REQUEST TO CPUC STAFF FOR AUTHORIZATION TO ALTER HIGHWAY-RAIL CROSSING PURSUANT TO GENERAL ORDER 88-B



1. Date Submitted: September 9, 2010

2. Applicant Info

Organization Name:	California Department of Transportation
Contact Person:	Denny Fong, P.E.
Title:	Senior Transportation Engineer
Street Address:	1120 N Street, MS-37
City:	Sacramento, CA
Zip:	95814
Phone:	(916) 654-3070
Email:	Denny_fong@dot.ca.gov

3. Crossing proposed to be altered

or o						
PUC Crossing Number:	001BM-513.40-A					
U.S. DOT Crossing Number:	761634W					
Street Name:	Orange FWY (SR 57) OH, known as Douglass OH					
City:	Anaheim					
County:	Orange					
Railroad Responsible for	Union Decific Deilmond					
Crossing:	Union Pacific Railroad					
Other Railroads Operating	N/A					
on Tracks:						

4. Describe Proposed Alterations (including any temporary reduced clearance variance requests):

The California Department of Transportation, in cooperation with the Orange County Transportation Authority (OCTA), proposes to widen the northbound State Route (SR) 57, between 0.31 miles south of Katella Avenue and 0.31 miles north of Lincoln Avenue within the city of Anaheim in Orange County, California. Douglass Overhead (OH) is within the project limits and will be widened approximately 20'6" to accommodate the widening of the SR 57. Douglass OH crosses over the single track mainline of the Union Pacific Railroad (UPRR) and Cerritos Avenue.

A CPUC G.O. 26-D variance is required for this location for the temporary construction vertical clearance of 21'0" in order to construct temporary falsework.

Request for Authorization to Alter Highway-Rail Crossing Pursuant to Commission General Order 88-B Page 1 of 4 Rev: 1-7-08

Permanent vertical clearance is 23'0", which is in compliance with CPUC G.O. 26-D requirements.

UPRR is in agreement with the temporary horizontal and vertical clearances.

OCTA/Metrolink, Stadium (SR 57) OH, CPUC 1010R-170.80-A, US DOT 026976W, is within the project limits but there will be no involvement.

5. Describe the public benefits to be achieved by the proposed alterations:

The project is needed to relieve congestion. Existing northbound daily traffic conditions experience substantial congestion in the peak hour period and is forecasted to get worse. Projected northbound daily traffic volumes within the project limits for the design year of 2035 are expected to increase by more than 25 percent with the peak hour volumes expected to increase by nearly 75 percent. This project will reduce corridor delay, thereby providing a substantial benefit to the corridor and regional traffic circulation.

6. Explain why a separation of grades is not practicable:

N/A – This is an existing grade separated crossing.

7. Describe crossing warning devices

	8	
Current:	N/A – this is an existing grade separation	
Proposed:	N/A – the crossing is to remain grade separated	

8. Temporary Traffic Controls - Include a statement of temporary traffic controls to be provided during construction:

The temporary traffic controls shall be in accordance with the California Manual of Uniform Traffic Control Devices. UPRR will provide flagging for rail traffic during construction.

9. Signature

I, Denny Fong, P.E., am an employee of the State of California, Department of Transportation and authorized to sign this GO 88-B authorization request letter on its behalf.

Denny Fong, P.E.

Senior Transportation Engineer

Signature and date

Request for Authorization to Alter Highway-Rail Crossing Pursuant to Commission General Order 88-B Page 2 of 4

Attachments:

- Exhibit A Vicinity Map and Title Sheet
 Exhibit B Structure General Plan
- 3. Exhibit C Negative Declaration

Request for Authorization to Alter Highway-Rail Crossing Pursuant to Commission General Order 88-B Page 3 of 4

