

APPENDIX F

Girder Deflection Results

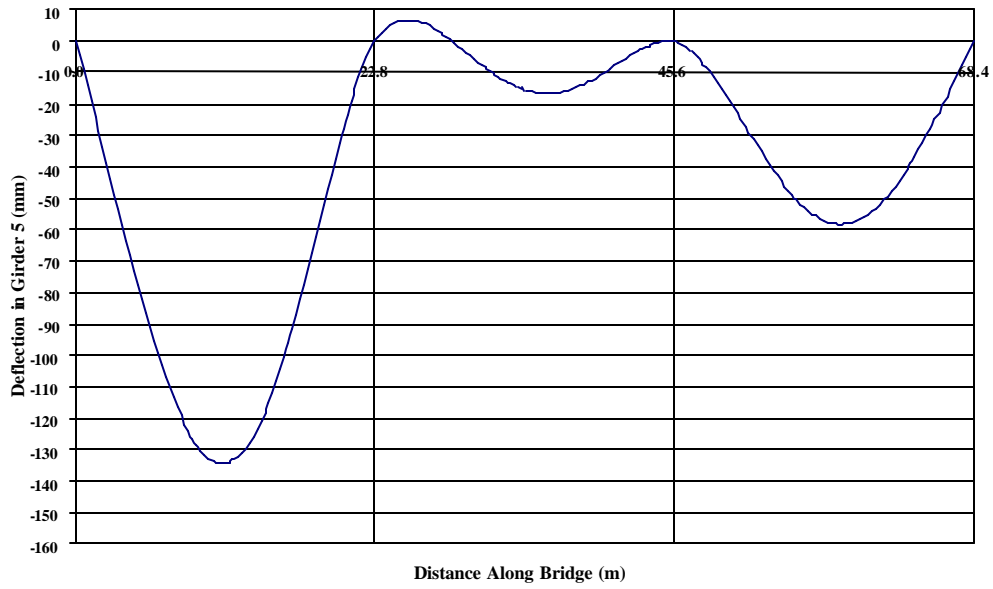


Figure 121

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
- 30° Diaphragm Skew - Strength I Maximum Loading Condition**

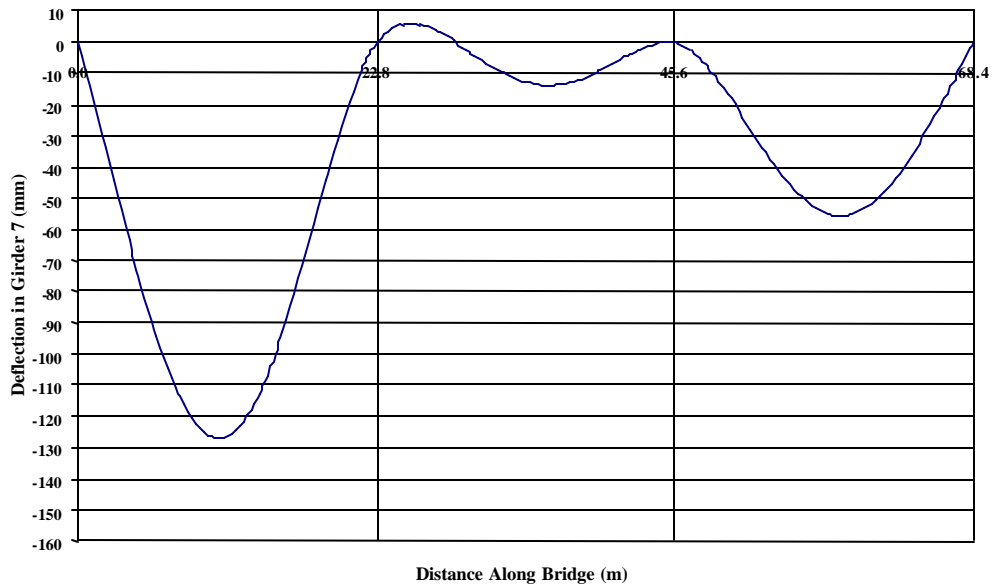


Figure 122

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
- 30° Diaphragm Skew - Strength I Maximum Loading Condition**

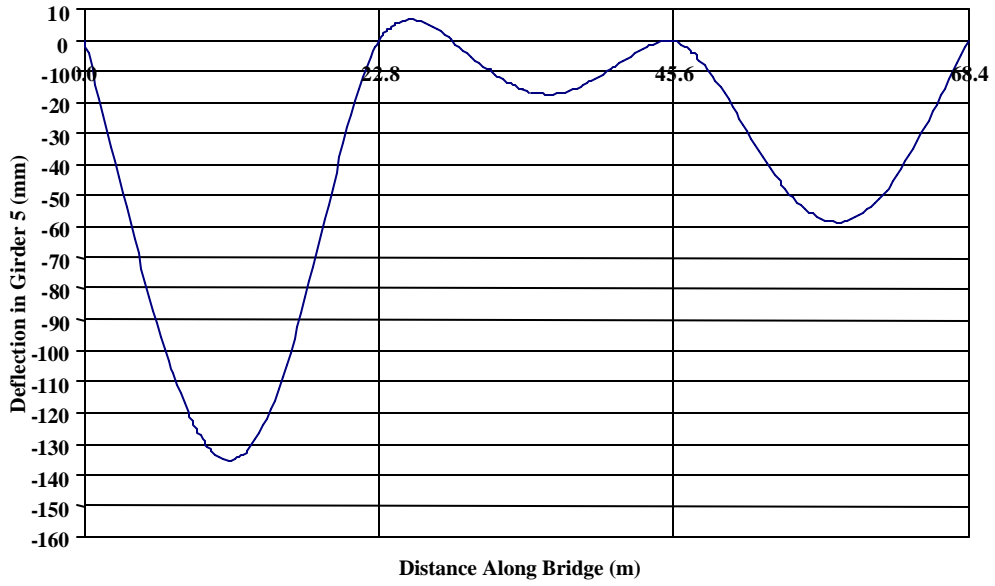


Figure 123

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - 65° Diaphragm Skew - Strength I Maximum Loading Condition**

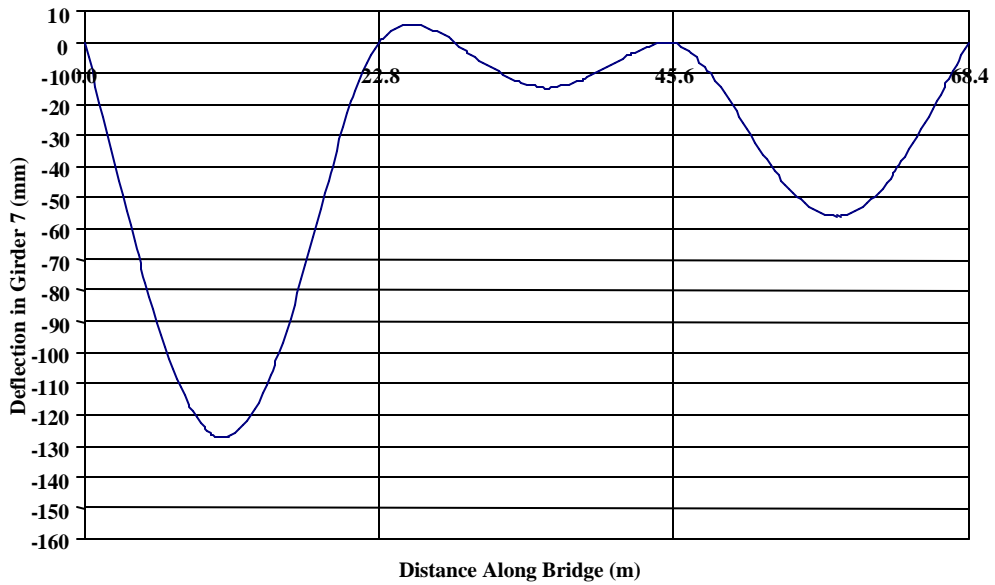


Figure 124

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - 65° Diaphragm Skew - Strength I Maximum Loading Condition**

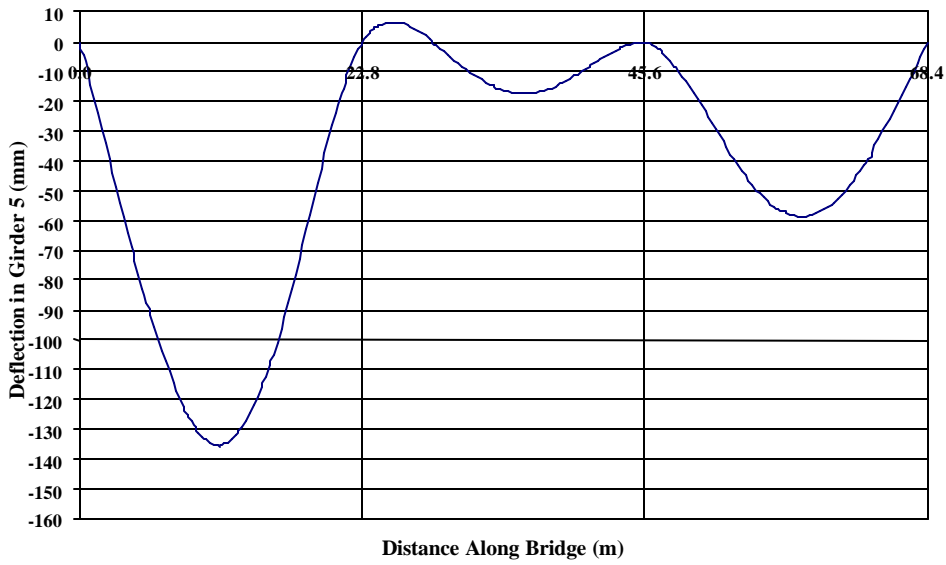


Figure 125

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**

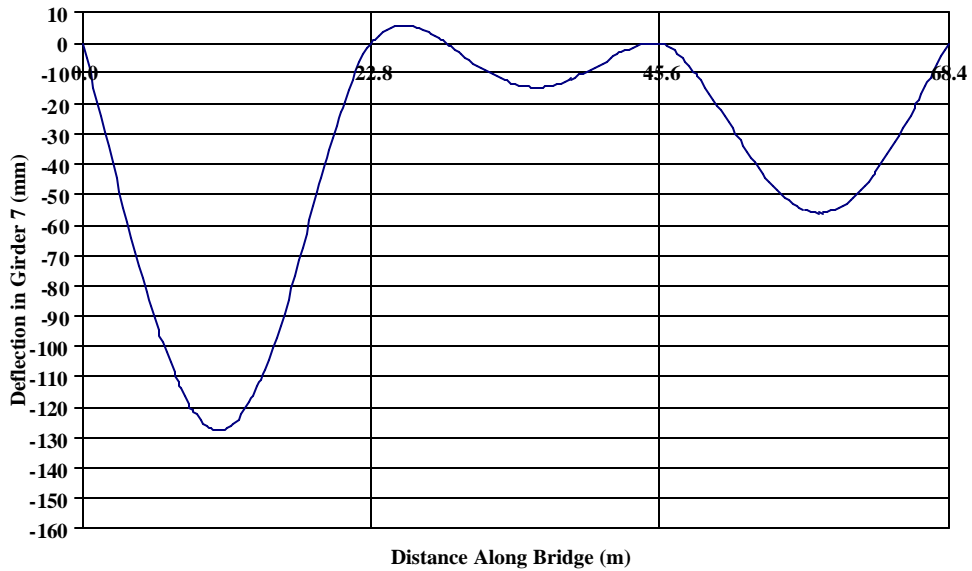


Figure 126

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**

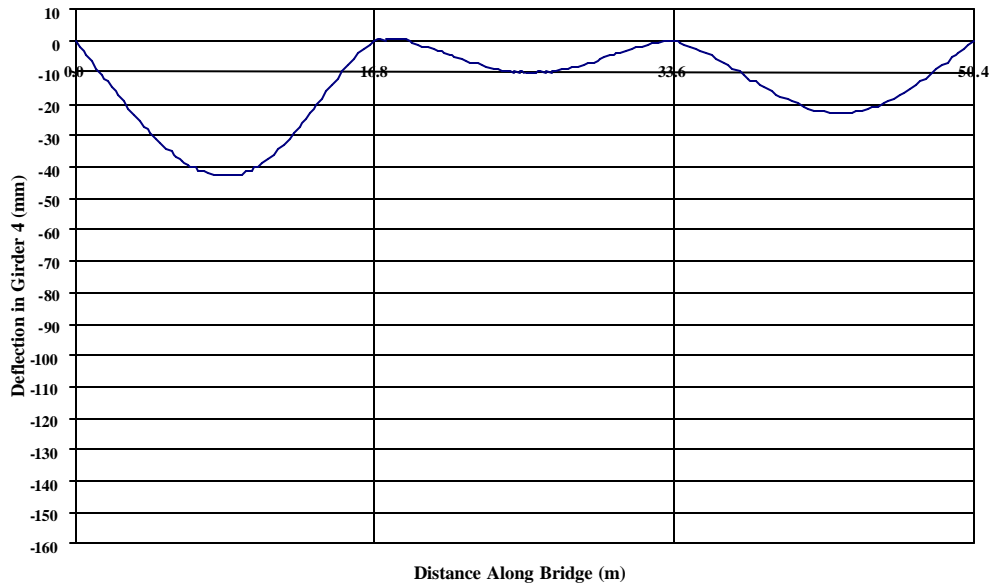


Figure 127

Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 30° Diaphragm Skew - Strength I Maximum Loading Condition

