



Interstate 5 Corridor Projects

Caltrans Presentation to CTC

March 20, 2014



I-5 Corridor Projects



I-5 Corridor Benefits



- ❖ Improve access, efficiency and integration of multi-modal transportation system.
- ❖ Substantially increase capacity to handle forecasted traffic demands and improve safety.
- ❖ Reduce travel time delays and congestion related accidents.
- ❖ Improve freeway Level Of Service during AM and PM hours.
- ❖ Have a positive impact on community disruption and improve air and noise quality improvement.



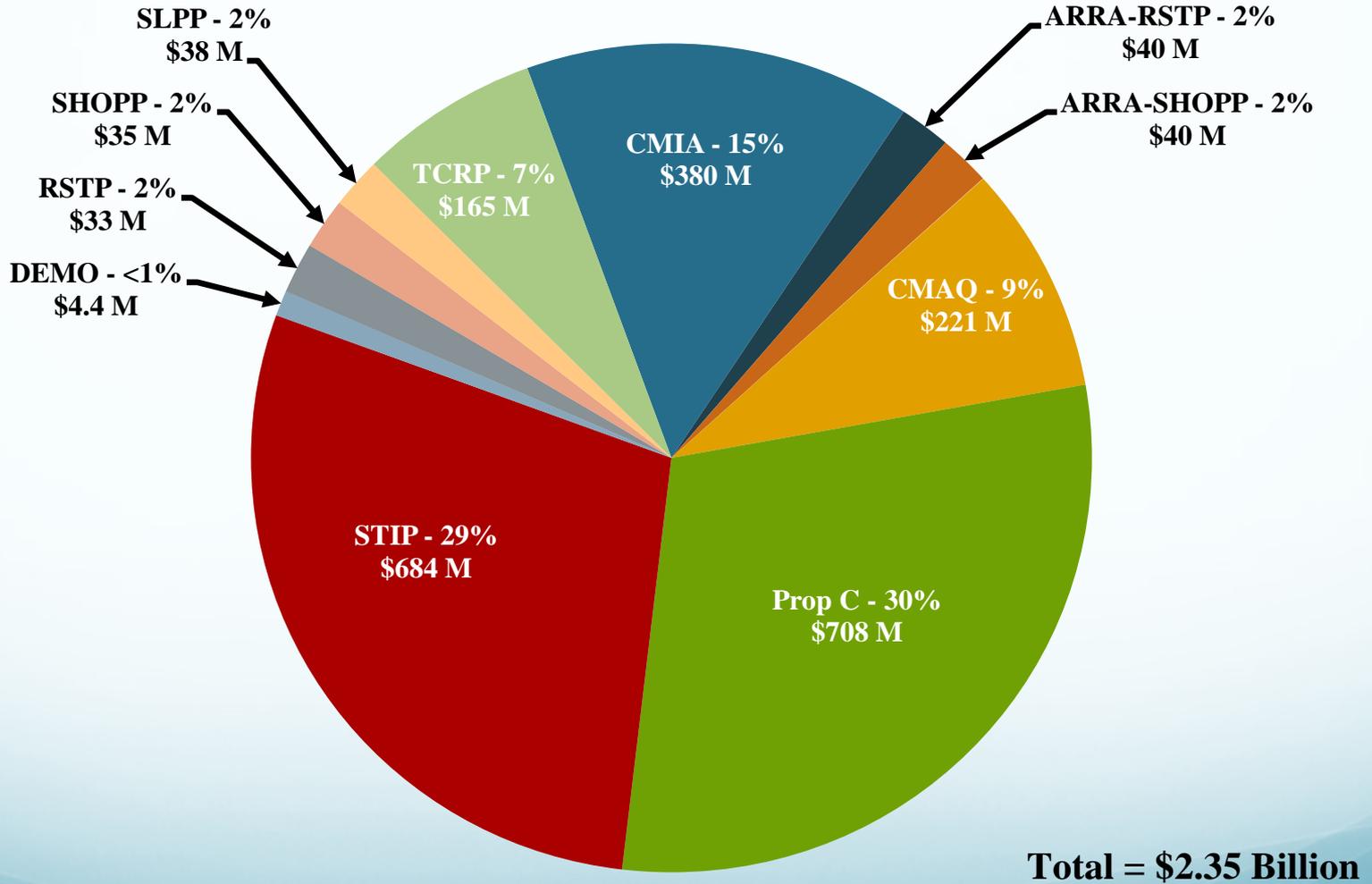
Interstate 5 in Los Angeles County



Interstate 5 in Orange County



I-5 Corridor Funding Sources



Total = \$2.35 Billion



Total I-5 South Investment

CMIA
\$315million

CMAQ
\$111million

STIP
\$469 million

SHOPP
\$35 million

PROP C
\$405 million

DEMO
\$4 million

TCRP
\$125 million

TOTAL COST
\$1,464
million



Total I-5 North Investment

CMIA
\$65 million

ARRA RSTP
\$40 million

ARRA SHOPP
\$40 million

STIP
\$215 million

SLPP
\$38 million

