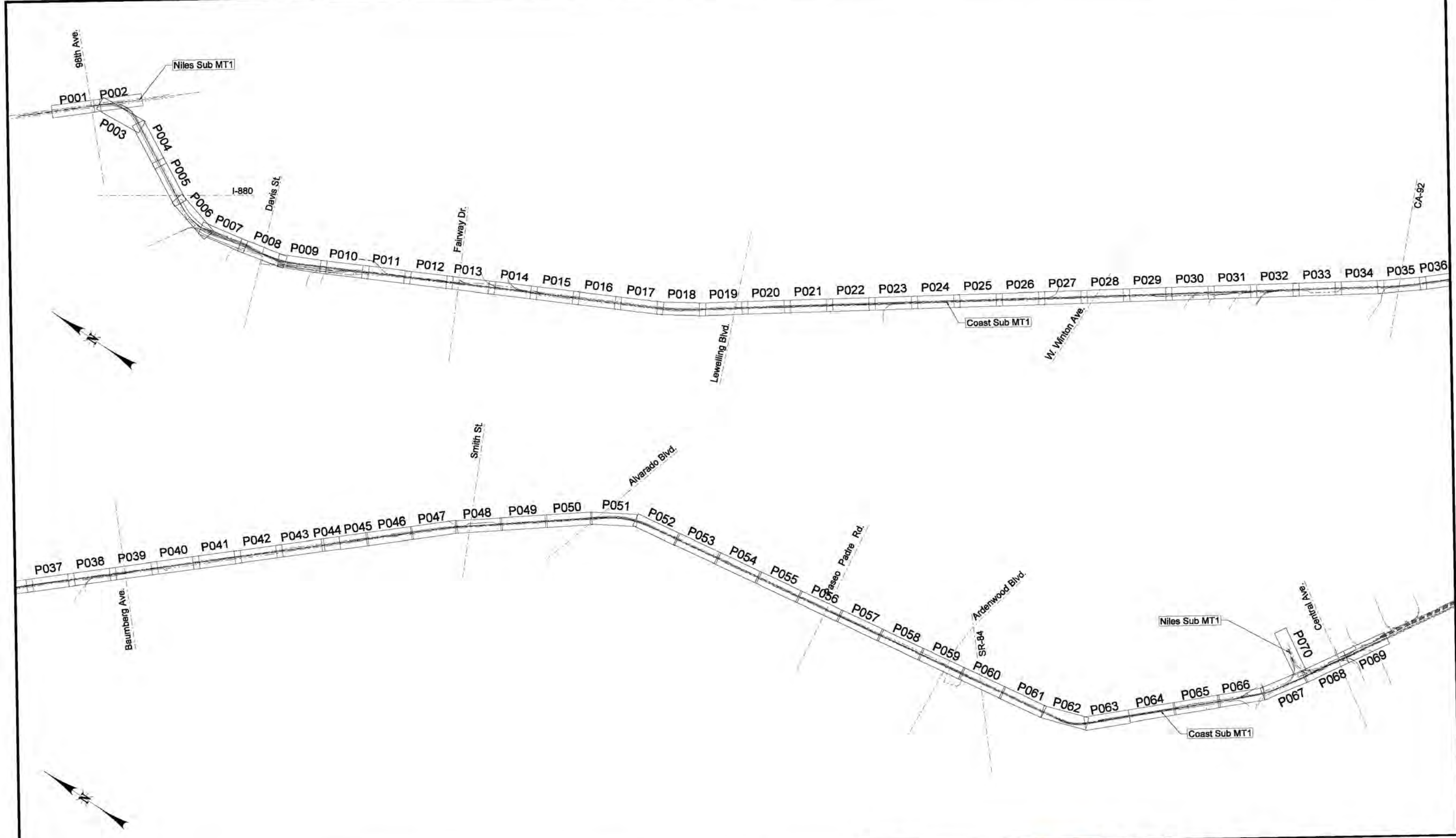


Appendix A Alternative E (Proposed Project) and Project Alternatives

Attachment 1



Legend

	Roadway Improvement - Temporary		Utility Improvement - Temporary		New Rail and Station Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary		New Rail and Station Construction Disturbance Area - Temporary		Proposed Track
	Structures Improvements In Water Disturbance Area - Temporary		Structures Improvements In Water Disturbance Area - Permanent		Existing Track
					Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



DRAWN BY:
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CHECKED BY:
KDM
DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, HAYWARD, UNION CITY, & FREMONT, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Main Track
Keymap

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To Coliseum X-Over & 10TH St. X-Over
Timetable North

See Project Description for Additional Information

To San Leandro & Niles Jct.
Timetable South

98th Ave.

Pearmain St.

Construct Track

Sta. 645+50.11 CL 98th Ave.
DOT 749724T BFG
Lat. 37°44'15.98"N
Long. 122°10'53.46"W
Exist MP 13.35
Grade Crossing Improvements

UPRR RW

Exist. Niles Sub Main Track-2

Exist. Niles Sub Main Track-1

Track 179

UPRR RW

Railroad Ave.

Install No. 24 Crossover
POTO Sprg Frog

Construct Track

S. Elmhurst Ave.

Tyler St.

Nevada St.

98th Ave.

100 0 100 200

SCALE IN FEET

Walter Ave.

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Utility Improvement - Temporary	New Rail and Station Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Temporary	Proposed Track
	Structure Improvements In Water Disturbance Area - Permanent	Existing Track
		Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



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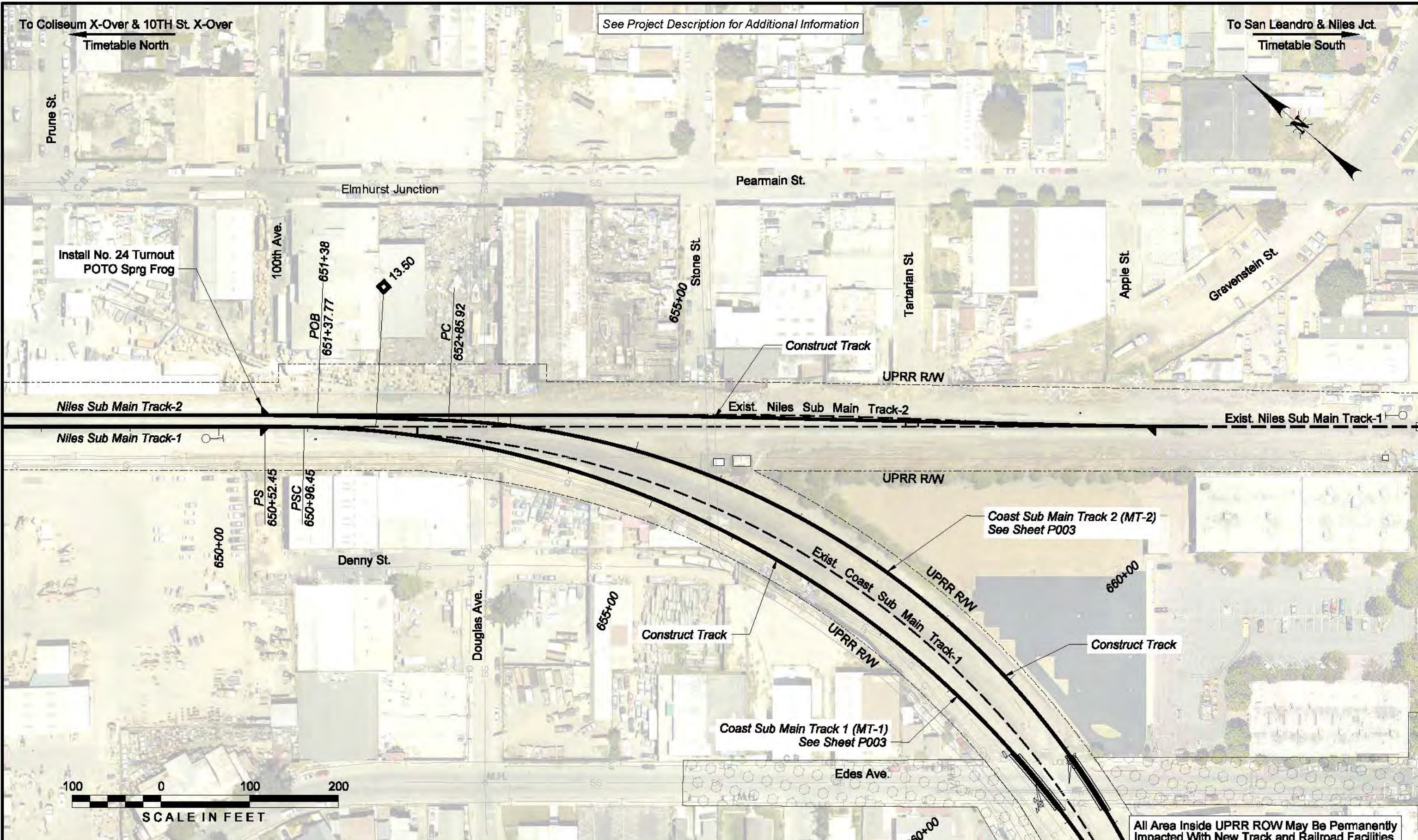
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LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
NILES SUBDIVISION - MP 13.32 TO MP 13.70
Alternative E
P001 of P070

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3/5/2024

To Coliseum X-Over & 10TH St. X-Over
Timetable North

See Project Description for Additional Information

To San Leandro & Niles Jct.
Timetable South



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION

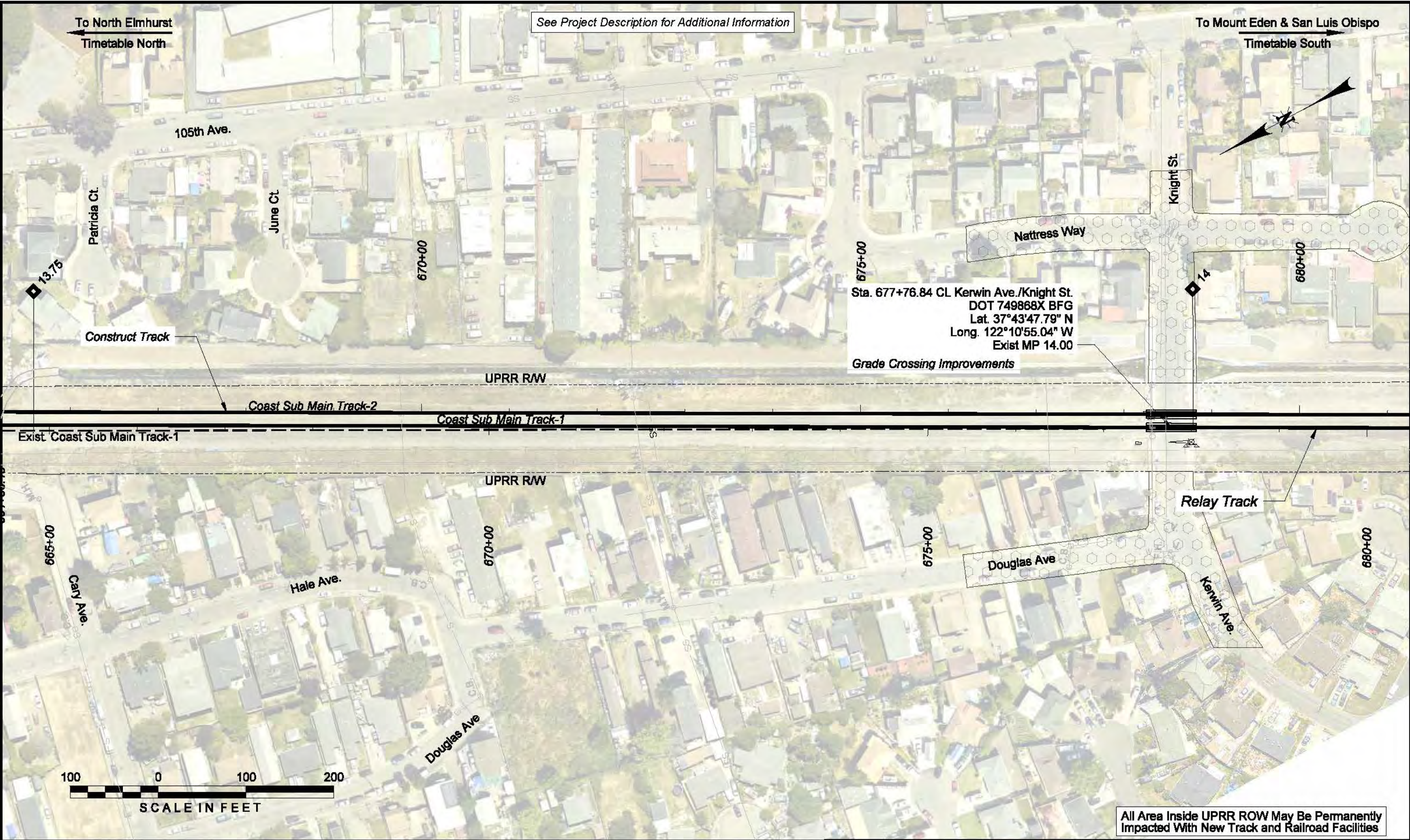


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29 FEB 2024
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CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
NILES SUBDIVISION - MP 13.32 TO MP 13.70
Alternative E
P002 of P070

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3/5/2024

See Project Description for Additional Information



Sta. 677+76.84 CL Kerwin Ave./Knight St.
 DOT 749868X BFG
 Lat. 37°43'47.79" N
 Long. 122°10'55.04" W
 Exist MP 14.00

Grade Crossing Improvements

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	Utility Improvement - Temporary	
	New Rail and Station Construction Disturbance Area - Temporary	
	Structure Improvements In Water Disturbance Area - Permanent	

PRELIMINARY
NOT FOR CONSTRUCTION



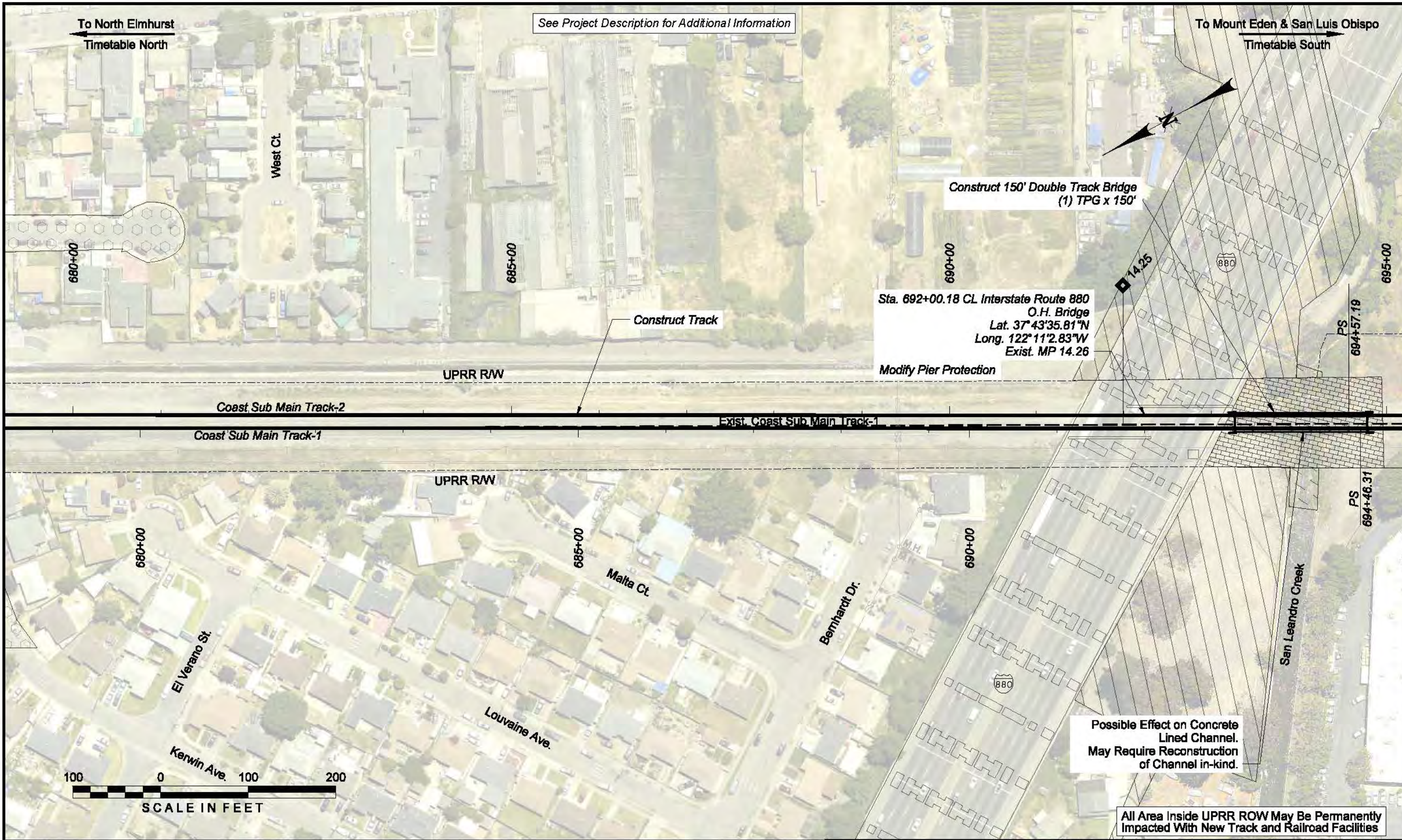
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CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
 P004 of P070

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PRELIMINARY
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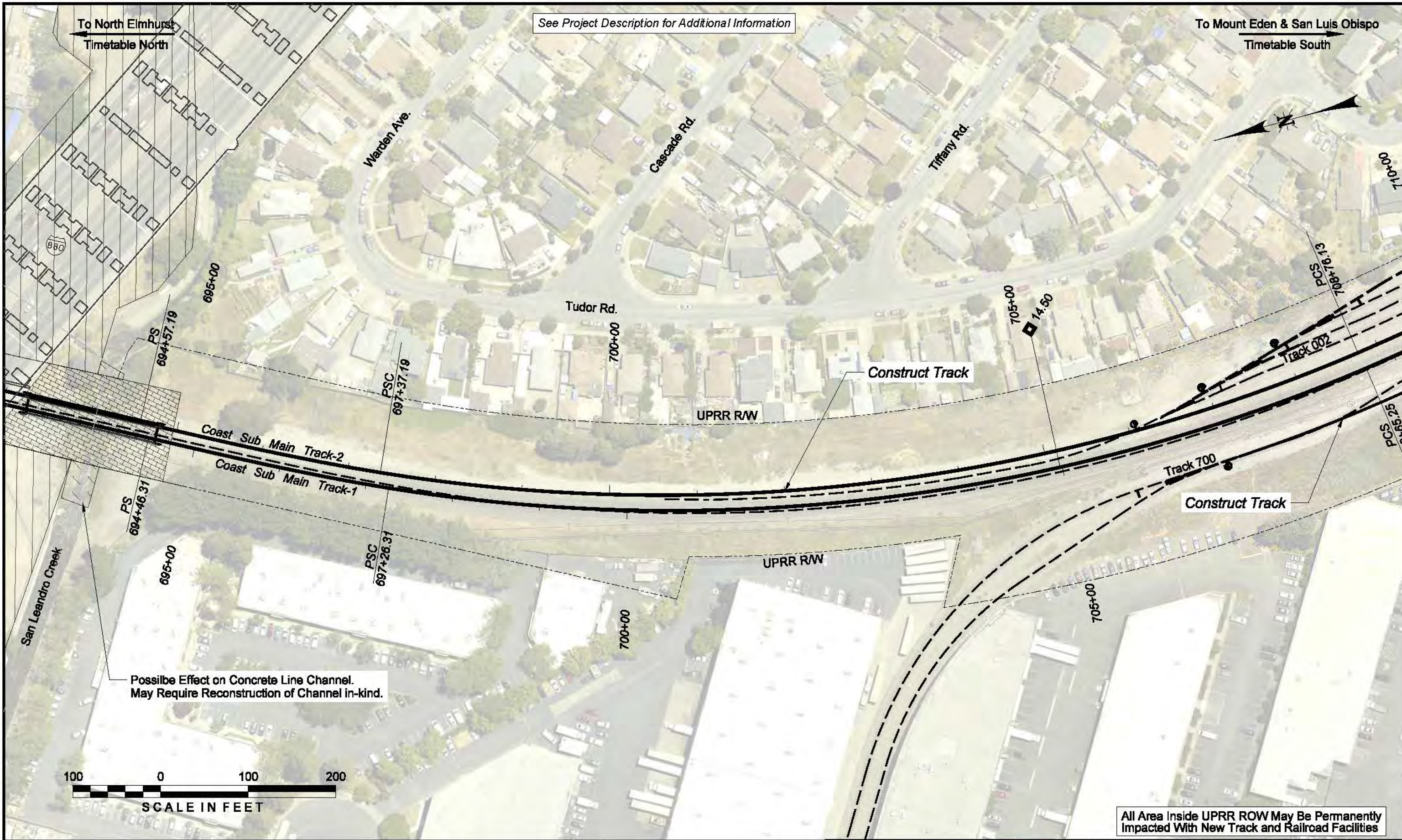
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LOCATION & DESCRIPTION:
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 COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
 P005 of P070

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See Project Description for Additional Information

To North Elmhurst
Timetable North

To Mount Eden & San Luis Obispo
Timetable South

Possible Effect on Concrete Line Channel.
May Require Reconstruction of Channel in-kind.



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

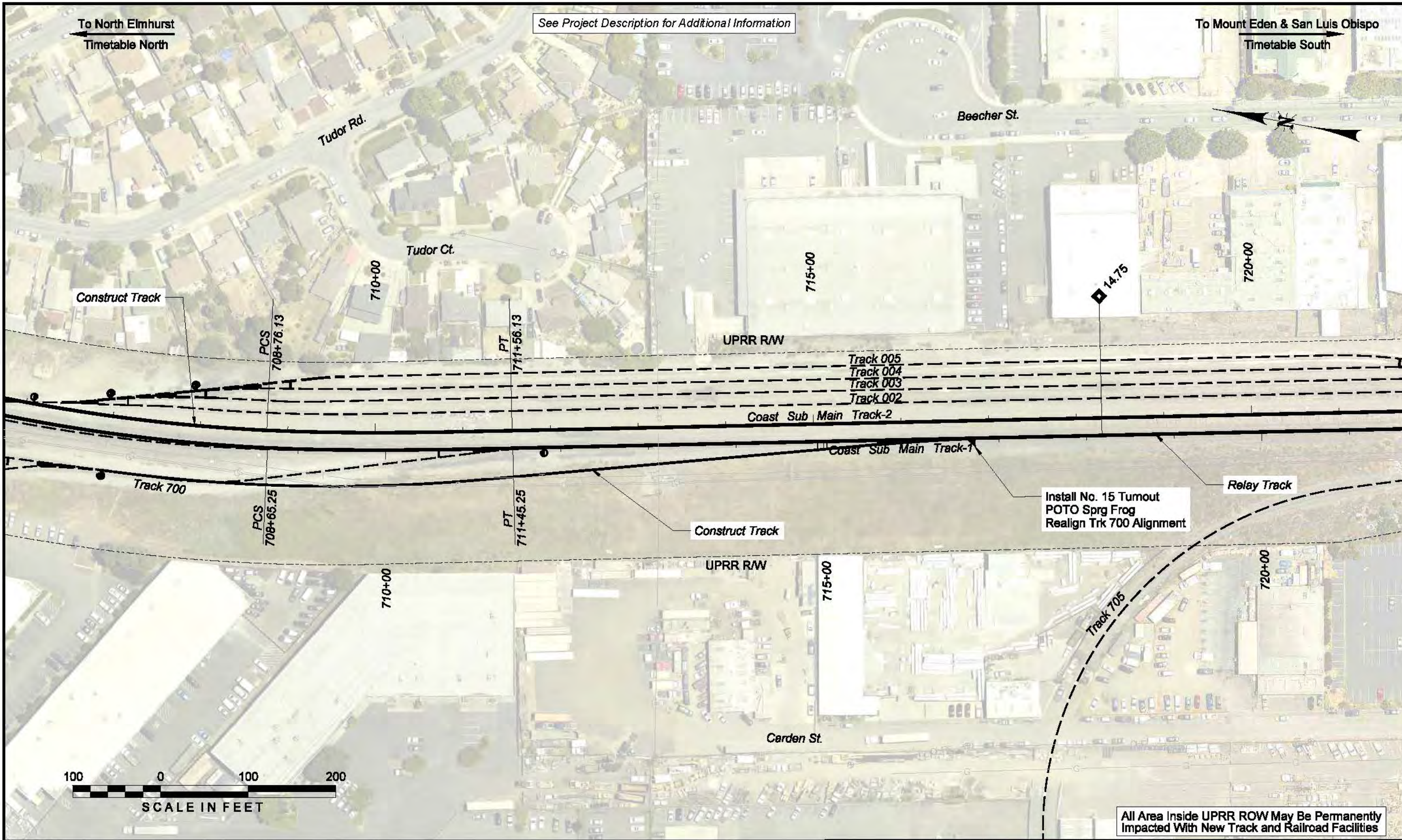
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NOT FOR CONSTRUCTION



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29 FEB 2024
SHEET TITLE:

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 LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P008 of P070

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PRELIMINARY
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29 FEB 2024
 SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
 LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P007 of P070

