



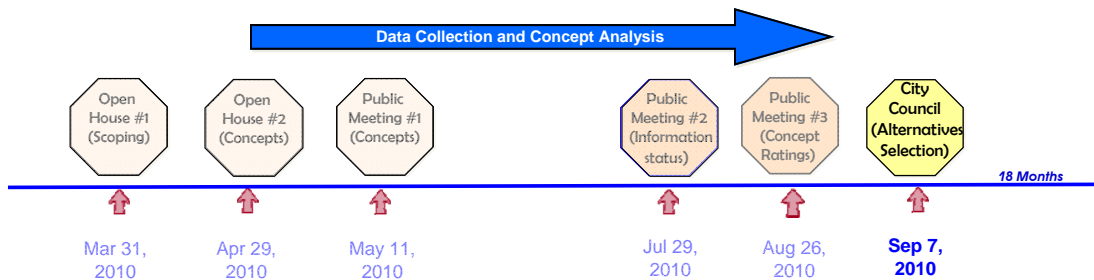
# Healdsburg Avenue Bridge over the Russian River



## City Council Meeting

Healdsburg City Council  
Chambers  
September 7, 2010 6:00 PM

## Healdsburg Avenue Bridge Project Process



This meeting, the sixth public meeting, is for the selection of alternatives to receive further environmental review; including the selection of the "Preferred Alternative"



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



## Healdsburg Avenue Bridge Project Process



- 15 Concepts developed from public input received from two Open Houses
- 12 Concepts Retained Existing Steel Bridge Structure
- Concepts presented in “sketch” format at the May 11, 2010 Public Meeting
  - July 29 additional information was presented
  - August 26 recommended concepts presented



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



## Healdsburg Avenue Bridge Project Process



The vast majority of participants favor historic bridge preservation; and

**Each of the four (4) concepts recommended as Alternatives for further environmental review preserve this historic bridge.**

Many prefer that the historic bridge remain as it is today (Concept 2A).

The **City Of Healdsburg General Plan** has been an important guiding element for this study.

The following excerpts provide the backdrop to the purpose and need element of the study, an integral portion of the final concept ranking:



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



The **General Plan** recognizes that the properties along Healdsburg Avenue south of the river may experience change with the provision of city services (page 2-13);

**Circulation Plan** (page 5-1), Healdsburg Avenue is designated as an Arterial roadway

**Goal T-A** (page 5-4) - *A circulation system that is correlated with existing and proposed land use and provides for the efficient movement of **people, goods, and services** within and through Healdsburg.*

**Policy T-12** (page 5-10) - *Implementation of the Bicycle & Pedestrian Master Plan as opportunities arise. – The Bicycle & Pedestrian Master Plan identifies the bridge across the Russian River to provide Class II bicycle lanes along with pedestrian walkways.*

**Policy T-16** (page 5-10) and **Policy NR-19** (page 7-10)- *Complete gaps in the city's pedestrian and bicycle systems.*

**Policy NR-24** (page 7-10) - *Work closely with the Sonoma County Transit Authority and other transit service providers to develop and maintain public transportation facilities in the community, including park-and-ride lots and the Intermodal Transportation Center.*



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Preferred Alternative

**Concept 4A** – This concept preserves the historic bridge “in-place” rehabilitating as needed and as funding allows for bicycle and pedestrian usage; with a new motor vehicle bridge constructed immediately adjacent to the north.

This concept meets all of the transportation needs of the community, and is consistent with the 2030 General Plan, while preserving the historic bridge as a combination bicycle and pedestrian crossing,

The new motor vehicle bridge would be in scale to the traffic demands now and in the future and will provide for bicycle and pedestrian users should they elect to cross the river along with motor vehicle traffic.

