



Is the shortest way the best/safest way?

Moving agricultural equipment from one location to another can be challenging and potentially hazardous. There are a variety of situations when it might be better/safer to pick an alternative route.

Safe procedures for public roadway travel include avoid transporting equipment during low visibility conditions, low light (generally 1 hour before sunset to 1 hour after sunrise), other weather conditions (fog, rain, snow), transporting over-weight loads, be aware of bridge and road weight limits, match tractor weight to load weight, transporting over-width equipment, use transport position, use escort vehicle, use warning lights, a spilled material, call 911. Some other situations include meeting on-coming traffic, stay in proper traffic lane, slow down and utilize shoulder if available, accumulating traffic to the rear, pull onto shoulder to allow traffic to pass, crossing unprotected railroad tracks, stop and look both ways, making left turns, may require escort or someone to direct traffic, and use turn-signal, if equipped.

Procedure

1. This teaching aid is to be utilized with the activity on slide 7-13.
2. Create a scenario to haul or drive a piece of farm equipment from the farm to a destination like an elevator or another farm site.
3. Provide them with the dimensions and load weights of the pieces of equipment.
4. Research and find two locations that has alternate routes and include obstacles like a railroad, busy roads, narrow roads, or bridges with load limits (be creative)
5. Use a map app to create a route, then have the students evaluate and determine if there are better/safer routes. Have them reference the points on slides 7-13, 7-14, and 7-15 in the power point.
6. Have students, working in groups, design a route and then present it to the rest of the class.
7. Discuss the pros and cons of the routes.

Materials Needed



County road
map



Map App