Rev: 1-7-08

10. Evidence of Agreement:

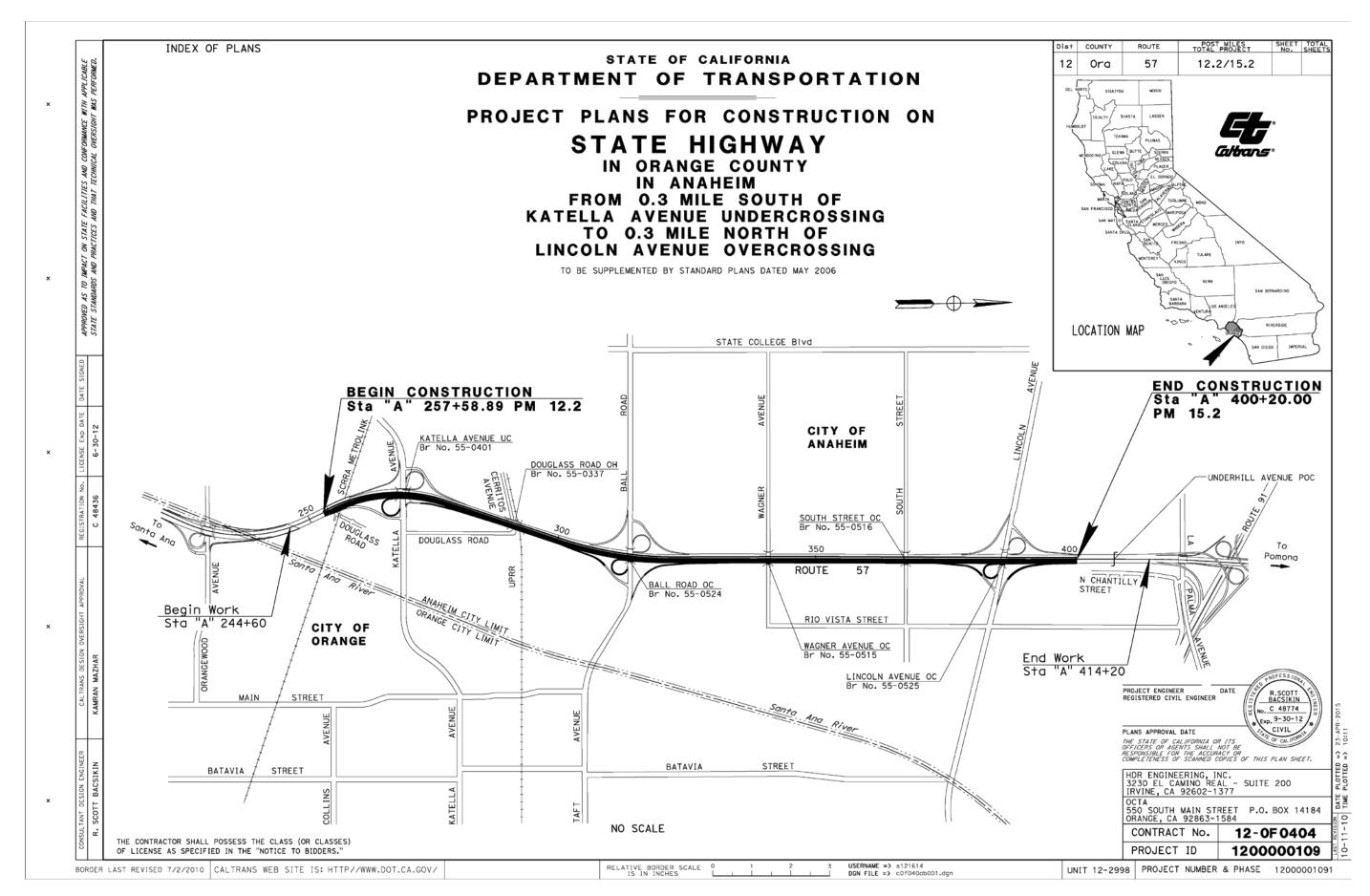
I, Freddy Cheung, P.E., am an employee of Union Pacific Railroad Company and authorized to sign this letter of agreement on its behalf, hereby declare that Union Pacific Railroad Company concurs with the proposed project described above as the SR 57 northbound widening project between Katella Avenue and Lincoln Avenue in Orange County, CA.

