

It's just not boxes at the Port, the cargo comes in all shapes and sizes!!

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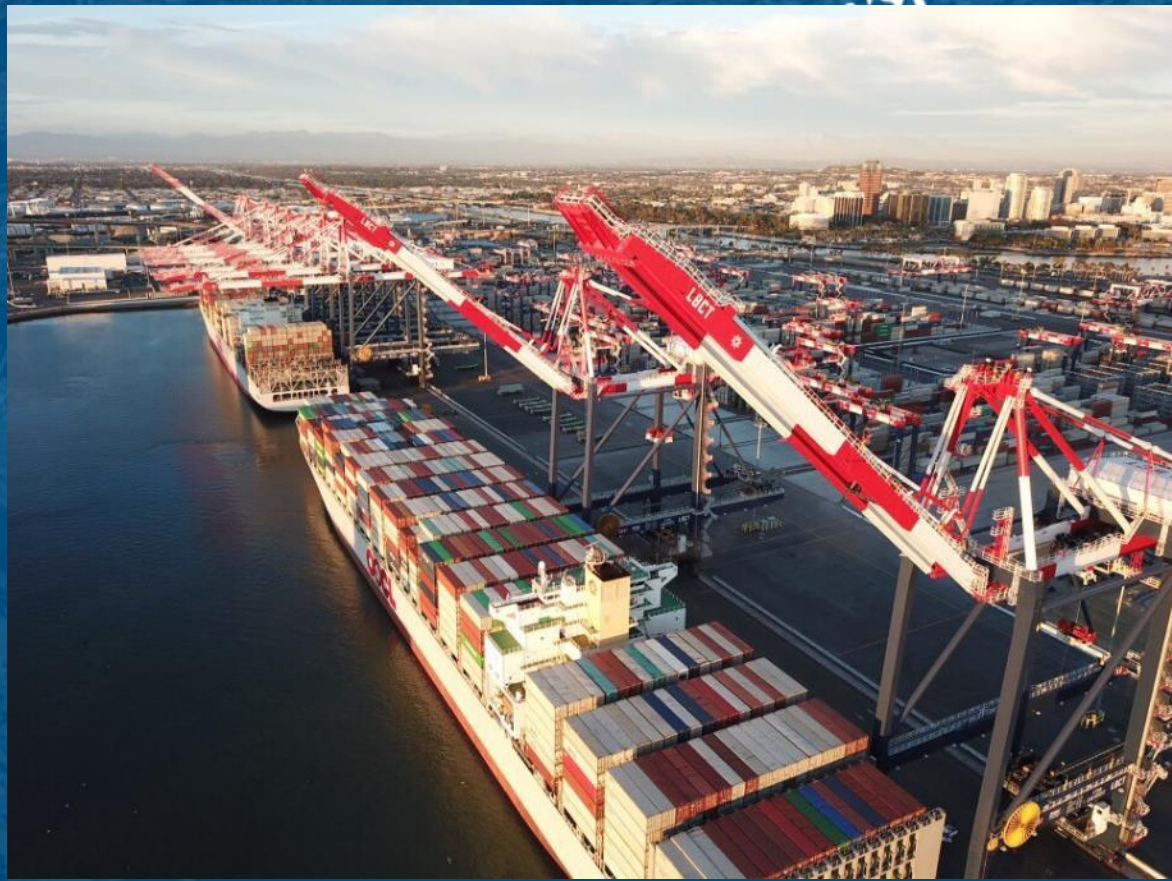
Salvador Madrigal – Civil Engineering Associate

&

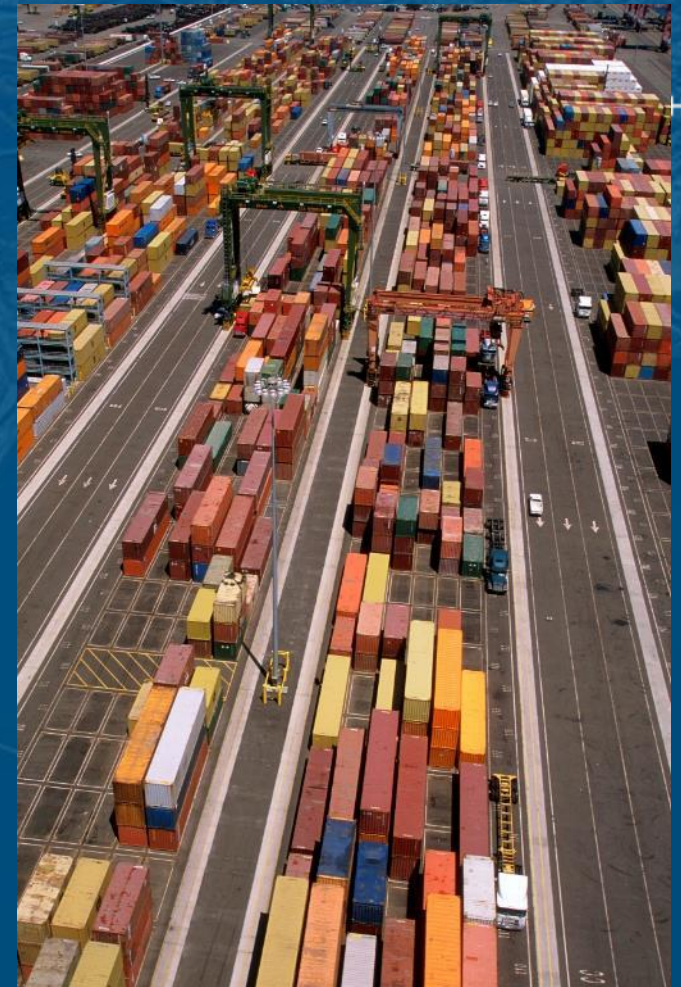
The Entire 9th Street Closure Project Team

THE PORT OF LONG BEACH





PORT OF LONG BEACH CATERS TO:



Containerized Cargo

PORT OF LONG BEACH CATERS TO:



Dry Bulk

PORT OF LONG BEACH CATERS TO:



