

CHECKLIST FOR TRAFFIC CONTROL

DATE _____

S.P. _____

LOCATION _____

LETTING DATE _____

DETOUR (Preliminary Design Stage)

	Yes	No	N/A	Spec Prov	Plan Det.
1. Will traffic be detoured? If no, go to #7.	<input type="checkbox"/>				
2. Are various detours adequate in terms of:	<input type="checkbox"/>				
A. Weight - Spring restrictions, height, width?	<input type="checkbox"/>				
B. Wide loads and oversized?	<input type="checkbox"/>				
C. Capacity and adequate traffic control devices?	<input type="checkbox"/>				
D. Railroad crossings and controls?	<input type="checkbox"/>				
E. Geometrics (turning radii, etc.) ?	<input type="checkbox"/>				
F. Bridge restrictions and other structures?	<input type="checkbox"/>				
G. Conflict with other detour in the area?	<input type="checkbox"/>				
H. Other local motorist routes available?	<input type="checkbox"/>				
I. Can the detour be carried over winter (snow removal) ?	<input type="checkbox"/>				
3. If the detour is to be established on other than trunk highways, has the preliminary contact been made with:					
A. County, City, or Townships?	<input type="checkbox"/>				
B. Who will stripe the detour?					
C. Does the signing require upgrading?					
D. Who will be responsible for routine maintenance (i.e. patching)?					
4. Will all fronting businesses have acceptable ingress and egress and will other municipalities be served?	<input type="checkbox"/>				
A. Are TOD'S necessary for businesses?	<input type="checkbox"/>				

ACTION TAKEN:

	Yes	No	N/A	Spec Prov	Plan Det.
5. Should the following be contacted?	<input type="checkbox"/>				
A. School Bus	<input type="checkbox"/>				
B. Public Transit	<input type="checkbox"/>				
C. Police	<input type="checkbox"/>				
D. Fire	<input type="checkbox"/>				
E. Ambulance	<input type="checkbox"/>				
F. Postal Route	<input type="checkbox"/>				

6. Is a public information meeting required? _____

TRAFFIC CARRIED THROUGH THE PROJECT

7. Will capacity be restricted during the peak hours (Lane Closure)?	<input type="checkbox"/>				
A. Will alternate routes handle the diverted traffic?	<input type="checkbox"/>				
B. Have local governments been contacted?	<input type="checkbox"/>				
C. Number of lanes or reversible lanes needed?	_____				

8. Consider staging (i.e. lengths of permitted construction)	<input type="checkbox"/>				
A. Include in plans or let the contractor plan?	<input type="checkbox"/>				
B. Can contractor stage work differently than planned?	<input type="checkbox"/>				

9. Bypasses or temporary widening needed?	<input type="checkbox"/>				
A. What standards are used?	_____				
B. What locations?	_____				
C. Design speed?	_____				

10. Minimum width? _____

11. Will oversized load permits be affected?	<input type="checkbox"/>				
If yes, will it be signed?	<input type="checkbox"/>				

12. Will the project be in place over the winter months? If yes,	<input type="checkbox"/>				
A. Are traffic control devices adequate for winter?	<input type="checkbox"/>				
B. Are there provisions for the TCD's to be maintained over winter suspension?	<input type="checkbox"/>				

 If yes, who will maintain them? _____

GENERAL CHECKLIST (Detailed Design Stage)

	Yes	No	N/A	Spec Prov	Plan Det.
13. Signing (State or Contractor)					
A. Who maintains or inspects?					
B. How often					
C. TCP provided by State or Contractor?					
D. Are any special signs needed	<input type="checkbox"/>				
If yes, where?					
E. Is cross road signing needed?	<input type="checkbox"/>				
If yes, by whom (State or Contractor)					
14. Are temporary signals needed?	<input type="checkbox"/>				
A. If yes, what type?					
Manual					
Fixed time					
Actuated					
15. Can inplace signals be shutdown?	<input type="checkbox"/>				
If yes, during what hours?					
Does a local municipality need to be contacted?	<input type="checkbox"/>				
16. Is temporary street lighting needed?	<input type="checkbox"/>				
If yes,					
A. Who will install?					
(State or Contractor)					
If State, is request letter needed?	<input type="checkbox"/>				
B. Are breakaway or non-breakaway poles needed?	<input type="checkbox"/>				
C. How will power be furnished?					
D. Is an agreement needed with the power company?	<input type="checkbox"/>				
E. Does inplace lighting need to be kept operational?	<input type="checkbox"/>				
17. Is temporary barrier needed?	<input type="checkbox"/>				
If yes,					
A. Who will furnish, install, and maintain?					
B. Barrier justification					
High ADT					
Excessive drop-off					
C. Will it be incorporated into existing permanent barrier?	<input type="checkbox"/>				
D. How will the barrier be delineated?					
Warning lights (type)					
Delineators (type)					
E. How will the barrier ends be protected?					
Taper buried out to the clear zone					
GREAT attenuator					
Barrel attenuator					
F. Is a spare attenuator needed?	<input type="checkbox"/>				

