

**INITIAL FREIGHT CORRIDOR SCREENING CHECKLIST**

**Identifying Characteristics**

Corridor Name: \_\_\_\_\_ To: \_\_\_\_\_ SIS / FIHS / Local Truck  
 From: \_\_\_\_\_

Segment 1 To: \_\_\_\_\_ From: \_\_\_\_\_

Segment 2 To: \_\_\_\_\_ From: \_\_\_\_\_

Segment 3 To: \_\_\_\_\_ From: \_\_\_\_\_

Segment 4 To: \_\_\_\_\_ From: \_\_\_\_\_

Segment 5 To: \_\_\_\_\_ From: \_\_\_\_\_

**Evaluation of Corridor Physical Characteristics**

		Notes
1) What is the Typical Section?		
<b>Typical Section</b>	_____	
	2) Are lane widths adequate for trucks (minimum of 12 feet)?	Y N
<b>Geometry</b>	3) Are there indications that turning radii are not adequate for trucks?	Y N
<b>Medians</b>	4) Are medians with access openings present? Are turning bay lengths adequate to accommodate truck turning movements?	Y N

<b>Curbs</b>	5) Are corner curbs and concrete median curbs mountable by large trucks?	Y	Notes
		N	
<b>Auxiliary lanes</b>	6) Are there auxiliary left and/or right turn lanes?	LT	Notes
		RT	
		N	
	7) Are auxiliary left turn lanes long enough at intersections heavily used by trucks?	Y	Notes
		N	
	8) Are bike lanes present? Do they conflict with intersection turning movements?	Y	Notes
		N	
<b>Pavement</b>	9) Is rutting, heaving, cracking, or potholes present? Where?	Y	Notes
		N	
	10) Does pavement at intersections need to be extended to prevent shoulder rutting?	Y	Notes
		N	

			Notes
	11) Are there railroad crossings? How many? Where?	Y N	
<b>Rail Road Crossings</b>	12) Crossing condition (Average/Rough) If more than one state location	A R	Notes
	13) How many trains use this crossing	_____	Notes
<b>Parallel Rail Roads</b>	14) Is there adequate, safe truck storage between the roadway and the railroad tracks? (Minimum for worst case scenario is 74' from EOP to railroad stop bar or gate.)	Y N	Notes
<b>Vertical Clearance</b>	15) Is the vertical clearance adequate (16 ft.) for large trucks?	Y N	Notes

**Evaluation of Operational Characteristics**

	16) Do trucks routinely make wide right turns? Where?	Y N	Notes
<b>Maneuverability</b>	17) Do trucks encroach on approaching lanes during turns?	Y N	Notes
	18) Are the location of lane stop markings sufficient for truck turning movements?	Y N	Notes
<b>Congestion and Delay</b>	19) Is congestion affecting truck operations?	Y N	Notes
	20) Approximate level of congestion	L M H	Notes

	21) Are turn signals sufficiently timed to support truck operations?	Y N	Notes
<b>Signal Timing</b>	22) Is there excessive queuing delay of trucks due to signal timing?	Y N	Notes
	23) Are yellow conditions long enough to allow approaching trucks to safely pass through or stop?	Y N	Notes
	24) Are railroad safety features adequate? (List location and deficiencies)	Y N	Notes
<b>Intersections</b>	25) Average intersections per mile	_____	Notes
	26) Number of signalized intersections	_____	Notes
	27) Number of "Stop" signs along the Corridor	_____	Notes
	28) Are there operational problems at intersections? If so, what intersections? (Use optional intersection form to describe in detail)	_____	Notes

<b>Median Openings</b>	29) Do median openings provide adequate and safe access to industrial/commercial properties?	Y	Notes
		N	
<b>Driveways</b>	30) Are any operational deficiencies created by driveways requiring routine access by trucks? (How many? Location?)	Y	Notes
		N	
<b>Operational Safety</b>	31) Are there locations with potential truck related safety issues? (Where?)	Y	Notes
		N	
<b>Operational Safety</b>	32) Are there potential safety conflicts between trucks and pedestrians or bicycles?	Y	Notes
		N	
<b>Existing Land Use</b>	33) What is the primary existing land use along the corridor?	Y	Notes
		N	
<b>Existing Land Use</b>	34) Is the existing land use conducive to origin or destination truck trips?	Y	Notes
		N	