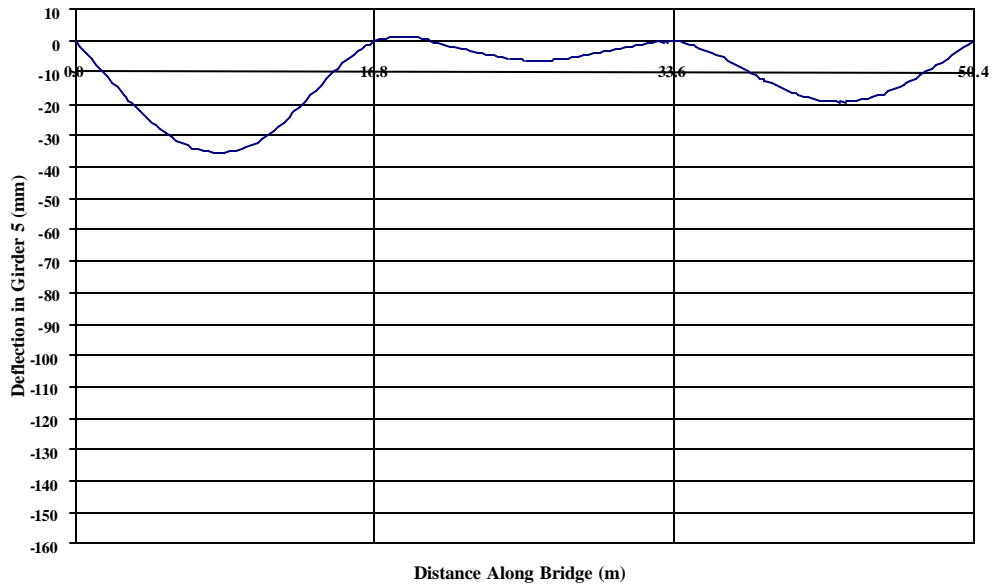


Figure 128

Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 30° Diaphragm Skew - Strength I Maximum Loading Condition

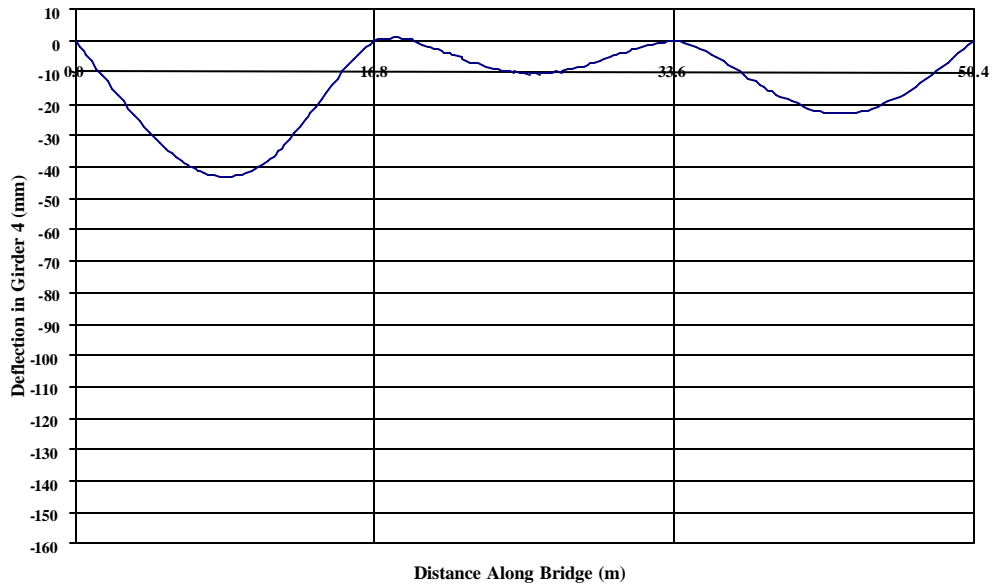


Figure 129

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
- 65° Diaphragm Skew - Strength I Maximum Loading Condition**

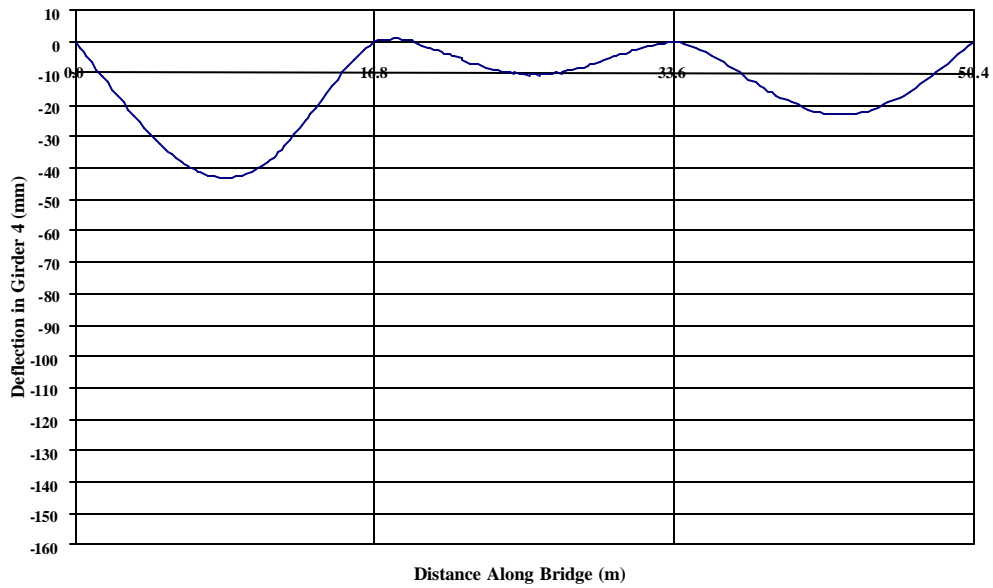


Figure 130

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
- 65° Diaphragm Skew - Strength I Maximum Loading Condition**

