstarted project in the PY program and construction funds have been appropriated for such work, no further update of the economic analysis will be required during the approval process for the non-Federal sponsor's financing plan and execution of the PCA provided the PCA is approved in the PY and no significant changes which may effect economic justification have been made from the latest approved document. The same current economic analysis requirements for PCA projects apply to non-PCA projects, such as inland navigation and major rehabilitation projects, for obtaining approval to initiate construction. Program requests should be submitted for all available new start projects and separable elements which meet the preliminary selection criteria in Table B-2.1. This will provide information for use in making program decisions on projects for which funds may be added by Congress in PY-1.

b. Potential new starts candidates should be reviewed relative to the prioritization criteria shown in Table B-2.1. There are 6 priority levels; each level differentiates the relative compliance (as shown by an X) with each of the screening criteria: economic considerations, environmental considerations, and mitigation, restoration, or protection of environmental resources. Recommended new starts must be in priority category 1 through 3.

c. The second objective of the new start program is to develop a 10 year construction program which will provide for an orderly flow of urgently needed and locally supported projects that are in accord with current policies and priorities. In accordance with this objective, Divisions will prepare an Illustration B-2.1, Project Data Summary, for each project or separable element which they expect to recommend as a continuing project, if initial CG funding is derived from the CG Dam Safety and Seepage/Stability Correction Program or the CG Dredged Material Disposal Facilities Program, or as a new construction start during the period PY through PY+9. This includes new major rehabilitation projects (including seepage or stability correction projects), new dam safety assurance projects, new deficiency correction projects, new reconstruction projects, new dredged material disposal facility projects, new reimbursement projects, resumptions, unstarted projects, and unstarted separable elements of ongoing projects. Divisions will also prepare an Illustration B-2.1, Project Data Summary, for each unprogrammed separable element which has not been reclassified to the inactive category. The fiscal year of new start construction for such separable elements will be 2099. Non-Federal cash contributions and non-Federal other costs must not be programmed for any new start project or separable element in advance of programmed Federal funds even though the non-Federal sponsor may incur costs prior to the allocation of Federal funds. Such non-Federal costs will be reflected in the Illustration B-2.1 and Detailed Project Schedule, PB-2a, only after Federal funds are allocated. Individual Illustrations B-2.1 prepared for programmed and unprogrammed separable elements will be rolled up into their parent projects by PRISM. The projects programmed for construction in PY through PY+9 must be based on the estimates and schedules established for programmed studies and PED projects, as applicable. Furthermore, Divisions must assure that the data shown in Illustration B-2.1 are compatible with data in Illustration A-2.5, General Investigations Data Summary Table, so that construction is programmed no earlier than the year following PED completion and project cost estimates in both illustrations are identical. We intend to adhere to programmed PED completion schedules to the maximum extent possible and select future new starts from projects shown as available for construction in the PY+1 based on data which supports the President's program for the preceding year.

d. Each recommended new start construction project or separable element requires submission of a decision document to serve as the basis for new start selection and executing the PCA required by the Water Resources Development Act of 1986. This requirement can be satisfied by an approved EDR, as applicable, or a MSC or HQUSACE CECW-P approved GRR, as applicable, or HQUSACE CECW-P approved feasibility report with engineering appendix. In negotiating the terms of the PCA, no commitments relating to a construction schedule or follow-on funding can be made to the non-Federal sponsor until after the economic analysis, if applicable, and the EDR or feasibility report with engineering appendix has been approved by the MSC or HQUSACE CECW-EP or CECW-P, as applicable, the planning and policy review process has been completed by ASA(CW), the project or element has been included in the PY program, and the draft PCA has been approved by ASA(CW). The PCA will be executed between the non-Federal sponsor and ASA(CW) after funds are appropriated for construction and prior to advertisement of the initial construction contract for the project or element.

B-2.4. Major Rehabilitation, Dam Safety Assurance, Deficiency Correction, Reconstruction, and Dredged Material Disposal Facility Projects.

a. Recommended new starts for major rehabilitation, dam safety assurance, deficiency correction, reconstruction, and dredged material disposal facility projects will undergo a critical review and selection process in accordance with the criteria listed below. Reconnaissance or evaluation reports and subsequent planning, engineering, and design for major rehabilitation (~~except seepage or stability correction projects~~), ~~dam safety assurance~~, deficiency correction, ~~and~~ reconstruction, ~~and dredged material disposal facility~~ projects will be funded from Operation and Maintenance, General (O&M) funds allocated for project operation and maintenance or inspection of completed works, as applicable, until CG funds, IWTF, and HSF, as applicable, are appropriated and allocated for such projects. Reconnaissance or evaluation reports for major rehabilitation seepage or stability correction projects and dam safety assurance projects will be funded from O&M funds. Subsequent planning, engineering, and design for these projects will be funded from the CG Dam Safety and Seepage/Stability Correction Program until the next PY when they will be included in the PY request as continuing projects. Dredged material management plans for dredged material disposal facility projects will be funded from O&M funds. Subsequent planning, engineering, and design for these projects will be funded from the CG Dredged Material Disposal Facilities Program until the next PY when they will be included in the PY request as continuing projects. However, no post-evaluation planning, engineering, and design for major rehabilitation, dam safety assurance, deficiency correction, reconstruction, and dredged material disposal facility projects shall be funded from O&M or CG allocations until a reconnaissance or evaluation report has been approved by HQUSACE CECW-AR, CECW-EP, CECW-P, or CECW-O, ~~respectively, as applicable.~~ Preconstruction activities for PY-2 and PY-1 should be funded by reprogramming available O&M funds for applicable projects only after the reconnaissance or evaluation report has been approved by HQUSACE CECW-AR, CECW-EP, CECW-P, or CECW-O, as applicable. Initial CG funds, IWTF, and HSF, as applicable, will be programmed for major rehabilitation (~~except seepage or stability correction projects~~), ~~dam safety assurance~~, deficiency correction, ~~and~~ reconstruction, ~~and dredged material disposal facility~~ projects after applicable reconnaissance or evaluation reports have been approved by HQUSACE CECW-AR, CECW-EP, CECW-P, CECW-O and ASA(CW), as applicable. For PY01 and later, initial preconstruction activities and initial construction work, if applicable in the first year of CG funding, for dam safety assurance projects, major rehabilitation seepage or stability correction projects, and dredged material disposal facility projects will be funded under the CG 730 category and class (Dam Safety Assurance and Seepage/Stability Correction Program or the Dredged Material Disposal Facilities Program, as applicable, after approval of an appropriate report. Project Not Previously Programmed for Construction). In subsequent years, all activities for these projects will be specifically funded in the PY request as continuing projects.

b. In negotiating the terms of a PCA, if required, no commitments relating to a construction schedule or follow-on funding can be made to the non-Federal sponsor until after the economic analysis, if applicable, and the

reconnaissance or evaluation report has been approved by HQUSACE CECW-AR, CECW-EP, CECW-P, or CECW-O, as applicable, the planning and policy review process has been completed by ASA(CW), the project or element has been included in the PY program, and the draft PCA has been approved by ASA(CW). The PCA will be executed between the non-Federal sponsor and ASA(CW) after funds are appropriated for construction and prior to advertisement of the initial construction contract for the project.

c. New Major Rehabilitation Projects.

(1) The FY 92 program moved major rehabilitation projects from the O&M appropriation to the CG appropriation. All new major rehabilitation projects will be funded with CG funds; however, continuing major rehabilitation projects started prior to FY 92 under O&M will be completed with O&M funds. One-half of the funding for new major rehabilitation projects for inland and coastal waterways proposed for funding in the PY will be derived from the IWTF.

(2) The major rehabilitation program consists of work included in one or both of two mutually exclusive categories: reliability and efficiency improvement. The threshold amounts listed below for each category are adjusted annually according to the Administration's economic assumptions.

(a) The reliability category encompasses major project feature restoration consisting of structural work on a Corps operated and maintained facility such a lock, dam, hydropower plant. etc., intended to improve the reliability of an existing structure, the result of which will be a deferral of capital expenditures to replace the structure. Rehabilitation will be considered as an alternative when it can significantly extend the physical life of the feature and can be economically justified by benefit-cost ratio analysis. The work will extend over at least two full construction seasons and will require at least ~~\$5.6~~ \$6.0 million in capital outlays. For inland waterways navigation projects, the reliability threshold will be ~~\$9.0~~ \$9.6 million.

(b) The efficiency improvement category encompasses work that will enhance operational efficiency of major project components. Operational efficiency will increase outputs beyond the original project design. Efficiency improvements will require at least ~~\$1.14~~ \$1.18 million in capital outlays on a component which does not exhibit reliability problems.

(3) The project must have an evaluation report at HQUSACE CECW-AR for review by 15 March of the PY-2 in accordance with chapter 3 of ER 1130-2-500 and chapter 3 of EP 1130-2-500 with HQUSACE CECW-AR and ASA(CW) approval, as applicable, expected by 1 August of the PY-2.

(4) The proposed work must require no additional Congressional authorization.

(5) For PY01 and later, initial preconstruction activities and initial construction work, if applicable in the first year of CG funding, for major rehabilitation seepage or stability correction projects will be funded under the CG Dam Safety and Seepage/Stability Correction Program after approval of the evaluation report. In subsequent years, all activities for these projects will be specifically funded in the PY request as continuing projects.

d. New Dam Safety Assurance Projects.

~~(1) All new dam safety assurance projects that have not been previously funded with CG funds will be treated as new start construction projects for actual physical construction.~~

~~(2)~~ (1) The project must have an evaluation report, including a base safety standard analysis, approved by HQUSACE CECW-EP and ASA(CW), as applicable, or at HQUSACE CECW-EP for approval, as applicable, by

1 June of the PY-2 with HQUSACE CECW-EP and ASA(CW) approval, as applicable, expected by 1 August of the PY-2 to be considered for inclusion in the PY program as a continuing project.

~~(3)~~ (2) The proposed work must require no additional Congressional authorization.

(3) For PY01 and later, initial preconstruction activities and initial construction work, if applicable in the first year of CG funding, for dam safety assurance projects will be funded under the CG Dam Safety and Seepage/Stability Correction Program after approval of the evaluation report. In subsequent years, all activities for these projects will be specifically funded in the PY request as continuing projects.

e. **New Deficiency Correction Projects.** The threshold for using CG funds at Corps of Engineers operated and maintained projects recommended for new start deficiency corrections is \$5 million. Deficiencies with an estimated total cost of less than \$5 million at Corps of Engineers operated and maintained projects will be corrected using O&M funds.

(1) For non-Federally operated and maintained projects with an estimated total cost less than \$5 million for which the reconnaissance report recommends cost sharing in accordance with the concepts reflected in the Water Resources Development Acts of 1986 and 1996, the project must have a reconnaissance report approved by HQUSACE CECW-EP, as applicable, or at HQUSACE CECW-EP for approval, as applicable, by 1 June of the PY-2 with HQUSACE CECW-EP approval, as applicable, expected by 1 August of the PY-2.

(2) For both Corps of Engineers and non-Federally operated and maintained projects with an estimated cost equal to or greater than \$5 million or for which the reconnaissance does not recommend cost sharing in accordance with the concepts reflected in the Water Resources Development Acts of 1986 and 1996, the project must have a reconnaissance report approved by HQUSACE CECW-EP and ASA(CW), as applicable, or at HQUSACE CECW-EP for approval, as applicable, by 1 June of the PY-2 with HQUSACE CECW-EP and ASA(CW) approval, as applicable, expected by 1 August of the PY-2.

(3) The proposed work must require no additional Congressional authorization.

f. **New Reconstruction Projects.**

(1) Older projects that are properly operated and maintained by non-Federal sponsors but are no longer performing satisfactorily primarily due to their advanced age may be considered for reconstruction. The proposed work will insure that the project continues to deliver the full benefits intended by Congress at the time of authorization; will not expand or change the authorized scope, function, or purpose of the project; and is not operation and maintenance typically associated with a project or corrective work required due to improper maintenance on the part of the non-Federal sponsor.

(2) The project must have a reconnaissance report approved by HQUSACE CECW-P and ASA(CW), as applicable, or at HQUSACE CECW-P for approval, as applicable, by 1 June of the PY-2 with HQUSACE CECW-P and ASA(CW) approval, as applicable, expected by 1 August of the PY-2.

(3) The proposed work must require no additional Congressional authorization.

g. **New Dredged Material Disposal Facility Projects.**

(1) Section 201 of the Water Resources Development Act of 1996 provides that the cost of constructing land based and aquatic dredged material disposal facilities that are necessary for the disposal of dredged material for the construction and operation and maintenance of Federal navigation projects for harbors and inland harbors will

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be shared as a general navigation feature of the project in accordance with Section 101 (a) of the Water Resources Development Act of 1986. Beginning with the FY 99 program, the Federal share of all dredged material disposal facilities for existing navigation projects for which a construction contract for the dredged material disposal facility was not awarded on or before 12 October 1996 will be funded with CG funds. However, continuing dredged material disposal facility projects started prior to FY 99 will be completed with O&M funds. All Federal funding for dredged material disposal facilities for maintenance of existing Federal navigation projects for harbors and inland harbors, whether funded from O&M or CG funds, is reimbursable from the HSF.

(2) Dredged material disposal facility needs will be identified through O&M funded dredged material management planning activities. Guidance on development, review, approval, and implementation of dredged material management plans is contained in EC 1165-2-200. An advance copy of the EC was distributed by CECW-A/CECW-O/CECW-P memorandum, 19 August 1994, subject: Implementation of Guidance on Dredged Material Management Plans (EC 1165-2-200, Advance Copy dated 21 July 1994). A feasibility level decision document on the dredged material disposal facilities proposed for Corps construction will be submitted to HQUSACE CECW-O for review and approval, including ASA(CW) approval, as applicable. This report could be a completed dredged material management plan or an interim report.

(3) The project must have an appropriate report approved by HQUSACE CECW-O and ASA(CW), as applicable, or at HQUSACE CECW-O for approval, as applicable, by 1 June of the PY-2 with HQUSACE CECW-O and ASA(CW) approval, as applicable, expected by 1 August of the PY-2 to be considered for inclusion in the PY program as a continuing project.

(4) For PY99 and later, initial preconstruction activities and initial construction work, if applicable in the first year of CG funding, for dredged material disposal facility projects will be funded under the CG Dredged Material Disposal Facilities Program after approval of the dredged material management plan. In subsequent years, all activities for these projects will be specifically funded in the PY request as continuing projects.

B-2.5. Reimbursement Projects. Requests for PY funds for construction reimbursement payments to local interests will be submitted as part of the continuing construction program only for reimbursement projects which have previously received an allocation of construction funds for prior reimbursements. Requests for PY funds for reimbursement projects which have not received a prior allocation of construction funds for reimbursement will be submitted as new start construction projects in accordance with the guidance in this subappendix. PY requests may be for all or part of the unfunded Federal share of construction costs on projects, or useful units thereof, which have been completed or are scheduled to be completed as of 30 September of the PY-1, exclusive of previous and anticipated payments for funded work scheduled for completion through the PY-1.

