



**HARFORD**  
COMMUNITY COLLEGE



**RK&K**



# HARFORD COMMUNITY COLLEGE STREAM RESTORATION

**Existing Conditions**



## SITE CONCERNS

- Highly eroded and incised channel banks
- High stream banks causing tree loss and safety concerns
- 890 tons of sediment eroding to downstream waterways per year

## DESIGN GOALS

- 2,386 linear feet of stabilization
- Provide stable channel morphology
- Provide floodplain benching for energy reduction
- Increase in-stream habitat opportunity
- Wetland enhancement
- Minimize tree loss

## BENEFITS

- Reduces stream bank erosion
- Improves water quality in watershed
- Safer and more usable space
- Runoff mitigation and reduction of sediment loads
- Improvement in forest health and diversity
- 108.3 Impervious acres treated towards MS4 goals

**Proposed Design**

