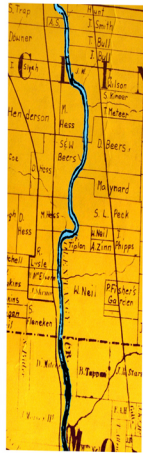


ADVANCED DESIGN STUDIO

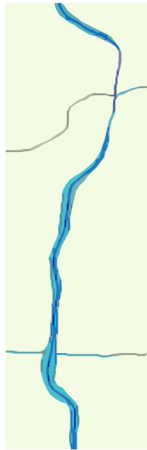
Professor Jane Amidon

Spring 2005

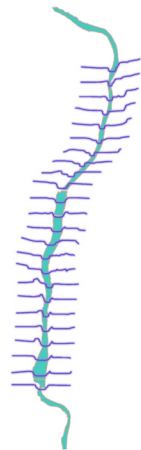
The concept behind this studio was Professor Amidon's idea of a 'Land Machine': a productive landscape comprised of both operating ecological systems and human technological interventions in such a way that the two become indistinguishable. Following the history of production along the Olentangy River reveals a diverse range of industry from mills to amusement parks. The trend today is recreation, yet the river corridor remains ignored except for the multi-use path. This design proposes a series of concrete arches that mirror the river bank slope profile, from which a new multi-use path is suspended. The suspended path creates a surface with varied slopes that, at points, dip down to touch the river. The entire design is a physical and conceptual inversion of the way we interact with the river today. The new path clears the flood plain of non-permeable surfaces and further reconnects the users with their environment.



1812



watersheds



slope profile



vege-matrix



morph composite



existing multi use path



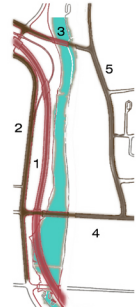
1913 flood



aerial photograph



- city of columbus
- ohio state univ.
- state of ohio



- 1 us rt 315
- 2 olentangy river road
- 3 john herrick avenue
- 4 cannon drive
- 5 king avenue



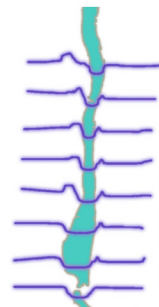
olentangy multi use trail



vegetation: unruly matrix of native & exotic species



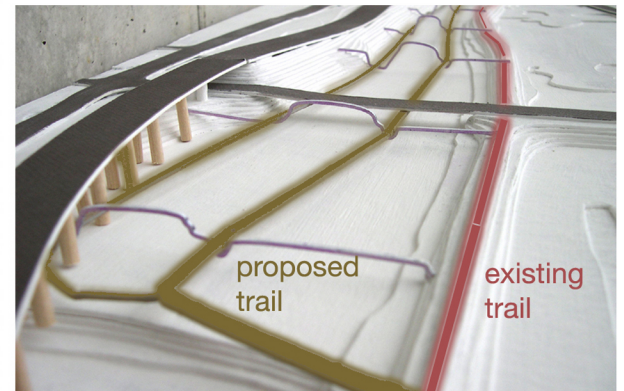
composite: status quo



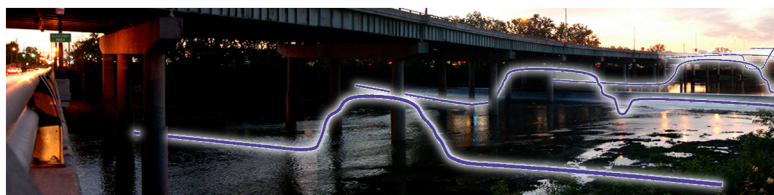
slope profiles



soils
Ut - low development potential
Ux, Uw - high development potential



Physical Site Model



JASON M. BRABBS, MLA

6 1 4 . 2 1 8 . 1 4 3 8
3 2 9 W I L B E R 2
C O L U M B U S O H I O 4 3 2 1 5
b r a b b s . 1 @ o s u . e d u