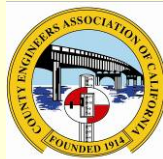


Statewide Local Streets & Roads Needs Assessment 2010 Update

CEAC Transportation Policy Committee
Riverside, CA
November 17, 2010



RTPA
RCTF

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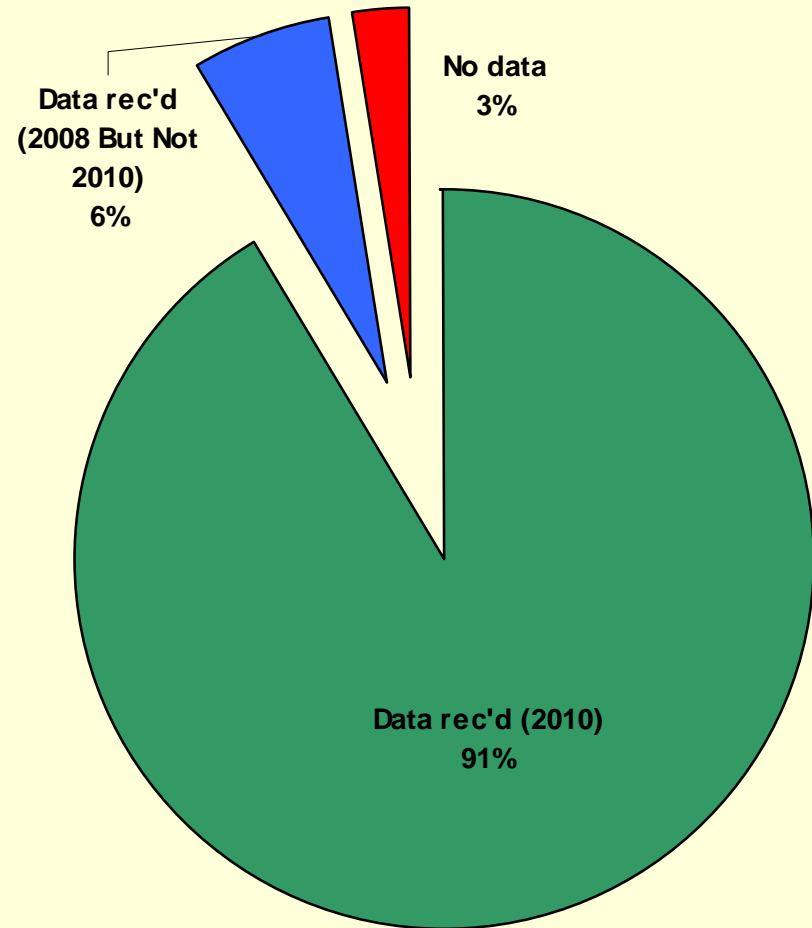
2010 Objectives

- What is change in pavement conditions statewide?
- How much will it cost to maintain pavements?
- What are safety, traffic & regulatory needs?
- What is the shortfall?
- What is impact of other funding scenarios?

