

06 BENT LINE DATA FORM

Table with 50 columns and multiple rows. Columns include CARD TYPE, DISTANCE (FEET), SKEW (DEG, MIN, SEC), FRACTIONAL POINTS, DESCRIPTION, and numbered columns 3-9. Header row 11-21: 11 L OR R, 12-14 DEG, 15-17 MIN, 18-20 SEC, 21. Header row 22-28: 22-28 FRACTIONAL POINTS. Header row 29-38: 29-38 DESCRIPTION. Header row 39-46: 39-46. Header row 47-50: 47-50. The table is mostly empty with some pre-filled '0' values in the first column.

BENT LINE DATA RECORDS
(80 MAX. PER SECTION)

- 1. DISTANCE TYPE (COL 11) DISTANCE IS FROM REFERENCE LINE ALONG:
 - 0) HORIZONTAL CONTROL LINE
 - 1) LAYOUT LINE
 - 2) BACK TANGENT
 - 3) AHEAD TANGENT
 - 4) NORMAL TO REFERENCE LINEDISTANCE IS FROM BENT LINE REFERENCED BY COL 46:
 - 6) NORMAL OFFSET
 - 7) SEGMENTED CHORD LENGTH(MAY NOT USE COLS 40 OR 41 MUST HAVE DEFAULT SKEW)
- 2. SKEW TYPE (COL 21) SKEW IS WITH RESPECT TO:
 - 0) DEFAULT
 - 1) HORIZONTAL CONTROL LINE
 - 2) LAYOUT LINE
 - 3) BACK TANGENT
 - 4) AHEAD TANGENT
- 3. SEGMENTED GIRDER LINE TO BE BROKEN AT THIS BENT LINE (COL 39)
- 4. BENT LINE OFFSETS FOR FLARED GIRDER LINES (COL 40)
- 5. INITIAL OR TERMINAL BENT TO DEFINE CHORD LAYOUT LINE (COL 41)
- 6. SUPPRESS LISTING (COL 42)
- 7. SELECTIVE INTERSECTIONS (COL 43)
 - A BENT LINE WITH A CHARACTER (A-Z OR 1-9) IN THIS COL WILL BE INTERSECTED ONLY WITH GIRDER LINE (05 RECORD) HAVING THE SAME CHARACTER IN COL 53
 - A BENT LINE WITH THE DIGIT ZERO IN THIS COL WILL BE INTERSECTED ONLY WITH GIRDER LINES HAVING ANY DIGIT (1-9) IN COL 53
 - A BENT LINE WITH THE CHARACTER * IN THIS COL WILL NOT INTERSECT ANY GIRDER LINE
- 8. CHARACTER TO MATCH 07 RECORD COL 4 FOR DEAD LOAD DEFLECTIONS (COL 44)
- 9. SECONDARY REFERENCE LINES (COLS 45-46)
 - INDICATE A SECONDARY REFERENCE LINE WITH A CHARACTER IN COL 45
 - BENT LINES REFERENCED BY DISTANCE TYPE 6 OR 7 MUST HAVE THIS CHARACTER IN COL 46

