

# STRATFORD GREEN FLOOD REDUCTION PROJECT



## PROJECT DETAILS

### LOCATION

Unincorporated Willowbrook

### ISSUE

The local community is inundated with flood water in rainfall events limiting access to homes by property owners and emergency vehicles.

### SOLUTION

Expansion of detention pond, modification to overland flow path and storm sewer improvements

### BENEFIT

Reduce flooding to allow for safe access to homes and roadways.

### COST ESTIMATE

\$350,000

### DISTRICTS REPRESENTED

US Senate - Illinois

US Representative District 6

IL Senate District 41

IL Representative District 82

County Board District 3



## PROJECT HISTORY & INFORMATION

The Stratford Green Condominium Complex in Unincorporated Willowbrook has been experiencing flooding during large storm events for many years. This multi unit property accepts stormwater runoff from nearly 347 acres offsite including nearby properties and I-55. The existing on site detention basin cannot handle the flows, causing widespread flooding throughout the complex. The floodwaters threaten the residential dwellings and flood the parking lot, limiting

access for emergency vehicles and preventing ingress/egress for residents.

Proposed improvements include modification to the emergency overflow route of discharge from the existing basin, creation of new flood water storage, and upgrades to the existing storm sewer including installation of backflow preventers (check valves).