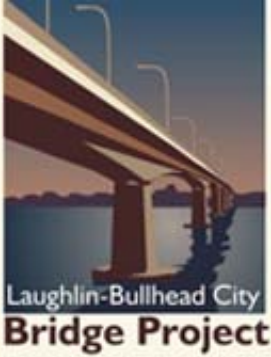


Laughlin-Bullhead City
Bridge Project

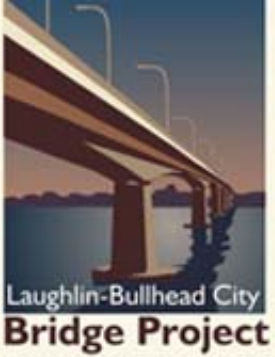
**Neighborhood Meeting
for
Riverview Alternative and Rotary Park
May 28, 2008
Bullhead City, Arizona**



Project Team Members

- **Federal Highway Administration (NV and AZ)**
- **Department of Transportation (NV and AZ)**
- **Regional Transportation Commission of Southern Nevada (RTC)**
- **Clark County**
- **Mohave County**
- **Town of Laughlin**
- **City of Bullhead City**
- **Other Resource Agencies**



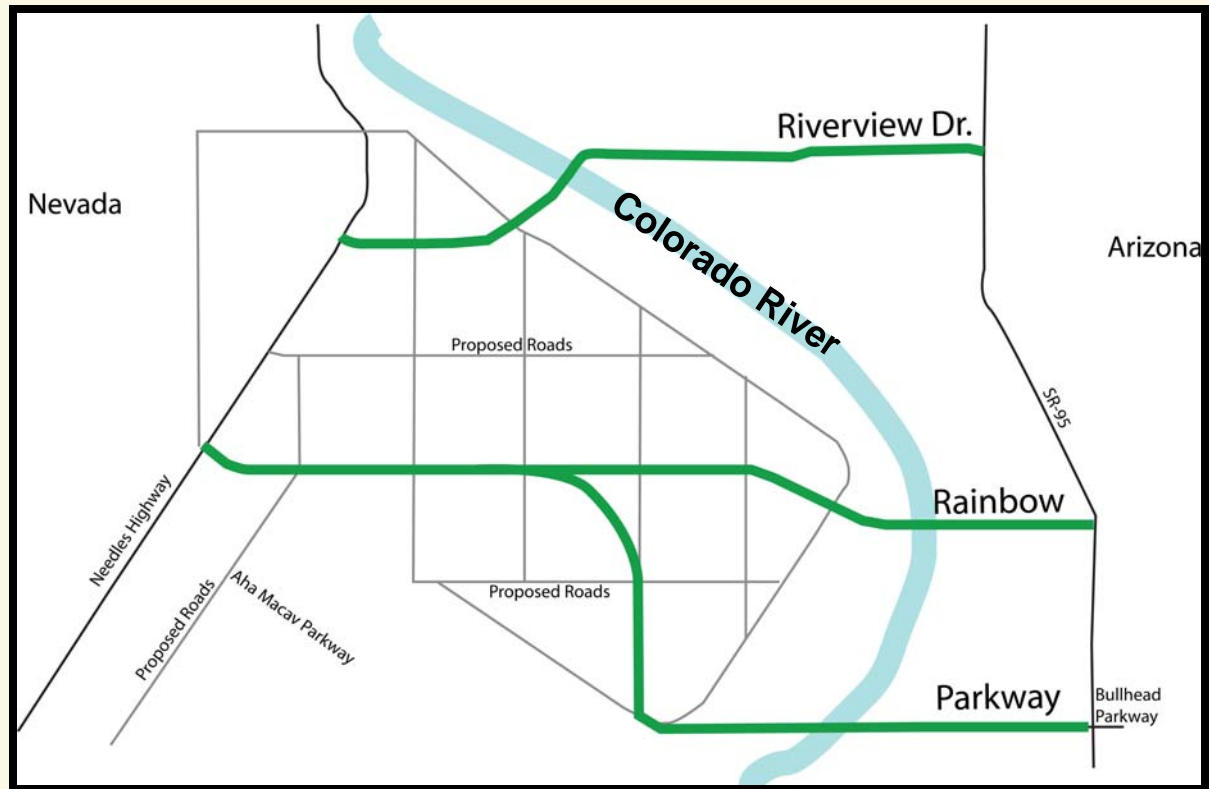


Recommended Preferred Alternative

No Build

Build Alternatives

- Riverview Drive
- Rainbow Drive
- Bullhead Parkway

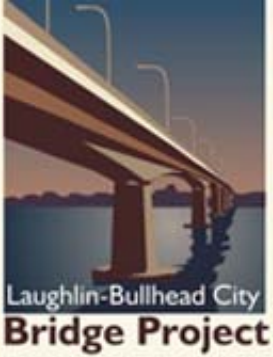


Preferred Alternative Evaluation Criteria



- Traffic
- Wetlands/waters of the U.S.
- Emergency access
- Sensitive biological resources
- Costs
- Noise
- Land use conformity
- Engineering
- Cultural resources
- Native American consultation





Projected Traffic Distribution

2012 Daily Flow

- 45,100 Existing bridge crossings
- 19,500 Riverview bridge crossings
- Average speed 37 mph

2030 Daily Flow

- 79,600 Existing bridge crossings
- 49,600 Riverview bridge crossings
- Average speed 24 mph





Riverview Alternative Design in AZ

Phase 1 – Opening Year (2012)

- **Right of Way: 113 feet - 123 feet**
- **Bridge: Build for 6 lanes, stripe for 4 lanes initially**
- **Roadway: 4 travel lanes**
- **Frontage Roads: 2 travel lanes + 1 parking lane, sidewalk**
