



National Association of  
City Transportation Officials

# Resetting City Streets for **Safety**

National Transportation Safety Board

May 2016





41 AV

TURNING  
CYCLES  
TO

WAIT  
FOR  
WALK  
SIGNAL

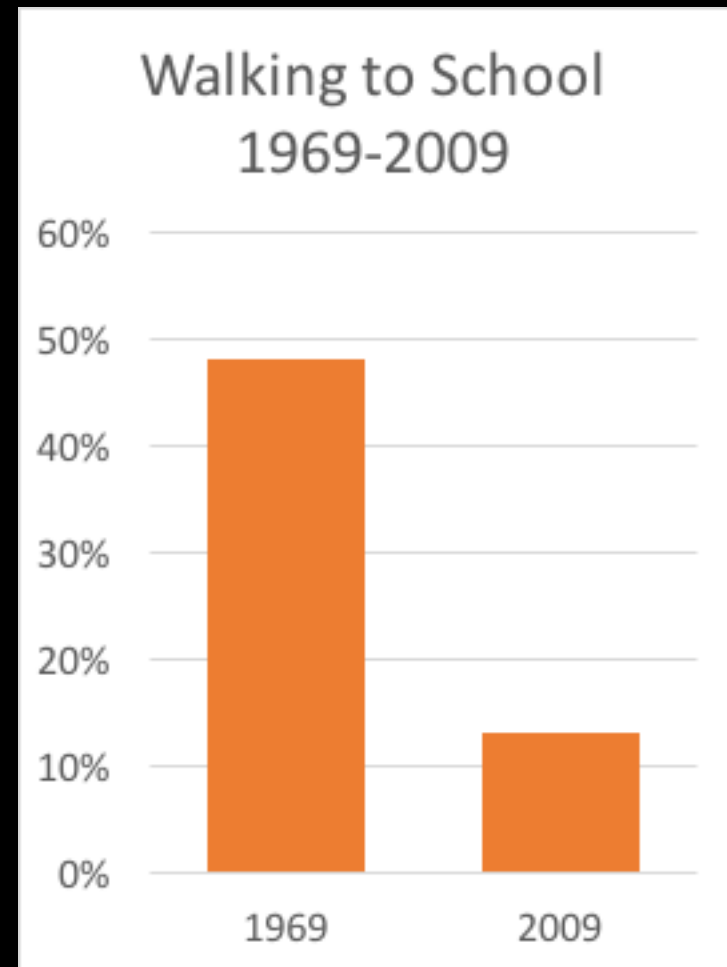
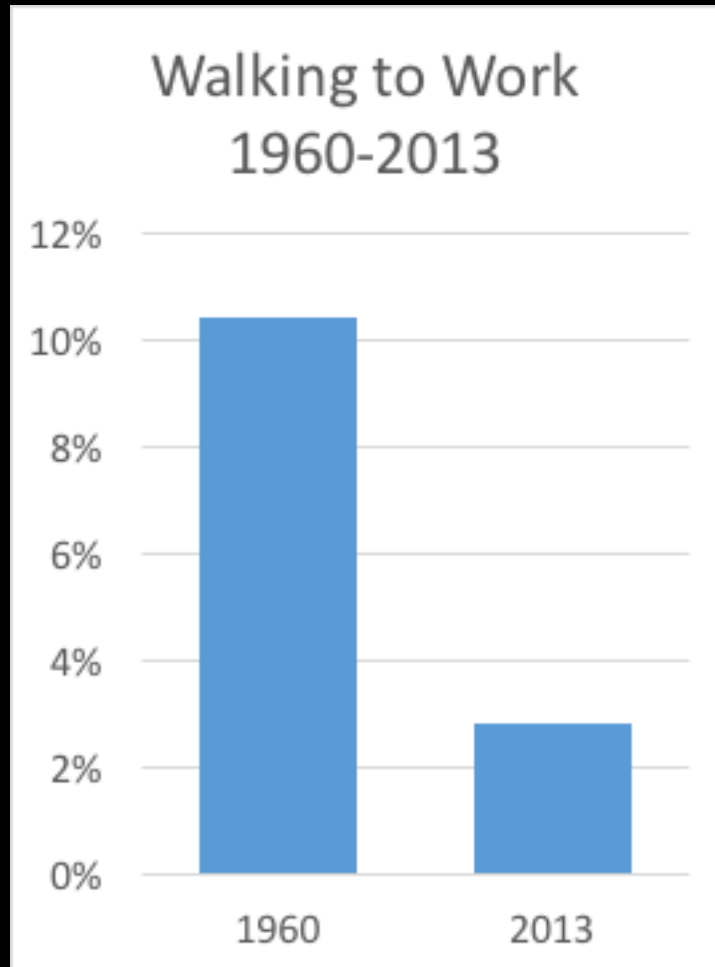
匯款中國  
MONEY  
匯通  
特電  
30 PMU  
PASSPORT  
PHOTO  
護照快相





