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



1. Date Submitted: March 6, 2015

2. Applicant Info

Organization Name:	Orange County Transportation Authority (OCTA)
Contact Person:	Jennifer Bergener
Title:	Director, Rail Programs and Facilities Engineering
Street Address:	600 S. Main Street
City:	Orange
Zip:	92868
Phone:	(714) 560-5462
Email:	jbergener@octa.net

3. Crossing proposed to be altered

Crossing proposed to be aftered			
PUC Crossing Number:	101OL – 1.10		
U.S. DOT Crossing Number:	027005M		
Street Name:	East La Palma Avenue		
City:	Anaheim		
County:	Orange County		
Average Daily Vehicle Traffic	11,426		
(ADT) on roadway crossing			
tracks			
Year ADT count taken (should be	10/21/2011		
within last 5 years))		
Railroad Responsible for	for SCRRA		
Crossing:			
Other Railroads Operating on	BNSF		
Tracks:			
Average Daily Train Traffic and			
speed from all operating railroads	Train Volume	Maximum Train Speed	
Passenger	16	40	
Freight	3	40	
Transit	N/A		

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

- Construct new 2nd main line track west of the existing main line track at 19 feet track centers.
- Relocate existing No. 9 flashers with gate at the southwest quadrant and No. 9A cantilever and flashers with gate at the west center median.

- Relocate existing No. 9 pedestrian gates and swing gates at both sidewalks on the west side of the track
- Install W48 (CA) "2 TRACKS" at the existing W10-1 signs on the east side of the main line for the west bound traffic.
- Install W10-1 & W48 (CA) "2 TRACKS" at the existing W10-9 signs on the west side of the main line track for the east bound traffic.
- Install R15-2 "2 TRACKS" at existing railroad warning devices

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

The Anaheim Canyon Station is the only Metrolink commuter rail station on the Inland Empire-Orange County Line in the City of Anaheim. The installation of additional main line track through the station is to meet the current transit demand needs and to provide for growth requirements through 2035 and beyond. In addition, the proposed 2nd track will allow more than one train to serve the station and/or pass through the station area at a time. The East La Palma crossing is located immediate north of the station.

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

East La Palma Avenue is located in a constrained urban setting. Grade separation could require significant displacement of industrial and commercial land uses in the immediate vicinity of the crossing.

7. Describe crossing warning devices

Current:	2- No. 9A Cantilever Signals with Gate	
	2 – No. 9 Flashers with Gate	
	4 – No. 9 Pedestrian Flashers with Gate	
	4 – Emergency Swing Gate	
Proposed:	2- No. 9A Cantilever Signals with Gate	
	2 – No. 9 Flashers with Gate	
	4 – No. 9 Pedestrian Flashers with Gate	
	4 – Emergency Swing Gate	

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

The required temporary traffic control devices during the period of construction shall be in compliance with the California Manual on Uniform Traffic Control Devices (MUTCD) and City of Anaheim standards.

9. CEQA (Applicable only to grade-separation projects). If the project involves grade separation of an existing at grade crossing, then either a copy of the Notice of

Public Resources Code Section 21080.13 must be provided.
Not required.
10. Signature
I, Jennifer Bergener, am an employee of Orange County Transportation Authority and authorized to sign this GO 88-B authorization request letter on its behalf.

Signature and date

Jennifer Bergener

Exemption from CEQA or other factual evidence that the project is exempt from

I, Patricia Watkins, am an employee of Southern California Regional Rail Authority (SCRRA) and authorized to sign this letter of agreement on its behalf, hereby declare that SCRRA concurs with the proposed project described above.

Patricia Watkins Director, Standards & Design Signature and Date

279 E. Arrow Highway, Suite 101 San Dimas, CA 91773

I, Rudy Emami, am an employee of City of Anaheim and authorized to sign this letter of agreement on its behalf, hereby declare that City of Anaheim concurs with the proposed project described above.