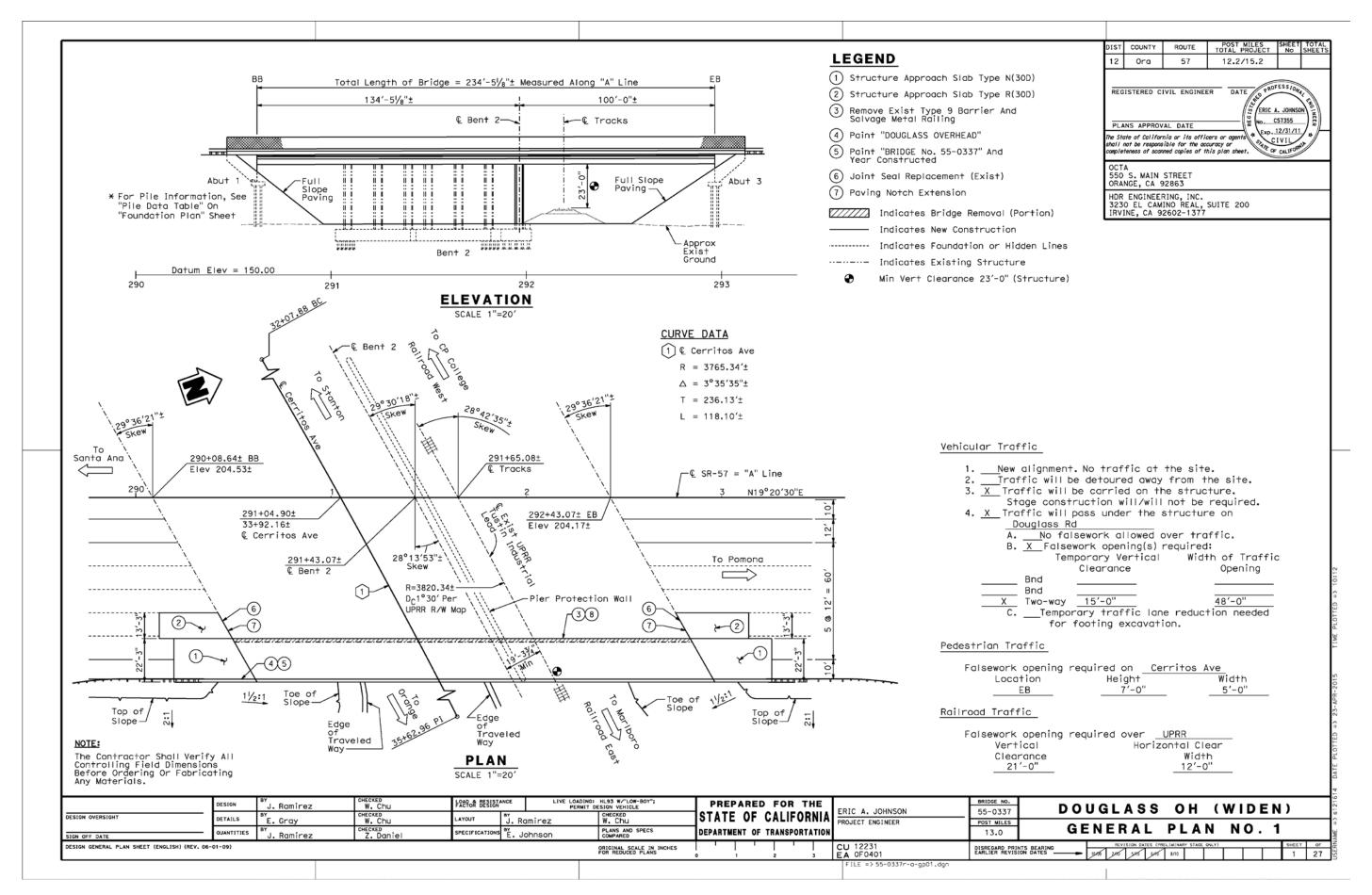
Freddy Cheung, P.E.