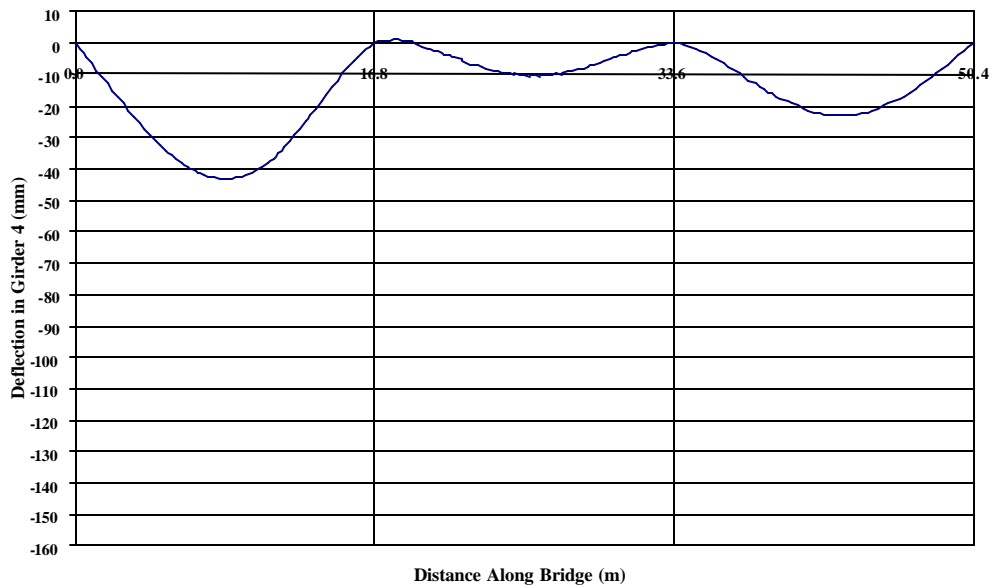


Figure 131

Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

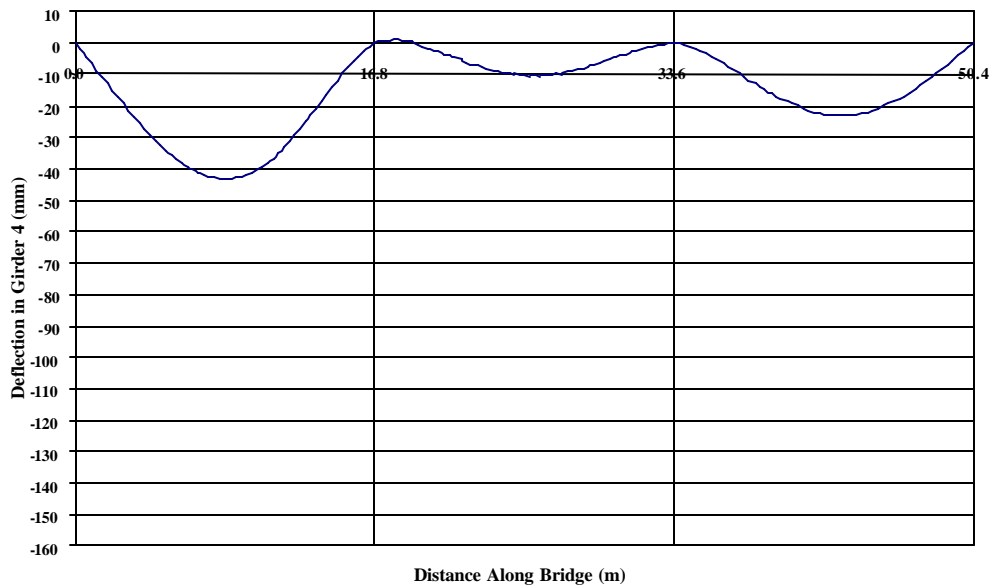


Figure 132

Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

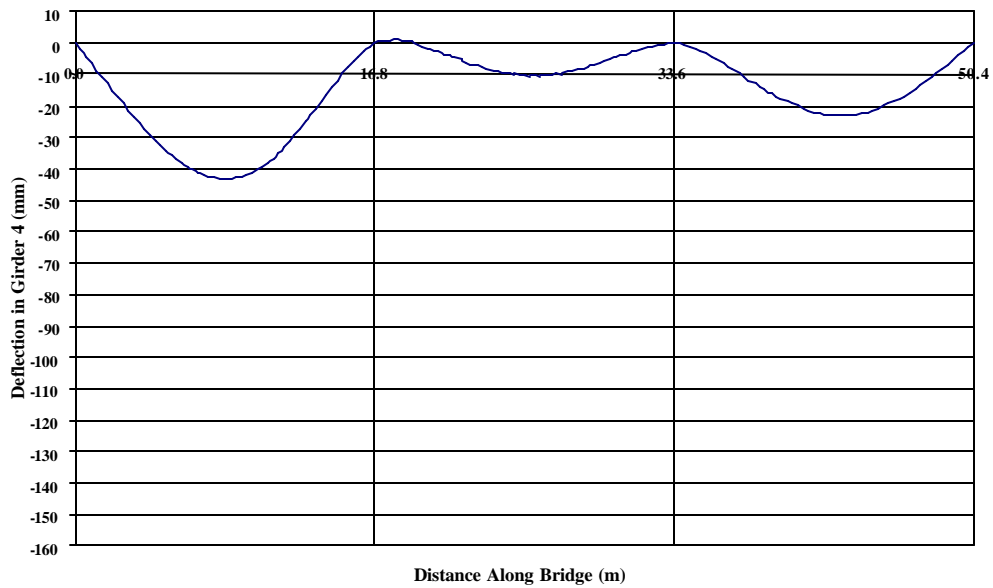


Figure 133

Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

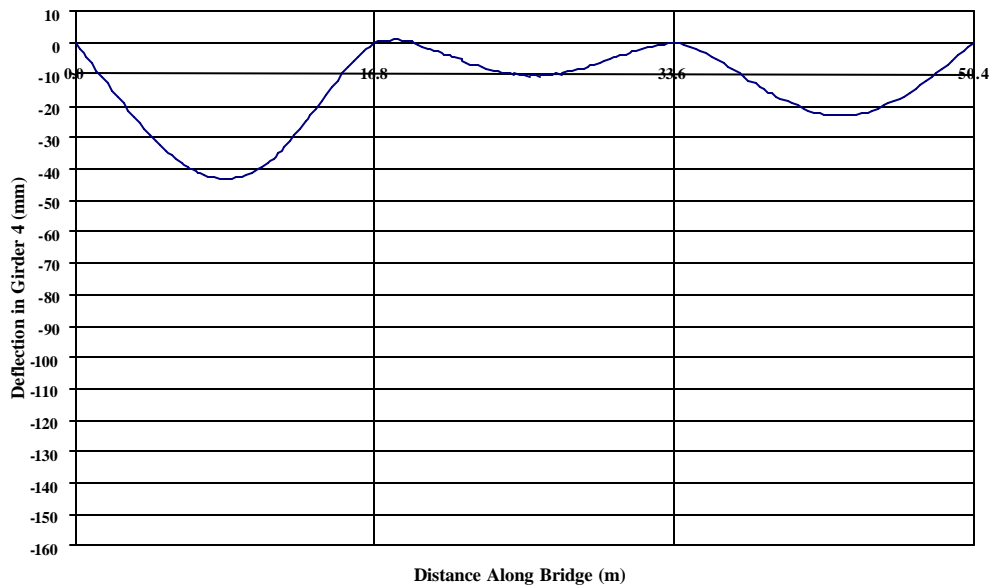


Figure 134

Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

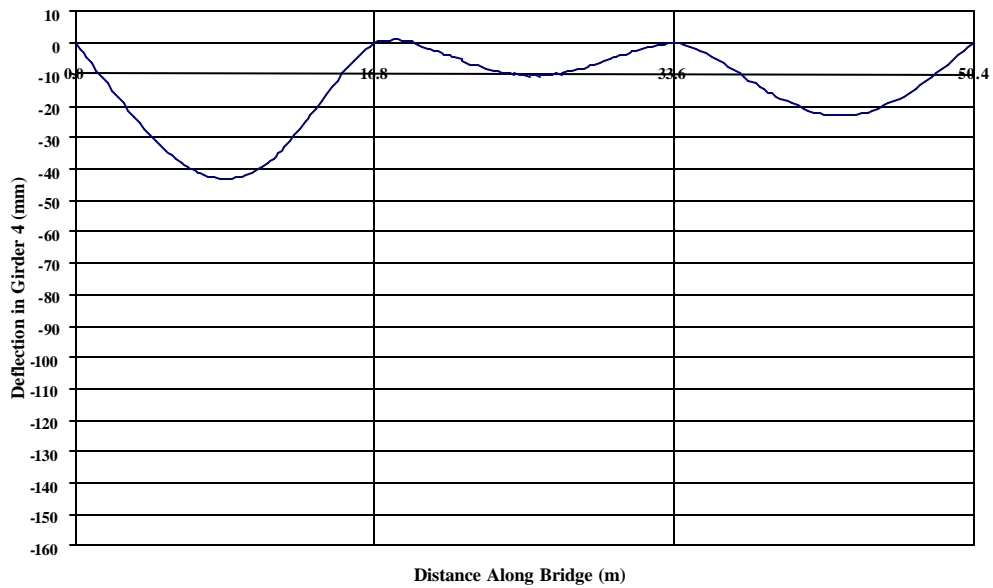


Figure 135

Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

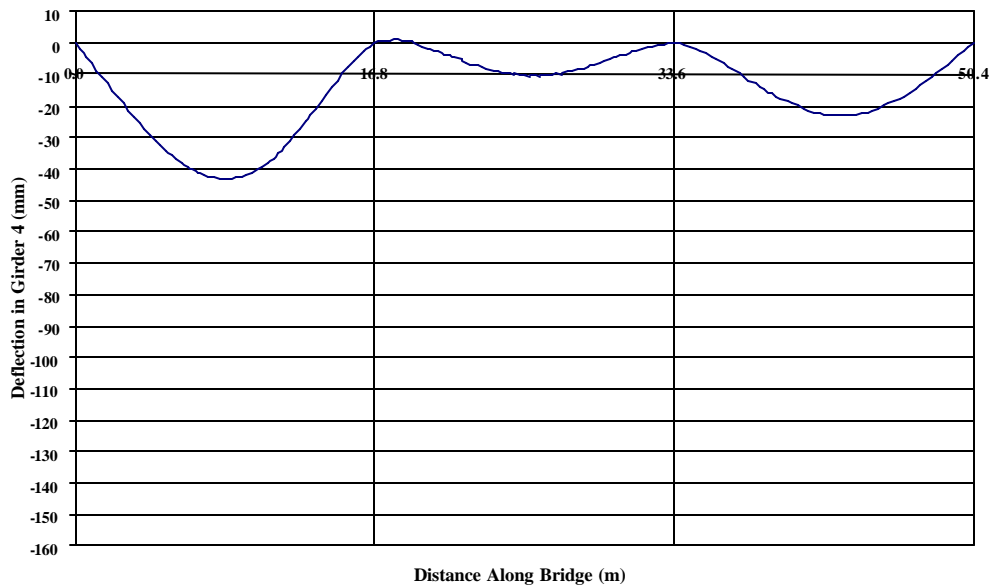


Figure 136

Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

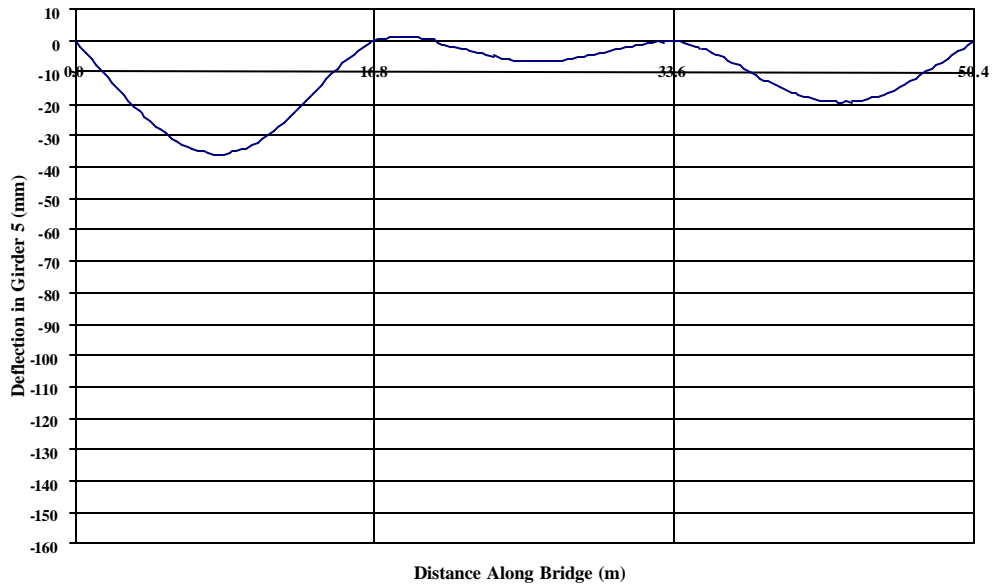


Figure 137

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
 - 65° Diaphragm Skew - Strength I Maximum Loading Condition**

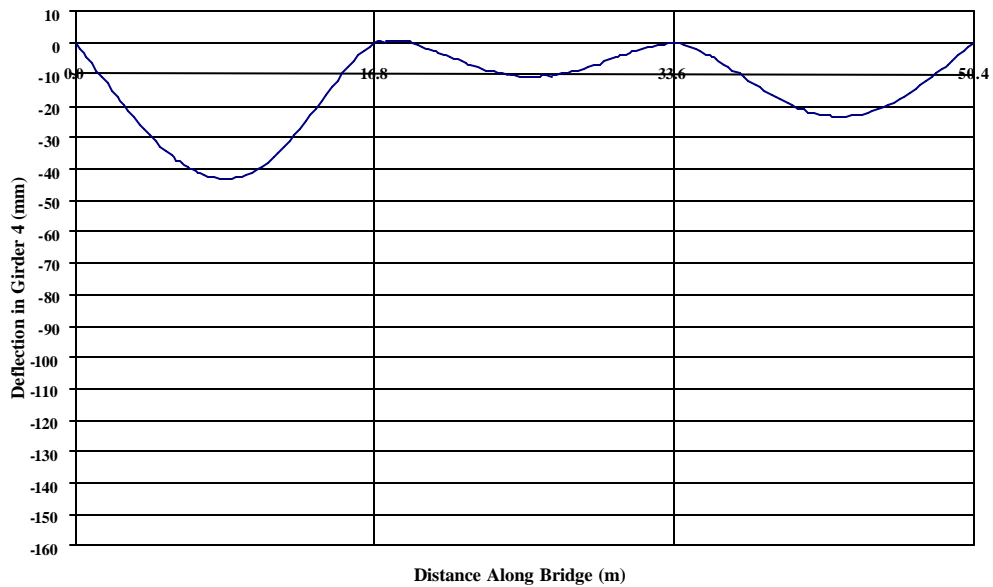


Figure 138

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**

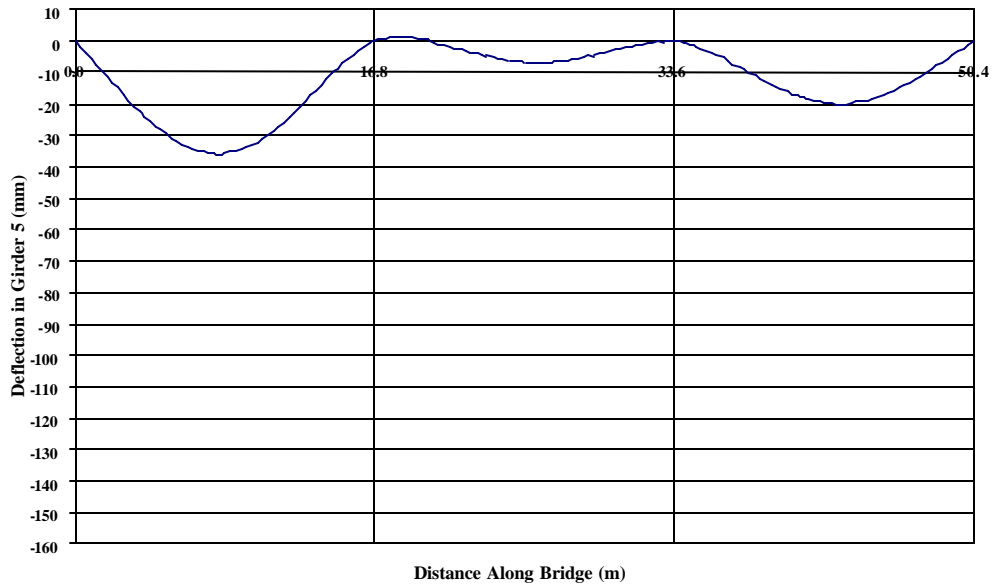


Figure 139

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
- No Diaphragm Skew - Strength I Maximum Loading Condition**

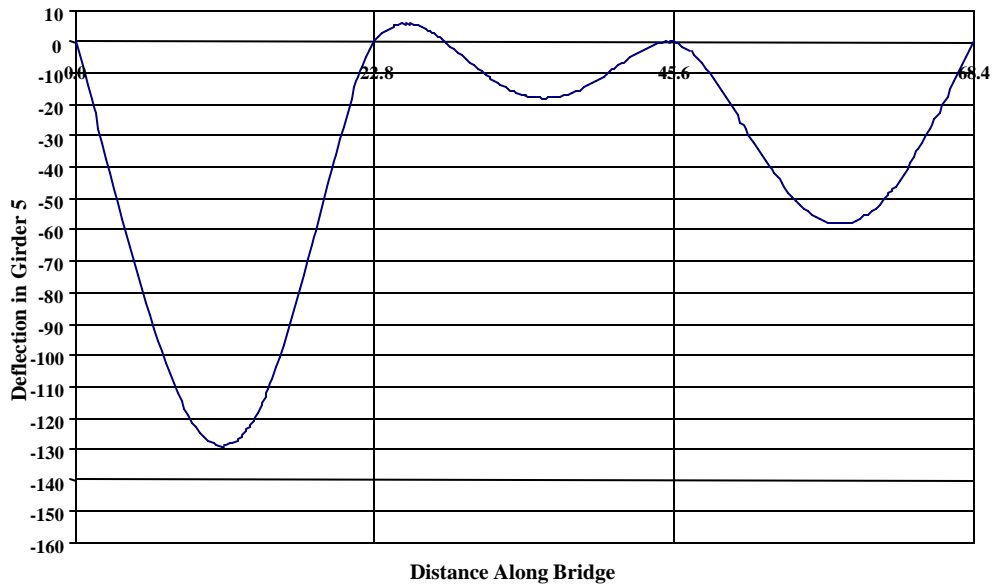


Figure 140

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
- 30° Diaphragm Skew - Strength I Maximum Loading Condition**

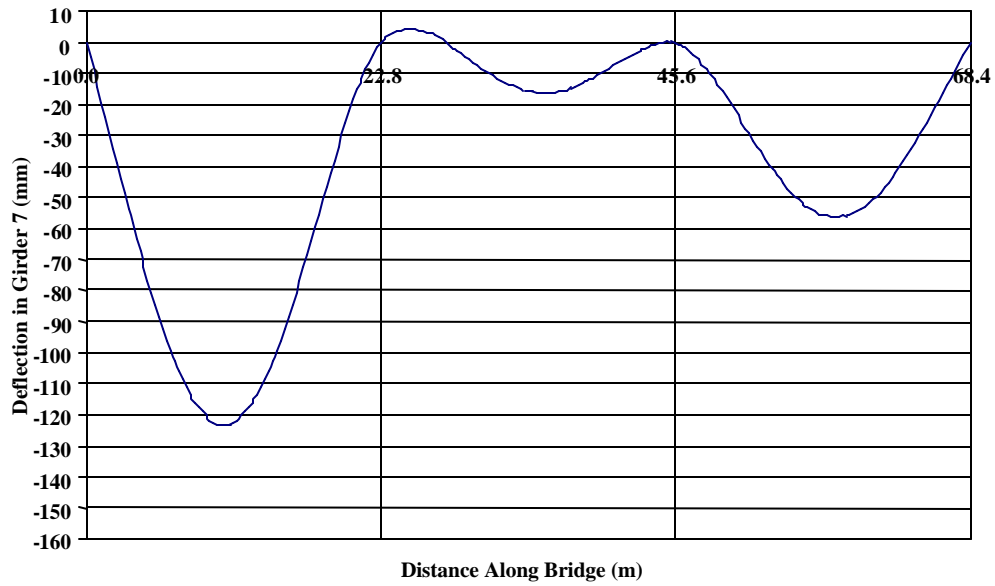


Figure 141

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - 30° Diaphragm Skew - Strength I Maximum Loading Condition**

