



— THE EASTERN
TRANSPORTATION
COALITION

CONNECTING FOR SOLUTIONS



TETC Truck Parking Working Group

November 4, 2022

Today's Agenda



TETC Truck Parking Working Group

Welcome and Introductions

Marygrace Parker, The Eastern Transportation Coalition/TPWG

Spotlight Presentation – “One of these Loads is Not Like the Other”

Chris Smith, VP Transportation, Specialized Carriers & Rigging Association

TETC Program Updates:

- TDM Marketplace
- Vendor Presentation Highlights – TETC Freight Data & Planning WG
- Freight Data Resource Matrix

Marygrace Parker/Denise Markow, Eastern Transportation Coalition

Agency Roundtable

TPWG Members

TETC TPWG Calendar – Meeting Schedule, Future Topics

TETC Staff/TPWG Members

Wrap Up and Remaining Questions

TETC Staff/TPWG Members



November 4, 2022

TETC Truck Parking Working Group

tetcoalition.org



**Spotlight Presentation:
Chris Smith**

Specialized Carriers and Rigging Association



Specialized
Carriers &
Rigging
Association

OUR MEMBERS **LIFT & MOVE** THE WORLD

One of These Loads (is not like the Other)

ETC Truck Parking Committee
November 4, 2022



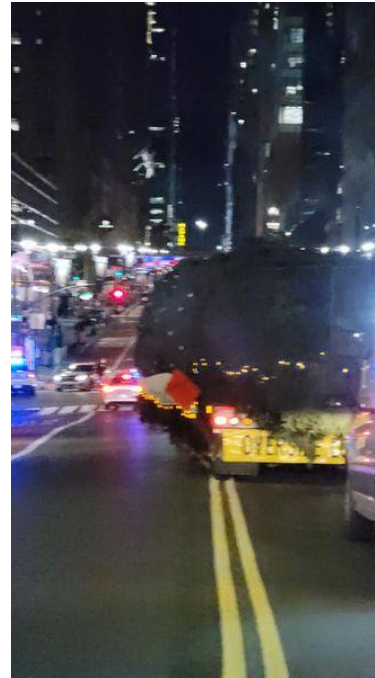
WHO WE ARE

- Nearly **1,400** members from **46** nations
- Crane and Rigging operations
- Specialized Transportation,
- Machinery Moving and Erecting
- Industrial Maintenance
- Millwrighting
- Concrete Pumping
- Manufacturing
- Rental

Our Members Lift and Move the World!



PERMITTED LOADS



Courtesy Bay Crane and NY Truck Permits & Escorts

PRE-TRIP PLANNING

- Proposing Load and Equipment
- Planning and Proposing the Route
- Understanding the Permit Terms
- Route Surveys and Bridge Analysis
- Securing the Permits on-time
- Murphy's Law





*"It was going to be a **2-night haul**, and that in and of itself was **complicated**.*

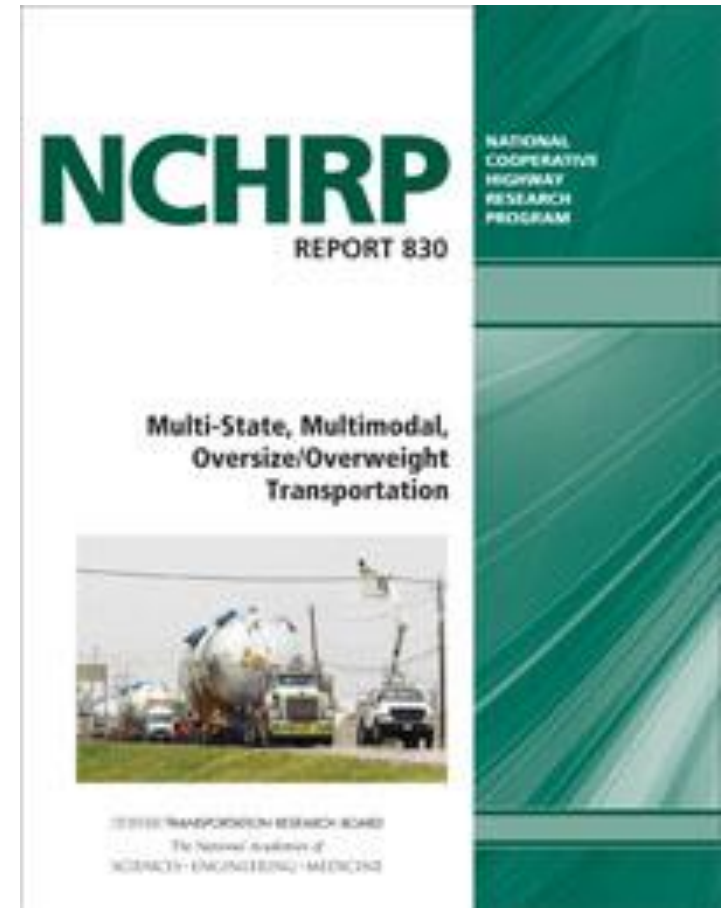
*Because out here along this **route**, the **country roads** are **22' wide** and there's **not a lot of big-wide parking spots, or weigh stations, or truck stops** to pull into."*