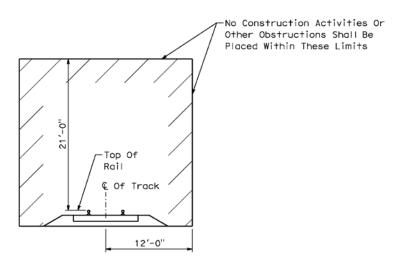
Signature and date

2015 South Willow Avenue Bloomington, CA 92316

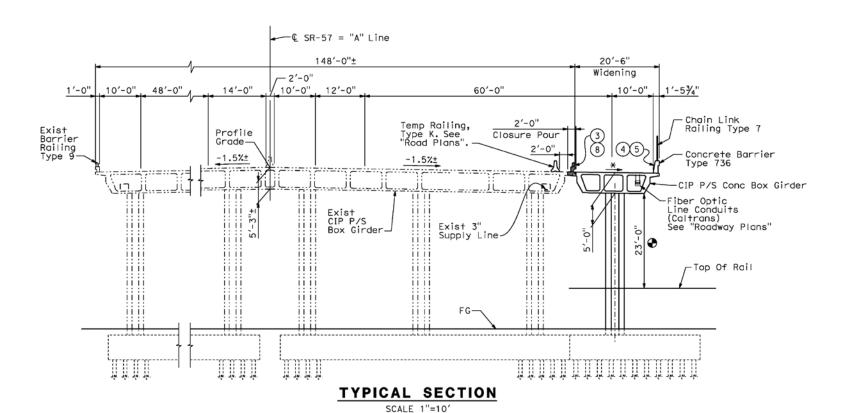
Address







MINIMUM CONSTRUCTION CLEARANCE ENVELOPE



LEGEND

- 3 Remove Exist Type 9 Barrier And Salvage Metal Railing
- 4 Paint "DOUGLASS OVERHEAD"
- 5 Paint "BRIDGE No. 55-0337" And Year Constructed

Indicates Bridge Removal (Portion) Indicates New Construction

----- Indicates Foundation or Hidden Lines ··-··- Indicates Existing Structure

Min Vert Clearance 23'-0" (Structure)

Γ	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
	0ra	57	12.2/15.2		

.____C57355

Exp. 12/31/11

CIVIL

STATE OF CALIFOR

REGISTERED CIVIL ENGINEER DATE PROFESSION ERIC A. JOHNSON

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

OCTA 550 S. MAIN STREET ORANGE, CA 92863

DIST 12

HDR ENGINEERING, INC. 3230 EL CAMINO REAL, SUITE 200 IRVINE, CA 92602-1377

FINAL PAY QUANTITIES

STRUCTURE EXCAVATION (BRIDGE) STRUCTURE BACKFILL (BRIDGE)	239 148	CY
STRUCTURAL CONCRETE, BRIDGE FOOTING STRUCTURAL CONCRETE, BRIDGE	70 394	CY CY
STRUCTURAL CONCRETE, APPROACH SLAB N(TYPE 30D) STRUCTURAL CONCRETE, APPROACH SLAB R(TYPE 30D)	46 33	CY
PAVING NOTCH EXTENSION	33 1	CY CY
BAR REINFORCING STEEL (BRIDGE)	118,458	LB
SLOPE PAVING (CONCRETE) CONCRETE BARRIER (TYPE 736)	195	ĊŸ
CHAIN LINK RAILING (TYPE 7)	267	LF

APPROXIMATE QUANTITIES

TEMPORARY RAILING (TYPE K)	520	LF
SALVAGE METAL BRIDGE RAILING	267	LF
REMOVE CONCRETE (WINGWALL)	4	CY
BRIDGE REMOVAL (PORTION),	LUMP	SUM
FURNISH STEEL PILING (HP'10 X 42)	564	LF
DRIVE STEEL PILE (HP 10 X 42)	11	EΑ
FURNISH PILING (CLASS 90)	1,212	LF EA
DRIVE PILE (CLASS 90)	33	EΑ
PRESTRESSING STEEL	23,617	LB
DRILL AND BOND DOWEL	47	LF
JOINT SEAL (MR 2")	82	LF SF
SHORING	2,760	SF
WELDED STEEL PIPE CASING	79	LF

The Contractor Shall Verify All Controlling Field Dimensions Before Ordering Or Fabricating Any Materials.