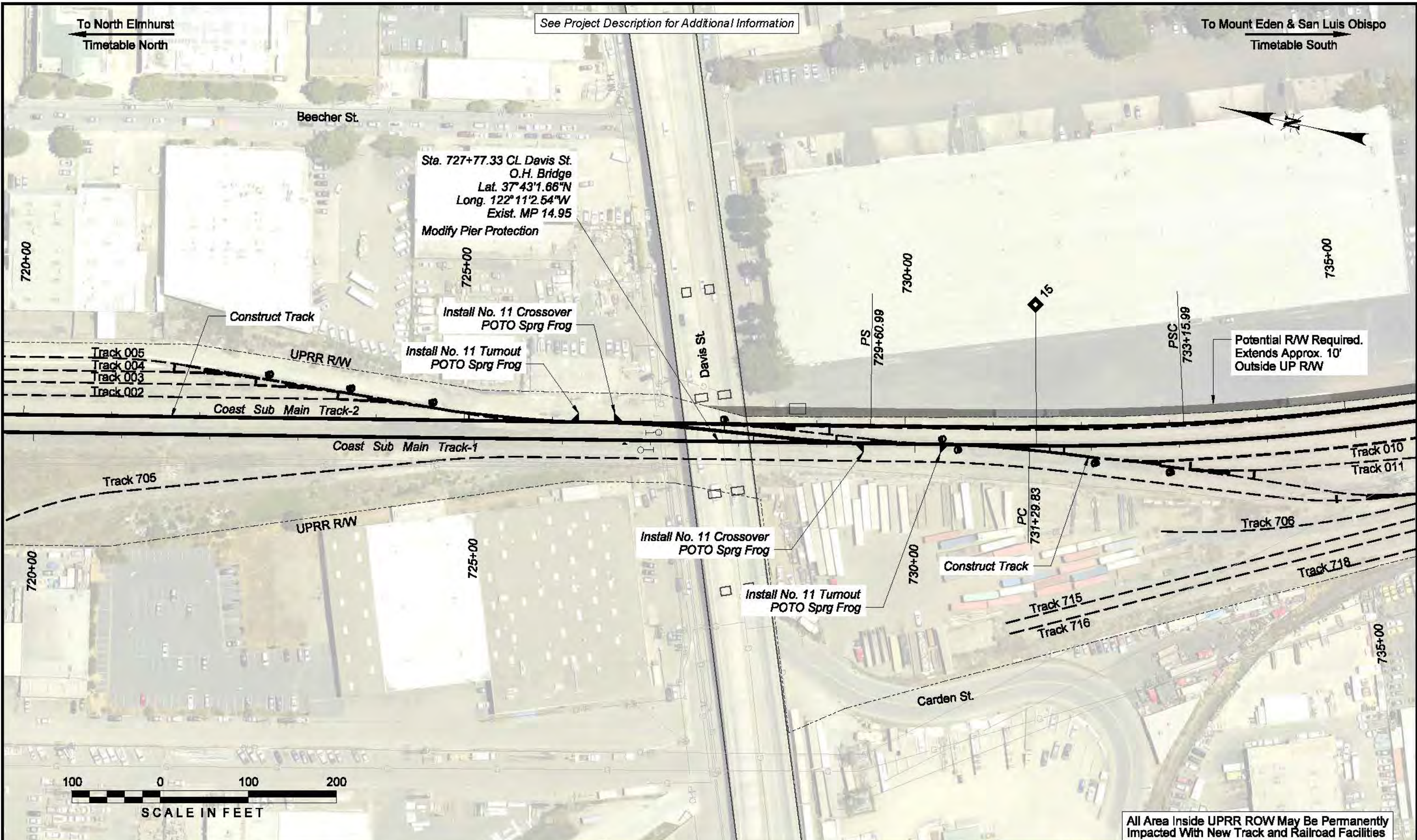
Legend

	Roadway Improvement - Temporary		Utility Improvement - Temporary		New Rail and Station Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary		New Rail and Station Construction Disturbance Area - Temporary		Proposed Track
	Structure Improvements In Water Disturbance Area - Temporary		Structure Improvements In Water Disturbance Area - Permanent		Existing Track
					Existing UPRR ROW

To North Elmhurst
Timetable North

See Project Description for Additional Information

To Mount Eden & San Luis Obispo
Timetable South



Sta. 727+77.33 CL Davis St.
O.H. Bridge
Lat. 37°43'1.66"N
Long. 122°11'2.54"W
Exist. MP 14.95
Modify Pier Protection

Install No. 11 Crossover
POTO Sprg Frog
Install No. 11 Turnout
POTO Sprg Frog

Potential RW Required.
Extends Approx. 10'
Outside UP RW

Install No. 11 Crossover
POTO Sprg Frog

Install No. 11 Turnout
POTO Sprg Frog



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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Legend	
	Roadway Improvement - Temporary
	Utility Improvement - Temporary
	New Rail and Station Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Proposed Track
	Existing Track
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



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DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P008 of P070

To North Elmhurst
Timetable North

See Project Description for Additional Information

To Mount Eden & San Luis Obispo
Timetable South



Potential R/W Required.
Extends Approx. 12'
Outside UP R/W

All Area Inside UPRR ROW May Be Permanently
Impacted With New Track and Railroad Facilities

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Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	

PRELIMINARY
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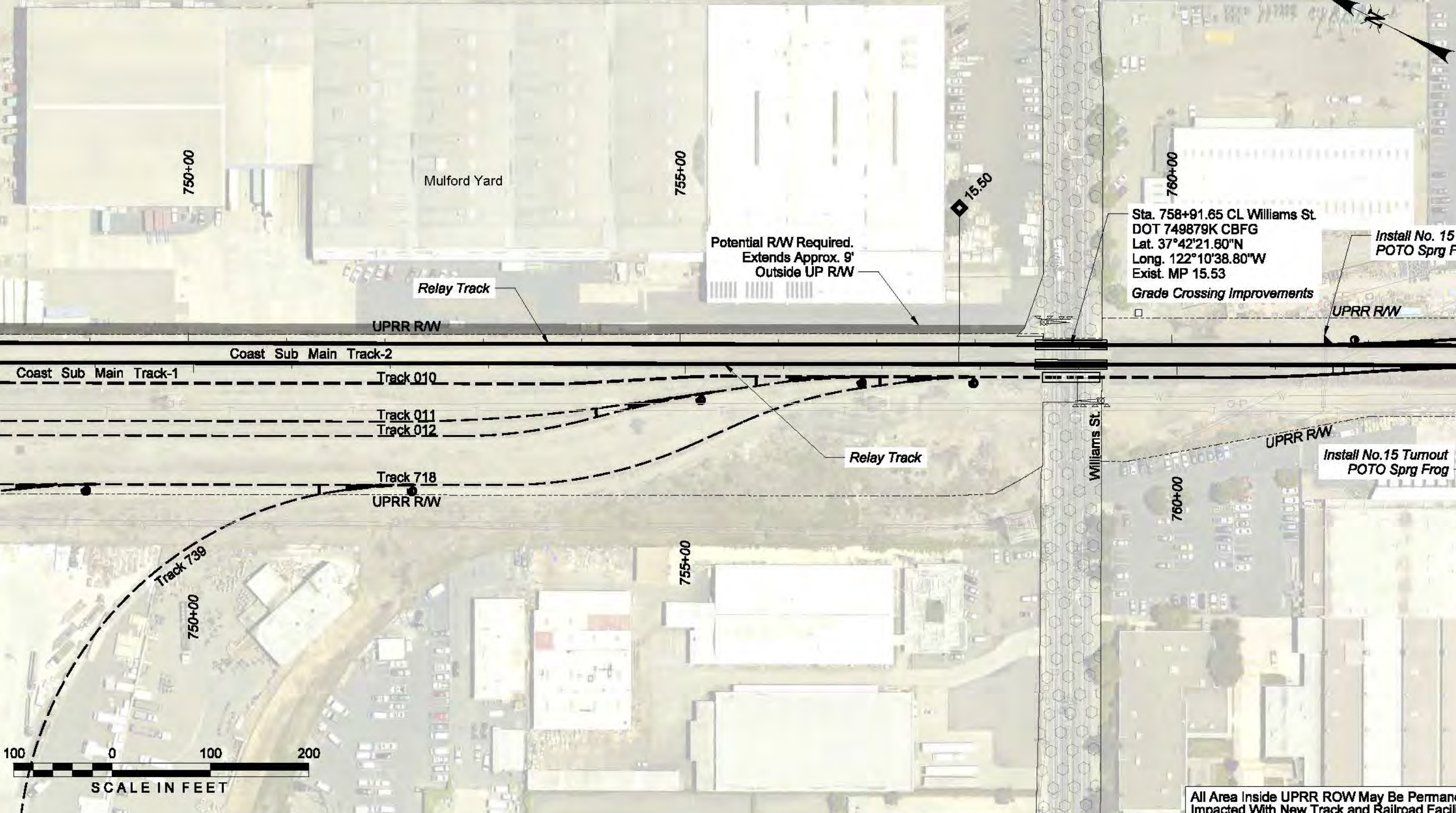
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CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P009 of P070

To North Elmhurst
Timetable North

See Project Description for Additional Information

To Mount Eden & San Luis Obispo
Timetable South



Sta. 758+91.65 CL Williams St.
DOT 749879K CBBG
Lat. 37°42'21.60"N
Long. 122°10'38.80"W
Exist. MP 15.53
Grade Crossing Improvements

Install No. 15 Turnout
POTO Sprng Frog

Install No.15 Turnout
POTO Sprng Frog

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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[Pattern]	Roadway Improvement - Temporary	[Pattern]
[Pattern]	Utility Improvement - Temporary	[Pattern]
[Pattern]	Construction Staging and Easements Area - Temporary	[Pattern]
[Pattern]	New Rail and Station Construction Disturbance Area - Temporary	[Pattern]
[Pattern]	Structure Improvements In Water Disturbance Area - Temporary	[Pattern]
[Pattern]	Structure Improvements In Water Disturbance Area - Permanent	[Pattern]
[Pattern]	New Rail and Station Disturbance Area - Permanent	[Pattern]
[Line]	Proposed Track	[Line]
[Line]	Existing Track	[Line]
[Line]	Existing UPRR ROW	[Line]

PRELIMINARY
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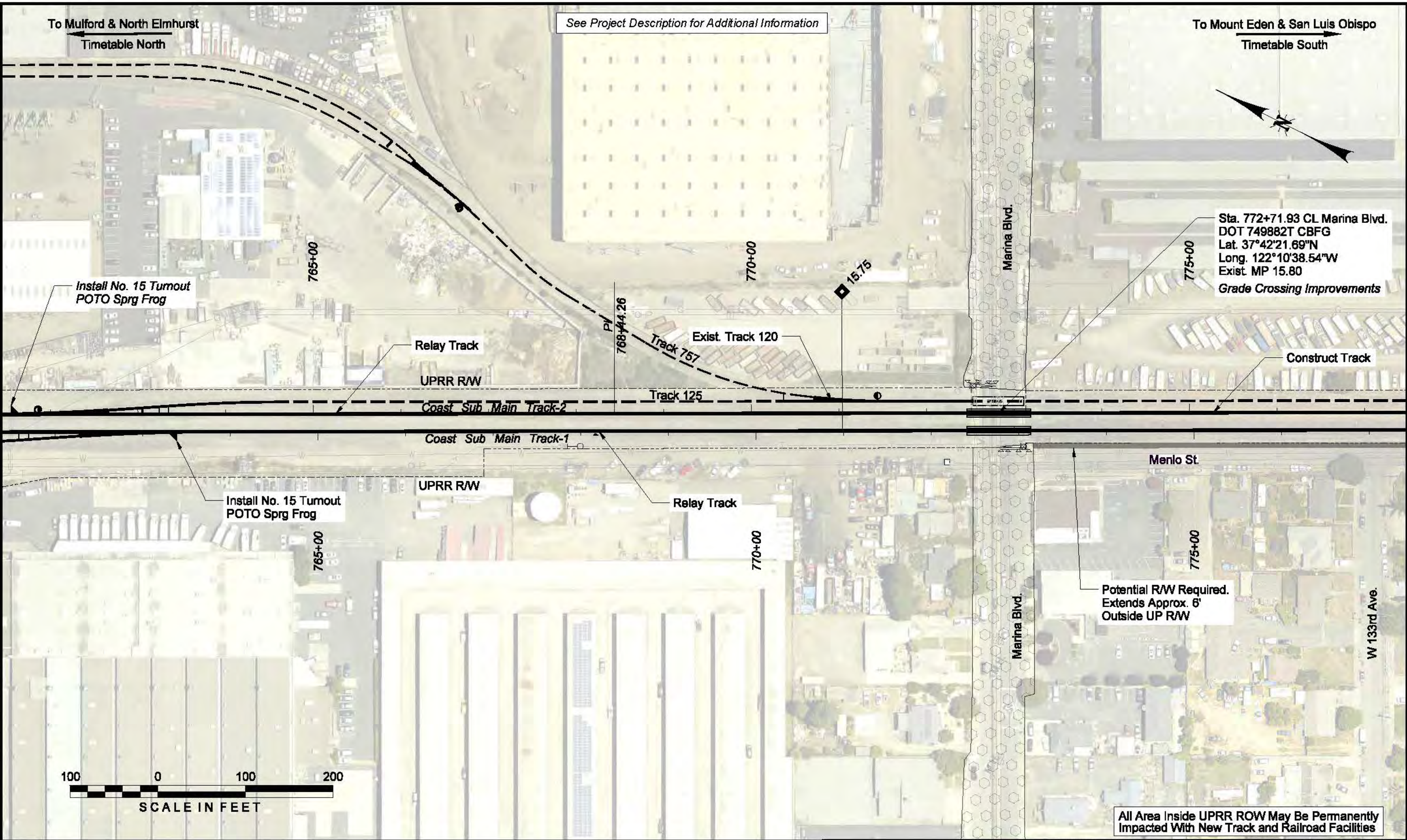
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LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
P010 of P070

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Legend		
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	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing UPRR ROW	

PRELIMINARY
NOT FOR CONSTRUCTION



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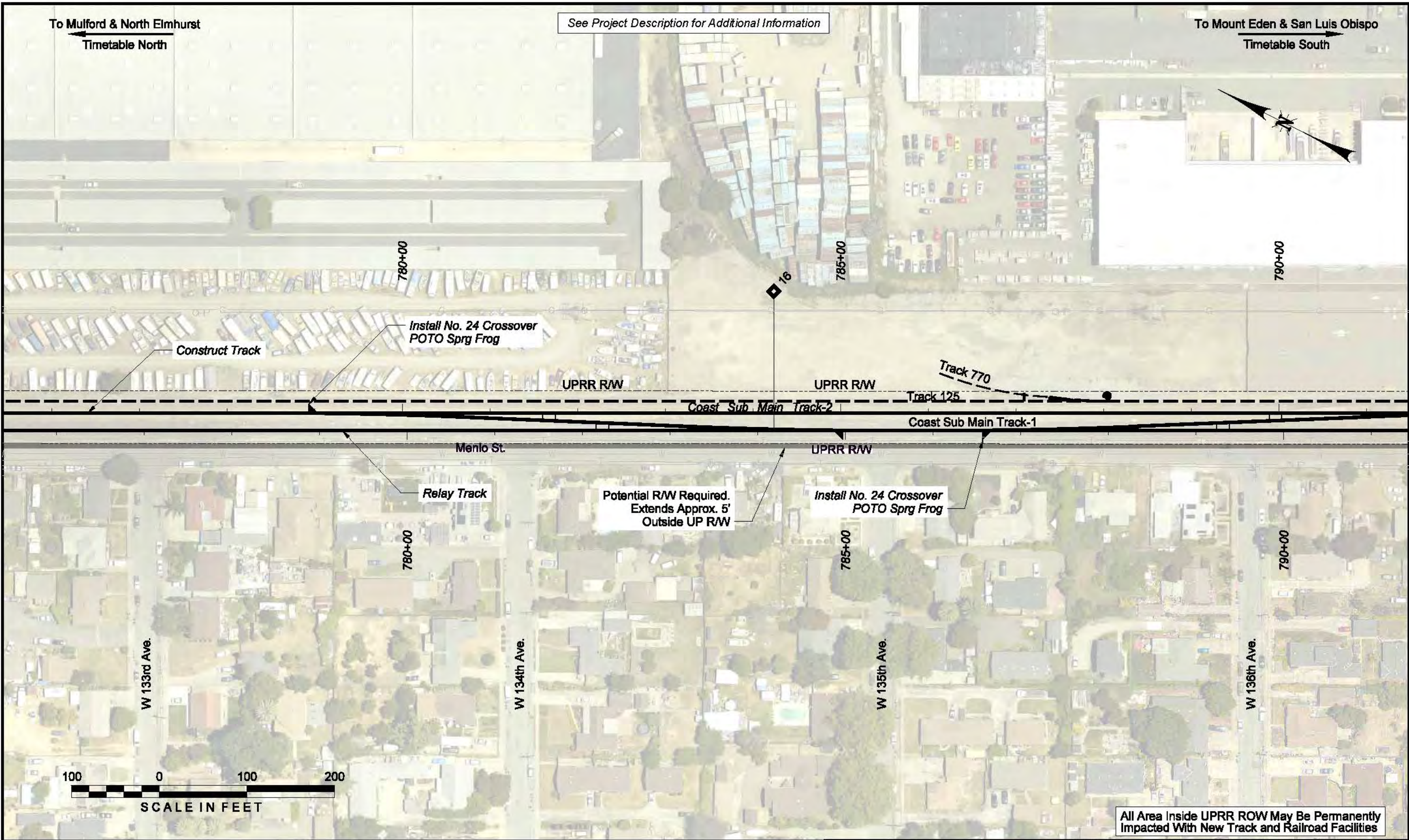
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 COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
 P011 of P070

See Project Description for Additional Information

To Mulford & North Elmhurst
Timetable North

To Mount Eden & San Luis Obispo
Timetable South



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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CCJPA - SOUTH BAY CONNECT

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CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92

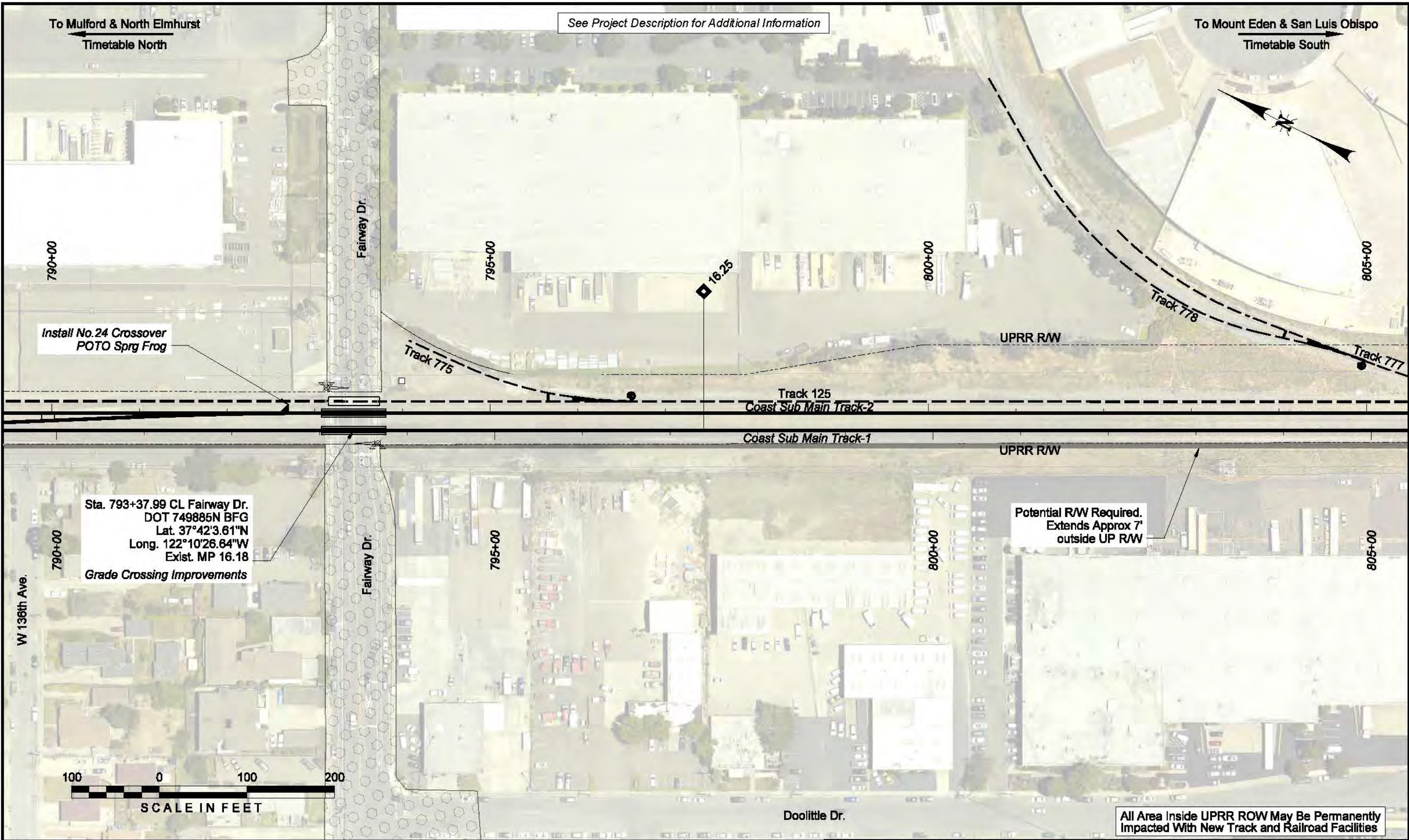
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See Project Description for Additional Information

To Mulford & North Elmhurst
 Timetable North

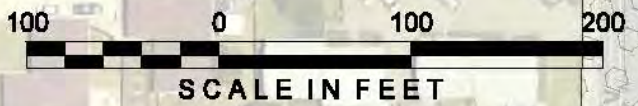
To Mount Eden & San Luis Obispo
 Timetable South



Install No. 24 Crossover
 POTO Sprg Frog

Sta. 793+37.99 CL Fairway Dr.
 DOT 749886N BFG
 Lat. 37°42'3.61"N
 Long. 122°10'26.64"W
 Exist. MP 16.18
 Grade Crossing Improvements

Potential R/W Required.
 Extends Approx 7'
 outside UP R/W



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	

PRELIMINARY
 NOT FOR CONSTRUCTION



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CCJPA - SOUTH BAY CONNECT
 LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P013 of P070

See Project Description for Additional Information

To Mulford & North Elmhurst
Timetable North

To Mount Eden & San Luis Obispo
Timetable South

Griffith St.

Track 789

Install No. 15 Turnout
POTO Sprg Frog

810+00

805+00

815+00

Install No. 9 Turnout HTTO
TBD Frog

Construct Track

Construct Track

Construct Track

Track 778

UPRR R/W

Track 777

Track 125

Coast Sub Main Track-2

Track 788

Track 795

PC
818+90.71

Coast Sub Main Track-1

UPRR R/W

Relay Track

Potential R/W Required.
Extends Approx 8'
outside UP R/W

805+00

810+00

815+00

PC
818+55.49

Catalina St.



SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION



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KDM
DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92

ALTERNATIVE E
P014 of P070

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See Project Description for Additional Information

To Mulford & North Elmhurst
Timetable North

To Mount Eden & San Luis Obispo
Timetable South

Griffith St

Farallon Dr.

Install No. 11 Turnout
POTO Sprg Frog

Sta. 822+64.80 CL Farallon Dr.
DOT 749887C CBF
Lat: 37°41'37.94"N
Long: 122°10'9.77"W
Existing MP: 16.73
Grade Crossing Improvements

Construct Track

Track 795

PC
818+90.71

PT
819+90.71

820+00

825+00

830+00

PC
830+05.42

PT
830+98.23

UPRR RW

Coast Sub Main Track-2

Coast Sub Main Track-1

UPRR RW

Relay Track

Potential RW Required.
Extends Approx 8'
outside UP RW

PC
818+55.49

PT
819+70.34

820+00

825+00

PC
828+53.21

PT
829+68.07

830+00



SCALE IN FEET

All Area Inside UPRR RW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	

PRELIMINARY
NOT FOR CONSTRUCTION



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SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P015 of P070

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To Mulford & North Elmhurst
Timetable North

See Project Description for Additional Information

To Mount Eden & San Luis Obispo
Timetable South

Estudillo Canal

Shining Star Ln.

Flying Mist Rd.

Mayflower Place
840+00

Seaspray Ct

Yankee Ct

Gulfstream Wy.