This concept is eligible for Highway Bridge Program funding and potential grant funding as well and would allow the project to be phased with minimum disruption to traffic circulation,



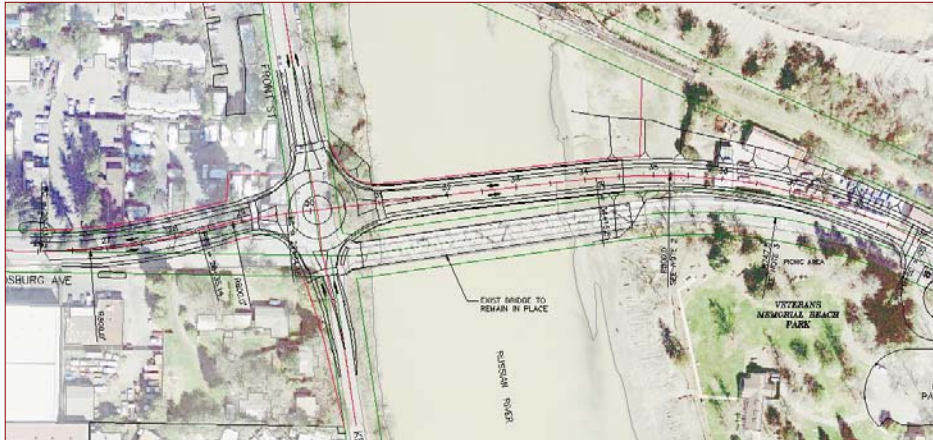
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 4A



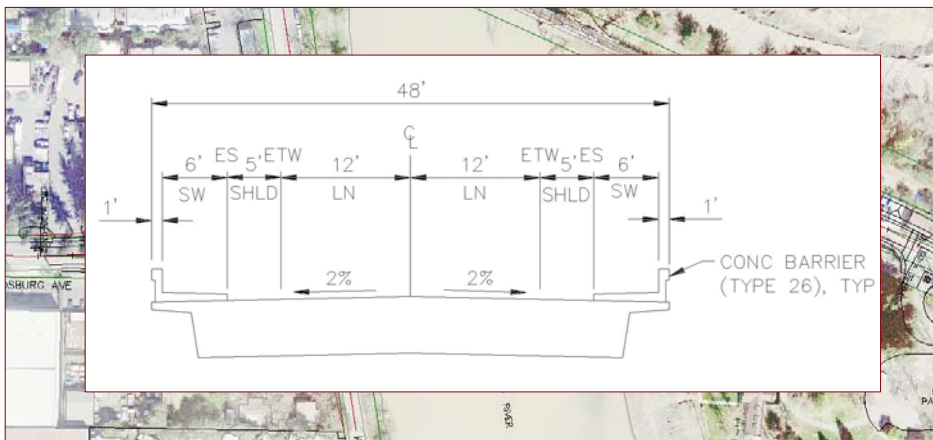
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 4A



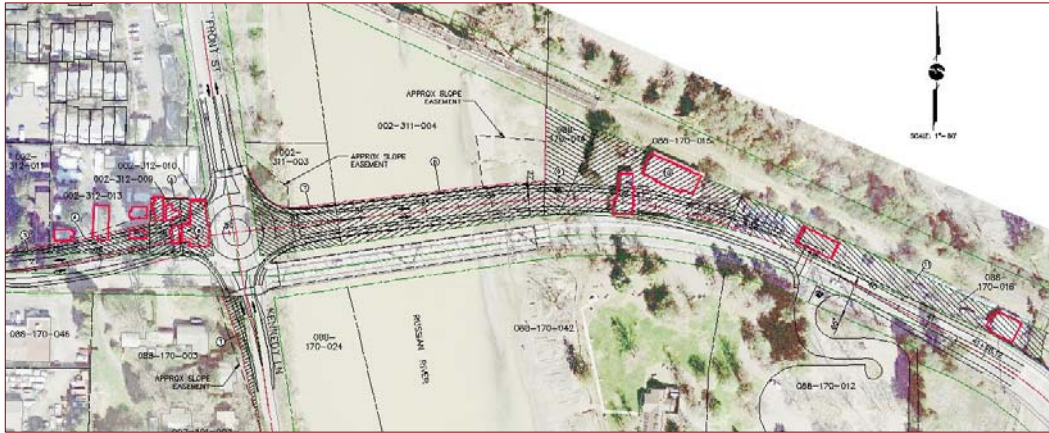
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 4A



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



## Healdsburg Avenue Bridge Project Process



### Additional Alternatives to be carried through the environmental review process:



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



## Healdsburg Avenue Bridge Project Process



**Concept 5B** - This concept preserves the historic bridge, rehabilitating it for bicycle and pedestrian usage and relocating it immediately to the south (downstream) of its current location; with a new motor vehicle bridge constructed on the existing Healdsburg Avenue roadway alignment.