- **12-foot multi-use trail**

Phase 2 – Future Widening (2030)

- **Right of Way: 143 feet - 153 feet**
 - **Bridge: Striped for 6 travel lanes**
 - **Roadway: 6 travel lanes**
- 



Riverview Alternative Potential Impacts

- **Access**
- **Safety**
- **Land use**
- **Public parks & recreation resources**
- **Noise levels**
- **Air quality**



Best Design Practices



- **Impact avoidance**
- **Minimization**
- **Mitigation**
- **Enhancement measures**

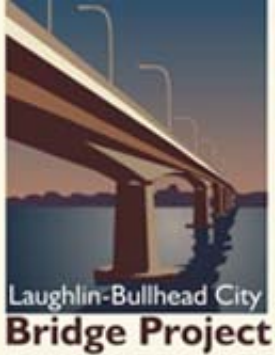




Potential Access Impacts

- **Project design provides access to all properties**
- **Frontage roads were created to enhance access**
- **More convenient access to park from Laughlin**
- **ADA compliant pedestrian access for residences and park**





Potential Safety Impacts

- **Project design provides increased traffic, pedestrian, and bicycle safety**
- **Frontage roads were created to enhance safety so cars are not backing out of the driveways**
- **New traffic signals installed at Balboa, Newport, Lakeside, and San Carlos**
- **Multi-use trail and sidewalk will provide safer environment for pedestrians, bicycles, and ADA users**



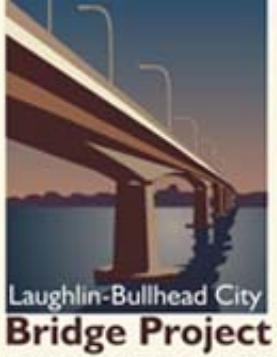
Potential Land Use Impacts

- **Project design provides minimal impacts to land use**
- **No property takings, only right of way acquisitions**
- **Riverview Drive is a designated major arterial in the Bullhead City General Plan**
- **2006 Rotary Park Plan incorporates bridge project**