B-2.6. Separable Elements of Ongoing Construction Projects, Resumptions, and Unstarted Projects Previously Funded for Construction.

a. A separable element is a portion of a project which is physically separable from other portions of the project, and which achieves hydrologic effects or produces physical or economic benefits which are separately identifiable from those produced by other portions of the project. **Each item which requires a PCA or memorandum of agreement (MOA) or requires an amendment to such an existing document will be treated as a separable element.**

b. Unstarted separable elements that are not economically justified at the current discount rate, excluding recreation benefits and costs, must not be programmed for planning, engineering and design or construction. Planning, engineering and design and construction for separable elements that are economically justified at the current discount rate excluding recreation benefits and costs may be programmed in the period PY through PY+9. **However, information required for PY new construction starts must be submitted for such separable elements for the PY in which they are programmed to initiate construction.** Unstarted

separable elements, both programmed and unprogrammed, as applicable, must reflect the cost sharing and financing concepts in the Water Resources Development Acts of 1986 and 1996.

c. Although funds for separable elements of ongoing construction projects are not programmed on an individual basis and are included as part of the program requests for their parent projects, each active uncompleted separable element, whether programmed or unprogrammed, must be shown individually, similar to a subproject in the Project Cost Estimate, PB-3, and Detailed Project Schedule, PB-2a, which are prepared for each parent project. Each such separable element must include its applicable construction costs plus its associated planning, engineering and design and construction management costs. Total Federal and non-Federal costs for each separable element must also be shown on the PB-3 and PB-2a. Furthermore, the method of financing for Federal and non-Federal funds for each separable element must also be shown on the PB-2a. In addition to the separable elements identified during previous program submissions, all other uncompleted separable elements must be shown on PB-3s and PB-2as, even if funds are not requested for the separable elements in the PY. Also, a separate Illustration B-2.1, Project Data Summary, must be prepared for each separable element shown on the PB-3 and PB-2a. In addition, Illustration B-2.4, PY Justification Sheet must be submitted for each unstarted separable element recommended for funding for construction in the PY. For this purpose, unstarted separable elements are those that will not have construction work under contract by 30 September of the PY-1.

d. Resumptions are projects on which construction was stopped but can now be resumed. Unstarted projects are projects that were previously funded for construction but not physically started. For this purpose, resumptions and unstarted projects are those that will not have construction work under contract by 30 September of the PY-1, were not included in the PY-1 program, or were not funded in the conference report which accompanied the PY-1 appropriations act.

e. Economic analyses supporting PY funding requests for the early stages of planning, engineering and design for unstarted separable elements, resumptions, and unstarted projects should be presented as follows: Costs should be updated to current price levels. Benefits should be those reported in the latest approved evaluation, e.g., EDR or reevaluation report, and must not be price indexed in any case except for specific benefit categories such as roads, bridges, and rail lines provided that these benefits do not constitute a major portion of overall benefits. The total BCR at the applicable and current discount rates will be computed in the following manner: deflate the updated project cost to the price level of the latest approved detailed economic evaluation using adjustments for price level changes experienced in the interim period. The CWCCIS and ENR indices are both acceptable for use in deflating project costs. Next, annualize the deflated project cost at each discount rate and divide the costs into the benefits which also must be annualized at each discount rate. Economic analyses supporting PY funding requests for construction of unstarted separable elements, resumptions, and unstarted projects must be contained in an official report approved in or later than PY-5. In no case should the benefits be price indexed except for specific benefit categories such as roads, bridges, and rail lines provided that these benefits do not constitute a major portion of overall benefits. After a decision has been made by the Director of Civil Works and ASA(CW) to include a separable element, resumption, or unstarted project in the PY program and construction funds have been appropriated for such work, no further update of the economic analysis will be required during the approval process for the non-Federal sponsor's financing plan and execution of the PCA provided the PCA is approved in the PY and no significant changes which may effect economic justification have been made from the latest approved document.

f. Unstarted separable elements, resumptions, and unstarted projects being considered for construction will undergo the same critical review and selection process as new start construction projects in accordance with the criteria listed in Table B-2.1 and must be supported by an approved EDR, as applicable, or MSC or HQUSACE CECW-P approved LRR or GRR, as applicable, which specifically addresses the work recommended for construction.

B-2.7. Adjustments to PY-1 Programs. When Congress takes action on the PY-1 appropriations bill, appropriate revisions to Division submissions will be requested.

B-2.8. Cost Estimates and Inflation Factors. Cost estimates for all construction projects and separable elements will be based on a 1 October of the PY-1 price level with an allowance for inflation through the construction period assuming an efficient rate of construction.

a. Project Cost Estimates, PB-3s, for projects which are recommended for funding in the PY should be updated to a 1 October of the PY-1 price level in accordance with the instructions in ER 11-2-240. Separable elements must be shown individually on the PB-3s. Federal and non-Federal cost sharing must reflect the guidance in this subappendix. The cost estimates for new start construction projects, new major rehabilitation projects (including seepage or stability correction projects), new dam safety assurance projects, new deficiency correction projects, new reconstruction projects, new dredged material disposal facility projects, resumptions, new reimbursement projects, unstarted projects, and unstarted separable elements must be complete and reliable to assure credibility with the project sponsor, the Administration, and the Congress.

b. Inflation factors for the period PY through PY+9 which must be used for updating cost estimates to include future inflation for the PY submission to CECW-B are shown on Table 1 of the EC. These factors must be used to escalate future costs for consultants, A-E contractors, GM/GS employees, wage board employees, construction, and operation and maintenance activities through the construction period for each project. The PY+9 inflation factors, compounded as appropriate, must be used for that portion of the construction period beyond PY+9 to project completion. Instructions for escalating estimates beyond PY+9 are provided at the bottom of Table 1.

c. Effective 1 October 1985, funds obligated for continuation of planning and engineering studies (CP&E) are considered project costs and must be included in project cost estimates. However, CP&E funds obligated prior to 1 October 1985 remain excluded from project cost estimates. Funds allocated for CP&E, which are obligated on or after 1 October 1985, and all advance engineering and design (AE&D) and preconstruction engineering and design (PED) funds shall be made a part of the cost allocation to project purposes and the cost apportionment between Federal and non-Federal shares.

d. Items which are indefinite or unprogrammed will be based on a 1 October of the PY-1 price level without an allowance for future inflation and their costs will be included in the unprogrammed balance to complete for each project. Indefinite or unprogrammed items include parts of projects that will very likely not be programmed due to lack of local support or other non-funding reasons, unstarted separable elements which have a benefit-cost ratio less than 1.0 at the current discount rate excluding recreation benefits and costs, and some physically unstarted projects or separable elements which are not presently ready for initiation of construction and which require further design. Many items in the unprogrammed balance to complete, although currently designated as active, may eventually be deauthorized or reclassified to the deferred or inactive categories, and all items must reflect the cost sharing and financing concepts in the Water Resources Development Acts of 1986 and 1996. Some indefinite or unprogrammed items may proceed to construction at a future date, at which time they would be included in the programmed portion of the applicable project.

e. Contracts for programmed work and other associated activities such as land acquisition, planning, engineering and design, and construction management will be inflated through the construction period for each project to project completion.

f. Cost estimates and program requests will include future pay raises for GM/GS and wage board employees through the construction period to project completion. Adjustments will be made by CECW-B to reflect, if necessary, Administration assumptions regarding absorption of the raises.

g. To estimate the inflation allowance for construction projects to be included in the PY submission to CECW-B, and for other projects where appropriate, use the methodology provided below and the schedule developed for each project at the Baseline Level. The inflation allowance for each project will be computed only once and will be used without recomputation for all funding level schedules. The Non-Federal costs for these projects will be escalated to include an inflation allowance for future years in the same manner as Federal costs.

h. Instructions for escalating project cost estimates to include an allowance for future inflation are provided below.

(1) Develop a Baseline Level schedule for each project at a 1 October of the PY-1 price level.

(2) Do not further escalate contracts already awarded or to be awarded by 30 September of the PY-2.

(3) Escalate each contract to be awarded in the PY-1 and future years through its construction period in accordance with the guidance in Table 1.

(4) Escalate land acquisition, in-house planning, engineering and design costs, in-house construction management costs, and Non-Federal costs through the construction period also in accordance with the guidance in Table 1.

B-2.9. Schedules, Completion Dates, Contingencies and Funding Levels.

a. A Detailed Project Schedule, PB-2a, will be prepared using PRISM for each project for the Baseline Level based on the assumptions noted above in accordance with the PRISM Users Manual. However, the automated PB-2a/PBS link will not be activated. Therefore, the Baseline Level funding amounts from the PB-2a may be input into PBS by PRISM or may be manually input into PBS for Illustration B-2.1, Project Data Summary.

b. A completion date for each project will be developed for the Baseline Level. If the completion date for the entire project is indefinite, then the completion date for the currently programmed construction work will be used. If planning, engineering and design is the only programmed activity and all construction work is unprogrammed, then the completion date will be shown as indefinite. For projects which include beach nourishment, show separate completion dates for initial construction and periodic nourishment.

c. After the Baseline Level is developed using PRISM, Districts/Divisions will also develop a Capability Level, defined below, for each project by inputting data directly into PBS for Illustration B-2.1, Project Data Summary, prior to submission of all information to CECW-B. **The Capability Level funding for each fiscal year, including inflation allowances, should reflect the amounts that can realistically be expended during the 10-year period, PY through PY+9, based on in-house technical capability and a realistic financing capability on the part of the non-Federal project sponsors. It is extremely important that Districts and Divisions carefully consider Capability Level amounts, and not merely copy the Baseline Level amounts into the Capability Level unless the Baseline Level amounts actually reflect their Capability Level efforts. The ten year program recommendations to OMB and reallocations of PY through PY+9 ceiling amounts will be derived from the Capability Level. Districts and Divisions that merely copy the Baseline Level amounts into the Capability Level for convenience and ease of entry will be shortchanged in the ceiling allocation process.**

d. Savings and slippage reductions and assumed work allowances for the PY-1 construction program, as discussed above, must be reflected in the PB-2as which are submitted to CECW-B using PRISM.

e. The cost estimate for each project, subproject, or separable element of a project must include a separate item for contingencies as an allowance against some adverse or unanticipated condition not susceptible to exact

evaluation from available data. Contingencies will be displayed under a separate feature using feature code 59. Separate line-items and descriptions may be used, if desired, under feature 59 to specifically display the contingencies associated with the work shown under features 01 through 31. The contingency allowance should be varied according to the stage of planning and design after considering the sufficiency of the data which form the basis of each quantity estimate. ER 1110-2-1302, appendix D, shows reasonable percentage factors to be used for contingency allowances in estimates of costs for construction and relocation features. For projects that are not programmed to complete in the PY, the project cost estimate may include appropriate contingency allowances. However, the PY request must not include an amount for contingencies and such allowances must be distributed in the outyears in proportion to the work to which the contingencies apply. Contingencies may only be included in the programmed or unprogrammed balance to complete in proportion to the work included therein. For projects that are programmed to complete in the PY, the PY request may include an appropriate, reasonable amount for contingencies. As a project nears completion, the contingency allowance must be reduced accordingly. **In no case will contingencies for completed work be included in the programmed or unprogrammed balance to complete subsequent to programmed project completion in the PY through PY+9.** Claim settlements and deficiency judgements in the PY through PY+9 will be handled in accordance with normal reprogramming procedures. PY through PY+9 requests must not include amounts for anticipated claim settlements or anticipated deficiency judgements.

f. Optimum funding schedules for continuing projects and separable elements included in the President's program far exceed the available ceilings for each fiscal year. This is true notwithstanding any proposed policy changes. Therefore, optimum project schedules must be fundamentally revised to accommodate the allocated ceilings. This will extend project completion dates far beyond their optimum schedules and may require undesirable contract sequencing, such as scheduling contracts on a no-gap basis or even including periods where no work is underway. We realize that delays due to constrained program ceilings will be a primary cause of extended project completion dates. **When project schedules are revised to accommodate the allocated ceilings, individual contracts, including associated contingencies, must be continuous. Contracts must not show lapses in earnings or show contingencies in the programmed or unprogrammed balances to complete separately from other portions of the contract. If large contracts cannot be accommodated within the allocated ceilings, they must be broken up into discrete pieces. Furthermore, contracts must not be awarded in such a manner that they create future funding requirements that cannot be accommodated within the allocated ceilings. Above all, programmed projects and separable elements must be treated consistently, and specific projects should not be singled out for accelerated funding nor should they be unduly delayed. Project managers must be involved in developing the revised project schedules. They have a crucial role to play in complying with the constrained funding ceilings and must be deeply involved in finding the least damaging ways to reduce funding requirements.**

g. Funding level definitions are provided below.

(1) **Baseline Level.**

(a) The Baseline Level includes funds to maintain, insofar as possible, the completion dates for all continuing construction projects based on the Administration's PY-1 program. The Baseline Level should reflect the funding decisions shown on the PY-1 Congressional Detailed Project Schedules (PB-2as); that is, earnings for new or unawarded contracts should not be accelerated and earnings for ongoing contracts should reflect actual progress. However, contracts for unprogrammed separable elements which were not programmed in the PY-1 program may be programmed in the PY or outyears as otherwise appropriate. Also, new start construction projects, new major rehabilitation projects (including continuing seepage or stability correction projects), new dam safety projects not previously budgeted, new deficiency correction projects, new reconstruction projects, new dredged material disposal facility projects not previously budgeted, new reimbursement projects, resumptions, unstarted

projects, unstarted separable elements, and periodic beach nourishment projects not included in the PY-1 program will be included in this level.

(b) To assure consideration of the OMB funding ceilings for CG, including IWTF, HSF, and MR&T, and minimize revision of field input after submission to CECW-B, Baseline Level ceiling amounts for PY through PY+9 for items covered by this subappendix have been assigned to Divisions as shown on Table B-2.3. These ceilings reflect the OMB PY ceilings for CG, including IWTF, HSF, and MR&T appropriations. Each Division's total Baseline Level amount for CG, IWTF, and HSF **continuing** projects must not exceed its assigned ceiling for the PY through PY+9. Ceiling amounts may not be shifted to subsequent fiscal years to reflect schedule slippages. CECW-B may adjust assigned ceiling amounts subsequent to the initial program submission to reflect Congressional action on the PY-1 appropriations or other special circumstances. Nevertheless, each Division's initial program submission must not exceed its assigned PY through PY+9 ceilings for continuing projects. The CG, IWTF, and HSF ceiling amounts **include** all PY continuing items covered by subappendix B-2 which were programmed in PY-1 (i. e. PY-1 continuing construction projects, major rehabilitation projects, dam safety assurance projects, deficiency correction projects, reconstruction projects, dredged material disposal facility projects, reimbursement projects, resumptions, unstarted projects, unstarted separable elements) ~~and periodic beach nourishment projects not included in the PY-1 program~~. The applicable ceiling amounts assigned to designated high priority projects included in the President's PY-1 program must not be diverted to other continuing projects. If the ceiling cannot be used on a designated high priority project, the excess amount must be reported to CECW-BE so that it can be reallocated to meet Corps wide needs. The CG, and IWTF ceiling amounts **exclude** continuing construction projects, or portions thereof, excluded from the President's PY-1 program by OMB, and all PY through PY+9 new starts, including new start construction projects, new major rehabilitation projects, new dam safety assurance projects, new deficiency correction projects, new reconstruction projects, new reimbursement projects, new dredged material disposal facility projects, resumptions, unstarted projects, ~~and unstarted separable elements, and periodic beach nourishment projects not included in the PY-1 program~~. Division CG total program amounts may exceed their CG and IWTF ceilings by the amount for new start activities and continuing projects, or portions thereof, excluded from the President's PY-1 program by OMB. We will adjust each Division's total CG and IWTF ceiling amount after selections are completed for new start and continuing items to be included in the PY submission to OMB and Congress. For MR&T, the ceilings include both new starts and PY continuing items.