Similar to Concept 4A this concept meets all of the transportation needs of the community, preserving the historic bridge as a combination bicycle and pedestrian crossing, and providing a motor vehicle bridge in scale to the traffic demands now and in the future.

Both the new motor vehicle bridge and the historic bridge rehabilitation would be carried out simultaneously.

This concept is eligible for Highway Bridge Program funding and grant funding as well. We are discussing this Concept with FHWA from a "value engineering" perspective to determine if this option is determined to be fully eligible for Highway Bridge Program funding, it would be the preferred alternative due to lower overall costs, including the local match.



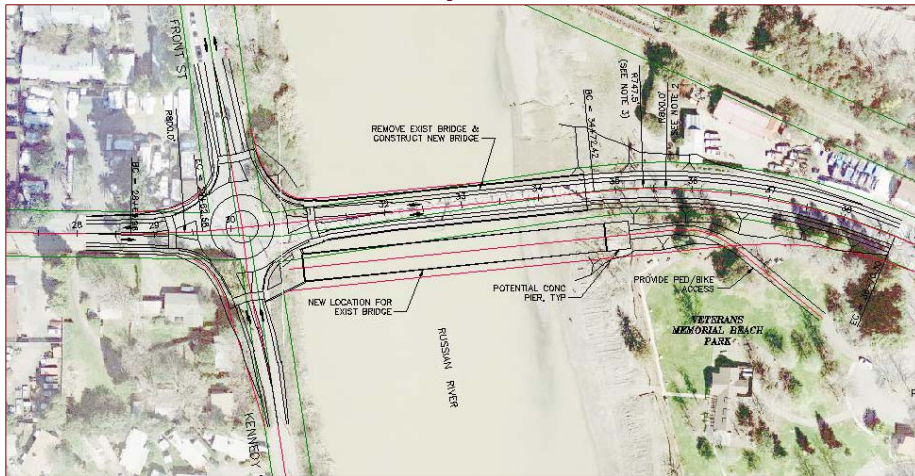
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 5B



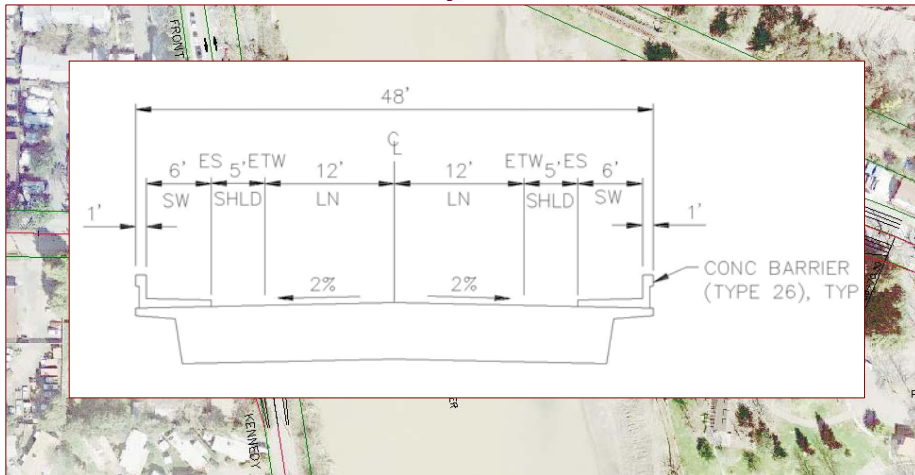
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 5B