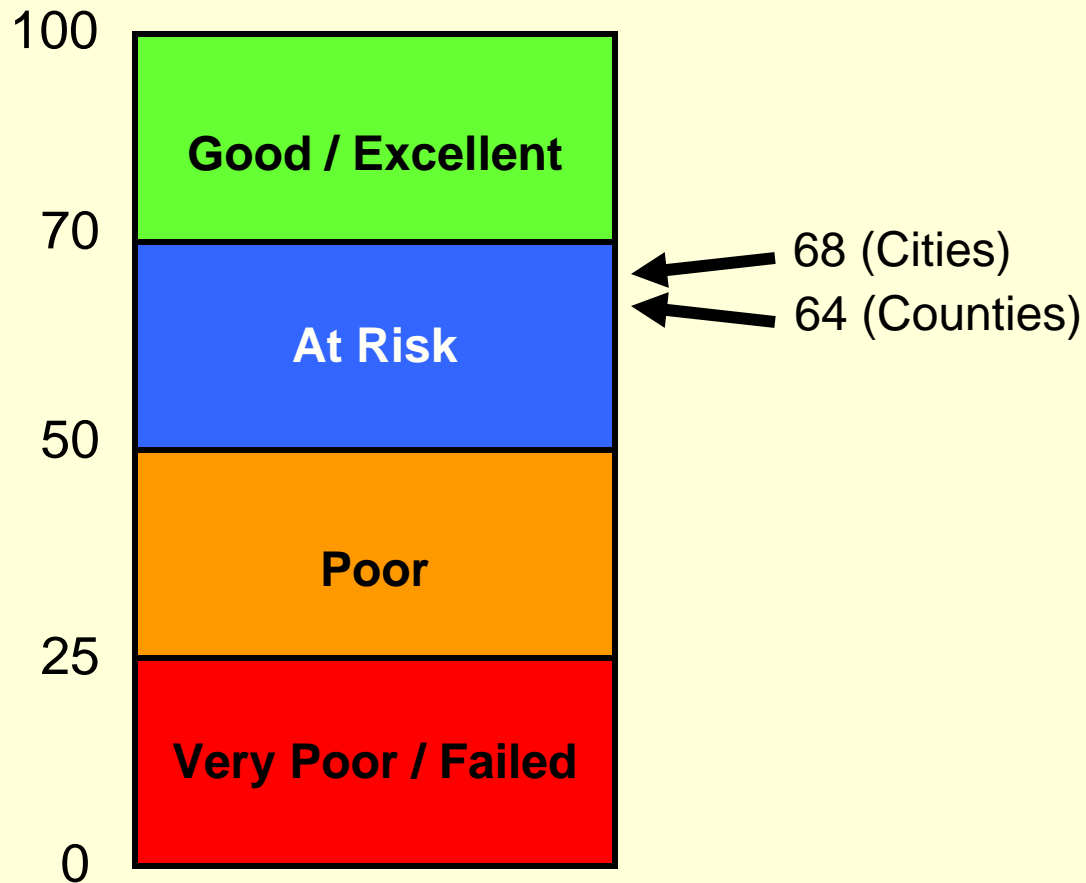


Responses by Mileage

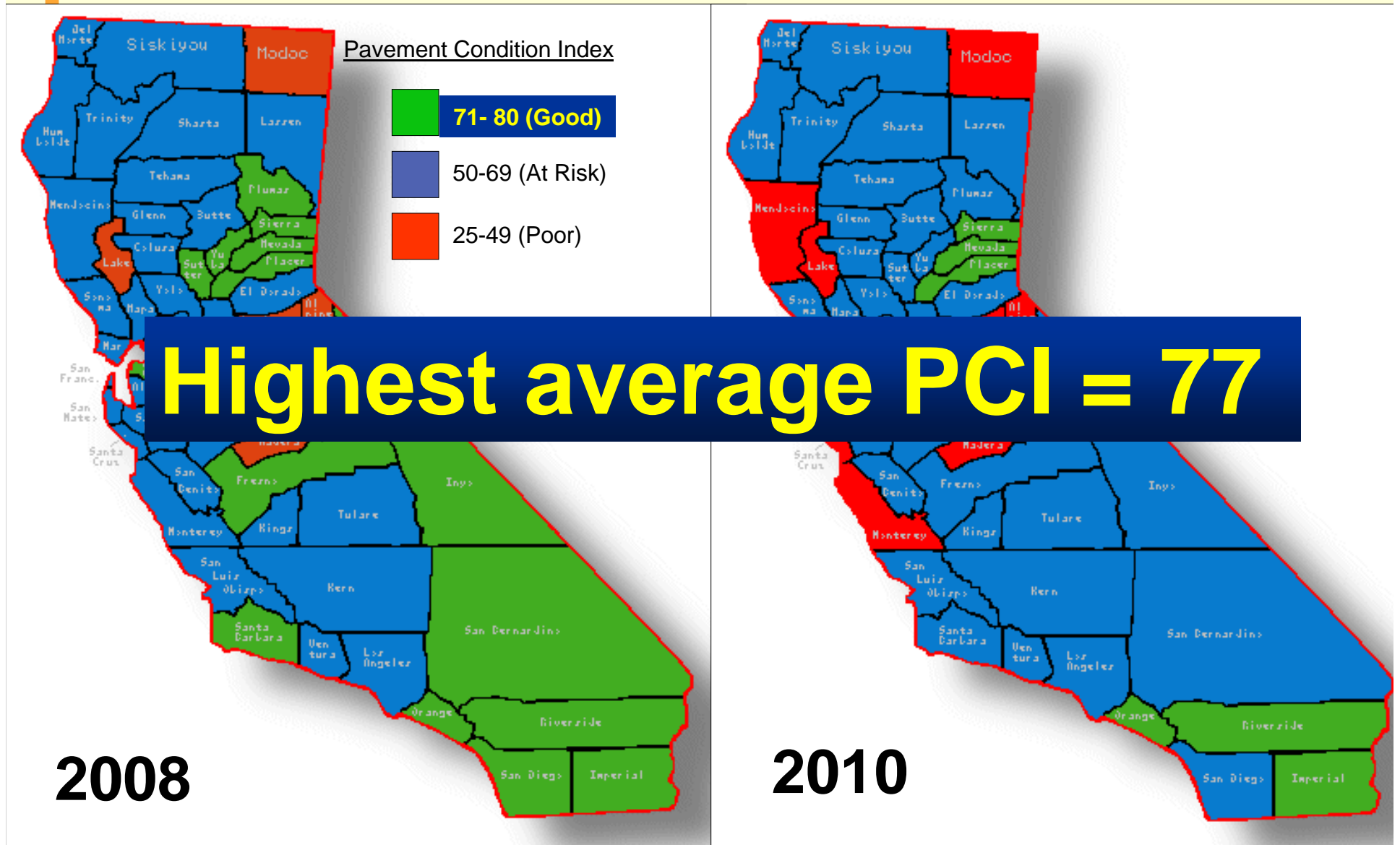
- 399 responses
- 75 new agencies
- Covers 97% miles!
- 56 no responses
 - 50 have popⁿ < 50,000
 - 47 have < 100 miles



Average Statewide PCI



2008 vs. 2010 PCIs



Pavement Needs (10 years)

| | 2008 | 2010 |
|--------------------------------|------|------|
| Pavement Needs (\$ billion) | 67.6 | 70.5 |

- CPI-U between July 2008 to July 2010 decreased -0.6%



Essential Components

- Includes safety, traffic and regulatory needs

| | 2008 | 2010 |
|----------------------------------------|------|-------|
| Essential Component Needs (\$ billion) | 32.1 | \$29* |

*NPDES data not yet included



NPDES Case Studies

- NPDES as a % of transportation expenditures
- Municipal (MS4) permits
 - Small city = 17%
 - Large city = 15%
 - County = 5%



Pavement Revenues*

| Revenues (\$M) | 2008/09 | 2009/10 | Future | % of total |
|----------------|-----------------|-----------------|-------------------|-------------|
| Federal** | \$ 167 | \$ 390 | \$ 68 | 6% |
| State | \$ 1,032 | \$ 819 | \$ 698 | 61% |
| Local | \$ 458 | \$ 453 | \$ 674 | 33% |
| Total | \$ 1,658 | \$ 1,663 | \$ 1,140 ↓ | 100% |