*Erik Zander, COO, Omega Morgan
SC&RA Job of the Year Winner*

Courtesy Omega Morgan

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
9am-3pm	9am-3pm	9am-3pm	9am-5pm	9am-5pm	No Travel	No Travel	7am-5pm	7am-5pm	7am-4pm
Emmaus, PA	Columbus, OH	Vandalia, IL	Camdenton, MO	Wichita, KS	Briggsdale, CO				
Pittsburgh, PA	Indianapolis, IN	Camdenton, MO	Camdenton, MO	Oakley, KS					

Load 1 hours of travel from Pennsylvania to Colorado.



Monday	Tuesday	Wednesday	Thursday	Friday
Day 1	Day 2	Day 3	Day 4	Day 5
9am-5pm	7am-5pm	7am-5pm	9am-5pm	7am-3pm
Emmaus, PA	Cambridge, OH	Effingham, IL	Kansas City, KS	Colby, KS
				Briggsdale, CO

Load 2 hours of travel from Pennsylvania to Colorado.

Courtesy National Academy of Sciences

TRUCK PARKING DEMAND GENERATORS

- Lack of harmonization between state policies
- Proximity to Weigh Stations, Rest Areas, and Welcome Centers
- State and Local routes
- Geometric Design

AASHTO PERMIT HARMONIZATION

- **Seek solutions** less restrictive or status quo, **not** more restrictive
- **Balance** consistency while maintaining safety
- **Recommend** voluntary harmonization, **not** mandatory uniformity
- **Phase I** and **Phase II** baselines **unanimously** adopted by AASHTO in 2012 and 2013



PHASES I & II HARMONIZATION

Phase I	Baseline	Phase II	Baseline
Width Escort	12' – 14': 1 front escort	Extensions	Weather/Breakdowns
Height/Length Escort	>= 14' H > 90' L	# of Valid Days	5
Flags	18" X 18" minimum; fluorescent orange or red	Holiday Restrictions	Noon day prior – Sunrise day After for 6 federal holidays
Days/Hours of Operation	Minimum Sunrise- Sunset M-Sat.	Type/Size Escort	Class I, II, III with 360 visibility and no towing
Signs	Oversize Load	Height Escort	1 front over 14'6"
Transport/Escort	Flashing or strobe with 1000'/500' visibility		