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 5B



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



Concept 3B was rated #3



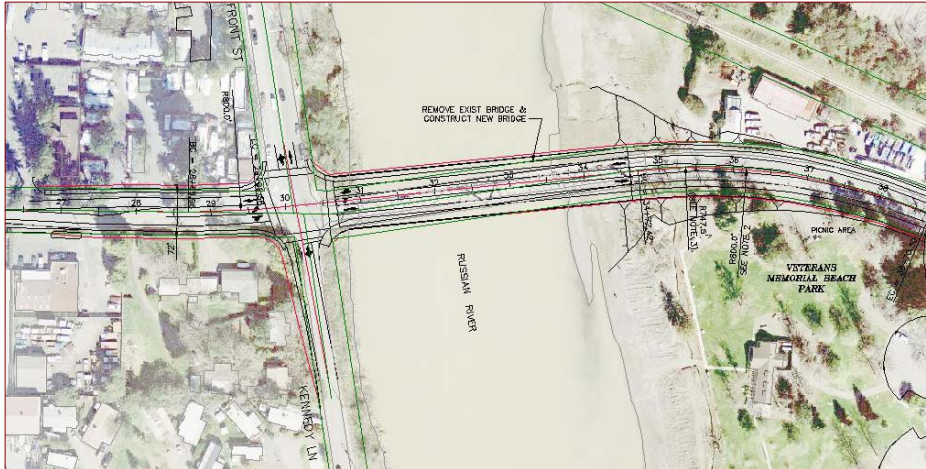
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 3B



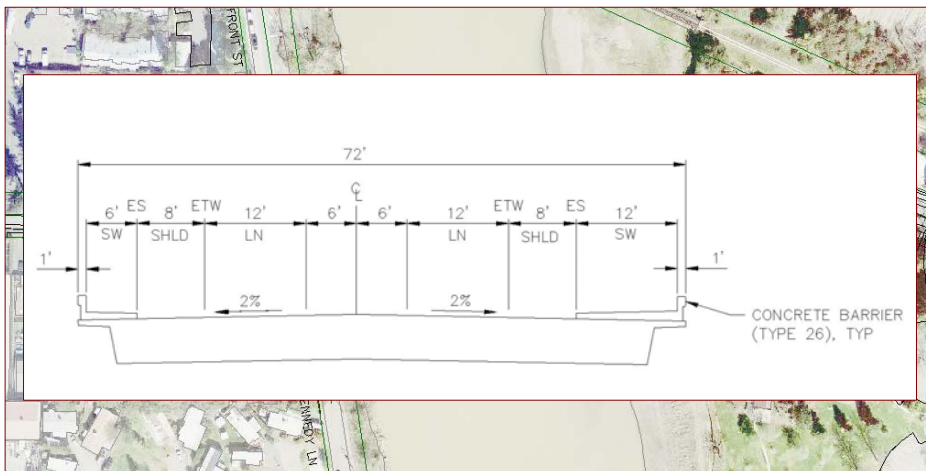
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 3B



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



## Healdsburg Avenue Bridge Project Process



**Concept 3B** was rated #3 slightly higher than Concept 5A, but because Concept 3B is **not consistent with the community's desire to preserve the existing bridge** it is not recommended to be carried further into the environmental process.



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



## Healdsburg Avenue Bridge Project Process



**Concept 5A** - This concept preserves the historic bridge, rehabilitating for bicycle and pedestrian usage and relocating it immediately to the north of its current location; with a new motor vehicle bridge constructed on the existing Healdsburg Avenue roadway alignment.

The new motor vehicle bridge would be placed on the existing roadway alignment and the historic bridge used for bicycle and pedestrian access across the river with direct connection to the Veterans Memorial Beach Park via an undercrossing. The geometric considerations and usage are the same as the preferred alternative (4A).

The motor vehicle bridge is eligible for Highway Bridge Program funding and we are aware of numerous grant funding sources for rehabilitation of the historic bridge as well. Both the new motor vehicle bridge and the historic bridge rehabilitation would be carried out simultaneously.



