

GIP Sample Community Value

Mitigation City's stormwater needs are being underserved by an aging and undersized infrastructure that was installed over 50 years ago and has exceeded its useful life. Because of this, the neighborhood habitually floods, even during small to medium intensity storm events, causing significant disruption to pedestrian and vehicular traffic. During high intensity storms, these disruptions are more prolonged and severe.

Public and private infrastructure and landscaping currently sustain damage in virtually any storm event. Roads become impassable. Critical services cannot be efficiently delivered, and many residents cannot leave their flooded homes for shelters.

Replacing the stormwater infrastructure in this neighborhood will fortify the following community lifelines: safety and security; food, water, and shelter; communications; and transportation. The project will ameliorate the negative impacts of flood events in Mitigation City and the surrounding areas, which currently endanger the safety and security of residents and force homeowners to leave their primary source of shelter. The project will allow low-and-moderate income (LMI) families to safely shelter in place during major storms. The reduction in flooding will also allow critical services such as medical, energy and transportation to travel through the community to reach endangered community members quickly.

The proposed improvements are intended to reduce flood stage and time of inundation above road crowns for a 10 year-24-hour design storm event and to protect against structural flooding in a 100 year-72-hour storm event. Flood stage and duration reductions will mitigate the multiple risks inherent with the City's currently inadequate infrastructure.