Liquid Bulk

PORT OF LONG BEACH CATERS TO:



Break Bulk

PORT OF LONG BEACH CATERS TO:

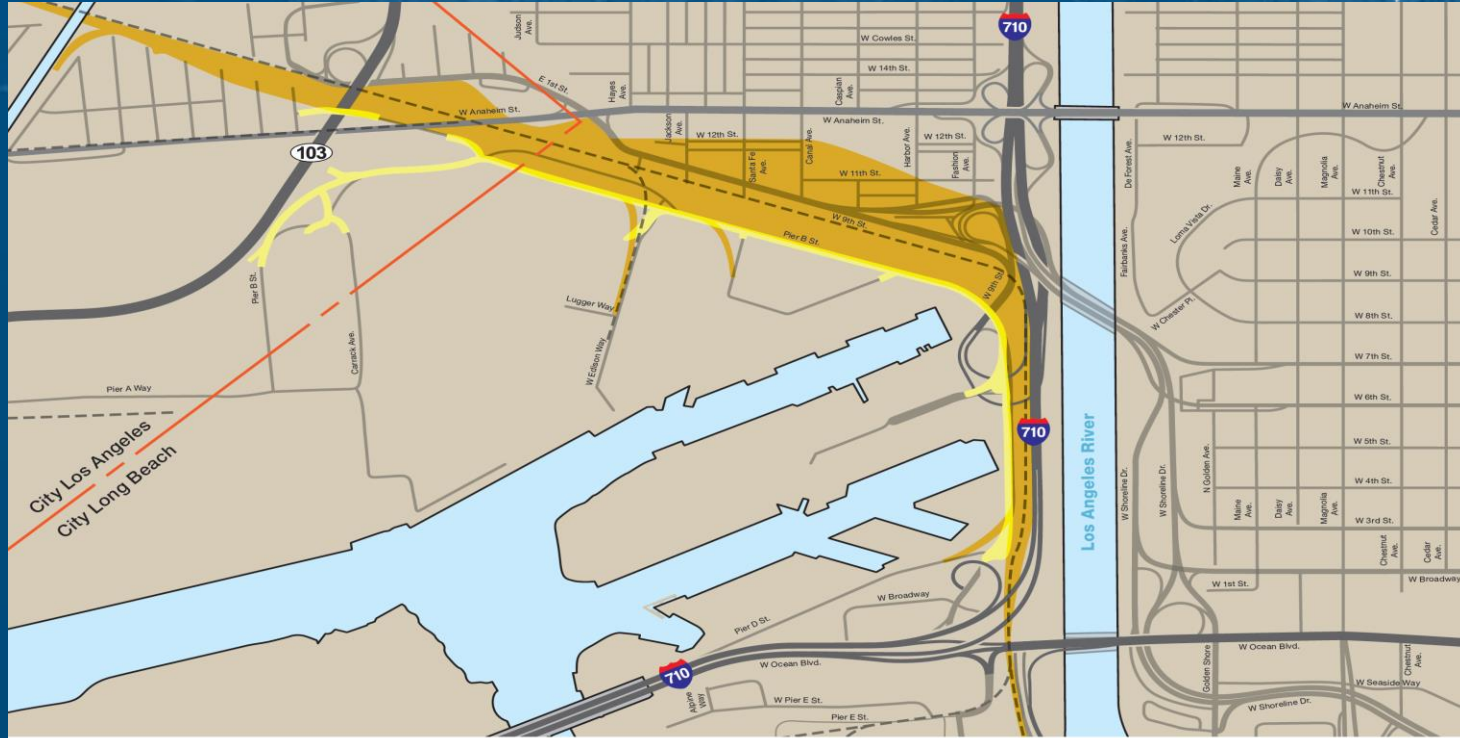


Roll On-Roll Off

PIER B ON-DOCK RAIL SUPPORT FACILITY



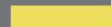
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Legend