Construct Track

UPRR RW

Coast Sub Main Track-2

Coast Sub Main Track-1

UPRR RW

Sta. 834+48.40 CL Private Crossing
DOT 922024K S
Lat: 37°41'37.94"N
Long: 122°10'9.77"W
Existing MP: 16.96
Grade Crossing Improvements

Construct Two 31' Track Bridges over Culvert
(2) TPG x 31'

Construct Two 158' Track Bridges
(2) TPG x 158'



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION

HNTB



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29 FEB 2024
SHEET TITLE:

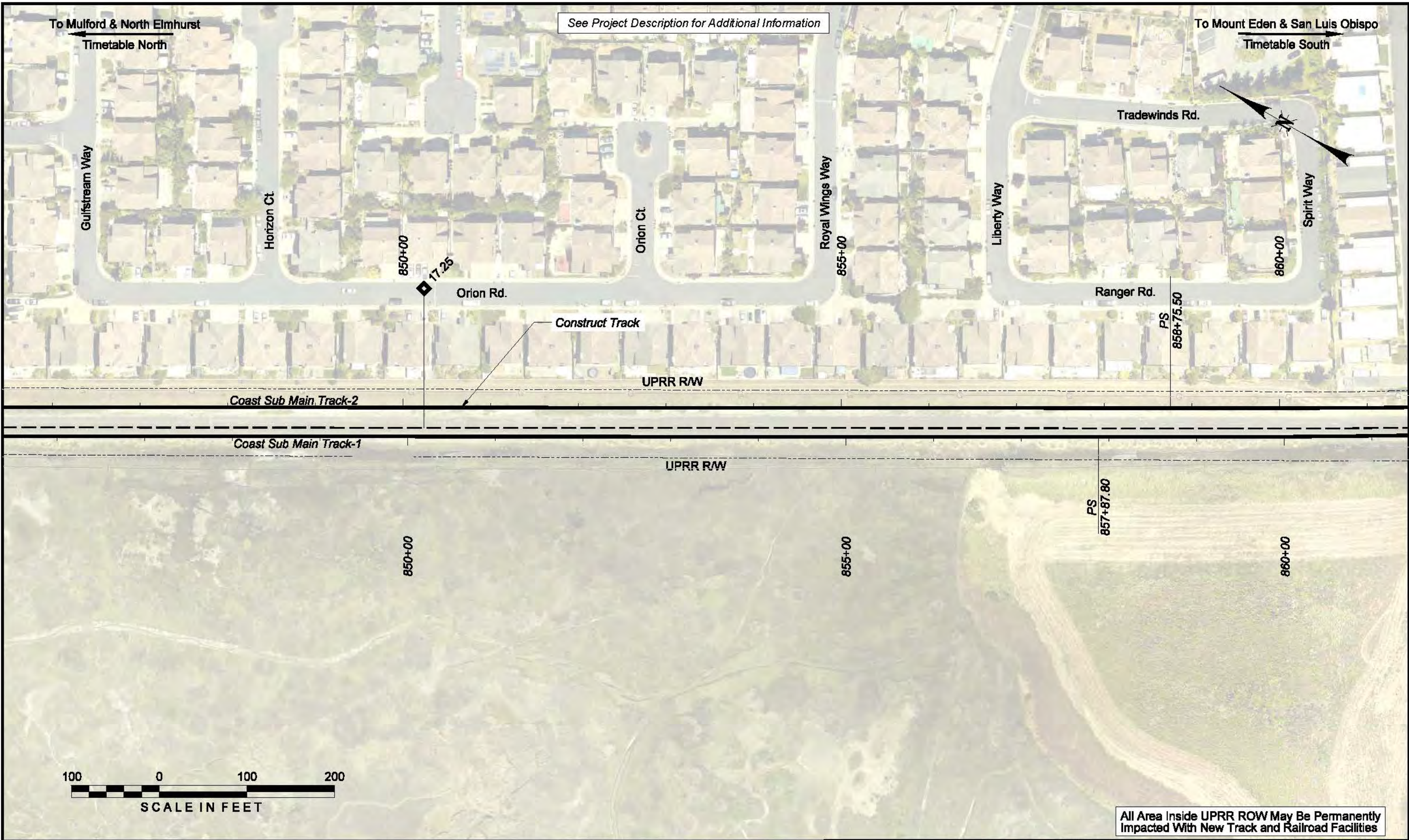
CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P016 of P070

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 3/5/2024

See Project Description for Additional Information



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	Structure Improvements In Water Disturbance Area - Permanent	

PRELIMINARY
NOT FOR CONSTRUCTION



DRAWN BY: PAH
 CHECKED BY: KDM
 DATE: 29 FEB 2024
 SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
 LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P017 of P070

See Project Description for Additional Information



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION



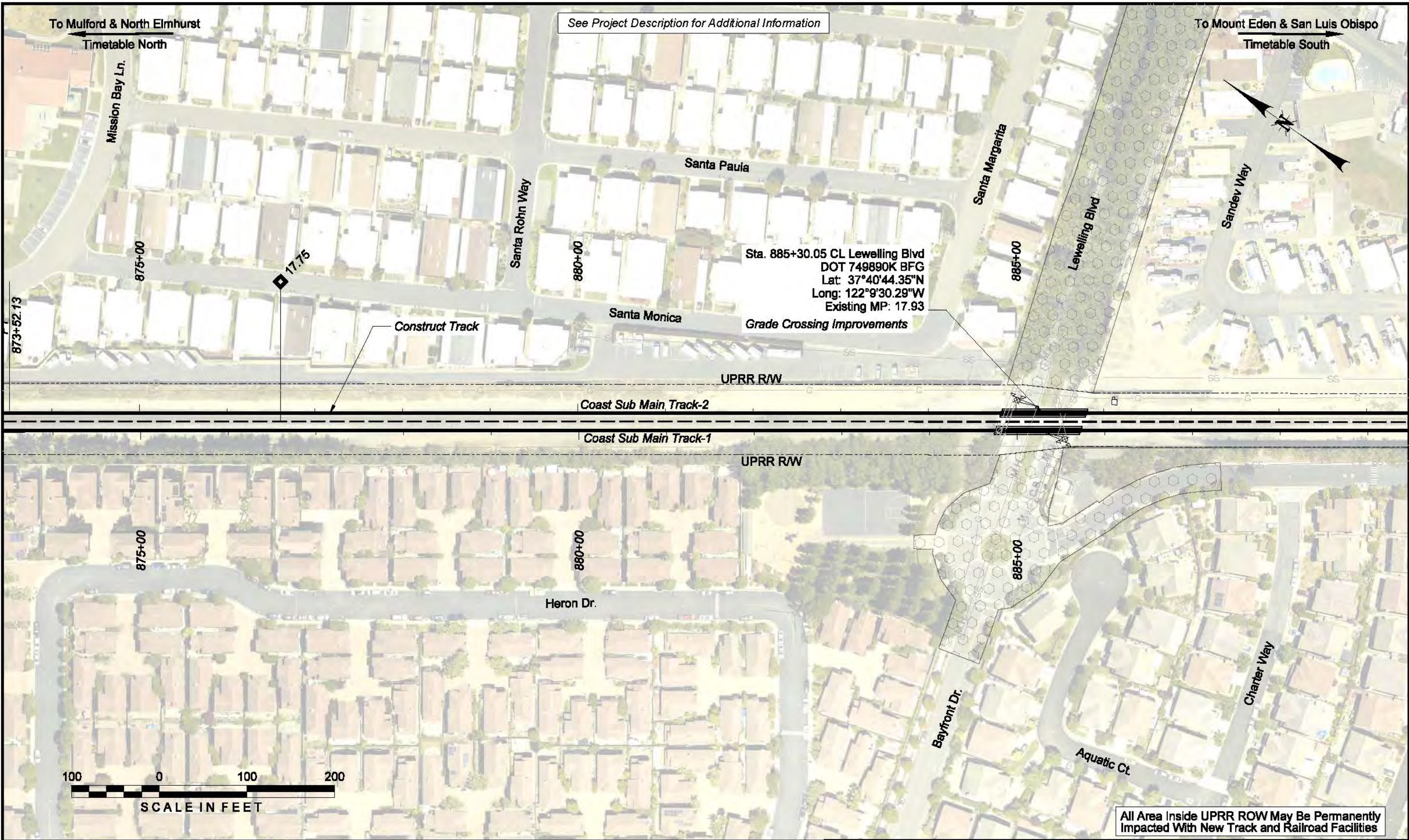
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KDM
DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P018 of P070

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3/5/2024



Legend			
	Roadway Improvement - Temporary		New Rail and Station Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary		New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements In Water Disturbance Area - Temporary		Proposed Track
	Utility Improvement - Temporary		Existing Track
	Structure Improvements In Water Disturbance Area - Permanent		Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION

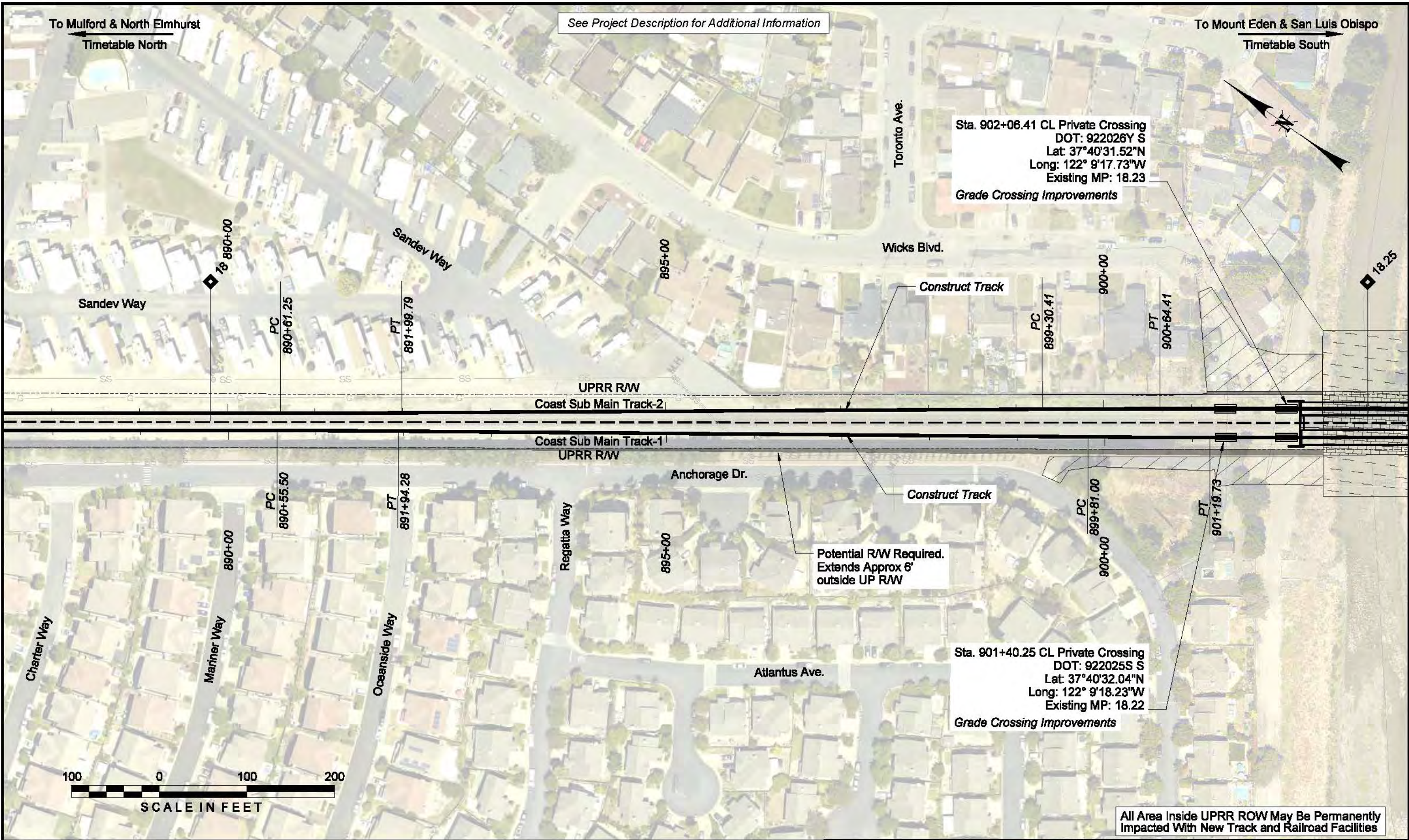


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DATE: 29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION: CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E P019 of P070

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See Project Description for Additional Information



Sta. 902+06.41 CL Private Crossing
 DOT: 922026Y S
 Lat: 37°40'31.52"N
 Long: 122° 9'17.73"W
 Existing MP: 18.23
 Grade Crossing Improvements

Sta. 901+40.25 CL Private Crossing
 DOT: 922025S S
 Lat: 37°40'32.04"N
 Long: 122° 9'18.23"W
 Existing MP: 18.22
 Grade Crossing Improvements

Potential RW Required.
 Extends Approx 6'
 outside UP RW

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	Structure Improvements In Water Disturbance Area - Permanent	

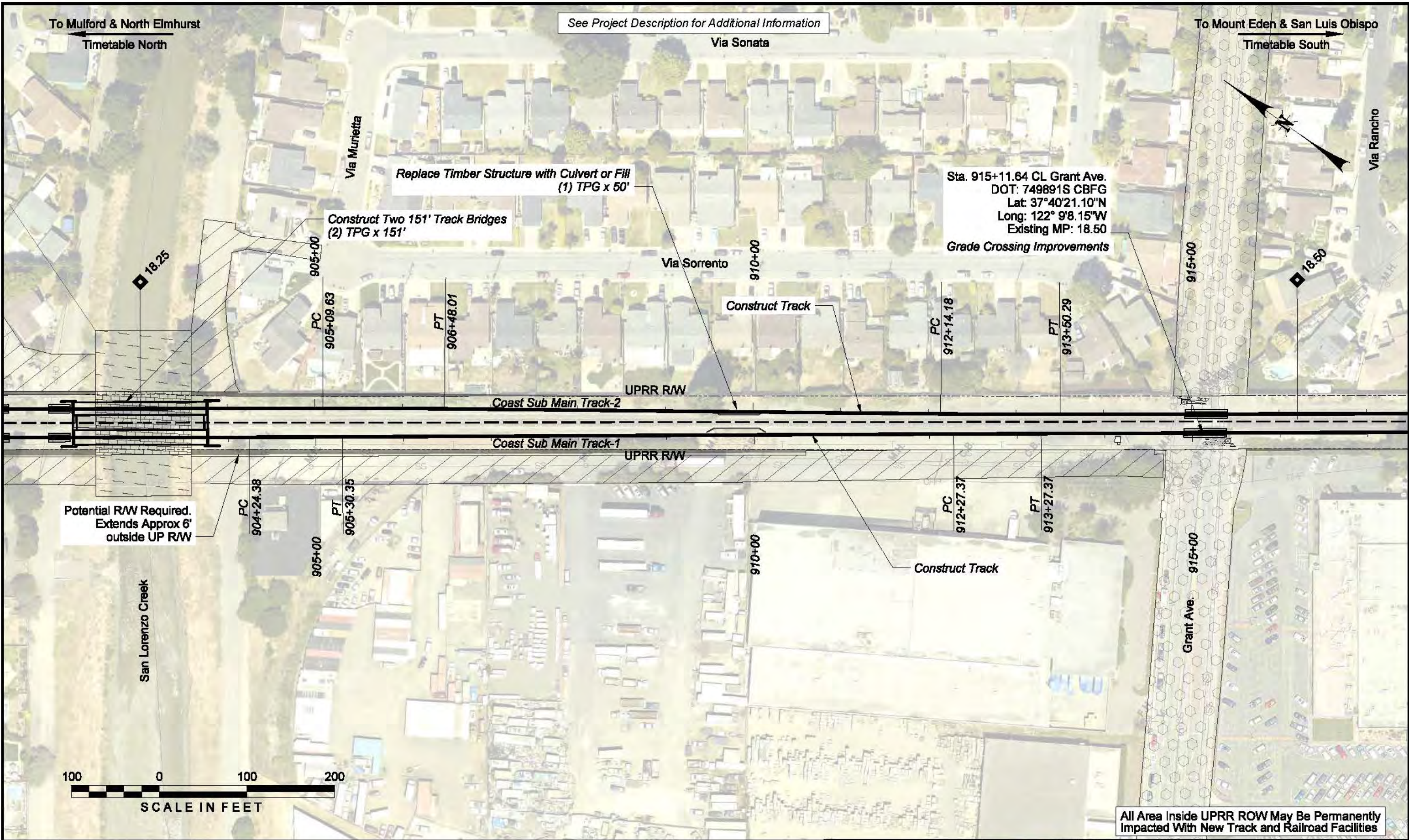
PRELIMINARY
 NOT FOR CONSTRUCTION



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PAH
 CHECKED BY:
KDM
 DATE:
29 FEB 2024
 SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
 LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P020 of P070

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 3/5/2024



Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	Structure Improvements In Water Disturbance Area - Permanent	

PRELIMINARY
NOT FOR CONSTRUCTION



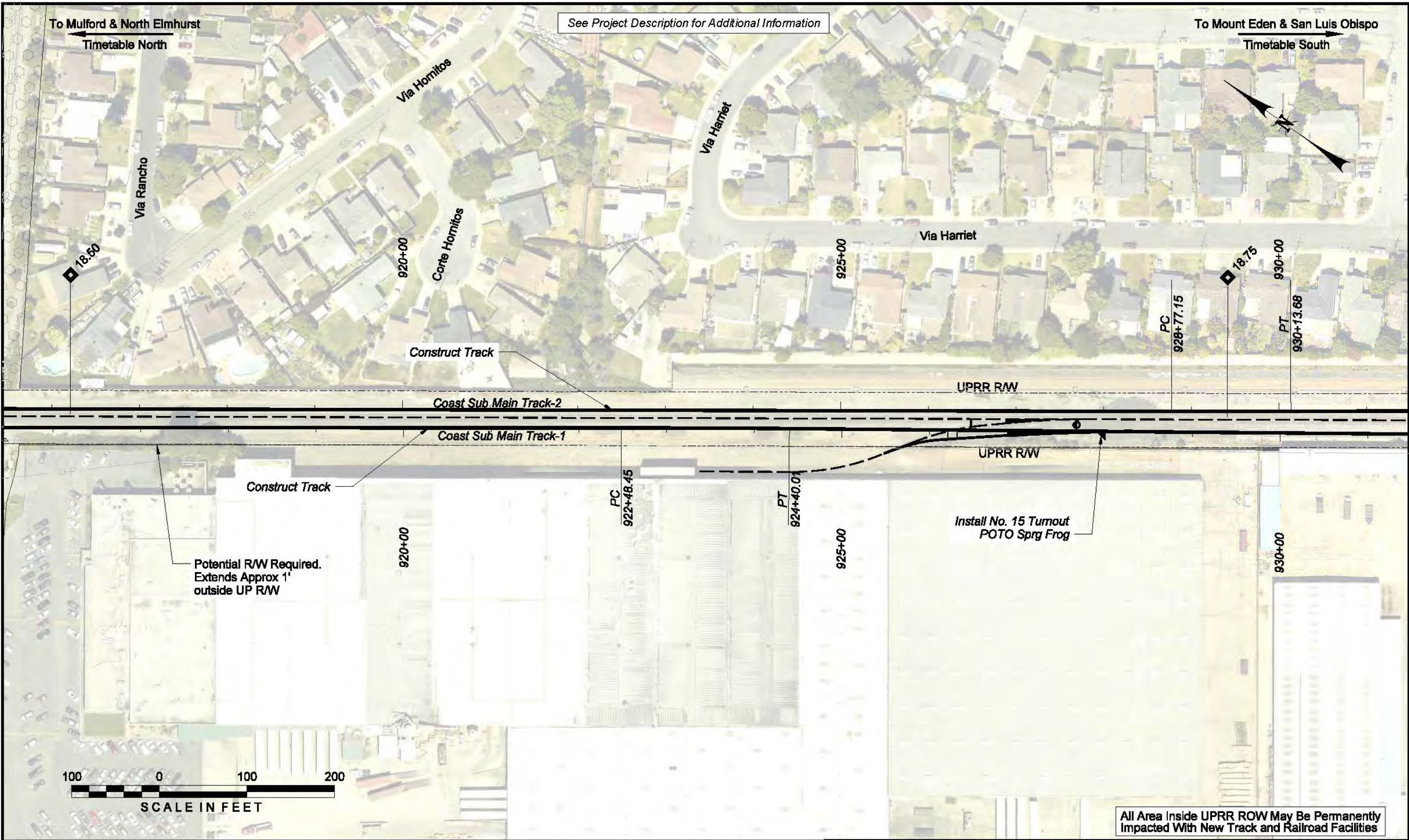
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 CHECKED BY: KDM
 DATE: 29 FEB 2024
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CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
 P021 of P070

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 3/5/2024
 Def: 2/15



See Project Description for Additional Information

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	

PRELIMINARY
NOT FOR CONSTRUCTION



DRAWN BY: PAH
 CHECKED BY: KDM
 DATE: 29 FEB 2024
 SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
 LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P022 of P070

See Project Description for Additional Information

To Mulford & North Elmhurst
Timetable North

To Mount Eden & San Luis Obispo
Timetable South

Via Amigos

Via Natal

Keller Ave.

Bandoni Ave.

Via Harriet

PT 930+13.68

935+00

PC 937+87.37

PT 939+22.95

940+00

945+00

Construct Track

UPRR R/W

Coast Sub Main Track-2

Coast Sub Main Track-1

UPRR R/W

Potential R/W Required.
Extends Approx 4'
outside UP R/W

PC 933+61.34

PT 935+09.15

Track 809

Install No. 15 Turnout
POTO Sprng Frog

Construct Two 45' Track Bridges
(2) TPG x 45'

930+00

Construct Track

935+00

Construct Track

940+00

945+00



SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement - Temporary
	Utility Improvement - Temporary
	New Rail and Station Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements In Water Disturbance Area - Temporary
	Structure Improvements In Water Disturbance Area - Permanent
	Proposed Track
	Existing Track
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



DRAWN BY:
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KDM
DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P023 of P070

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3/5/2024

See Project Description for Additional Information

To Mulford & North Elmhurst
Timetable North
Via Catherine

To Mount Eden & San Luis Obispo
Timetable South

Bandoni Ave.
945+00

San Lorenzo
Community
Center Park
950+00

955+00

Construct Two 31' Track Bridges
(2) TPG x 31'

19.25

Construct Track

Potential R/W Required.
Extends Approx 2'
outside UP R/W

Coast Sub Main Track-2

UPRR R/W

Coast Sub Main Track-1

UPRR R/W

Potential R/W Required.
Extends Approx 5'
outside UP R/W

Construct Track

945+00

950+00

955+00



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION



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29 FEB 2024
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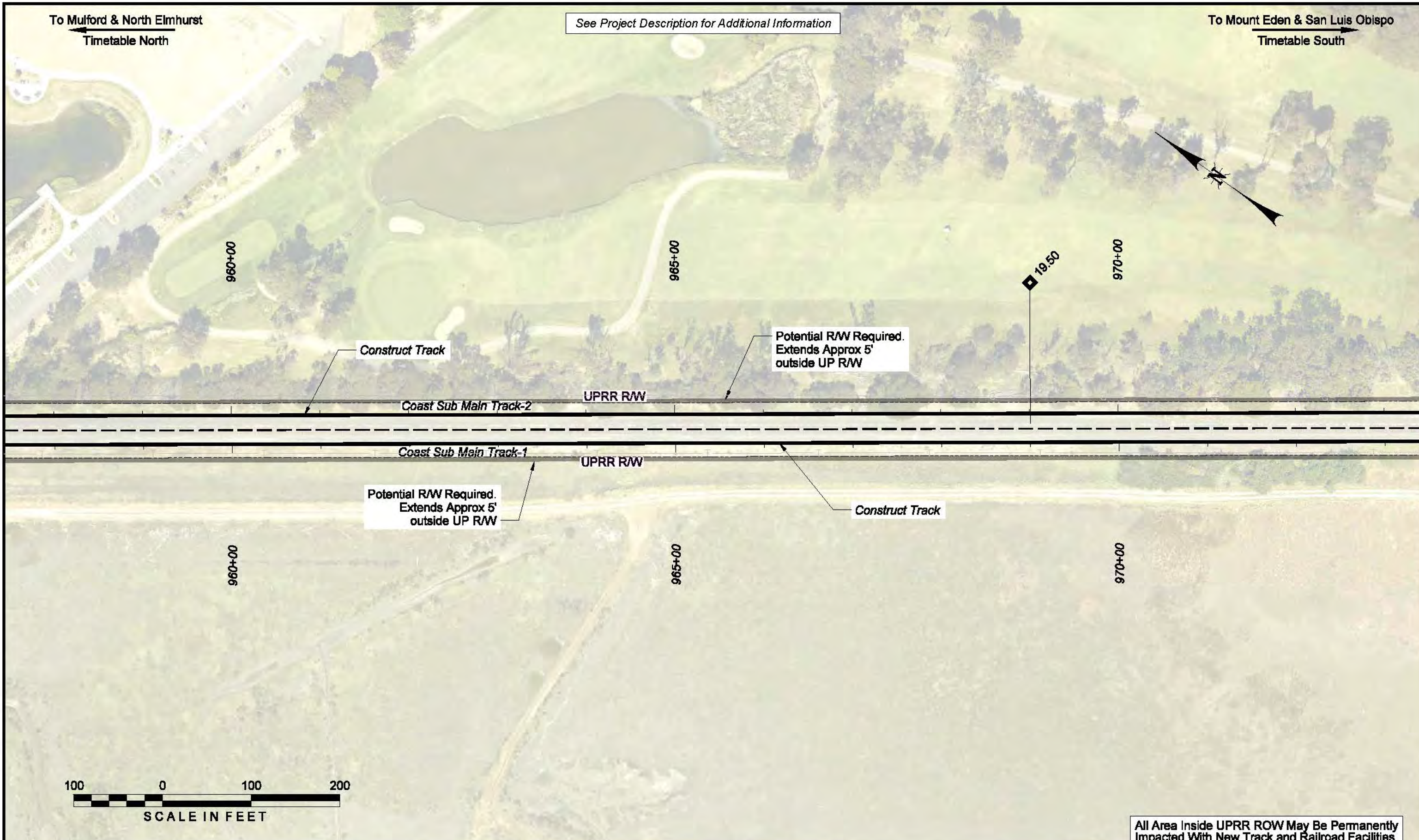
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LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P024 of P070

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To Mulford & North Elmhurst
Timetable North

See Project Description for Additional Information

To Mount Eden & San Luis Obispo
Timetable South



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All Area Inside UPRR R/W May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	Structure Improvements In Water Disturbance Area - Permanent	

PRELIMINARY
NOT FOR CONSTRUCTION



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DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P025 of P070

To Mulford & North Elmhurst
Timetable North

See Project Description for Additional Information

To Mount Eden & San Luis Obispo
Timetable South



975+00

980+00

985+00

Potential R/W Required.
Extends Approx 5'
outside UP R/W

Construct Track

Sulphur Creek

Install Turnout No. 15
POTO Sprg Frog

Coast Sub Main Track-2

UPRR R/W

Coast Sub Main Track-1

UPRR R/W

Potential R/W Required.
Extends Approx 5'
outside UP R/W

Construct Track

Construct Two 22' Track Bridges
(2) TPG x 22'

975+00

980+00

985+00

PI
984+25.93



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	

PRELIMINARY
NOT FOR CONSTRUCTION



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KDM

DATE:
29 FEB 2024

SHEET TITLE:

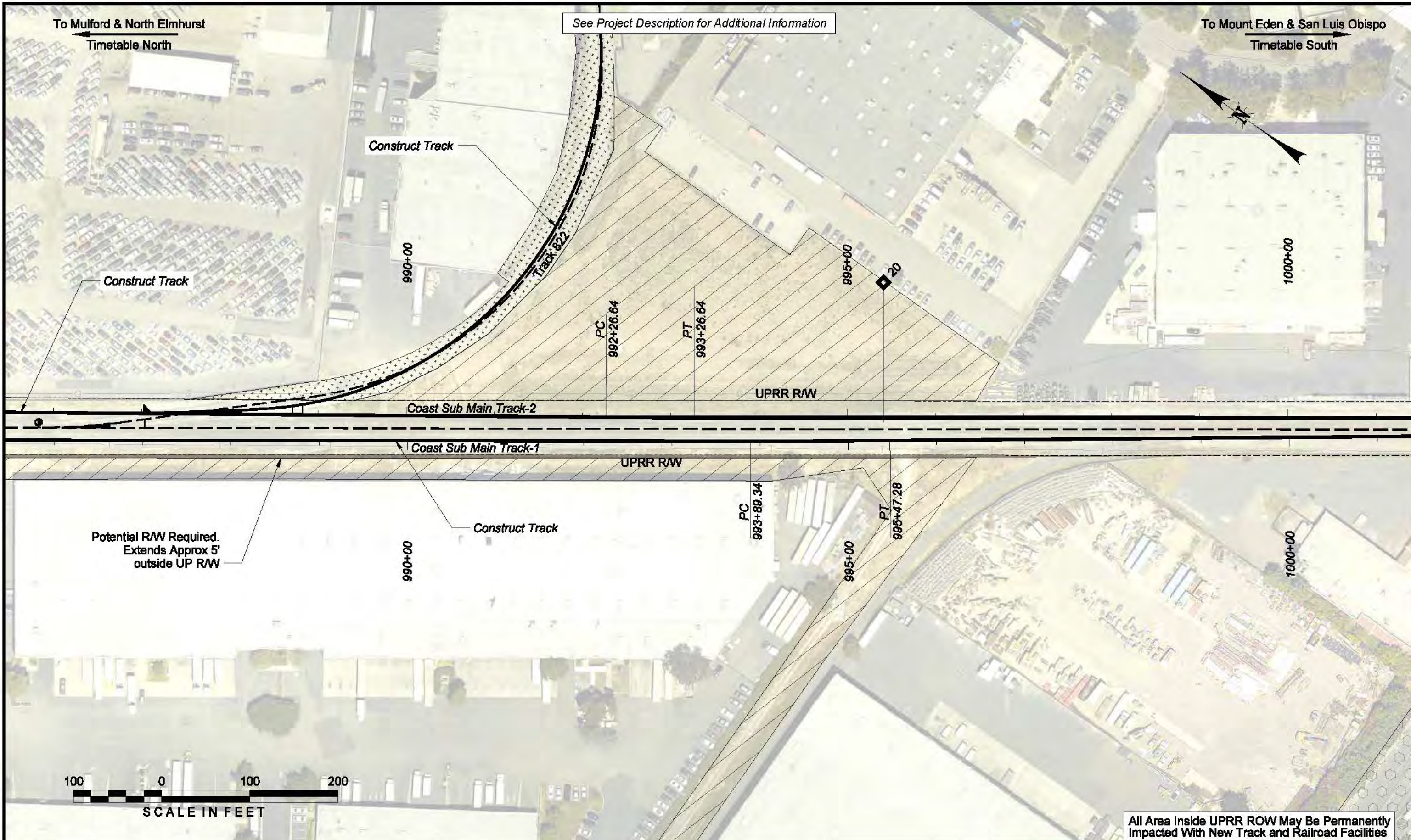
CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
P028 of P070

