CARROLL CREEK PARK
FLOOD CONTROL AND MORE,
MAXIMIZE FUNCTIONALITY AND USAGE
SEPTEMBER 24, 2019
FREDERICK COUNTY
THE CITY OF FREDERICK - LOCATION
WATERSHED VICINITY MAPS

Downtown Frederick

Flood Control Area

Monocacy River

Carroll Creek

Potomac River

Adams County, PA

Gettysburg

Westminster

Carroll County, MD

Frederick

Montgomery County, MD

Virginia
CARROLL CREEK
ORIGINAL NATURAL STREAM CHANNEL
THE FLOODS OF 1972 & 1976
SATURDAY, OCTOBER 9, 1976

The Frederick Post

Flood damage may hit $25 million

County damage varied

City officials eye flood control plan

7.27 inches of rainfall Bog City
FLOOD CONTROL
DESIRED OUTCOMES

• Balance
• Public Safety
• Historic Preservation
• Aesthetics
• Environment
• Economics
Abandon Downtown Floodplain – Retain and enhance natural floodplain through downtown and remove damaged buildings.

Rejected: Economic, historic, and human impact was too high

Many historic buildings, homes, businesses would be lost, and future storms would still flood large portions of downtown
Install Flood Control Ditch – Dig a large floodwater management ditch through downtown to handle future floods

Rejected: Aesthetics and safety concerns and did not lend itself to economic prosperity along its length.
INNOVATIVE OPTION
ACCEPTED

HYBRID FLOOD CONTROL SYSTEM

- ~$60 Million ($20M City, County, State)
- 1.3 Miles of Underground Conduits
- Each conduit is 20’x20’ (large enough to carry millions of gallons of stormwater)
- Allowed for linear park to be constructed connecting east and west through downtown – shared us path system
- Allows for Historic Preservation, Infill Development & Downtown Economic Development
INNOVATIVE OPTION ACCEPTED

MOVED DOWNTOWN FREDERICK FROM THE FEMA 100 YEAR FLOODPLAIN
CONSTRUCTION
LATE 80S – EARLY 90S

~1990
MAY 2018, STORM

Normal Day

Flood Condition
JULY, 2019 STORM
PARK DEVELOPMENT
2003 MASTER PLAN UPDATE
LDR/HNTB
LONG TERM VISION

- 43 Years – 1976-2019 - 6 City Administrations
- $200M+ public investment
- $200M+ private investment
- Flood control Development
- FEMA 100 floodplain map revision
- Urban park/Shared Use Path development
- Mixed-use infill development
- Business recruitment & job creation
- Tax revenue generation
- Multi-modal transit
- 18-hour day (vibrant, active place)
$27 Million Public Park Improvements
$45 Million Private Construction Completed
$150 Million Private Construction Planned

2007 Maryland APA Project of the Year
2008 IEDC Project of the Year
2019 – SATELLITE VIEW
UNION KNITTING MILLS
C. BURR ARTS LIBRARY
FCPL HEADQUARTERS
VISIT FREDERICK VISITORS CENTER
MAXWELL PLACE CONDOMINIUMS
CREEKSIDES PLAZA
SOUTH MARKET CENTER
DOWNTOWN HOTEL AND CONFERENCE CENTER PROJECT
DOWNTOWN HOTEL AND CONFERENCE CENTER PROJECT

- 199 Guest rooms
- 22,000SF Meeting Space
- 167 Space(+) Parking Garage
- Renovated historic trolley building
- Retail and restaurant space including a rooftop lounge
- Terrace on Carroll Creek Park

www.downtownhotelatcarrollcreek.com
PUBLIC ART
PUBLIC ART
CARROLL CREEK PARK
IT’S ALL ABOUT THE PEOPLE
CELEBRATE FREDERICK - FREDERICK WINE FESTIVAL AND IN THE STREETS
FESTIVAL OF THE ARTS, FREDERICK PRIDE, AND MD CRAFT BREWFEST
PROGRAMMING THE CREEK WATER – COLOR ON THE CREEK AND SAILING INTO THE WINTER SOLSTICE
JOIN THE STORY

Richard Griffin, AICP, CEcD
Director of Economic Development

Bob Smith
Deputy Director, Parks and Recreation