RSTP
\$33 million

PROP C
\$303 million

DEMO
\$400,000

CMAQ
\$110 million

TCRP
\$40 million

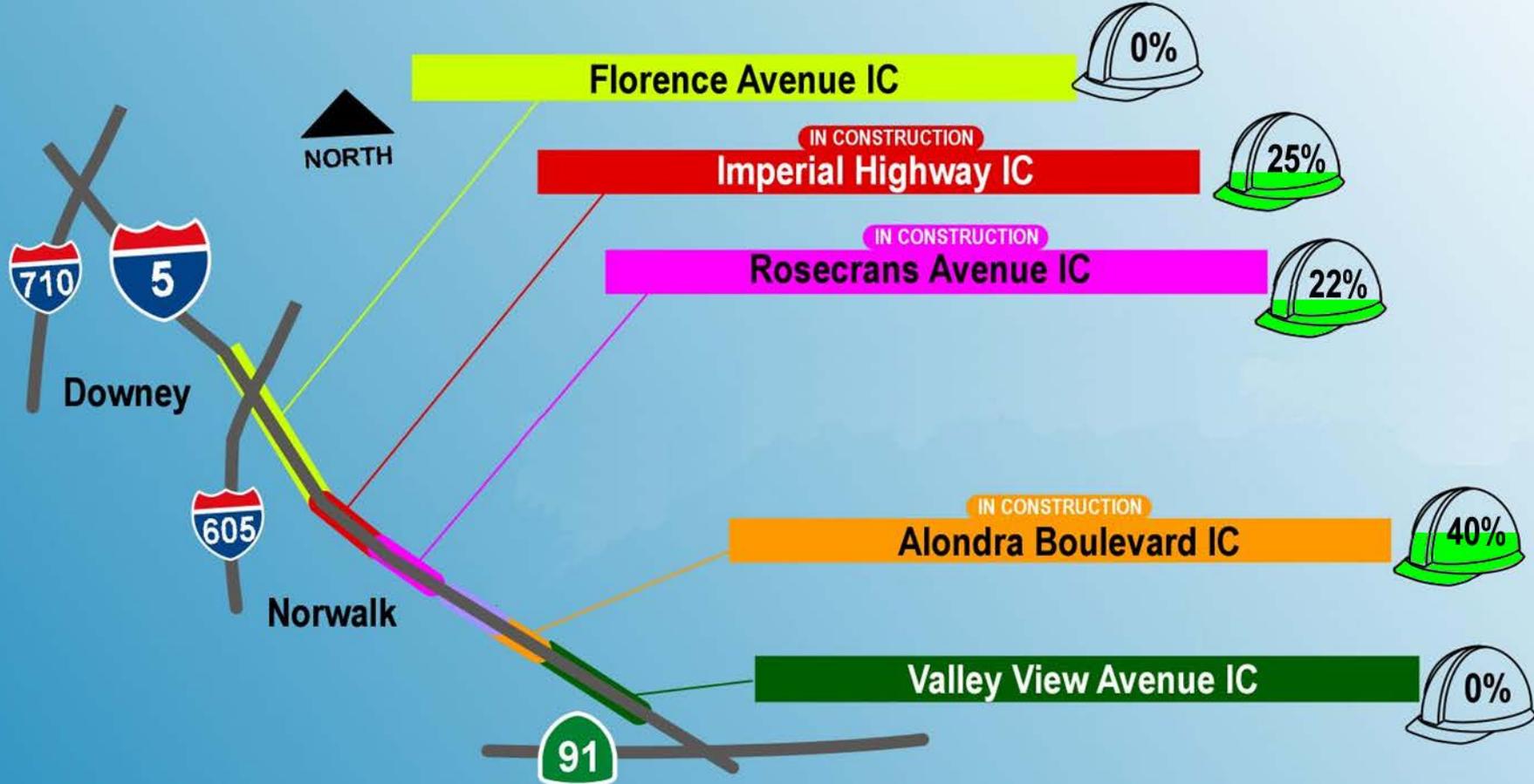
TOTAL COST
\$884
million

TOLL-FREE I-5 INFO LINE:
(855) 454 6335



I-5 South Corridor Improvement Projects

WEBSITE:
I-5info.com



This map is not to scale



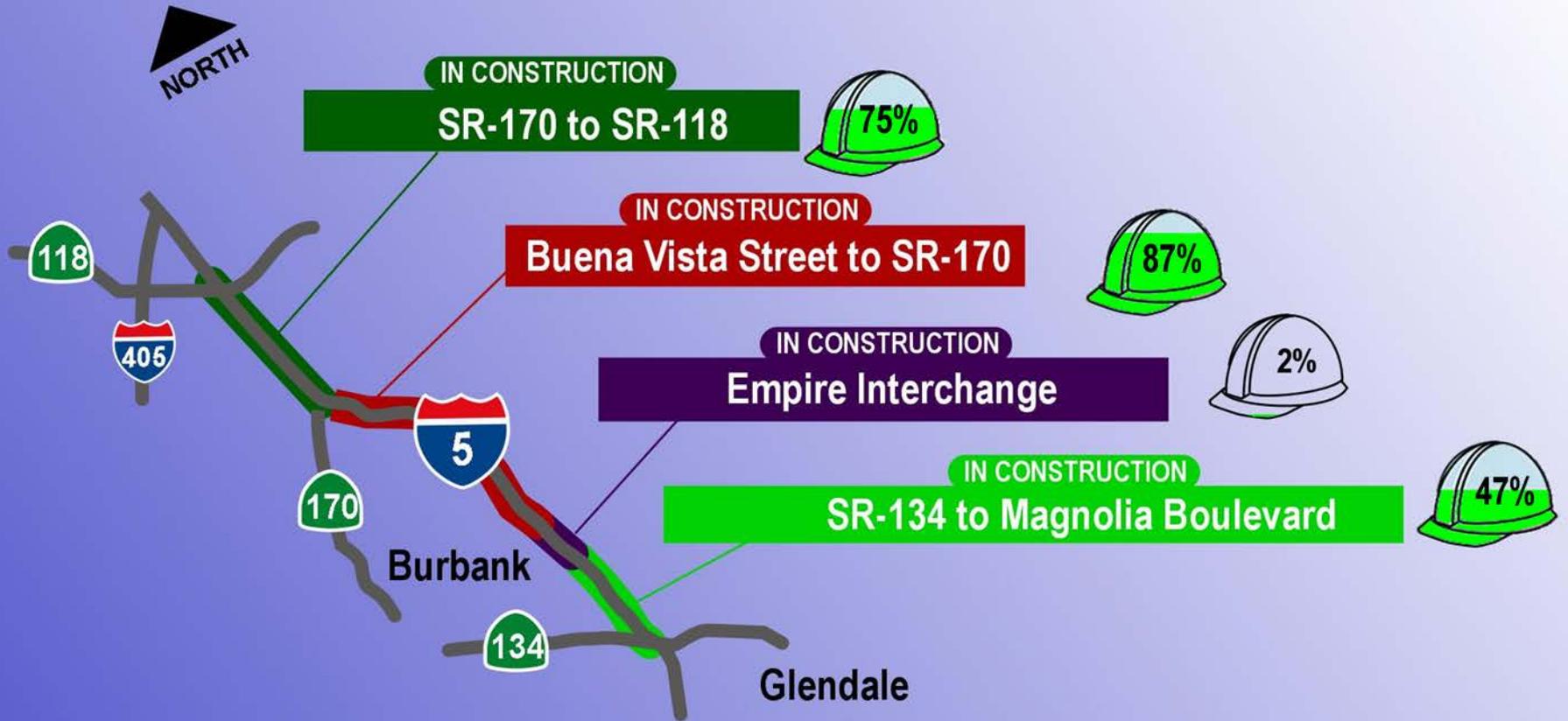
Schedule/Cost for I-5 South



PROJECT	Current CCA	Programmed Funds (\$million)	Current Cost Estimate (\$million)	Cost Difference
Florence Ave. IC (Segment 5)	Late 2019	215	190	25
Imperial Hwy IC (Segment 4)	Late 2018	370	370	0
Rosecrans IC (Segment 3)	Late 2019	180	180	0
Alondra IC (Segment 1)	Late 2017	97	109	(12)
Valley View Ave. IC (Segment 2)	Late 2019	602	615	(13)
TOTAL - CMIA CORRIDOR		1,464	1,464	0



I-5 North: State Route 134 to State Route 118



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Schedule/Cost for I-5 North



PROJECT	Current CCA	Programmed Funds (\$million)	Current Cost Estimate (\$million)	Savings
SR-170 to SR- 118 (Segment 1)	Late 2017	248	222	26