WASHINGTON STREET IMPROVEMENT (BEFORE AND AFTER)

# Response: Walking Declined Significantly



Sources: U.S. Census via FHWA; National Center for Safe Routes to School

# What do we expect of our streets?

THEN

Speed  
Mobility  
Safety

NOW

Multi-Modal Options

Public Health/Safety

Economic Development

Environmental Quality

Community Building/Livability

Equity

# A Blueprint for 21<sup>st</sup> Century City Street Design



**Published  
September 2013**

**Endorsed by Federal Highway  
Administrator Victor Mendez**

**Endorsed by six states including  
California and 36 of the largest cities  
in the U.S.**

**Unique visitors to the website:  
78,346**

**Attendees at trainings and webinars:  
2,680**

**Urban  
Bikeway  
Design  
Guide**



Second Edition



National  
Association  
of City  
Transportation  
Officials

**State-of-the-Practice Innovation  
in Bikeway Design**

**Second Edition  
Fall 2012**





SPEED LIMIT 30  
SPEED CHECKED BY RADAR

ONE WAY

BUY MORE BREAD



LANE FIRE





**35% decrease in injuries to all street users** (8th Ave)

**58% decrease in injuries to all street users** (9th Ave)

**Up to 49% increase in retail sales** (Locally-based businesses on 9th Ave from 23rd to 31st Sts., compared to 3% borough-wide)

