



Specialized Carriers & Rigging Association

*Council of Deputy Ministers Responsible
for Transportation & Highway Safety –
Task Force on Vehicle Weights &
Dimensions Policy 12/14/16*

Steven Todd, Vice President, SC&RA

SC&RA MEMBERS LIFT & MOVE THE WORLD

- The Specialized Carriers and Rigging Association is an international trade association of over 1,350 member companies from 46 nations...of which 100 companies are based in Canada. Members are involved in specialized transportation, machinery moving and erecting, industrial maintenance, millwrighting, crane and rigging operations, manufacturing and rental.
- SC&RA helps members run more safe and efficient businesses by monitoring and affecting pending legislation and regulatory policies at the state and national levels; researching and reporting on safety concerns and best business practices; and providing four yearly forums where these and other relevant member issues can be advanced.
- SC&RA members move 10,000 OS/OW permitted loads daily throughout North America.

SC&RA VALUED PARTNERS

- **Government – AASHTO, CVSA, AMVA**
- **State/Province Trucking Associations**
- **Ports**
- **Manufacturers, Contractors**
- **Utilities (Edison Electric Institute)**
- **Railroads (American Association of Railroads)**

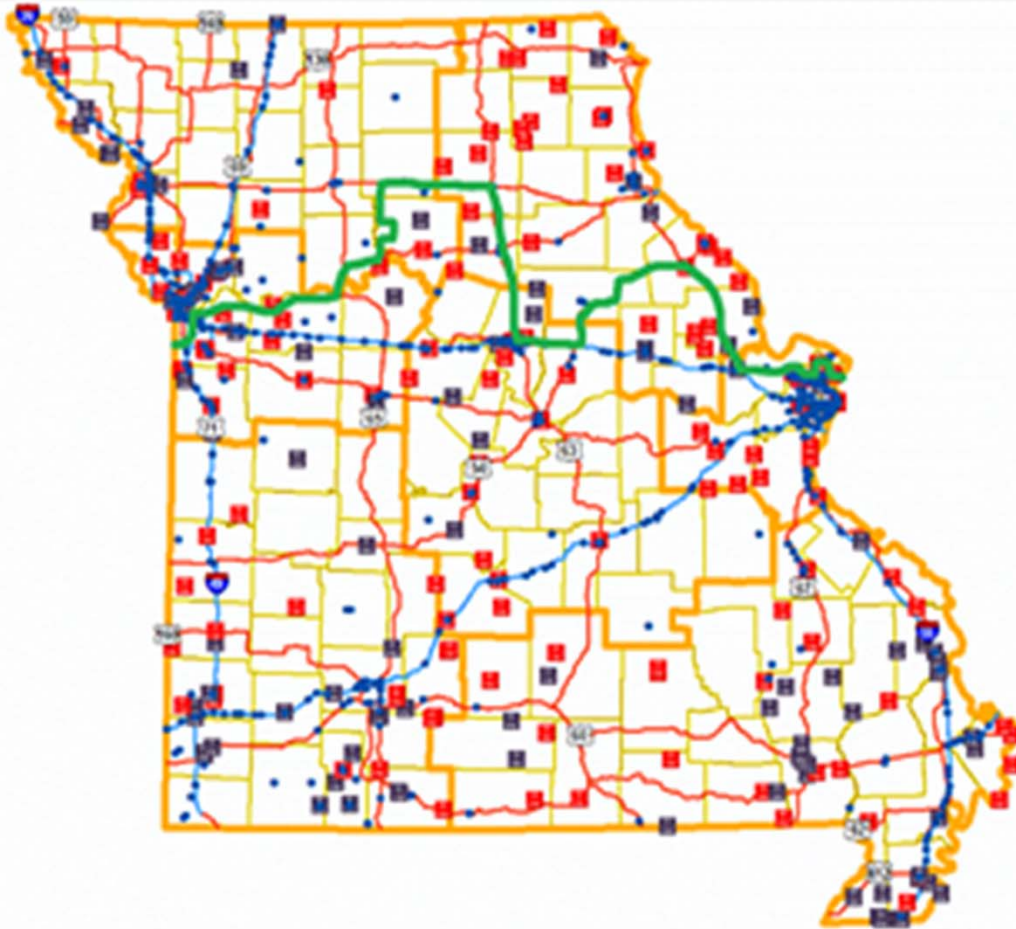
Preferred Route



I-270 S/ MO 370 W/
I-70 W/MO13 N/
US 24 W/I-435 S

271 Miles Total

The Maze



I-270 S/ Exit 31B/ MO 367
N/ US 67 S/ I-270 S/ MO
370 W/ I-70 W/ Exit 210B/
US 61 N/ US 54 W/ I-70
W/ **Bypass 15'9" Vertical
Clearance by Use of
Ramps on I-70 at Exit
131(Boone Co.)**/I-70 W/
US 63C N/ US 63 N/ US
36 W/ MO 11 S/ E
Chariton E/ F Chariton S/
M Chariton W/ MO 11 S/
US 24 W/ MO 291 S/ I-
470 W/ I-435 S