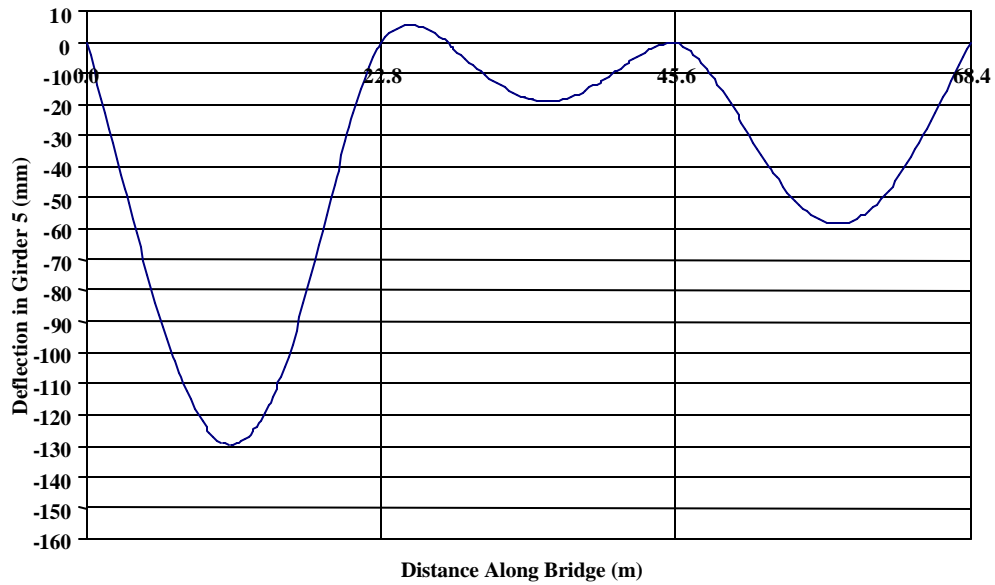


Figure 142

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - 65° Diaphragm Skew - Strength I Maximum Loading Condition**

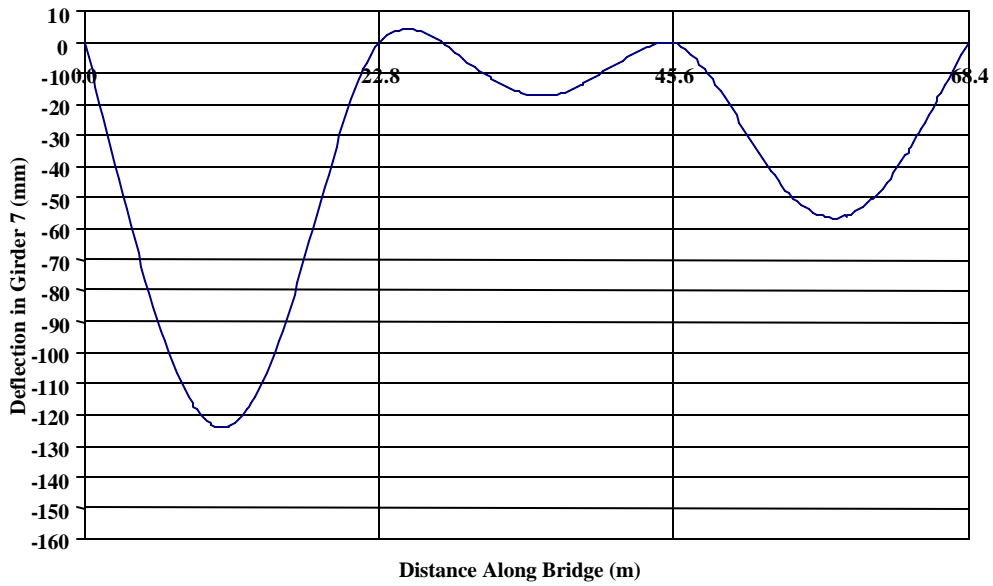


Figure 143

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - 65° Diaphragm Skew - Strength I Maximum Loading Condition**

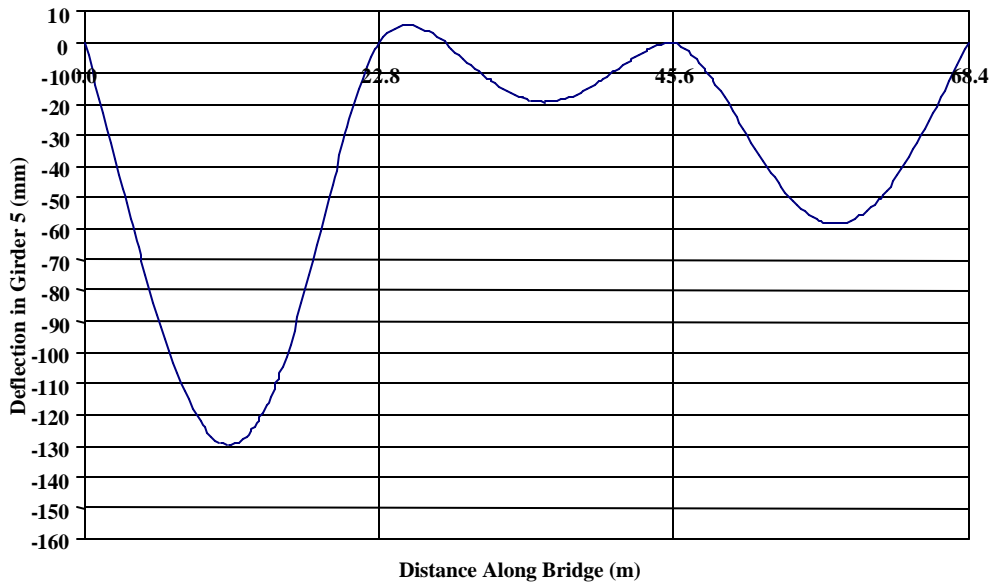


Figure 144

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**

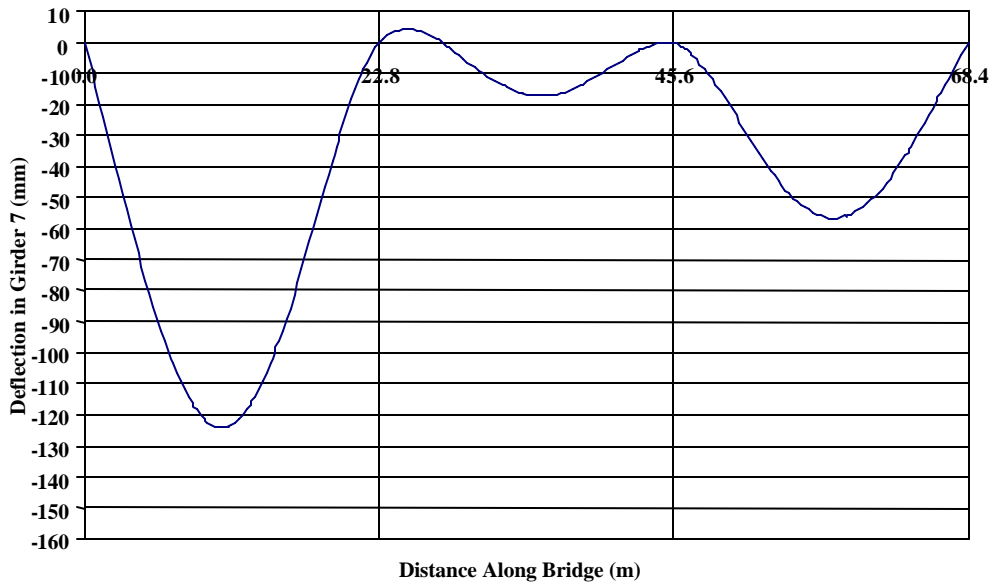


Figure 145

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 22.8 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**