Approximate Project Footprint



Street Reconstruction

PIER B ON-DOCK RAIL SUPPORT FACILITY

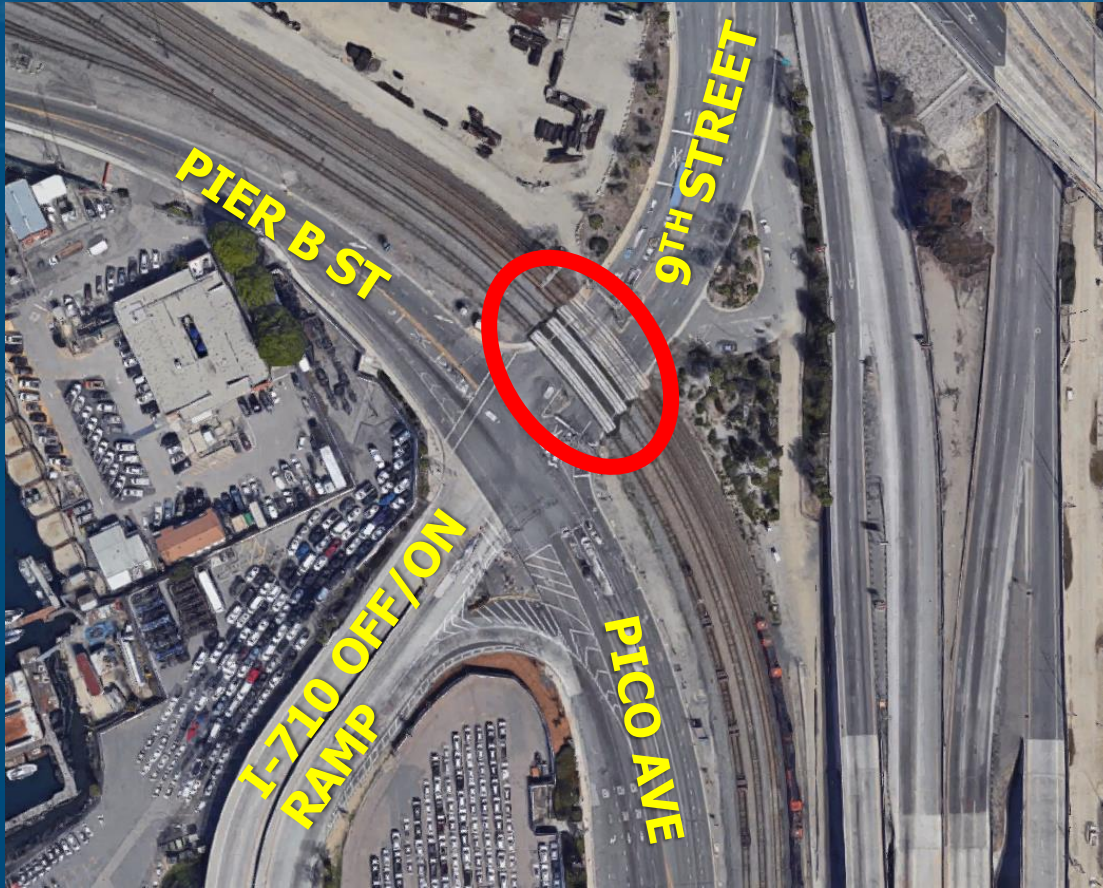


PIER B ON-DOCK RAIL SUPPORT FACILITY



The project will require the closing of the 9th Street rail crossing.

9TH STREET CLOSURE



9TH STREET CLOSURE



OVERSIZE LOADS – HOW DO WE LEAVE THE PORT OF LONG BEACH



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OVERSIZE LOADS – WHAT IS THIS USED FOR?



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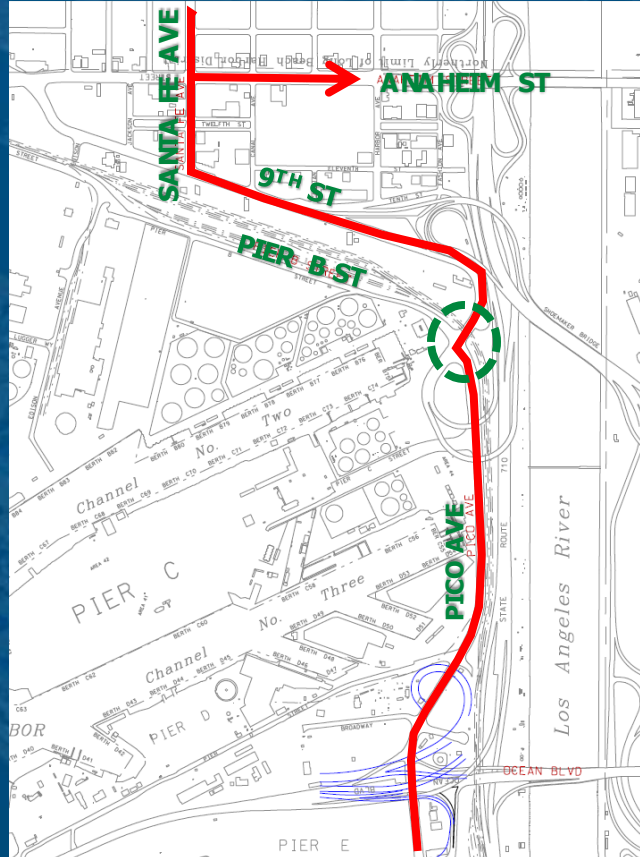
OVERSIZE LOADS – WHAT IS THIS USED FOR?



