Cannonball Path Phase 5	PN 53W1547	Mad
Project Engineer	Tony Fernandez 266-9219	
Alder District 14	John Strasser	
Project Limits	1000' NE of Beltline to	Fish Hatchery Road
Length	3000 feet	
Path	Existing	Proposed
Project Type: Multi-use (bike-ped		
Width	10' at south terminus	10' paved, 2' grass shoulders
Surface Type	n/a (new path)	Asphalt
Structures	n/a (new path)	35' span prefabricated steel bridge
		120' Modular block retaining wall
Sidewalk		
Minor sidewalk at fish Hatchery R		
Storm Sewer		
	Cross pipes, new inlets and mi	nor relocation of existing sewer & endwall
Storm Sewer Work Required: Size	Cross pipes, new inlets and mir 24"	nor relocation of existing sewer & endwall 12" to 24"
Work Required:		
Work Required: Size	24"	12" to 24"
Work Required: Size Material Year	24" Concrete	12" to 24" Concrete
Size Material	24" Concrete 1986	12" to 24" Concrete
Work Required: Size Material Year <b>Sanitary Sewer</b>	24" Concrete 1986	12" to 24" Concrete 2014
Work Required: Size Material Year <b>Sanitary Sewer</b> Work Required:	24" Concrete 1986 Relocate segment of 10" unde	12" to 24" Concrete 2014 new bridge and redirect to new pipe
Work Required: Size Material Year Sanitary Sewer Work Required: Size	24" Concrete 1986 Relocate segment of 10" unde 10"	12" to 24" Concrete 2014 new bridge and redirect to new pipe 10"
Work Required: Size Material Year Sanitary Sewer Work Required: Size Material Year Water Main	24" Concrete 1986 Relocate segment of 10" unde 10" VP (Clay) 1967 Existing	12" to 24" Concrete 2014 new bridge and redirect to new pipe 10" PVC 2014 <b>Proposed</b>
Work Required: Size Material Year <b>Sanitary Sewer</b> Work Required: Size Material Year	24" Concrete 1986 Relocate segment of 10" unde 10" VP (Clay) 1967 <b>Existing</b> Abandon existing through Arbo	12" to 24" Concrete 2014 new bridge and redirect to new pipe 10" PVC 2014 <b>Proposed</b> retum & install new main in path corridor
Work Required: Size Material Year <b>Sanitary Sewer</b> Work Required: Size Material Year <b>Water Main</b> Work Required:	24" Concrete 1986 Relocate segment of 10" unde 10" VP (Clay) 1967 <b>Existing</b> Abandon existing through Arbo Relocate segment around new	12" to 24" Concrete 2014 new bridge and redirect to new pipe 10" PVC 2014 <b>Proposed</b> retum & install new main in path corridor bridge
Work Required: Size Material Year Sanitary Sewer Work Required: Size Material Year Water Main	24" Concrete 1986 Relocate segment of 10" unde 10" VP (Clay) 1967 <b>Existing</b> Abandon existing through Arbo Relocate segment around new 12"	12" to 24" Concrete 2014 new bridge and redirect to new pipe 10" PVC 2014 <b>Proposed</b> retum & install new main in path corridor
Work Required: Size Material Year <b>Sanitary Sewer</b> Work Required: Size Material Year <b>Water Main</b> Work Required:	24" Concrete 1986 Relocate segment of 10" unde 10" VP (Clay) 1967 <b>Existing</b> Abandon existing through Arbo Relocate segment around new	12" to 24" Concrete 2014 new bridge and redirect to new pipe 10" PVC 2014 <b>Proposed</b> retum & install new main in path corridor bridge
Work Required: Size Material Year Sanitary Sewer Work Required: Size Material Year Water Main Work Required: Size Material Street Lighting & Signals	24" Concrete 1986 Relocate segment of 10" unde 10" VP (Clay) 1967 <b>Existing</b> Abandon existing through Arbo Relocate segment around new 12"	12" to 24" Concrete 2014 new bridge and redirect to new pipe 10" PVC 2014 Proposed retum & install new main in path corridor bridge 12" Ductile Iron Proposed
Work Required: Size Material Year <b>Sanitary Sewer</b> Work Required: Size Material Year <b>Water Main</b> Work Required: Size Material	24" Concrete 1986 Relocate segment of 10" unde 10" VP (Clay) 1967 <b>Existing</b> Abandon existing through Arbo Relocate segment around new 12" PVC	12" to 24" Concrete 2014 new bridge and redirect to new pipe 10" PVC 2014 Proposed retum & install new main in path corridor bridge 12" Ductile Iron

## Trees

Will remove approximately 75 trees 6" or larger, mostly invasive species. Reviewed with Froestry and Arboretum staff. Remove approximately 5 trees of desirable species

## Cost

Total Cost Adjacent Property Assessments	\$1,065,000 none	Includes Real Estate, Engineering and contingencies
Schedule Start Date	June 30, 2014	
Project duration	15 weeks	