**Evaluation of Freight Facilities and Operator Issues**

<b>Freight Facilities</b>	35) Are there Regional Freight Activity Centers located along or near the corridor?	Y	Notes
		N	
	36) Are there other truck generators along or nearby the corridor that affect corridor operations?	Y	Notes
		N	
	37) Are there freight intermodal facilities along or nearby the corridor?	N	Notes
		Y	
<b>Operator Issues</b>	38) Does the regional database identify any "Hot Spots" on this corridor?	Y	Notes
		N	

**Crash Analysis and Other Factors**

	Segment 1	Segment 2	Segment 3	Segment 4	Segment 5	
<b>Traffic</b>	AADT ( ≤ 2 years old):	_____	_____	_____	_____	_____
	AADTT ( ≤ 2 years old):	_____	_____	_____	_____	_____
	% Trucks:	_____	_____	_____	_____	_____
Capacity LOS	_____	_____	_____	_____	_____	
Intersection LOS	_____	Notes (See Supplemental Intersection form)				

<b>Safety</b>	Total 5-year Crashes/rate	____/____	Notes
	Are trucks involved?	Y / N	
<b>Planned Improvements</b>	Are there system improvements planned that could affect truck routing?	Y	Notes
		N	
<b>Law Enforcement Interviews</b>	Has local law enforcement been contacted? Is there anecdotal information related to safety or operations to evaluate?	Y	Notes
		N	

Note: Attach copies of all photos illustrating freight related problems identified during this screening.

**INITIAL FREIGHT CORRIDOR SCREENING CHECKLIST  
SUPPLEMENTAL INTERSECTION DATA**

(Use as many of these forms as needed)

**Intersection Name:** \_\_\_\_\_

**AADT/AADTT** \_\_\_\_\_ / \_\_\_\_\_ **% Trucks:** \_\_\_\_\_ **LOS:** \_\_\_\_\_ **# Truck Accidents:** \_\_\_\_\_

**Signal Timing: Thru Lanes:** Y N (\_\_\_\_ sec) **Left Turn:** Y N (\_\_\_\_ sec) **Yellow Time:** \_\_\_\_ sec

**Cross Street Signal Timing: Thru Lanes:** Y N (\_\_\_\_ sec) **Left Turn:** Y N (\_\_\_\_ sec) **Yellow Time:** \_\_\_\_ sec

**Turn Lanes (Number)?** LT ( ) RT ( ) None **Lane Width Adequate?** Y N **Width** \_\_\_\_\_

**Notes on Truck Related Issues**

**Physical?** Y N **Operational?** Y N **Safety?** Y N **Congestion?** Y N **Access?** Y N

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**Intersection Name:** \_\_\_\_\_

**AADT/AADTT** \_\_\_\_\_ / \_\_\_\_\_ **% Trucks:** \_\_\_\_\_ **LOS:** \_\_\_\_\_ **# Truck Accidents:** \_\_\_\_\_

**Signal Timing: Thru Lanes:** Y N (\_\_\_\_ sec) **Left Turn:** Y N (\_\_\_\_ sec) **Yellow Time:** \_\_\_\_ sec

**Cross Street Signal Timing: Thru Lanes:** Y N (\_\_\_\_ sec) **Left Turn:** Y N (\_\_\_\_ sec) **Yellow Time:** \_\_\_\_ sec

**Turn Lanes (Number)?** LT ( ) RT ( ) None **Lane Width Adequate?** Y N **Width** \_\_\_\_\_

**Notes on Truck Related Issues (Explain below)?**

**Physical?** Y N **Operational?** Y N **Safety?** Y N **Congestion?** Y N **Access?** Y N