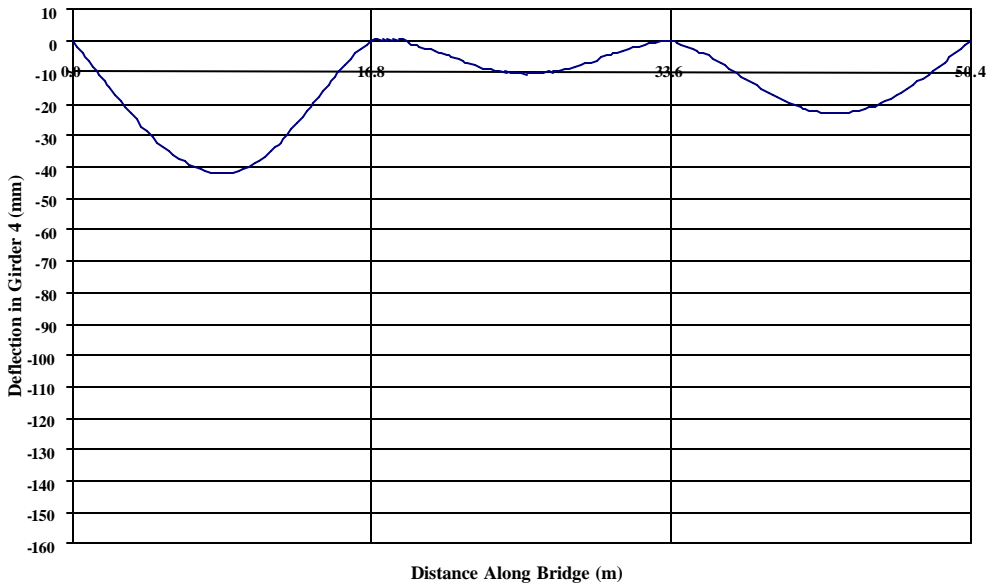


Figure 146

**Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
 - 30° Diaphragm Skew - Strength I Maximum Loading Condition**

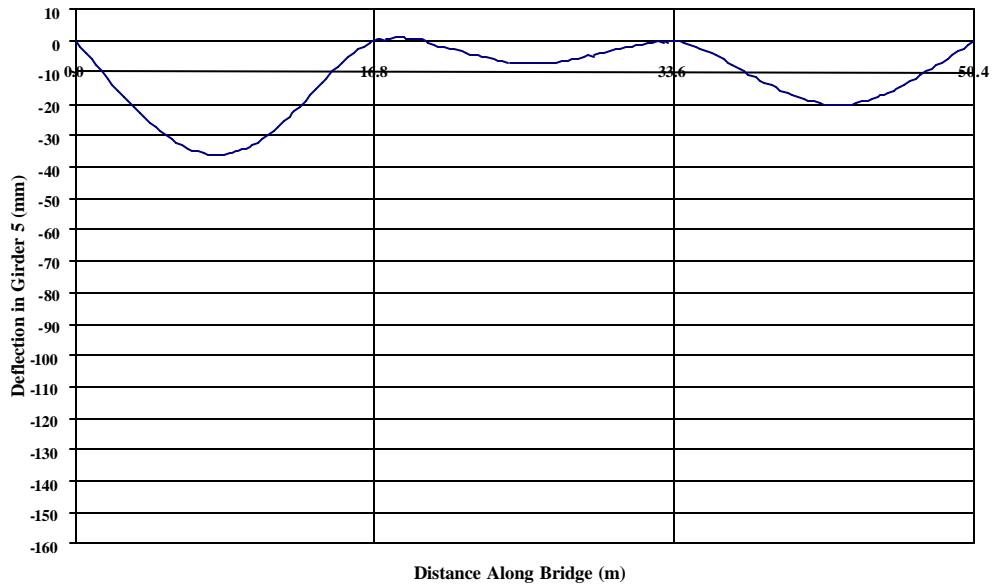


Figure 147

**Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
 - 30° Diaphragm Skew - Strength I Maximum Loading Condition**

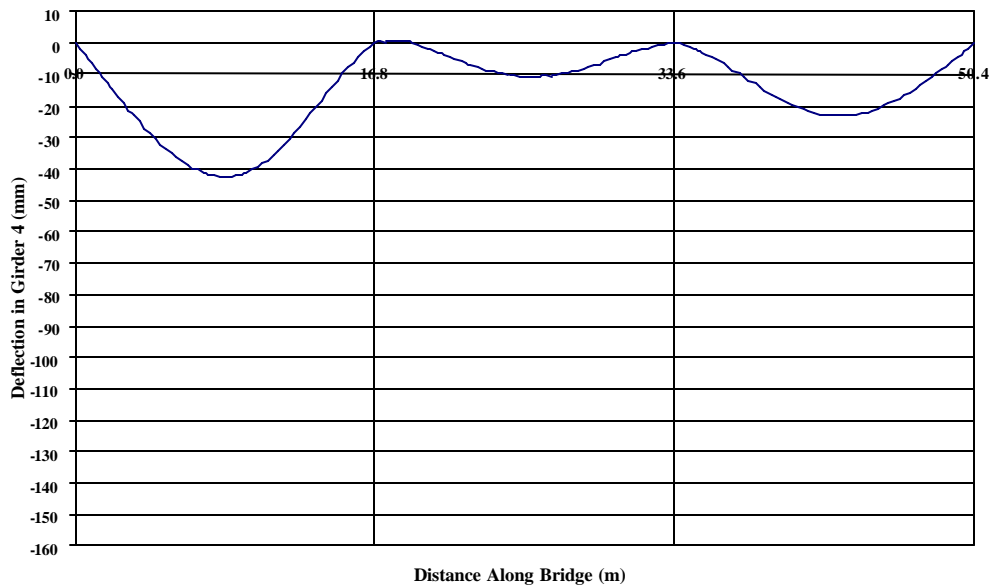


Figure 148

**Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
 - 65° Diaphragm Skew - Strength I Maximum Loading Condition**

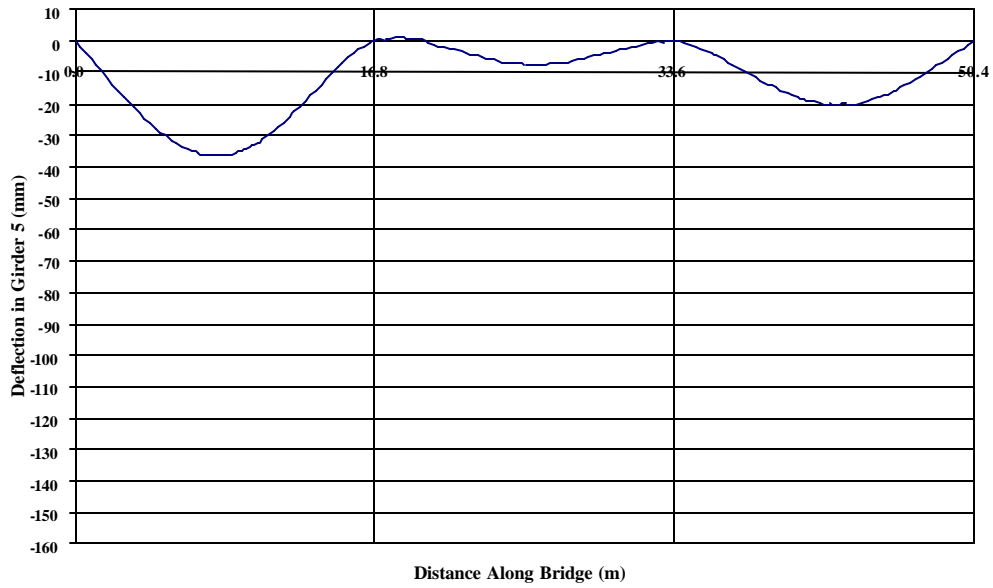


Figure 149

Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

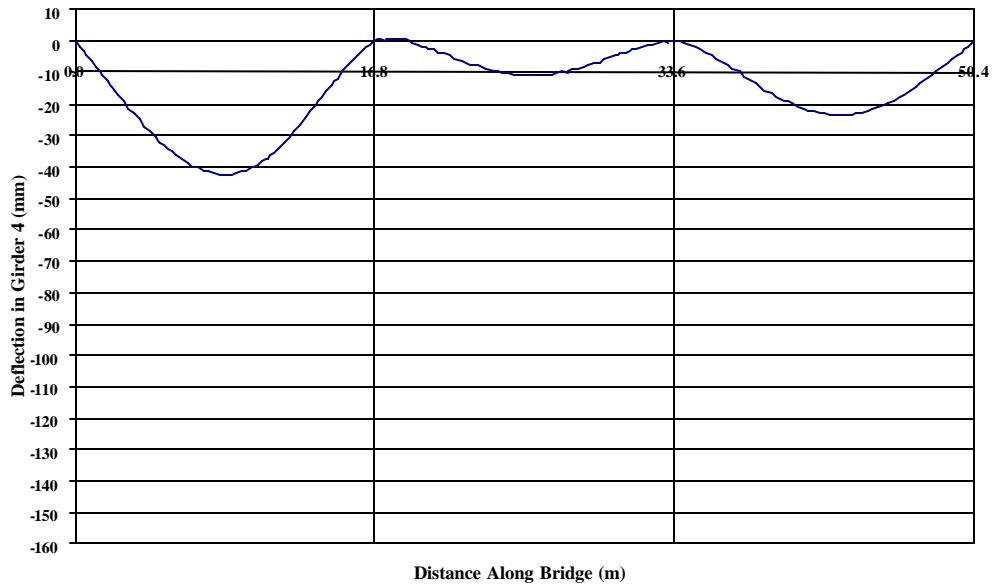


Figure 150

Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m - No Diaphragm Skew - Strength I Maximum Loading Condition

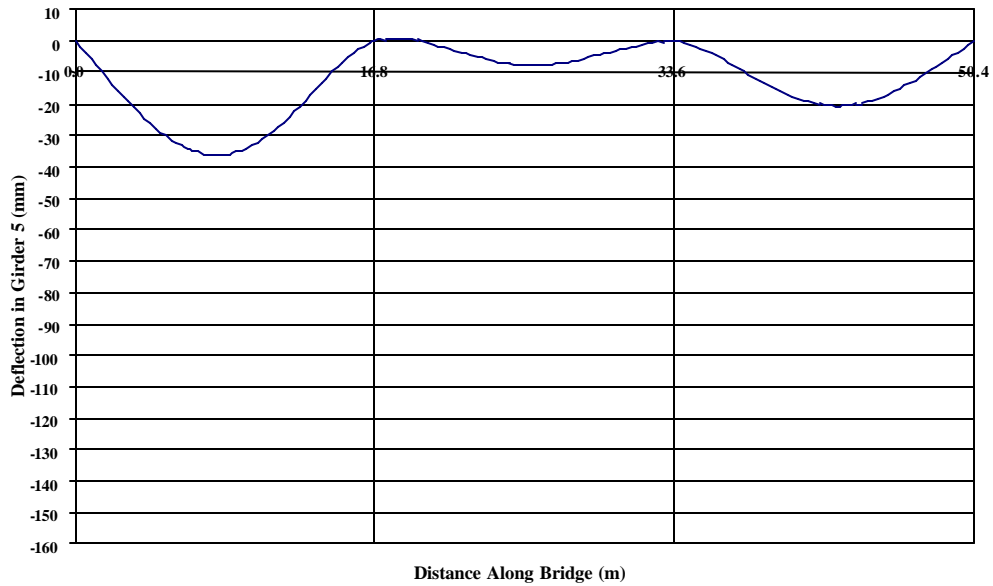


Figure 151

**Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 16.8 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**

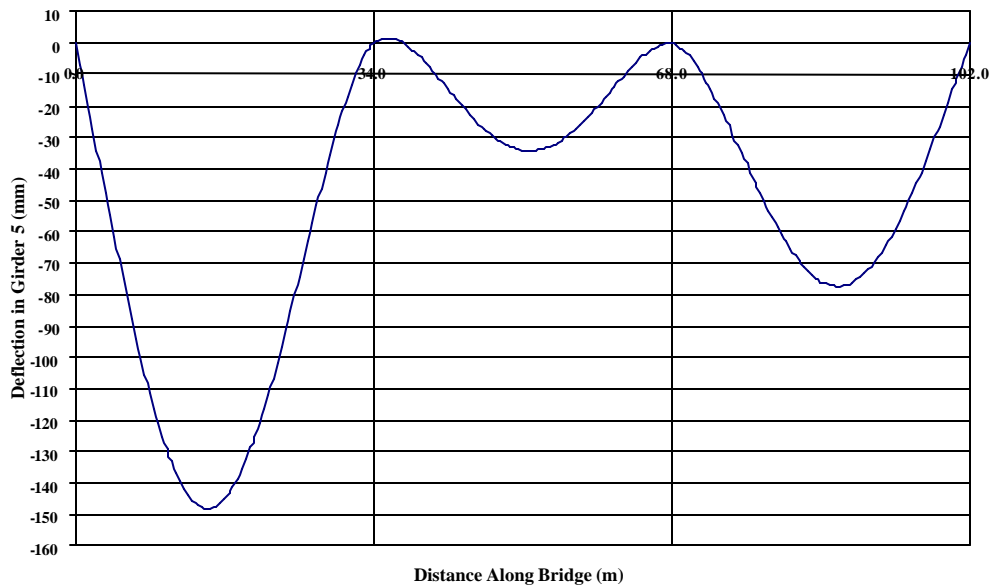


Figure 152

**Type IV Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
 - 30° Diaphragm Skew - Strength I Maximum Loading Condition**

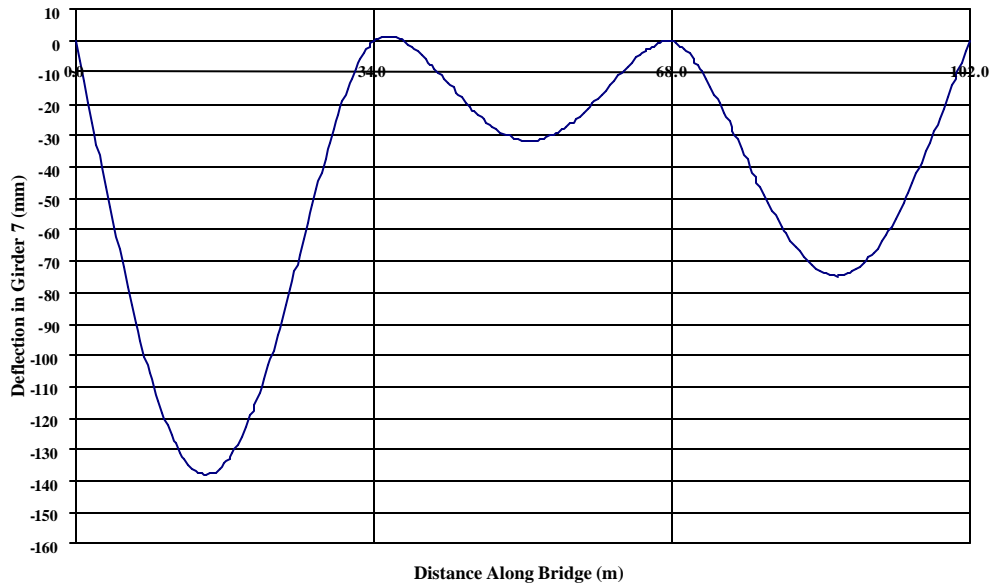


Figure 153

**Type IV Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
- 30° Diaphragm Skew - Strength I Maximum Loading Condition**

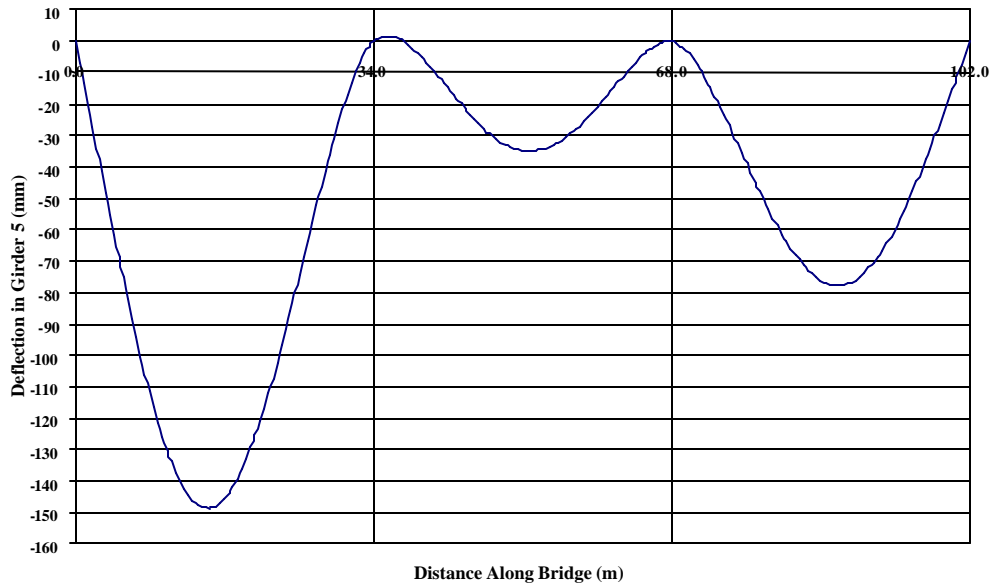


Figure 154

**Type IV Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
- 65° Diaphragm Skew - Strength I Maximum Loading Condition**

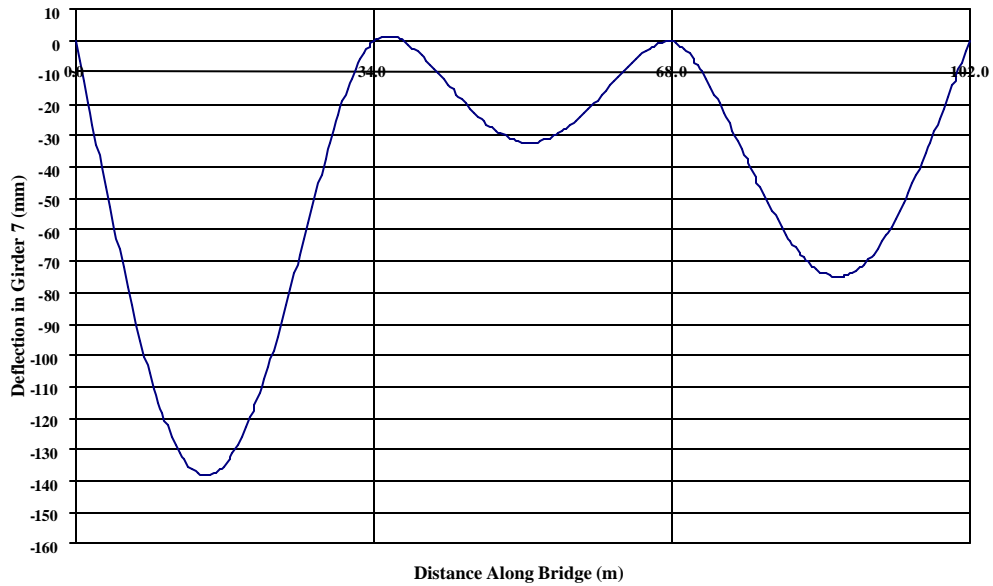


Figure 155

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
- 65° Diaphragm Skew - Strength I Maximum Loading Condition**