	DESIGN	J. Ramirez	W. Chu	FACTOR RESIST	ANCE		HL93 W/"LOW-BOY"; SIGN VEHICLE	P	REP				THE	ERIC A. JOHN
DESIGN OVERSIGHT	DETAILS	BY	CHECKED	LAYOUT	BY		CHECKED	18T/	ΔTF	0F	CA	LIFO	RNIA	PROJECT ENGINE
	DETAILS	E. Gray	W. Chu	LATOUT	J. Ro	ımirez	W. Chu	1~''		٧.	VA	•	IIIIII	PROJECT ENGINE
SIGN OFF DATE	QUANTITIES	J. Ramirez	Z. Daniel	SPECIFICATIONS	Ĕ. J	ohnson	PLANS AND SPECS COMPARED	DEPA	RTME	IT OF	TRA	NSPOR	RTATION	
DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 06-	-01-09)						ORIGINAL SCALE IN INCHES	\Box	\neg		\neg		\neg	CU 12231
							FOR REDUCED PLANS	0	1		2		3	EA 0F0401

* Match Existing

IA E	ERIC A. JOHNSON	55-0337	DO	UGLASS	ОН	()	WIDE	ΞN)	
IION	PROJECT ENGINEER	13.0	GE	NERAL	PLA	N	NO.	2		
	CU 12231 EA 0F0401	DISREGARD PRI EARLIER REVIS	NTS BEARING	REVISION DATES (PF 1005 240 540 540	8/10 STAGE	ONLY)		\exists	SHEET 2	of 27