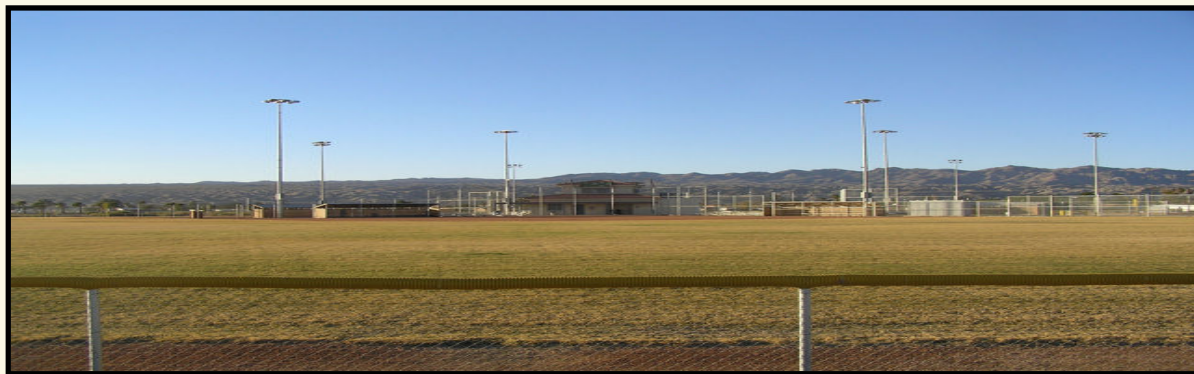
Potential Public Parks & Recreational Resources Impacts

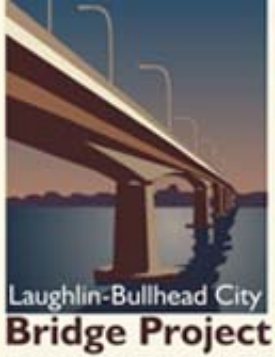
- **Project design provides minimal impacts to Rotary Park and its recreational resources**
- **Phase 1 impacts 10.6 of 212 acres of Rotary Park**
- **Phase 2 impacts 13.7 of 212 acres of Rotary Park**
- **Relocation of four picnic ramadas**
- **Kaboom Playground is already in the process of relocation**
- **Trails will be minimally rerouted, including the provision of access under the bridge**



Potential Public Parks & Recreational Resources Impacts (Continued)

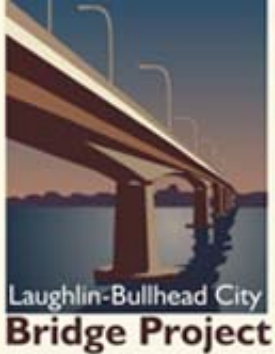
- Phase 1 impacts 3 feet of existing softball field
- Phase 2 impacts 33 feet of existing softball field
- Improvements consistent with park master plan
- Relocation of main park signage





Potential Noise Impacts

- **64 dBA (sound levels) ADOT standard for residences**
- **Existing condition: upper-40s dBA to low 50s dBA**
- **Future condition: 55 dBA to 67 dBA**
- **Project design provides 5 noise barriers (59 to 62 dBA)**
- **Noise barriers range from 6 to 12 feet in height**



