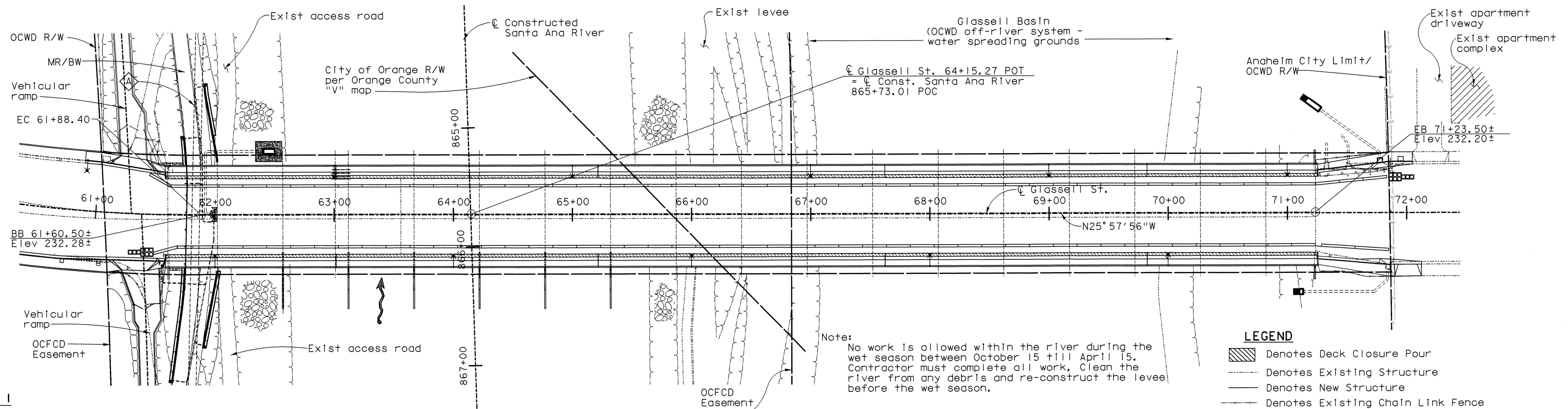


ELEVATION

1" = 40'



PLAN

1" = 40'

STAGE I

A. Vehicular Road/ MR/BW

1. Place k-rails on both side and provide protective fencing attached to the existing guard rail. Accommodate pedestrian access on one side of the bridge and street during the construction
2. Provide detour route for the MR/BW, see "Traffic Handling Plan No. 1"
3. Re-grade the Vehicular Road / MR/BW and construct Retaining Walls.
4. Re-open the MR/BW. The MR/BW could be closed for short periods of time for moving construction equipment, hauling and other operations which could pose a danger to the trial user.

B. Bridge Substructure

1. Construct temporary cofferdam around footings for Piers (as necessary) for substructure construction. Contractor must secure permit from OCWD for excavating in the river and Basin. See specification for details.
2. Demolish existing debris nose.
3. Excavate foundations in the channel and basin and install piles for foundation.
4. Construct pile cap.
5. Construct pier walls and debris wall. follow similar process on the south side.
6. Provide temporary lateral support for pier walls.

C. Bridge Superstructure

1. Form the superstructure.
2. Construct girders and place diaphragms except those intermediate diaphragms under the closure pour.
3. Place deck rebars and place concrete deck.
4. Remove shoring and all the form works from the river.
5. Reconstruct the channel embankment.

STAGE 2

A. Vehicular Ramp/Street

1. After re-opening MR/BW, reconstruct both Vehicular Ramp and sidewalks.

B. Superstructure, Bridge

1. Place sidewalk and rails
2. Place closure pour and intermediate diaphragms underneath.

C. Street Improvement

1. Perform street work Improvement. Work on both ends of the bridge
2. Perform street delineation work.

D. Demobilization

1. Remove K-rails and other debris
2. Demobilize.

LEGEND

- Denotes Deck Closure Pour
- Denotes Existing Structure
- Denotes New Structure
- Denotes Existing Chain Link Fence
- Denotes Existing Metal Beam Guard railing
- Denotes High Water Elevation
- Denotes Direction of Flow
- Denotes Bridge Lighting

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ORANGE COUNTY RESOURCES AND DEVELOPMENT MANAGEMENT DEPARTMENT		GLASSELL STREET BRIDGE WIDENING OVER SANTA ANA RIVER	
STAGE CONSTRUCTION DETAILS NO. 1			
MARK	DATE	DESCRIPTION	
REVISIONS			
PREPARED UNDER RESPONSIBLE CHARGE OF:			
DESIGNED: X. WU	DRAWN: G. BUELOW		CHECKED: S. SHARIFAN
SCALE: AS SHOWN	DATE: 7/19/02	DRAWING NO.	
SHEET			37R
OF 70			

Date Plotted: 07/25/2005

File Name: t:\cad\010-14\glassell\gl_sc1.dgn

Border sheet last modified 08-Nov-1999