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 2/5/2024



See Project Description for Additional Information

Construct Track

Construct Track

To Mount Eden & San Luis Obispo
Timetable South

To Mulford & North Elmhurst
Timetable North

990+00

Track 822

995+00

1000+00

PC
992+26.64

PT
993+26.64

UPRR R/W

Coast Sub Main Track-2

Coast Sub Main Track-1

UPRR R/W

Potential R/W Required.
Extends Approx 5'
outside UP R/W

Construct Track

990+00

PC
993+89.34

PT
995+47.28

1000+00

100 0 100 200

SCALE IN FEET

All Area Inside UPRR R/W May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION

HNTB



Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements in Water Disturbance Area - Temporary	

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DATE:	29 FEB 2024
SHEET TITLE:	Alternative E P027 of P070

CCJPA - SOUTH BAY CONNECT	
LOCATION & DESCRIPTION:	
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA	
COAST SUBDIVISION - MP 13.47 TO MP 31.92	

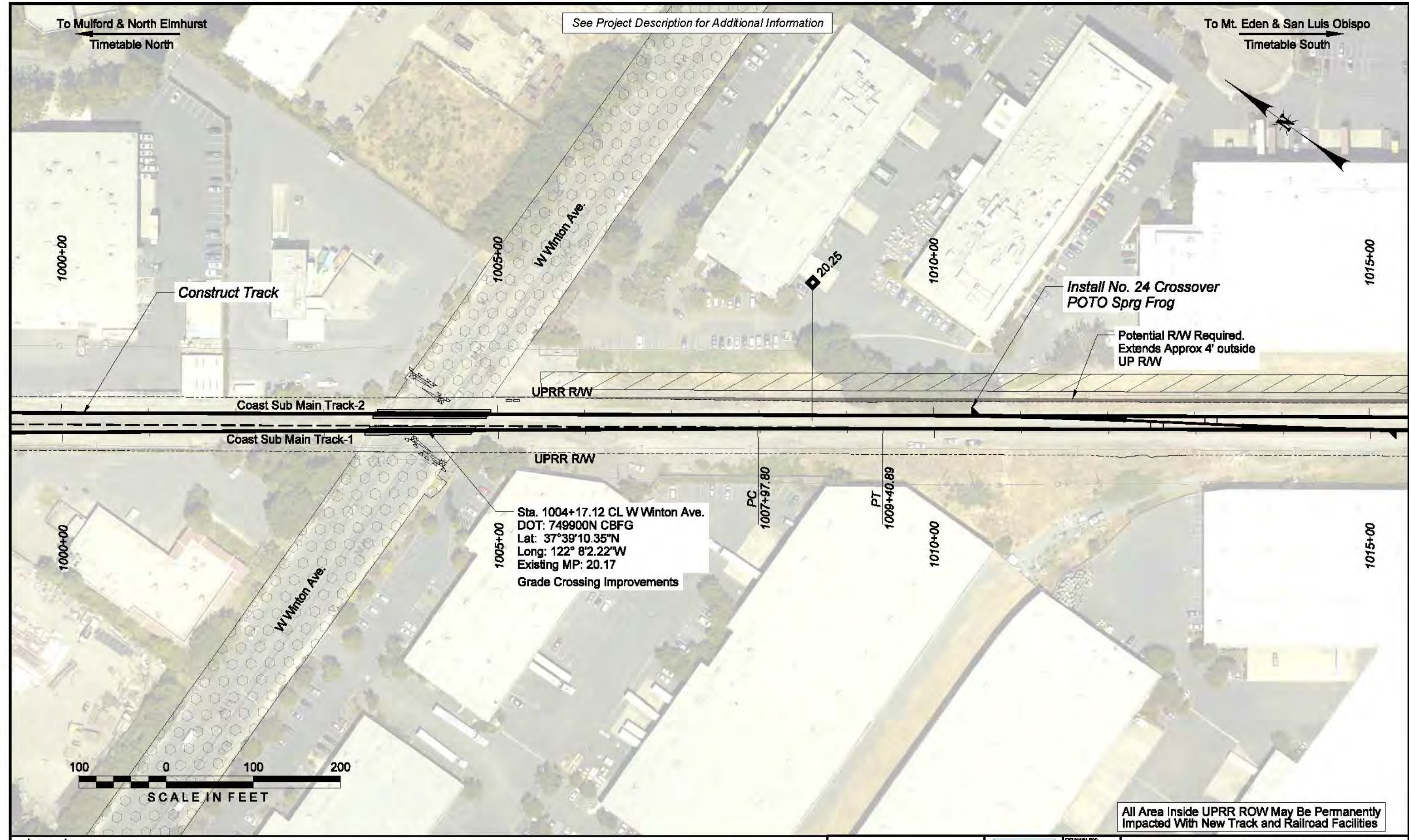
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See Project Description for Additional Information

To Mulford & North Elmhurst
 Timetable North

To Mt. Eden & San Luis Obispo
 Timetable South



SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
[Pattern]	Roadway Improvement - Temporary
[Pattern]	Construction Staging and Easements Area - Temporary
[Pattern]	Structure Improvements In Water Disturbance Area - Temporary
[Pattern]	Utility Improvement - Temporary
[Pattern]	New Rail and Station Construction Disturbance Area - Temporary
[Pattern]	Structure Improvements In Water Disturbance Area - Permanent
[Pattern]	New Rail and Station Disturbance Area - Permanent
[Pattern]	Proposed Track
[Pattern]	Existing Track
[Pattern]	Existing UPRR ROW

PRELIMINARY
 NOT FOR CONSTRUCTION



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DATE:	29 FEB 2024
SHEET TITLE:	

CCJPA - SOUTH BAY CONNECT	
LOCATION & DESCRIPTION:	
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA	
COAST SUBDIVISION - MP 13.47 TO MP 31.92	
Alternative E	
P028 of P070	

To Mulford & North Elmhurst
Timetable North

See Project Description for Additional Information

To Mt. Eden & San Luis Obispo
Timetable South

1015+00

1020+00

1025+00

Install No. 24 Crossover
POTO Sprg Frog

Potential R/W Required.
Extends Approx 5'
outside UP R/W

20.50

Construct Track

Coast Sub Main Track-2

UPRR R/W

Coast Sub Main Track-1

UPRR R/W

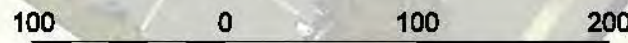
Track 132

1015+00

1020+00

1025+00

Install No. 15 Turnout
POTO Sprg Frog



SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION



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CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P029 of P070

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3/5/2024

To Mt. Eden & North Elmhurst
Timetable North

See Project Description for Additional Information

To Baumberg & San Luis Obispo
Timetable South

American Ave.

Potential RW Required.
Extends Approx 5'
outside UP RW

Construct Track

Existing Culvert to be Extended

Hayward Landing Canal

Coast Sub Main Track-2

UPRR R/W

Coast Sub Main Track-1

Track 132

UPRR R/W

1030+00

1035+00

1040+00

Track 873

Track 876



SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend

- Roadway Improvement - Temporary
- Construction Staging and Easements Area - Temporary
- Structure Improvements In Water Disturbance Area - Temporary
- Utility Improvement - Temporary
- New Rail and Station Construction Disturbance Area - Temporary
- Structure Improvements In Water Disturbance Area - Permanent
- New Rail and Station Disturbance Area - Permanent
- Proposed Track
- Existing Track
- Existing UPRR ROW

PRELIMINARY

NOT FOR CONSTRUCTION



DRAWN BY: PAH
CHECKED BY: KDM
DATE: 29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
P030 of P070

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To Mt. Eden & North Elmhurst
Timetable North

See Project Description for Additional Information

To Baumberg & San Luis Obispo
Timetable South

1045+00

1050+00

1055+00

21

Potential R/W Required.
Extends Approx 7'
outside UP R/W

Construct Track

Coast Sub Main Track-2

UPPR R/W

Coast Sub Main Track-1

Track 132

UPPR R/W

Track 876

1045+00

1050+00

1055+00

Track 880



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	Structure Improvements In Water Disturbance Area - Permanent	

PRELIMINARY
NOT FOR CONSTRUCTION



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PAH
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KDM
DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92

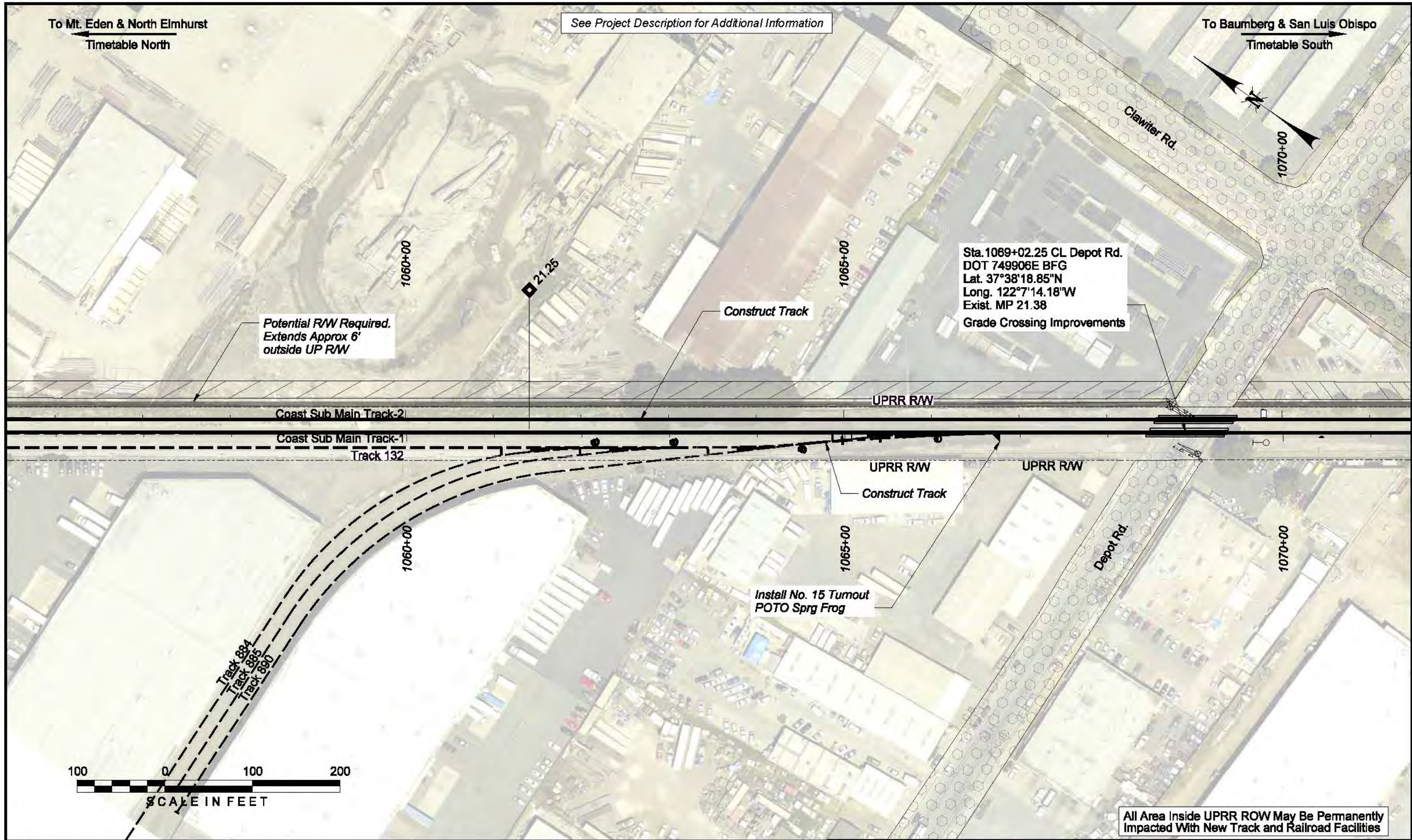
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P031 of P070

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To Mt. Eden & North Elmhurst
Timetable North

See Project Description for Additional Information

To Baumberg & San Luis Obispo
Timetable South



Potential RW Required.
Extends Approx 6'
outside UP RW

Sta. 1069+02.25 CL Depot Rd.
DOT 749906E BFG
Lat. 37°38'18.85"N
Long. 122°7'14.18"W
Exist. MP 21.38
Grade Crossing Improvements

Install No. 15 Turnout
POTO Sprg Frog

All Area Inside UPRR ROW May Be Permanently
Impacted With New Track and Railroad Facilities



Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	

PRELIMINARY
NOT FOR CONSTRUCTION



DRAWN BY:
PAH
CHECKED BY:
KDM
DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P032 of P070

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 Def: p015
 3/5/2024

To Mt. Eden & North Elmhurst
Timetable North

See Project Description for Additional Information

To Baumberg & San Luis Obispo
Timetable South

Depot Rd.

1070+00

21.50
1075+00

1080+00

1085+00

Potential RW Required.
Extends Approx 5'
outside UP RW

Construct Track

UPRR RW

Coast Sub Main Track-2

Coast Sub Main Track-1

UPRR RW

1070+00

Sta. 1073+31.26 CL Clawiter Rd.
DOT 749907L BRG
Lat. 37°38'15.45"N
Long. 122°7'11.00"W
Exist MP 21.47

Grade Crossing Improvements

1075+00

Clawiter Rd.

1080+00

1085+00

100 0 100 200

SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently
Impacted With New Track and Railroad Facilities

Legend

- Roadway Improvement - Temporary
- Utility Improvement - Temporary
- New Rail and Station Disturbance Area - Permanent
- Proposed Track
- Existing Track
- Existing UPRR ROW
- Construction Staging and Easements Area - Temporary
- New Rail and Station Construction Disturbance Area - Temporary
- Structure Improvements In Water Disturbance Area - Temporary
- Structure Improvements In Water Disturbance Area - Permanent

PRELIMINARY

NOT FOR CONSTRUCTION

HNTB



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PAH
CHECKED BY:
KDM
DATE:
29 FEB 2024
SHEET TITLE:

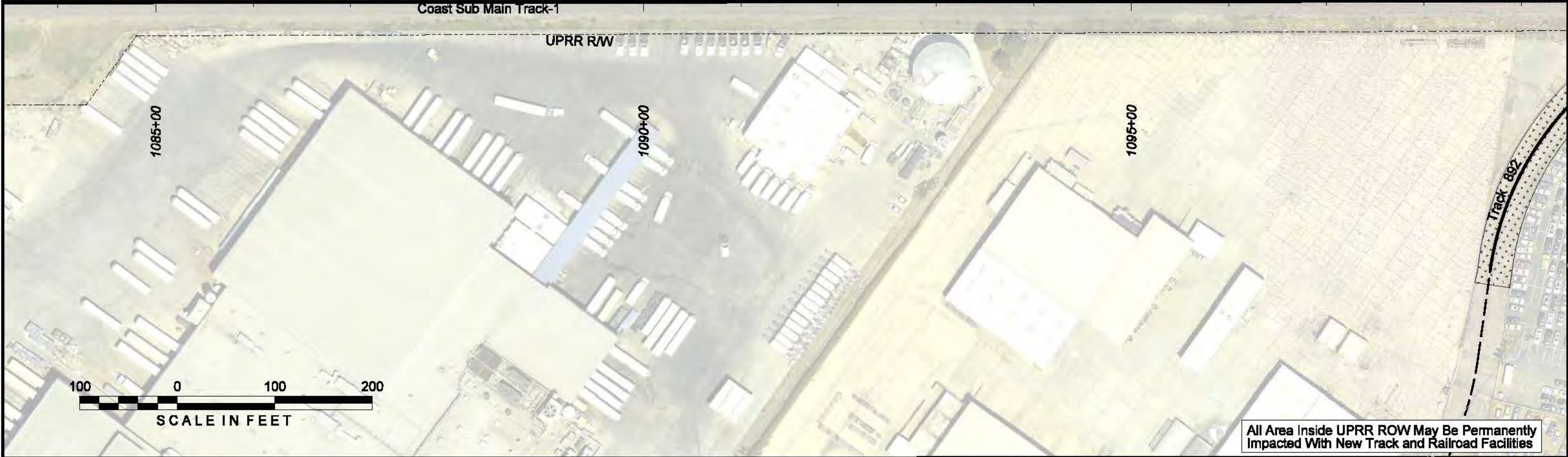
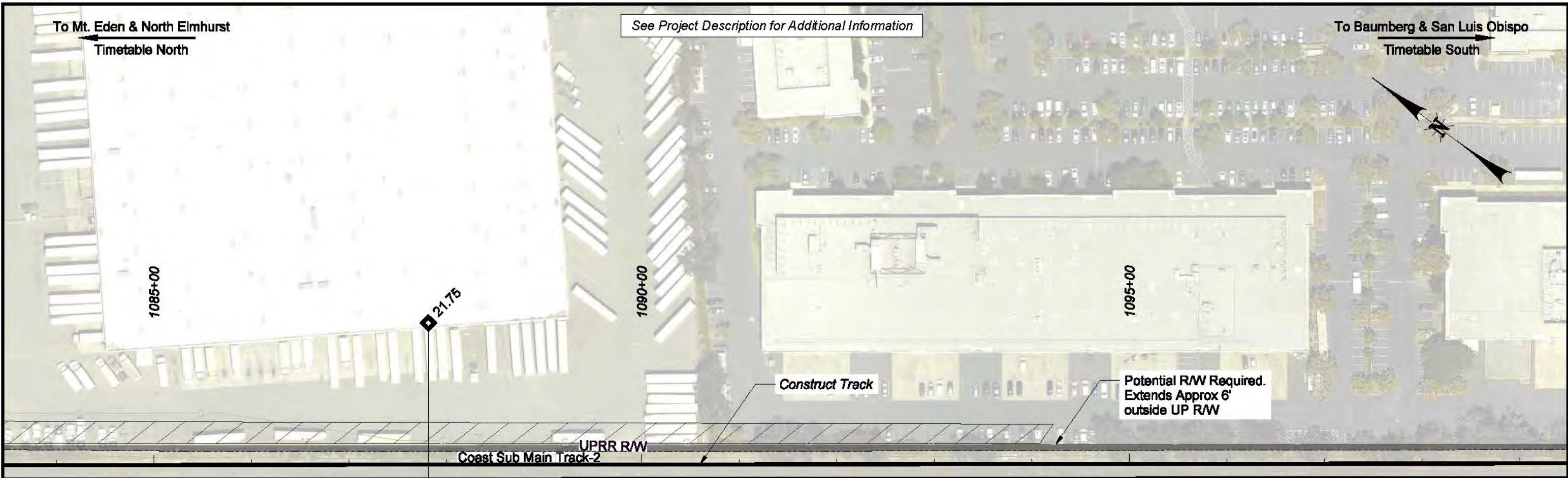
CCJPA - SOUTH BAY CONNECT

LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
P033 of P070

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3/5/2024

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 3/5/2024
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 CCJPA - SOUTH BAY CONNECT
 LOCATION & DESCRIPTION: CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 PRELIMINARY NOT FOR CONSTRUCTION
 HNTB
 CAPITOL CORRIDOR
 See Project Description for Additional Information
 To Mt. Eden & North Elmhurst Timetable North
 To Baumberg & San Luis Obispo Timetable South
 Construct Track
 Potential R/W Required. Extends Approx 6' outside UP R/W
 UPRR R/W
 Coast Sub Main Track-2
 Coast Sub Main Track-1
 UPRR R/W
 1085+00
 1090+00
 1095+00
 1085+00
 1090+00
 1095+00
 Track 892
 100 0 100 200
 SCALE IN FEET
 All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities
 Legend
 Roadway Improvement - Temporary
 Construction Staging and Easements Area - Temporary
 Structure Improvements In Water Disturbance Area - Temporary
 Utility Improvement - Temporary
 New Rail and Station Construction Disturbance Area - Temporary
 Structure Improvements In Water Disturbance Area - Permanent
 New Rail and Station Disturbance Area - Permanent
 Proposed Track
 Existing Track
 Existing UPRR ROW

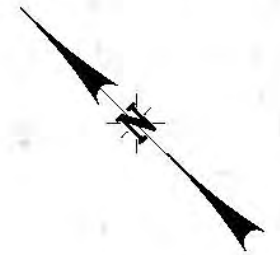


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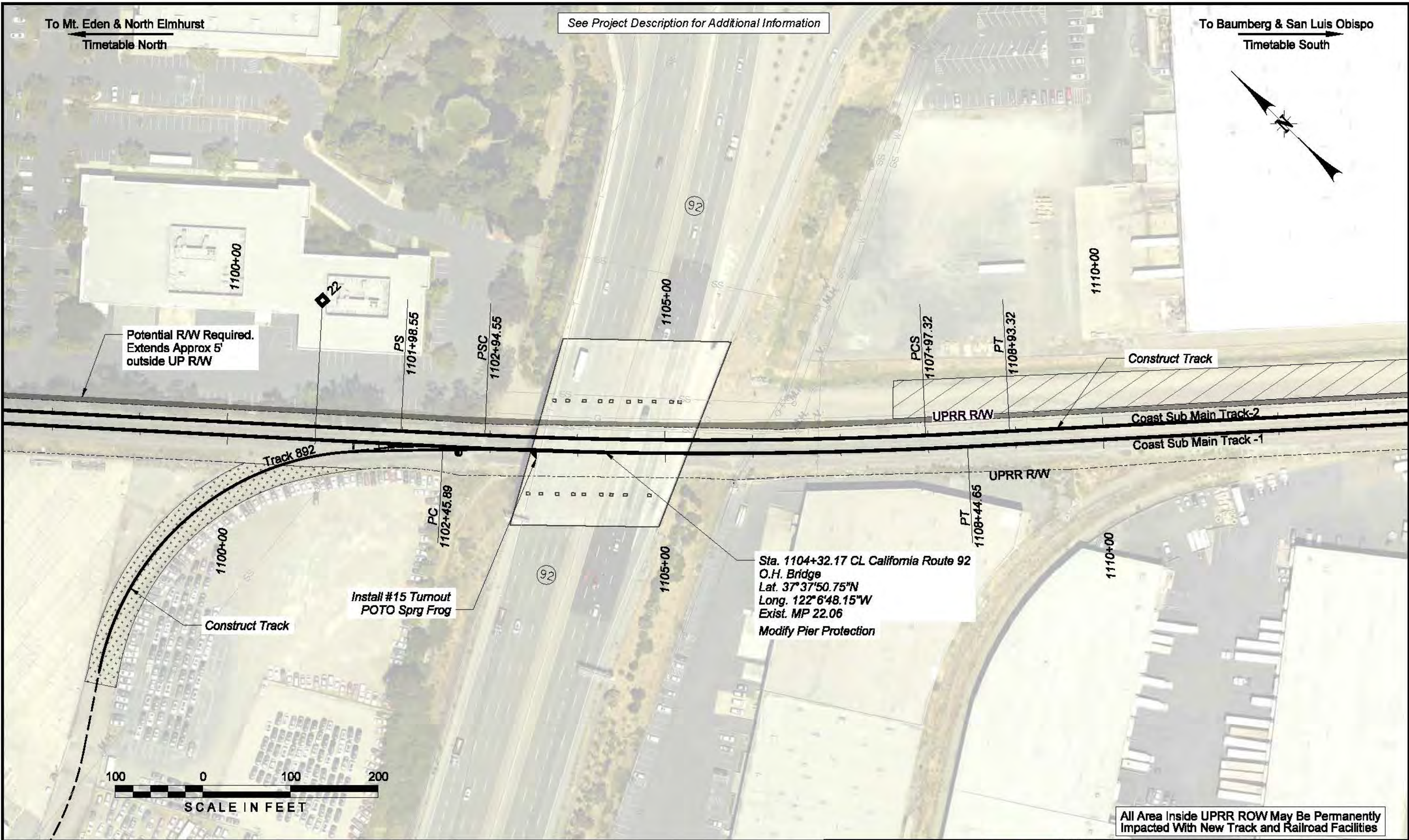
To Mt. Eden & North Elmhurst
Timetable North

See Project Description for Additional Information

To Baumberg & San Luis Obispo
Timetable South



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3/5/2024



Potential R/W Required.
Extends Approx 5'
outside UP R/W

Sta. 1104+32.17 CL California Route 92
O.H. Bridge
Lat. 37°37'50.75"N
Long. 122°6'48.15"W
Exist. MP 22.06
Modify Pier Protection



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	

PRELIMINARY
NOT FOR CONSTRUCTION



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KDM
DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P035 of P070

To Mt. Eden & North Elmhurst
Timetable North

See Project Description for Additional Information

To Baumberg & San Luis Obispo
Timetable South

22.25

1115+00

1120+00

1125+00

22.50

Potential RW Required.
Extends Approx 5'
outside UP RW

Construct Track

Coast Sub Main Track-2

UPRR RW

Coast Sub Main Track-1

UPRR RW

1115+00

1120+00

1125+00

100 0 100 200

SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently
Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	Structure Improvements In Water Disturbance Area - Permanent	

