GENERAL NOTES

1. ADVANCE WARNING, TRAIL and SHADOW vehicles shall be equipped with Type B or Type C flashing arrow boards as per the Shoulder and Construction (BC) standards. Arrow boards on WORK vehicles will be optional based on the type of work being performed. The arrow boards shall be operated from the TRAIL VEHICLE and the ADVANCE WARNING VEHICLE.

2. The TxDOT Engineer will determine if the TRAIL VEHICLE is required based on prevailing roadway conditions, traffic volume, and sight distance restrictions. All other vehicles shown for both TCP(3-2a) and TCP(3-2b) are required.

3. The use of rear high intensity rotating, flashing, oscillating, or strobe lights on vehicles is required. Blue high intensity rotating, flashing, oscillating or strobe lights when mounted on the driver's side of the vehicle may be operated simultaneously with the amber beacons or arrow lights.

4. The use of truck mounted attenuators (TMA) on the ADVANCE WARNING, SHADOW, and TRAIL vehicles are required.

5. Reflective sheeting on the rear of the TMA shall meet or exceed the reflectivity and color requirements of DMS 8300, Type A.

6. All vehicle shall have two-way radio communication capability.

7. When work convoys must change lanes, the TRAIL VEHICLE should change lanes first to allow the other convoy vehicles to close lanes.

8. Vehicle spacing between the TRAIL VEHICLE and the SHADOW VEHICLE will vary depending on sight distance restrictions. Motorists approaching the work convoy should be able to see the TRAIL VEHICLE in time to slow down and change lanes as they approach the TRAIL VEHICLE, vehicle spacing between the WORK VEHICLE and SHADOW VEHICLE may vary depending on vehicle, work duration, and other factors.

9. Standard 48" x 48" diamond shaped warning signs with the same message as those shown may be used where adequate mounting space exists.

10. The signs shown should be used on the Advance Warning Vehicle. As an option, a portable changeable message sign (PCMS) or a truck mounted changeable message sign (TMCMS) with a minimum character height of 12", and displaying the same legend may be substituted for these signs. An appropriate directional arrow display, simulating the size and legibility of the flashing arrow board, must be used in the second phase of the PCMS/TMCM message. When this is done, the arrow board will not be required on the Advance Warning Vehicle.

11. Standard diamond shape versions of the CW20-5 series signs may be used as an option if the rectangular signs shown are not available.

12. The principles on this sheet may be used to close lanes from the left side of the roadway considering the number of lanes, shoulder width, sight distance, and ramp frequency.

13. Signs and flashing arrow board modes shall be appropriately altered when implementing left lane closures or interior closures when closing the left lanes.

14. The advance warning vehicle may accommodate the advance when shoulder widths allow as necessary.