Rudy Emami, PE Acting City Engineer Signature and Date

City of Anaheim Public Works Department 200 S. Anaheim Blvd Anaheim, CA 92805

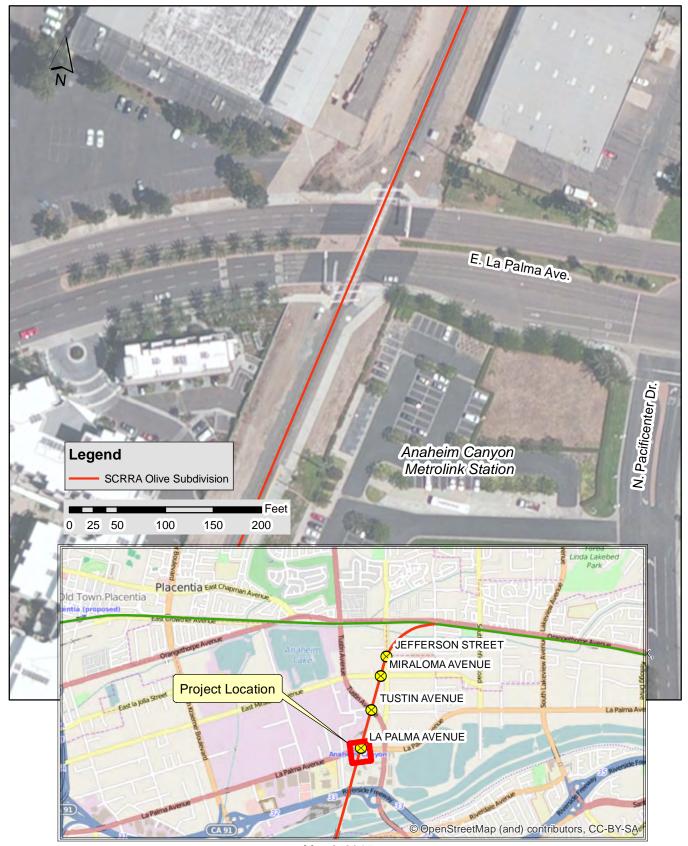
Attachments:

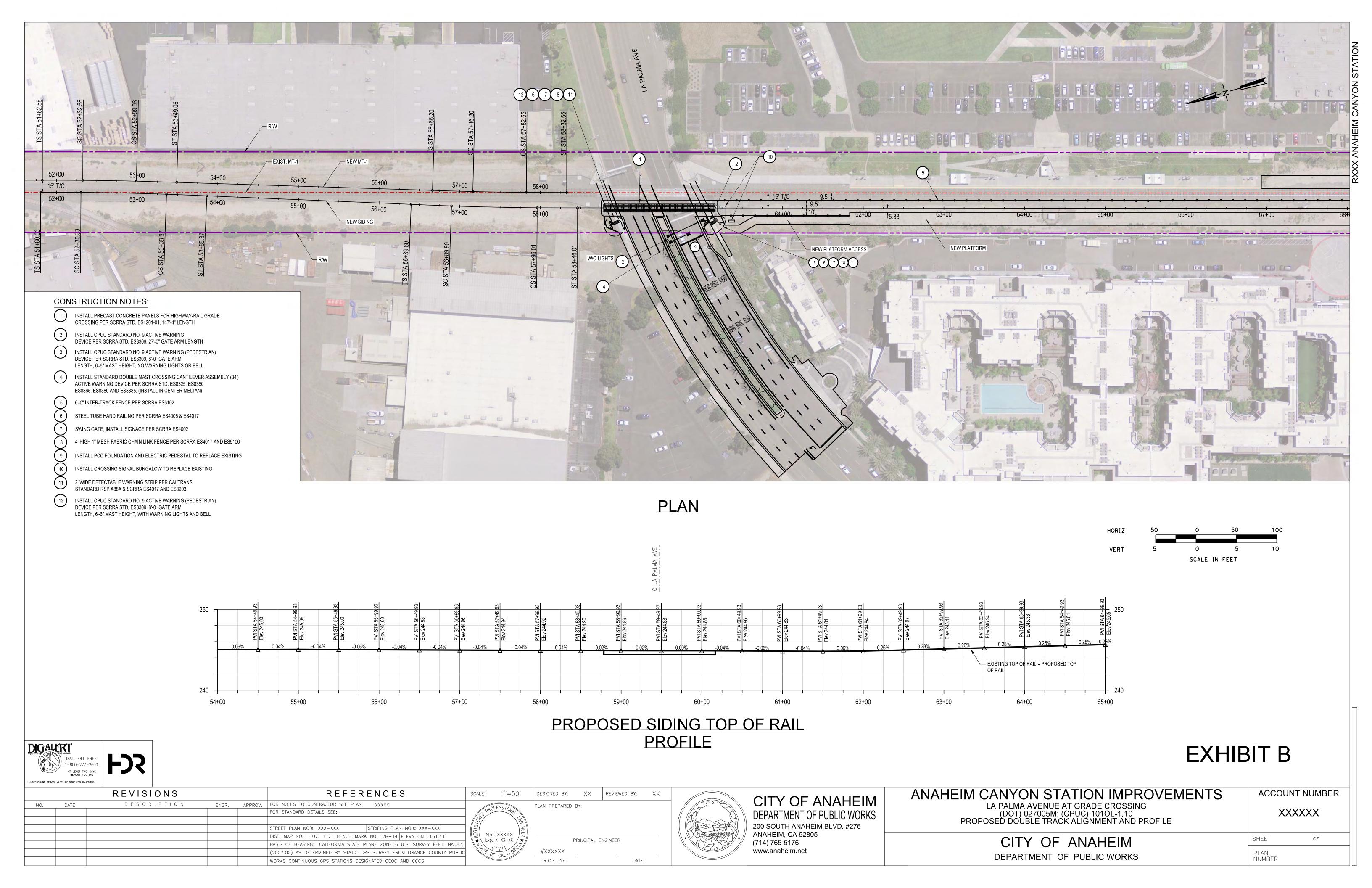
- 1. Exhibit 'A' Vicinity Map
- 2. Exhibit 'B' Proposed Double Track Alignment & Profile Plan
- 3. Exhibit 'C' Proposed Signage, Striping & Crossing Improvement Plan
- 4. Exhibit 'D' Proposed Roadway Profile Plan
- 5. Exhibit 'E' Proposed Pedestrian Crossing Improvement Plan