PRELIMINARY
NOT FOR CONSTRUCTION

HNTB



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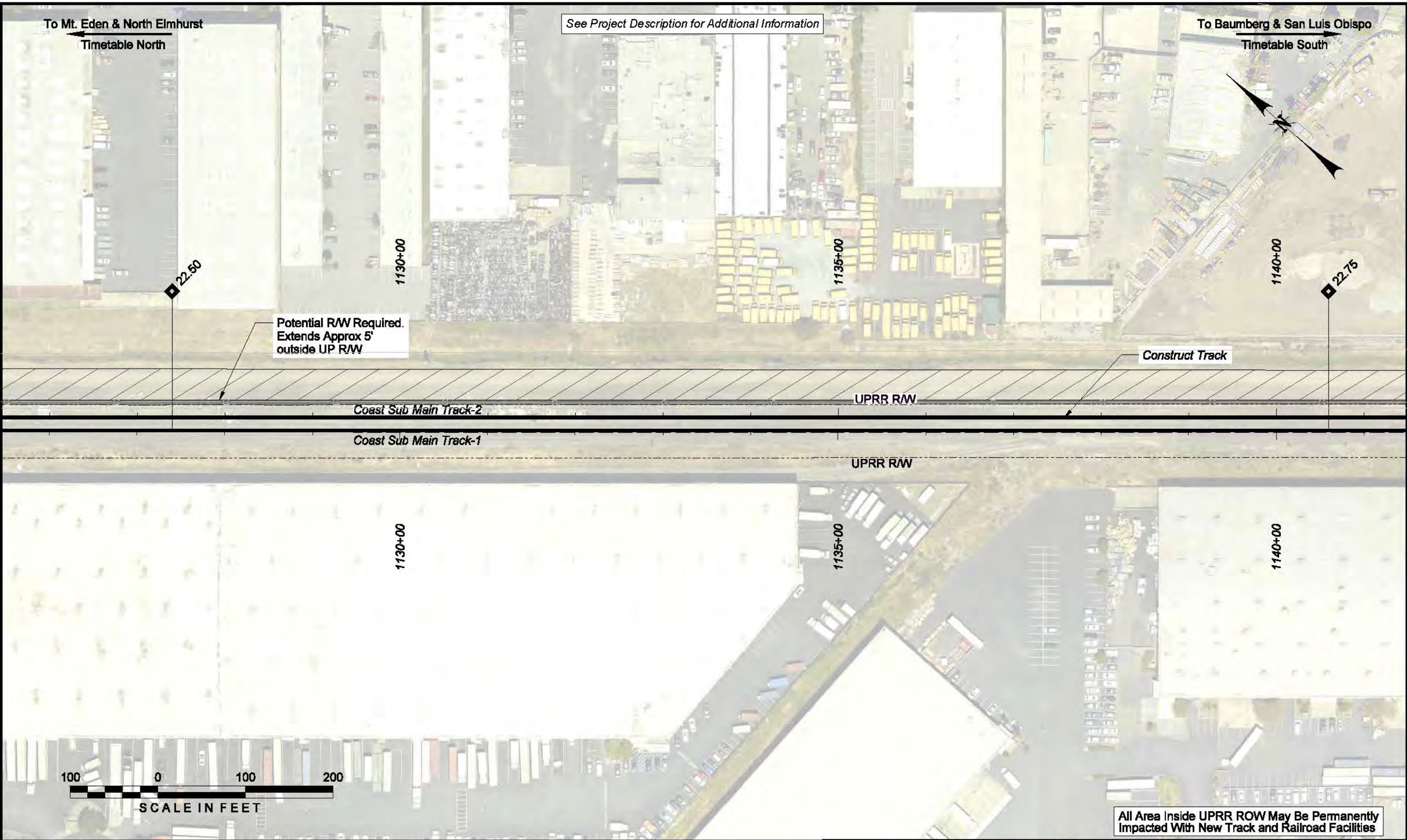
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LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
P036 of P070

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See Project Description for Additional Information

Potential R/W Required.
Extends Approx 5'
outside UP R/W

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements in Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	

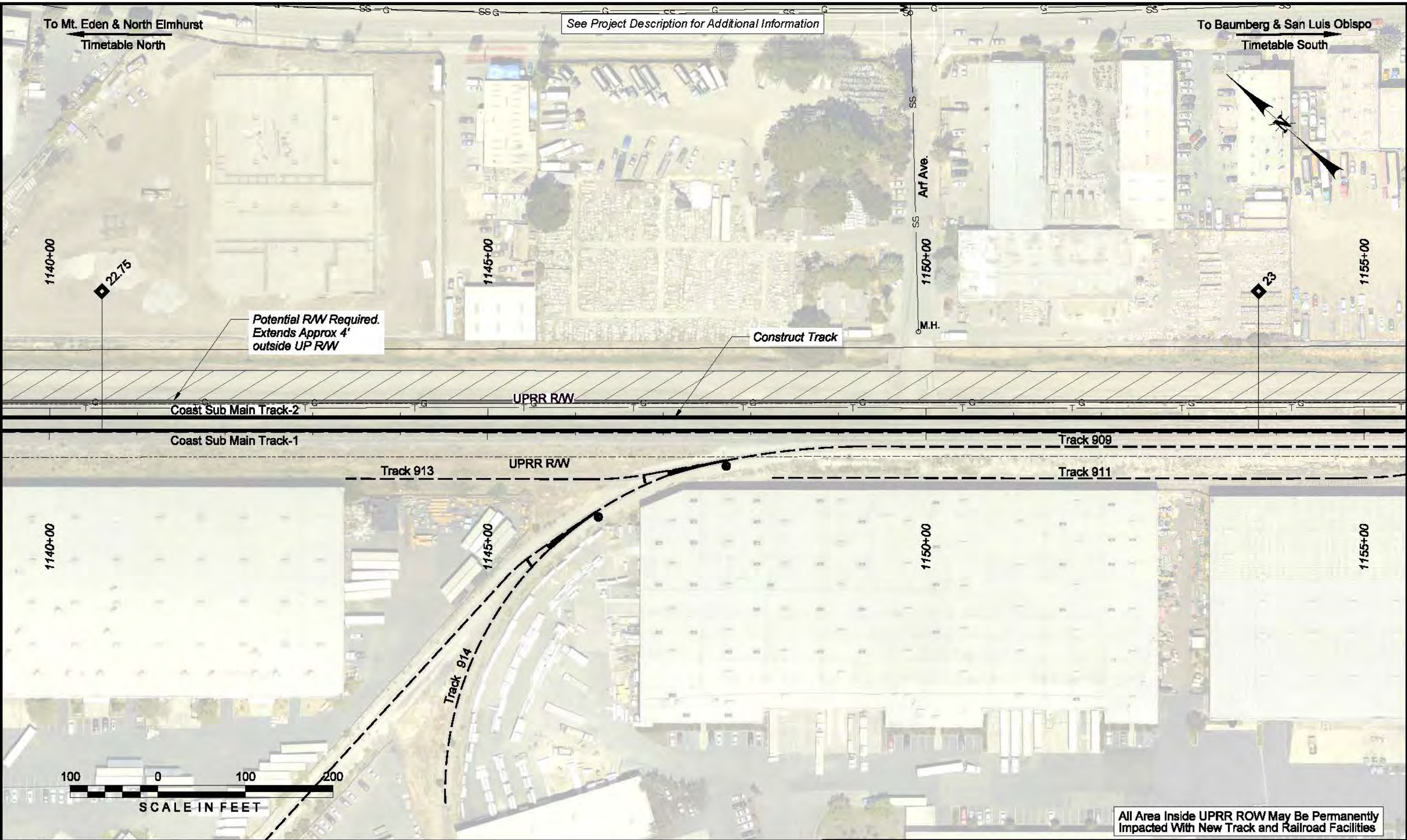
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 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P037 of P070

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 3/5/2024



See Project Description for Additional Information

Potential RW Required.
 Extends Approx 4'
 outside UP RW

Construct Track

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	
	Existing UPRR ROW	

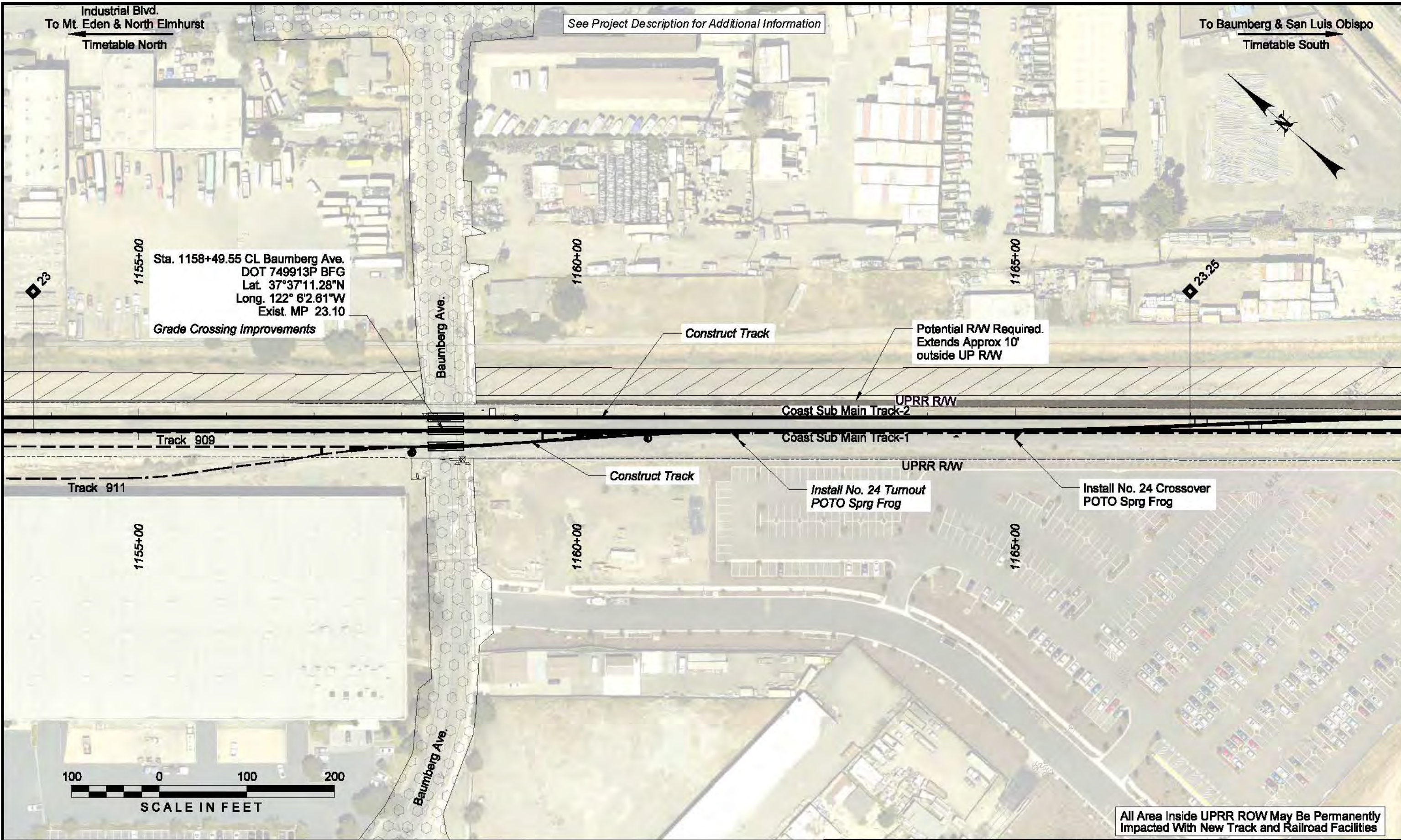
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 LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P038 of P070

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All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend		
Roadway Improvement - Temporary	Utility Improvement - Temporary	New Rail and Station Disturbance Area - Permanent
Construction Staging and Easements Area - Temporary	New Rail and Station Construction Disturbance Area - Temporary	Proposed Track
Structure Improvements In Water Disturbance Area - Temporary	Structure Improvements In Water Disturbance Area - Permanent	Existing Track
		Existing UPRR ROW

PRELIMINARY

NOT FOR CONSTRUCTION

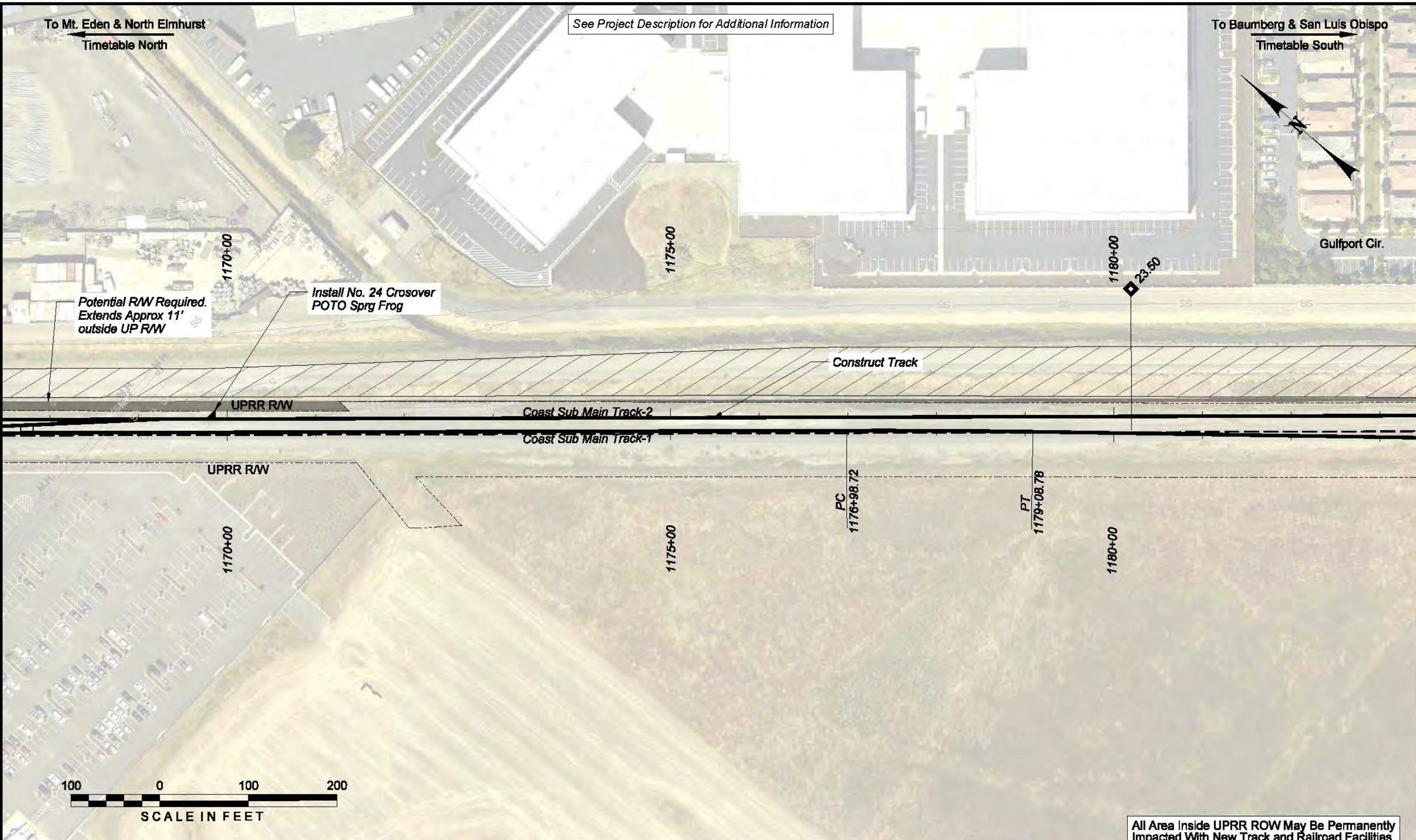


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SHEET TITLE:	Alternative E P039 of P070

See Project Description for Additional Information

To Mt. Eden & North Elmhurst
Timetable North

To Baumberg & San Luis Obispo
Timetable South



Gulfport Cir.

Construct Track

UPRR R/W

Coast Sub Main Track-2

Coast Sub Main Track-1

UPRR R/W

1170+00

1175+00

PC
1176+98.72

PT
1179+08.78

1180+00

100 0 100 200

SCALE IN FEET

All Area Inside UPRR R/W May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION



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DATE:
29 FEB 2024
SHEET TITLE:

CCJPA - SOUTH BAY CONNECT

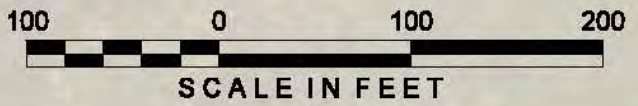
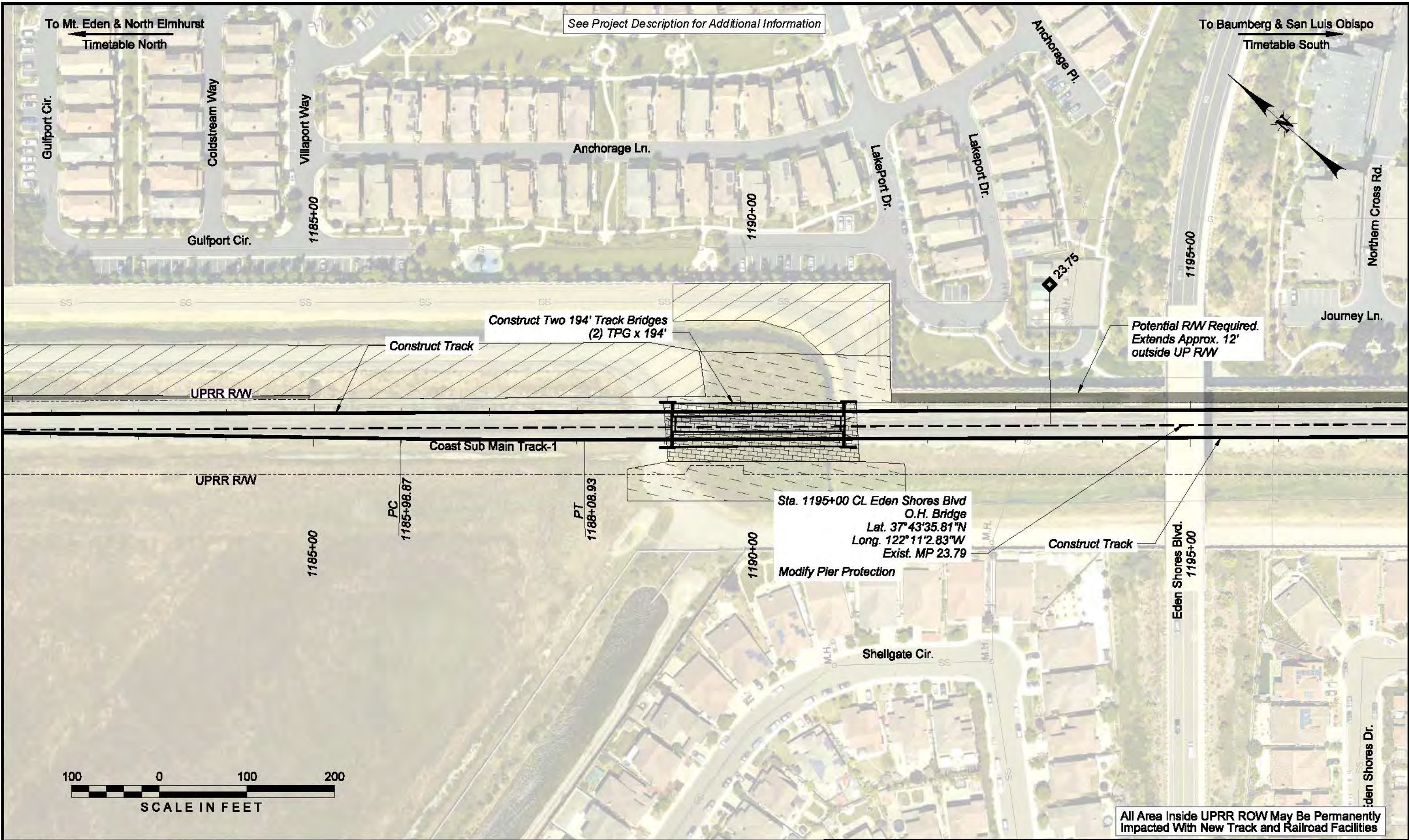
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COAST SUBDIVISION - MP 13.47 TO MP 31.92

Alternative E
P040 of P070

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3/5/2024

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See Project Description for Additional Information



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

PRELIMINARY
NOT FOR CONSTRUCTION



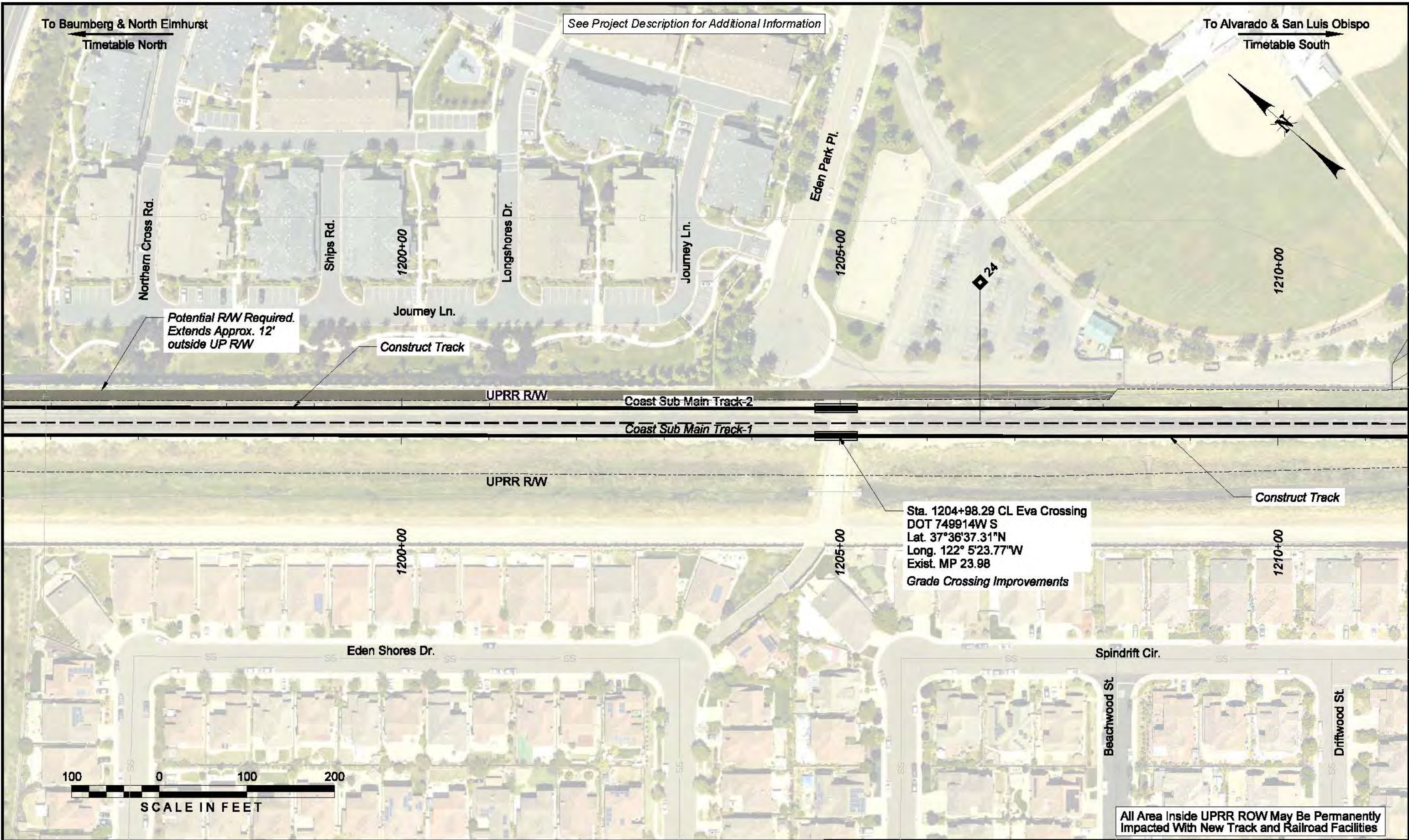
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See Project Description for Additional Information

To Baumberg & North Elmhurst
 Timetable North

To Alvarado & San Luis Obispo
 Timetable South



Potential ROW Required.
 Extends Approx. 12'
 outside UP ROW

Sta. 1204+98.29 CL Eva Crossing
 DOT 749914W S
 Lat. 37°36'37.31"N
 Long. 122° 5'23.77"W
 Exist. MP 23.98
 Grade Crossing Improvements

All Area Inside UPRR ROW May Be Permanently
 Impacted With New Track and Railroad Facilities

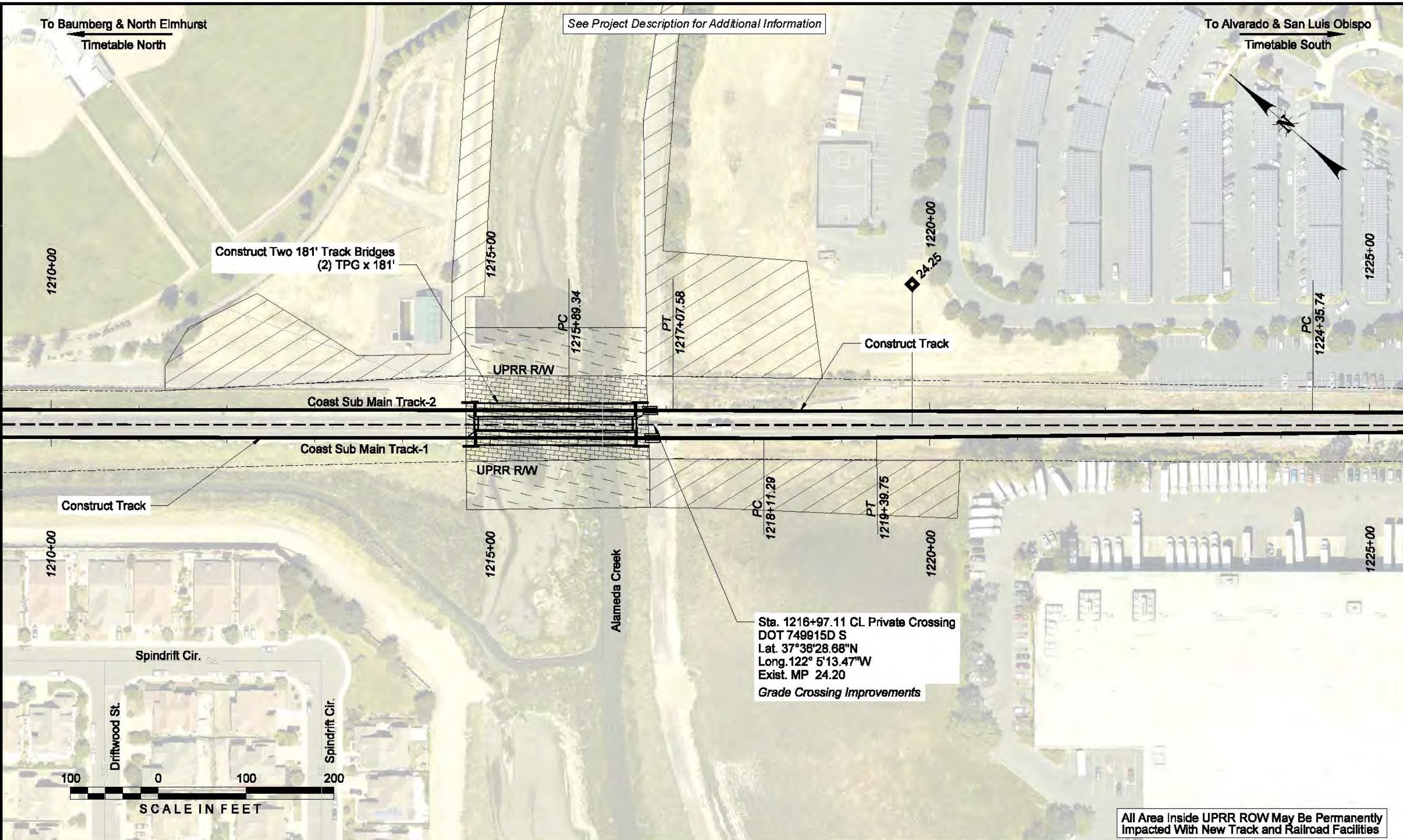
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	Roadway Improvement - Temporary	
	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	