413 Miles Total

SC&RA MEMBERS LIFT & MOVE THE WORLD



SC&RA MEMBERS LIFT & MOVE THE WORLD



SC&RA MEMBERS LIFT & MOVE THE WORLD



SC&RA MEMBERS LIFT & MOVE THE WORLD



SC&RA MEMBERS LIFT & MOVE THE WORLD



SC&RA MEMBERS LIFT & MOVE THE WORLD



SC&RA MEMBERS LIFT & MOVE THE WORLD





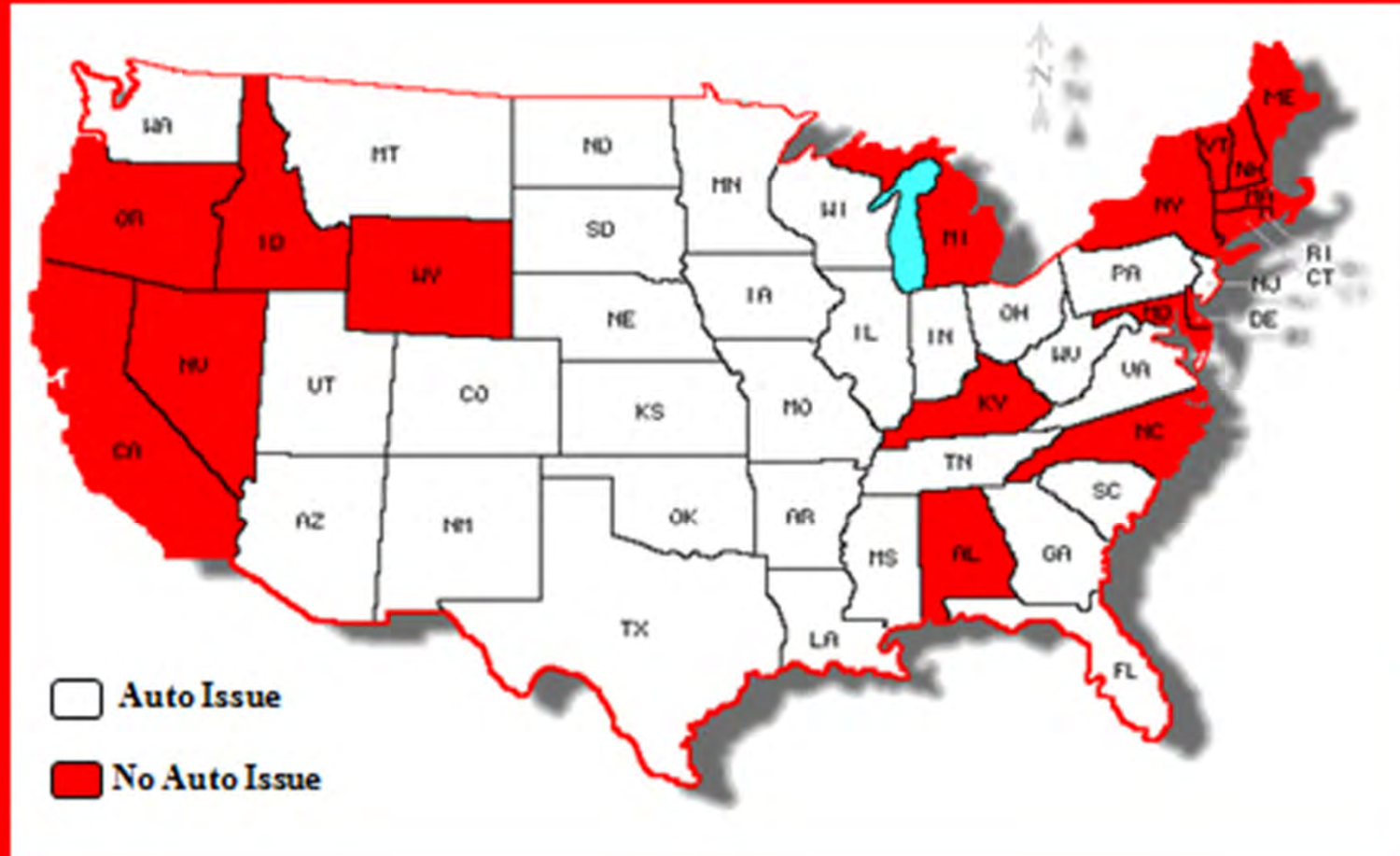
Global
Carriers
& Rigging
Association



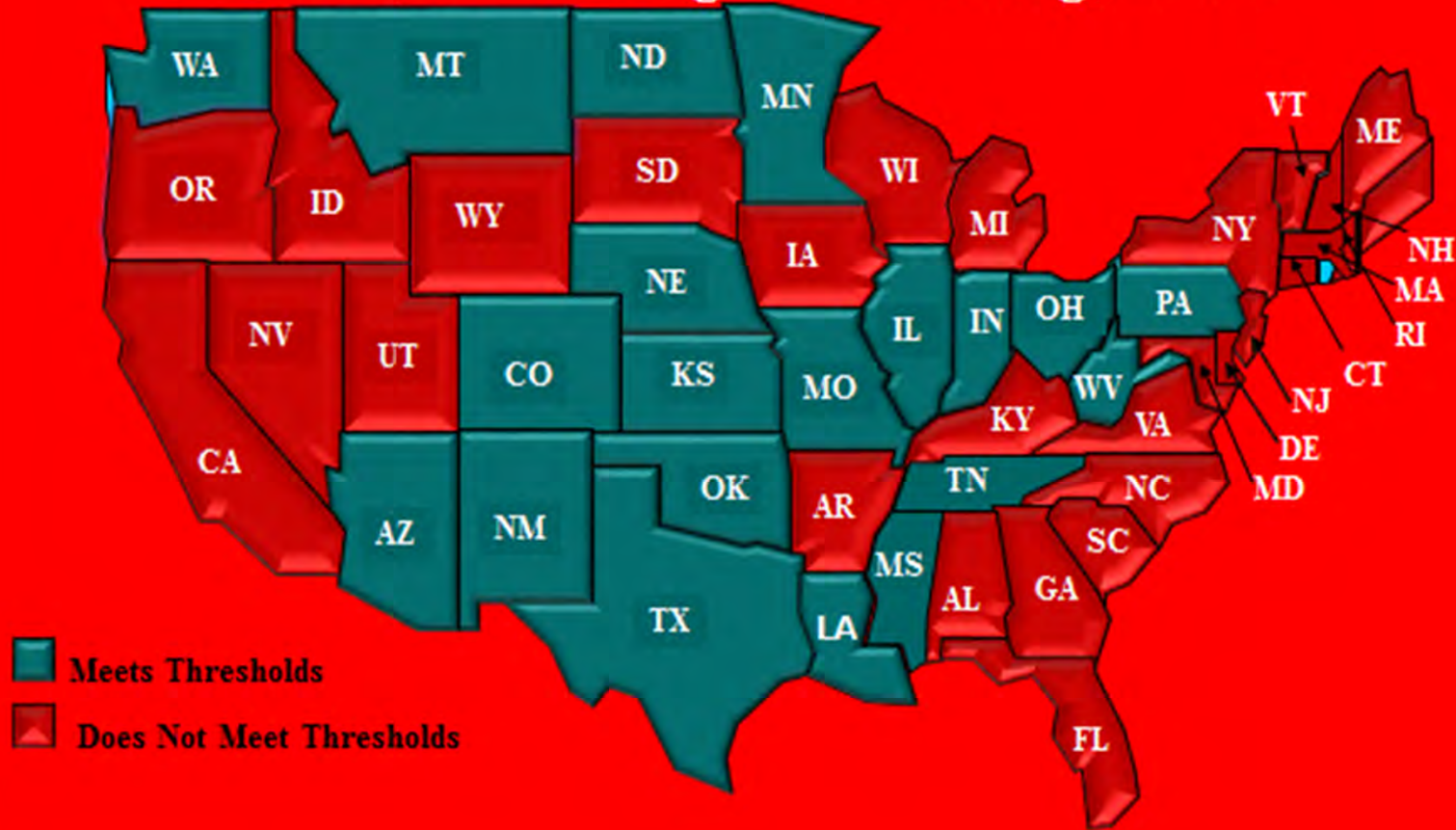
SC&RA MEMBERS “**routinely**” LIFT & MOVE THE WORLD



OS/OW Automated Permit System - Self Issue Single Trip Permits



Permit Auto Issue =>
14' Wide, 14' 6" High, 110' Long, 150K



SC&RA PERMIT POLICY COMMITTEE

August, 2016

- **HIGH PRIORITY**

Weight harmonization * **Local permitting** * Increased dimension on weekend hours * Escort requirements (private & police) * Reasonable Access (safe-haven/parking) * **Auto Issue “routine superloads”** * **Reduce turnaround time for manual operations** (bridge analysis, district investigations, etc.) * AASHTO – hours of operation (including TUES-THUR restrictions), Escort requirements for width/height/length

TYPICAL CAT EXCAVATOR LOADED ON 6 AXLE COMBINATION, NOTE DRIVE TANDEM WEIGHTS (45,620) DESPITE LOAD MOVED TO EXTREME REAR