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OVERSIZE LOADS – HOW DO WE LEAVE THE PORT OF LONG BEACH



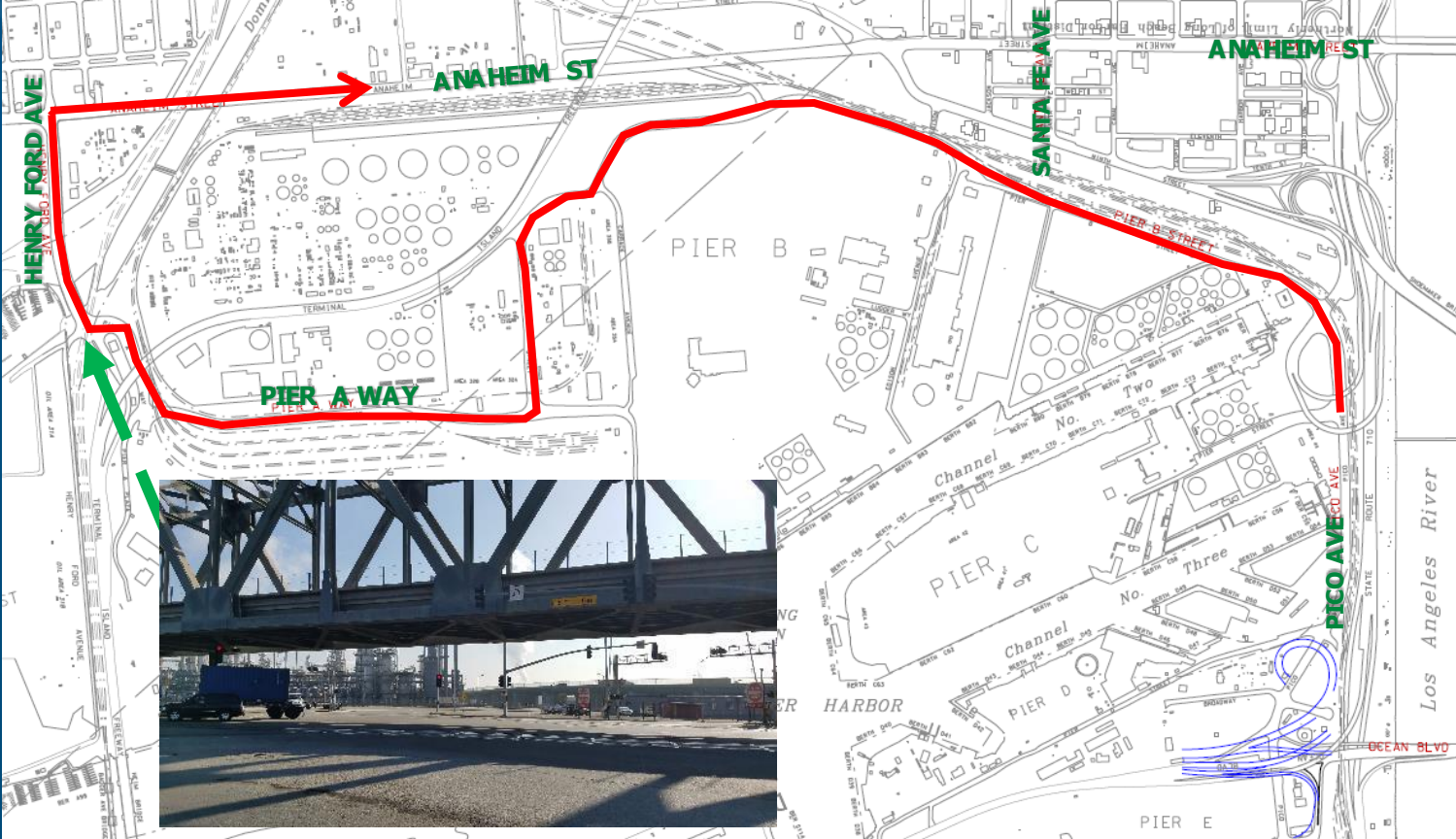
OVERSIZE LOADS – HOW DO WE LEAVE THE PORT OF LONG BEACH



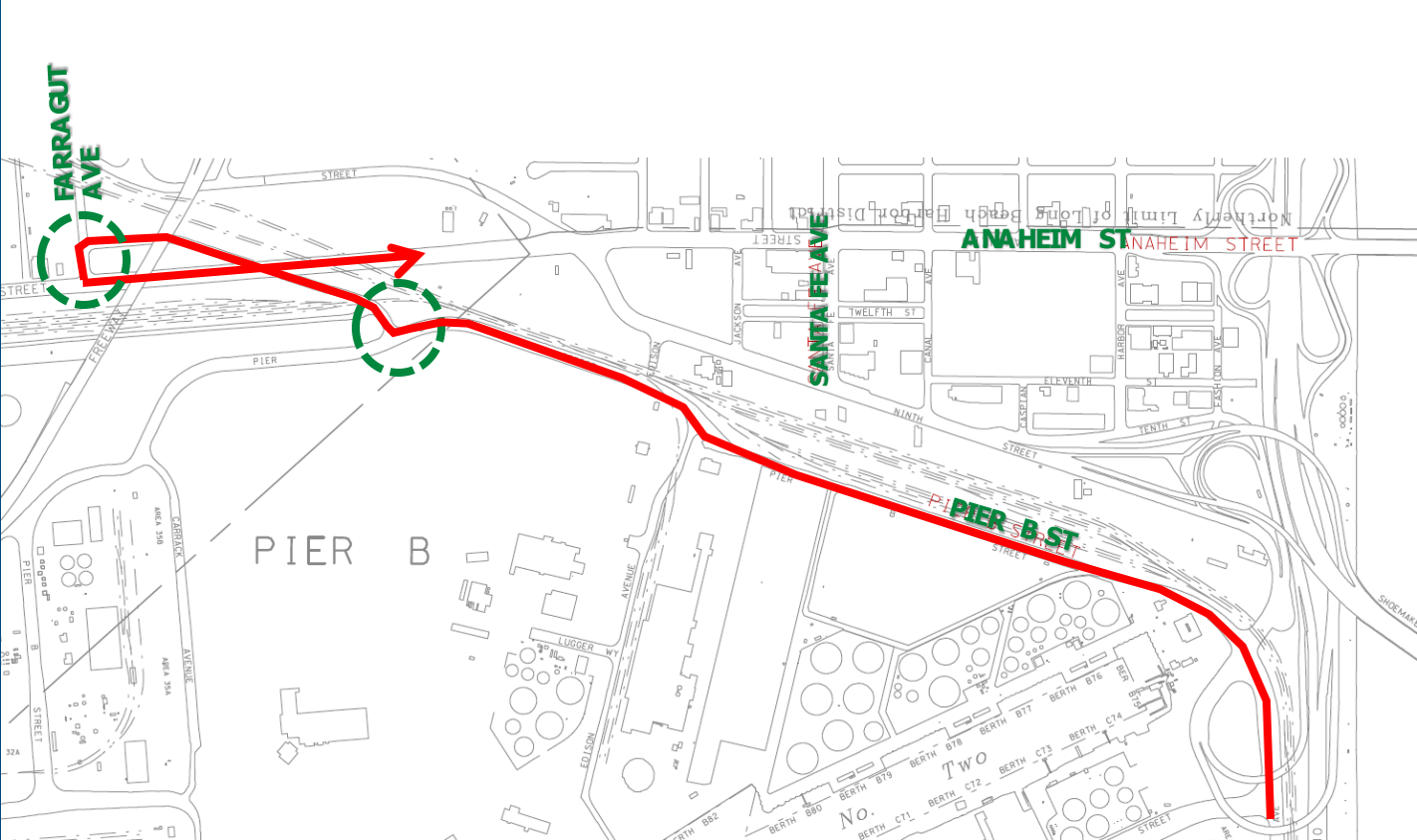
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OVERSIZE LOADS – WHAT ABOUT OTHER ROUTES