PRELIMINARY
 NOT FOR CONSTRUCTION



DRAWN BY:
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 CHECKED BY:
 KDM
 DATE:
 29 FEB 2024
 SHEET TITLE:

CCJPA - SOUTH BAY CONNECT
 LOCATION & DESCRIPTION:
 CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.92
 Alternative E
 P042 of P070



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Legend		
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	Construction Staging and Easements Area - Temporary	
	Structure Improvements In Water Disturbance Area - Temporary	
	New Rail and Station Disturbance Area - Permanent	
	Existing Track	

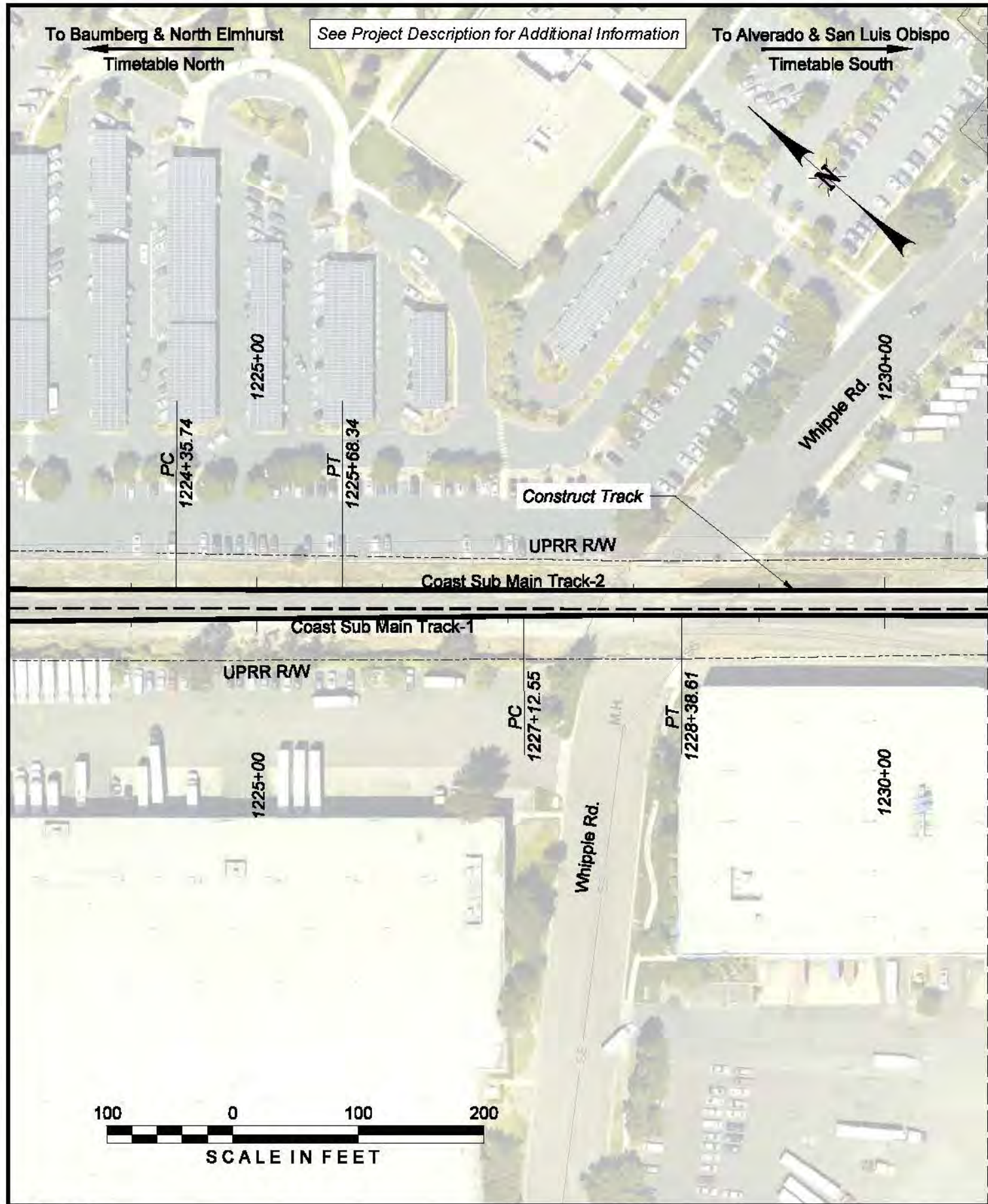
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LOCATION & DESCRIPTION:	
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3/5/2024



Sta 1230+77 Matchline - See South Segment Sheets

PRELIMINARY
NOT FOR CONSTRUCTION

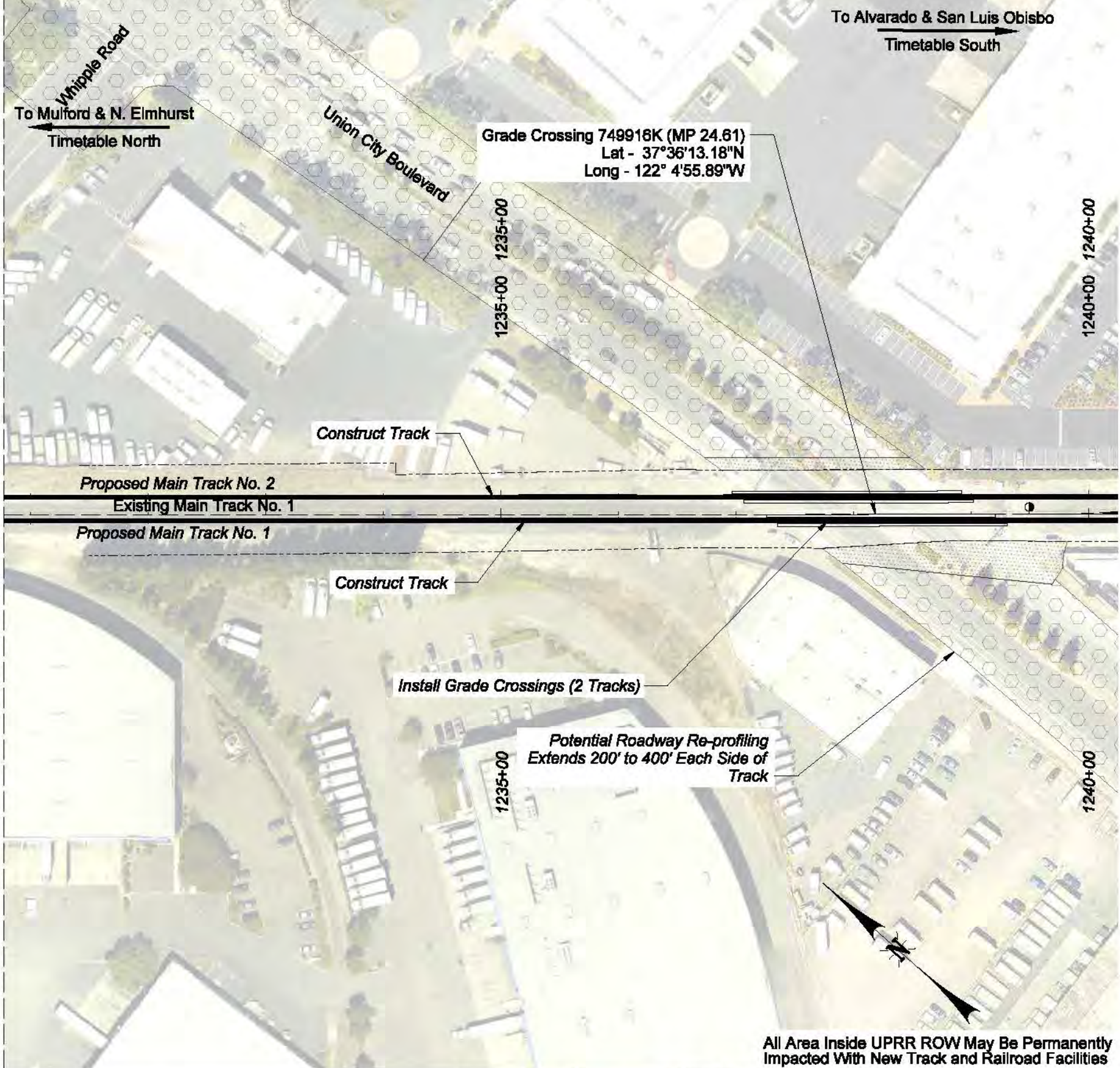


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CHECKED BY: KDM
DATE: 29 FEB 2024
SHEET TITLE:

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

CCJPA - SOUTH BAY CONNECT
LOCATION & DESCRIPTION:
CITIES OF OAKLAND, SAN LEANDRO, SAN LORENZO, & HAYWARD, CA
COAST SUBDIVISION - MP 13.47 TO MP 31.92
Alternative E
P044 of P070

See Project Description for Additional Information



Sta. 1230+77 Matchline - See North Segment Sheets

To Mulford & N. Elmhurst
Timetable North

To Alvarado & San Luis Obispo
Timetable South

Grade Crossing 749918K (MP 24.61)
Lat - 37°36'13.18"N
Long - 122° 4'55.89"W

Construct Track

Proposed Main Track No. 2

Existing Main Track No. 1

Proposed Main Track No. 1

Construct Track

Install Grade Crossings (2 Tracks)

Potential Roadway Re-profiling
Extends 200' to 400' Each Side of
Track



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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Legend	
	Roadway Improvement Temporary
	Construction Staging and Easements Area - Temporary
	Structures Improvements In Water Disturbance Area - Temporary
	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structures Improvements In Water Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



DRAWN BY: NAN
 CHECKED BY: NJB
 DATE: 29 FEB 2024
 SHEET TITLE: ALTERNATIVE E P045 of P070

CCJPA - SOUTH BAY CONNECT
 LOCATION & DESCRIPTION:
 CITIES OF HAYWARD, UNION CITY & FREMONT, CA
 COAST SUBDIVISION - MP 13.47 TO MP 31.76

See Project Description for Additional Information

To Mulford & N. Elmhurst
Timetable North

To Carter & San Luis Obispo
Timetable South

1240+00 1240+00
1245+00 1245+00
1250+00 1250+00
1255+00 1255+00

Ex. Bridge to be removed and backfilled

Construct Track

Proposed Main Track No. 2

Existing Main Track No. 1

Proposed Main Track No. 1

Industry Track

Construct Track

Construct Track

Install Turnout #11 Jump Frog

Ex. Bridge to be Backfilled

1240+00
Union City Boulevard

1245+00

1250+00

1255+00

100 0 100 200

SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement Temporary
	Utility Improvement - Temporary
	Construction Staging and Easements Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



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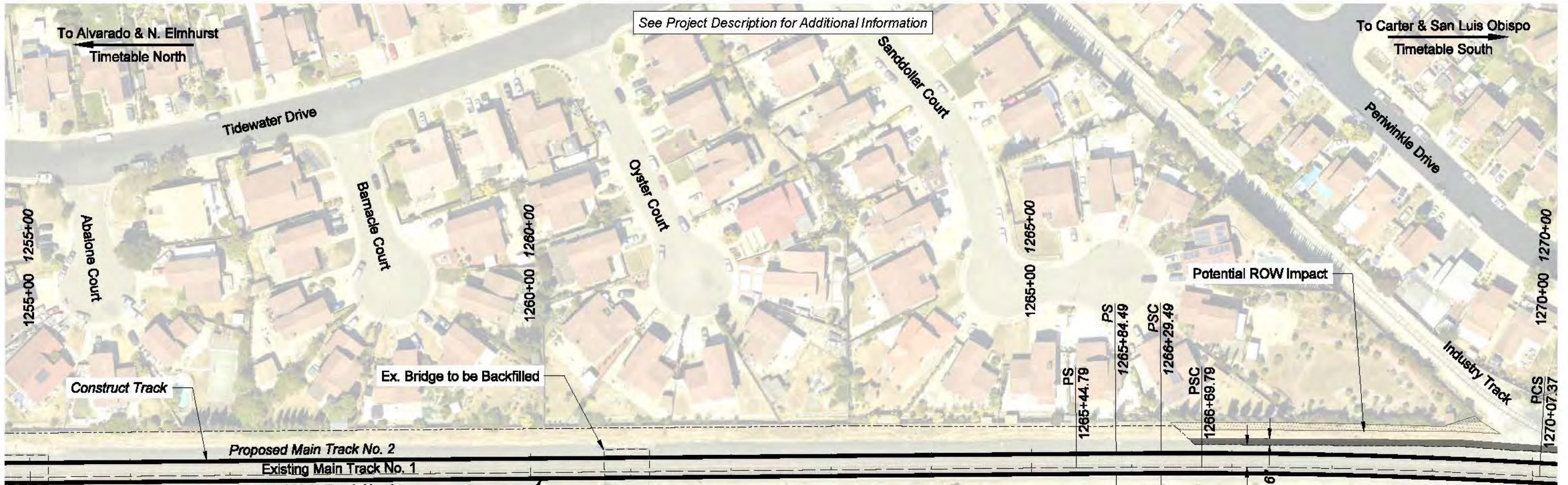
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See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

To Carter & San Luis Obispo
Timetable South



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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Legend	
	Roadway Improvement Temporary
	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Proposed Track
	Existing Mainline
	Structure Improvements In Water Disturbance Area - Temporary
	Structure Improvements In Water Disturbance Area - Permanent
	Existing UPRR ROW

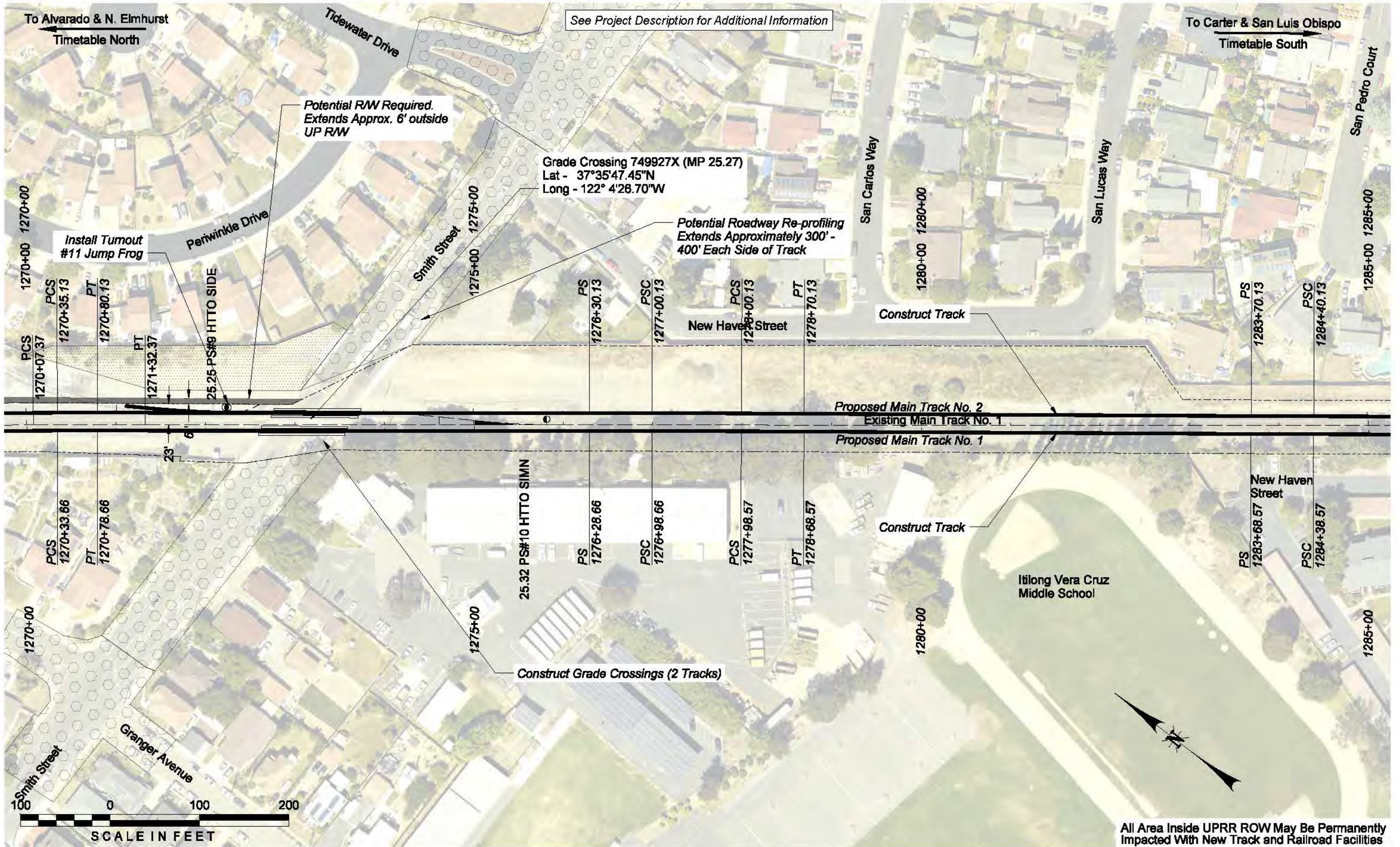
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 COAST SUBDIVISION - MP 13.47 TO MP 31.76
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 P047 of P070

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See Project Description for Additional Information

To Alvarado & N. Elmhurst
 Timetable North

To Carter & San Luis Obispo
 Timetable South

Potential RW Required
 Extends Approx. 6' outside
 UP RAW

Grade Crossing 749927X (MP 25.27)
 Lat - 37°35'47.45"N
 Long - 122° 4'28.70"W

Potential Roadway Re-profiling
 Extends Approximately 300' -
 400' Each Side of Track

Install Turnout
 #11 Jump Frog

Proposed Main Track No. 2

Existing Main Track No. 1

Proposed Main Track No. 1

Construct Track

Construct Track

Construct Grade Crossings (2 Tracks)

Itilong Vera Cruz
 Middle School



All Area Inside UPRR ROW May Be Permanently
 Impacted With New Track and Railroad Facilities

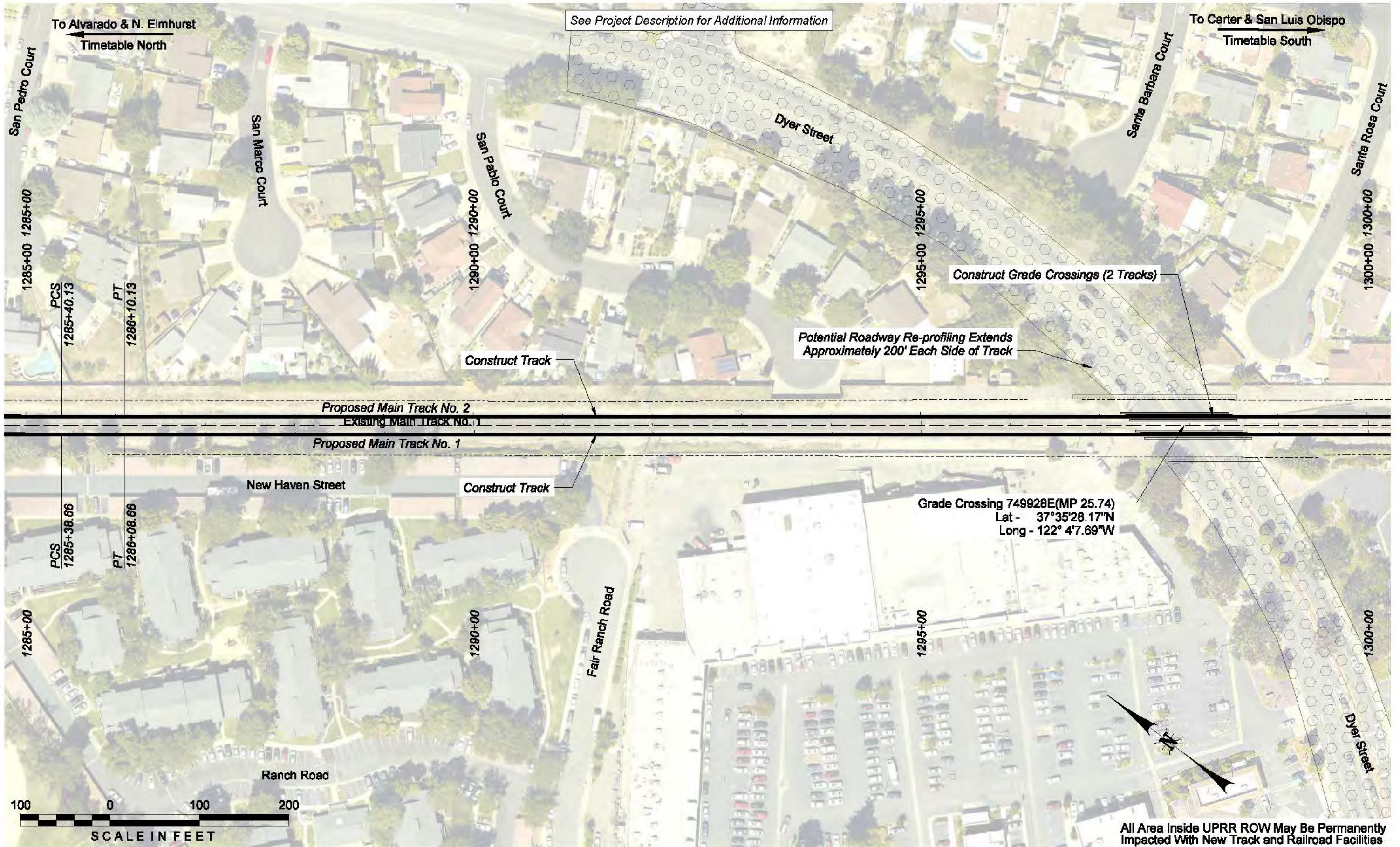
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	Structures Improvements in Water Disturbance Area - Temporary
	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structures Improvements in Water Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
 NOT FOR CONSTRUCTION



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 LOCATION & DESCRIPTION:
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 COAST SUBDIVISION - MP 13.47 TO MP 31.76
 ALTERNATIVE E
 P048 of P070



See Project Description for Additional Information

Construct Grade Crossings (2 Tracks)

Potential Roadway Re-profiling Extends Approximately 200' Each Side of Track

Grade Crossing 749928E(MP 25.74)
 Lat - 37°35'28.17"N
 Long - 122° 4'7.69"W

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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Legend	
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	Utility Improvement - Temporary
	Construction Staging and Easements Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Temporary
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
 NOT FOR CONSTRUCTION



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 LOCATION & DESCRIPTION:
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 COAST SUBDIVISION - MP 13.47 TO MP 31.76
 ALTERNATIVE E
 P049 of P070



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	Utility Improvement - Temporary
	Construction Staging and Easements Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
 NOT FOR CONSTRUCTION



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 ALTERNATIVE E
 P050 of P070

See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

To Carter & San Luis Obispo
Timetable South

Construct Grade Crossings
(2 Tracks)

Construct Track

Construct Track

Potential Roadway Re-profiling Extends
Approximately 300' to 500' Each Side of
Track

Grade Crossing 749929L (MP 26.12)
Lat - 37°35'12.77"N
Long - 122° 3'52.42"W

Retaining Walls Both Sides of Track.
ESTIMATED Heights and Locations:

- 1320+00 to 1340+00 Approx 3' - 10' Tall
- 1340+00 to 1350+00 Approx 10' - 20' Tall
- 1350+00 to 1362+50 Approx 20' - 30' Tall
(gap for Lowry and Alameda Creek Bridges)
- 1370+00 to 1383+00 Approx 10' - 20' Tall
(gap for Line K bridge)
- 1384+00 to 1395+00 Approx 10' Tall

All Area Inside UPRR ROW May Be Permanently
Impacted With New Track and Railroad Facilities



PRELIMINARY

NOT FOR CONSTRUCTION



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ALTERNATIVE E
P051 of P070

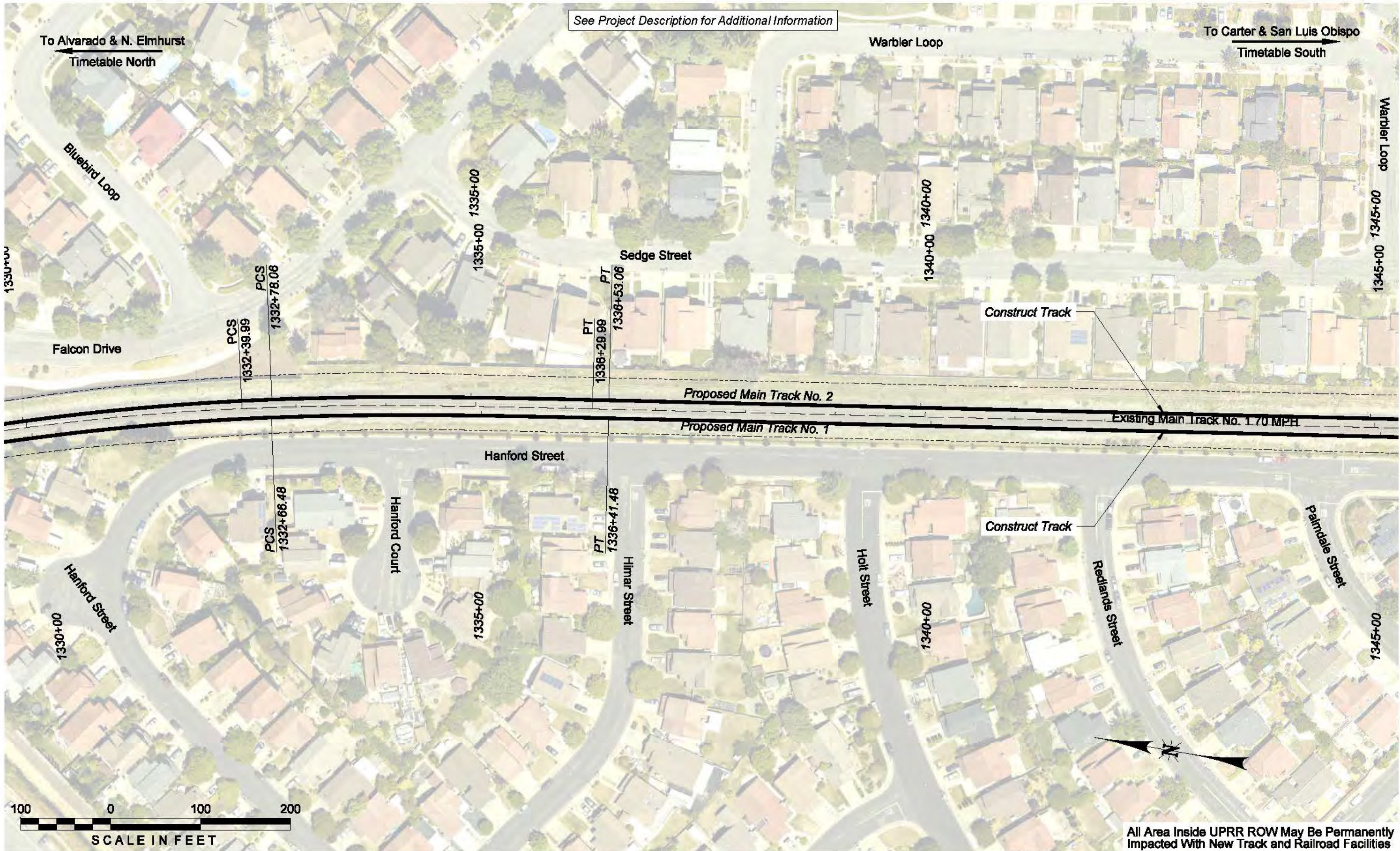
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See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