	Yes	No	N/A	Spec Prov	Plan Det.
18. Are equipment traffic controls going to be used?	<input type="checkbox"/>				
If yes, has the proper permission been obtained?	<input type="checkbox"/>				
19. Is the Contractor's equipment permitted to use crossovers?	<input type="checkbox"/>				
If yes, what type?					
A. Which ones?	_____				

B. Do the Contractor's vehicles need to be marked?	<input type="checkbox"/>				
20. Can the Contractor store equipment, material, and waste material on the construction site?	<input type="checkbox"/>				
If yes, must they follow AASHTO guidelines?	<input type="checkbox"/>				
If no, where?	_____				
21. Can the Contractor's workers park their vehicles on the construction site?	<input type="checkbox"/>				
If yes, where?	_____				
If no, where?	_____				
22. Are temporary pavement markings required?	<input type="checkbox"/>				
A. Who will furnish, install, and maintain?	_____				
B. What type?					
Paint _____					
Tape _____					
TRPM _____					
23. Do inplace stripes need to be replaced?	<input type="checkbox"/>				
A. If yes, where?					
Centerline _____					
Edgeline _____					
B. How will they be removed?	_____				
C. Who will accomplish this?	_____				
24. Is temporary post-mounted delineation needed?	<input type="checkbox"/>				
If yes, who will furnish, install, and maintain?	_____				
25. Will drop-offs and excavations exist?	<input type="checkbox"/>				
If yes,					
A. Will the drop-off exceed 50 mm (2 inches)?	<input type="checkbox"/>	<input type="checkbox"/>			
B. Will the drop-off exceed 100 mm (4 inches)?	<input type="checkbox"/>	<input type="checkbox"/>			
C. Will the drop-off exceed 150 mm (6 inches)?	<input type="checkbox"/>	<input type="checkbox"/>			

ACTION TAKEN

	Yes	No	N/A	Spec Prov	Plan Det.
26. Do in-place signs have to be removed or relocated?	<input type="checkbox"/>				
If yes, by whom?	_____				
27. Are flagging operations required?	<input type="checkbox"/>				
If yes,					
A. What type of operation is being considered?					
Radio communication _____					
Pilot car _____					
Flag carrying _____					
B. Will the flagging operation be continued during daylight hours?	<input type="checkbox"/>				
If yes, is supplemental lighting needed?	<input type="checkbox"/>				
28. Is a construction or work zone speed limit needed?	<input type="checkbox"/>				
If yes, will they use advisories or regulatory signs?	_____				
29. Will the project require any special devices	<input type="checkbox"/>				
Changeable Message Signs, how many?	_____				
30. Will extra protection be required for other road users?	<input type="checkbox"/>				
pedestrians _____					
bicyclists _____					
snowmobiles _____					
trail users _____					
schools _____					
parks _____					
31. Do utility operations affect traffic control?	<input type="checkbox"/>				
32. Will the project require dust control?	<input type="checkbox"/>				
33. Are there any restrictions for traffic control which can not be in-place concurrently? (i.e. fire, police, and traffic routing)	<input type="checkbox"/>				
If yes, by where?	_____				

ACTION TAKEN

	Yes	No	N/A	Spec Prov	Plan Det.
34. Will the source of material on or off the project interfere with traffic or a certain type of traffic?	<input type="checkbox"/>				
35. Does the Contractor have to give advance notice of traffic control changes?	<input type="checkbox"/>				
36. Is the starting or completion date controlled by a school, special events, or holidays? If yes, (event and date)	<input type="checkbox"/>				
<hr/>					
37. Is a working day other than as specified, such as an 18 hour day? What is the work week?	<input type="checkbox"/>				
<hr/>					
38. Is there as conflict between working hours and local ordinances due to noise, air, or water restrictions?	<input type="checkbox"/>				
39. Is there an incentive clause needed in the contract?	<input type="checkbox"/>				
40. Will working days be charged between November 15 and April 15 or suspended by a work order? (See 1806)	<input type="checkbox"/>				
<hr/>					
41. Should there be <u>other than ordinary</u> liquidated damages such as additional penalties? (See 1807)	<input type="checkbox"/>				
42. Is there a possibility that another contract will delay the work of this project?	<input type="checkbox"/>				

ACTION TAKEN