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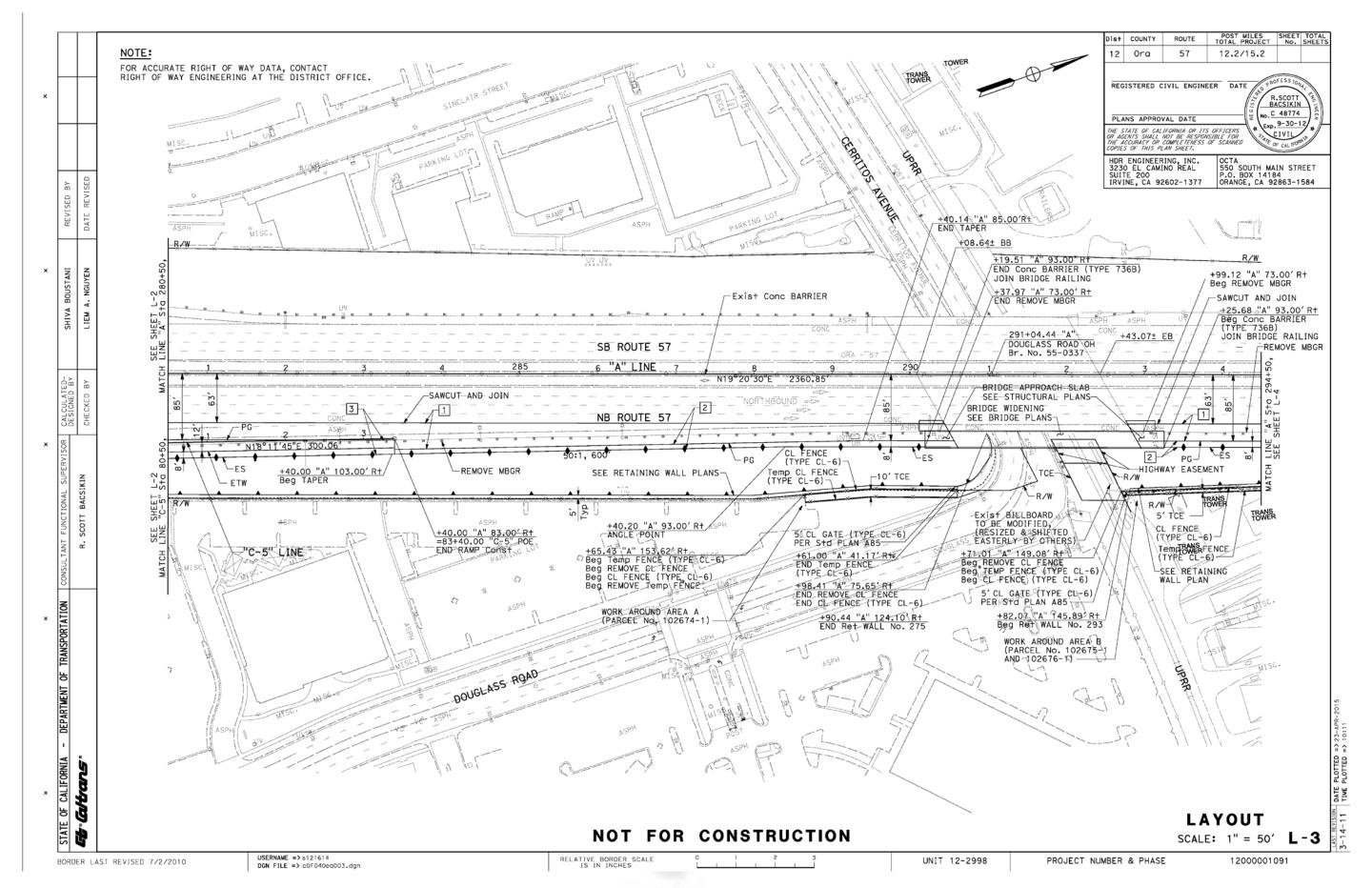