(2) **Decrement Level.** A Decrement Level input will not be required with the initial program submission.

(3) **Capability Level.** In addition to the activities in the Baseline Level, the Capability Level includes funds to advance the construction schedule of a project by advancing the completion of a useful increment of work to provide earlier realization of benefits or by advancing completion of the entire project. **The Capability Level funding for each fiscal year, including inflation allowances, should reflect the amounts that can realistically be expended during the 10-year period, PY through PY+9, based on in-house technical capability and a realistic financing capability on the part of the non-Federal project sponsors. It is extremely important that Districts and Divisions carefully consider Capability Level amounts, and not merely copy the Baseline Level amounts into the Capability Level unless the Baseline Level amounts actually reflect their Capability Level efforts. The ten year program recommendations to OMB and reallocations of PY through PY+9 ceiling amounts will be derived from the Capability Level. Districts and Divisions that merely copy the Baseline Level amounts into the Capability Level for convenience and ease of entry will be shortchanged in the ceiling allocation process.**

B-2.10. **Recreation Facilities.** In accordance with the current policy on Federal funding of recreation facilities at projects under construction, additional recreation facilities will not be programmed, except for minimum facilities needed for health and safety as defined in ER 1165-2-400, unless local interests agree to provide 50 percent cost sharing and financing for their share of recreation costs and to bear 100 percent of the recreation

operation and maintenance costs in accordance with the cost sharing and financing concepts in the Water Resources Development Act of 1986.

a. For projects where local interests have definitely declined to provide Non-Federal cost sharing, or where there is not yet a cost sharing agreement for whatever reason, include minimum facilities for health and safety in the project schedules, as appropriate, and include remaining recreation facilities in the unprogrammed balance to complete beyond PY+9. However, recreation development previously approved by ASA(CW) at 100 percent Federal cost may be completed.

b. For continuing construction projects with recreation facilities previously included in the unprogrammed balance to complete for which non-Federal interests have expressed a desire to construct all or a portion of the unprogrammed facilities, construction of such recreation facilities will be considered a PY new investment decision and will be included on Illustration B-2.6, PY Proposed New Major Rehabilitation and Other New Work Summary. Furthermore, such work must be submitted to HQUSACE CECW-B as a new start separable element for PY construction funding even though the proposed recreation facilities may be included in an executed PCA or section 221 agreement.

c. For continuing construction projects with recreation facilities which are not included in an executed PCA or section 221 agreement, construction of such recreation facilities will be considered a PY new investment decision and will be included on Illustration B-2.6, PY Proposed New Major Rehabilitation and Other New Work Summary. Furthermore, such work must be submitted to HQUSACE CECW-B as a new start separable element for PY construction funding.

d. For new start construction projects or unstarted separable elements, construction of recreation facilities will be considered together with the primary portion of the project or separable element as a PY new investment decision and will be included on Illustration B-2.7, New Start Construction Checklist.

B-2.11. Cost Sharing.

a. For navigation projects, section 101.(a).(1). of the Water Resources Development Act of 1986 and section 201 of the Water Resources Development Act of 1996 specifies that the cost sharing and financing provisions reflected in the Act shall apply to any project, or separable element thereof, on which a contract for physical construction has not been awarded before the date of enactment of the Act, 17 November 1986.

b. For flood control and other projects, section 103.(e).(1). of the Water Resources Development Act of 1986 specifies that the cost sharing and financing provisions of the act shall apply to any project, or separable element thereof, on which physical construction is initiated after 30 April 1986, except for specific projects exempted from this provision as noted in the Act. Section 202 (a) of the Water Resources Development Act of 1996 specifies that the non-Federal share of project costs assigned to flood shall be 35 percent for any project authorized after the date of enactment of the Act, 12 October 1996.

c. For new deficiency correction projects at non-Federally operated and maintained projects, cost sharing and financing will reflect the concepts of the Water Resources Development Acts of 1986 and 1996 unless an exception is granted by ASA(CW) during the reconnaissance report review and approval process. However, these projects will reflect the cost sharing and financing concepts in the Water Resources Development Acts of 1986 and 1996 until excepted from such cost sharing by ASA(CW). For new deficiency correction projects at Corps of Engineers operated and maintained projects, there will be no cost sharing required unless a non-Federal sponsor has contributed toward the initial construction of the project. Payment may be required of public entities which have signed agreements with the Government, e.g. for water supply storage.

d. For dam safety assurance projects that have not been previously programmed for construction, cost sharing and financing will reflect a non-Federal cash contribution allocated to project purposes in accordance with Section 1203.(a) of the Water Resources Development Act of 1986.

e. For new reconstruction projects, cost sharing and financing will reflect the concepts of the Water Resources Development Acts of 1986 and 1996.

f. For resumptions, cost sharing and financing will depend on the circumstances under which construction on the project was stopped. Generally, if it was at the request of, or due to action by local interests, cost sharing and financing concepts reflected in the Water Resources Development Acts of 1986 and 1996 will apply. However, if the project was stopped by other parties, such as in the case of a court injunction, then the originally authorized cost sharing and financing requirements will be applicable.

g. Projects and separable elements for which construction was ongoing with respect to applicable portions of the Water Resources Development Act of 1986 are not affected by the cost sharing provisions of the Water Resources Development Acts of 1986 and 1996.

h. New preconstruction engineering and design type activities funded under the CG account either by inclusion in the PY program or by Congressional add will be subject to concurrent non-Federal financing of 25 percent of the cost of these efforts. Adjustments to reflect project cost allocations in the PCA for each project will be made during the first year of construction to ensure that the overall cost sharing for each project is consistent with applicable law.

i. New feasibility report or GRR type activities funded under the CG account either by inclusion in the PY program or by Congressional add will be subject to concurrent non-Federal financing of 50 percent of the cost of these efforts. Adjustments to reflect project cost allocations in the PCA for each project will be made during the first year of construction to ensure that the overall cost sharing for each project is consistent with applicable law.

j. Since Federal funds are limited, it is especially important that financial obligations for construction in each fiscal year include the appropriate non-Federal cash share. For each project, non-Federal required cash contributions and Federal funds should be obligated such that the sponsor's percentage cash share of financial obligations for construction in each fiscal year is equal to the sponsor's overall percentage cash share of total financial obligations for construction. The exception is in the first fiscal year of construction, when the sponsor's required cash contributions should be higher than this proportion because it will include the non-Federal share of sunk PED and engineering and design costs, other than non-Federal contributions already made, if any. Credit for authorized and approved construction by the sponsor, if any, should be included in financial obligations for construction and applied toward the sponsor's required cash contribution (other than the 5 percent cash share required for structural flood control) in the year that the credit for the completed work is afforded. In all cases the schedule for obligating and expending non-Federal funds is independent of the schedule for the provision or crediting of LERRDs. Failure to obtain, obligate, and expend non-Federal cash contributions in the proper proportion results in the improper, excessive obligation and expenditure of Federal funds and the unnecessary delay of projects whose schedules are constrained by the availability of Federal funds.

B-2.12. Remaining Benefit-Remaining Cost Ratio (RBRCR). Use the following guidelines to compute the RBRCR at the applicable interest rate and current interest rate for Illustration B-2.1, Project Data Summary.

a. Consider anticipated Federal and non-Federal allocations and other non-Federal costs through the PY-1 as sunk, and exclude them from the RBRCR computation. The amortization and interest portion of the annual charges will be computed on the remaining first costs and the interest during construction for the remainder of the construction period. Include total project operation and maintenance costs and benefits, unless the project is in a category described below.

b. Where the project includes completed independent units or useful increments, the realized annual benefits will also be excluded from the RBRCR computation, along with the sunk costs. In this case, sunk costs include operation and maintenance costs as well as capital costs of the completed independent units or increments. For beach erosion control projects where the initial fill has been completed and only periodic nourishment remains to be accomplished, indicate the RBRCR is not applicable because initial construction has been completed. For uncompleted reservoir projects that are not formally operational, i. e., a permanent pool has not been impounded, flood control benefits from work in place may be treated as incidental benefits and included in the RBRCR computation.

c. The RBRCR supporting PY funding requests for the early stages of planning, engineering and design for unstarted separable elements, resumptions, and unstarted projects when a current evaluation contained in an official report approved in or later than PY-5 is not available should be computed in the following manner: deflate the updated project cost to the price level of the latest approved detailed economic evaluation, deflate the expended project costs to the price level of the latest approved evaluation, reduce the deflated project cost estimate by the deflated expended costs, annualize the remaining project costs at the required discount rates, and divide the remaining annualized costs into the benefits which also must be annualized at the required discount rates. In no case should the benefits be price indexed except for specific benefit categories such as roads, bridges, and rail lines provided that these benefits do not constitute a major portion of overall benefits. The RBRCR should be reported with the price level and date of benefit evaluation noted (see sample explanation for Illustration B-2.4 in Basis for Benefit-Cost Ratio paragraph).

d. The RBRCR supporting PY funding requests for construction of unstarted separable elements, reimbursement projects, reconstruction projects, resumptions, and unstarted projects must be based on current approved evaluations of benefits and costs contained in an official report approved in or later than PY-5. Computation of the RBRCR should follow the instructions in paragraph B-2.12.c above. In no case should the benefits be price indexed except for specific benefit categories such as roads, bridges, and rail lines provided that these benefits do not constitute a major portion of overall benefits.

e. For projects that are complete for all practical purposes, or were authorized without a formal benefit-cost analysis, indicate the RBRCR is not applicable because the project is nearing completion or because monetary benefits have not been quantified, as appropriate.

B-2.13. Supporting Data. The following items must be prepared as indicated for each project for which funds are requested in the PY.

a. Detailed Project Schedule, PB-2a, will be prepared using PRISM for the Baseline Level for each project for which funds are requested in the PY. However, the automatic PB-2a to PBS copy feature will not be activated. The Baseline Level PB-2a must reflect the funding decisions for continuing projects shown on the PY-1 Congressional PB-2a and must display all active uncompleted separable elements. Note that the current PB-2a format shows a breakdown through PY+9. The PB-2a has also been modified to separately display Federal funds, Inland Waterways Trust Funds, Harbor Maintenance Trust Services Funds, non-Federal cash contributions and other costs, and Other Federal Agency funds in the method of financing tabulations. Contingencies will be displayed under a separate feature using feature code 59. Separate line-items and descriptions may be used, if desired, under feature 59 to specifically display the contingencies associated with the work shown under features 01 through 31.

b. Illustration B-2.1, Project Data Summary, will be prepared for each continuing project or separable element, each project or separable element expected to be recommended as a new construction start during the period PY through PY+9, and each programmed or unprogrammed separable element included in a Detailed Project Schedule, PB-2a, for a parent project proposed for funding in the PY, in accordance with instructions in

the PRISM Users Manual. This includes new start construction projects, new major rehabilitation projects, new dam safety projects, new deficiency correction projects, new reconstruction projects, new dredged material disposal facility projects, new reimbursement projects, resumptions, unstarted projects, and unstarted separable elements. Individual Illustrations B-2.1 prepared for programmed and unprogrammed separable elements will be rolled up into their parent projects by PRISM. A separate data field has been established to show remaining PED costs on each Illustration B-2.1 for PY+1 through PY+9 new construction start projects or separable elements so that PED costs will not be included with construction costs in the 10 year construction program. The Baseline Level funding amounts from the PB-2a may be input into PBS by PRISM or may be manually input into PBS since the automatic PB-2a to PBS copy feature will not be activated,. The Capability Level funding amounts will be directly entered into PBS by the field. Illustrations B-2.2A, B-2.2B, B-2.2C, B-2.2D, and B-2.3 provide summaries of Federal (Corps) funding requirements, Inland Waterways Trust Fund requirements, Harbor ~~Maintenance Trust Services~~ Fund requirements, Other Federal Agency funding requirements, Non-Federal cash contributions and other costs, and completions, respectively, from data developed for each Illustration B-2.1. **The Capability Level funding for each fiscal year, including inflation allowances, should reflect the amounts that can realistically be expended during the 10-year period, PY through PY+9, based on in-house technical capability and a realistic financing capability on the part of the non-Federal project sponsors.**

c. Illustration B-2.4, PY Justification Sheet, will be prepared for the Baseline Level for each new start construction project, new major rehabilitation project, ~~new dam safety assurance~~, new deficiency correction project, new reconstruction project, ~~new dredged material disposal facility project~~, new reimbursement project, resumption, and unstarted project which is recommended for funding in the PY. Furthermore, a justification sheet will be prepared for each continuing dam safety project, major rehabilitation seepage or stability correction project, or dredged material disposal facility project that has not been previously included in the PY-1 President's budget. In addition, although funds for separable elements of ongoing construction projects are not programmed on an individual basis and are included as part of the program requests for their parent projects, Illustration B-2.4, PY Justification Sheet, will be prepared for each unstarted separable element which is recommended for funding for construction in the PY. The justification sheets must be typed on standard size paper, 8 1/2 inches by 11 inches, as left justified Word97 or earlier version documents at 6 lines per inch (.167 inch line height) using a landscape 10 point font (12 characters per inch); Courier or ~~Prestige Elite~~ Arial are the preferred typefaces. The typed material must be confined to 6 1/2 inches vertically and 10 inches horizontally, leaving 1/2 inch margins on the left and right sides, and 1 inch margins on the top and bottom. The June submission must be submitted by email as a Word97 or earlier version document. See paragraph 11.b.(2).(a). of the main EC for specific instructions concerning conversion of your justification sheets to an Adobe Acrobat 4.0 file for transmission of the Congressional submission to HQ. The appropriation title and project classification must be typed as the first line in the body and the Division, District, and project name must be typed in the 1 inch bottom margin. Do not underline any headings. ~~All Illustrations B-2.4 must be electronically submitted as Word97 or earlier version documents using the email system.~~ Illustrations B-2.4 for continuing projects will be requested at a later date for the PY submission to Congress.

d. Illustration B-2.6, PY Proposed New Major Rehabilitation and Other New Work Summary, will be prepared to identify each new major rehabilitation project, ~~new dam safety assurance project~~, new deficiency correction project, new reconstruction project, ~~new dredge material disposal facility project~~, resumption, unstarted project, and unstarted separable element of an ongoing project recommended for construction funding in the PY in either the baseline or capability levels. In addition, for continuing construction projects with recreation facilities included in the unprogrammed balance to complete for which non-Federal interests have expressed a desire to construct all or a portion of the unprogrammed facilities, construction of such recreation facilities will be considered a PY new investment decision and will be included on Illustration B-2.6 even though the proposed recreation facilities may be included in an executed PCA or section 221 agreement.

e. Illustration B-2.7, New Start Construction Checklist, will be prepared to identify PY new start construction projects that are recommended in either the baseline or capability levels in accordance with the criteria listed in Table B-2.1.

f. You should be prepared to submit three copies of the document confirming compliance with preliminary selection criterion number 3 of Table B-2.1 for all recommended new start candidates. If the recommended plan materially differs either in scope or costs (20 percent, adjusted) from the authorized plan, or from that included in the report being processed for submission to Congress, three copies of the reevaluation report justifying such deviation will be required. If copies of required reports have been sent for previous program submissions, CECW-B will verify the availability of these reports before requesting additional copies.

g. A reproducible map will be provided for each new start construction project, new major rehabilitation project, ~~new dam safety assurance project~~, new deficiency correction project, new reconstruction project, ~~new dredged material disposal facility project~~, new reimbursement project, resumption, unstarted project, and unstarted separable element of an ongoing project recommended for funding for construction in the PY. Furthermore, a map will be provided for each continuing dam safety project, major rehabilitation seepage or stability correction project, or dredged material disposal facility project that has not been previously included in the PY-1 President's budget. ~~The map must be prepared on 8 1/2 by 11 inch paper and must not be folded. Project status maps submitted to Congress must also be prepared on 8 1/2 x 11 inch paper. Larger folded maps are no longer acceptable because they cannot be machine collated when sets of justification sheets are assembled. The map must be printed and marked in black only to facilitate reproduction.~~ For the June submission, a copy of a location or project map from a feasibility report, design memorandum, or other document will be sufficient. The June submission map must be marked in black reproducible pencil to clearly show the project and separable elements thereof, if applicable, in relation to nearby geographical features. The purpose of the map is to aid in understanding the nature of the project or separable element. See paragraph 11.b.(2).(a). of the main EC for specific instructions concerning conversion of your maps to an Adobe Acrobat 4.0 file for transmission of the Congressional submission to HQ.

