

STEEL BRIDGE RATING INFORMATION DATA SHEET

Structure Number _____ BIN: _____ Year Built: _____

County/City: _____ Division: _____ Feature Intersected: _____

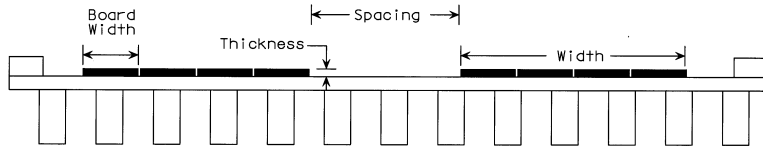
Project Number: _____ Standard Drawing No. (If applicable): _____

Number of Spans: _____ Span Lengths: _____

DECK DETAILS

Deck Material:

Timber: Plank: _____ inches _____ inches Runners: Y N Timber Runners: _____ x _____ inches
Width Thickness Width x Thickness



Board Width: _____ inches

Spacing: _____ inches

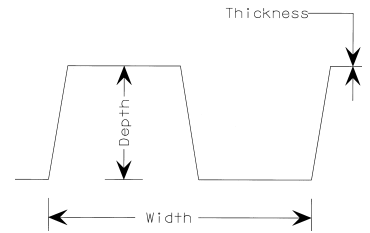
Multiple Layered: Board Size (Bottom Layer): _____ x _____ inches (Top Layer): _____ x _____ inches
Width x Thickness Width x Thickness

Nail Laminated: Board Size: _____ inches _____ inches
Thickness Width

Glue-Lam Panels: _____ inches _____ inches
Width Thickness

Concrete: Deck Thickness: _____ inches

Corrugated Metal Decking: Dimensions: _____ x _____ x _____ inches
Depth Width Thickness



Corrugated Metal Decking

Other _____ inches
Thickness

Overlay Material: None Asphalt: Thickness: _____ inches Crushed Stone: Thickness: _____ inches

Dirt: Thickness: _____ inches Other: _____ Thickness: _____ inches

Curb Material: Timber Concrete None Other (specify): _____

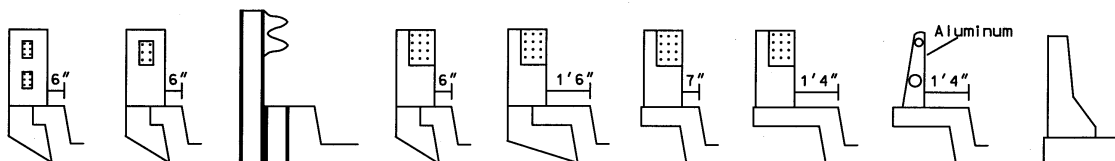
Curb Height: _____ Curb Width Top: _____ Bottom: _____

Guardrail Type: Flexbeam Concrete Roundbar Timber New Jersey Barrier None

Other _____

Post Material: Timber Steel Concrete None Other _____

Common Curb, Post & Rail Configurations: Circle one if applicable or supply sketch if different.

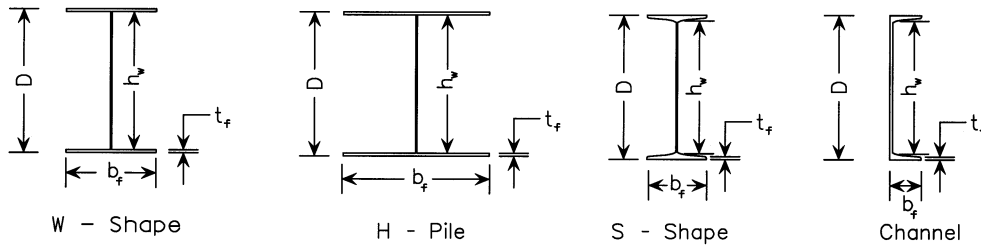


Sketch

***** NOTE: All dimensions shown should be exact. Do not round, approximate or average measurements. Use actual timber dimensions, do not use nominal sizes.**

CROSS SECTION OF STEEL STRINGER / GIRDER STRUCTURES

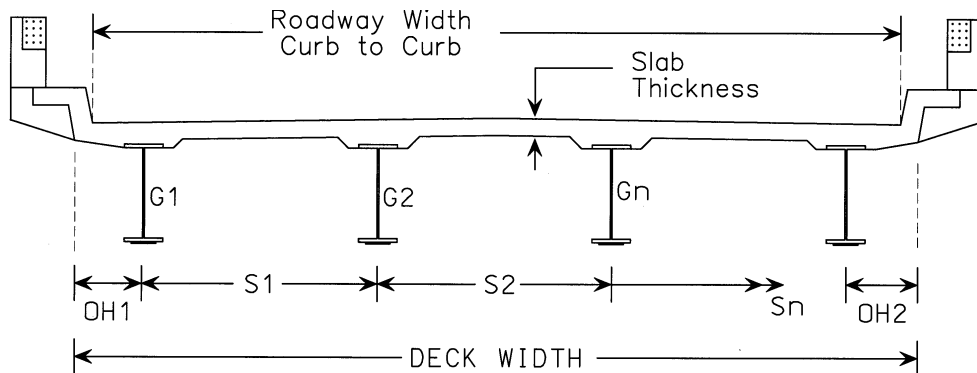
This sheet refers to spans _____



GIRDER SHAPE INDEX

- W = W - Shape (Wide Flange)
- H = H - Pile
- S = S - Shape (Standard or Small Flange)
- C = Channel
- O = Other (Supply sketch with info)