OVERSIZE LOADS – WHAT ABOUT OTHER ROUTES



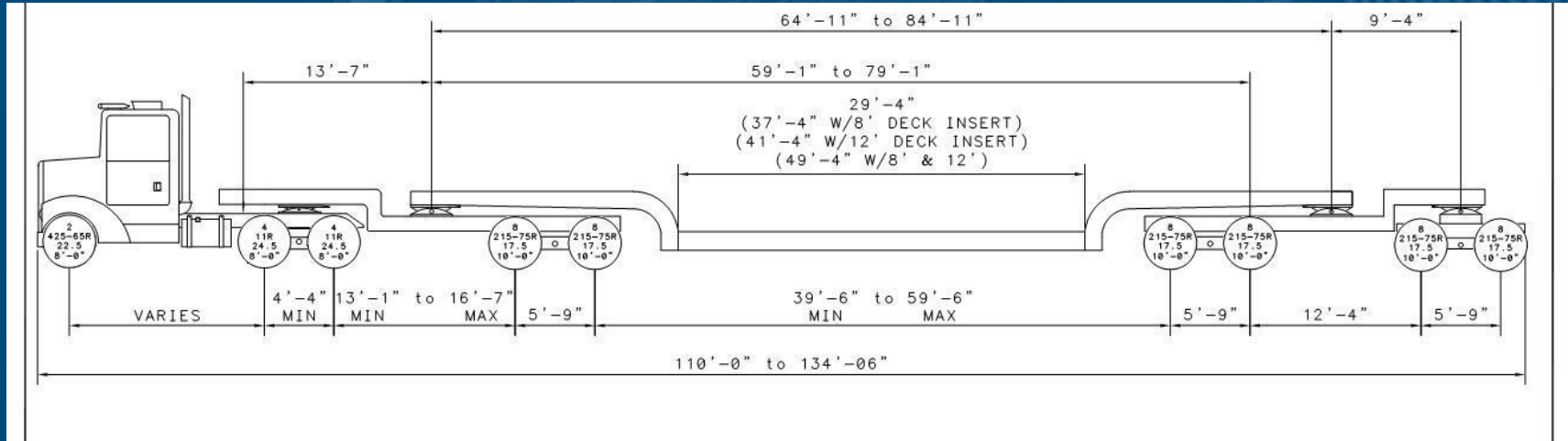
9TH STREET CLOSURE



MARCH 9TH 2019



WE SHOULD DEAL WITH THESE TYPE OF TRUCKS

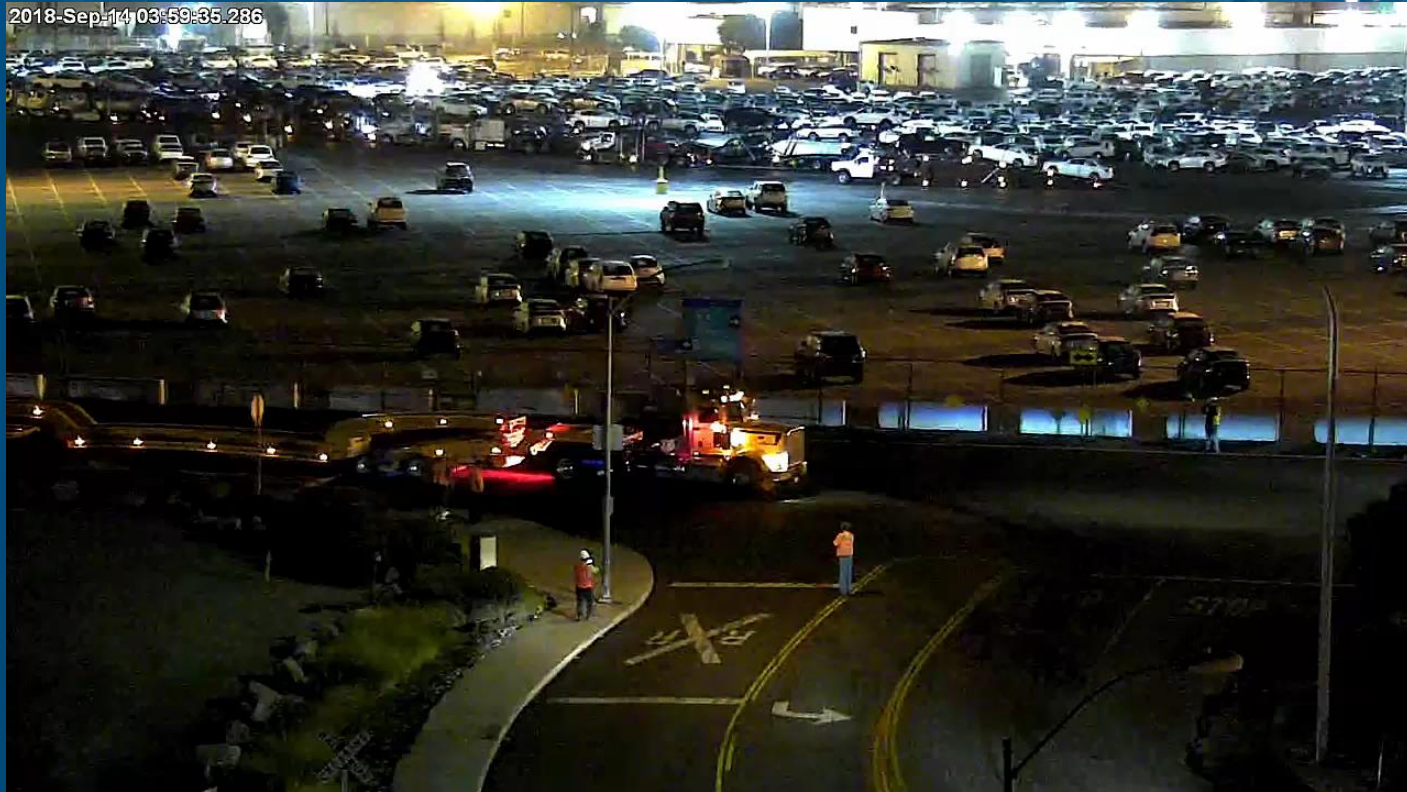


OVERSIZE LOADS – DRY RUN TO UNDERSTAND THE TURNING RADIUS



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2018-Sep-14 03:59:35.286



9TH STREET CLOSURE - CONSTRAINTS



- **Caltrans Encroachment Permit!!!**
- **Traffic Signal Modification**
- **Intersection/Roadway Improvements at:**
 - **Anaheim Way and Pier B Street**
 - **Anaheim Way**
 - **Anaheim Way and Farragut Avenue**
- **Install a gate/fence at the 9th St Crossing**

