

GUARDRAIL CHECKLIST

Pre-installation checklist

1. List the applicable standard road plans.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

YES NO

- | | | |
|---|-------|-------|
| 2. Does the current standard road plan date match the date listed in the table on the plan cover sheet? | _____ | _____ |
| 3. Has the grading been done correctly as specified on Standard Road Plan RL-14? | _____ | _____ |
| 4. Have intakes, sod flumes, curbs and shoulder paving been located and constructed correctly? | _____ | _____ |
| 5. On newly constructed bridge end posts, have inner diameter sleeves for the rail attachment bolts been located correctly? | _____ | _____ |

Checklist applicable to all guardrail systems

- | | | |
|---|-------|-------|
| 1. Is the installation line in the right location? | _____ | _____ |
| 2. Are the offsets correct? | _____ | _____ |
| 3. Is post spacing correct? | _____ | _____ |
| 4. Are the post reasonably plumb? | _____ | _____ |
| 5. Is the rail alignment smooth, both horizontally or vertically? | _____ | _____ |
| 6. Have the rail sections been lapped correctly?
(see illustrations in Appendices 12-7 and 12-8) | _____ | _____ |
| 7. Are washers in correct location on all connections? | _____ | _____ |
| 8. Has the final grading been finished? | _____ | _____ |
| 9. Is the rail height above ground correct: 686 mm (27 in) for 2-beam or 813 mm (32 in) for thrie-beam? | _____ | _____ |
| 10. Are object markers and related hardware installed correctly? | _____ | _____ |
| 11. Are delineators in correct position? | _____ | _____ |
| 12. When connecting to existing bridge end posts, are wood shims installed according to RE-27B? | _____ | _____ |
| 13. Are high strength bolts used in bridge end connection? | _____ | _____ |

Checklist applicable to RE-76 end anchorage

Refer to Fleet 350 instructions located on the LAN at:
H:\ProjectDevelopment\Construction\Fleet 350

Or on the manufacturer's web site at:
www.roadsystems.com

Checklist applicable to RE-53 end anchorage

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|--|-------|-------|
| 1. Is expanded polystyrene foam installed correctly? | _____ | _____ |
| 2. Has all the hardware on the end anchorage been installed correctly? | _____ | _____ |
| 3. Is the end anchorage cable tightened? | _____ | _____ |