



# LOSSAN

## Coastal Rail Corridor

San Diego Segment

Los Angeles • San Diego • San Luis Obispo



Building Today. Boarding Tomorrow.

# Del Mar Tunnel Update

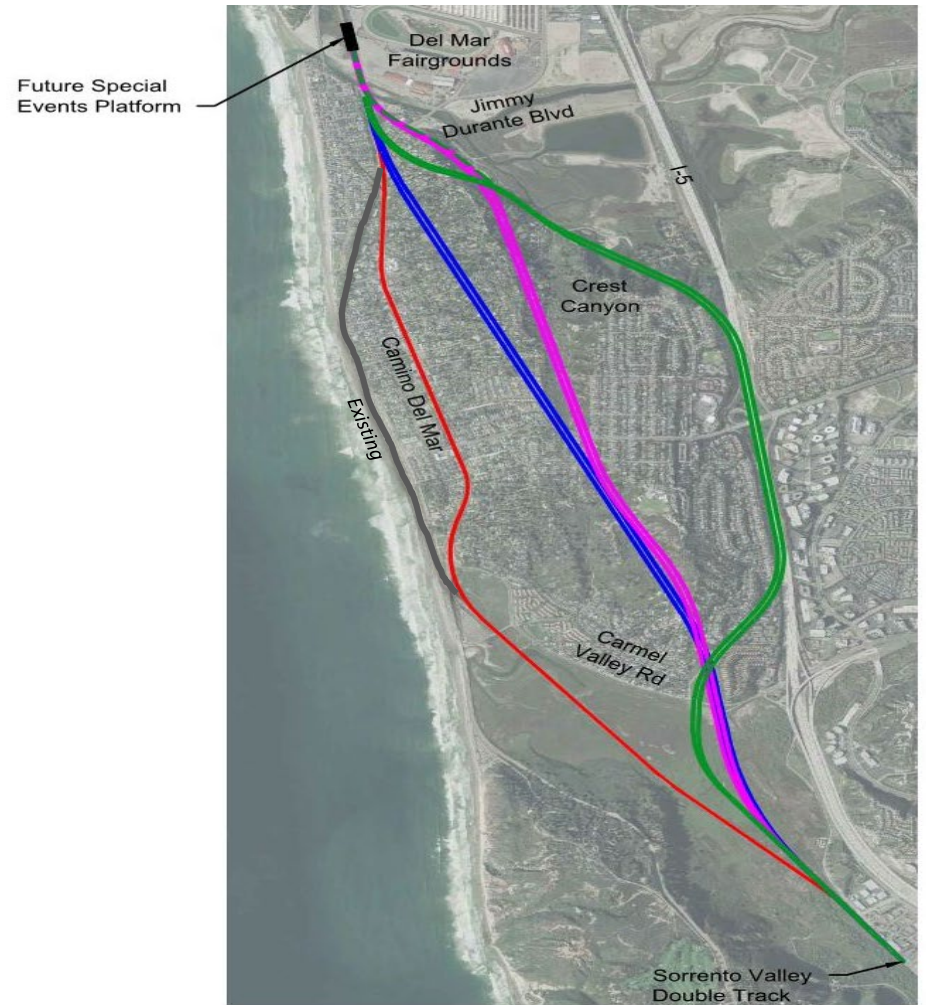
April 2019

[KeepSanDiegoMoving.com](http://KeepSanDiegoMoving.com)

# Long Term Planning - Del Mar Tunnel Alignment Alternatives

Studied five alignments from Del Mar Fairgrounds to Sorrento Valley as part of San Dieguito Double Track Project