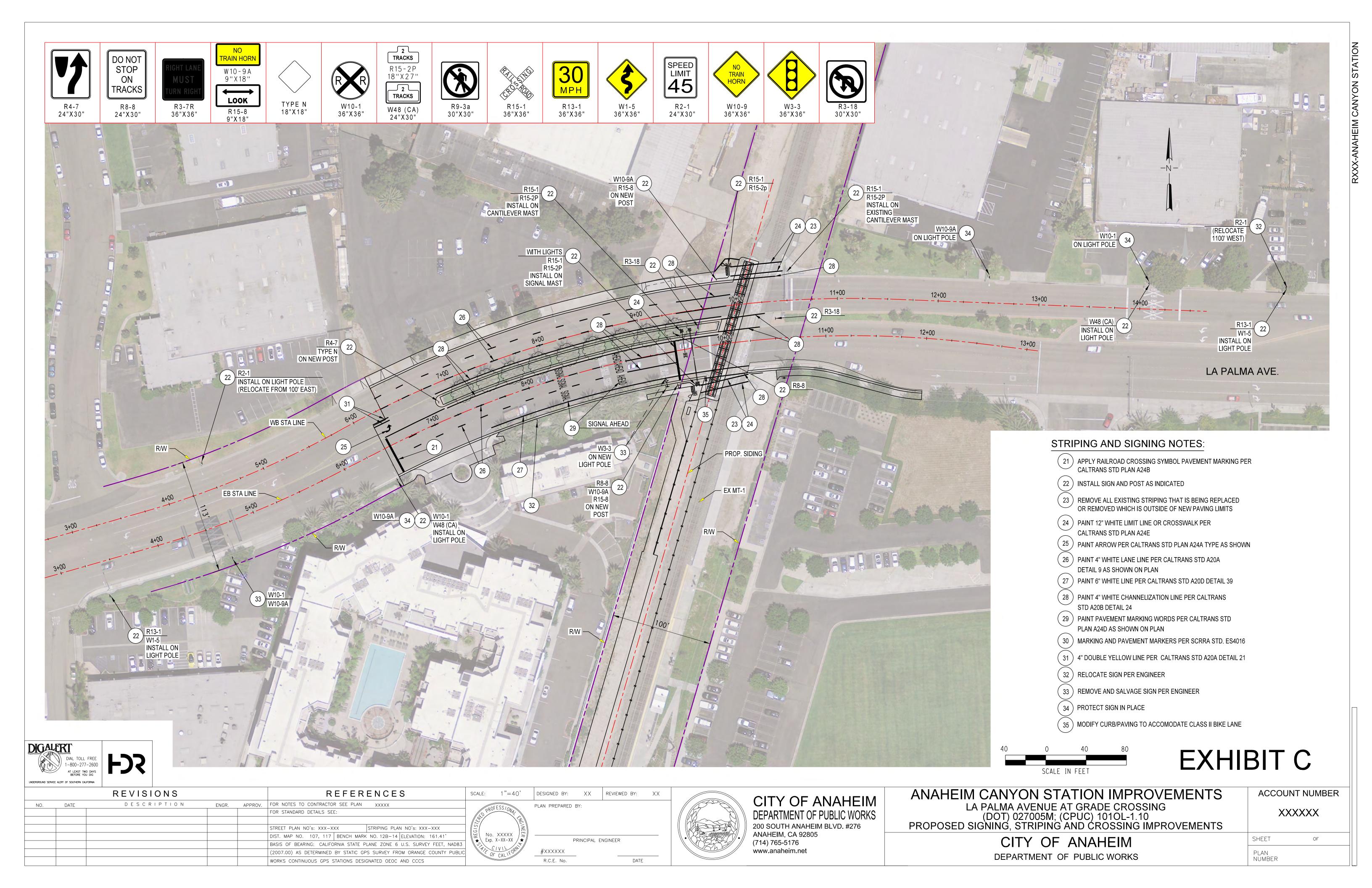


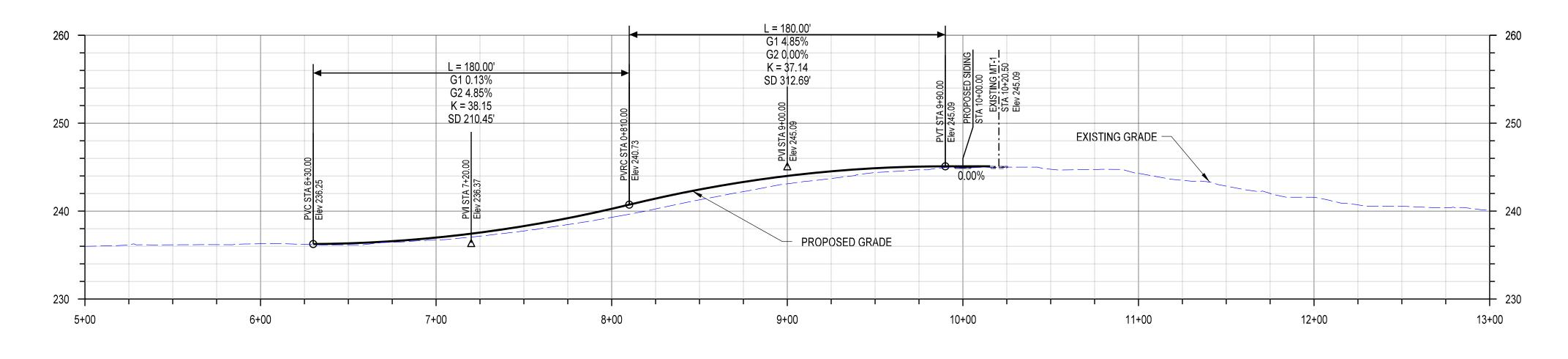
EXHIBIT A VICINITY MAP

LA PALMA AVENUE CPUC NO 1010L-1.10 USDOT NO. 027005M

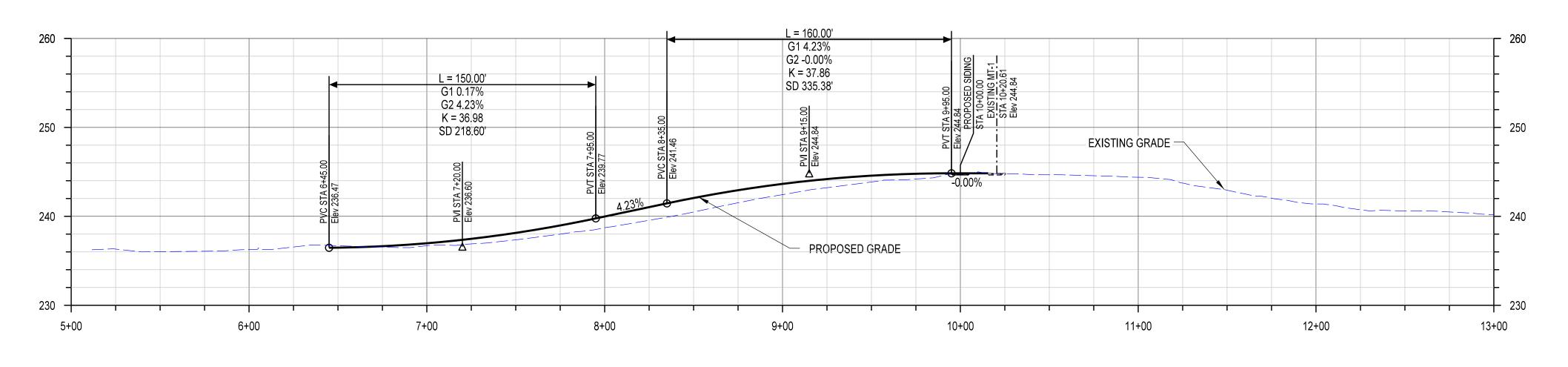








LA PALMA AVE. WB LANE



LA PALMA AVE. EB LANE



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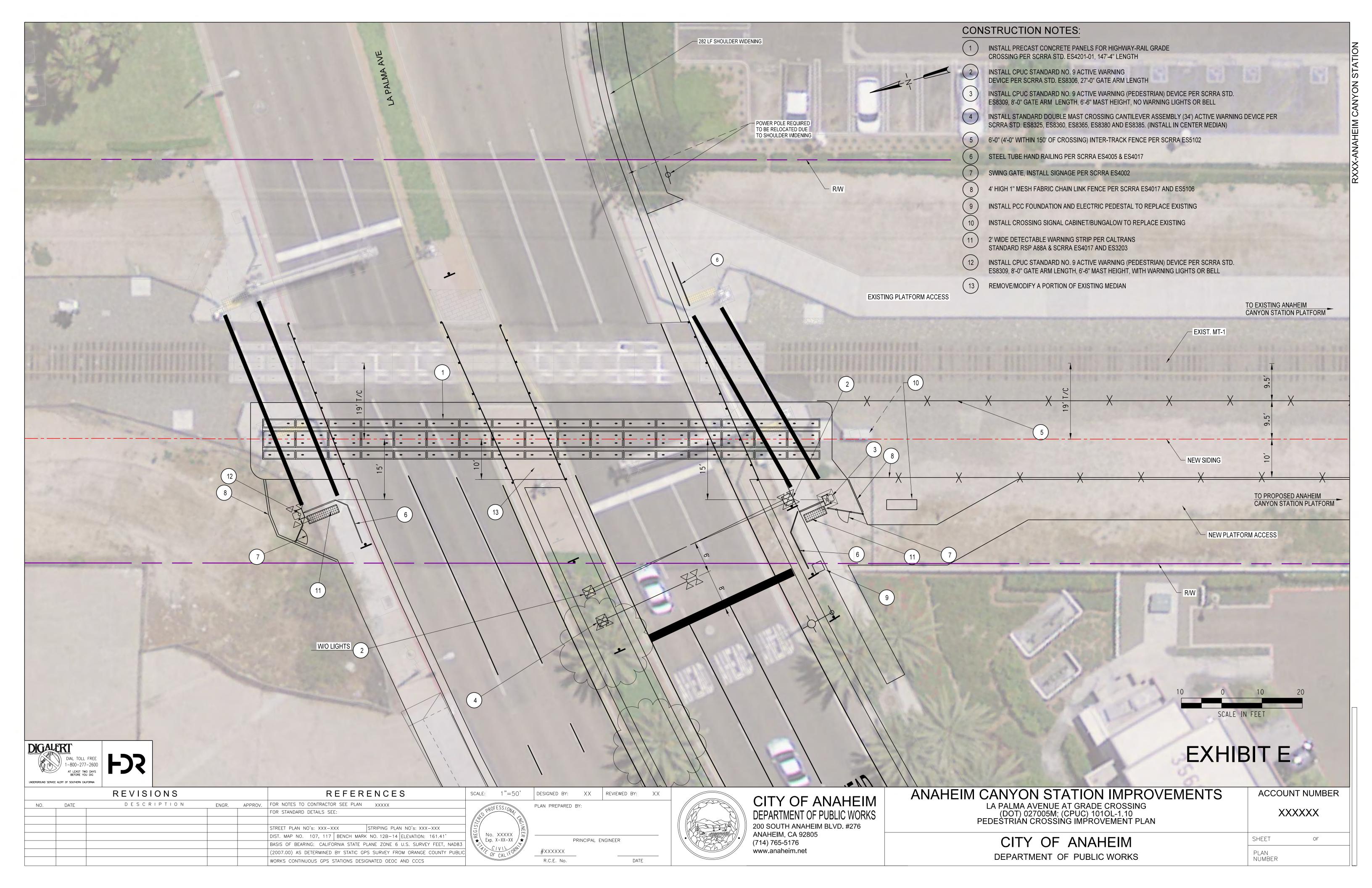
EXHIBIT D	
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REVISIONS			REFER	ENCES		
NO.	DATE	DESCRIPTION	ENGR.	APPROV.	FOR NOTES TO CONTRACTOR SEE PLAN	XXXXX
					FOR STANDARD DETAILS SEE:	
					STREET PLAN NO's: XXX-XXX	STRIPING PLAN NO's: XXX-XXX
					DIST. MAP NO. 107, 117 BENCH MAR	K NO. 12B-14 ELEVATION: 161.41'
					BASIS OF BEARING: CALIFORNIA STATE PLANE ZONE 6 U.S. SURVEY FEET, NAD83	
					(2007.00) AS DETERMINED BY STATIC GPS SURVEY FROM ORANGE COUNTY PUBLIC	