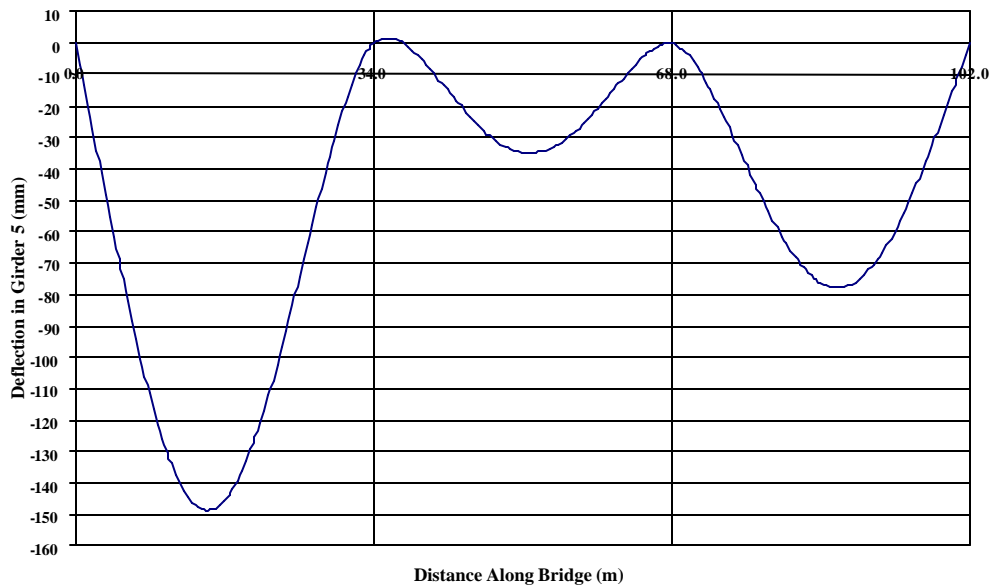


Figure 156

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
- No Diaphragm Skew - Strength I Maximum Loading Condition**

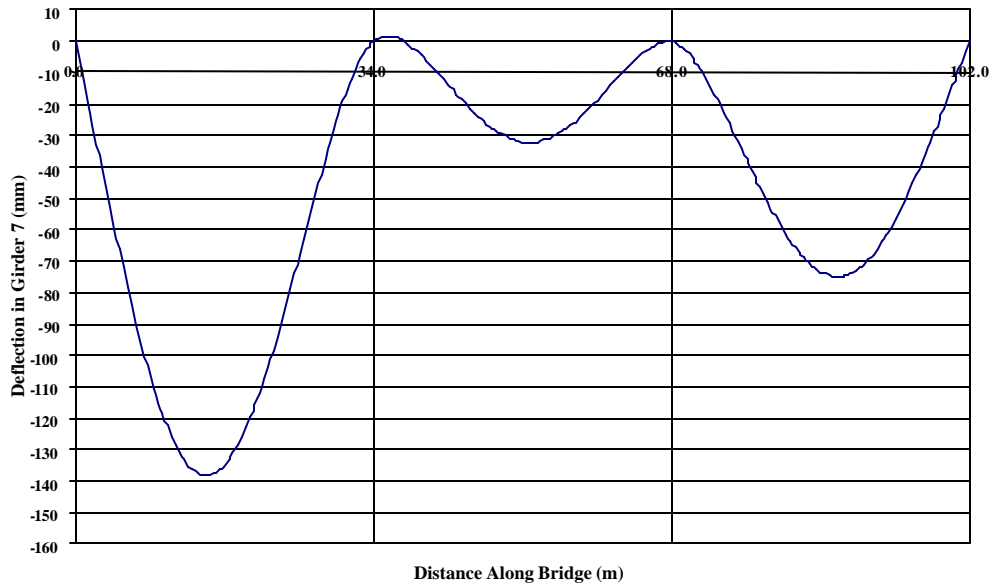


Figure 157

**Type II Girder - 10° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
- No Diaphragm Skew - Strength I Maximum Loading Condition**

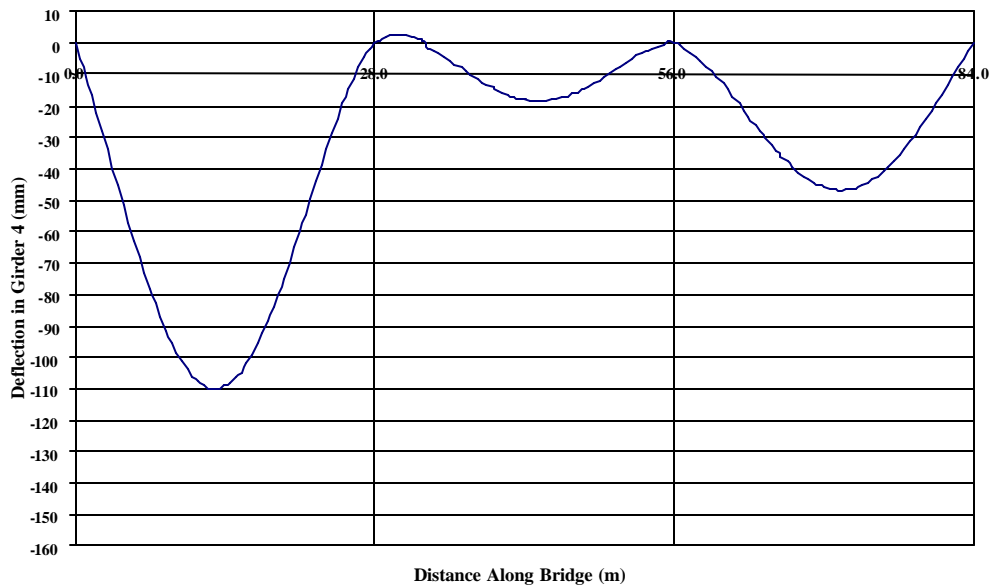


Figure 158

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
- 30° Diaphragm Skew - Strength I Maximum Loading Condition**

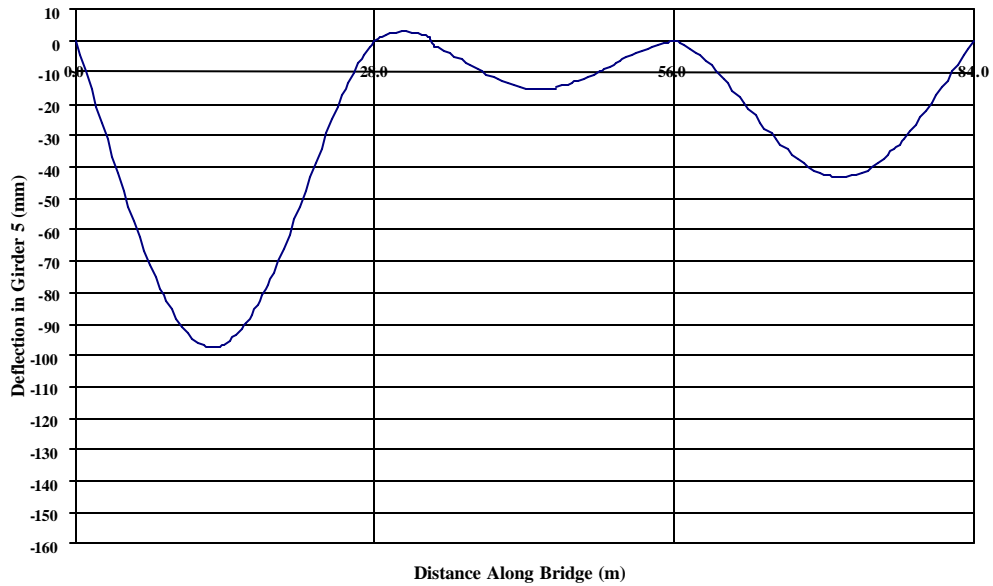


Figure 159

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
 - 30° Diaphragm Skew - Strength I Maximum Loading Condition**

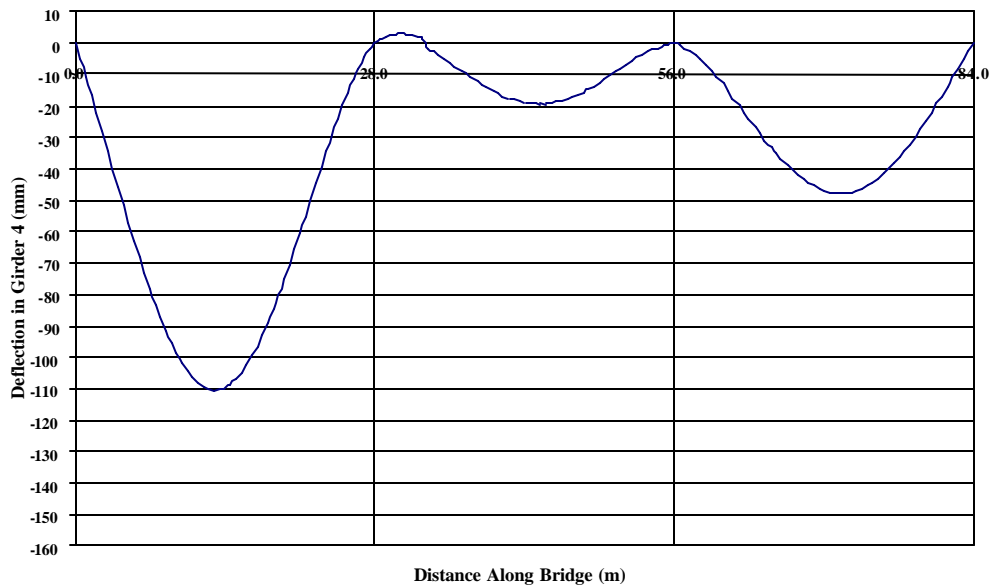


Figure 160

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
 - 65° Diaphragm Skew - Strength I Maximum Loading Condition**

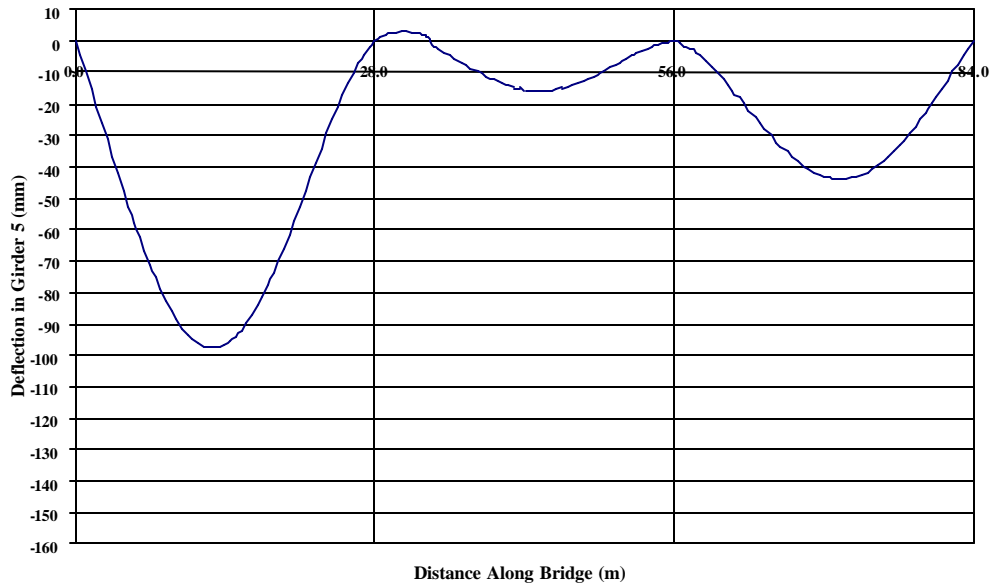


Figure 161

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
- 65° Diaphragm Skew - Strength I Maximum Loading Condition**