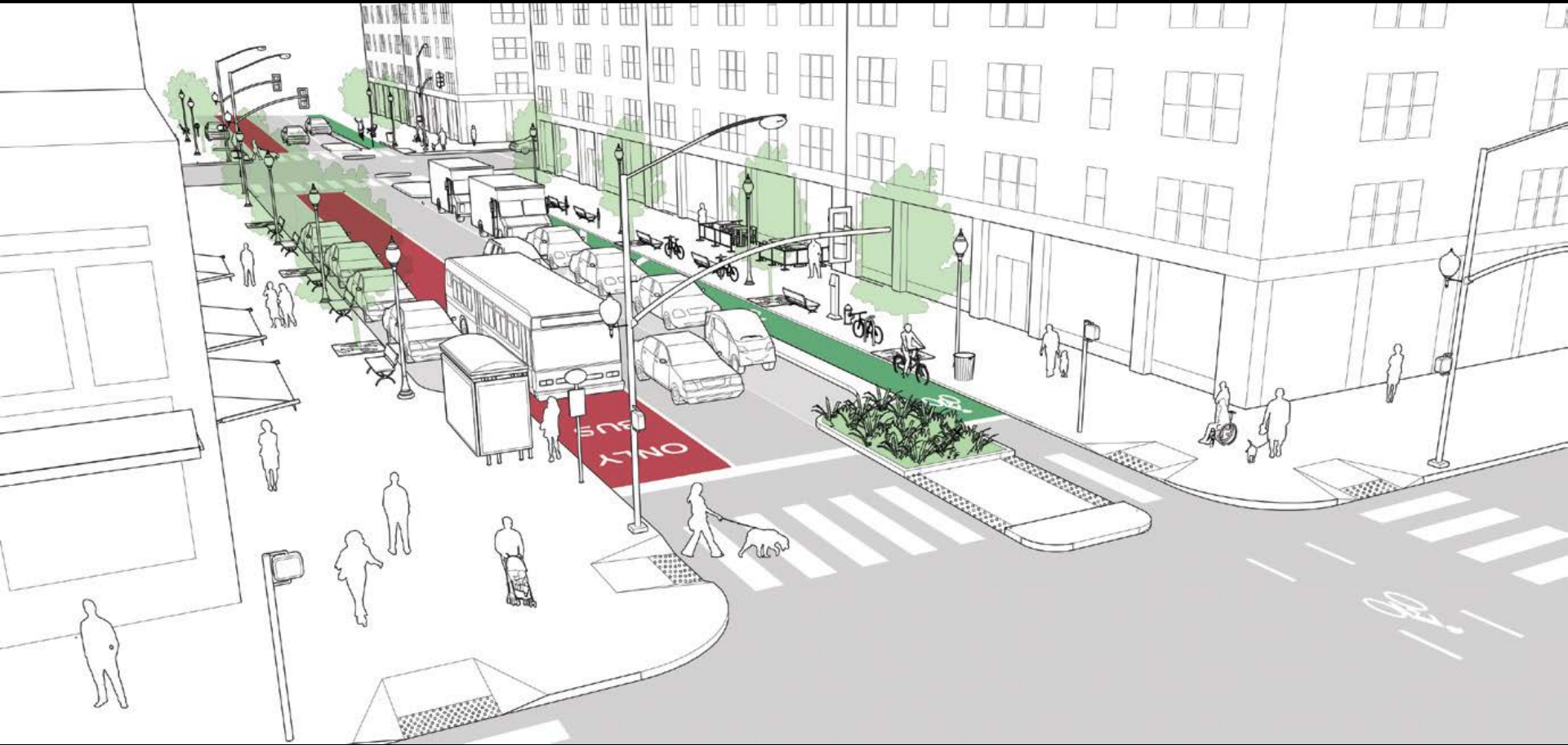


**Left turn bays and signal phases**

**Mixing zones for bicycles and left-turning vehicles**

**Parking-protected bike lane**

**Pedestrian safety islands**



# DESIGN CONTROLS

Hit  
at  
**40mph**

there's a 70%  
chance I'll die.

\*Approximate Figures



Hit  
at  
**30mph**

there's an 80%  
chance I'll live.