Buena Vista St to SR-170 (Segment 2)	Late 2016	129	101	28
Empire Ave IC (Segment 3)	Mid 2019	356	363	(7)
SR-134 to Magnolia Blvd (Segment 4)	Late 2017	151	116	35
TOTAL - CMIA CORRIDOR		884 (\$million)	802 (\$million)	82 (\$million)



CMIA projects South/North



PROJECT	Current CCA	Programmed Funds (\$million)	Current Cost Estimate (\$million)	Cost Difference
Imperial Hwy IC (Segment 4)	Late 2018	370	370	0
Rosecrans IC (Segment 3)	Late 2019	180	180	0
Alondra IC (Segment 1)	Late 2017	97	109	(12)
Empire Ave IC (Segment 3)	Mid 2019	356	363	(7)
TOTAL - CMIA Projects		1,003	1,022	(19)*

* Funded from other non CMIA-funded projects in the corridor



Risk Analysis for the Corridor



Key risks being actively managed include:

- ✓ Delay in Utility Relocations
- ✓ ROW litigations
- ✓ Hard driving of piles
- ✓ Overhead power lines in conflict with pile driving
- ✓ Change soundwall block

CMIA - 14%
\$380 M

CMIA - 14%
\$222 M

SNIP - 21.1%
\$574 M



Risk Analysis for the Corridor



Key risks being actively managed include:

- ✓ Changing soundwall footing type
- ✓ Super Fund Site (Contaminated site) CMIA - 14%
\$380 M
- ✓ Discovery of unknown utilities
- ✓ Staging coordination between each Segment, and addressing local traffic demands CMIA - 14%
\$222 M CMIP - 21.1%
\$574 M



Risk Analysis for the Corridor

Potential Risk-Associated Costs

I-5 South

Identified risk estimate	\$48.5 million	
<u>Available project contingency</u>	<u>\$45.6 million</u>	14%
Potential shortfall	(\$2.9 million)	6%

I-5 North

Identified risk estimate	\$45.0 million	14%
<u>Available project contingency</u>	<u>\$28.6 million</u>	STIP - 21.1%
Potential shortfall	(\$16.4 million)	\$574 M
<u>Available Local savings</u>	<u>\$82.1 million</u>	
Projected surplus	\$65.7 million	

Total Savings \$62.8 Million



I-5 Corridor Summary



- ❖ Only One Project Left To Be Advertised
- ❖ Both I-5 South And I-5 South Are Fully Funded
- ❖ We Are Actively Managing The Projects And The Risk
- ❖ Funding Is Available To Backstop Identified Risks
- ❖ Full Corridor Benefits To Be Realized By 2019