OMB No. 2130-XXXX

CWR JOINT BAR FRACTURE REPORT

TYPE OF INSPECTION
- ☐ PERIODIC JOINT INSPECTION (213.119[g][5][i])
- ☐ TRACK INSPECTION (213.233)
- ☐ TURNOUT INSPECTION (213.235)

RAILROAD:	SUBDIVISION:		MILEPOST:
DATE FOUND: _____ / _____ / 20_____	ANNUAL MGT:	TRACK #:	TRACK CLASS:

☐ TANGENT ☐ CURVE _____ degrees ☐ LOW / INNER RAIL ☐ IN SPIRAL ☐ HIGH / OUTER RAIL

RAIL SECTION(S): _____ / _____

ANNUAL JOINT INSPECTION FREQUENCY FOR THIS SEGMENT:
☐ 1x ☐ 2x ☐ 3x ☐ 4x ☐ OTHER: _____

DATE OF LAST JOINT INSPECTION:
_____ / _____ / 20_____

BAR TYPE (check all that apply)
☐ STANDARD ☐ INSULATED ☐ COMPROMISE
NUMBER OF HOLES: ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8

FIELD SIDE BAR	GAGE SIDE BAR
BROKEN THROUGH Check location of break:	**BROKEN THROUGH** Check location of break:
☐ CENTER ☐ INNER BOLT HOLE ☐ OTHER	☐ CENTER ☐ INNER BOLT HOLE ☐ OTHER
CRACKED Check location(s) and record length(s):	**CRACKED** Check location(s) and record length(s):
☐ TOP CENTER _____ inches	☐ TOP CENTER _____ inches
☐ BOTTOM CENTER _____ inches	☐ BOTTOM CENTER _____ inches
☐ INNER BOLT HOLE _____ inches	☐ INNER BOLT HOLE _____ inches
☐ OTHER BOLT HOLE _____ inches	☐ OTHER BOLT HOLE _____ inches
☐ OTHER (describe) _____ inches	☐ OTHER (describe) _____ inches

GAP BETWEEN RAIL ENDS _____ INCHES

RAIL END BATTER OR RAMP (Figures 1 and 2)

☐ NORTH or ☐ EAST RAIL END _____ INCHES HIGH _____ INCHES LONG

☐ SOUTH or ☐ WEST RAIL END _____ INCHES HIGH _____ INCHES LONG

TREAD MISMATCH _____ INCHES (Figure 3)

JOINT VERTICAL MOVEMENT _____ INCHES

IF JOINT IN CURVE or SPIRAL:

GAGE RAMP (Figure 4) _____ INCHES OUT _____ INCHES LONG

GAGE MISMATCH (Figure 5) _____ INCHES

JOINT LATERAL MOVEMENT _____ INCHES

OTHER COMMENTS:

_____

_____

_____

Public reporting burden for this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for this information collection is 2130-XXXX. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection, including suggestions for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1120 Vermont Ave., N.W., Washington, D.C. 20590.

FRACTURE REPORT INSTRUCTIONS (DRAFT)

TYPE OF INSPECTION – Indicate the type of inspection being performed when fracture was found.

RAILROAD – FRA railroad reporting code, (e.g. CSX or NS).

SUBDIVISION – Railroad's subdivision or district. If none enter "system".

MILEPOST – Railroad's designated milepost at the location of the fracture.

DATE FOUND – Date the fracture was found.

ANNUAL MGT – Million Gross Tons (from previous year) for the specific track with the fracture.

TRACK CLASS – FRA Class for track with the fracture.

TANGENT/CURVE/SPIRAL/INNER/OUTER – Indicate whether fracture found on tangent, curve (include degree of curvature) or spiral and if inner or outer rail, if applicable.

RAIL SECTION – Indicate each rail section comprising the joint, (e.g. for a standard bar, enter 136/ or for a compromise bar, enter 132/115).

ANNUAL JOINT INSPECTION FREQUENCY – Number of times per year that walking joint bar inspection is performed.

DATE OF LAST JOINT BAR INSPECTION – Date the last walking joint bar inspection was performed.

BAR TYPE/HOLES – Indicate bar type: standard, insulated, or compromise bar and number of holes.

BROKEN THROUGH – For each bar, field and gage, check appropriate box if broken completely through and indicate the location of the break (through center, through inner bolt hole or other location).

CRACKED – For each bar, field and gage, indicate the crack location(s) and corresponding length(s).

GAP BETWEEN RAIL ENDS – Measure and record the distance between the rail ends. If joint is pulled apart or separated, estimate the gap prior to separation.

RAIL END BATTER OR RAMP - Measure and record the ***height and length of the batter or ramp for each rail end*** and record even if found to be zero. See Figures 1 and 2 for method of measurement.

TREAD MISMATCH – Measure and record the tread mismatch. See Figure 3 for method of measurement.

JOINT VERTICAL MOVEMENT – Record the vertical movement of the rail joint (not track surface) according to 213.13.

GAGE RAMP – In curves only, measure and record the gage ramp distance out and length. See Figure 4 for method of measurement.

GAGE MISMATCH – In curves only, measure and record the gage mismatch. See Figure 5 for method of measurement.

JOINT LATERAL MOVEMENT – In curves only, record the lateral movement of the rail joint (not gage) according to 213.13.

OTHER COMMENTS: - Other comments, including any other factors or conditions that may have contributed to the fracture of the bar(s).