LOAD = CAT 329 EXCAVATOR
LOAD WEIGHT = 67,262 LB
HEIGHT = 35.6'
WIDTH = 31' 2"
TOTAL LENGTH = 75'

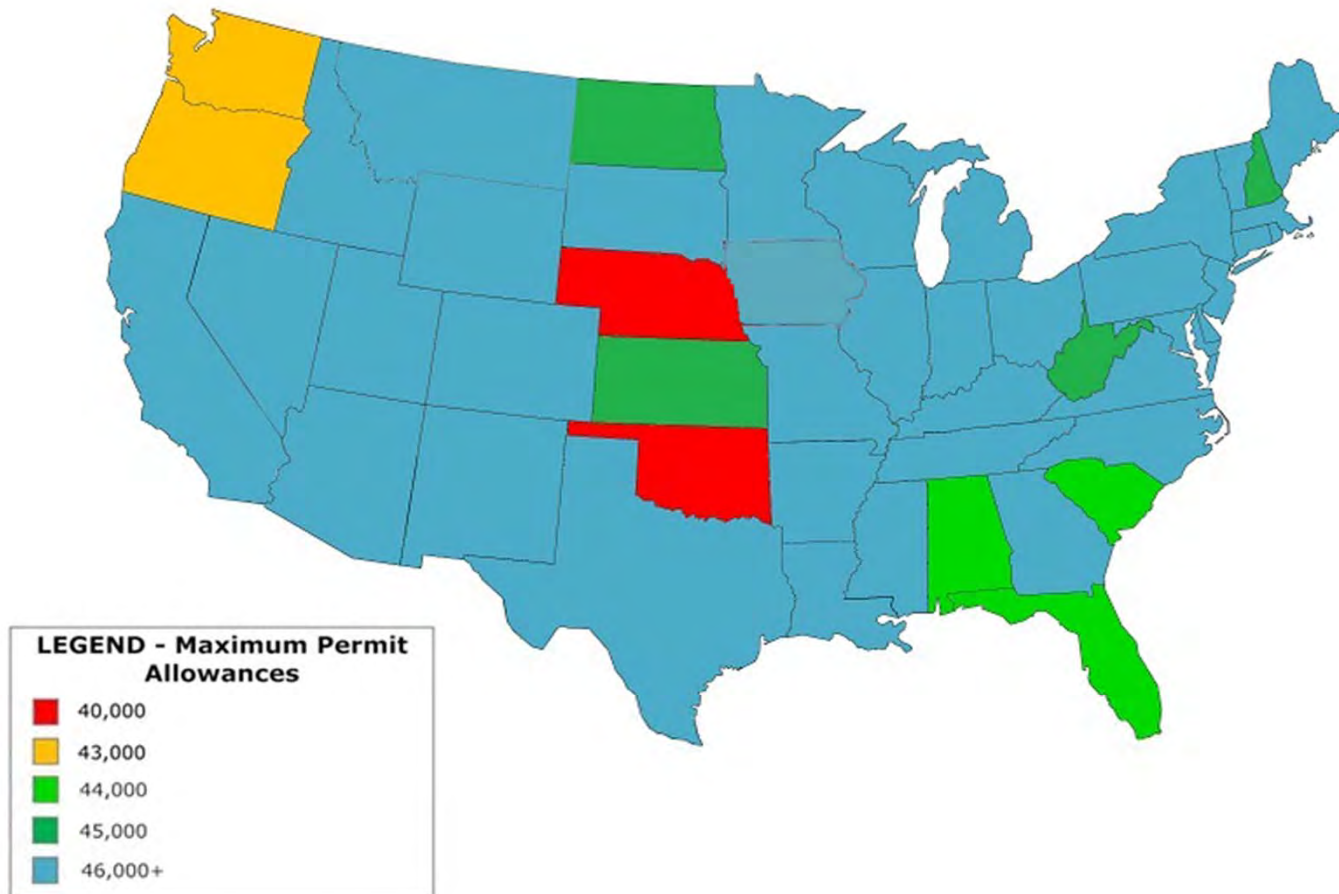
○○○ 55,520 ○○ 45,620 ○ 10,500

TYPICAL 4 AXLE OVERROAD TRACTOR



AVERAGE WEIGHT = 26,000 LB
AVERAGE COST NEW = \$160,000
AVERAGE MPG = 4.2 MPG
MAINTENANCE COST PER MILE = \$
AVERAGE DRIVER EXPERIENCE TO OPERATE = 10 + YEARS
AVERAGE FLEET RATIO 3 AXLE TO 4 AXLE = 25 OR 30 TO 1