That's why it's

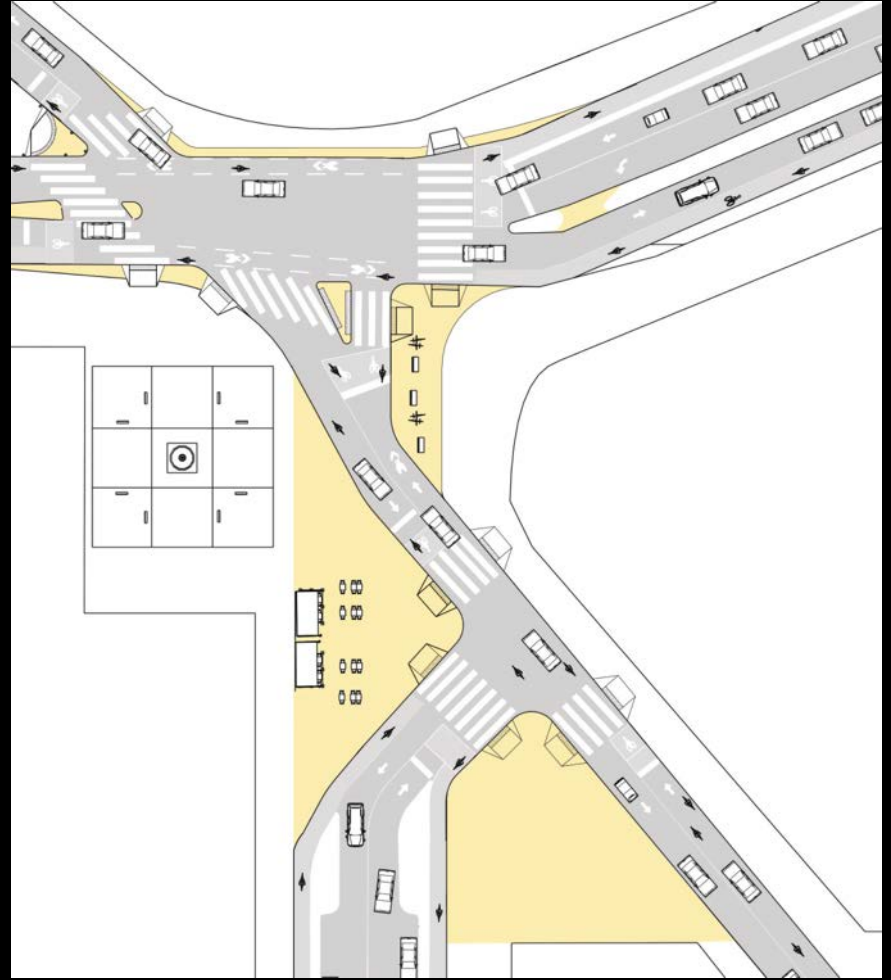
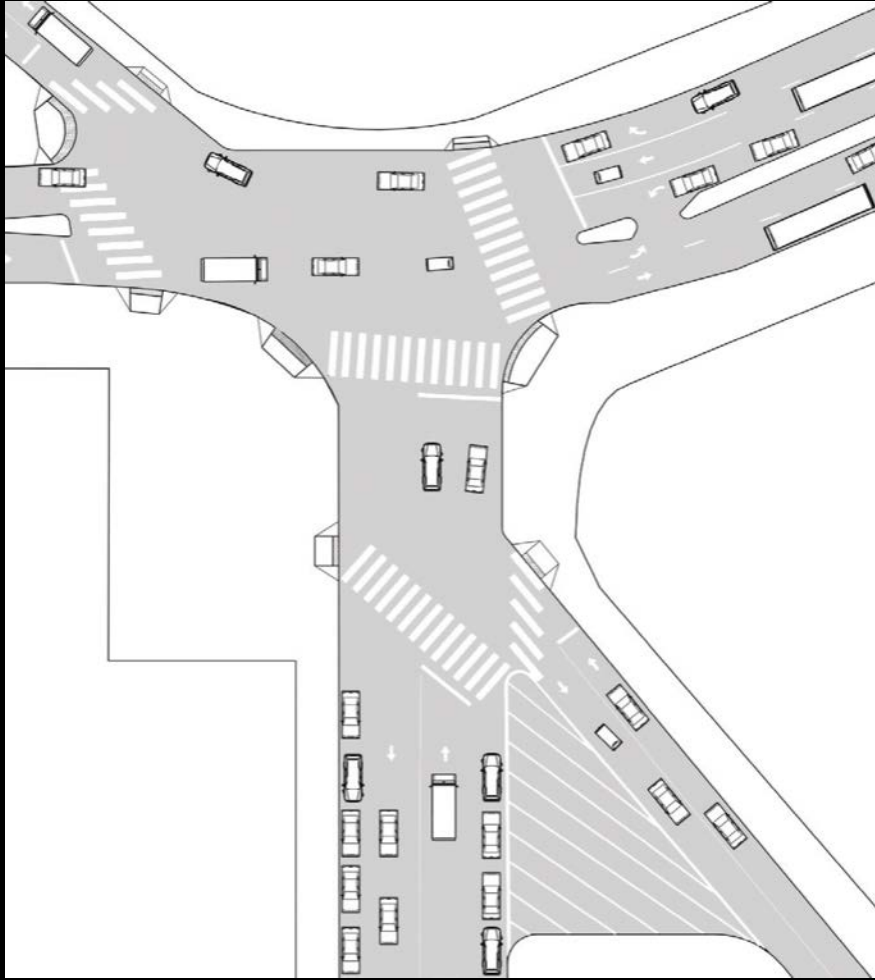