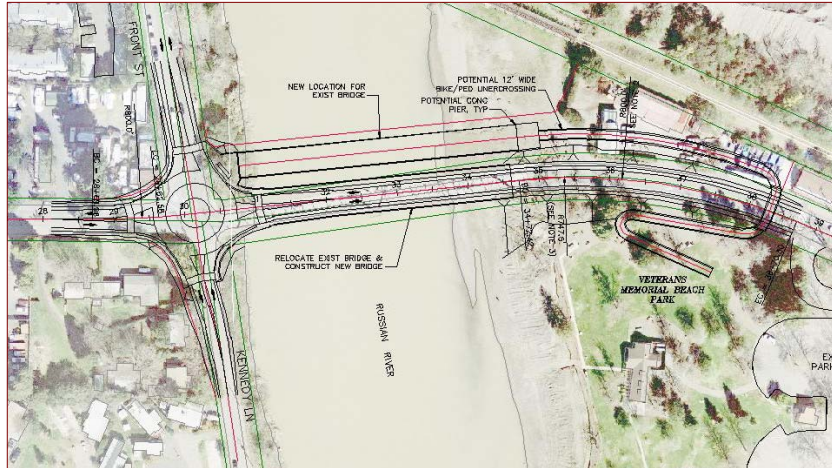
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 5A



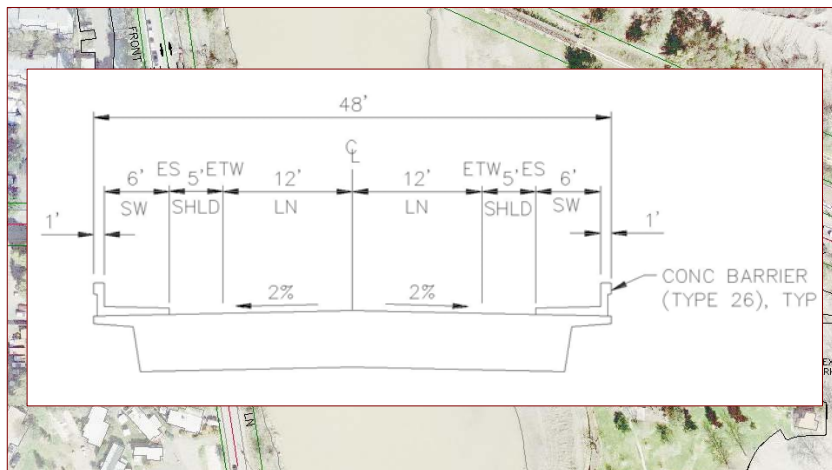
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 5A



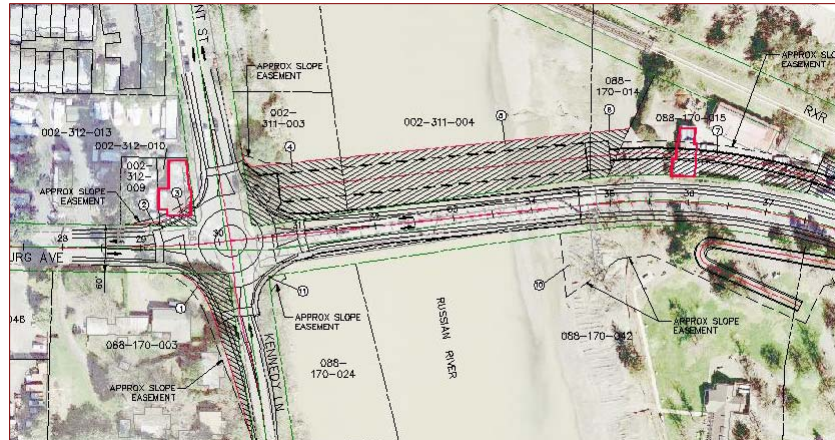
HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



## Concept 5A



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



**Concept 2A** - While not highly ranked, rehabilitation of the existing structure and leaving it “as is” was the primary focus of those who chose to participate in the public involvement portion of the project.

For that reason we recommend that the “rehabilitation” concept be continued into the environmental review process.

This Concept would require that design exceptions be approved by the City if selected as the Project as it:

- Would not meet current design standards, and may therefore potentially expose the city to “tort” liability claims,
- Would likely require a review of the City’s General Plan due to inconsistencies.



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process

## Bridge Aesthetic Considerations



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process

## Bridge Aesthetic Considerations



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety



# Healdsburg Avenue Bridge Project Process



END



HEALDSBURG AVENUE BRIDGE PROJECT - An Investment In Public Safety