HEAVY HAUL PERMIT RESTRICTIONS - Tandem Axle Allowances

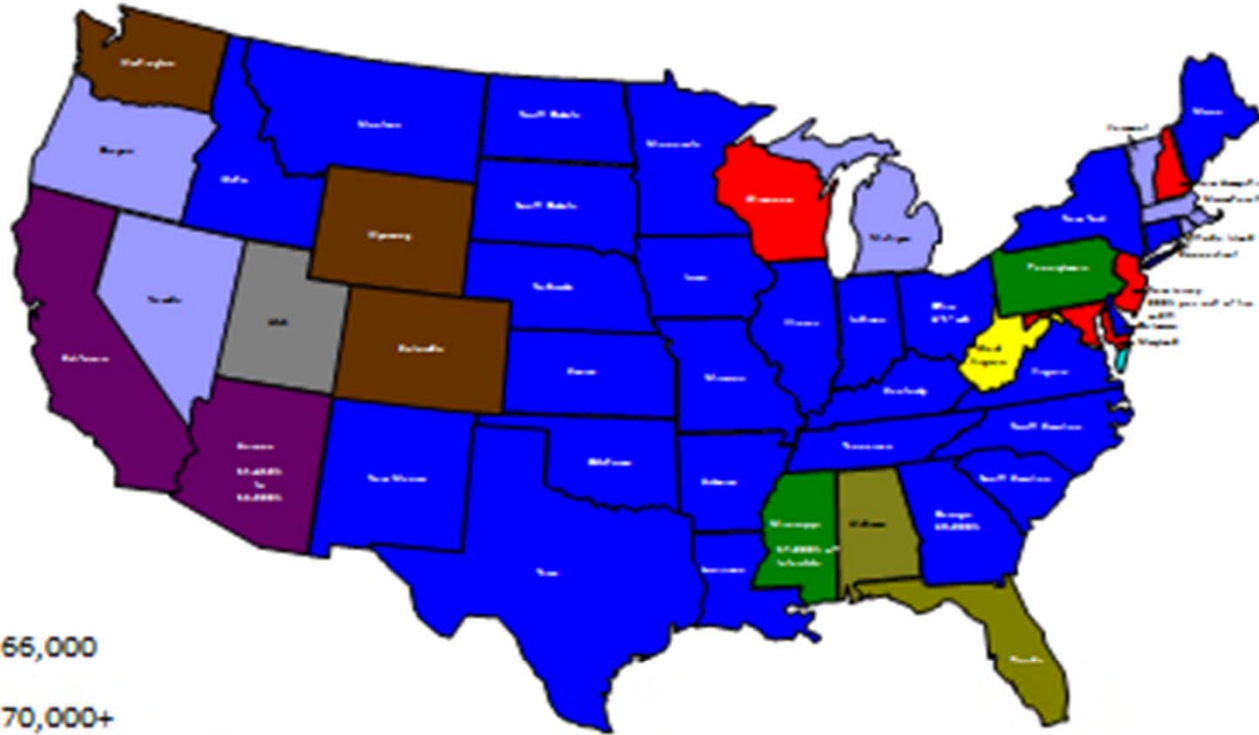


Specialized Carriers & Rigging Association
5870 Trinity Parkway Suite 200
Centreville, VA 20120
Phone: (703) 698-0291 Fax: (571) 722-1698
info@scranet.org www.scranet.org



Specialized
Carriers
& Rigging
Association

Max 3 Axle Weights



Legend

- 50,000
- 51,000-52,000
- 54,000
- 60,000+
- 61,750
- 62,000
- 63,000
- 65,000
- 66,000
- 70,000+
- Depends on Axle Spacing's

CA & NV – Can get one bump with 3 axle if 18' between groups
 Arizona & California – Calculated at 800lbs per inch tire width
 Michigan & Vermont – Weights determined on a case by case scenario.
 Maryland – no more than 27k per axle

