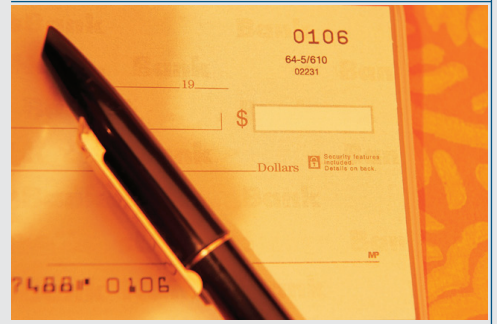


Leveraging Efforts of Cooperating Technical Partners



WHAT IS LEVERAGE?

Leverage is the value of all non-National Flood Insurance Program (NFIP) funds contributed by any State, local, regional, or Federal organization toward the development, revision, or maintenance of the activities related to Map Modernization where the primary objectives have an emphasis on the NFIP. Leverage includes Cooperating Technical Partner (CTP) and non-CTP dollars and matching funds that will be spent on Map Modernization. Leverage can include in-kind services such as providing topographic data, field surveys, engineering analyses, and Geographic Information System (GIS) efforts, translated to dollars contributed by CTPs and other stakeholders. Stakeholders are those State, local, regional, or Federal organizations that contribute to the production of a Digital Flood Insurance Rate Map (DFIRM) without signing a CTP agreement with FEMA.

Types of Mapping Activity Statements (MAS) activities include the following:

- Field surveys of cross sections and structures
- Topographic data development
- Hydrologic and hydraulic modeling and floodplain mapping
- Base map acquisition and preparation
- Refinement of approximate (Zone A) floodplain boundaries

- Redelineation of detailed flood hazard information using updated topography
- DFIRM preparation

The percentage of effort leveraged is measured by unit costs assigned to State and local CTP and non-CTP contributions divided by the dollars allocated by FEMA.

POSSIBLE FUTURE CHANGES TO DEFINITION OF LEVERAGE

- Leverage could include CTP and stakeholder value-added activities, multihazard contributions, and in-kind services such as outreach (including map adoption efforts), GIS efforts, engineering analyses, topographic data, and possibly the processing of Letters of Map Change.
- Additional activities such as multihazard items that include DFIRMs as a base (e.g., Hurricane Evacuation maps) and Stafford Act funding for communities that perform pre-disaster mitigation plans (allocated funds for pre-disaster activities such as identifying flood hazards) may also count as leverage.
- As part of FEMA's proposed Community Rating System (CRS) changes for 2004, credits for CRS points may be linked to CTP Program participation, which would enable communities to count savings from discounted insurance premiums as leverage.

CAPTURING LEVERAGE

The Cooperating Technical Partners (CTPs) Program was developed by the Federal Emergency Management Agency (FEMA) for State, local, regional, or Federal organizations that have the interest, capabilities, and resources to be active partners in Map Modernization. By becoming a CTP, local communities formalize their contribution and commitment to help ensure better overall floodplain management and multihazard risk identification through reliable, up-to-date flood maps that reflect local conditions. The contributions of other stakeholders aids in reaching the goals of Map Modernization. As FEMA and the partner identify specific mapping activities for the partner to undertake, they develop a Mapping Activity Statement (MAS) for those activities. If the activities are eligible for Federal funding, FEMA may award funds to the partner to supplement the ongoing mapping efforts. The contributions of other stakeholders also will be documented in much the same way.

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One of the main objectives of FEMA's CTP Program is to help maximize efforts to improve the safety of the Nation by creating reliable, up-to-date flood risk data in a GIS format. FEMA is seeking partners with existing mapping capabilities and mapping resources. CTPs are encouraged to contribute 20 percent of the cost of their projects so that the limited available FEMA funding can be more widely dispersed across the Nation.

Leverage for CTP members is captured through the MAS, a requirement of CTP members. Leverage information will be collected and presented in a report for each Fiscal Year, which will provide an estimate of the amount of mapping funds that FEMA has leveraged through partnerships. For each partner, a "leverage factor" is calculated. The leverage factor represents the amount by which FEMA's contribution will be magnified through partnerships. This leverage is measured in terms of the unit cost value of each partner's contributions as well as the percent of Total Net Contribution and the leverage factor of the contributions of the partner.

- Leverage data will be obtained at pre-scoping and scoping meetings through a MAS type of document for CTPs and other stakeholders.
- Leverage values for non-cash items would be obtained from the **FEMA Blue Book**, adjusted for inflation (2.27% for 2003).

PROMOTING LEVERAGE

Through CTP partnerships, the leverage mapping funds have steadily increased since the inception of the Program. As CTP membership continues to grow and expand to include multihazard partners, and as more stakeholders contribute to the mapping program, all mapping update efforts and contributions will be tracked. These efforts will greatly magnify FEMA's

contribution, creating tremendous value added nationwide.

WHERE CAN I GET MORE INFORMATION?

Is the CTP Program right for you? Take the CTP self-assessment to determine whether the CTP Program is a good fit for you and the organization you represent. You can access the assessment at www.fema.gov/fhm/ot_ctpr.shtm. Check out the CTP Web site at www.fema.gov/fhm/ctp_main.shtm, which contains a wealth of CTP-related information. For further information, contact the CTP Coordinator in your FEMA Regional Office or call the FEMA Map Assistance Center at 1-877-FEMA-MAP (336-2627). Visit the Multihazard Information Platform at hazards.fema.gov to learn more about Map Modernization.