Warbler Loop

To Carter & San Luis Obispo
Timetable South



Construct Track

Proposed Main Track No. 2

Proposed Main Track No. 1

Existing Main Track No. 1 70 MPH

Construct Track

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



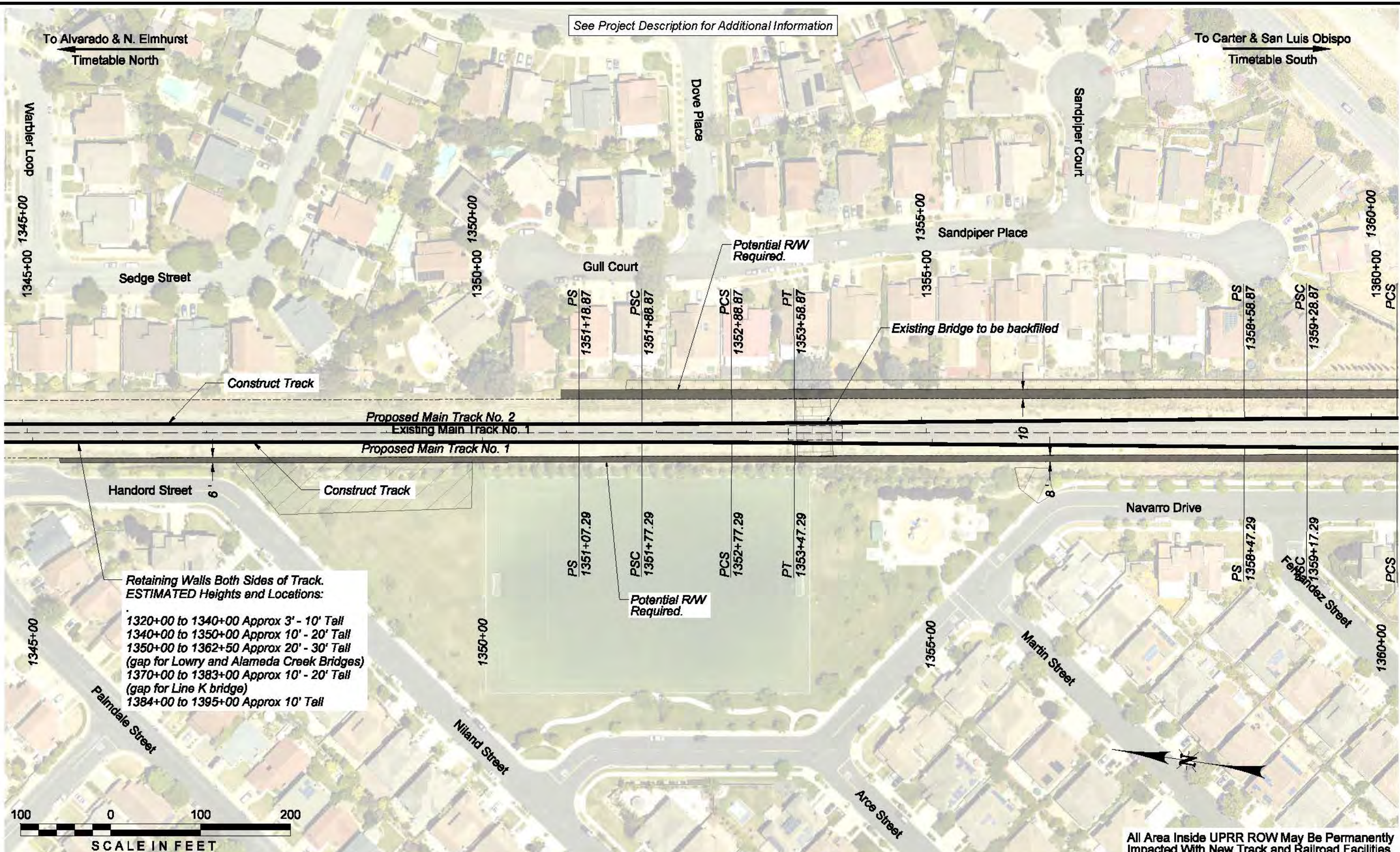
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 ALTERNATIVE E
 P052 of P070

See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

To Carter & San Luis Obispo
Timetable South



**Retaining Walls Both Sides of Track.
ESTIMATED Heights and Locations:**

- 1320+00 to 1340+00 Approx 3' - 10' Tall
- 1340+00 to 1350+00 Approx 10' - 20' Tall
- 1350+00 to 1362+50 Approx 20' - 30' Tall
(gap for Lowry and Alameda Creek Bridges)
- 1370+00 to 1383+00 Approx 10' - 20' Tall
(gap for Line K bridge)
- 1384+00 to 1395+00 Approx 10' Tall

Potential RW Required.

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Proposed Track
	Existing Mainline
	Existing UPRR ROW
	Structure Improvements In Water Disturbance Area - Temporary
	Structure Improvements In Water Disturbance Area - Permanent

PRELIMINARY
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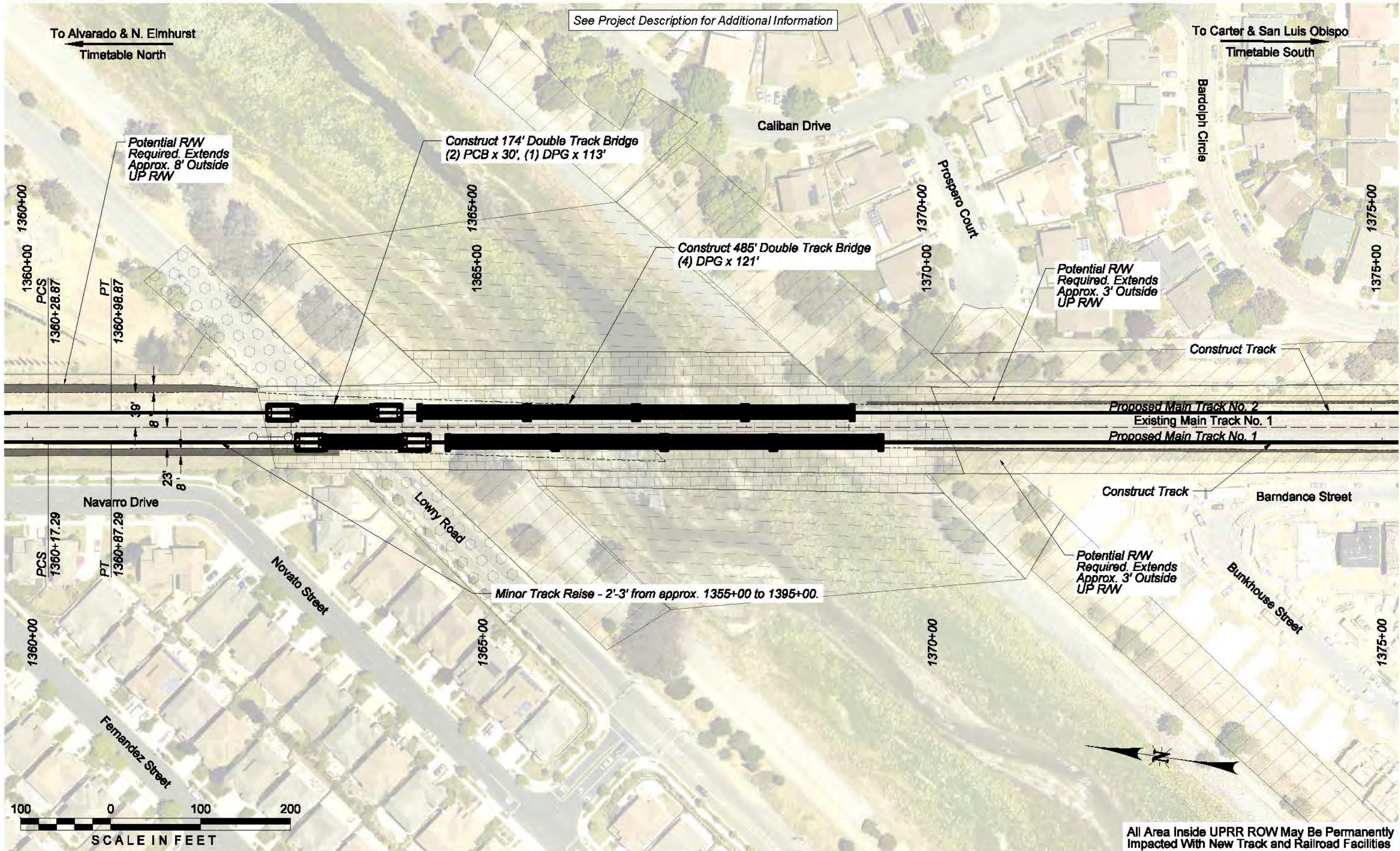
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 ALTERNATIVE E
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See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

To Carter & San Luis Obispo
Timetable South



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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	Construction Staging and Easements Area - Temporary
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	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structures Improvements in Water Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

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To Alvarado & N. Elmhurst
Timetable North

See Project Description for Additional Information

To Carter & San Luis Obispo
Timetable South

Possible effects on concrete lined channel. May require reconstruction of portions of channel in-kind.

Construct 105' Double Track Bridge
(1) TPG x 105'

1375+00

Simple Court

Pistal Court

1380+00

1385+00

Juliet Circle

Capulet Circle

1390+00

Potential RW
Required. Extends
Approx. 3' Outside
UP RW

Bardolph Circle

Construct Track

Proposed Main Track No. 2

Existing Main Track No. 1

Proposed Main Track No. 1

3

27

25

3

Barndance Street

Construct Track

1375+00

1380+00

Farmhouse Street

Crandall Creek

Existing Bridge to be backfilled

1385+00

Stallion Street

PS
1385+75.07

PSC
1386+45.07

PCS
1387+45.07

PT
1388+15.07

Potential RW
Required. Extends
Approx. 3' Outside
UP RW

Stagecoach Street

1390+00

Slick Horn Way

Packhouse Street

Bonanza Drive

100 0 100 200

SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend

- Roadway Improvement Temporary
- Construction Staging and Easements Area - Temporary
- Structure Improvements in Water Disturbance Area - Temporary
- Utility Improvement - Temporary
- New Rail and Station Construction Disturbance Area - Temporary
- Structure Improvements in Water Disturbance Area - Permanent
- New Rail and Station Construction Disturbance Area - Permanent
- Proposed Track
- Existing Mainline
- Existing UPRR ROW

PRELIMINARY

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ALTERNATIVE E
P055 of P070

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See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

To Carter & San Luis Obispo
Timetable South



Proposed Main Track No. 2
Existing Main Track No. 1
Proposed Main Track No. 1



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



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ALTERNATIVE E
P057 of P070

To Alvarado & N. Elmhurst
Timetable North

See Project Description for Additional Information

To Carter & San Luis Obispo
Timetable South



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement - Temporary
	Utility Improvement - Temporary
	Construction Staging and Easements Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



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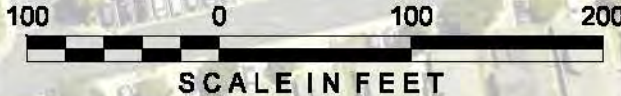
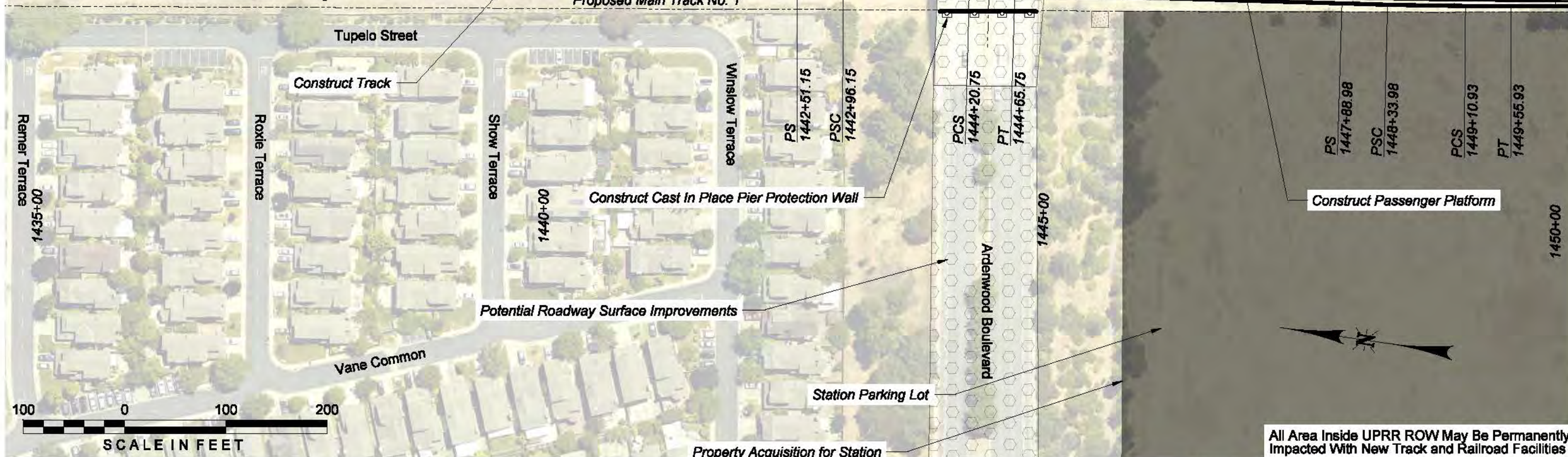
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 P058 of P070

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To Alvarado & N. Elmhurst
Timetable North

See Project Description for Additional Information

To Carter & San Luis Obispo
Timetable South



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend

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 P059 of P070

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To Alvarado & N. Elmhurst
Timetable North

See Project Description for Additional Information

To Carter & San Luis Obispo
Timetable South

Station Platform (Center Island Configuration) With
Grade Separated Access.

Construct Track

Proposed Main Track No. 2

Existing Main Track No. 1

Proposed Main Track No. 1

Construct Track

Pedestrian Overpass Structure.

Station Track Construction May
Extend Outside of UPRR ROW
In This Area. May Affect
Parking Spots at Adjacent
Private Business That Are
Currently Located Along UPRR
ROW.

All Area Inside UPRR ROW May Be Permanently
Impacted With New Track and Railroad Facilities



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	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Proposed Track
	Existing Mainline
	Structure Improvements in Water Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



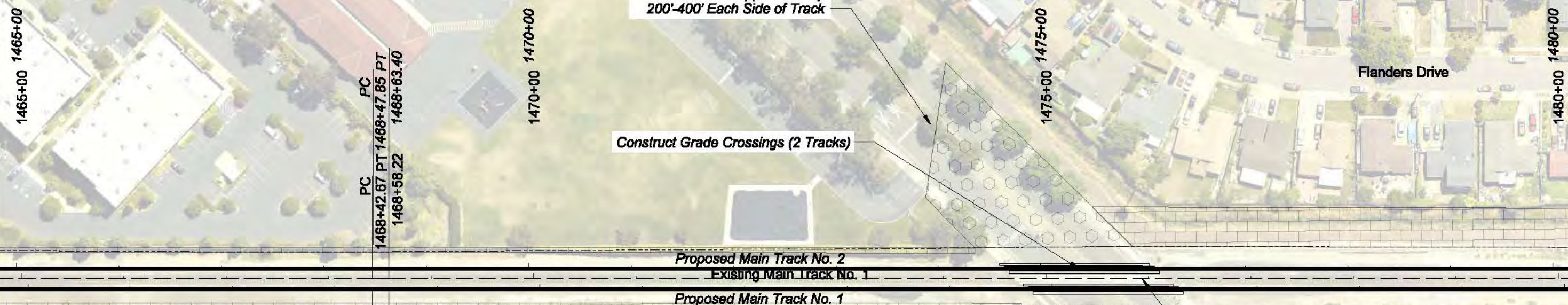
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 P060 of P070

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To Alvarado & N. Elmhurst
Timetable North

See Project Description for Additional Information

To Carter & San Luis Obispo
Timetable South



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement Temporary
	Utility Improvement - Temporary
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	New Rail and Station Construction Disturbance Area - Temporary
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	Structure Improvements in Water Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



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See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

To Carter & San Luis Obispo
Timetable South

Grade Crossing 749938K (MP 29.31)
Lat - 37°32'29.29"N
Long - 122° 3'12.75"W

Potential Roadway
Re-profiling Extends
Approximately 300' Each
Side of Track

Construct Grade Crossings
(2 Tracks)

Construct Track

Construct Track

All Area Inside UPRR ROW May Be Permanently
Impacted With New Track and Railroad Facilities



Legend	
	Roadway Improvement Temporary
	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Proposed Track
	Existing Mainline
	Structure Improvements in Water Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Existing UPRR ROW

PRELIMINARY
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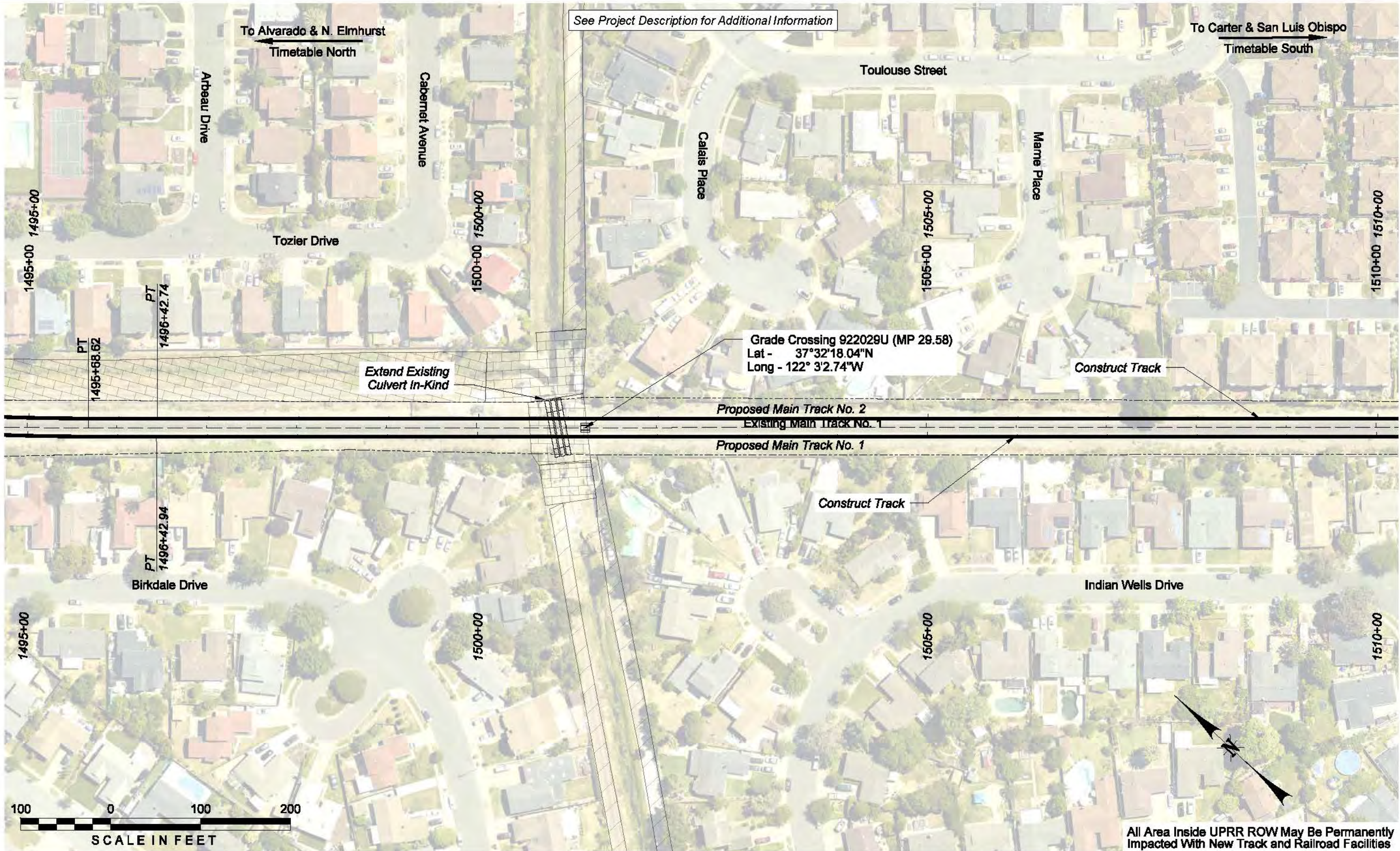
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COAST SUBDIVISION - MP 13.47 TO MP 31.76

ALTERNATIVE E
P062 of P070

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See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

To Carter & San Luis Obispo
Timetable South

Grade Crossing 922029U (MP 29.58)
Lat - 37°32'18.04"N
Long - 122° 3'2.74"W

Extend Existing
Culvert In-Kind

Construct Track

Proposed Main Track No. 2

Existing Main Track No. 1

Proposed Main Track No. 1

Construct Track

Birkdale Drive

Indian Wells Drive



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

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Legend	
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	Construction Staging and Easements Area - Temporary
	Structure Improvements In Water Disturbance Area - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements In Water Disturbance Area - Permanent

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To Alvarado & N. Elmhurst
Timetable North

See Project Description for Additional Information

To Carter & San Luis Obispo
Timetable South

1510+00 1510+00

1515+00 1515+00

1520+00 1520+00

1525+00 1525+00

Fountainaine Avenue

Colbert Place

Construct Track

Proposed Main Track No. 2

Existing Main Track No. 1

Proposed Main Track No. 1

1510+00

1515+00

1520+00

1525+00

Indian Wells Drive

Beech Place

Construct Track

Buckeye Street

Hazelnut Drive

100 0 100 200

SCALE IN FEET

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement Temporary
	Utility Improvement - Temporary
	Construction Staging and Easements Area - Temporary
	Structure Improvements In Water Disturbance Area - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Temporary
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



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To Alvarado & N. Elmhurst
Timetable North

See Project Description for Additional Information

To Carter & San Luis Obispo
Timetable South

Sycamore Street

1525+00 1525+00

1530+00 1530+00

1535+00 1535+00

1540+00 1540+00

Colbert Place

Construct Grade Crossings (2 Tracks)

Potential Culvert
Reconstruction In-Kind

Beutke Drive

Construct Track

Install Crossover #24 Spring Frog

Proposed Main Track No. 2
Existing Main Track No. 1
Proposed Main Track No. 1

Install Crossover #24 Spring Frog

Construct Track

Grade Crossing 749939S (MP 30.05)
Lat - 37°31'59.90"N
Long - 122° 2'40.76"W

Buckeye Street

Potential Roadway Re-profiling Extends
Approximately 200' Each Side of Track

Mayhews Landing Road

1530+00

Redbud Court

Linden Court

1535+00

Sunset Avenue

1540+00



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement Temporary
	Utility Improvement - Temporary
	Construction Staging and Easements Area - Temporary
	Structure Improvements In Water Disturbance Area - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements In Water Disturbance Area - Permanent

PRELIMINARY
NOT FOR CONSTRUCTION



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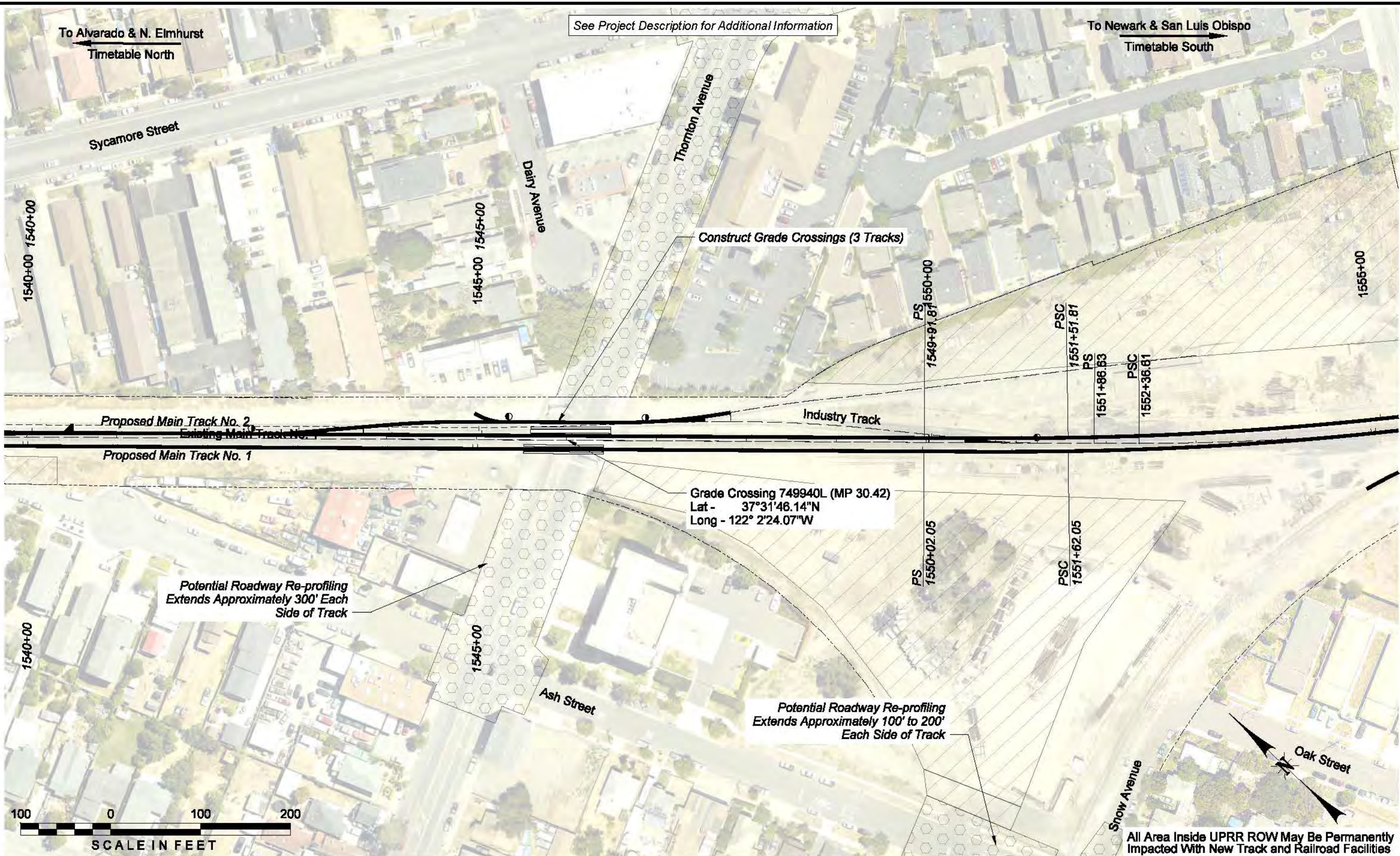
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See Project Description for Additional Information