B-2.14. **Coding Instructions.**

a. An automated database will be developed for the construction program using the PBS module of PRISM. Coding instructions have been provided in the PRISM Users Manual. A PB-2a will be prepared using PRISM for the Baseline Level for each project recommended for funding in the PY. However, the automatic PB-2a to PBS copy feature will not be activated. Therefore, the Baseline Level funding amounts from the PB-2a may be input into PBS by PRISM or may be manually input into PBS for Illustration B-2.1, Project Data Summary. The Capability Level funding amounts will be directly entered into PBS by the field for Illustration B-2.1.

b. Illustration B-2.1, Project Data Summary, Illustration B-2.2A, Federal (Corps) Funding Requirements Summary, Illustration B-2.2B, Inland Waterways Trust Fund Requirements Summary, Illustration B-2.2C, Other Federal Agency Funding Summary, Illustration B-2.2D, Non-Federal Cash Contributions and Other Costs Summary, Illustration B-2.2E, Harbor ~~Maintenance Trust~~ Services Fund Requirements Summary, and Illustration B-2.3, Completions Summary, may be extracted from the PBS database.

B-2.15. **Submission Requirements.** Copies of the following items must be submitted to HQUSACE CECW-BE, C, or W, as applicable, WASH DC 20314-1000, except as noted, by the date and in the amount indicated below.

a. Baseline Level PB-2a prepared using PRISM for each project for which funds are requested in the PY, database will close 30 June, ADP output, no hardcopy submission required.

- b. Illustration B-2.1, Project Data Summary Table, for each continuing project or separable element, each project or separable element expected to be recommended as a new construction start during the period PY through PY+9, and each programmed or unprogrammed separable element included in a Detailed Project Schedule, PB-2a, for a parent project proposed for funding in the PY. This includes new start construction projects, new major rehabilitation projects, ~~new dam safety assurance projects~~, new deficiency correction projects, new reconstruction projects, ~~new dredged material disposal facility projects~~, new reimbursement projects, resummptions, unstarted projects, and unstarted separable elements. For the Baseline Level, Individual Illustrations B-2.1 prepared for programmed and unprogrammed separable elements will be rolled up into their parent projects by PRISM. Database will close 30 June, ADP output, no hard copy submission required.
- c. Illustration B-2.2A, Federal (Corps) Funding Requirements Summary, database will close 30 June, ADP output, no hard copy submission required. This is a summary of all Illustrations B-2.1.
- d. Illustration B-2.2B, Inland Waterways Trust Fund Requirements Summary, database will close 30 June, ADP output, no hard copy submission required. This is a summary of all Illustrations B-2.1
- e. Illustration B-2.2C, Other Federal Agency Funding Summary, database will close 30 June, ADP output, no hard copy submission required. This is summary of all Illustrations B-2.1.
- f. Illustration B-2.2D, Non-Federal Cash Contributions and Other Costs Summary, database will close 30 June, ADP output, no hard copy submission required. This is a summary of all Illustrations B-2.1.
- g. Illustration B-2.2E, Harbor ~~Maintenance Trust~~ Services Fund Requirements Summary, database will close 30 June, ADP output, no hard copy submission required. This is a summary of all Illustrations B-2.1
- h. Illustration B-2.3, Completions Summary, database will close 30 June, ADP output, no hardcopy submission required. This is a summary of all Illustrations B-2.1.
- i. Illustration B-2.4, PY Justification Sheet, for the Baseline Level for each new start construction project, new major rehabilitation project, ~~new dam safety assurance project~~, new deficiency correction project, new reconstruction project, ~~new dredged material disposal facility project~~, new reimbursement project, resumption, unstarted project, and unstarted separable element of an ongoing project recommended for construction funding in the PY, 1 June, no hardcopy required. Furthermore, a justification sheet will be prepared for each continuing dam safety project, major rehabilitation seepage or stability correction project, or dredged material disposal facility project that has not been previously included in the PY-1 President's budget. All Illustrations B-2.4 must be electronically submitted as Word97 or earlier version documents using the email system. The June submission must be submitted by email as a Word97 or earlier version document. See paragraph 11.b.(2).(a). of the main EC for specific instructions concerning conversion of your justification sheets to an Adobe Acrobat 4.0 file for transmission of the Congressional submission to HQ.
- j. Illustration B-2.6, PY Proposed New Major Rehabilitation and Other New Work Summary. Each new major rehabilitation project, ~~new dam safety assurance project~~, new deficiency correction project, new reconstruction project, ~~new dredged material disposal facility project~~, resumption, unstarted project, unstarted separable element of an ongoing project, and additional recreation facility recommended for construction funding in the PY must be listed, 1 June, 3 copies.
- k. Illustration B-2.7, New Start Construction Checklist, to identify PY new start construction projects that are recommended in accordance with the criteria listed in Table B-2.2, 1 June, 10 copies.
- l. Feasibility Report with Engineering Appendix, EDR, and/or LRR or GRR for each new start construction project recommended for construction funding in the PY, when requested, 3 copies.

m. A reproducible map on 8 1/2 inch by 11 inch paper for each new start construction project, new major rehabilitation project, ~~new dam safety assurance project~~, new deficiency correction project, new reconstruction project, ~~new dredged material disposal facility project~~, new reimbursement project, resumption, unstarted project, and unstarted separable element of an ongoing project recommended for construction funding in the PY, 1 June, 10 copies. Furthermore, a map will be provided for each continuing dam safety project, major rehabilitation seepage or stability correction project, or dredged material disposal facility project that has not been previously included in the PY-1 President's budget. Larger folded maps are no longer acceptable. See paragraph 11.b.(2).(a). of the main EC for specific instructions concerning conversion of your maps to an Adobe Acrobat 4.0 file for transmission of the Congressional submission to HQ.

n. Evaluation or reconnaissance report, as applicable, for each new major rehabilitation project ~~new dam safety assurance project~~, new deficiency correction project, and new dredged material disposal facility project recommended for construction funding in the PY, including submission letter and subsequent forwarding and approval endorsements; 15 March for new major rehabilitation projects, 3 copies to HQUSACE CECW-AR; 1 June for ~~new dam safety assurance projects~~, new deficiency correction projects, and new dredged material disposal facility projects, 3 copies to HQUSACE CECW-AR, CECW-EP, and CECW-O, respectively. In addition, an appropriate report must be approved by HQUSACE CECW-O and ASA(CW), as applicable, or at HQUSACE CECW-O for approval, as applicable, by 1 June of the PY-2 with HQUSACE CECW-O and ASA(CW) approval, as applicable, expected by 1 August of the PY-2 to be considered for inclusion in the PY program as a continuing project.

o. EDR or reevaluation report for each unstarted separable element, resumption, or unstarted project recommended for construction funding in the PY, including submission letter and subsequent forwarding and approval endorsements, 1 June, 3 copies.

p. Approved M-CACES baseline cost estimate (summary sheets to the subfeature element level for each feature and the appropriate narrative) for each new start construction project, new major rehabilitation project (except seepage or stability correction projects), ~~new dam safety assurance project~~, new deficiency correction project, new reconstruction project, new dredged material disposal facility project, new reimbursement project, resumption, unstarted project, and unstarted separable element recommended for construction funding in the PY, 1 June, 1 copy.

TABLE B-2.1
NEW STARTS: CONSTRUCTION
(INCLUDING SEPARABLE ELEMENTS, RECONSTRUCTION PROJECTS,
REIMBURSEMENT PROJECTS, RESUMPTIONS, AND UNSTARTED PROJECTS)

BASIC, PRELIMINARY SELECTION AND PRIORITIZATION CRITERIA

BASIC CRITERIA

1. The project is authorized for construction, or will complete PED prior to the PY.
2. The project has net NED benefits at the applicable discount rate or is responsive to mitigation, restoration, or protection of environmental resources.
3. PED is fully funded by the end of the PY-1 and the PCA is on schedule to be executed and the Financing Plan approved no later than the end of the PY.
4. The Project Manager has confirmed the sponsor's understanding of its contractual and financial commitments and its ability to meet the funding requirements of the construction schedule, including payback of its share of PED costs.
5. If the project has an unapproved report involving a significant change in project scope or cost or for addition of fish and wildlife mitigation measures, the required change(s) recommended in the report must be scheduled for Washington level review and approval by ASA(CW), as applicable, by 1 August of the PY-2.

PRELIMINARY SELECTION CRITERIA

1. Appropriate evaluation of project merits is contained in a Corps report and, in the case of a project the justification of which is based on NED benefits, the project has net NED benefits, at the current discount rate, based on firm benefits and an approved M-CACES baseline cost estimate.
2. The project is in compliance with the applicable environmental statutes, appropriate to the current stage of implementation.
3. The planning and policy review process for the recommended plan is scheduled for completion by ASA(CW) by 1 August of PY-2. For those projects where there are no substantial changes to the project plan presented in the feasibility report with an engineering appendix approved by ASA(CW), as applicable, the feasibility report will serve as the necessary document. For all other projects, an approved EDR, as applicable, or MSC or HQUSACE CECW-P approved GRR, as applicable, will be required in accordance CECW-A Policy Memorandum No. 2, 6 April 1995, subject: Civil Works Decision Document Review-Policy Compliance. If the economic analysis in the applicable document was approved earlier than PY-5, a LRR on the project economics will be required in accordance with paragraph 8 of the main part of the EC and paragraph B-2.3.a of this subappendix. The LRR may be approved by the MSC.
4. A M-CACES baseline cost estimate has been prepared, in accordance with ER 5-1-11, with approval at the appropriate level as the basis for the subsequent work and financial flow.

TABLE B-2.1 (Continued)
NEW STARTS: CONSTRUCTION
(INCLUDING SEPARABLE ELEMENTS, RESUMPTIONS, AND UNSTARTED PROJECTS)
BASIC, PRELIMINARY SELECTION AND PRIORITIZATION CRITERIA

PRELIMINARY SELECTION CRITERIA (Continued)

5. A project management plan (PMP) has been prepared and approved.
6. If a postauthorization change is required, only routine issues are involved which will not require Congressional authorization.
7. No known or reasonably anticipated conditions or unresolved issues exist which might prevent either: (1) award of the first significant construction contract by the end of the PY; or (2) the start of real estate acquisition for the first significant construction contract so that the scheduled construction contract can be awarded no later than the end of the following fiscal year (PY+1) in the absence of the sponsor possessing title to the required lands and easements. Planning, engineering and design work should be far enough along in the PY so that the orderly and continuous progression of construction is assured with the scheduled award of the first construction contract.
8. An Environmental Assessment/Finding of No Significant Impact signed, or final EIS has been filed, or final EIS supplement is scheduled for filing with EPA by 1 August of the PY-2.

TABLE B-2.1 (Continued)
NEW STARTS: CONSTRUCTION
(INCLUDING SEPARABLE ELEMENTS, RESUMPTIONS, AND UNSTARTED PROJECTS)
BASIC, PRELIMINARY SELECTION AND PRIORITIZATION CRITERIA

PRIORITIZATION CRITERIA

Projects Justified Based on NED Benefits						
Criteria to be Met	Project Priority					
	1	2	3	4	5	6
Economic Considerations						
BCR > 1.0 at current discount rate with separable recreation benefits and costs excluded.	X	X	X			
All other projects.				X	X	X
Environmental Considerations 1/						
With no adverse impact on environmental resources	X			X		
With justified mitigation fully offsetting losses to environmental resources.		X			X	
With justified mitigation not fully offsetting losses to environmental resources.			X			X

Projects to Mitigate, Restore, or Protect Environmental Resources

Resource Category 2/

Wetlands	X
Other ecological resources	X

Footnotes

1/ Can include activities for restoration or protection as added increments of work.

2/ Priority within each category will be based upon relative productivity using such measures as cost per unit of output, taking into consideration relative significance of output.

TABLE B-2.2
APPLICABLE DISCOUNT RATES IN EFFECT
WHEN INITIAL CONSTRUCTION FUNDS WERE APPROPRIATE

Fiscal Year	Discount Rate 1/ Show on Justification Sheet	Show on Illustration B-2.1
1958	2 1/2	2.500
1959	2 1/2	2.500
1960	2 1/2	2.500
1961	2 1/2	2.500
1962	2 5/8	2.625
1963	2 5/8	2.625
1964	2 7/8	2.875
1965	3	3.000
1966	3 1/8	3.125
1967	3 1/8	3.125
1968	3 1/8	3.125
1969	3 1/4	3.250
1970	3 1/4	3.250
1971	4 7/8	4.875
1972	5 1/8	5.125
1973	5 3/8	5.375
1974	5 1/2	5.500
1975	5 5/8	5.625
1976	5 7/8	5.875
1977	6 1/8	6.125
1978	6 3/8	6.375
1979	6 5/8	6.625
1980	6 7/8	6.875
1981	7 1/8	7.125
1982	7 3/8	7.375
1983	7 5/8	7.625
1984	7 7/8	7.875
1985	8 1/8	8.125
1986	8 3/8	8.375
1987	8 5/8	8.625
1988	8 7/8	8.875
1989	8 5/8	8.625

1/ Unless the project qualifies for the 3 1/4 percent rate under the "grandfather" clause in Section 80 of the 1974 Water Resources Development Act.

