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## SAFE OPERATING PROCEDURES

### Field Data Collection Safety/Horizontal Curves

### SOP TMSD-2

<b>Hazard Review</b>		
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Parking	Animals (domestic and wild)	Temperature Extremes
Moving Traffic	Poisonous Plants	Hidden Obstructions
Flying Particles	Poisonous Insects/Snakes	Uneven Footing
Slip, Trip and Fall	Sun Exposure	Debris/Trash/Broken Glass

<b>Required Personal Protective Equipment (PPE) – All Times</b>		
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Safety Vests	Safety Glasses	Vehicle Strobes/Flashers
Safety Shoes	Gloves (work/leather)	

<b>Required Personal Protective Equipment (PPE) – Weather/Seasonal/Location Related</b>		
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Orange Hat	Insect Repellant	Sunscreen
Hard Hat	Poisonous Plant Protection	

1. Before going to the work site:
  - a. Ensure traffic control devices, strobes, flashers, etc., are working and in good condition.
  - b. Ensure hand tools are in good condition.
  - c. Ensure required personal protective equipment (PPE) is in good condition – workers exposed to falling objects must wear a hard hat.
2. Vehicles should be parked on the same side of the road in areas that:
  - a. Provide maximum protection for workers getting in and out of vehicles.
  - b. Provide safe entrances and exits to the work site.
  - c. Prevent potential conflicts with vehicles traveling on the roadway.
3. Consider driver perspectives, lines of sight, and driveways when parking vehicles and placing signs.
4. A minimum of two workers should be available at any given site so at least one can act as a lookout/spotter for on-coming traffic.
5. Portable warning signs are encouraged, if available.
6. Workers should use pliers to hold and position nails.
7. Workers should work facing traffic as much as possible.
8. Workers should face traffic when traveling on foot.
9. Workers should be alert to work site hazards and identify appropriate escape routes.
10. Workers should be alert to wide or oversized loads traveling through work sites.
11. If possible, avoid working during peak hours on high volume traffic routes.
12. Do not leave equipment (tripods, etc.) unattended when positioned in/adjacent to travel way.
13. Remove any traffic control devices in a manner that provides workers with the most protection.

<b>Related SOPs</b>	
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General SOPs.....Chapter 10	Traffic Survey Equipment/Maintenance...11B-83
Field Surveying.....11B-35	Hand Tools (Power and Manual).....12B-13