Max 4 Axle Weights



Legend

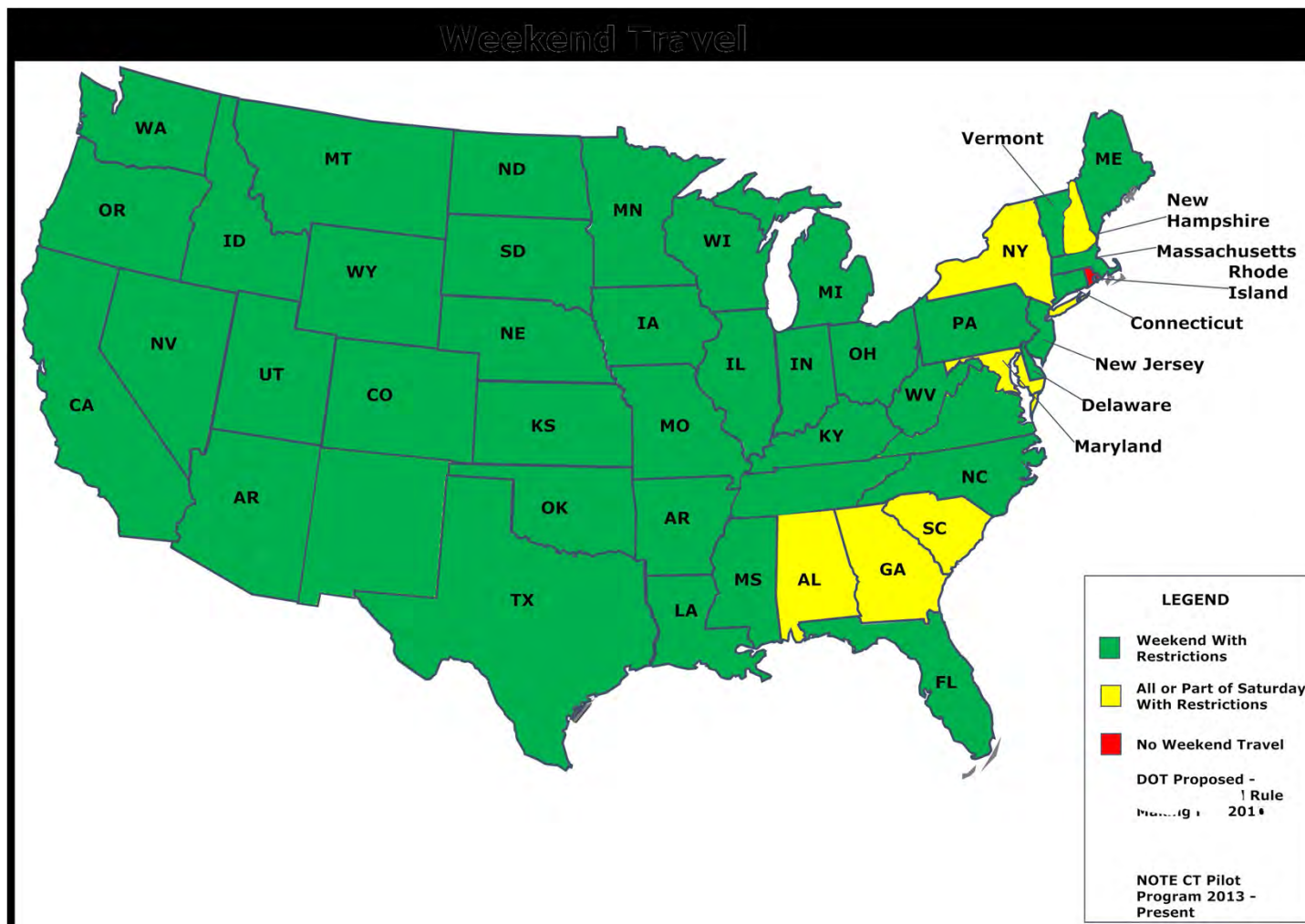
- 53,000 - 60,000
- 60,000
- 61,000 - 68,000
- 70,000-73,700
- 72,000
- 74,000- 75,500
- 80,000+

- Depends on Axle Spacing's

Arizona – Allows 55,650 w/ a 13'6" spread
 California – Allows 55,650-63,998 w/ a 13' spread
 Michigan & Vermont – Weights determined case by case scenario
 Kansas & Oklahoma – Allows 65,000 on 4 axles
 Maryland – no more than 27k per axle

Arkansas, NC, & ND – allows 68,000 on 4 axles
 West Virginia – allows 64,000 on 4 axles
 Georgia – 92,000 on 4 axles
 Wisconsin – 90,000 on 4 axles
 Alabama – 88,000 on 4 axles
 Delaware – 73,080 on 4 axles