ANAHEIM WAY & PIER B ST - BEFORE



ANAHEIM WAY & PIER B ST - AFTER



ANAHEIM WAY & PIER B ST - AFTER



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ANAHEIM WAY & FARRAGUT AVE



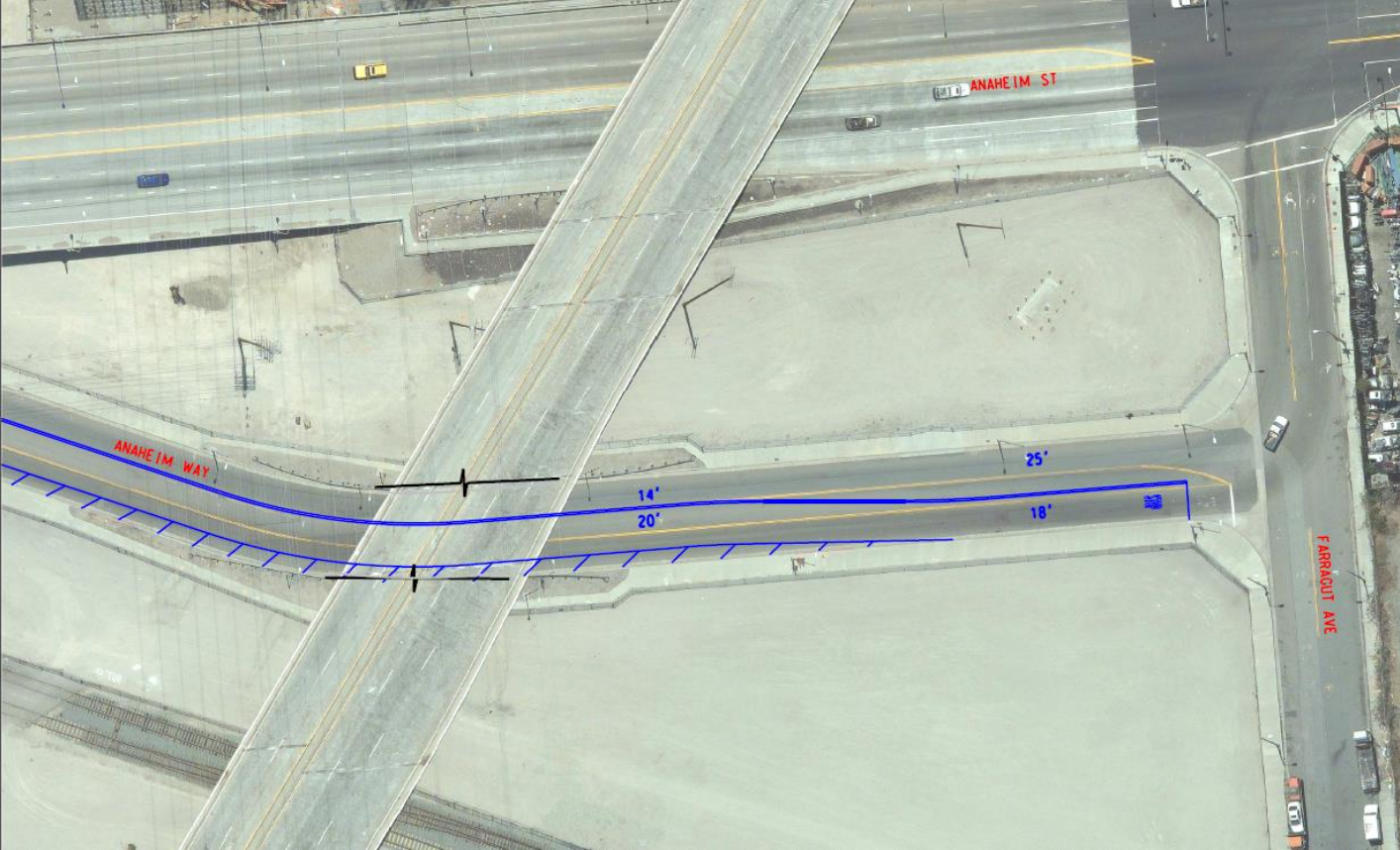
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ANAHEIM WAY & FARRAGUT AVE



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ANAHEIM WAY & FARRAGUT AVE - BEFORE



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ANAHEIM WAY & FARRAGUT AVE - AFTER



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ANAHEIM WAY & FARRAGUT AVE - BEFORE