TABLE B-2.2 (Continued)
APPLICABLE DISCOUNT RATES IN EFFECT
WHEN INITIAL CONSTRUCTION FUNDS WERE APPROPRIATE

Fiscal Year	Discount Rate 1/ Show on Justification Sheet	Show on Illustration B-2.1
1990	8 5/8	8.625
1991	8 7/8	8.875
1992	8 7/8	8.875
1993	8 3/4	8.750
1994	8 1/2	8.500
1995	8 1/4	8.250
1996	8	8.000
1997	7 3/4	7.750
1998	7 5/8	7.625
1999	7 3/8	7.375
2000	7 1/8	7.125
2001	6 7/8	6.875
<u>2002</u>	<u>6 5/8</u>	<u>6.625</u>

1/ Unless the project qualifies for the 3 1/4 percent rate under the "grandfather" clause in Section 80 of the 1974 Water Resources Development Act.

TABLE B-2.3													
FY00 SAVINGS AND SLIPPAGE AND BASELINE LEVEL FY01 THROUGH FY10 PROGRAM CEILING AMOUNTS													
CONSTRUCTION, GENERAL, INLAND WATERWAYS TRUST FUND, HARBOR SERVICES FUND, AND FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES PROJECTS													
\$000													
	FY00	FY00											
	EST	EST											
DIV	BUD	S&S	ALLOC	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
CONSTRUCTION, GENERAL, INLAND WATERWAYS TRUST FUND, AND HARBOR SERVICES FUND													
LR	139,515	-20,354	119,161	165,226	179,325	276,144	363,602	391,701	431,233	449,226	478,467	372,723	372,723
MV	207,531	-30,277	177,254	158,024	151,305	159,316	153,414	133,298	115,243	106,000	115,781	156,580	156,580
NA	162,025	-23,638	138,387	164,110	193,926	203,060	186,981	144,348	149,494	143,200	120,407	78,392	78,392
NW	178,870	-26,096	152,774	203,691	214,131	187,057	175,515	168,315	157,149	109,574	53,724	54,442	54,442
PO	8,491	-1,239	7,252	17,357	1,597	5,801	7,343	2,494	1,683	1,158	882	645	645
SA	278,653	-40,653	238,000	233,002	239,199	184,724	141,103	199,811	203,200	218,433	273,452	214,821	214,821
SP	180,412	-26,321	154,091	92,257	79,474	70,777	64,176	50,731	42,296	38,287	41,717	34,401	34,401
SW	171,408	-25,007	146,401	150,304	118,078	90,628	83,172	73,315	59,406	51,850	50,506	25,000	25,000
XX	124,784	-18,205	106,579	201,701	205,172	207,751	204,784	204,817	204,784	204,766	204,924	204,725	204,725
TOTAL	1,451,689	-211,790	1,239,899	1,385,972	1,382,207	1,385,258	1,380,090	1,368,830	1,364,488	1,322,494	1,339,860	1,141,729	1,141,729
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES													
MV	176,732	-12,347	164,385	168,000	168,000	168,000	170,000	173,000	168,000	168,000	162,000	166,000	166,000

TABLE B-2.3
FY00 SAVINGS AND SLIPPAGE AND BASELINE LEVEL FY01 THROUGH FY10 CONTINUING PROGRAM CEILING AMOUNTS
CONSTRUCTION, GENERAL, INLAND WATERWAYS TRUST FUND, HARBOR MAINTENANCE USER FEE,
AND FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES PROJECTS
\$000

Each Division's total Baseline Level amount for CG, IWTF, and HSF **continuing** projects must not exceed its assigned ceiling for the PY through PY+4 and these ceiling amounts may not be shifted to subsequent fiscal years to reflect schedule slippages. Ceiling amounts for PY+5 through PY+9 may be exceeded to the extent required to compensate for PY-1 savings and slippage reductions and increases in project costs from PY-1. CECW-B may adjust assigned ceiling amounts subsequent to the initial program submission to reflect Congressional action on the PY-1 appropriations or other special circumstances. Nevertheless, each Division's initial program submission must not exceed its assigned PY through PY+4 ceilings for continuing projects.

The CG, IWTF, and HSF ceiling amounts **include** all PY continuing items covered by subappendix B-2 which were included in the President's PY-1 program, i.e. PY-1 continuing construction projects, major rehabilitation projects, dam safety assurance projects, deficiency correction projects, reconstruction projects, dredged material disposal facility projects, reimbursement projects, resummptions, unstarted projects, and unstarted separable elements. The applicable ceiling amounts assigned to designated high priority projects included in the President's PY-1 program must not be diverted to other continuing projects. If the ceiling cannot be used on a designated high priority project, the excess amount must be reported to CECW-BE so that it can be reallocated to meet Corps wide needs.

The CG and IWTF ceiling amounts **exclude** continuing construction projects, or portions thereof, excluded from the President's PY-1 program by OMB, all PY through PY+9 new starts, including new start construction projects, new major rehabilitation projects, new dam safety assurance projects, new deficiency correction projects, new reconstruction projects, new dredged material disposal facility projects new reimbursement projects, resummptions, unstarted projects, and unstarted separable elements, and periodic beach nourishment projects not included in the President's PY-1 program.

Division CG and IWTF total program amounts may exceed their CG and IWTF ceilings by the amount for new start activities and continuing projects, or portions thereof, excluded from the President's PY-1 program by OMB, and for and periodic beach nourishment projects not included in the President's PY-1 program. We will adjust each Division's total CG and IWTF ceiling amount after selections are completed for new start and continuing items to be included in the PY submission to OMB.

For MR&T, the ceilings include both new starts and PY-1 continuing items.

TABLE B-2.3													
FY01 SAVINGS AND SLIPPAGE AND BASELINE LEVEL FY02 THROUGH FY11 PROGRAM CEILING AMOUNTS													
CONSTRUCTION, GENERAL, INLAND WATERWAYS TRUST FUND, HARBOR SERVICES FUND, AND FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES PROJECTS													
\$000													
	FY01	FY01											
DIV	EST	EST											
BUD	S&S	ALLOC	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	
CONSTRUCTION, GENERAL, INLAND WATERWAYS TRUST FUND, AND HARBOR SERVICES FUND													
LR	206,916	-22,763	184,153	202,526	274,585	322,277	302,088	430,875	419,623	392,690	324,530	207,839	207,839
MV	221,056	-24,317	196,739	176,711	162,490	171,944	156,035	212,927	223,032	233,480	247,001	191,431	191,431
NA	190,977	-21,007	169,970	217,625	218,980	237,306	248,590	90,015	105,132	117,679	128,728	138,329	138,329
NW	177,198	-19,492	157,706	170,038	160,680	154,771	151,300	166,917	143,104	111,422	108,318	54,302	54,302
PO	16,437	-1,808	14,629	5,983	5,883	7,324	5,203	2,000	1,528	1,264	967	538	538
SA	304,825	-33,531	271,294	308,045	255,781	235,145	333,775	394,452	437,233	460,879	506,751	135,121	135,121
SP	112,447	-12,369	100,078	113,816	127,412	111,123	84,339	94,328	79,519	77,922	77,850	64,605	64,605
SW	131,967	-14,515	117,452	86,504	82,081	68,972	57,734	67,607	73,058	89,245	86,390	73,040	73,040
HQ	149,430	-15,451	133,979	214,758	227,689	244,906	244,940	166,880	186,770	227,416	276,463	315,084	315,084
TOTAL	1,511,253	-165,235	1,346,000	1,496,006	1,515,581	1,553,768	1,584,004	1,626,001	1,668,999	1,711,997	1,756,996	1,180,289	1,180,289
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES													
MV	170,941	-7,192	163,749	180,700	179,741	186,004	211,843	212,840	213,932	229,074	239,148	227,659	239,674

TABLE B-2.3
FY01 SAVINGS AND SLIPPAGE AND BASELINE LEVEL FY02 THROUGH FY11 CONTINUING PROGRAM CEILING AMOUNTS
CONSTRUCTION, GENERAL, INLAND WATERWAYS TRUST FUND, HARBOR SERVICES FUND,
AND FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES PROJECTS
\$000

Each Division's total Baseline Level amount for CG, IWTF, and HSF **continuing** projects must not exceed its assigned ceiling for the PY through PY+4 and these ceiling amounts may not be shifted to subsequent fiscal years to reflect schedule slippages. Ceiling amounts for PY+5 through PY+9 may be exceeded to the extent required to compensate for PY-1 savings and slippage reductions and increases in project costs from PY-1. CECW-B may adjust assigned ceiling amounts subsequent to the initial program submission to reflect Congressional action on the PY-1 appropriations or other special circumstances. Nevertheless, each Division's initial program submission must not exceed its assigned PY through PY+4 ceilings for continuing projects.

The CG, IWTF, and HSF ceiling amounts **include** all PY continuing items covered by subappendix B-2 which were included in the President's PY-1 program, i.e. PY-1 continuing construction projects, major rehabilitation projects, dam safety assurance projects, deficiency correction projects, reconstruction projects, dredged material disposal facility projects, reimbursement projects, resumptions, unstarted projects, and unstarted separable elements. The applicable ceiling amounts assigned to designated high priority projects included in the President's PY-1 program must not be diverted to other continuing projects. If the ceiling cannot be used on a designated high priority project, the excess amount must be reported to CECW-BE so that it can be reallocated to meet Corps wide needs.

The CG and IWTF ceiling amounts **exclude** continuing construction projects, or portions thereof, excluded from the President's PY-1 program by OMB, all PY through PY+9 new starts, including new start construction projects, new major rehabilitation projects, new dam safety assurance projects, new deficiency correction projects, new reconstruction projects, new dredged material disposal facility projects new reimbursement projects, resumptions, unstarted projects, and unstarted separable elements, and periodic beach nourishment projects not included in the President's PY-1 program.

Division CG and IWTF total program amounts may exceed their CG and IWTF ceilings by the amount for new start activities and continuing projects, or portions thereof, excluded from the President's PY-1 program by OMB, and for and periodic beach nourishment projects not included in the President's PY-1 program. We will adjust each Division's total CG and IWTF ceiling amount after selections are completed for new start and continuing items to be included in the PY submission to OMB.

For MR&T, the ceilings include both new starts and PY-1 continuing items.

EC 11-2-179
31 Mar 00

ILLUSTRATION B-2.1
PROJECT DATA SUMMARY
\$000

DIVISION/DISTRICT		PROJECT NAME		PWI NO		SS1	SS2
EROC	APPROPRIATION	CAT/CLASS/SUBCLASS	GROUP2	FLOODPLAIN CAT			
STATUS:	STATE	GROUP	GROUP2	FLOODPLAIN CAT			
-----BENEFIT/COST RATIO DATA-----							
APPL DISCOUNT RATE		TOTAL AVERAGE ANNUAL BENEFITS AT TIME OF NEW START					
RBRCCR AT APPL RATE		TOTAL AVERAGE ANNUAL COST AT TIME OF NEW START					
RBRCCR AT CURR RATE		TOTAL AVERAGE ANNUAL REMAINING BENEFITS					
		TOTAL AVERAGE ANNUAL REMAINING COST					
-----DATES-----				-----CONGRESSIONAL DISTRICTS-----			
FY AVAILABLE CONSTR							
FY NEW CONSTR START							
PROGRAMMED COMPLETION DATE							
LAST							
CURRENT							
-----CURRENT YEAR FUNDING-----							
PY-1 PROGRAM							
PY-1 CONFERENCE							
PY-1 ASSUMED S&S							
PY-1 GRH REDUCTION							
PY-1 OTHER ADJUST							
PY-1 PED ALLOCATION							
PROJECT		ALLOCATIONS		RMNG		FUNDING REQUIREMENTS	
COST EST		THRU	FOR	PED	PY	PY	PY
FUNDING LEVEL	W/ INFL	PY-2	PY-1	BAL	PY	+1	+2
						+3	+4
						+5	+6
						+7	+8
						+9	
							BAL TO COMP
							PROG UNPROG
BASELINE LEVEL							
FEDERAL (CORPS)							
INLAND WATERWAYS TRUST FUND (IWTF)							
FOR ILLUSTRATION PURPOSES ONLY							
(ADP output)							

ILLUSTRATION B-2.1 (CONTINUED)
PROJECT DATA SUMMARY (\$000)

NON-FEDERAL

REQ CONTR

OTHER

TOTAL NON-FEDERAL

OTHER FEDERAL AGENCY (OFA)

TOTAL FEDERAL (CORPS), IWTF, NON-FEDERAL, AND OFA

DECREMENT LEVEL (A Decrement Level submission is not be required with the initial program request.)

FEDERAL (CORPS)

CAPABILITY LEVEL

FEDERAL (CORPS)

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ILLUSTRATION B-2.2A
 FEDERAL (CORPS) FUNDING REQUIREMENTS SUMMARY - CONSTRUCTION
 \$000

DIVISION/DISTRICT	APPROPRIATION							FUNDING LEVEL											BAL TO COMP PROG UNPROG	
	TOTAL APPN ACTIV REQT	ALLOC THRU PY-2	PY-1 CONF AMT	PY-1 S&S	PY-1 GRH RED	PY-1 OTHR ADJST	PY-1 WORK ALLOW	RMNG PED PY	PY +1	PY +2	PY +3	PY +4	PY +5	PY +6	PY +7	PY +8	PY +9			
NAVIGATION																				
CHANNELS AND HARBORS																				
LOCKS AND DAMS																				
BEACH EROSION CONTROL																				
FLOOD CONTROL																				
LOCAL PROTECTION																				
RESERVOIRS																				
MULTIPLE PURPOSE POWER																				
MAJOR REHABILITATION																				
CHANNELS AND HARBORS																				
LOCKS AND DAMS																				
LOCAL PROTECTION																				
RESERVOIRS																				
MULTIPLE PURPOSE POWER																				
DAM SAFETY ASSURANCE																				
NAVIGATION																				
FLOOD CONTROL																				
MULTIPLE PURPOSE POWER																				
TOTAL																				

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ILLUSTRATION B-2.2B
INLAND WATERWAYS TRUST FUND REQUIREMENTS SUMMARY - CONSTRUCTION
\$000

DIVISION/DISTRICT	APPROPRIATION							FUNDING LEVEL										BAL TO PROG	COMP UNPROG
	TOTAL APPN REQT	ALLOC THRU PY-2	PY-1 CONF AMT	PY-1 S&S	PY-1 OTHR ADJST	PY-1 WORK ALLOW	PY	PY +1	PY +2	PY +3	PY +4	PY +5	PY +6	PY +7	PY +8	PY +9			
ACTIV																			
NAVIGATION																			
LOCKS AND DAMS																			
MAJOR REHABILITATION																			
LOCKS AND DAMS																			
TOTAL																			

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ILLUSTRATION B-2.2C
 OTHER FEDERAL AGENCY FUNDING SUMMARY - CONSTRUCTION
 \$000