Conceptual Engineering and Environmental Constraints Report in 2017





# Camino Del Mar Tunnel





# Crest Canyon – Higher Speed Tunnel



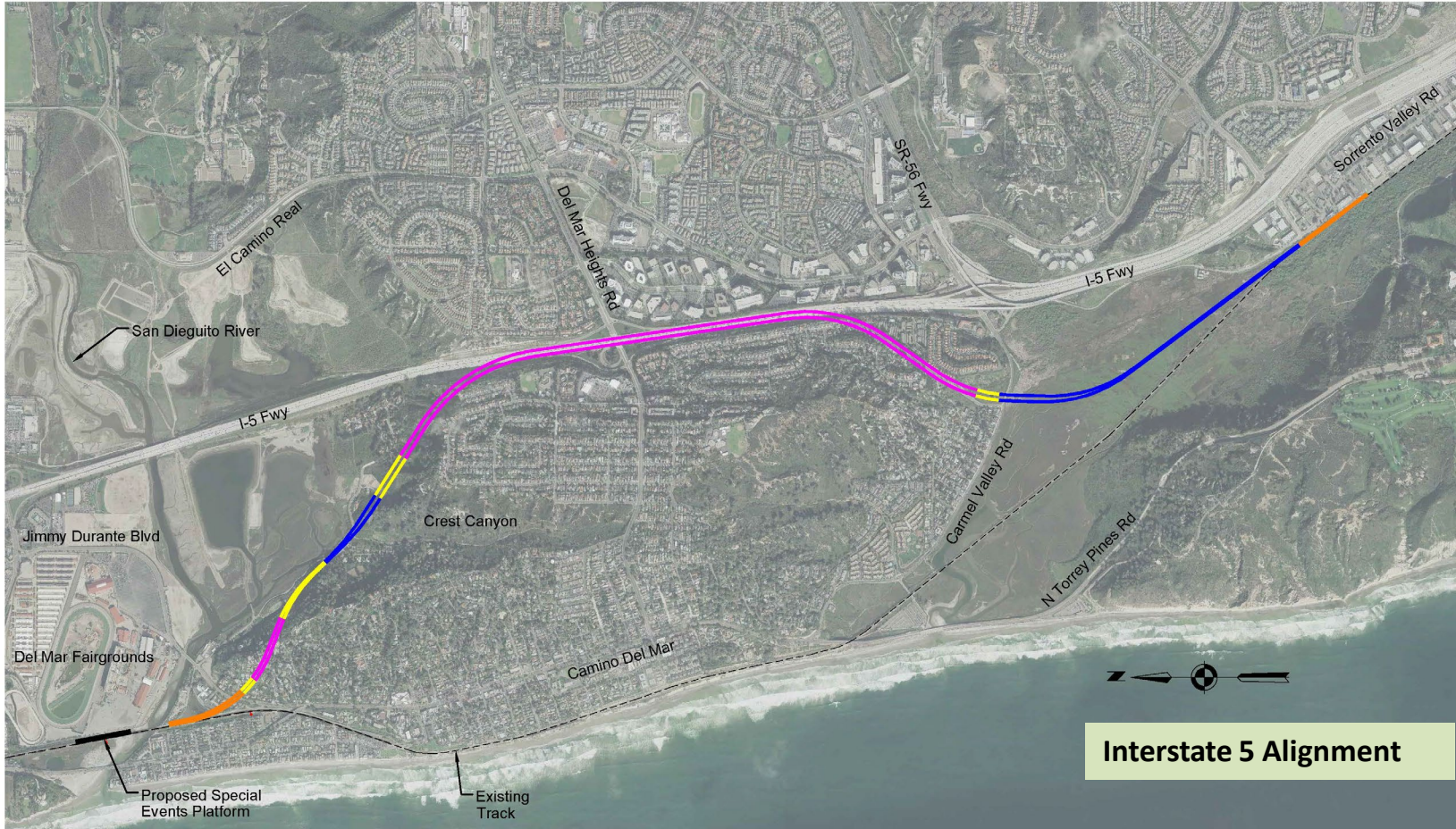


# Crest Canyon Tunnel





# Interstate 5 Tunnel



## ALIGNMENT KEY

GRADED	Orange line
TRENCH	Yellow line
TUNNEL	Purple line
BRIDGE	Blue line



# Interstate 5 East Tunnel



# 2017 Summary Comparison: Cost and Description



Issue Area	Alternative Alignment				
	Camino Del Mar	Crest Canyon Higher Speed	Crest Canyon	I-5	I-5 East
<b>Total Cost (2017 \$B)</b>	<b>\$2.5</b>	<b>\$3.0</b>	<b>\$3.1</b>	<b>\$3.5</b>	<b>\$3.3</b>
Total Length (mi)	5.0	4.8	4.9	5.3	5.2
Tunnel Length (ft)	10,200	13,200	12,700	13,400	11,600
Type	Cut/cover	Twin bored	Twin bored	Twin bored	Twin bored
Depth (ft)	10-70	Up to 270	Up to 250	Up to 120	Up to 120
<b>Travel Time (minutes)</b>	<b>6</b>	<b>3.2</b>	<b>3.7</b>	<b>5.4</b>	<b>5.3</b>

Source: Conceptual Engineering and Environmental Constraints for Double Track Alignment Alternatives Between Del Mar Fairgrounds and Sorrento Valley, SANDAG, December 2017



# Next Steps

- For the tunnel, if funding allocated
  - Conduct a comparative analysis in order to reduce the number of tunnel alternative alignments
  - Consider capital and operating costs



# LOSSAN Coastal Rail Corridor



**QUESTIONS?**

[KeepSanDiegoMoving.com/LOSSAN](http://KeepSanDiegoMoving.com/LOSSAN)