* Based on 300 responses


** ARRA accounted for \$343 million (\$50 m in 2008/09, \$293 m in 2009/10)

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Gas Tax Trends

| Gas Tax | 2008/09 | 2009/10 | Future |
|----------------|----------------|----------------|---------------------------------------------------------------------------------------------------|
| Prop 42 (\$M) | \$ 223 | \$ 144 | \$ 83 |
| HUTA (\$M) | \$ 457 | \$ 421 | \$ 472 |
| Total | \$ 680 | \$ 564 | \$ 555  |

% of total revenues

41%

34%

49%

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General Fund Trends


| | 2008/09 | 2009/10 | Future |
|------------------------------|---------|---------|--------|
| # Agencies | 132 | 62 | 55 ↓ |
| General Fund (\$ million) | \$ 123 | \$ 74 | \$ 101 |

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Local Sales Tax Trends

| | 2008/09 | 2009/10 | Future |
|-------------------------|---------|---------|--------------------------------------------------------------------------------------------|
| Local Sales Tax (\$m) | \$ 174 | \$ 160 | \$ 185  |
| % of <u>local</u> funds | 38% | 35% | 49% |
| % of <u>total</u> funds | 10% | 10% | 16% |



Pavement Expenditures*

| Expenditures | 2008/09 | 2009/10 | Future |
|---------------------|-----------------|------------------|-----------------|
| Prev.Maint | \$ 239 | \$ 236 | \$ 203 |
| Rehab & Recon. | \$ 744 | \$ 884 | \$ 762 |
| Other | \$ 122 | \$ 108 | \$ 82 |
| Opns & Maint. | \$ 348 | \$ 343 | \$ 366 |
| Total | \$ 1,453 | \$ 1,571* | \$ 1,414 |

* Reflects ARRA projects – approx \$290 million

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Funding Shortfall

| Component | 2011-2020 (\$ billions) | | |
|----------------------|-------------------------|----------------|----------------|
| | Needs | Funding | Shortfall |
| Pavements | \$ 70.5 | \$ 14.2 | \$ 56.3 |
| Essential Components | \$ 29.1 | \$ 6.8 | \$ 22.3 |
| Bridges | \$ 3.3 | | |
| Totals | \$ 102.9 | \$ 21.0 | \$ 78.6 |