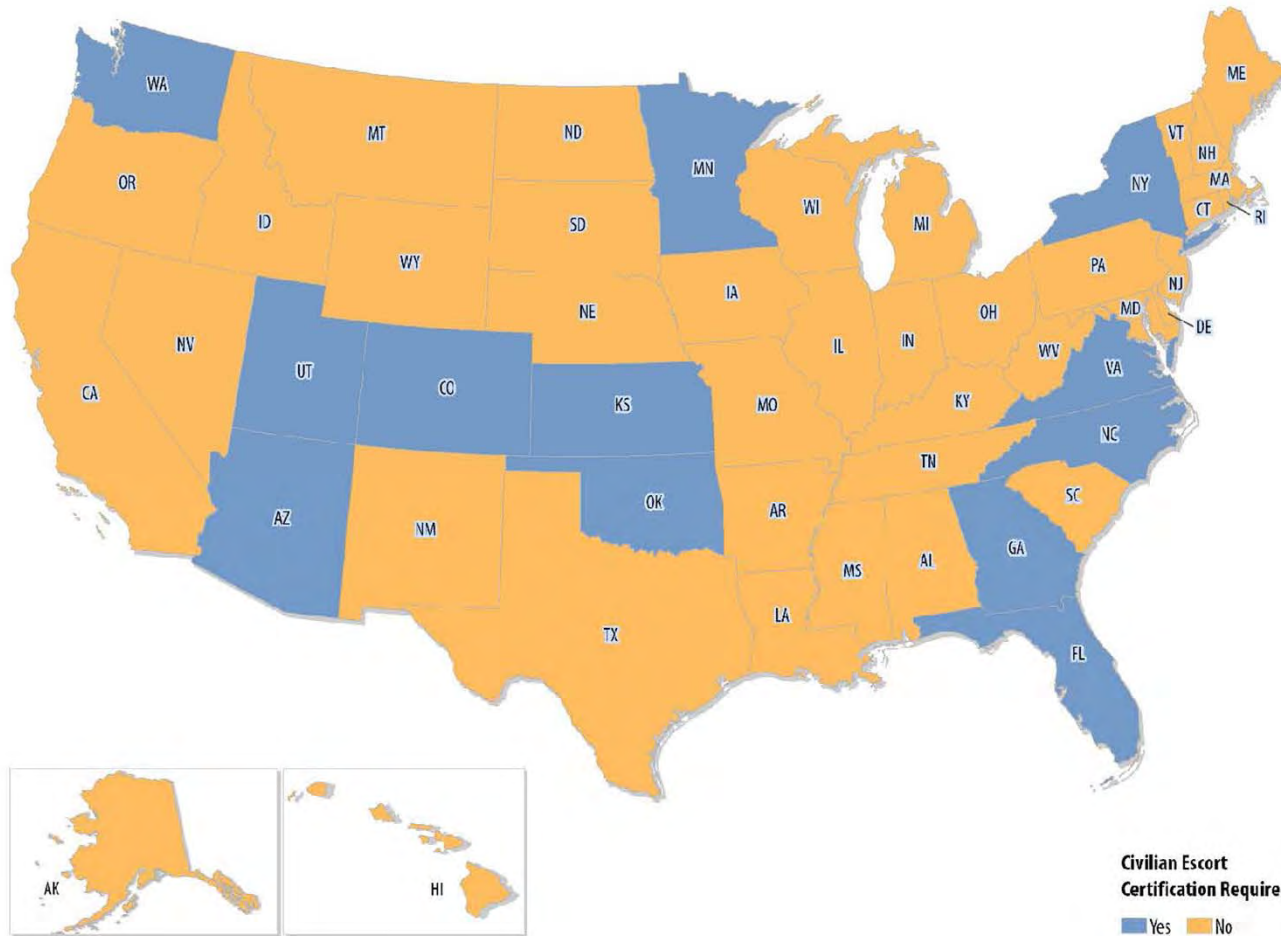
WEEKENDS



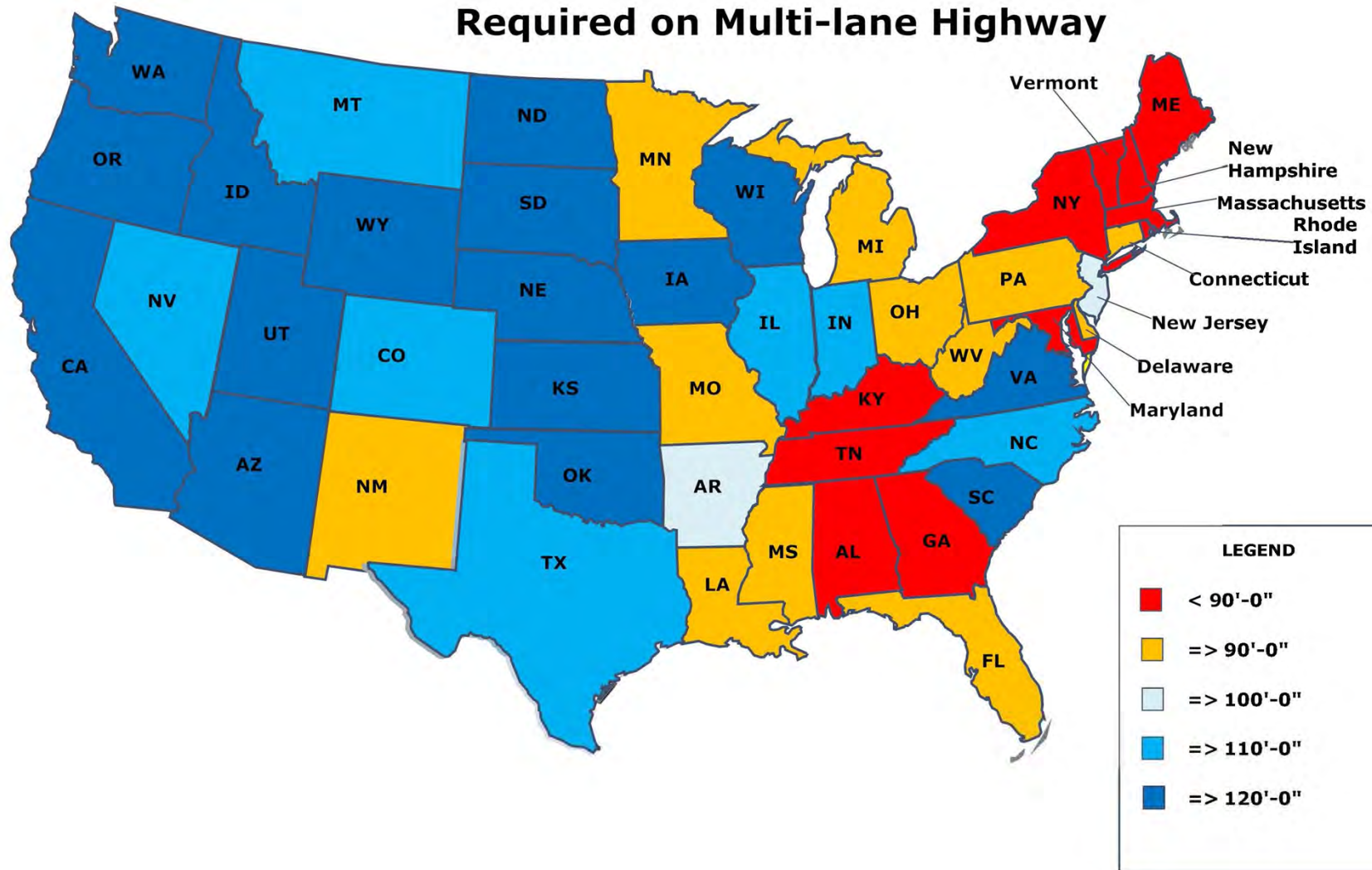
SCRA PILOT CAR INITIATIVES

- AASHTO HARMONIZATION RESOLUTIONS
- FHWA UPDATE PILOT/LAW ENFORCEMENT ESCORT BEST PRACTICES & NATIONAL TRAINING CURRICULUM
- NAPVSA – NORTH AMERICAN PILOT VEHICLE SAFETY ALLIANCE – COOPERATIVE AGREEMENT OF "EXPECTATIONS" BETWEEN SPECIALIZED TRANSPORTATION AND PILOT INDUSTRY

CIVILIAN ESCORT CERTIFICATION



Overall Length - When Escort Required on Multi-lane Highway



SC&RA PERMIT POLICY COMMITTEE

August, 2016

• PRIORITY

Self-propelled equipment permit issues * Pilot car certification (national/state reciprocity) * Nighttime running * Provision sheets * States Communications *
Maintain OS/OW corridors (state-line restrictions) *
Efficient access in/out ports * Route survey consistency *
Utility/Railroad coordination * AASHTO – Holiday restrictions * Permit amendments

WASHTO OS/OW CORRIDORS



UTILITY COSTS/DELAYS



SC&RA SC&RA UTILITY PROPOSAL

- Utilities provide/publish a flat uniform cost per line/per truck/per crew member (Power, Cable, Phone, Fiber) and uniform requirements for each so that carriers can have a better method to bid.
- Standardize a reasonable lead time for contact/coordination
- When states require contact - state must provide list of all utilities (Power Phone and Cable must keep contact information up to date with state and tag poles)