					WORKS CONTINUOUS GPS STATIONS DESIGNATED OEOC AND CCCS	

	SCALE:	1"=40'	DESIGNED BY:	XX	REVIEWED B	Y: XX	
D83	Exp. 7	XXXXX X-XX-XX *	PLAN PREPARED F #XXXXXX R.C.E. No.	BY: PRINCIPAL EI -		DATE	

CITY OF ANAHEIM DEPARTMENT OF PUBLIC WORKS 200 SOUTH ANAHEIM BLVD. #276 ANAHEIM CA 92805
ANAHEIM, CA 92805
(714) 765-5176
www.anaheim.net

ANAHEIM CANYON STATION IMPROVEMENTS LA PALMA AVENUE AT GRADE CROSSING (DOT) 027005M; (CPUC) 1010L-1.10 ROADWAY PROFILES	ACCOUNT NUMBER XXXXXX
CITY OF ANAHEIM	SHEET OF
DEPARTMENT OF PUBLIC WORKS	PLAN



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Street Address:	600 S. Main Street
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Zip:	92868
Phone:	(714) 560-5462
Email:	jbergener@octa.net

3. Crossing proposed to be altered

Crossing proposed to be aftered			
PUC Crossing Number:	101OL - 0.80		
U.S. DOT Crossing Number:	027004F		
Street Name:	North Tustin Avenue		
City:	Anaheim		
County:	Orange County		
Average Daily Vehicle Traffic	24,558		
(ADT) on roadway crossing			
tracks			
Year ADT count taken (should be	10/21/2011		
within last 5 years)			
Railroad Responsible for	or SCRRA		
Crossing:			
Other Railroads Operating on	BNSF		
Tracks:			
Average Daily Train Traffic and			
speed from all operating railroads	Train Volume	Maximum Train Speed	
Passenger	16	40	
Freight	3	40	
Transit	N/A		

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

- Construct a new 2nd main line track east of the existing main line track at 15 feet track centers.
- Relocate existing No. 9A cantilever with gate at the northeast quadrant and No. 9 flashers with gate at the east center median.

