



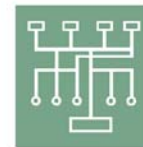
Associates



Engineers



Architects



Systems



Construction
Managers

TINLEY CREEK BICYCLE TRAIL- NORTH LOOP COMPLETION

COOK COUNTY,
ILLINOIS

**FOREST
PRESERVE
DISTRICT OF
COOK COUNTY**

HOH performed Phase II plans, specifications and estimates for a 1.5 mile bicycle trail through the Tinley Creek Forest Preserve in southwestern Cook County. HOH performed all the geometrics for the alignment and profile, the drainage studies including floodway and floodplain impacts with mitigation, design of a bridge crossing Tinley Creek, environmental evaluation of the area, including archeological and wetland determinations.

The design included crossing state and county roadways in two locations. One crossing was located at mid block with flashing beacon warning signs and pavement marking, the other was located at a signalized intersection and included signal modifications for pedestrian signal and loop detectors.

Drainage design included cross culverts for the 100 year storm event, compensatory storage and floodplain analysis.

