Assignment #4  
URPL 969 – Applied GIS Workshop  
Spring 2007  

Class Project – GIS Analysis of Land Use in Milwaukee’s Historic Fifth  
Ward/Walker’s Point Neighborhood  

This year’s class project is a land use inventory and analysis of the Historic Fifth  
Ward/Walker’s Point area in Milwaukee. This area is just south of downtown and  
bounded by the Inner Harbor, Milwaukee River, I-94, and National Avenue. The area is  
characterized by a variety of land uses and is changing rapidly. There is still a fair  
amount of industrial use and one of the highest concentrations of jobs in the city. A plan  
for the area is just getting started and the City is interested in seeing the area retain and  
grow its job base, while following smart growth principles during redevelopment. The  
area has a strong Hispanic presence and has some coastal dependent uses that are being  
impacted by large-scale residential development along the water.  

The class project will be presented to interested faculty and staff on campus on  
Wednesday, May 9th from 1:00 to 2:15 pm in Room 208, Old Music Hall and to  
collaborators from Milwaukee via WisLineWeb - web collaboration software operated by  
UW Extension - on Friday, May 11th from 1:00 to 2:15 pm. This will originate from  
Room 327 in the Pyle Center. The presentation will be divided into three parts: an  
overview of the course and class project; thematic maps derived from LBCS and MPROP  
attributes; and the use of GIS to explore catalytic projects, smart growth principles, and  
coastal dependent uses in the study area.  

A final report based on the class project will be compiled by the instructor after the  
presentations. The report will document the methods, as well as the time and effort  
required to conduct an LBCS survey in an urban setting. It will also include a tutorial  
demonstrating how to GIS can be used to conduct land use analyses with LBCS data.  
The goal is to publish the report and share it with the broader planning community. To do  
so, the following products are assigned.  

• Maps generated for the LBCS or MPROP attribute that were individually assigned.  
  These maps should be easily incorporated into a collective Powerpoint presentation.  
• A short report that describes the purpose of the maps you created from your assigned  
  LBCS or MPROP attributes and the steps used to create the maps.  
• Maps generated for the planning/neighbohood issue that you selected (catalytic  
  projects, coastal dependent uses, smart growth principles). Again, these maps should  
  be easily incorporated into a collective Powerpoint presentation.  
• A short report (completed as part of a group effort) that describes the  
  planning/neighbohood issue maps and the steps used to create them.  

Due date:  Friday, May 11th