DIVISION/DISTRICT	APPROPRIATION							FUNDING LEVEL											
	TOTAL APPN REQT	ALLOC THRU PY-2	PY-1 CONF AMT	PY-1 S&S	PY-1 OTHR ADJST	PY-1 WORK ALLOW	PY	PY	PY	PY	PY	PY	PY	PY	PY	PY	PY	BAL TO PROG	COMP UNPROG
ACTIV																			
NAVIGATION																			
FLOOD CONTROL																			
MULTIPLE PURPOSE POWER																			
TOTAL																			

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ILLUSTRATION B-2.2D
NON-FEDERAL CASH CONTRIBUTIONS AND OTHER COSTS SUMMARY - CONSTRUCTION
\$000

DIVISION/DISTRICT	APPROPRIATION					FUNDING LEVEL										
	TOTAL REQT	ALLOC THRU PY-2	PY-1 ALLOC	RMNG PED BAL	PY	CONTRIBUTION REQUIREMENTS										BAL TO COMP
ACTIV						PY +1	PY +2	PY +3	PY +4	PY +5	PY +6	PY +7	PY +8	PY +9	PROG	UNPROG
NAVIGATION																
CHANNELS AND HARBORS																
LOCKS AND DAMS																
BEACH EROSION CONTROL																
FLOOD CONTROL																
LOCAL PROTECTION																
RESERVOIRS																
MULTIPLE PURPOSE POWER																
MAJOR REHABILITATION																
CHANNELS AND HARBORS																
LOCKS AND DAMS																
LOCAL PROTECTION																
RESERVOIRS																
MULTIPLE PURPOSE POWER																
DAM SAFETY ASSURANCE																
NAVIGATION																
FLOOD CONTROL																
MULTIPLE PURPOSE POWER																
TOTAL																

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ILLUSTRATION B-2.2E
 HARBOR SERVICES FUND REQUIREMENTS SUMMARY - CONSTRUCTION
 \$000

DIVISION/DISTRICT	APPROPRIATION						FUNDING LEVEL											BAL PROG	TO UNPROG	COMP
	TOTAL APPN REQT	ALLOC THRU PY-2	PY-1 CONF AMT	PY-1 S&S	PY-1 OTHR ADJST	PY-1 WORK ALLOW	PY	PY +1	PY +2	PY +3	PY +4	PY +5	PY +6	PY +7	PY +8	PY +9				
ACTIV																				
NAVIGATION																				
CHANNELS AND HARBORS																				
MAJOR REHABILITATION																				
CHANNELS AND HARBORS																				
TOTAL																				

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 (ADP output summary)

ILLUSTRATION B-2.3
COMPLETIONS SUMMARY - CONSTRUCTION

DIVISION/DISTRICT	APPROPRIATION										FUNDING LEVEL	
	PY	PY+1	PY+2	PY+3	PY+4	PY+5	PY+6	PY+7	PY+8	PY+9	BAL TO COMP PROG	UNPROG
ACTIV												
NAVIGATION												
CHANNELS AND HARBORS												
LOCKS AND DAMS												
BEACH EROSION CONTROL												
FLOOD CONTROL												
LOCAL PROTECTION												
RESERVOIRS												
MULTIPLE PURPOSE POWER												
MAJOR REHABILITATION												
CHANNELS AND HARBORS												
LOCKS AND DAMS												
LOCAL PROTECTION												
RESERVOIRS												
MULTIPLE PURPOSE POWER												
DAM SAFETY ASSURANCE												
NAVIGATION												
FLOOD CONTROL												
MULTIPLE PURPOSE POWER												
TOTAL												

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ILLUSTRATION B-2.4, PY JUSTIFICATION SHEET
(NOTE: DO NOT TYPE ILLUSTRATION HEADING ON JUSTIFICATION SHEET)

APPROPRIATION TITLE: Construction, General - Enter the project classification and type.

PROJECT: Enter the project name, state and whether it is new or continuing.

LOCATION: Enter a brief description of the project location, clearly identifying major landmarks, counties, and municipalities in the project vicinity.

DESCRIPTION: Enter a brief description of the plan of improvement clearly identifying major project features and differentiating between programmed and unprogrammed work. Indicate if project is part of a system. For reservoir projects, include breakdown of storage by function. Differentiate between programmed and unprogrammed work.

AUTHORIZATION: Enter the act authorizing the project, such as: Water Resources Development Act of 19xx.

REMAINING BENEFIT-REMAINING COST RATIO: Enter the RBRCR for the project at the applicable discount rate, such as: 2.6 to 1 at 5 1/8 percent. Use the applicable rate discount from Table B-2.2. If the project is substantially complete and the RBRCR is no longer meaningful, enter: Not applicable because project construction is substantially complete. For beach erosion control projects where the initial fill has been completed and only periodic nourishment remains to be accomplished, enter: Not applicable because initial construction has been completed.

TOTAL BENEFIT-COST RATIO: Enter the total benefit-cost ratio for the project at the applicable discount rate, such as: 1.8 to 1 at 5 1/8 percent. Use the applicable discount rate from Table B-2.2

INITIAL BENEFIT-COST RATIO: Enter the benefit-cost ratio at the applicable discount rate and the fiscal year for which Congress appropriated initial construction funds such as: 1.11 to 1 at 5 1/8 percent (FY 19xx). Omit this item for PY new construction starts. Use the applicable discount rate from Table -2.2

ILLUSTRATION B-2.4 (Continued)

BASIS OF BENEFIT-COST RATIO: Indicate the basis of the benefit-cost ratios, such as: Benefits are from the latest available evaluation approved in (month) 19xx at 19xx price levels.

SUMMARIZED FINANCIAL DATA		ACCUM PCT OF EST FED COST	STATUS (1 Jan 19xx)	PCT CMPL	PHYSICAL COMPLETION SCHEDULE
(For projects with an unprogrammed balance to complete, but no future non-Federal reimbursement.)			Element A	xx	May 19xx
			Element B	0	Indefinite
			(For shore protection projects)		
Estimated Federal Cost		xx,xxx,xxx	Initial Construction	xx	Sep 19xx
Programmed Construction	xx,xxx,xxx		Periodic Nourishment	xx	Jun 19xx
Unprogrammed Construction	xx,xxx,xxx		Entire Project	xx	Jun 19xx 2/
Estimated Non-Federal Cost		xx,xxx,xxx	PHYSICAL DATA		
Programmed Construction	xx,xxx,xxx		Under appropriate subheadings, enter the significant physical data on the major project facilities, indicating the project scope.		
Cash Contributions	xx,xxx,xxx				
Other Costs	xx,xxx,xxx				
Estimated Non-Federal Cost					
Unprogrammed Construction	xx,xxx,xxx				
Cash Contributions	xx,xxx,xxx				
Other Costs	xx,xxx,xxx				
Total Estimated Programmed Construction Cost		xx,xxx,xxx			
Total Estimated Unprogrammed Construction Cost		xx,xxx,xxx			
Total Estimated Project Cost		xx,xxx,xxx			

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ILLUSTRATION B-2.4 (Continued)

SUMMARIZED FINANCIAL DATA (Continued)	ACCUM	STATUS	PCT	PHYSICAL
	PCT OF EST FED COST		(1 Jan 19xx)	CMPL
Allocations to 30 September PY-2	xx,xxx,xxx			
Conference Allowance for PY-1	xx,xxx,xxx			
Allocation for PY-1	xx,xxx,xxx	1/		
Allocations through PY-1	xx,xxx,xxx	xx		
Allocation Requested for PY	xx,xxx,xxx	xx		
Programmed Balance to Complete after PY	xx,xxx,xxx			
Unprogrammed Balance to Complete after PY	xx,xxx,xxx			

1/ Reflects \$xxx reduction assigned as savings and slippage, \$xxx sequestered in accordance with the Gramm-Rudman-Hollings Act, and \$xxx reprogrammed to (from) the project. (Use example as applicable).

2/ For programmed work only; remaining work is unprogrammed pending a decision to construct these features.

JUSTIFICATION: Enter an explicit and factually objective presentation of the merits of the project, i. e., an answer to the question: "Why now?" In narrative form, present your best case. The following information, when related to recent events or the current state of the economy, is more convincing than a simple recitation of facts.)

For flood control projects, state the present value and type of property subject to flood damage; the average annual damages, with and without the project; the flood frequency against which protection is to be provided; the maximum flood of record; the damage sustained at that time and what it would be now; the frequency and duration of flooding; recent flood experience; and any other data which indicate the magnitude

ILLUSTRATION B-2.4 (Continued)

and severity of the flood problem and the need for protection. If more than 20 percent of urban flood damage prevention benefits are future benefits, explain the basis for such future benefits. In particular, estimated benefits for prevention of damages to household contents must be in accordance with the most recent CECW-P guidance. Does project directly or indirectly support future flood plain development in areas other than those near already urbanized areas or where flood plain values have been largely lost? Does it avoid, to the extent possible, the long and short term adverse impacts associated with the destruction or modification of wetlands and/or other environmental attributes?

For commercial navigation projects, discuss major commodities imported and exported; average commerce tonnage over the most recent 10-year period; savings per ton for selected commodities; availability of dredged material disposal sites; and size of ships expected to call at the port in the future.

For water supply or hydroelectric power generation projects, specify the storage provided, and the potential sponsor(s) who has agreed to fully finance the applicable costs.

Similar specific data should be provided for other types of projects and purposes.

Identify those counties, districts, Indian reservations, or other areas which qualify as areas of "substantial and persistent" unemployment using the procedures in the Principles and Guidelines. The construction activities must be physically located in such areas in order for the benefits from employment of previously unemployed labor resources to be included in the project's justification.

Discuss the extent to which project beneficiaries have made investments other than the required items of local cooperation whose return is contingent upon completion of the Federal project.

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ILLUSTRATION B-2.4 (Continued)

Include a tabular listing of annual benefits as the final item of the justification paragraph if there is more than one applicable benefit category, such as: Average annual benefits are as follows:

Annual Benefits	Amount
Benefit 1	x,xxx,xxx
Benefit 2	x,xxx,xxx
Benefit 3	x,xxx,xxx
Total	xx,xxx,xxx

FISCAL YEAR PY: Enter a tabular explanation of how the PY funds will be used, such as: The requested amount will be applied as follows:

Initiate	\$x,xxx,xxx
Initiate and complete	x,xxx,xxx
Continue	x,xxx,xxx
Complete	x,xxx,xxx
Planning, Engineering, and Design for parent project	x,xxx,xxx
Planning, Engineering, and Design for Element A	x,xxx,xxx
Planning, Engineering, and Design for Element B	x,xxx,xxx
Construction Management	x,xxx,xxx
Total	\$xx,xxx,xxx

NON-FEDERAL COST: Enter a separate tabular explanation of the requirements of local cooperation included in each project cooperation agreement applicable to the project together with the associated payments during construction, reimbursements, and annual operation, maintenance, repair, rehabilitation, and replacement costs, such as: In accordance with the cost sharing and financing concepts reflected in the Water Resources Development Act of 1986, the non-Federal sponsor must comply with the requirements listed below.

ILLUSTRATION B-2.4 (Continued)

	Payments During Construction and Reimbursements	Annual Operation, Maintenance, Repair, Rehabilitation, and Replacement Costs
Requirements of Local Cooperation		
Separable Element A (Repeat as applicable for each separable element).		
Provide lands, easements, rights of way, and borrow and excavated or dredged material disposal areas (as applicable), (add if appropriate) which may be reduced for credit allowed based on prior work (Section 104 of the Water Resources Development Act of 1986 or Section 215 of the Flood Control Act of 1968) after reductions for such credit have been made in the required cash payments.	x,xxx,xxx	
Modify or relocate utilities, roads, bridges (except railroad bridges), and other facilities, where necessary for the construction of the project.	x,xxx,xxx	
Pay all costs allocated to hydropower and bear all costs of operation, maintenance, repair, rehabilitation and replacement of hydropower facilities.	x,xxx,xxx	x,xxx

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ILLUSTRATION B-2.4 (Continued)

Requirements of Local Cooperation (Continued)	Payments During Construction and Reimbursements	Annual Operation, Maintenance, Repair, Rehabilitation, and Replacement Costs
Pay all costs allocated to municipal and industrial water supply and bear all costs of operation, maintenance, repair, rehabilitation and replacement of municipal and industrial water supply facilities.	x,xxx,xxx	x,xxx
Pay one-half of the separable costs allocated to recreation (except recreational navigation) and bear all costs of operation, maintenance, repair, rehabilitation and replacement of recreation facilities.	x,xxx,xxx	x,xxx
Pay one-half of the separable and joint costs allocated to recreational navigation and bear all costs of operation, maintenance, repair, rehabilitation, and replacement of recreational navigation facilities.	x,xxx,xxx	x,xxx
Pay xx percent of the costs allocated to flood control to bring the total non-Federal share of flood control costs to (include one of the following) 25 percent, 35 percent, or xx percent, as determined under Section 103 (m) of the Water Resources Development Act of 1986 (add if appropriate) to reflect the	x,xxx,xxx	x,xxx

ILLUSTRATION B-2.4 (Continued)

Requirements of Local Cooperation (Continued)	Payments During Construction and Reimbursements	Annual Operation, Maintenance, Repair, Rehabilitation, and Replacement Costs
non-Federal sponsor's ability to pay as reduced for credit allowed based on prior work (Section 104 of the Water Resources Development Act of 1986 or Section 215 of the Flood Control Act of 1968), or pay 5 percent of the costs allocated to flood control (if the non-Federal share of flood control costs is 25 percent or 35 percent (as applicable) or greater), and bear all costs of operation, maintenance, repair, rehabilitation and replacement of flood control facilities.	x,xxx,xxx	x,xxx
Pay xx percent of the costs allocated to fish and wildlife enhancement, and pay xx percent of the costs of operation, maintenance, repair, rehabilitation, and replacement of fish and wildlife facilities.	x,xxx,xxx	x,xxx

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ILLUSTRATION B-2.4 (Continued)

Requirements of Local Cooperation (Continued)	Payments During Construction and Reimbursements	Annual Operation, Maintenance, Repair, Rehabilitation, and Replacement Costs
Pay (include one of the following) 35 percent or xx percent, as determined under Section 103 (m) of the Water Resources Development Act of 1986 to reflect the non-Federal sponsor's ability to pay, of the costs allocated to agricultural water supply, and bear all costs of operation, maintenance, repair, rehabilitation, and replacement of agricultural water supply facilities.	x,xxx,xxx	x,xxx
Pay xx percent of the costs allocated to general navigation facilities during construction and pay 50 percent of the costs of incremental maintenance below 45 feet below mean low water.	x,xxx,xxx	x,xxx
Reimburse an additional 10 percent of the costs of general navigation features allocated to commercial navigation within a period of 30 years following completion of construction, as partially (entirely) reduced by a credit allowed for the value of lands, easements, rights of way, relocations , and dredged or excavated material disposal areas as applicable) provided for commercial navigation.	x,xxx,xxx	
Total Non-Federal Costs	x,xxx,xxx	x,xxx

ILLUSTRATION B-2.4 (Continued)

The non-Federal sponsor has also agreed to make all required payments concurrently with project construction and reimburse its share of construction costs within a period of 30 years following completion of construction (Use example as applicable).

