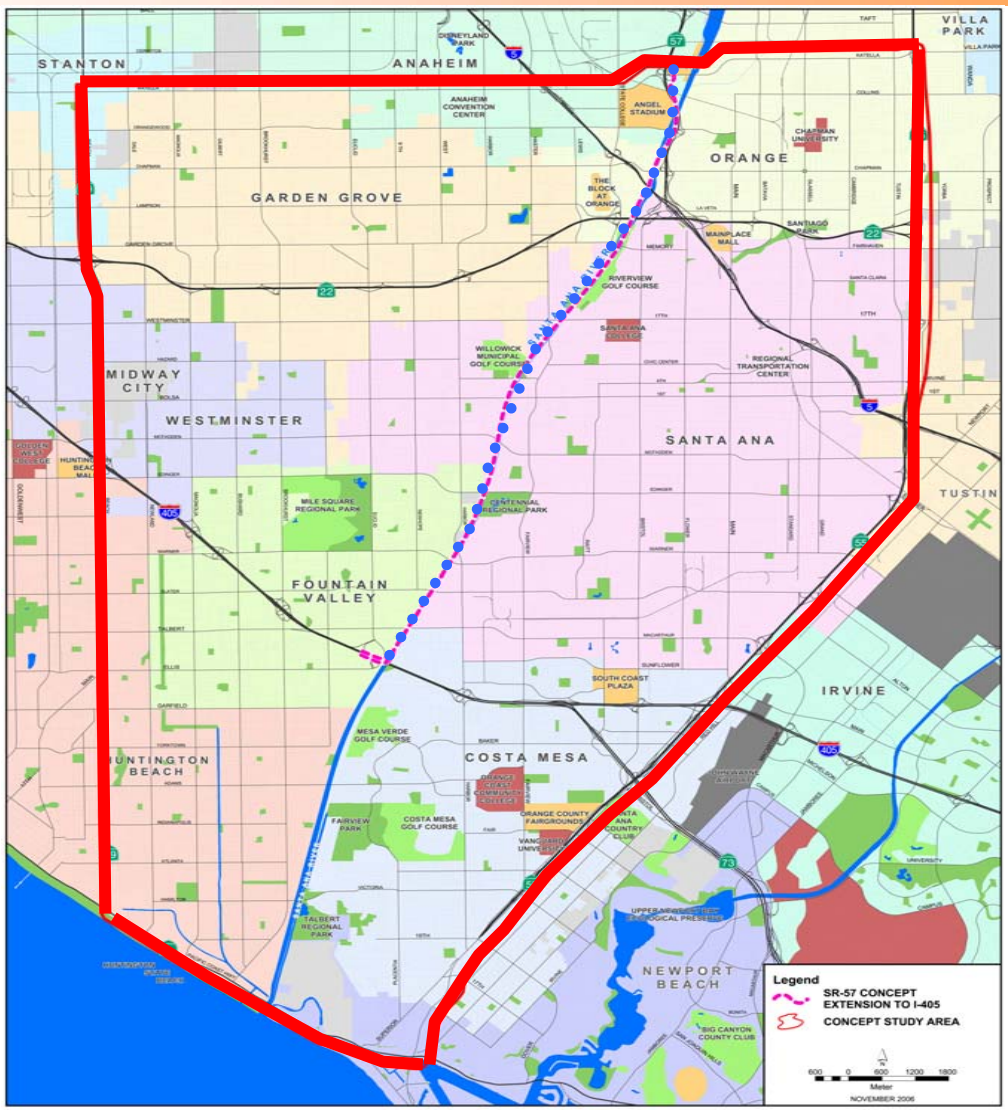
Central County Corridor Major Investment Study Status Report

Board of Directors Meeting

October 22, 2007

Study Area


STANTON
ANAHEIM
VILLA PARK
ORANGE
GARDEN GROVE
MIDWAY CITY
WESTMINSTER
SANTA ANA
TUSTIN
FOUNTAIN VALLEY
IRVINE
COSTA MESA
HUNTINGTON BEACH
NEWPORT BEACH
Legend
SR-57 CONCEPT EXTENSION TO I-405
CONCEPT STUDY AREA
NOVEMBER 2006

