

Stormwater Management Phase II - Conceptual Projects

Problem Area ID	Location	Description	Suggested Solution
Cicero 1	36th St. and 61st Ave.	Intersection floods, building located at the southeast corner experiences first floor flooding	Underground detention facility, either under public right-of-way or in nearby Kolar Park
Crestwood 1 and 2	135th St./Central Ave. and Midlothian Turnpike/Cicero Ave.	Residential and roadway flooding	Construct drainage improvements along existing berm to reduce residential flooding and provide detention to address roadway flooding.
Forest View 2	Harlem Ave under railroad tracks just South of 46th St.	Drainage system for underpass is inadequate	Install larger drainage structures to increase capacity of sewer system draining to CSSC
Glenwood 3 and 6	187th Street and Main Street at Thorn Creek	Roadway and residential flooding	Construct relief sewer in original part of Village to provide drainage outlet to Thorn Creek, raise roadway (187th St.), and construct a berm.
Lansing 1	181st Street and Stony Island Ave.	Stony Island Ditch exceeds its banks and floods Stony Island Ave., 181st Street, Brittany Lane and Crystal Lane.	Upsize outfall to Stony Island Ditch and modify existing drainage system.
Midlothian 1	Natalie Creek drainage area - 153rd and Lavergne Ave. to 146th and Pulaski Rd.	Undersized storm sewers and culverts, lack of detention.	Upsize sewers and culverts and provide additional detention
Northbrook 2 and 5	Shermer Road and Cherry Lane	Residential and roadway flooding	Provide overflow sewer, and construct additional inlets and new storm sewer outlet to West Fork of North Branch Chicago River
Oak Lawn 2 and 4	North and south of 103rd Street, from Central Ave. to Cicero Ave.	Inadequate storage for runoff	Expansion of existing detention pond (Oakdale Pond) and construction of underground storage pipe or box culvert in 103rd Street (to be reconstructed)
Palos Heights 4	Cypress Dr., north of 131st St.	Undersized storm sewer can't handle drainage	Storm sewer improvements
Palos Hills 1	8900 W. 103rd St. to 10450 W. 88th Ave.	Streambank erosion and street flooding	Bank stabilization and channel improvements.
Robbins 2	138th St. East and West of Kedzie Ave.	Overbank Flooding	Channel improvements and/or additional storage
Westchester 1	Mayfair Reservoir	Flooding of local streets and homes to the east, west and south of the existing reservoir	Expansion of reservoir (excavation and berm)
Worth 2	Worth Woods Subdivision/ 112th Place and Beloit Ave.	Inadequate storm sewer system	New storm sewer and outfall to Stony Creek
Cook County Department of Transportation and Highways 2 (Bridgeview and Justice)	Roberts Road, 87th Street to Archer Avenue	Lack of an adequate stormwater conveyance system located along Roberts Road. Flooding occurs along Vollmer Road and impacts residential property.	Storm sewer improvements

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Cook County Department of Transportation and Highways 3 (Matteson)	Vollmer Road at Red Barn Avenue, east of Ridgeland Avenue	Existing detention facility is undersized and has improper overflow system discharging into County right-of-way	Detention pond modifications, additional inlets on Red Barn Avenue and berming and other grading activities to contain and redirect the overflow
Cook County Department of Transportation and Highways 4 (Countryside, LaGrange, McCook, Lyons Township)	Plainfield Road, from Willow Springs Road to East Avenue	Local flooding occurs along sections of this route due to the lack of an adequate storm sewer outlet system	Storm sewer improvements (would involve cooperation with local municipalities, Illinois Department of Transportation, CCDTH, and the quarry owners).
Cook County Department of Transportation and Highways 5 (Prospect Heights)	Willow Road at McDonald Creek Tributary A (Hillcrest Lake) south of Palatine Road	Roadway flooding at the crossing of McDonald Creek	Roadway raising with installation of multiple culverts
Cook County Department of Transportation and Highways 6 (Orland Park)	108th Avenue at 161st Street	Roadway flooding at entrance to school due to various issues associated with insufficient stormwater conveyance	Modification to existing detention pond, reestablishment of adequate overland flow drainage pathway, and raising roadway and school driveway entrance
Illinois Department of Transportation 10 (Chicago)	IL-43 from IL-19 to Forest Preserve Dr.	Underground storm sewers along Harlem Avenue (IL-43) that are nonfunctioning	Storm sewer replacement, oversized for detention.
Illinois Department of Transportation 11 (Rolling Meadows)	IL-53 at IL-62 Interchange	Improper grading, lack of a ditch, and an undersized storm sewer at the northbound IL 53 ramp with Il 62	Excavate detention in ramp infield and add new storm sewers, replace old sewers along IL-62
Illinois Department of Transportation 12 (Melrose Park)	IL-64 West of 25th Ave to 20th Ave, PS #12	Roadway flooding on North Ave. (IL 64)	Supplement existing PS outlet sewer with new storm sewer along IL-64 to Silver Creek
Illinois Department of Transportation 15 (Maywood, Broadview)	IL-171 (1st Ave.) South of IL-38 (Roosevelt Rd.) to Cermak Rd.	Flooding along 1st Ave. at Loyola University Medical Center	Install relief storm sewer and drainage structures
Illinois Department of Transportation 17 (Northfield Township, Glenview)	Central Road from IL-21 (Milwaukee Ave) to Dearlove	Large (over 400 acre) offsite drainage area overwhelms existing storm sewers	Install new storm sewers, drainage structures, and stormwater detention