* 6 states did not reply to auditors

PUBLIC BENEFITS OF AUTO-ISSUE

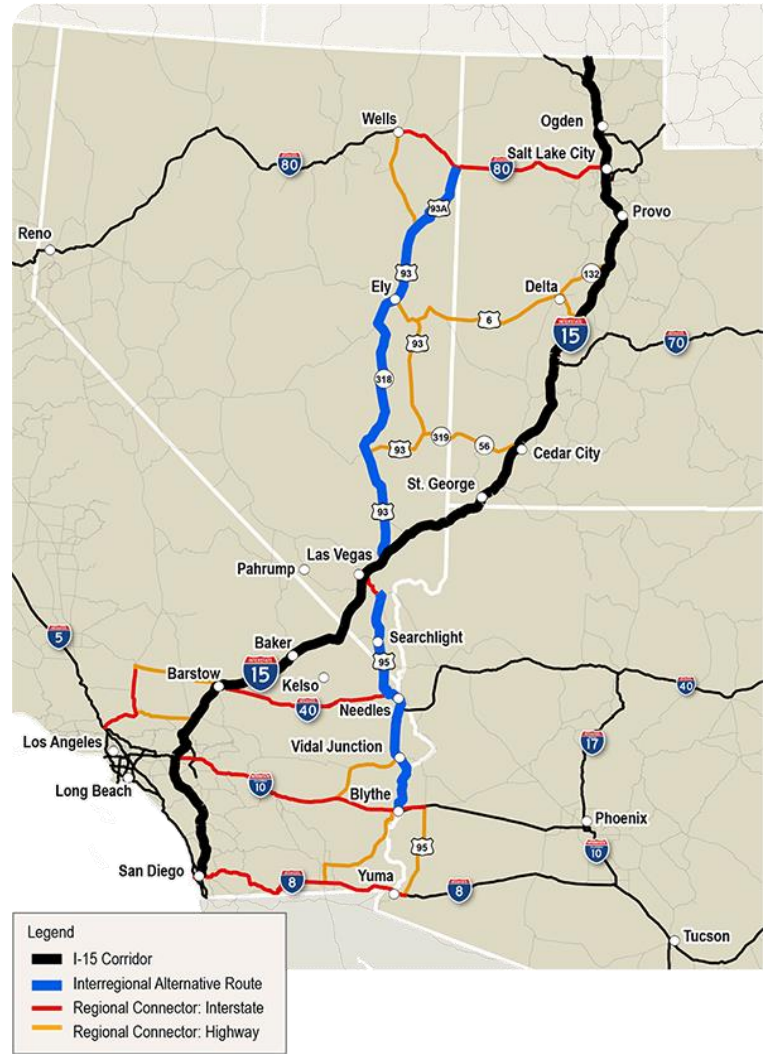
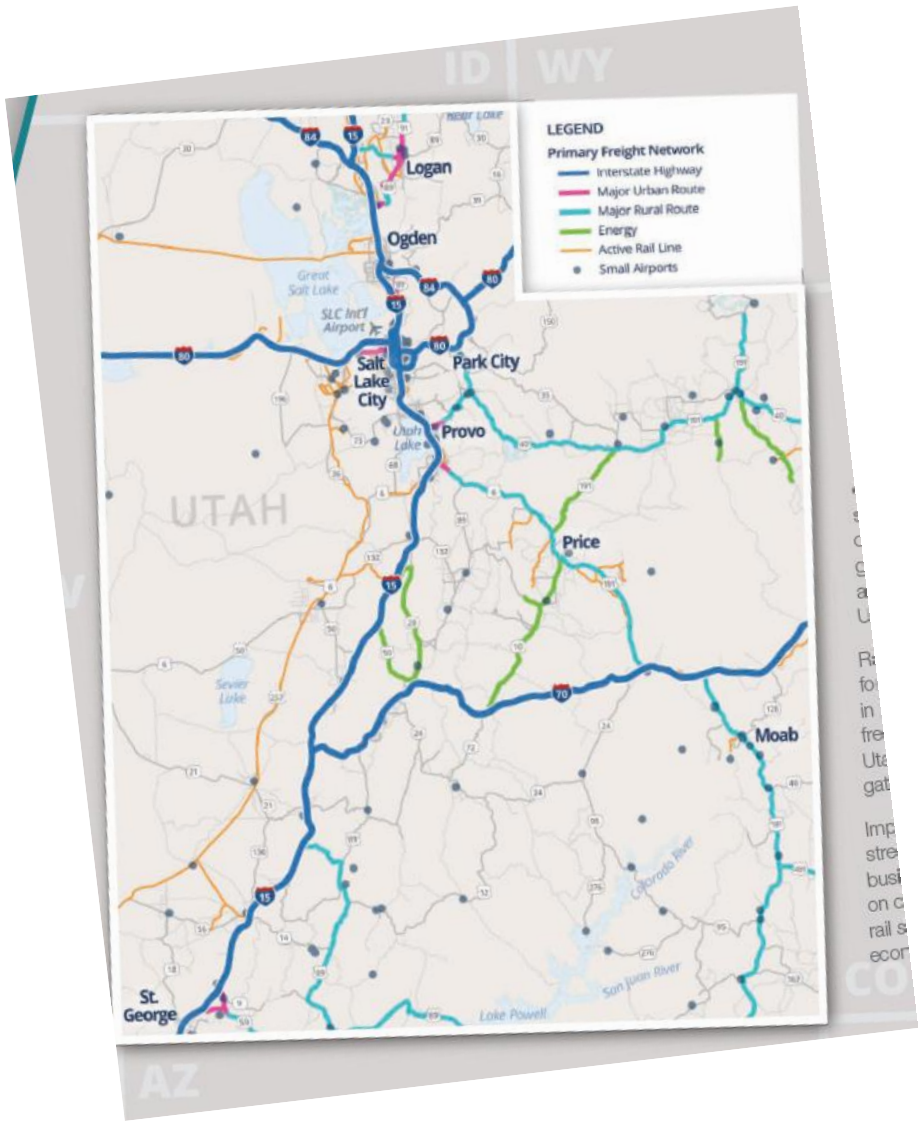
- Average permit turnaround time **decreased to minutes** for routine OS/OW loads
- **30+ states** report moderate increase in applications and issuance
- **Accurate** permits = **Safer** transport
- **Additional** permits = **Additional** revenue
- **Improvements** to infrastructure preservation
- **Reduced** overhead for public agencies = greater flexibility for staffing priorities =
- **Better** customer service



Source: *Best Practices for OS/OW Permitting, FHWA*

SIZE AND WEIGHT TECHNOLOGY

- Audible Turn By Turn Hawkscan Measurement Verification
- Emergency Permits
- Emergency Websites
- Bridge Collision Notification System
- AASHTOware Bridge Analysis