To Alvarado & N. Elmhurst
Timetable North

To Newark & San Luis Obispo
Timetable South



Grade Crossing 749940L (MP 30.42)
Lat - 37°31'46.14"N
Long - 122° 2'24.07"W

Potential Roadway Re-profiling
Extends Approximately 300' Each
Side of Track

Potential Roadway Re-profiling
Extends Approximately 100' to 200'
Each Side of Track

All Area Inside UPRR ROW May Be Permanently
Impacted With New Track and Railroad Facilities

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Legend	
	Roadway Improvement Temporary
	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Proposed Track
	Existing Mainline
	Existing UPRR ROW
	Structure Improvements in Water Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent

PRELIMINARY
NOT FOR CONSTRUCTION



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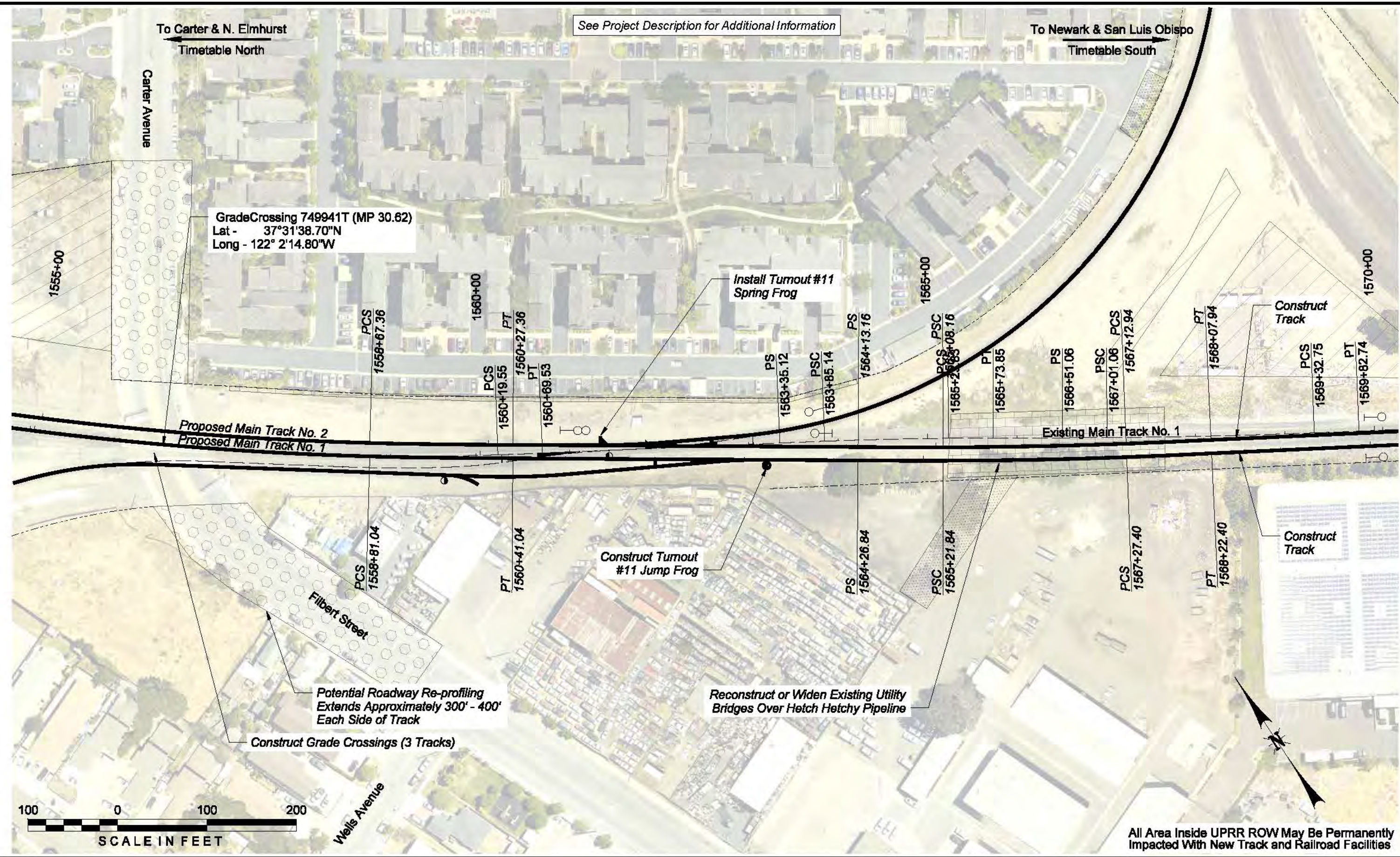
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See Project Description for Additional Information

To Carter & N. Elmhurst
 Timetable North

To Newark & San Luis Obispo
 Timetable South



Grade Crossing 749941T (MP 30.62)
 Lat - 37°31'38.70"N
 Long - 122° 2'14.80"W

Install Turnout #11
 Spring Frog

Construct Turnout
 #11 Jump Frog

Potential Roadway Re-profiling
 Extends Approximately 300' - 400'
 Each Side of Track

Reconstruct or Widen Existing Utility
 Bridges Over Hetch Hetchy Pipeline

Construct Grade Crossings (3 Tracks)



All Area Inside UPRR ROW May Be Permanently
 Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement Temporary
	Construction Staging and Easements Area - Temporary
	Structures Improvements In Water Disturbance Area - Temporary
	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structures Improvements In Water Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
 NOT FOR CONSTRUCTION



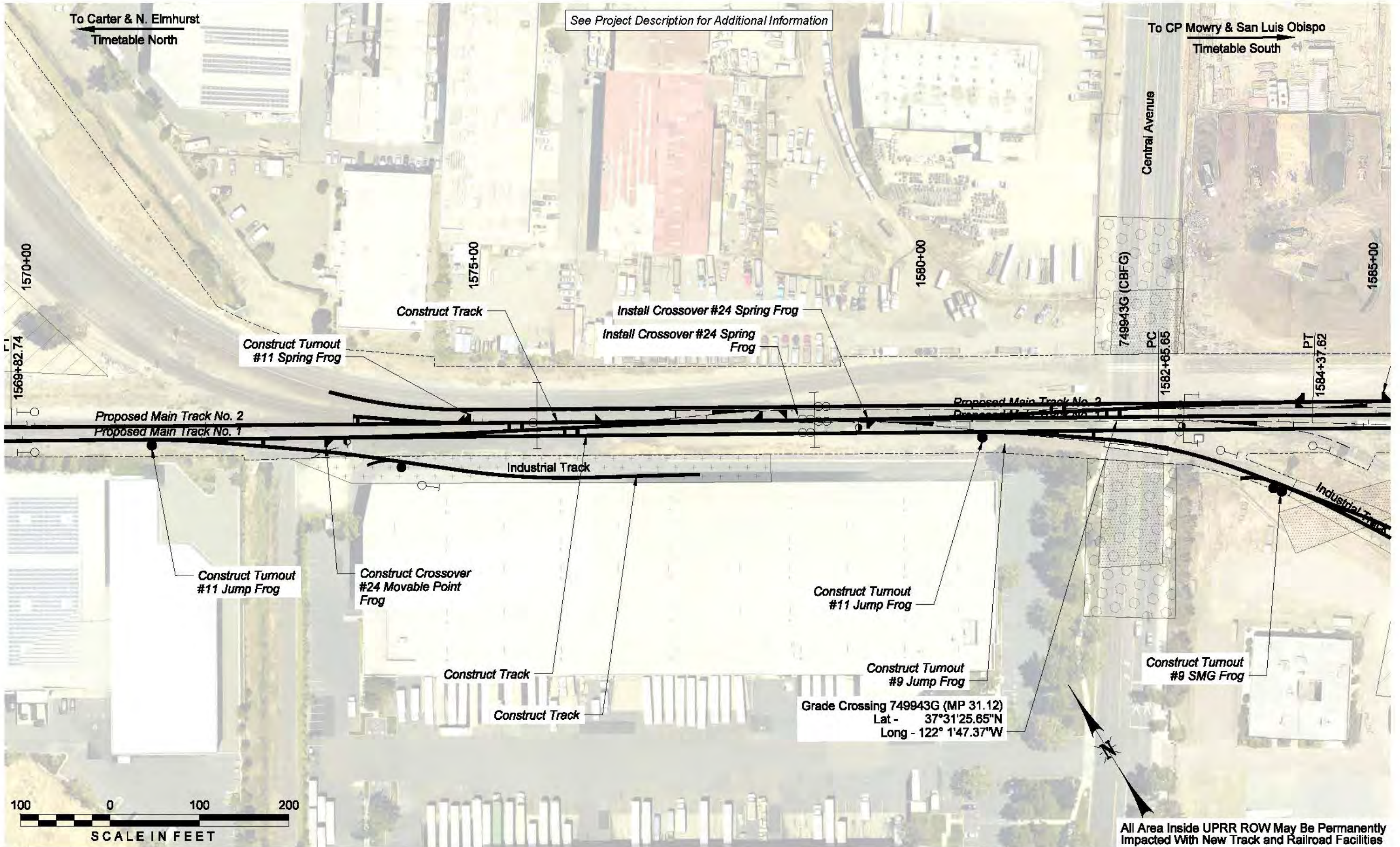
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 ALTERNATIVE E
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To Carter & N. Elmhurst
Timetable North

See Project Description for Additional Information

To CP Mowry & San Luis Obispo
Timetable South



Grade Crossing 749943G (MP 31.12)
 Lat - 37°31'25.65"N
 Long - 122° 1'47.37"W

All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement Temporary
	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Permanent
	Construction Staging and Easements Area - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
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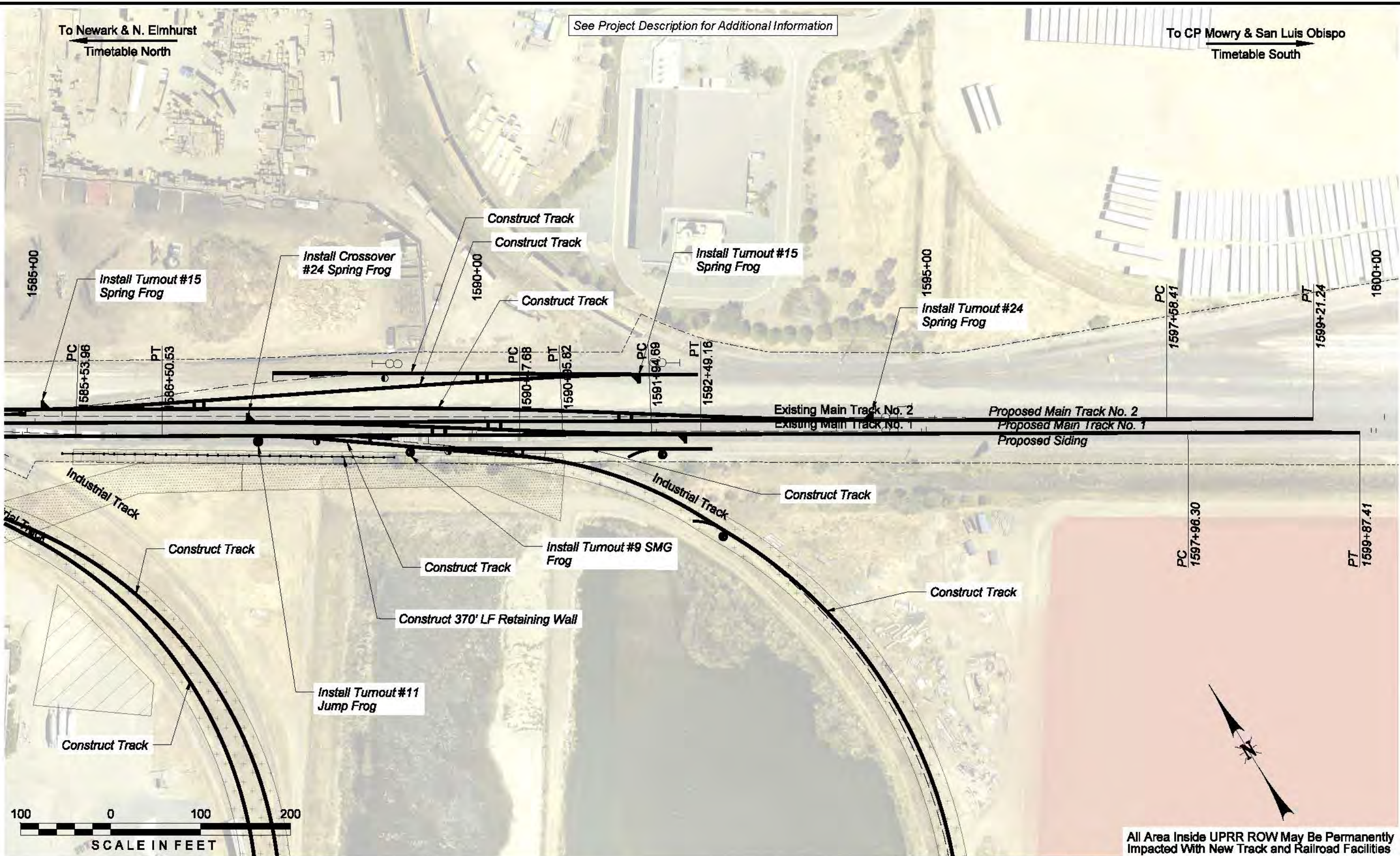
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 P068 of P070

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To Newark & N. Elmhurst
Timetable North

See Project Description for Additional Information

To CP Mowry & San Luis Obispo
Timetable South



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement Temporary
	Construction Staging and Easements Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	Utility Improvement - Temporary
	New Rail and Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
NOT FOR CONSTRUCTION



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To Newark & Coast Subdivision
Timetable West

See Project Description for Additional Information

To Cherry & 10th Street
Timetable East

Potential Roadway Re-profiling Extends
Approximately 200' Each Side of Track

Construct Grade Crossings (4 Tracks)

Track 130
Niles Sub Main Track 1
Niles Sub Main Track 2
Track 007



All Area Inside UPRR ROW May Be Permanently Impacted With New Track and Railroad Facilities

Legend	
	Roadway Improvement Temporary
	Construction Staging and Easements Area - Temporary
	Structure Improvements in Water Disturbance Area - Temporary
	Utility Improvement - Temporary
	New Rail Station Construction Disturbance Area - Temporary
	Structure Improvements in Water Disturbance Area - Permanent
	New Rail and Station Construction Disturbance Area - Permanent
	Proposed Track
	Existing Mainline
	Existing UPRR ROW

PRELIMINARY
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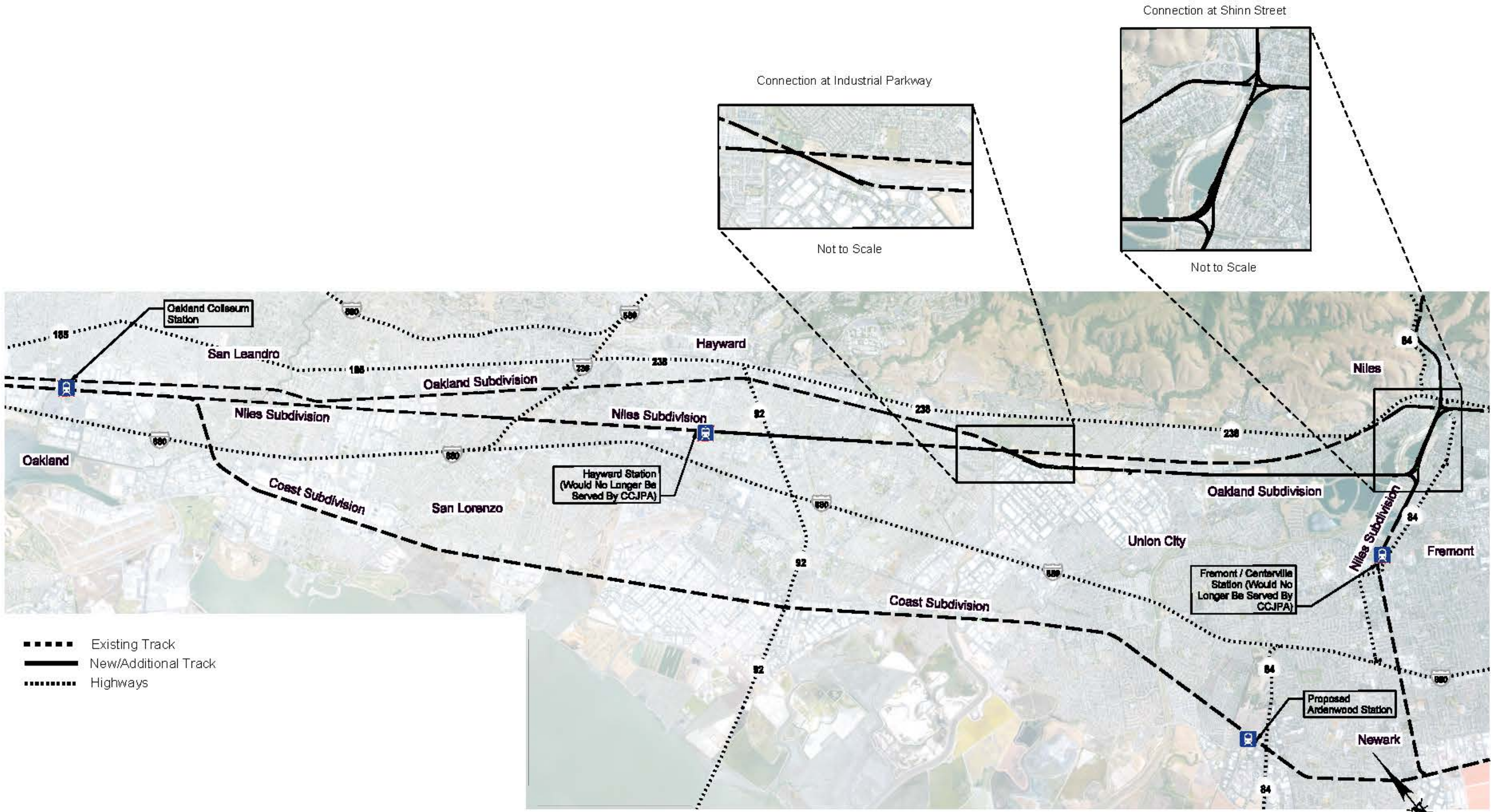
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 P070 of P070

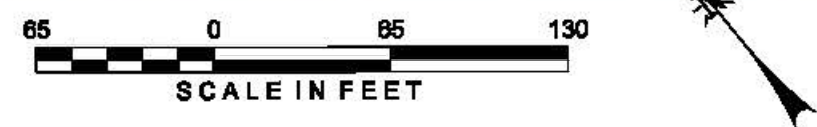
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Attachment 2

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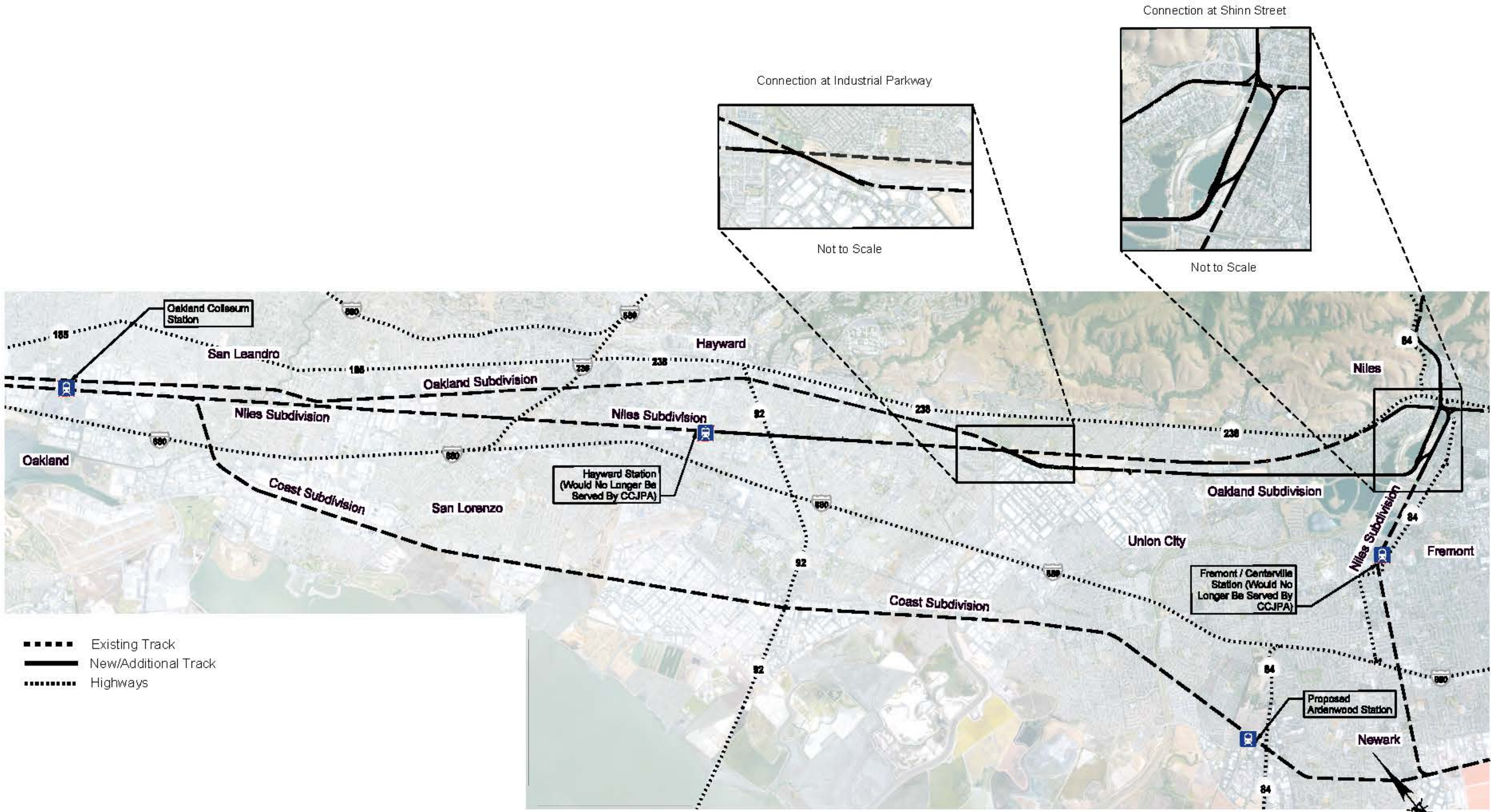


- Existing Track
- New/Additional Track
- Highways

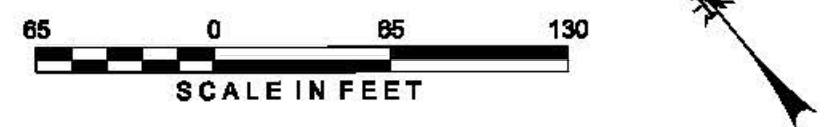


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- Existing Track
- New/Additional Track
- Highways

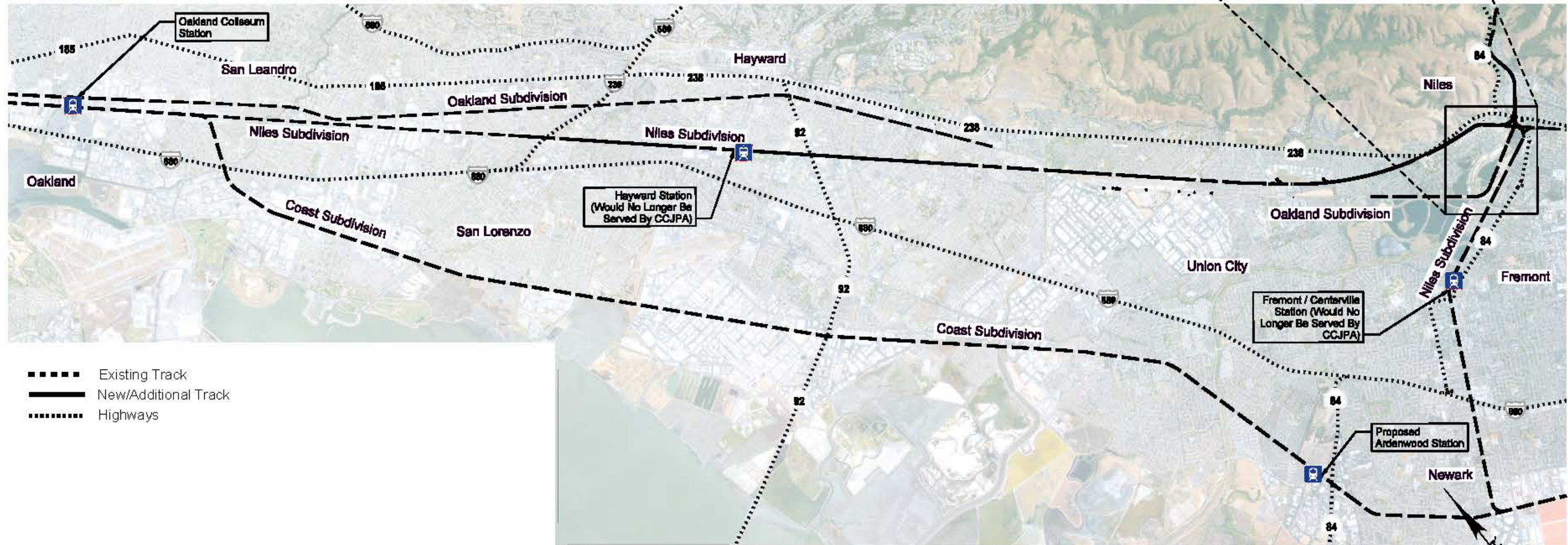


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SHEET TITLE:		OPTION B	DWG NUMBER
			09-101

Connection at Niles Jct.



Not to Scale



- Existing Track
- New/Additional Track
- Highways



SCALE IN FEET

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