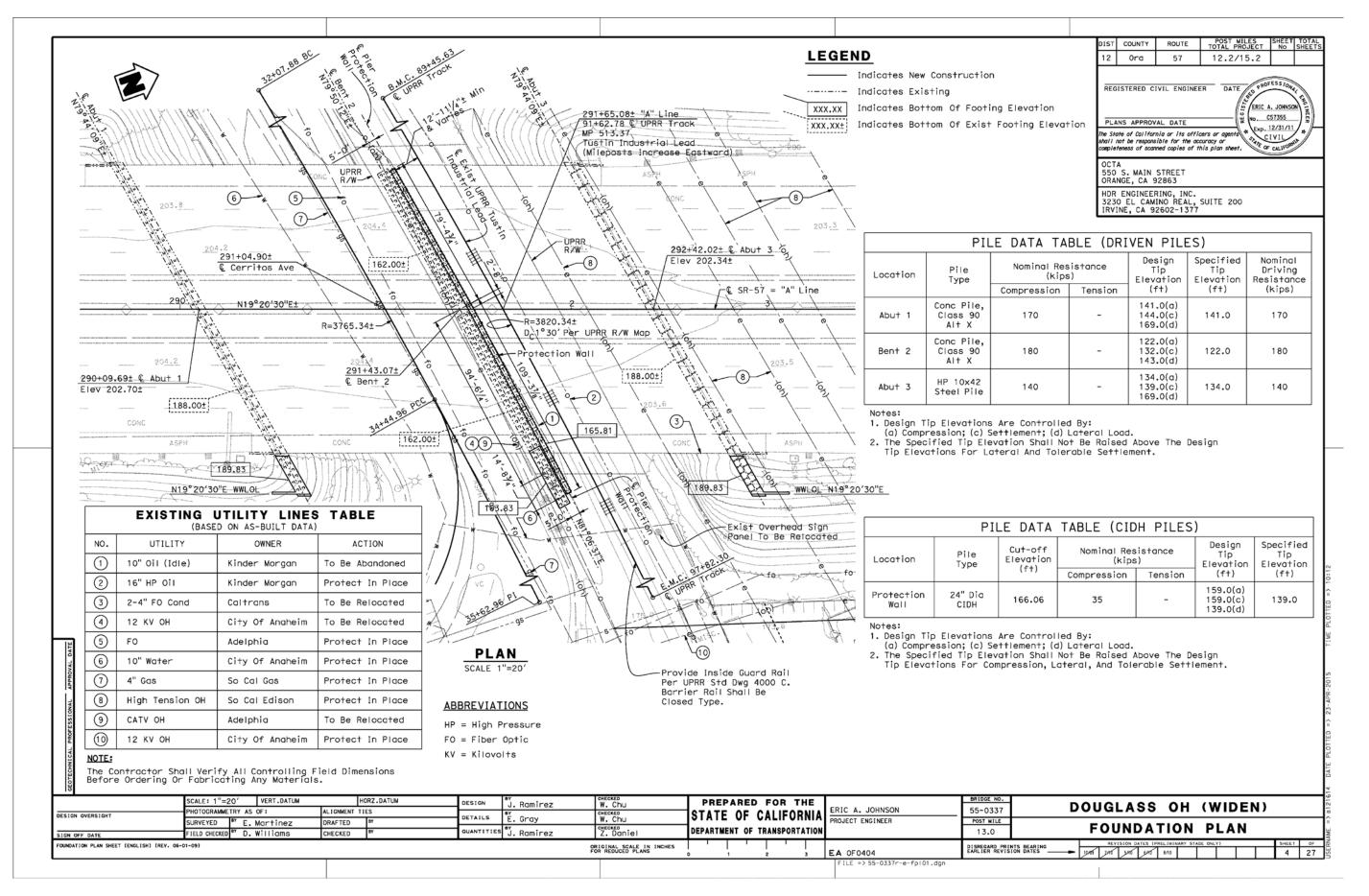
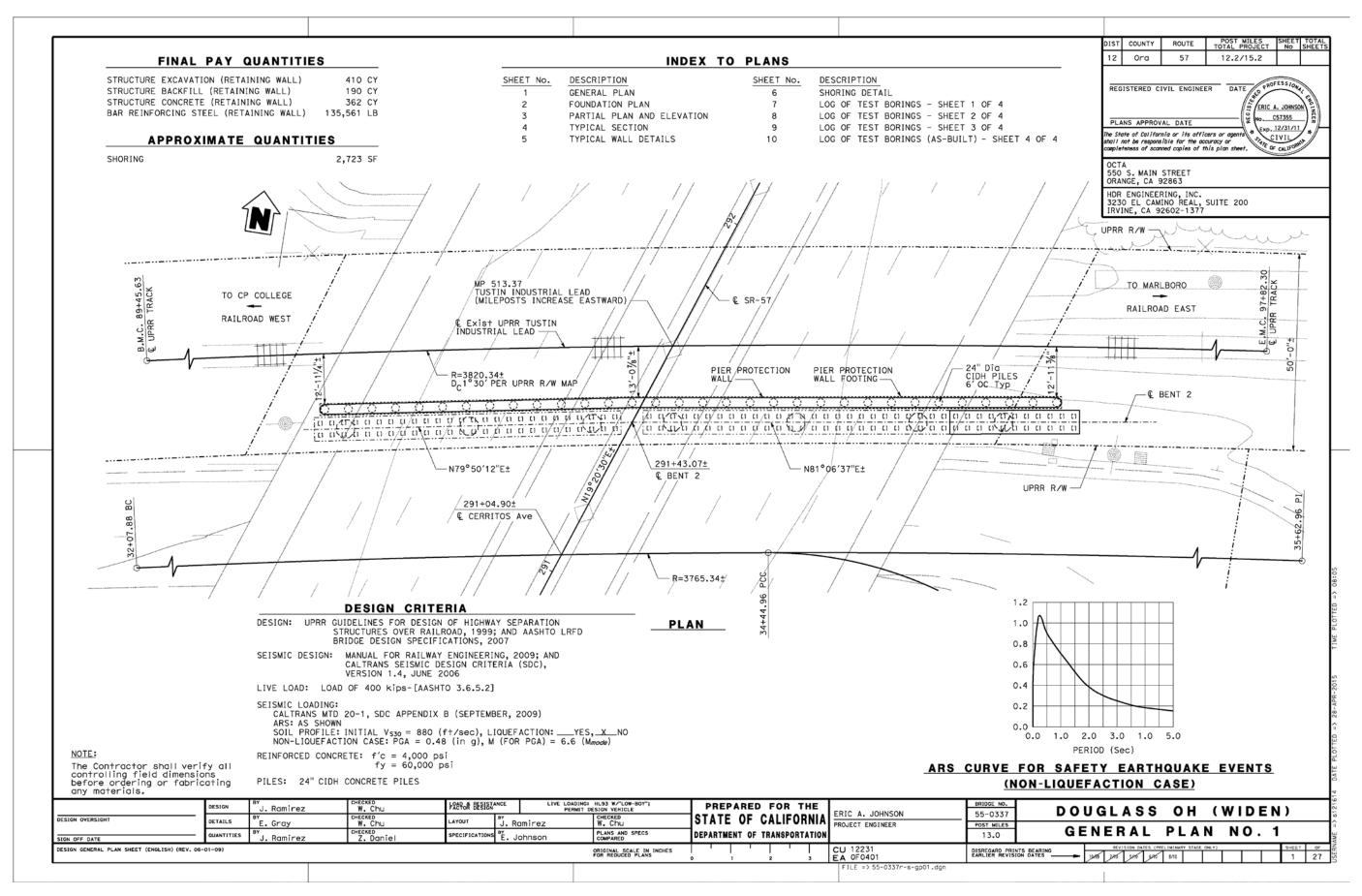