GEOMETRIC DESIGN

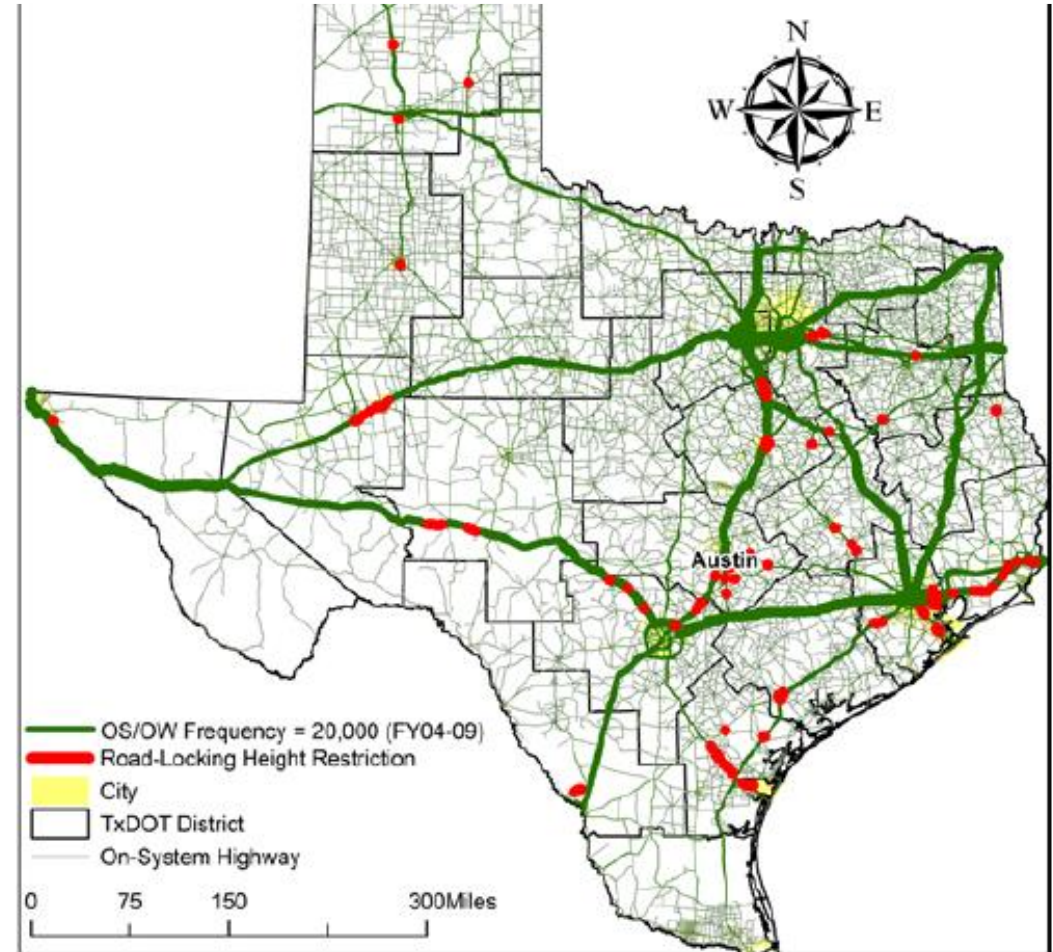
Table 10: MAASTO Region Truck Parking Issues

Condition	Never	Rarely	Sometimes	Often	Always
Rest area time limit restrictions	23.9%	24.3%	37.6%	11.0%	3.2%
Parking is only available on ramps or shoulders because parking areas are full	6.3%	8.5%	35.9%	38.6%	10.8%
Parking is only available in unsafe locations	8.6%	16.3%	43.0%	27.1%	5.0%
Truck damaged while parked	38.6%	36.4%	18.6%	5.5%	0.9%
No parking available for oversize vehicle configurations	22.4%	10.7%	20.9%	32.1%	13.8%

Source: MAASTO/ATRI

SC&RA RECOMMENDATIONS

- **Develop and expand** automated permitting systems.
- **Utilize** the data generated by automated permit systems for Statewide Freight Plan.
- **Identify** unique travel demands, economic trends of the specialized transportation industry, particularly by corridor or region.
- **Prioritize** projects that mutually benefit the safety and economic efficiency of the traveling public and industry.
- **Avoid** costly planning mistakes.



Courtesy TTI

STATE FREIGHT ADVISORY COMMITTEES

SC&RA **strongly encourages** state departments of transportation to:

- **Appoint** and **solicit the input** of its members when organizing State Freight Advisory Committees.
- Address the **unique needs** and **economic impact** of our industry.
- Fully integrate specialized transportation into successful freight planning for the future.





Regional Meetings
AASHTO CTSO

February 28
March 1



— THE EASTERN
TRANSPORTATION
COALITION

CONNECTING FOR SOLUTIONS



THANK YOU!

Marygrace Parker,
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Connecting for Solutions
TETCoalition.org