ADOT ENFORCEMENT AND COMPLIANCE DIVISION

LT. KONTZ
LT. LIGHTFOOT
OVERVIEW

Enforcement Services Bureau Responsibilities:

- Provide certified Peace Officers to ensure commercial motor vehicles are in compliance with Arizona and Federal regulations
- Conduct size, weight, and safety compliance inspections of CMV’s at fixed Ports of Entry
- Provide mobile enforcement of commercial vehicles, including compliance with the safe transportation of hazardous materials
- Inspect motor vehicles for authorized ownership
- Monitor and recover stolen vehicles and components
- Complete administrative and criminal investigations
ECD MISSION STATEMENT

“Ensure the safe and efficient movement of people, goods, and services throughout Arizona while promoting compliance with all applicable state and federal laws and regulations”
ECD'S ROLE IN ARIZONA COMMUNITIES

- Ports of Entry provide strategic opportunities to promote highway safety priorities.
- We are the first line of defense used by the division to monitor commercial vehicle and driver qualifications, appropriate size and weight restrictions, and proper credentialing.
- Our focus is on protecting the state’s infrastructure and promoting safe commercial vehicle operation.
- ECD operates 13 facilities along interstate and state routes and 3 facilities along the international border with Mexico as well as mobile port operations state wide.
Reducible loads must comply with Federal Axle Weight limitations.

### Permissible Gross Loads for Vehicles in Regular Operation

Based on the weight formula:

\[
W = 500 \left( \frac{L}{N-1} + \frac{12N+36}{N} \right)
\]

<table>
<thead>
<tr>
<th>Distance in feet (L)</th>
<th>2 AXLES</th>
<th>3 AXLES</th>
<th>4 AXLES</th>
<th>5 AXLES</th>
<th>6 AXLES</th>
<th>7 AXLES</th>
<th>8 AXLES</th>
<th>9 AXLES</th>
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<td>4</td>
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<td>More than 6/less than 9</td>
<td>38,000</td>
<td>42,000</td>
<td>45,000</td>
<td>50,000</td>
<td>55,000</td>
<td>60,000</td>
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<td>9</td>
<td>39,000</td>
<td>42,500</td>
<td>46,000</td>
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<td>60,000</td>
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<td>10</td>
<td>40,000</td>
<td>43,500</td>
<td>47,000</td>
<td>51,500</td>
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<td>61,000</td>
<td>66,000</td>
<td>71,000</td>
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<td>11</td>
<td>44,000</td>
<td>48,000</td>
<td>52,000</td>
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<td>66,000</td>
<td>71,000</td>
<td>76,000</td>
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<td>12</td>
<td>45,000</td>
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<td>54,000</td>
<td>58,500</td>
<td>63,000</td>
<td>68,000</td>
<td>73,000</td>
<td>78,000</td>
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<td>Example</td>
<td>(51,000)</td>
<td>56,500</td>
<td>62,000</td>
<td>67,500</td>
<td>73,000</td>
<td>78,500</td>
<td>84,000</td>
<td>89,500</td>
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</table>

Note: The values in this table reflect FHWA’s policy of rounding down when calculated weights fall exactly halfway between 500-pound increments. Because the Bridge Formula is designed to protect highway infrastructure, FHWA determined that this conservative policy is consistent with the statutory mandate.

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The Federal Highway Administration (FHWA) revises its guidance pamphlet "Bridge Formula Weights (August 2005)." Specifically, footnote 2 on page 6 of the guidance is superseded and replaced with the following: "Pursuant to 23 CFR 650.313, all bridges must be inspected, rated to its safe load-carrying capacity, and if required, posted or restricted with respect to the maximum allowable weight."
FEDERAL BRIDGE FORMULA

Gross Weight - 80,000 lbs.

17,000 lbs.

17,000 lbs.

17,000 lbs.

17,000 lbs.

12,000 lbs.

35 ft.

51 ft.

20 ft.
SINGLE AXLE WEIGHTS

- Maximum weight allowed on reducible load is 20,000 pounds
- Distance between axle parallel vertical planes must be forty inches apart
TANDEM AXLE WEIGHTS

- Maximum weight allowed on reducible load is 34,000 pounds
- Distance between axle parallel vertical planes must be more than 40 inches apart but not more than 96 inches apart
SPREAD AXLE WEIGHTS

- Maximum weight allowed on reducible load is 40,000 pounds, (see Federal Bridge Chart)
- Distance between axle parallel vertical planes must be more than 96 inches apart
OVERSIZE/WEIGHT PERMITS

* Non-Reducible Loads

- Refer to: Transportation Title 17 Chapter 6. Department of Transportation Oversize/Overweight Special Permits

- R17-6-406. Holiday Transport Restriction
SPACING UP TO 18 FEET TO BE CONSIDERED A GROUP OF AXLES

AZ allowed 18 ft groups
Oversize permit required if front overhang extends beyond the front bumper 3 or more feet.

Oversize permit required if rear overhang extends beyond the rear bumper or rear of trailer 6 or more feet.

Refer to R17-6-304.
CLASS D PERMITS

- Issued to oversize/overweight mobile cranes/drill rigs
- Permit/s issued are for a period of 30 days or an annual permit (Refer to R17-6-205)
CLASS D NON-REDUCIBLE
REGULAR TRIDEM PERMITS

- Refer to Title 17 for Class A permit allowances
CLASS C TRIDEM AXLE PERMITS

- Only allowed travel on SR-68 from Laughlin Bridge to US-93 from mile post 67-70 (junction of I-40) and Interstates I-10, I-19, and I-40
ADOT ENFORCEMENT AND COMPLIANCE DIVISION

QUESTIONS?