**Design Speed = Target Speed = Posted Speed**

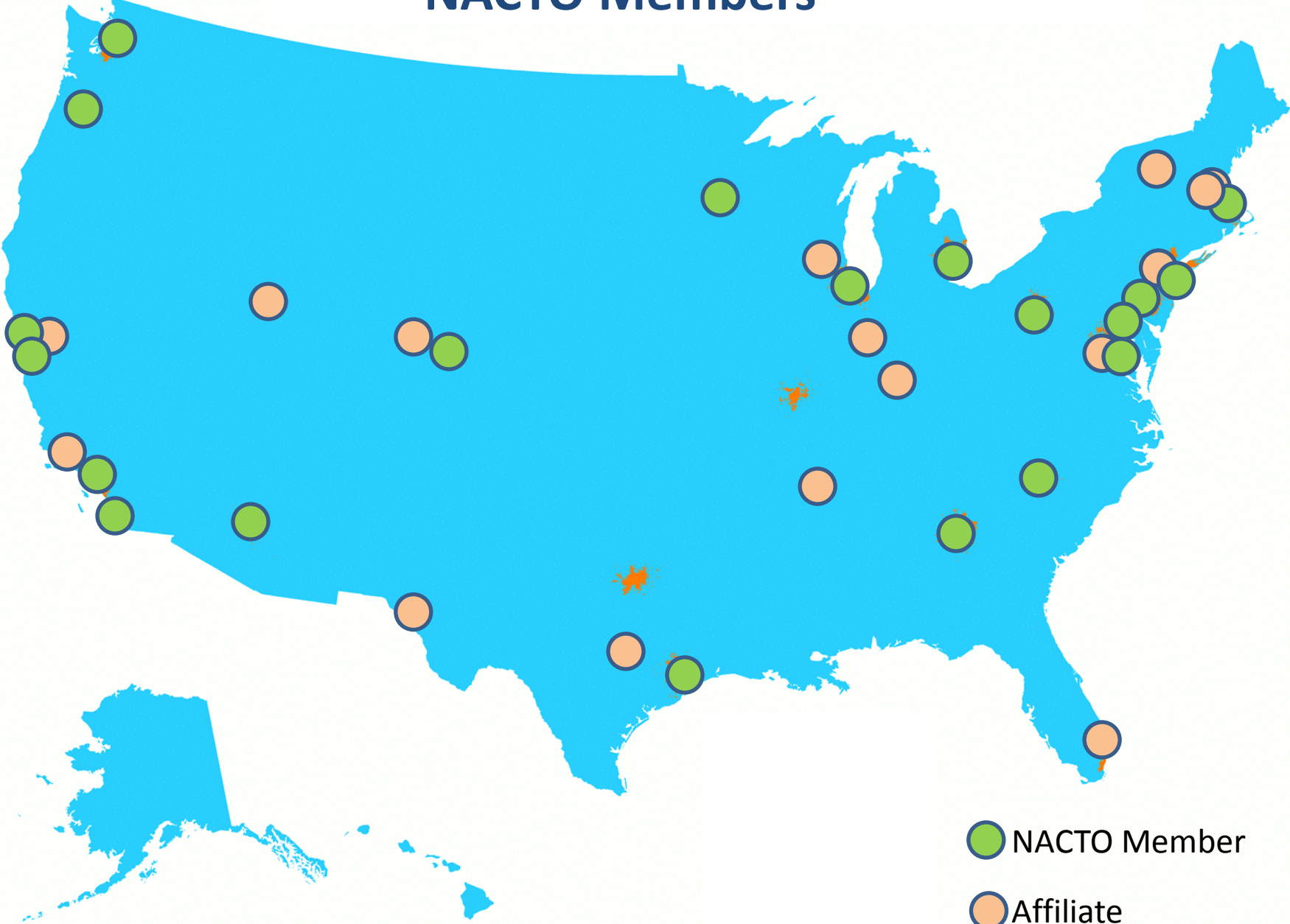








# NACTO Members



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● Affiliate

*A. T. T. T.*



NACTO

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# DESIGNING CITIES

Leading the Way to World Class Streets

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THE RUDIN CENTER





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