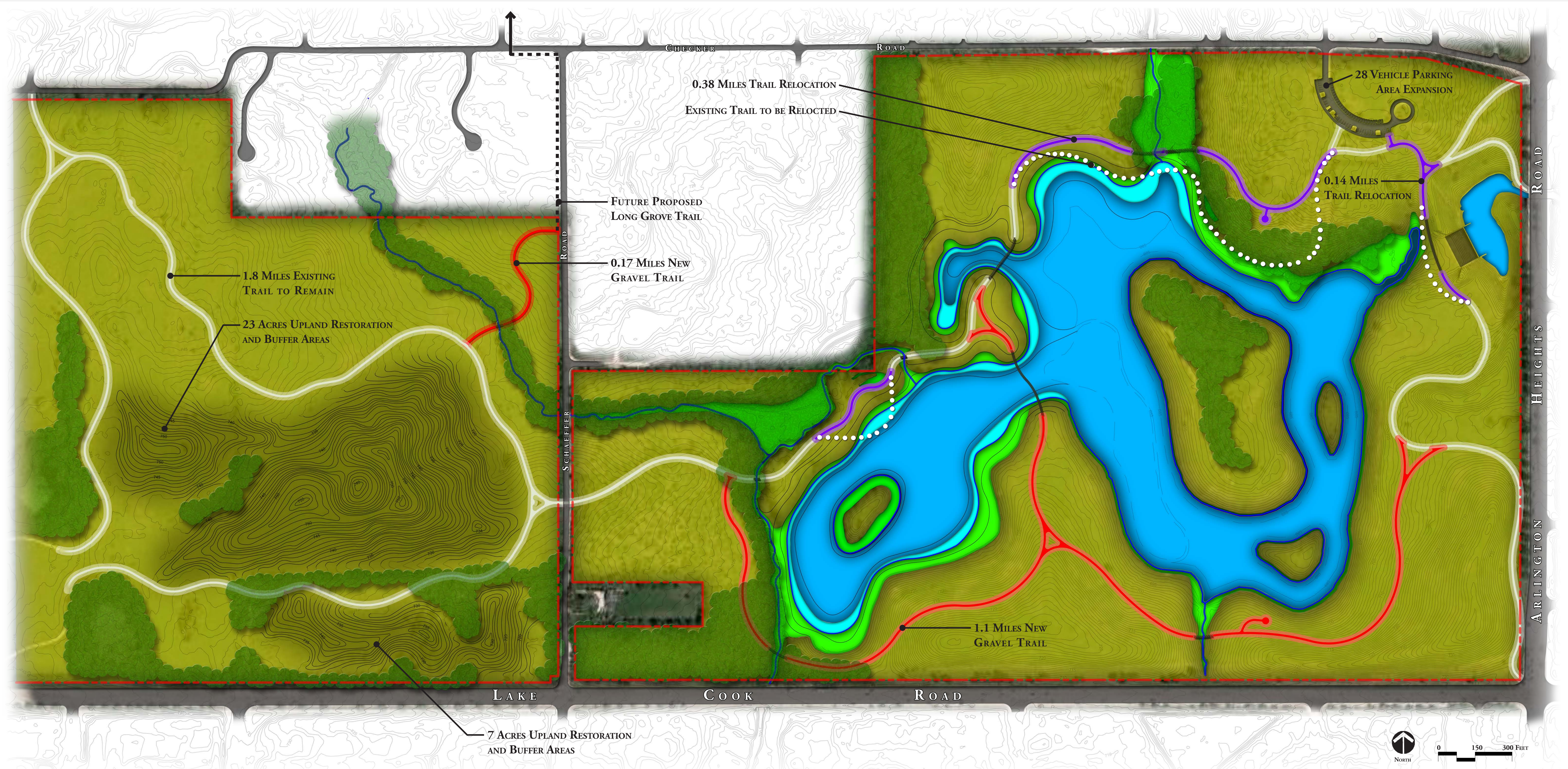


BUFFALO CREEK RESERVOIR EXPANSION

PREFERRED CONCEPT



PREPARED FOR:



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

PROPERTY OWNER:

Lake County Forest Preserves
www.LCFPD.org

PREPARED BY:

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

	PREFERRED CONCEPT	EXISTING CONDITIONS	INCREASE
FLOOD VOLUME AT ELEVATION 702:	932.1 ACRE-FEET	760.8 ACRE-FEET	171.3 ACRE-FEET
OPEN WATER AREA:	40.1 ACRES	33.8 ACRES	6.3 ACRES
EMERGENT ZONE AREA:	4.5 ACRES	-----	4.5 ACRES
WETLAND AREA:	14.8 ACRES	14.1 ACRES	0.7 ACRES
TRAIL (EAST OF SCHAEFFER RD):	2.8 MILES	1.7 MILES	1.1 MILES
TRAIL (WEST OF SCHAEFFER RD):	1.97 MILES	1.8 MILES	0.17 MILES

- OPEN WATER
- OPEN WATER / EMERGENT ZONE
- WETLAND
- UPLAND
- EXCAVATED SOIL / PRAIRIE RESTORATION
- BOARDWALK
- EXISTING LONG GROVE TRAIL
- PROPOSED LONG GROVE TRAIL
- EXISTING LCFP TRAIL
- TRAIL RELOCATION
- NEW GRAVEL TRAIL
- EXISTING TRAIL TO BE RELOCATED