Background

- Central Orange County (OC) is in need of more north/south alternatives
- Central County Corridor Study (CCCS) Phase 1 - approved on April 2005
- Identified five conceptual alternatives:
  - Improve system efficiency
  - Moderately expand system
  - Significantly expand SR-55
  - Extend SR-57 via Santa Ana River from SR-22/I-5 to the I-405
  - Plan for Post-2030 Growth (combination of the above)

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Board Direction

- Ascertain physical feasibility of extending SR-57 in consultation with:
  - Army Corp of Engineers
  - OC Flood Control District
  - Caltrans
  - FHWA

Purpose of Study

- Develop concept alignment with typical sections, plans, profiles, and order-of-magnitude cost estimates

- Complete a hydrology/hydraulics analysis to determine initial feasibility of concept

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Concept Description

- 8.2-mile, 4-lane limited access facility built on structure in Santa Ana River channel
- Limits between SR-57 and I-405 with proposed interchanges at:
  - Memory Lane
  - First Street
  - Harbor Blvd./Warner Ave.

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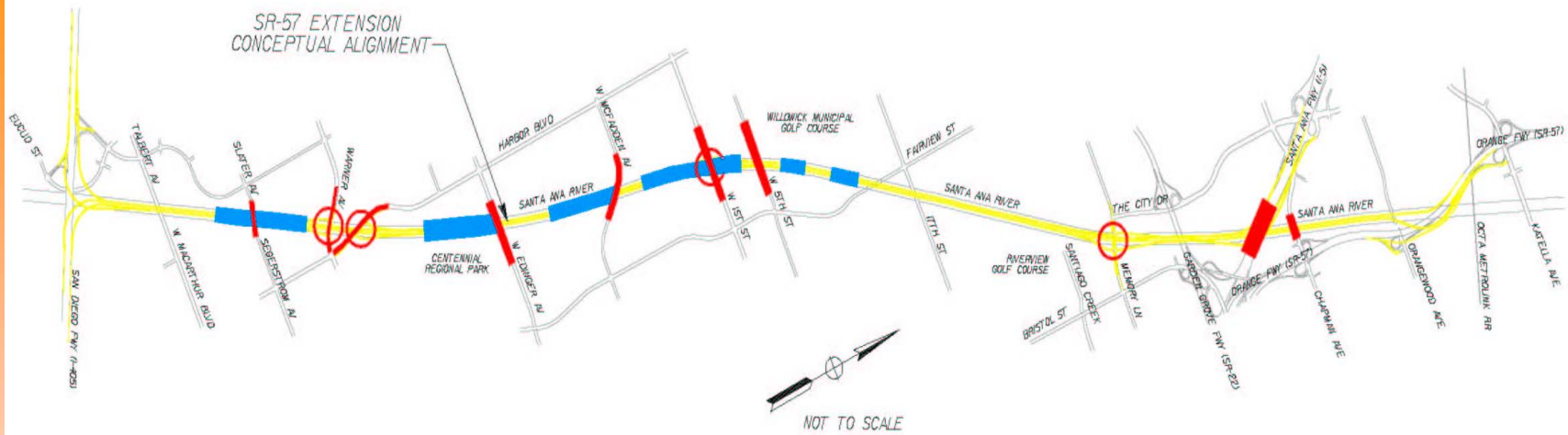
SR-57 Extension Conceptual Improvements



SUMMARY OF KEY FINDINGS OF CONCEPT STUDY

- SR-57 extension considered to be physically feasible
- 30% (2.5 miles) of existing levee needs to be raised approximately 3.5 feet
- Nine bridges require reconstruction
- Order of magnitude cost = $2 Billion (2006)

LEGEND

- BRIDGE RECONSTRUCTION
- LEVEE RECONSTRUCTION
- CONCEPTUAL ALIGNMENT
- PROPOSED INTERCHANGES

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Areas of Further Study

- Environmental considerations
- Construction activity and duration
- Funding
- Existing utility relocations
- Operations and geometrics, interchange layouts
- Local drainage facilities
- Improvements to local bridges and arterials

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Regional Planning and Highway Committee Recommendations

- Return with the Evaluation Criteria and Request for Proposals to conduct the CCCMIS for Board consideration

- Develop a better title for the SR-57 extension concept

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