Note: After approval by the ASA(CW), local credit based on ability to pay (Section 103 (m) of the Water Resources Development Act of 1986) or general credit for prior work (Section 104 of the Water Resources Development Act of 1986 or Section 215 of the Flood Control Act of 1968) must be reflected in the requirements of local cooperation as an offset to required cash contributions or, if necessary, LERRD contributions. However, any credit provided under Section 104 of the Water Resources Development Act of 1986 or Section 215 of the Flood Control Act of 1968 may not be used to offset the required 5 percent cash contribution.

STATUS OF LOCAL COOPERATION: Identify the non-Federal sponsor, the current status of assurances, the current status of the PCA, actions being taken by the non-Federal sponsor toward compliance with the requirements of local cooperation, contributions made, bond issues passed, or other specific items. If known, state the method by which the non-Federal sponsor intends to provide its share of the project first costs (cash and other items of local cooperation) and annual O&M costs. List all potential sources of funds (together with dollar amounts, if known) to meet local cooperation requirements, including any anticipated Federal funds for which the Federal granting agency has indicated in writing that the use of such funds for items of local cooperation is authorized. List and describe any local work or investments that have already been made or are underway which would serve to fulfill all or part of the local cooperation requirements (including work accomplished pursuant to Section 215 of the 1968 Flood Control Act or creditable under Section 104 of the 1986 Water Resources Development Act.)

In the event a PCA has not been executed by the ASA(CW), provide the scheduled month and year when the PCA is scheduled to be executed.

For projects with future non-Federal reimbursement, indicate the specific conditions which govern the initiation of non-Federal reimbursement payments and the scheduled date such reimbursement payments are scheduled to begin.

ILLUSTRATION B-2.4 (Continued)

For each project with an executed PCA, compare the approved non-Federal cost estimate in the PCA with the current non-Federal cost estimate and provide an assessment of the non-Federal sponsor's financial capability to contribute toward any increased costs and an indication of the sponsor's willingness to share in any increased costs, such as: The current non-Federal cost estimate of \$8,000,000, which includes a cash contribution of \$3,000,000, is an increase of \$1,000,000 from the non-Federal cost estimate of \$7,000,000 noted in the Project Cooperation Agreement, which included a cash contribution of \$2,500,000. In a letter dated 3 March 19xx, the non-Federal sponsor indicated that it is financially capable and willing to contribute the increased non-Federal share. Our analysis of the non-Federal sponsor's financial capability to participate in the project affirms that the sponsor has a reasonable and implementable plan for meeting its financial commitment.

COMPARISON OF FEDERAL COST ESTIMATES: Enter a tabular explanation of the changes in the Federal (Corps) cost estimate from the last estimate presented to Congress to the current estimate, such as: The current Federal cost estimate of \$xxx,xxx,xxx is an increase (decrease) of \$xx,xxx,xxx from the latest estimate (\$xxx,xxx,xxx) presented to Congress (FY 19xx). This change includes the following items.

Item	Amount
Price Escalation on Construction Features	\$x,xxx,xxx
Design Changes	x,xxx,xxx
Additional Functions Added under General Authority	x,xxx,xxx
Authorized Modifications	x,xxx,xxx
Post Contract Award and Other Estimating Adjustments (including contingency adjustments)	x,xxx,xxx
Schedule Changes	x,xxx,xxx
Price Escalation on Real Estate	x,xxx,xxx
Total	\$x,xxx,xxx

ILLUSTRATION B-2.4 (Continued)

STATUS OF ENVIRONMENTAL IMPACT STATEMENT: Indicate the status of the environmental impact statement, such as: The final EIS was filed with EPA on 28 September 19xx.

OTHER INFORMATION: Indicate when funds were appropriated to initiate preconstruction engineering and design and construction, respectively, such as: Funds to initiate preconstruction engineering and design were appropriated in FY 19xx and funds to initiate construction were appropriated in FY 19xx. If the scheduled completion date for programmed work has changed from the date last presented to Congress, explain the changes, such as: The scheduled completion date of June 19xx for programmed work is a (slippage or acceleration) from the latest completion date of March 19xx presented to Congress. This change is due to Also, note any problems that should be considered by the Committees which might affect the progress schedule shown in your program request, as well as your expectations for and timing of a resolution of the problems. Fish and Wildlife Mitigation costs should also be separately identified and reflected in this paragraph.

Separable Element A (Repeat as necessary for each programmed separable element.)

SUMMARIZED FINANCIAL DATA: For ongoing projects with programmed separable elements, provide a breakdown of the summarized financial data for each programmed separable element in the same format as displayed for the parent project, except that the allocations and conference allowance information is not required.

REMAINING BENEFIT-REMAINING COST RATIO: Enter the RBRCR for each programmed separable element at the applicable discount rate, such as: 2.6 to 1 at 5 1/8 percent. Use the applicable rate discount from Table B-2.2. If the element is substantially complete and the RBRCR is no longer meaningful, enter: Not applicable because construction is substantially complete.

TOTAL BENEFIT-COST RATIO: Enter the total benefit-cost ratio for each programmed separable element at the applicable discount rate, such as: 1.8 to 1 at 5 1/8 percent. Use the applicable discount rate from Table B-2.2

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ILLUSTRATION B-2.4 (Continued)

Note: The justification sheets must be typed on standard size paper, 8 1/2 inches by 11 inches, as left justified Word97 or earlier version documents at 6 lines per inch (.167 inch line height) using a landscape 10 point font (12 characters per inch); Courier or ~~Prestige Elite~~ Arial are the preferred typefaces. The typed material must be confined to 6 1/2 inches vertically and 10 inches horizontally, leaving 1/2 inch margins on the left and right sides, and 1 inch margins on the top and bottom. The appropriation title and project classification must be typed as the first line in the body and the Division, District, and project name must be typed in the 1 inch bottom margin. Do not underline any headings. The June submission must be submitted by email as a Word97 or earlier version document. See paragraph 11.b.(2).(a). of the main EC for specific instructions concerning conversion of your justification sheets to an Adobe Acrobat 4.0 file for transmission of the Congressional submission to HQ.

ILLUSTRATION B-2.4 (Continued)

Additional Examples of Summarized Financial Data

For projects with no unprogrammed balance to complete, and no future non-Federal reimbursement.

Estimated Federal Cost	xx,xxx,xxx
Estimated Non-Federal Cost	xx,xxx,xxx
Cash Contributions	xx,xxx,xxx
Other Costs	xx,xxx,xxx
Total Estimated Project Cost	xx,xxx,xxx

For projects with both an unprogrammed balance to complete and future non-Federal reimbursement.

Estimated Total Appropriation Requirement	xx,xxx,xxx
Programmed Construction	xx,xxx,xxx
Unprogrammed Construction	xx,xxx,xxx
Future Non-Federal Reimbursement	xx,xxx,xxx
Programmed Construction	xx,xxx,xxx
Unprogrammed Construction	xx,xxx,xxx
Estimated Federal Cost (Ultimate)	xx,xxx,xxx
Programmed Construction	xx,xxx,xxx
Unprogrammed Construction	xx,xxx,xxx

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ILLUSTRATION B-2.4 (Continued)

For projects with both an unprogrammed balance to complete and future non-Federal reimbursement (continued).

Estimated Non-Federal Cost		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Cash Contributions	xxx,xxx	
Other Costs	xxx,xxx	
Reimbursements	xxx,xxx	
Purpose 1	xxx,xxx	
Purpose 2	xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Cash Contributions	xxx,xxx	
Other Costs	xxx,xxx	
Reimbursements	xxx,xxx	
Purpose 1	xxx,xxx	
Purpose 2	xxx,xxx	
Total Estimated Programmed Construction Cost		xx,xxx,xxx
Total Estimated Unprogrammed Construction Cost		xx,xxx,xxx
Total Estimated Project Cost		xx,xxx,xxx

For projects with no unprogrammed balance to complete, but with future non-Federal reimbursement.

Estimated Total Appropriation Requirement	xx,xxx,xxx
Future Non-Federal Reimbursement	xx,xxx,xxx
Estimated Federal Cost (Ultimate)	xx,xxx,xxx

ILLUSTRATION B-2.4 (Continued)

For projects with no unprogrammed balance to complete, but with future non-Federal reimbursement (continued).

Estimated Non-Federal Cost		xx,xxx,xxx
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Reimbursements	xx,xxx,xxx	
Purpose 1	xx,xxx,xxx	
Purpose 2	xx,xxx,xxx	
Total Estimated Project Cost		xx,xxx,xxx

For projects with an unprogrammed balance to complete, future non-Federal reimbursement, and where an additional Federal agency is involved.

Estimated Appropriation Requirement (CoE)		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Estimated Appropriation Requirement (OFA)		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Estimated Total Appropriation Requirement		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	

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ILLUSTRATION B-2.4 (Continued)

For projects with an unprogrammed balance to complete, future non-Federal reimbursement, and where an additional Federal agency is involved (continued).

Future Non-Federal Reimbursement		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Estimated Federal Cost (Ultimate) (CoE)		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Estimated Non-Federal Cost		xx,xxx,xxx
Programmed Constructions	xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Reimbursements	xx,xxx,xxx	
Purpose 1	xx,xxx,xxx	
Purpose 2	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Reimbursements	xx,xxx,xxx	
Purpose 1	xx,xxx,xxx	
Purpose 2	xx,xxx,xxx	
Total Estimated Programmed Construction Cost		xx,xxx,xxx
Total Estimated Unprogrammed Construction Cost		xx,xxx,xxx
Total Estimated Project Cost		xx,xxx,xxx

ILLUSTRATION B-2.4 (Continued)

For projects with no unprogrammed balance to complete, but with future non-Federal reimbursement and where an additional Federal agency is involved.

Estimated Appropriation Requirement (CoE)		xx,xxx,xxx
Estimated Appropriation Requirement (OFA)		xx,xxx,xxx
Estimated Total Appropriation Requirement		xx,xxx,xxx
Future Non-Federal Reimbursement		xx,xxx,xxx
Estimated Federal Cost (Ultimate)		xx,xxx,xxx
Estimated Non-Federal Cost		xx,xxx,xxx
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Reimbursements	xx,xxx,xxx	
Purpose 1	xx,xxx,xxx	
Purpose 2	xx,xxx,xxx	
Total Estimated Project Cost		xx,xxx,xxx

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ILLUSTRATION B-2.4 (Continued)

The funding status for projects authorized to use funds appropriated from the Inland Waterways Trust Fund will be displayed as shown below.

	GENERAL APPNS.	INLAND WATERWAYS TRUST FUNDS	ACCUM. PCT. OF EST. FED. COST
Allocations to 30 September PY-2	xx,xxx,xxx	xx,xxx,xxx	
Conference Allowance for PY-1	xx,xxx,xxx	xx,xxx,xxx	
Allocation for PY-1	xx,xxx,xxx 1/	xx,xxx,xxx 1/	
Allocations through PY-1	xx,xxx,xxx	xx,xxx,xxx	xx
Allocation Requested for PY	xx,xxx,xxx	xx,xxx,xxx	xx
Programmed Balance to Complete after PY	xx,xxx,xxx	xx,xxx,xxx	
Unprogrammed Balance to Complete after PY	xx,xxx,xxx	xx,xxx,xxx	

1/ Reflects \$xxx reduction assigned as savings and slippage, \$xxx sequestered in accordance with the Gramm-Rudman-Hollings Act, and \$xxx reprogrammed to (from) the project. (Use example as applicable).

ILLUSTRATION B-2.4 (Continued)

The funding status for projects authorized to use funds appropriated from the Harbor ~~Maintenance Trust~~ Services Fund will be displayed as shown below.

	GENERAL APPNS.	HARBOR MAINTENANCE TRUST FUNDS	ACCUM. PCT. OF EST. FED. COST
Allocations to 30 September PY-2	xx,xxx,xxx	xx,xxx,xxx	
Conference Allowance for PY-1	xx,xxx,xxx	xx,xxx,xxx	
Allocation for PY-1	xx,xxx,xxx 1/	xx,xxx,xxx 1/	
Allocations through PY-1	xx,xxx,xxx	xx,xxx,xxx	xx
Allocation Requested for PY	xx,xxx,xxx	xx,xxx,xxx	xx
Programmed Balance to Complete after PY	xx,xxx,xxx	xx,xxx,xxx	
Unprogrammed Balance to Complete after PY	xx,xxx,xxx	xx,xxx,xxx	

1/ Reflects \$xxx reduction assigned as savings and slippage, \$xxx sequestered in accordance with the Gramm-Rudman-Hollings Act, and \$xxx reprogrammed to (from) the project. (Use example as applicable).

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ILLUSTRATION B-2.4 (Continued)

For deficiency correction projects and modifications to existing projects with no unprogrammed balance to complete and no future non-Federal reimbursement.

Original Project

Actual Federal Cost		xx,xxx,xxx
Actual Non-Federal Cost		xx,xxx,xxx
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Total Original Project Cost		xx,xxx,xxx

Remedial Work or Project Modification

Estimated Federal Cost		xx,xxx,xxx
Estimated Non-Federal Cost		xx,xxx,xxx
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Total Estimated Remedial or Modification Cost		xx,xxx,xxx
Total Estimated Project Cost		xx,xxx,xxx

ILLUSTRATION B-2.4 (Continued)

For deficiency correction projects and modifications to existing projects with no unprogrammed balance to complete but with future non-Federal reimbursement.

Original Project			
Actual Federal Cost			xx,xxx,xxx
Actual Non-Federal Cost			xx,xxx,xxx
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		
Total Original Project Cost			xx,xxx,xxx
Remedial Work or Project Modification			
Estimated Total Appropriation Requirement			xx,xxx,xxx
Future Non-Federal Reimbursement			xx,xxx,xxx
Estimated Federal Cost (Ultimate)			xx,xxx,xxx
Estimated Non-Federal Cost			xx,xxx,xxx
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		
Reimbursements		xx,xxx,xxx	
Purpose 1	xx,xxx,xxx		
Purpose 2	xx,xxx,xxx		
Total Estimated Project Cost			xx,xxx,xxx

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ILLUSTRATION B-2.4 (Continued)

For projects with an unprogrammed balance to complete, no future non-Federal reimbursement, and where an additional Federal agency is involved.

Estimated Federal Cost (CoE)		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Estimated Federal Cost (OFA)		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Estimated Non-Federal Cost		xx,xxx,xxx
Programmed Construction	xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Unprogrammed Construction	xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Total Estimated Programmed Construction Cost		xx,xxx,xxx
Total Estimated Unprogrammed Construction Cost		xx,xxx,xxx
Total Estimated Project Cost		xx,xxx,xxx

ILLUSTRATION B-2.4 (Continued)

For projects which include beach nourishment with no unprogrammed balance to complete, no future non-Federal reimbursement, and where no additional Federal agency is not involved.

Estimated Federal Cost		xx,xxx,xxx
Initial Construction	xx,xxx,xxx	
Periodic Nourishment	xx,xxx,xxx	
Estimated Non-Federal Cost		xx,xxx,xxx
Initial Construction	xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Periodic Nourishment	xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx	
Other Costs	xx,xxx,xxx	
Total Estimated Project Cost		xx,xxx,xxx
Initial Construction	xx,xxx,xxx	
Periodic Nourishment	xx,xxx,xxx	

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ILLUSTRATION B-2.4 (Continued)

For projects which include beach nourishment with an unprogrammed balance to complete, no future non-Federal reimbursement, and where no additional Federal agency is involved.