SC&RA SC&RA UTILITY PROPOSAL

- **Contact with no response carrier can proceed with 3rd party utility crews**
- **Cautionary ride along with no work (no lifts or drops) set fixed charge**
- **Utilities work toward allowing carriers to choose between their crews and pre-qualified third party utility crews**
- **One bucket crew for all lines (Power distribution, Phone, Cable & Fiber)**

SC&RA PERMIT POLICY COMMITTEE

August, 2016

• ADDITIONAL ISSUES

OS/OW specific accident data *

Roundabouts/Intersections * Divisible load designations *

Bridge crawl speed provisions * Federal regulations –
operational impact/review/response * Encourage state
official attendance at industry meetings * Private

engineering expense * Electronic display * Bonds *

Weather restrictions * State line inspections * States not
routing for dimension

AASHTO - Flags, lights, signs * Type/size of escort vehicles



YOU'RE INVITED!

February 14-17, 2017	2017 Specialized Transportation Symposium	Hilton Orlando Lake Buena Vista	Orlando, Florida
---------------------------------	---	------------------------------------	------------------

- <http://www.scranet.org/> (Click Events)
- **Excellent Networking Opportunities (500+ attendees, over 30 Government Officials)**
- **Permitting Best Practices**
- **Safety - Load Securement, Driver Training, etc.**