- Relocate existing No. 9 pedestrian gates and swing gates at both sidewalks on the east side of the track
- Install W48 (CA) "2 TRACKS" at the existing W10-1/W10-9 signs at the east side of the main line for the west bound traffic.
- Install W10-1, W48 (CA) "2 TRACKS" and W10-9 on new post at the Railroad Crossing Symbol marking at the west side of the main line for the east bound traffic.
- Install R15-2 "2 TRACKS" at existing railroad warning devices

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

The Anaheim Canyon Station is the only Metrolink commuter rail station on the Inland Empire-Orange County Line in the City of Anaheim. The installation of additional main line track through the station is to meet the current transit demand needs and to provide for growth requirements through 2035 and beyond. In addition, the proposed 2nd track will allow more than one train to serve the station and/or pass through the station area at a time. The North Tustin Avenue crossing is located north of the station.

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

North Tustin Avenue is located in a constrained urban setting. Grade separation could require significant displacement of industrial and commercial land uses in the immediate vicinity of the crossing.

7. Describe crossing warning devices

	seserine crossing warning devices				
Curr	ent:	2- No. 9A Cantilever Signals with Gate			
		2 – No. 9 Flashers with Gate			
		4 – No. 9 Pedestrian Flashers with Gate			
		4 – Emergency Swing Gate			
Propos	sed:	2- No. 9A Cantilever Signals with Gate			
		2 – No. 9 Flashers with Gate			
		4 – No. 9 Pedestrian Flashers with Gate			
		4 – Emergency Swing Gate			

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

The required temporary traffic control devices during the period of construction shall be in compliance with the California Manual on Uniform Traffic Control Devices (MUTCD) and City of Anaheim standards.

9. CEQA (Applicable only to grade-separation projects). If the project involves grade separation of an existing at grade crossing, then either a copy of the Notice of

Public Resources Code Section 21080.13 must be provided.
Not required.
10. Signature
I, Jennifer Bergener, am an employee of Orange County Transportation Authority and authorized to sign this GO 88-B authorization request letter on its behalf.

Exemption from CEQA or other factual evidence that the project is exempt from

Signature and date

Jennifer Bergener

I, Patricia Watkins, am an employee of Southern California Regional Rail Authority (SCRRA) and authorized to sign this letter of agreement on its behalf, hereby declare that SCRRA concurs with the proposed project described above.

Patricia Watkins Director, Standards & Design Signature and Date

279 E. Arrow Highway, Suite 101 San Dimas, CA 91773

I, Rudy Emami, am an employee of the City of Anaheim and authorized to sign this letter of agreement on its behalf, hereby declare that the City of Anaheim concurs with the proposed project described above.

Rudy Emami, PE Acting City Engineer Signature and Date

City of Anaheim Public Works Department 200 S. Anaheim Blvd Anaheim, CA 92805

Attachments:

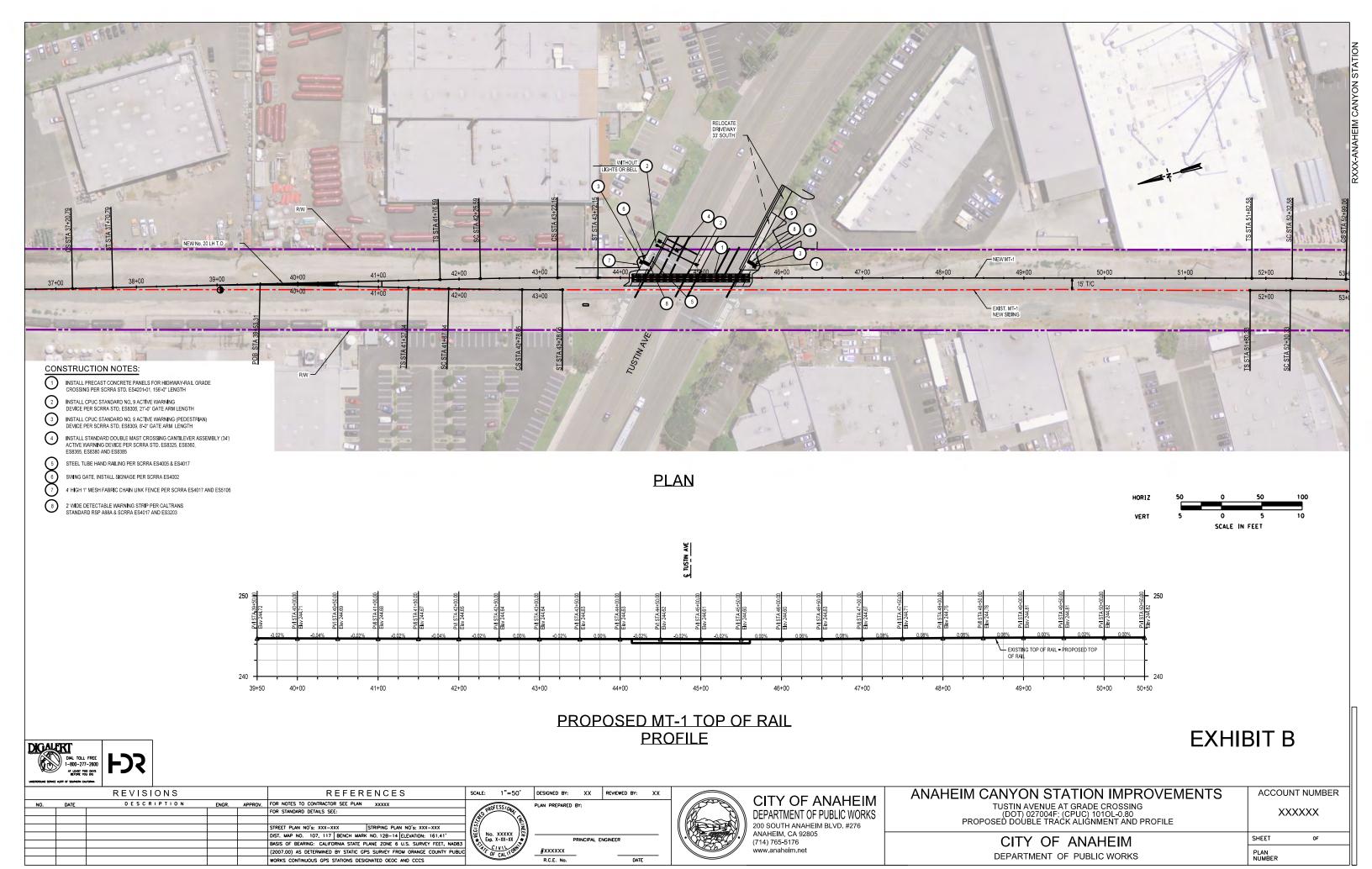
- 1. Exhibit 'A' Vicinity Map
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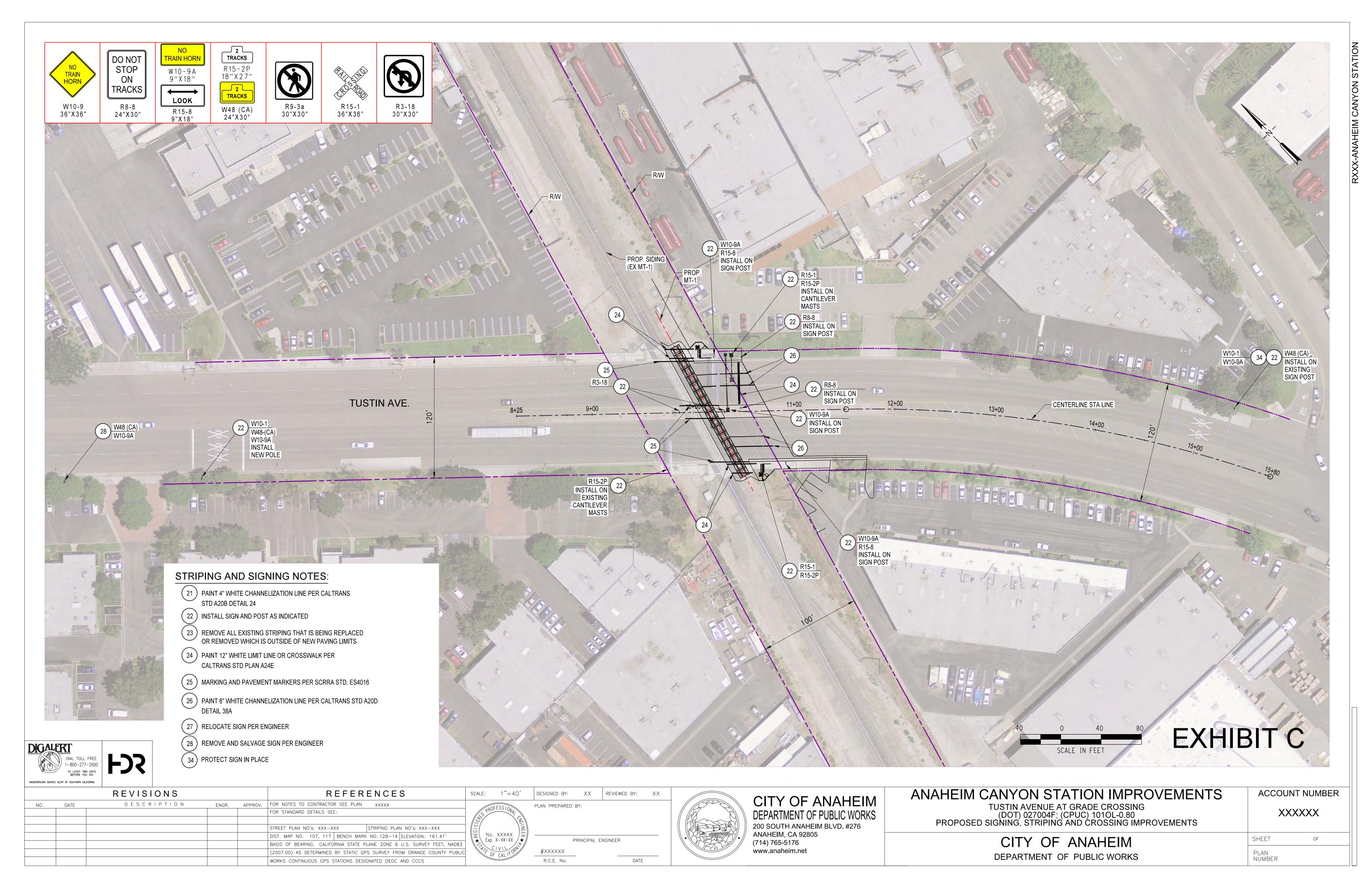