Estimated Federal Cost			xx,xxx,xxx
Programmed Construction		xx,xxx,xxx	
Initial Construction	xx,xxx,xxx		
Periodic Nourishment	xx,xxx,xxx		
Unprogrammed Construction		xx,xxx,xxx	
Initial Construction	xx,xxx,xxx		
Periodic Nourishment	xx,xxx,xxx		
Estimated Non-Federal Cost			xx,xxx,xxx
Programmed Construction		xx,xxx,xxx	
Initial Construction	xx,xxx,xxx		
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		
Periodic Nourishment		xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		

ILLUSTRATION B-2.4 (Continued)

For projects which include beach nourishment with an unprogrammed balance to complete, no future non-Federal reimbursement, and where no additional Federal agency is involved (continued).

Estimated Non-Federal Cost			
Unprogrammed Construction			xx,xxx,xxx
Initial Construction		xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		
Periodic Nourishment		xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		
Total Estimated Programmed Construction Cost			xx,xxx,xxx
Initial Construction		xx,xxx,xxx	
Periodic Nourishment		xx,xxx,xxx	
Total Estimated Unprogrammed Construction Cost			xx,xxx,xxx
Initial Construction		xx,xxx,xxx	
Periodic Nourishment		xx,xxx,xxx	
Total Estimated Project Cost			xx,xxx,xxx
Initial Construction		xx,xxx,xxx	
Periodic Nourishment		xx,xxx,xxx	

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ILLUSTRATION B-2.4 (Continued)

For projects which include beach nourishment with an unprogrammed balance to complete, no future non-Federal reimbursement, and where an additional Federal agency is involved.

Estimated Federal Cost (CoE)			xx,xxx,xxx
Programmed Construction		xx,xxx,xxx	
Initial Construction	xx,xxx,xxx		
Periodic Nourishment	xx,xxx,xxx		
Unprogrammed Construction		xx,xxx,xxx	
Initial Construction	xx,xxx,xxx		
Periodic Nourishment	xx,xxx,xxx		
Estimated Federal Cost (OFA)			xx,xxx,xxx
Programmed Construction		xx,xxx,xxx	
Initial Construction	xx,xxx,xxx		
Periodic Nourishment	xx,xxx,xxx		
Unprogrammed Construction		xx,xxx,xxx	
Initial Construction	xx,xxx,xxx		
Periodic Nourishment	xx,xxx,xxx		
Estimated Non-Federal Cost			xx,xxx,xxx
Programmed Construction		xx,xxx,xxx	
Initial Construction	xx,xxx,xxx		
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		
Periodic Nourishment	xx,xxx,xxx		
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		

ILLUSTRATION B-2.4 (Continued)

For projects which include beach nourishment with an unprogrammed balance to complete, no future non-Federal reimbursement, and where an additional Federal agency is involved. (continued)

Estimated Non-Federal Cost			
Unprogrammed Construction			xx,xxx,xxx
Initial Construction		xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		
Periodic Nourishment		xx,xxx,xxx	
Cash Contributions	xx,xxx,xxx		
Other Costs	xx,xxx,xxx		
Total Estimated Programmed Construction Cost			xx,xxx,xxx
Initial Construction		xx,xxx,xxx	
Periodic Nourishment		xx,xxx,xxx	
Total Estimated Unprogrammed Construction Cost			xx,xxx,xxx
Initial Construction		xx,xxx,xxx	
Periodic Nourishment		xx,xxx,xxx	
Total Estimated Project Cost			xx,xxx,xxx
Initial Construction		xx,xxx,xxx	
Periodic Nourishment		xx,xxx,xxx	

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ILLUSTRATION B-2.6
FY PROPOSED NEW MAJOR REHABILITATION AND OTHER NEW WORK SUMMARY

Division:

Category and Proj or Elem Names	Total Proj Elem Cost \$000	Total Fed Appn Rqmt \$000	Total IWTF Appn Rqmt \$000	Total HSF Appn Rqmt \$000	Total Non-Fed Cost \$000	RBR CR at Appl Rate 1/	Type of Rpt and Status 2/	Addl Cong Auth Reqd Y/N 3/	Sched PCA Exec Date Mo/Yr 4/	First Const Ct Awd Date Mo/Yr 4/	PY Divn Rcmd \$000
--	--	---------------------------------------	--	---------------------------------------	-----------------------------------	------------------------------------	------------------------------------	--	--	--	-----------------------------

New major rehabilitation projects
~~New Dam Safety Assurance Projects~~
New Deficiency Correction Projects
New Reconstruction Projects
~~New Dredged Material Disposal Facility Projects~~
Resumptions
Unstarted Projects
Unstarted Separable Elements
Additional Recreation Facilities

1/ Show the RBR CR at the applicable rate. Not applicable to deficiency correction projects.

2/ Indicate the type of report (Recon, EDR, Reeval) on which the Division request is based and show the latest submission, revision, or approval action and date (month and year) with respect to HQUSACE CECW-EP, CECW-P, or CECW-AR, as applicable, review and approval, e.g., S Jan XX for a report that has been submitted to HQUSACE CECW-EP, CECW-P, or CECW-AR, as applicable, but not yet reviewed/approved, R Feb XX for a report that has been returned to the field for revision and A Apr XX for a report that has been reviewed/approved by HQUSACE CECW-EP, CECW-P, or CECW-AR, as applicable.

FOR ILLUSTRATION PURPOSES ONLY
(To be typed as necessary)

ILLUSTRATION B-2.6 (Continued)
FY PROPOSED NEW MAJOR REHABILITATION AND OTHER NEW WORK SUMMARY

Division:

- 3/ Indicate whether (Y) or not (N) the project/element requires additional Congressional authorization for the proposed construction work.
- 4/ Show the scheduled month and year for PCA execution, e.g. Apr XX.
- 5/ Show the month and year of the first construction contract award for the proposed work, e.g. Jun XX.

FOR ILLUSTRATION PURPOSES ONLY
(To be typed as necessary)

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ILLUSTRATION B-2.7
NEW START CONSTRUCTION CHECKLIST

Project Name	Authorization Status 1/	Preconstruction Engineering and Design Status 2/	Remaining Benefit/Cost Ratio 3/	Basic Criteria Met (Yes/No) 4/	Sched PCA Exec Date Mo/Yr 5/	Preliminary Selection Criteria Met (Yes/No)
--------------	-------------------------	--	---------------------------------	--------------------------------	------------------------------	---

(List all new start construction projects which are recommended for construction in the PY.)

1/ Cite Authorizing Act, date of resolution for Section 201, or completion date of the Chief of Engineers report included in the feasibility report or EDR.

2/ The project should not be recommended if PED will not be sufficiently complete to allow award of the first construction contract during the fourth quarter of the PY, or by the end of the PY+1 if the sponsor must acquire needed real estate, or if the M-CACES baseline cost estimate or the PMP has not been approved. Planning, engineering and design should be far enough along in the PY so that the orderly and continuous progression of construction is assured with the programmed award of the first construction contract.

3/ Based on applicable rate (cite discount rate and approval date of last approved economic analysis in parentheses after BCR). Footnote projects where authorization is not based on formal benefit/cost evaluation.

4/ Projects having an unapproved Reevaluation Report involving a significant change in project scope or cost or for addition of fish and wildlife mitigation measures will not meet the basic criteria unless the required change(s) recommended in the Reevaluation Report are scheduled for approval by ASA(CW) by 1 August of the PY-2.

5/ Show the scheduled month and year for PCA execution, e.g. Apr XX.

FOR ILLUSTRATION PURPOSES ONLY
(To be typed as necessary)

APPENDIX B-3
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM,
PROJECT MODIFICATIONS FOR IMPROVEMENT OF THE ENVIRONMENT,
WETLAND AND OTHER AQUATIC HABITAT CREATION,
AQUATIC ECOSYSTEM RESTORATION, AND
RIVERINE ECOSYSTEM RESTORATION AND FLOOD HAZARD MITIGATION

B-3.1. **General.** The programs consist of the following continuing authorities:

- a. Section 107, 1960 RHA, as amended, for navigation projects, Code 902-216
- b. Section 111, 1968 RHA, as amended, for mitigation of shore damages attributable to Federal navigation projects, Code 902-232
- c. Section 103, 1962 RHA, as amended, for beach erosion control projects, Code 902-420
- d. Section 205, 1948 FCA, as amended, for flood control projects, Code 902-516
- e. Section 14, 1946 FCA, as amended, for emergency streambank and shoreline protection of public and non-profit facilities and services, Code 902-517
- f. Section 208, 1954 FCA, as amended, for snagging and clearing projects for flood control, Code 902-518
- g. Section 1135, 1986 WRDA, as amended, for modifications to structures and operations of constructed Corps projects to improve the quality of the environment, Code 902-722.
- h. Section 204, 1992 WRDA for beneficial uses of dredged material for the protection, restoration, and creation of aquatic and ecologically related habitats, including wetlands, Code 902-790.
- i. Section 206, 1996 WRDA for aquatic ecosystem restoration to improve the quality of the environment, Code 902-732.
- j. Section 212, 1999 WRDA for riverine ecosystem restoration and flood hazard mitigation, Code 902-552.

B-3.2. **Submission Requirements.**

a. ER 1105-2-100, subject: Guidance for Conducting Civil Works Planning Studies requires twice-yearly funding status updates of the Continuing Authorities Program National Database Management System be accomplished. The database includes funding schedules for Section 204, Section 206, and Section 1135 projects. These data updates are sufficient to develop the PY program. No separate submission for the Continuing Authorities Program is required. Also, no separate submission is required for Section 204, Section 206, and Section 1135 projects except for those which are specifically programmed. For these projects, follow the instructions in Appendix B-2 for other specifically programmed projects.

b. No separate submission is required for riverine ecosystem restoration and flood hazard mitigation projects. Specific guidance for these projects is being developed and will be provided shortly.

APPENDIX B-4
CONSTRUCTION, GENERAL – RECREATION MODERNIZATION

B-4.1. General. A new initiative in fiscal year 2001, modernization of recreation facilities with state of the art materials and designs can reduce the cost of future maintenance, as well as eliminate much of the costly maintenance backlog.

B-4.2 Definitions. Recreation modernization is defined as the renovation and updating of Corps managed recreation areas to meet the needs of present users, underserved populations, and future generations.

B-4.3 Appropriation Account. Funding for the modernization program will be through the Construction, General (CG) appropriation except for initial preparation of the proposals and subsequent engineering and design work, which should be accomplished with Operation and Maintenance (O&M) funds. Funds will be appropriated annually in a lump sum. HQUSACE will allocate appropriated funds to approved and prioritized modernization proposals. The funding of recreation modernization proposals will be based on merit.

B-4.4. Geographic Scope. Each year, the Major Subordinate Commands will be assigned a target number of proposals, as part of the program EC, that they may submit for the modernization of Corps managed recreation areas. The proposals will be submitted annually to CECW-ON no later than 15 June. Proposals must be prioritized by MSC. Consistent with criteria established for the fiscal year 2001 program recommendation MSC recommendations will be evaluated and prioritized within the CG target allocated for this effort. Following the receipt of all MSC proposals, HQUSACE (CECW-ON) will convene a meeting of MSC representatives to prioritize the MSC proposals from a national perspective. MSC representatives will be expected to explain the MSC ranking and why their proposals were ranked the way they were. Both day use and camping must be given equal consideration in spite of the fact that day use recreation areas generate less recreation revenues. Following the annual receipt of the Construction, General appropriation, funds will be allotted based on this national prioritization.

B-4.5. Submission Requirements. General instructions for submissions are contained in paragraph 11 of the main text of this EC. Each proposal must include a narrative portion no longer than four pages (a standard format for the narrative portion of the proposal is attached), a map of the lake orienting the location of the recreation area, and captioned, illustrative digital photos that show the existing condition of the recreation facilities/infrastructure and/or management problems that will be corrected by the modernization of the recreation area. In addition to meeting the common sense test, as a minimum, the narrative must address:

- a. The name of the District, the water resources project and the recreation area.
- b. The PWI number of the project.
- c. The State name in which the recreation area is located.
- d. The Congressional District(s) in which the recreation area is located.
- e. The annual visitation to this recreation area for the last five years (visitors/year)
- f. The projected annual visitation following modernization of the area (visitors/year).
- g. Clear evidence of public involvement and support of modernization of the area.
- h. The ability to execute modernization of the recreation area in the budget year.
- i. The impact of the modernization of the recreation area on the local and regional economy.

- j. The current condition of the recreation area. Include both facility and management problems that may be occurring and historic utilization levels of the area.
- k. The annual recreation revenues from this recreation area for the last five years (both camping and day use).
- l. The projected annual recreation revenue following modernization of the area (both camping and day use).
- m. The modernization actions proposed for the recreation area (please list major actions).
- n. The projected cost of the modernization by major action (include E&D).
- o. Any projected O&M savings that will result from the modernization of this recreation area (\$ per year).
- p. Certification at the bottom of the proposal by the respective District Chief of Operations and DDEPM that the proposal is complete and accurate.

B-4.6. Evaluation Criteria. The proposals will be evaluated using the following criteria:

- a. Meets local and regional needs based on public involvement input.
- b. The impact on recreation revenues.
- c. The impact on long-term O&M (O&M cost savings, consolidation, etc.)
- d. The reduction/elimination of environmental degradation.
- e. Accessibility for persons with disabilities.
- f. Cures safety and public health problems.
- g. Facilities within the recreation area will meet minimum Corps facility standards following modernization.

B-4.7. Funding for Planning and Engineering. Engineering and design and plans and specifications should be accomplished with O&M funds until CG funds are allocated.

ILLUSTRATION B-4
Standard Narrative Format for Recreation Modernization Proposals

MSC. _____
 Modernization Proposal - Priority Number (MSC priority). _____
 District _____
 Water Resource Project Name and State _____
 PWI Number. _____
 Recreation Area Name. _____

1. Current condition of the recreation area:
2. Congressional District(s) in which the recreation area is located: (District number and name of Congressman)

Visitation (visitors/year) and Revenue (\$ (PY is the program year modernization will take place)										
	PY-6	PY-5	PY-4	PY-3	PY-2	PY-1	PY	PY+1	PY+2	PY+3
Visitation										
Revenue (Total)										
Day Use Revenue										
Camping Revenue										

3. Evidence of public involvement and support of modernization of the area:
4. Impact on the local and regional economy:
5. The proposed modernization and cost:
(This form will be refined to reflect a narrative description of work to be done and a cost summary.)

<u>Proposed Action</u>	<u>Projected Cost</u>
	\$
Cost Estimate	\$
xx% Contingency\$ _____	
Total Cost	\$

6. Projected O&M savings that will result from the modernization of this recreation area (\$ per year):

I certify that this proposal is complete and accurate and that the modernization of this recreation area can be accomplished in the program year.

/s/
District Chief of Operations

/s/
DDEPM