ANAHEIM WAY & FARRAGUT AVE - AFTER



PICO AVE & 9TH ST/I-710 OFF RAMP



PICO AVE & 9TH ST/I-710 OFF RAMP



PICO AVE & 9TH ST/I-710 OFF RAMP

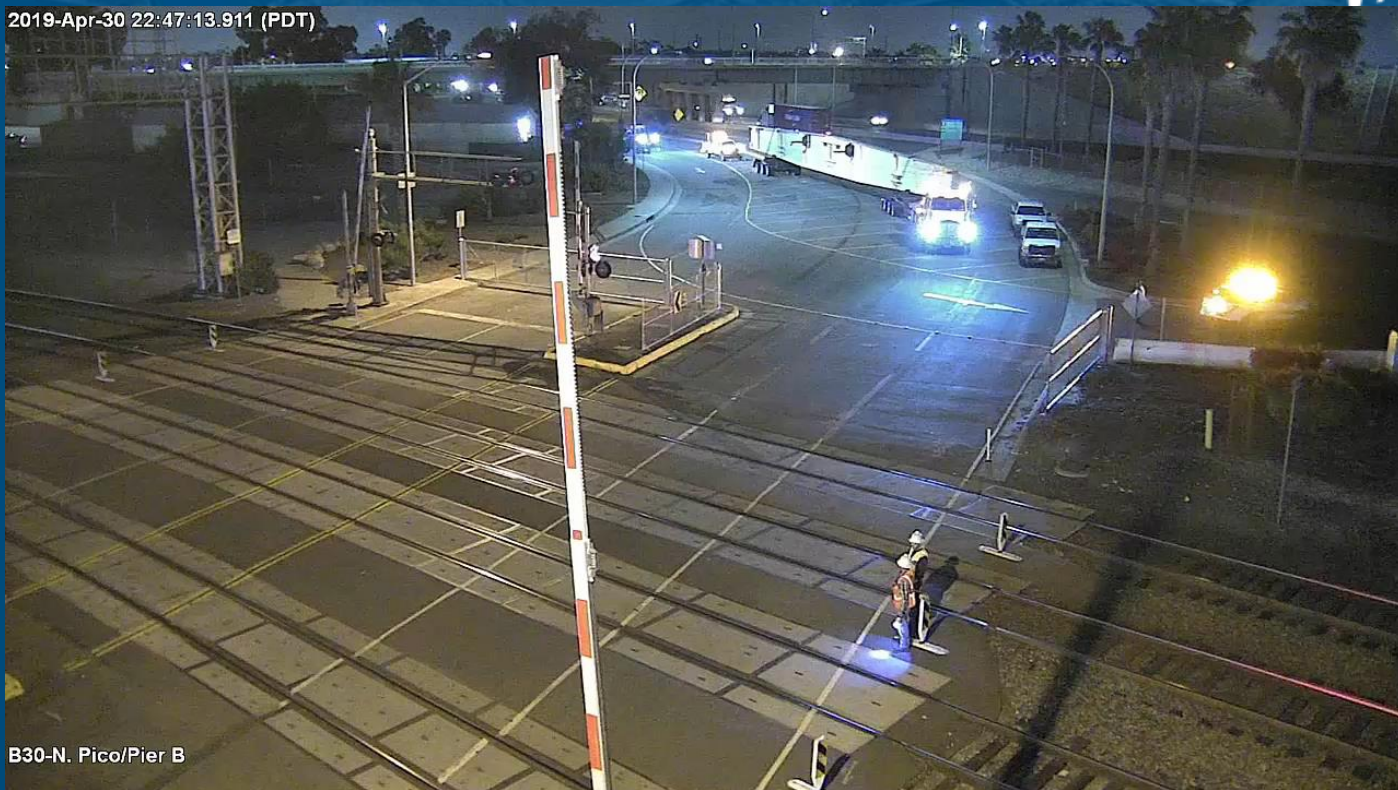


PICO AVE & 9TH ST/I-710 OFF RAMP



PICO AVE & 9TH ST/I-710 OFF RAMP

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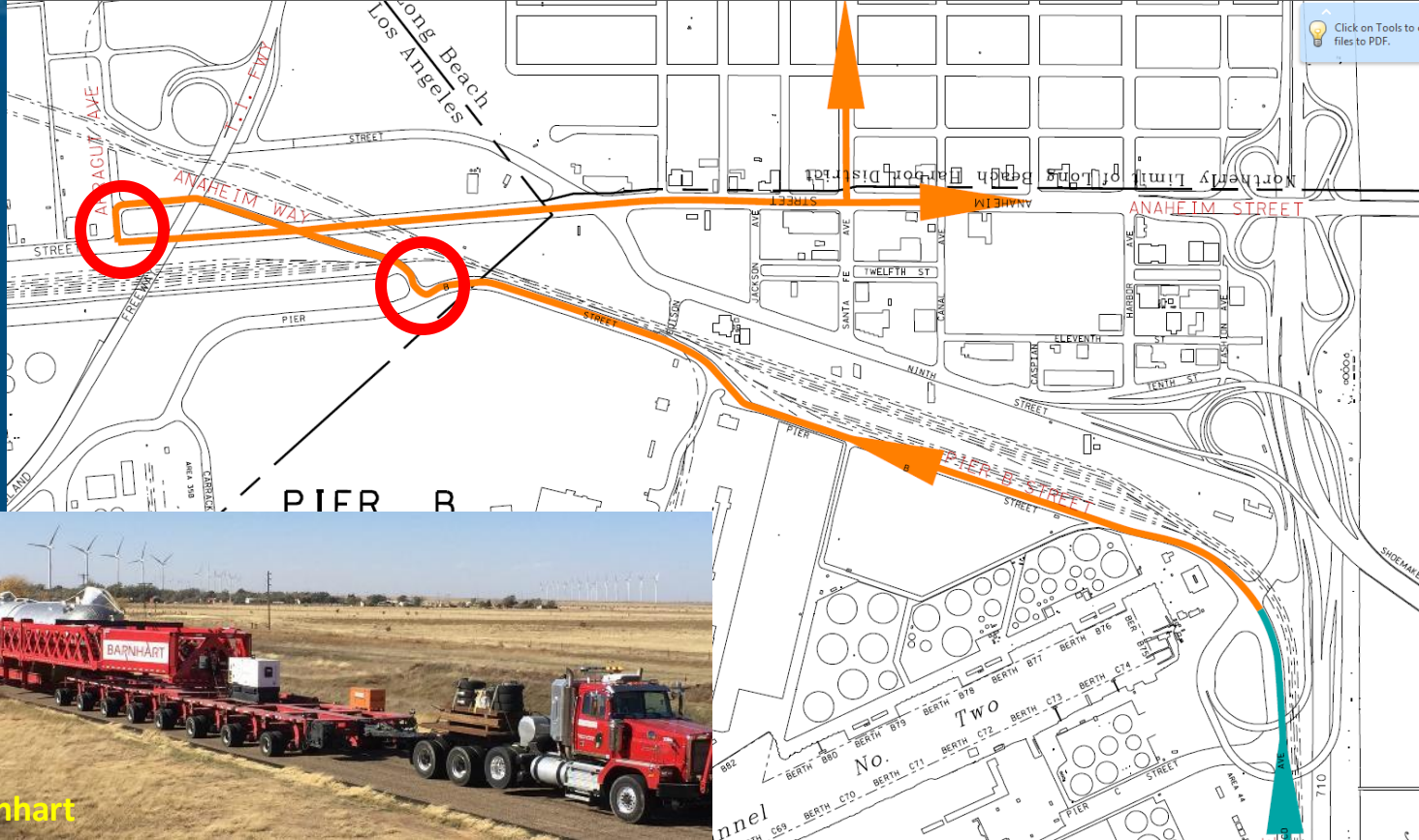
B30-N. Pico/Pier B