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Funding Scenarios

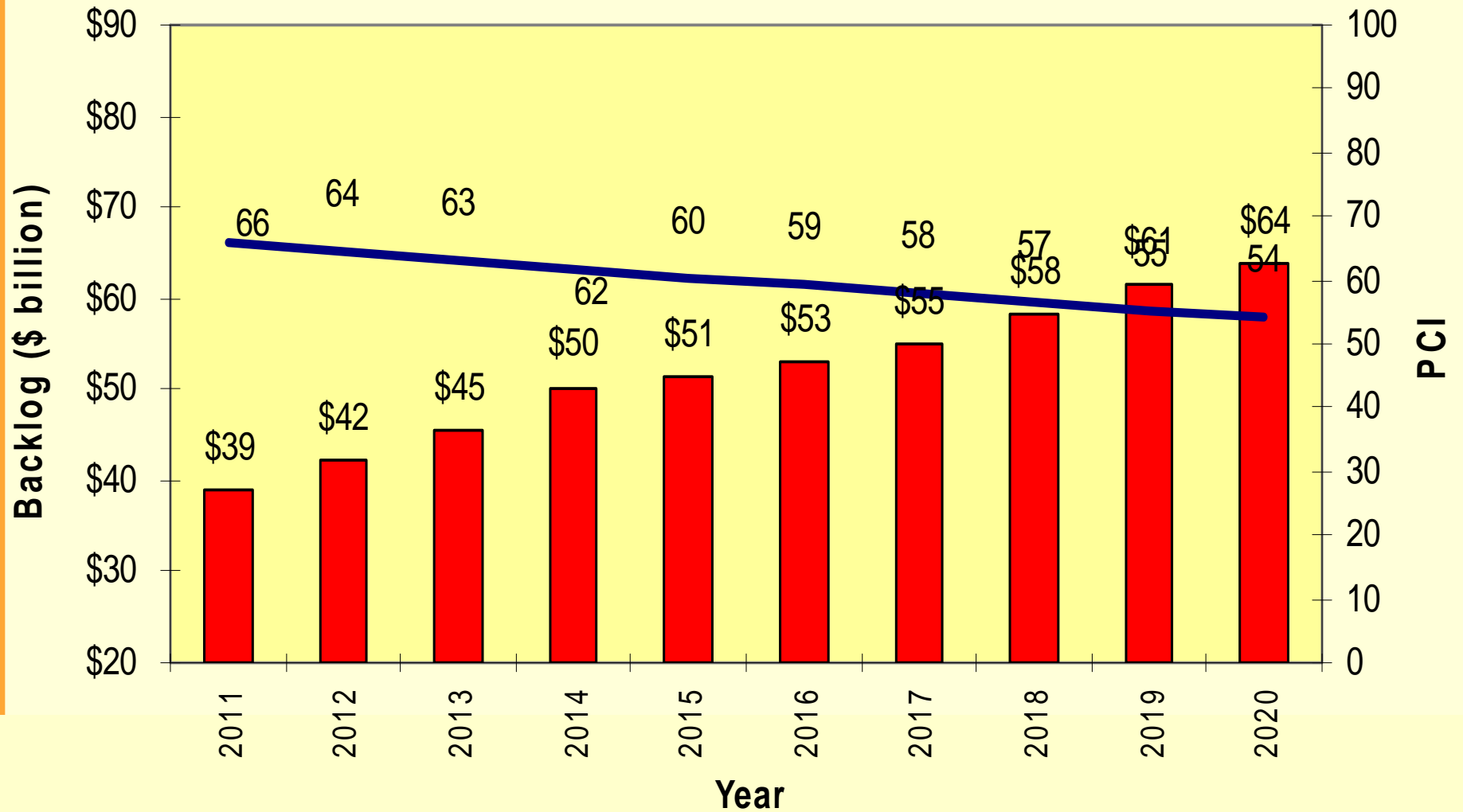
1. Existing funding

| | Projected Annual Expenditures (\$B) for 2011-2020 |
|---------------|--------------------------------------------------------------|
| 2008 Estimate | \$ 1.59 |
| 2010 Estimate | \$ 1.42 |

2. Impacts (PCI & backlog) if new HUTA is lost permanently
3. Impacts if HUTA+Prop. 42 taken for 3 years
4. Funding to maintain current PCI over next 10 years (steady state)



Existing Funding (\$1.42B/year)



Impacts of Different Funding

| Funding Scenarios | Annual Budget | Annual Budget | Annual Budget | Total (A and B) |
|-------------------|---------------|---------------|---------------|-----------------|
| Existing Funding | | | | 38.6 |
| Low PCI | | | \$ | 65.8 |
| Low PCI | 1.25 | 53 | \$ | 67.6 |
| Maintain PCI = 66 | 3.1 | 66 | \$ | 37.9 |

\$1 deferred today will cost \$1.53* by 2020
 (*assuming no increases in construction costs)

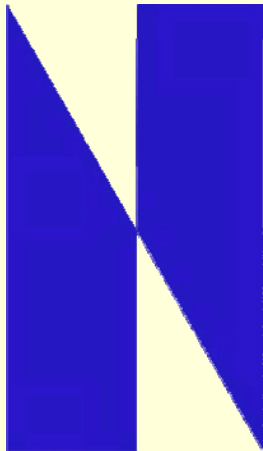
\$16.9B saves \$25.8B!

Next Steps

- November 2010
 - Draft report by Thanksgiving
- January 2011 – final report
 - To download a copy, go to:
www.SaveCaliforniaStreets.org
- March-April 2011 - integrate with CTC Statewide Transportation Infrastructure Report



Questions?



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