


# Factor 4 – Leverage and Outcomes

## Exhibit F

**RESILIENT**  
  
**SHELBY**

**Shelby County, Tennessee**  
**Greenprint for Resilience**  
**National Disaster Resilience Competition**  
**Phase Two – October 27, 2015**  
[ExhibitFLeverageShelbyCOTN.pdf](#)

## **EXHIBIT F: FACTOR 4 – LEVERAGE**

**Direct Financial Commitments.** Shelby County's approach to building resilient projects has included a broad leverage strategy dating back to the Sustainable Communities grant that supported the development of the GREENPRINT plan. Since Phase 1, Shelby County officials have met with additional potential partners to explore further financial commitments. The activities proposed in this application have been designed with consultation from partners who will be both contributing to the financing and managing implementation. Shelby County has secured the following leverage commitments on top of their existing leverage from Phase 1:

For the ***Big Creek*** activity, \$10 million from the Chickasaw Basin Authority, City of Millington, and Shelby County is firmly committed as direct leverage to the activity. Chickasaw Basin Authority will conduct operations and maintenance for the levee in perpetuity. For the ***Wolf River*** activity, the Wolf River Conservancy (WRC) brings \$31.5 million in direct cash leverage that will be used to buy property and develop the Wolf River Greenway in the floodplain along the river. WRC was recently accredited by the Land Trust Accreditation Committee and is implementing its comprehensive land conservation plan. The Wolf River activity is also being supported through \$3.5 million in funding from the City of Memphis, which will be used to (1) bring Rodney Baber Park to an 8 foot elevation and create a lake for stormwater retention and install recreational amenities, (2) improve Kennedy Park by supporting the construction of a retention and detention basin as well as constructing pedestrian facilities and expanded sidewalks, and (3) completion of a drainage study as part of the engineering requirements for the activity. For the ***South Cypress Creek*** activity, the City of Memphis is providing \$1.6 million in funding to support the voluntary buyouts, install vegetated berms and BMPs to protect the community from flooding, establish an additional park and trails, provide

needed home repairs for low-income households, and complete a drainage study as part of the engineering requirements for the activity.

The total direct leverage firmly committed to Shelby County's application is \$46,600,000. Letters from each leverage partner can be found in Attachment B: Leverage Documentation ([AttachBLEverageDocShelbyCOTN](#)).

<b>Direct Leverage</b>	<b>Total</b>	<b>Direct Leverage</b>	<b>NDRC Request</b>	<b>Source</b>
Activity 1: Big Creek	\$44,691,518	\$10,000,000	\$34,691,518	City of Millington, Shelby County, State of Tennessee
Activity 2: Wolf River Greenway	\$56,828,564	\$35,000,000	\$21,828,564	City of Memphis, Wolf River Conservancy
Activity 3: South Cypress Creek	\$12,020,653	\$1,600,000	\$10,420,653	City of Memphis (HCD and Stormwater)
Activity 4: Resilience Plan	\$2,100,000	\$0	\$2,100,000	
Administration	\$2,071,222	\$0	\$2,071,222	
<b>Total</b>	<b>\$117,711,957</b>	<b>\$46,600,000</b>	<b>\$71,111,957</b>	

**Supporting Commitments.** In December 2013, the Greater Memphis Chamber assembled over 100 CEOs from Shelby County and across the region to focus on critical areas for community change. These CEOs identified increasing green space to attract and retain talent as one of their priorities and identified the roll-out of the GREENPRINT as the key goal, seeking to fast-track implementation ahead of the planned 25 years. In support of these efforts, the Hyde Family

Foundations, a local philanthropy, gifted \$157,000 to fund a coordinator position to transition the GREENPRINT from plan to implementation, with the Greater Memphis Chamber committing an additional \$57,000 to support the position (see [AttachBLeverageDocShelbyCOTN.pdf](#)). The coordinator, John Michels, has been hired since the Phase 1 application was submitted. This leverage also supports the Regional Resilience Plan activity developed in this application.

Shelby County's supporting commitments draw heavily from the ongoing implementation of the GREENPRINT plan, whose goals and approach formed the framework for the development of the Greenprint for Resilience project outlined in this application. Multiple ongoing projects are integral to the development of the GREENPRINT network, including proposed trail corridors and regional parks. Projects involving the development of proposed trail corridors of the GREENPRINT network include the Shelby Farms Greenline and park trails (\$5,822,181); the Main-to-Main Multimodal Connector Project managed by the City of Memphis, connecting Memphis to City of West Memphis, AR, including the Harahan Bridge connection across the Mississippi River (\$34,423,302); and Fletcher Creek Greenway, Overton Park Cooper Street Trail and Perimeter Trail, Germantown Greenway, Chelsea Avenue Greenline, South Memphis Greenline, Shelby Farms Greenline Bridge, and Arlington Bike/Pedestrian Trail funded through the Memphis Urban Area Metropolitan Planning Organization, a department of DPD (\$4,338,696). Projects involving development or major renovation of regional parks include the Shelby Farms Heart of the Park, a restoration of Patriot Lake and addition of new facilities to this 4,500 acre park owned by Shelby County and managed by Shelby Farms Park Conservancy (\$46,493,211); T.O. Fuller Park nature center, an interpretive center and wetland restoration near the *South Cypress Creek* area (\$800,000); and development of the West Memphis EcoPark, including outdoor spaces, refuge for wildlife, and

agriculture uses along the Mississippi River connected to downtown Memphis through the Harahan Bridge (\$1,250,000). These projects directly support the Greenprint for Resilience project and activities in this proposal by bringing recreational amenities, green and natural space, and transportation access and connectivity to the Mid-South region.

Shelby County has conducted a drainage study for resilient approaches to address impacts from the 2011 qualified disasters and future flooding along Big Creek (\$72,000).

The total supporting leverage committed to Shelby County's application is \$93,413,390. Letters from each leverage partner can be found in Attachment B: Leverage Documentation ([AttachBLeverageDocShelbyCOTN](#)).

Supporting Commitments	Amount	Description
City of Memphis	\$34,423,302	Harahan Bridge (Main to Main)
City of West Memphis	\$1,250,000	West Memphis EcoPark
Greater Memphis Chamber	\$57,000	Greenprint coordinator
Hyde Family Foundations	\$157,000	Greenprint coordinator
Memphis MPO	\$4,338,696	Multiple trails (TIP and TAP)
Shelby County (Big Creek)	\$72,000	Drainage study for subject basin
Shelby County (Greenline, Trails)	\$5,822,181	Shelby Farms Park and Greenline
State of Tennessee	\$800,000	TO Fuller Park Interpretive
Shelby Farms Park Conservancy	\$46,493,211	Heart of the Park
<b>Total</b>	<b>\$93,413,390</b>	
<i>Maximum allowable</i>	<i>\$69,900,000</i>	