EXHIBIT B





12-ORA-57-PM 12.2/15.2 EA No.: 0F0400 SCH No. 2009031085

State Route 57 (SR-57), widen the northbound side between 0.31 mile south of Katella Avenue to 0.31 mile north of Lincoln Avenue (Post Mile [PM] 12.2 to PM 15.2) within the City of Anaheim in Orange County, California.

INITIAL STUDY WITH NEGATIVE DECLARATION Submitted Pursuant to: Division 13, California Public Resources Code

THE STATE OF CALIFORNIA Department of Transportation

NW 24, 2009 Date of Approval

CINDY QUON

District Director, District 12 California Department of Transportation

NEGATIVE DECLARATION

SCH No. 2009031085

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

12-ORA-57-PM 12.2/15.2 EA No.: 0F0400

NEGATIVE DECLARATION

Pursuant to: Division 13, Public Resources Code

Description

The California Department of Transportation District 12 (the Department), in cooperation with the Orange County Transportation Authority (OCTA), proposes to widen northbound State Route 57 (SR-57) between Katella Avenue and Lincoln Avenue within the City of Anaheim in Orange County, California. This project would reduce traffic congestion and maximize mainline mobility.

Determination

An Initial Study and Supplemental Initial Study have been prepared by the Department, District 12. On the basis of these studies it is determined that the proposed action will not have a significant effect upon the environment for the following reasons:

The Proposed Project would have no effect on: Farmland/Timberlands, Relocations, Floodplains, Paleontological Resources, Natural Communities, Plant Species, Threatened and Endangered Species, and Invasive Species.

In addition, the Proposed Project would have no significant effect on: Land Use, Growth, Community Character and Cohesion, Environmental Justice, Utilities/Emergency Services, Traffic/Transportation/Pedestrian and Bicycle Facilities, Visual/Aesthetics, Cultural Resources, Water Quality and Storm Water Runoff, Geology/Soils/Seismicity/Topography, Hazardous Waste/Materials, Air Quality, Noise, Wetlands and Other Waters, and Animal Species.

Cindy Quon

District Director

District 12

California Department of Transportation