SUPER SIZE LOADS



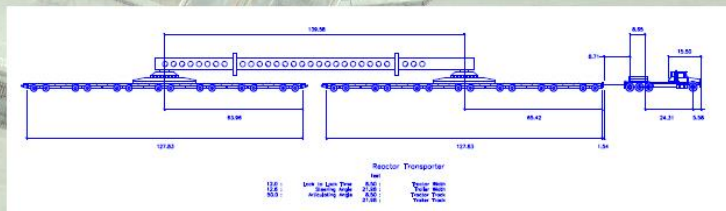
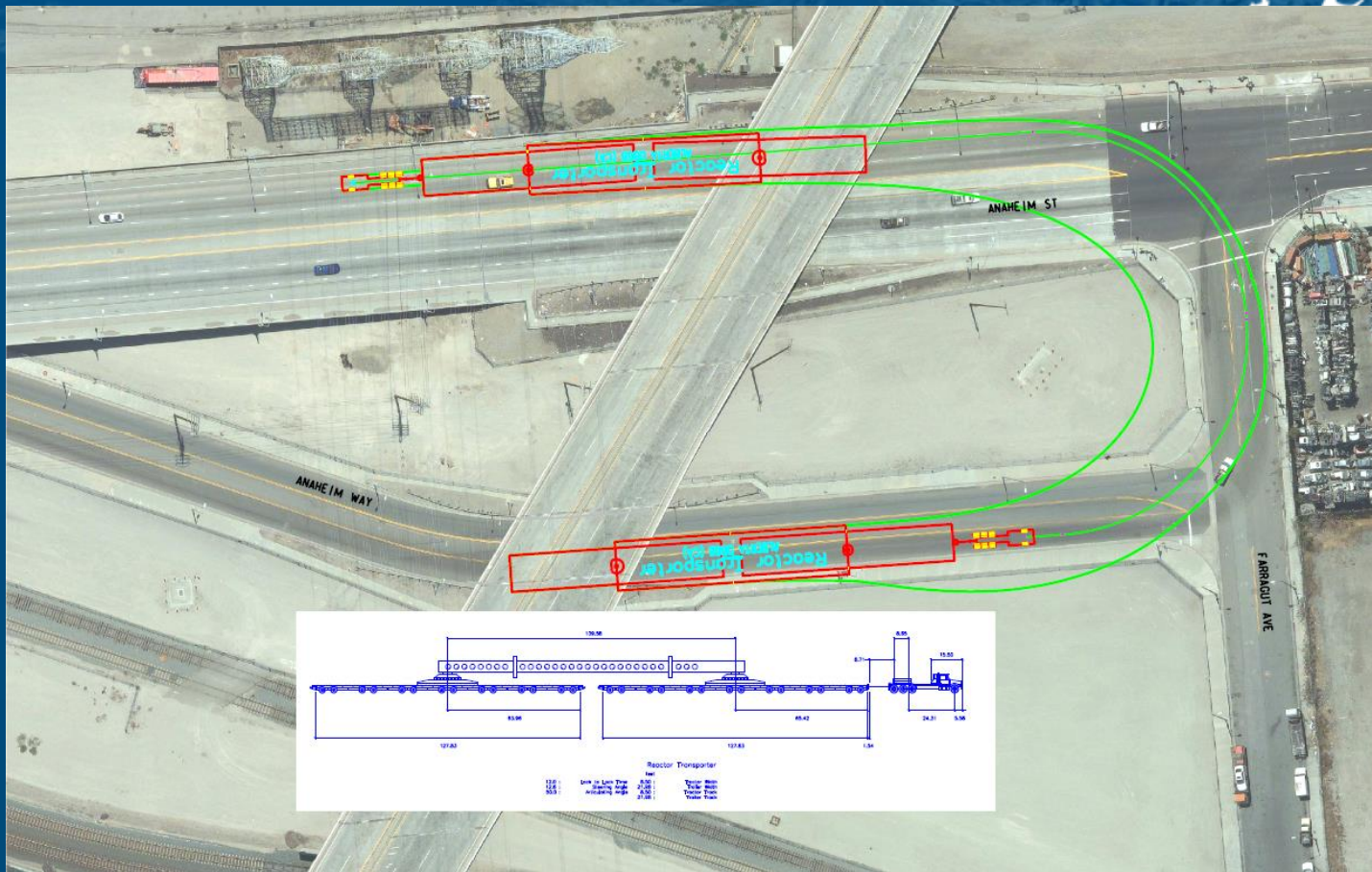
Source: Barnhart

SUPER SIZE LOADS – PERMANENT SOLUTION



Source: Barnhart

SUPER SIZE LOADS



CONSTRAINTS/ROADWAY IMPROVEMENTS



- Obtaining necessary construction permits from City of Los Angeles
- Intersection curb and gutter modification
- Widening of Farragut Avenue on the east side and Anaheim Way on the north or south side within The Port of Long Beach owned property

CONSTRAINTS/ROADWAY IMPROVEMENTS



- Street lights relocation
- Sidewalk and curb ramp improvements
- Traffic signal pole replacement and relocation
- Catch basin relocation

A feasibility Study is underway

WHERE DO WE GO FROM HERE



- **Will the Port of Long Beach be able to accommodate these oversize trucks?**
- **Will the oversize cargo have to find another Port?**
- **Will City of Los Angeles accept a blanket load rating analysis to permit the oversize truck every year?**

Answers to these Questions -----

OVERSIZE TRUCK



FIND OUT MORE WHEN YOU COME BACK TO

9TH



2021

8TH METRANS

International Urban Freight Conference
October **2021** Long Beach, CA

REMEMBER

IT'S JUST NOT BOXES AT THE PORT, THE CARGO COMES IN ALL SHAPES AND SIZES!!



THANK YOU

QUESTIONS, COMMENTS, CONCERNS ???