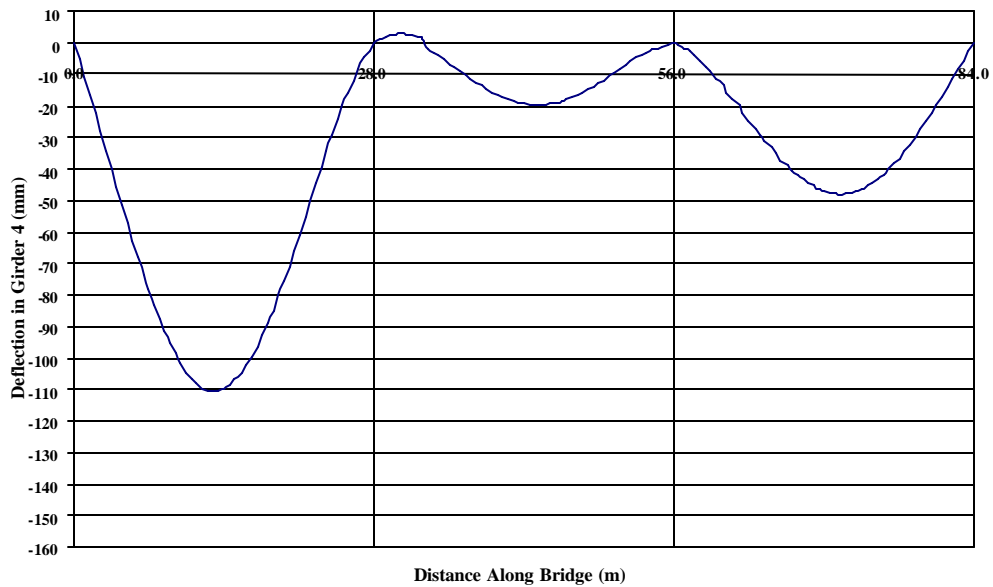


Figure 162

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
- No Diaphragm Skew - Strength I Maximum Loading Condition**

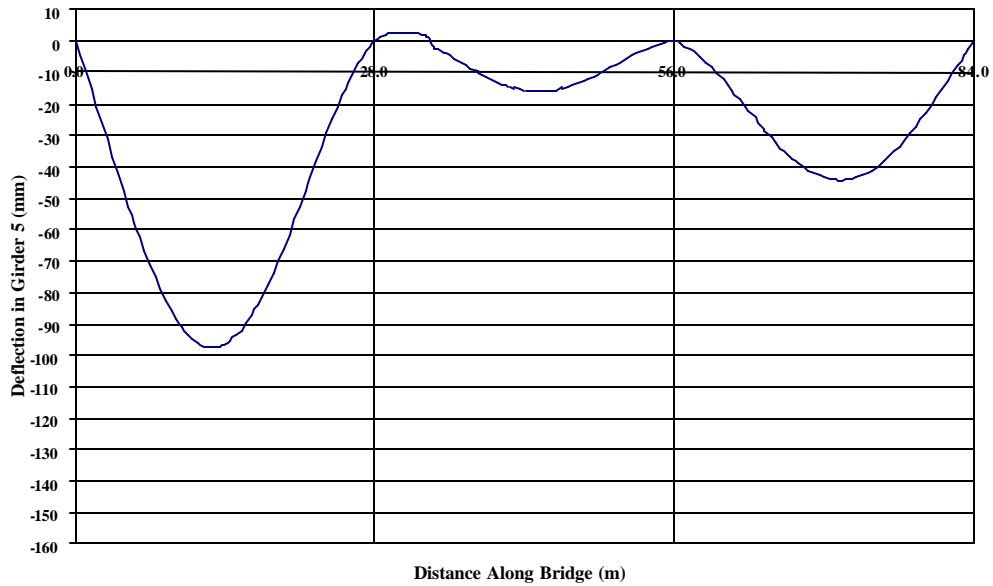


Figure 163

**Type II Girder - 10° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**

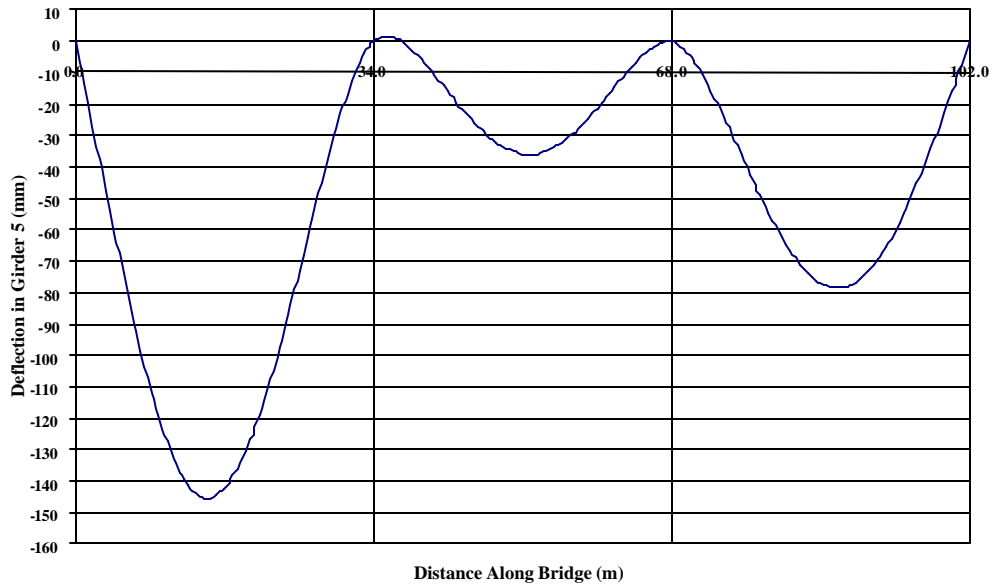


Figure 164

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
 - 30° Diaphragm Skew - Strength I Maximum Loading Condition**

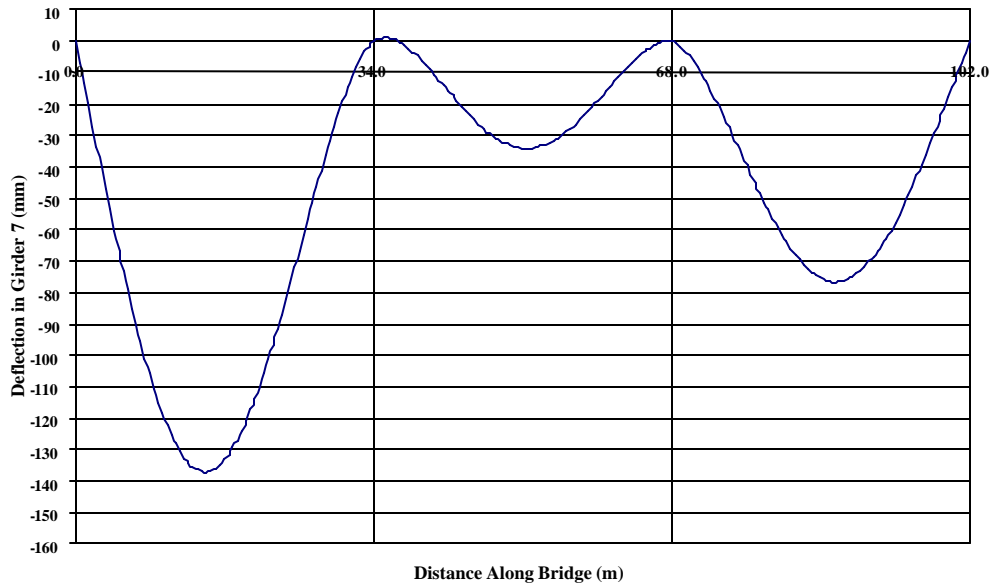


Figure 165

Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m - 30° Diaphragm Skew - Strength I Maximum Loading Condition

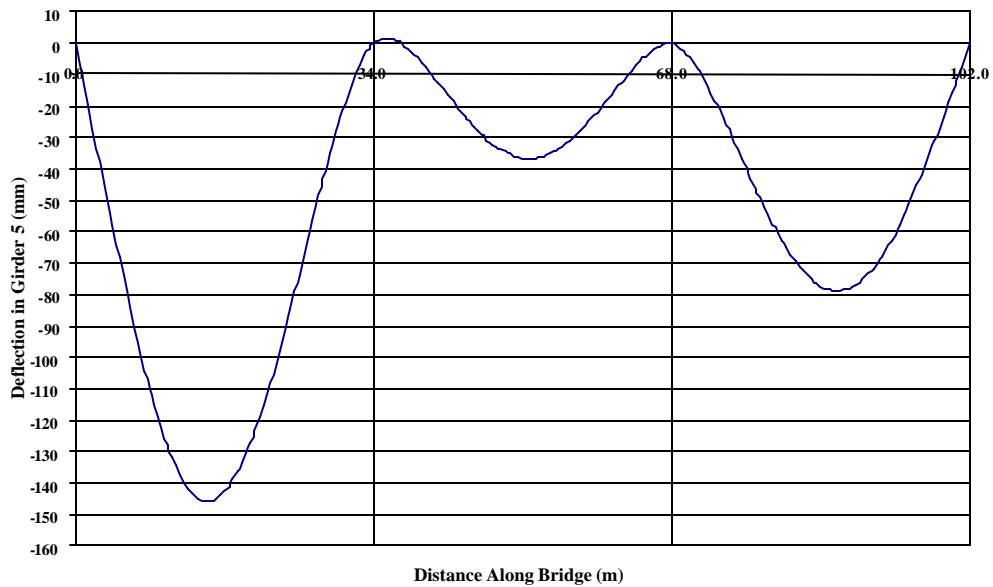


Figure 166

Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

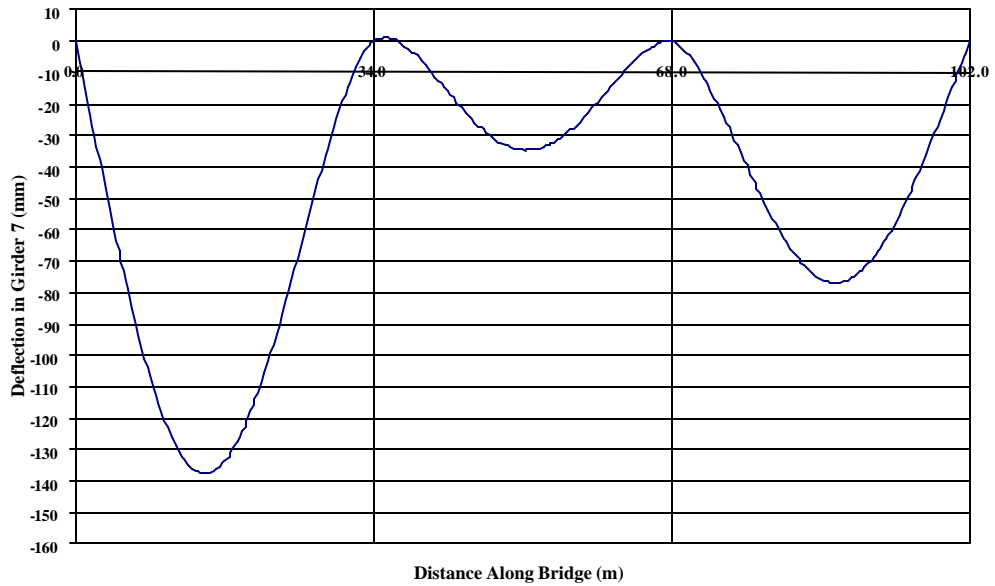


Figure 167

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
- 65° Diaphragm Skew - Strength I Maximum Loading Condition**

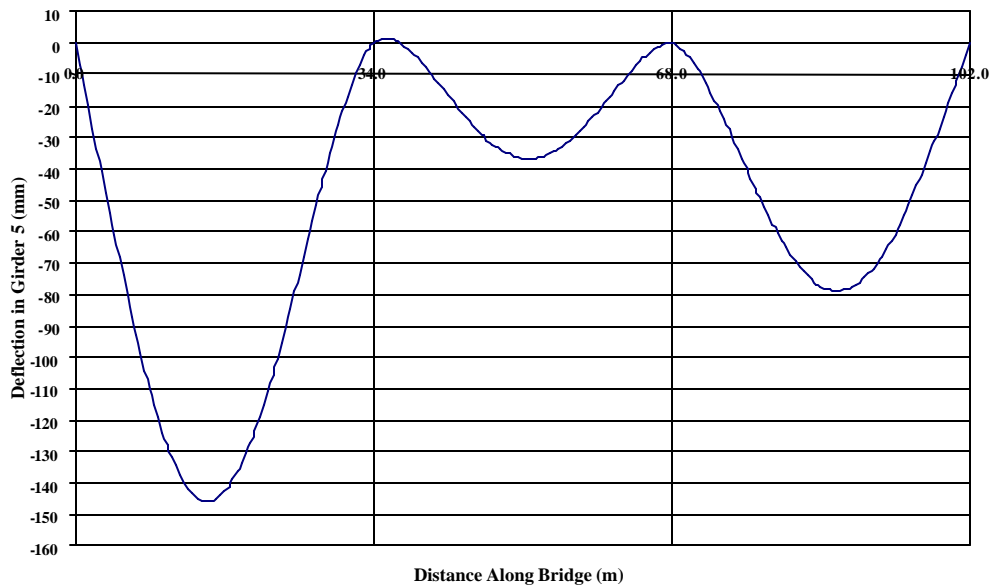


Figure 168

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
- No Diaphragm Skew - Strength I Maximum Loading Condition**

