

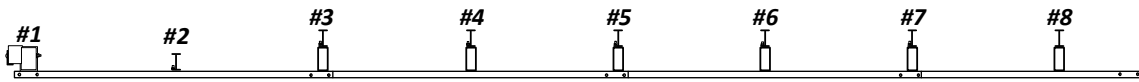
SGET Maintenance/Inspection Checklist

Project #: _____

Date: _____

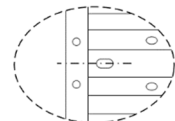
SGET Head #: _____

Location: _____



- The first 50'-0" of guardrail in the SGET system is in a straight line.
- The first 50'-0" of guardrail in the SGET system is at height 31" ± 1" above finished grade.
- The first 12'-6" specialty panel is not attached to the wood breakaway post (#1).
- The first 12'-6" specialty panel is fastened directly to the second post (#2) only with a 1-1/2" guardrail bolt and guardrail nut. No washers and no guardrail blockout are used.
- The series of square and round holes in the first 12'-6" specialty panel are between the wood breakaway post (#1) and the second post (#2).
- The reinforcement plate is properly attached to the rear side of the 12'-6" specialty panel with washers on both the face of the 12'-6" specialty panel and the rear side of the reinforcement plate.
- The soil tube for the wood breakaway post (#1) is not more than 4" above finished grade.
- Conversion to the MGS system in which guardrail splices between posts occurs the first time after the eighth post (#8) with a 9'-4 1/2" guardrail panel being the last downstream panel.
- Spacing between each of the posts (#1 through #8) is 6'-3" on centers.
- Each of the second through eight posts (#2 through #8) are W6X8.5# guardrail posts weakened with 4 holes in the flanges of the posts and the 4 holes in the flanges of each post are at about finished grade.
- Strike plate and strike block are properly positioned on the wood breakaway post (#1) in that the wood lip of the strike block is on the field side of the wood breakaway post (#1) and the metal lip of the strike plate is on the road side of the strike block.

- SGET guardrail head is vertically centered on first 12'-6" specialty panel in that the first slotted rail mounting hole of the first 12'-6" specialty panel is centered between the viewing holes of the SGET guardrail head.



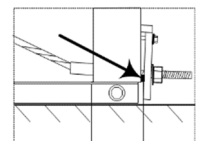
- SGET guardrail head is attached to the wood breakaway post (#1) with only two 3/8" X 3" Grade 5 (GR5) lag screws, each GR5 lag screw having a washer. A single washered GR 5 lag screw is in each of the mounting tabs of the SGET guardrail head. Each lag screw has three tick marks on the head indicating Grade 5 (GR5) and each lag screw is positioned in the middle of the wood breakaway post (#1).

- No more than 1-1/4" of the threaded end of the cable should extend beyond the nut at the end of the guardrail grabber.



- Cable is so tight as to not deflect more than 1" when kicked or stood upon. Tighter is better due tendency of new systems to "set-in" or loosen after installation.

- Curved lip of bearing plate is on top of soil tube and inside the 2-1/2" hole of the wood breakaway post (#1). Bearing plate is lag bolted to wood breakaway post (#1).



Inspection performed by: _____