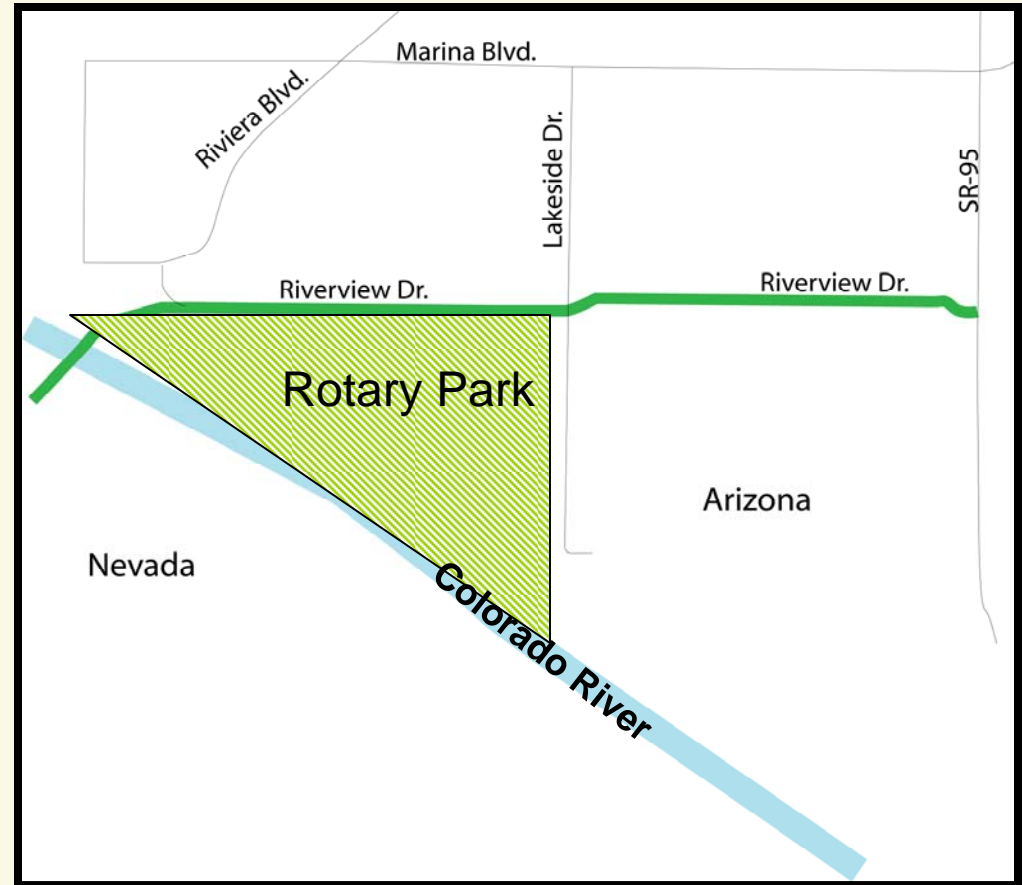
Potential Air Impacts

- **Predicted Carbon Monoxide (CO) concentrations lowest for Riverview in 2030**
- **2.1 to 3.2 parts per million (ppm) CO existing condition**
- **2.9 to 3.5 ppm CO future build condition**
- **1-hr EPA standard 35 ppm (maximum level for health)**
- **Concentrations not expected to cause or contribute to an exceedance of the federal or state air quality standards for CO and PM10**

Rotary Park

Laughlin-Bullhead City
Bridge Project

A federal law called
“*De Minimis*” allows
transportation projects
on public park or
recreation land under
specific conditions.





De Minimis

***De Minimis* impacts on publicly owned parks, recreation areas, wildlife or waterfowl refuges are defined as those that do not “adversely affect the activities, features, and attributes” of a Section 4(f) resource.**



De Minimis Agency Coordination



- **Federal Highway Administration has informed the Bureau of Land Management (BLM) of intent to make a *De Minimis* determination**
- **Project Interdisciplinary Team will coordinate with BLM**
- **BLM will/will not concur in writing with determination**



Tentative Project Schedule

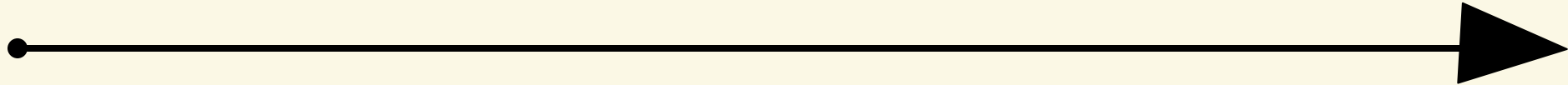


Planning &
Preliminary
Environmental Work

Environmental
Assessment &
Preliminary
Engineering

Final Design,
Rights-of-Way &
Permitting

Bid Process &
Construction



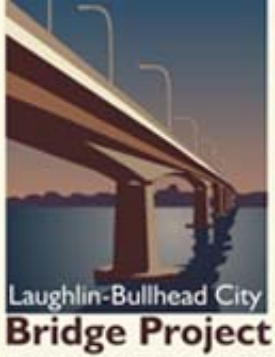
2004
through
2007

2007
through
2009

2009
through
2010

2010
through
2012



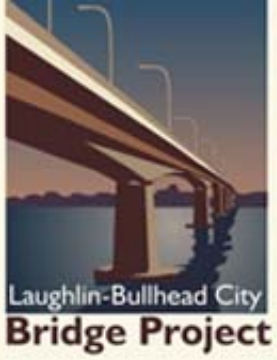


Opportunities for Public Comment

- **Three-minute verbal comment per individual**
- **Five-minute verbal comment per group/ organization**
- **Meet with on-site court reporter**
- **Complete comment form**
- **Send comments to Nevada DOT**

***We must receive your comments by June 13, 2008**





Project Information

www.rtcsonv.com/mpo/Laughlin