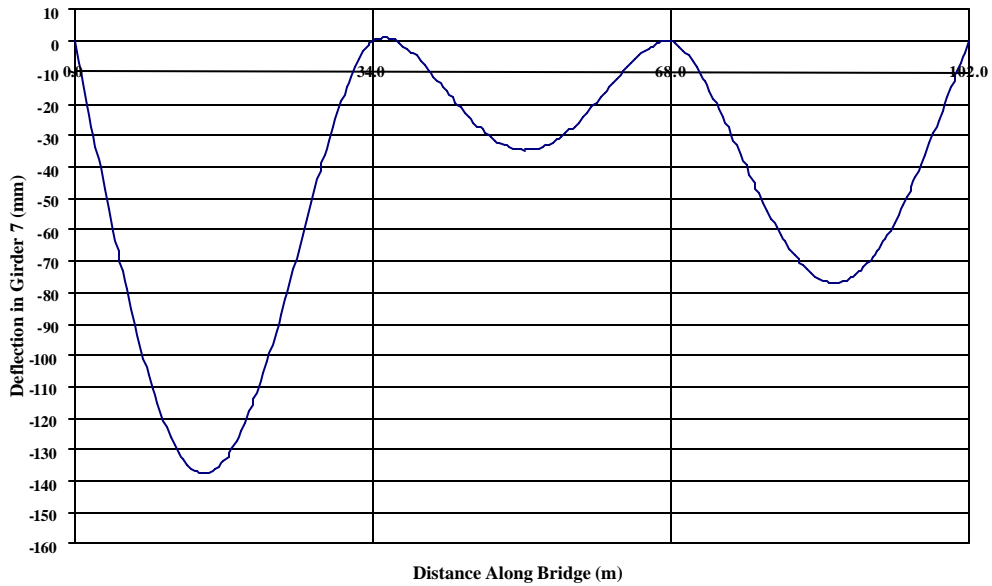


Figure 169

**Type II Girder - 20° Bridge Skew - Girder Spacing 1.52 m - Span Length 34.0 m
- No Diaphragm Skew - Strength I Maximum Loading Condition**

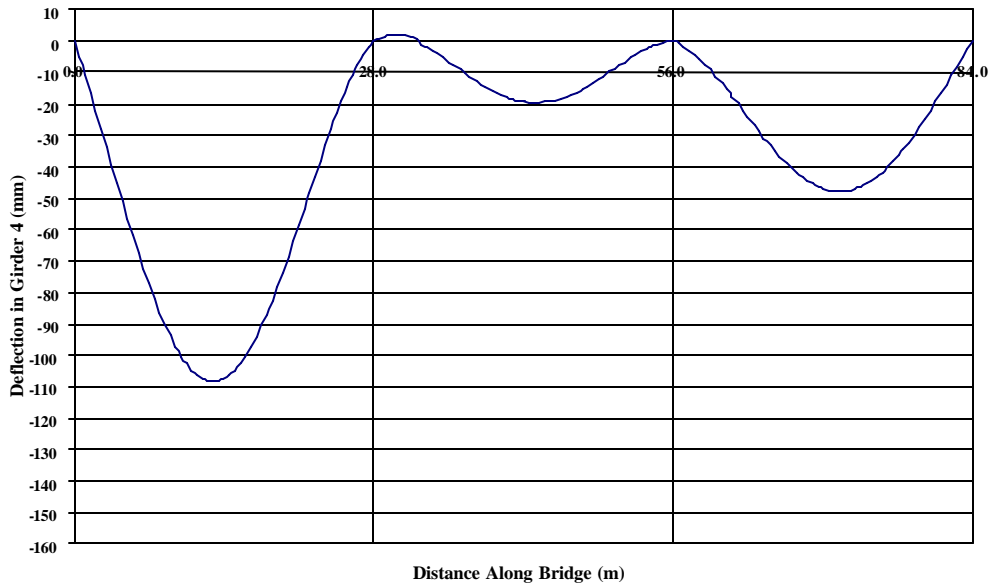


Figure 170

**Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
- 30° Diaphragm Skew - Strength I Maximum Loading Condition**

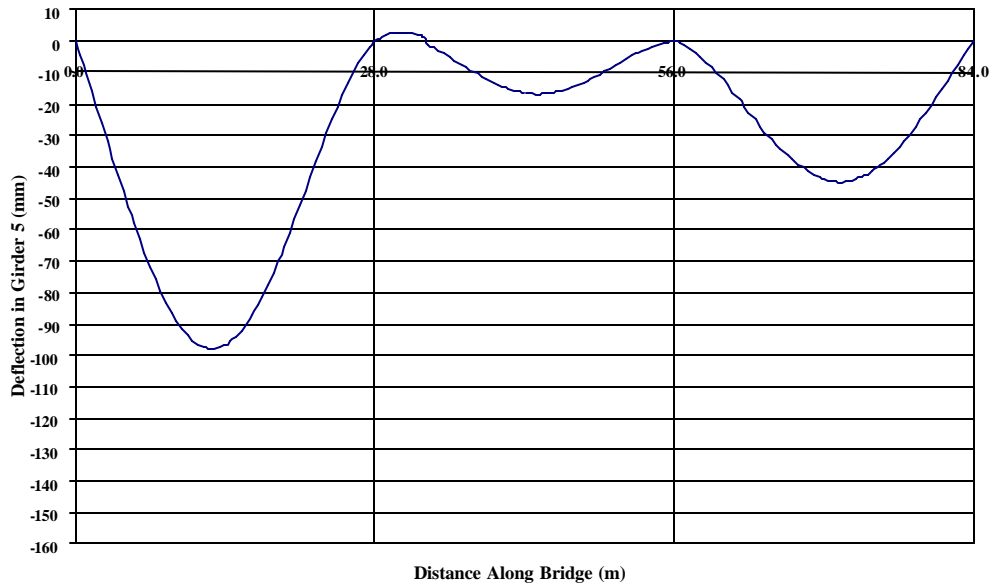


Figure 171

Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m 30° Diaphragm Skew - Strength I Maximum Loading Condition

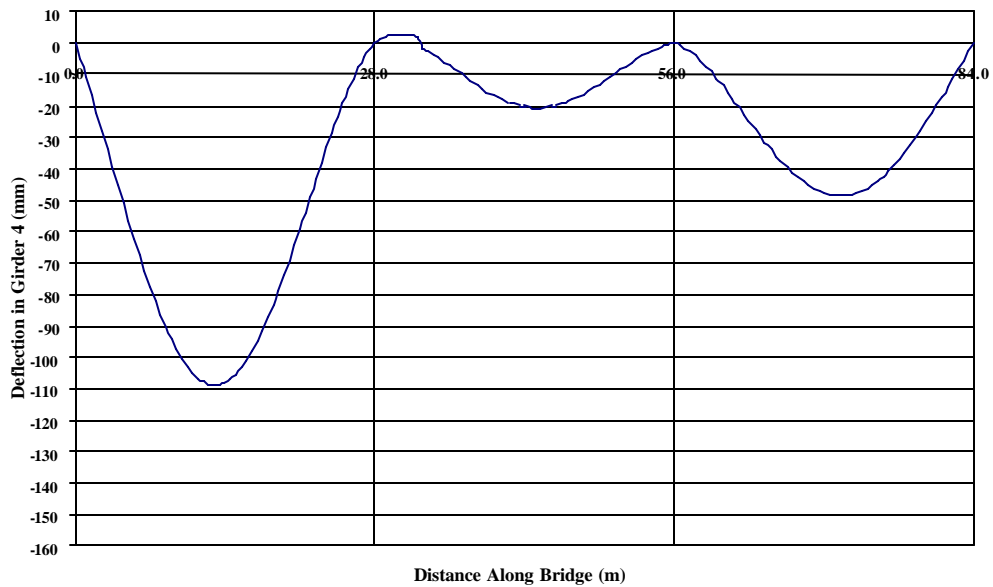


Figure 172

Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m - 65° Diaphragm Skew - Strength I Maximum Loading Condition

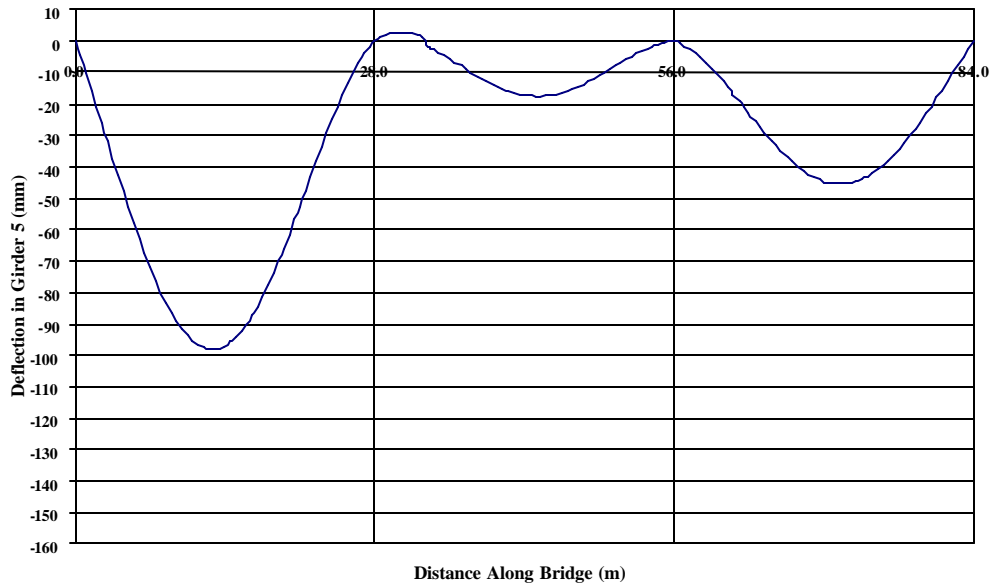


Figure 173

**Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
 - 65° Diaphragm Skew - Strength I Maximum Loading Condition**

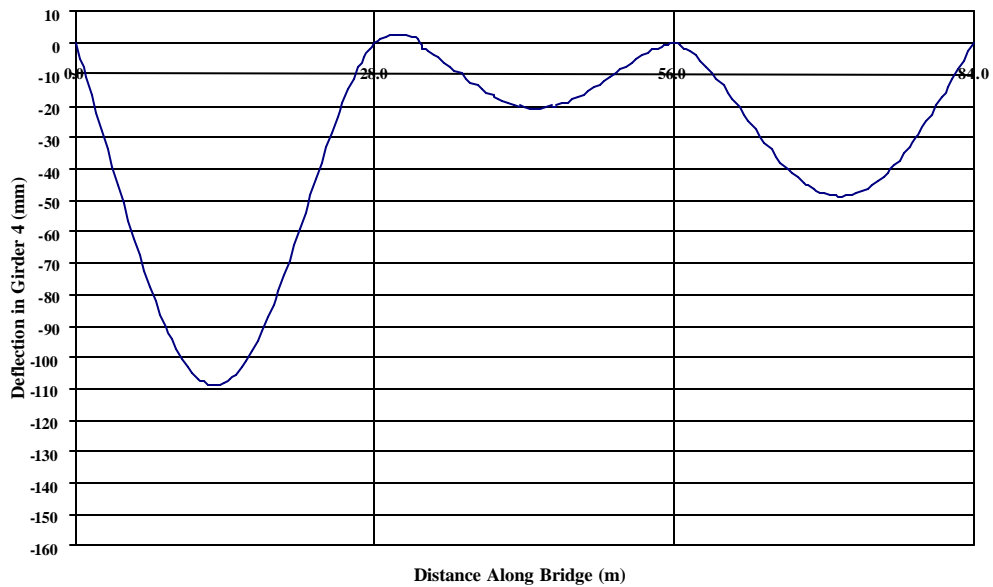


Figure 174

**Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**

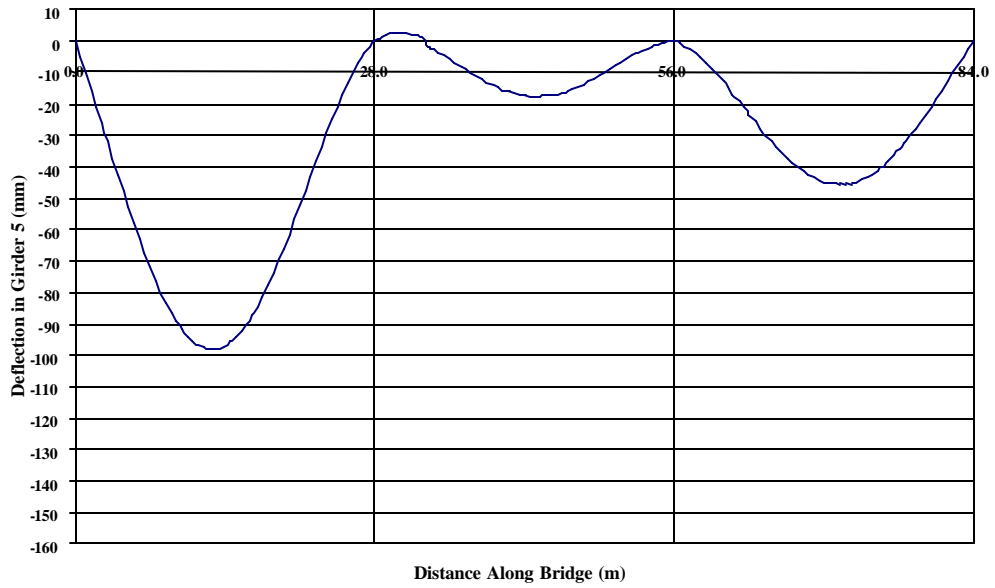


Figure 175

**Type II Girder - 20° Bridge Skew - Girder Spacing 2.75 m - Span Length 28.0 m
 - No Diaphragm Skew - Strength I Maximum Loading Condition**