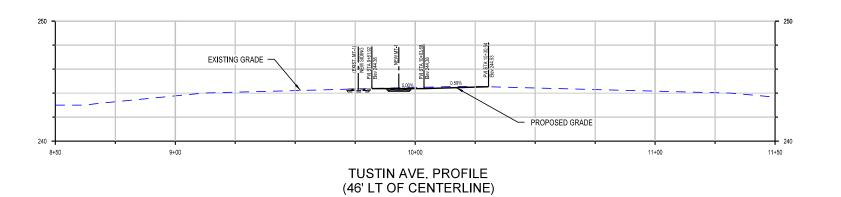
EXHIBIT A VICINITY MAP

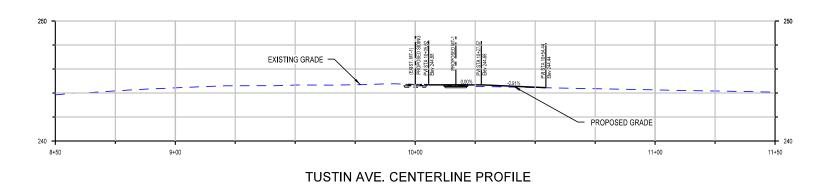
N. TUSTIN AVENUE CPUC NO 1010L-0.80 USDOT NO. 027004F

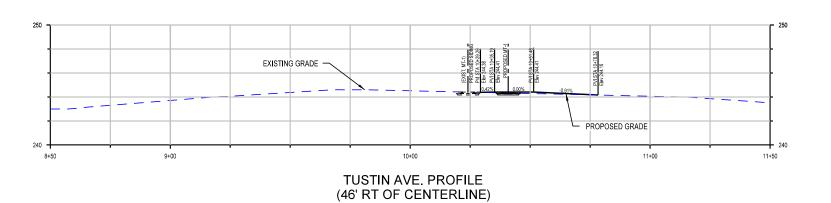














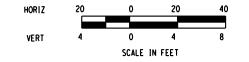


EXHIBIT D

ACCOUNT NUMBER

		-									
		REVISIONS			REFERENCES	SCALE: 1"=20'	DESIGNED BY:	xx	REVIEWED BY:	xx	
NO.	DATE	DESCRIPTION	ENGR.	APPROV.	FOR NOTES TO CONTRACTOR SEE PLAN XXXXX	122220	PLAN PREPARED E	3Y:			/ ا
					FOR STANDARD DETAILS SEE:	PROFESS/ONAL					l //
						(\$) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					l //
					STREET PLAN NO'S: XXX-XXX STRIPING PLAN NO'S: XXX-XXX] //s/ \\ <u>\$</u>					1 ((
					DIST. MAP NO. 107, 117 BENCH MARK NO. 12B-14 ELEVATION: 161.41	No. XXXXX /≅/		RINCIPAL EI	HONEED	—	Ⅰ \\
					BASIS OF BEARING: CALIFORNIA STATE PLANE ZONE 6 U.S. SURVEY FEET, NAD83	\\\ \\ \\	,	RINCIPAL E	NGINEER		
					(2007.00) AS DETERMINED BY STATIC GPS SURVEY FROM ORANGE COUNTY PUBLIC	TIT OF CALIFORN	#XXXXXX				
					WORKS CONTINUOUS GPS STATIONS DESIGNATED OFFIC AND CCCS	U.C.	R.C.E. No.		DATE	<i>-</i>	

	CITY OF ANAHEIM DEPARTMENT OF PUBLIC WORKS 200 SOUTH ANAHEIM BLVD. #276 ANAHEIM, CA 92805 (714) 765-5176 www.anaheim.net
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ANAH	IEIM CANYON STATION IMPROVEMENTS
	TUSTIN AVENUE AT GRADE CROSSING
	(DOT) 027004F; (CPUC) 1010L-0.80 PROPOSED DOUBLE TRACK ALIGNMENT AND PROFILE

TUSTIN AVENUE AT GRADE CROSSING (DOT) 027004F; (CPUC) 1010L-0.80 OPOSED DOUBLE TRACK ALIGNMENT AND PROFILE	xxxxxx			
CITY OF ANAHEIM	SHEET OF			
DEPARTMENT OF PUBLIC WORKS	PLAN NUMBER			