Girder A:	_____ inches	_____ inches	_____ inches	_____ inches
Shape	D (depth)	h_w (web height)	b_f (flange width)	t_f (flange thickness)
Girder B:	_____ inches	_____ inches	_____ inches	_____ inches
Shape	D (depth)	h_w (web height)	b_f (flange width)	t_f (flange thickness)
Girder C:	_____ inches	_____ inches	_____ inches	_____ inches
Shape	D (depth)	h_w (web height)	b_f (flange width)	t_f (flange thickness)
Girder D:	_____ inches	_____ inches	_____ inches	_____ inches
Shape	D (depth)	h_w (web height)	b_f (flange width)	t_f (flange thickness)
Girder E:	_____ inches	_____ inches	_____ inches	_____ inches
Shape	D (depth)	h_w (web height)	b_f (flange width)	t_f (flange thickness)



Roadway Width (Curb-To-Curb): _____

Deck Width: _____

Number of Stringers: _____

Deck Over Hang: OH1 = _____

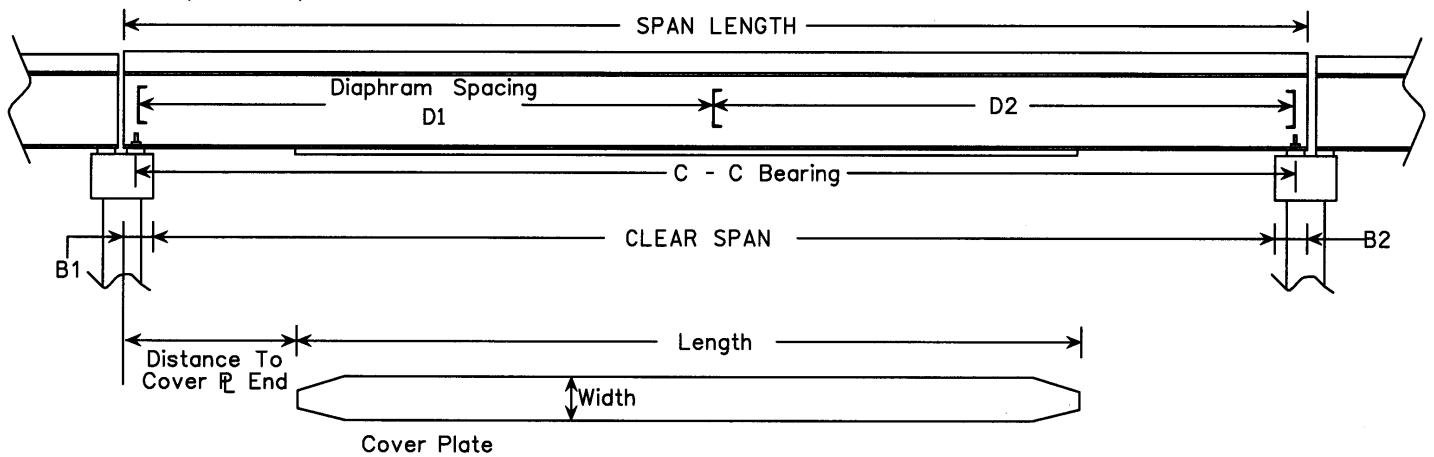
OH2 = _____

GIRDER	SPACING (S_n)	GIRDER	SPACING (S_n)	GIRDER	SPACING (S_n)
G1: _____	_____	G6: _____	_____	G11: _____	_____
G2: _____	_____	G7: _____	_____	G12: _____	_____
G3: _____	_____	G8: _____	_____	G13: _____	_____
G4: _____	_____	G9: _____	_____	G14: _____	_____
G5: _____	_____	G10: _____	_____	G15: _____	_____

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SIMPLE STEEL STRINGER / GIRDER STRUCTURES

Simple Span Definitions



SPAN # 'S': _____ SPAN LENGTH: _____ CLEAR SPAN: _____

C - C BEARING: _____ B1: _____ B2: _____

DIAPHRAMS: Y N D1: _____ D2: _____ D3: _____ D4: _____

COVER PLATES: Y N _____
 WIDTH THICKNESS LENGTH DISTANCE TO COVER PLATE END

SPAN # 'S': _____ SPAN LENGTH: _____ CLEAR SPAN: _____

C - C BEARING: _____ B1: _____ B2: _____

DIAPHRAMS: Y N D1: _____ D2: _____ D3: _____ D4: _____

COVER PLATES: Y N _____
 WIDTH THICKNESS LENGTH DISTANCE TO COVER PLATE END

SPAN # 'S': _____ SPAN LENGTH: _____ CLEAR SPAN: _____

C - C BEARING: _____ B1: _____ B2: _____

DIAPHRAMS: Y N D1: _____ D2: _____ D3: _____ D4: _____

COVER PLATES: Y N _____
 WIDTH THICKNESS LENGTH DISTANCE TO COVER PLATE END

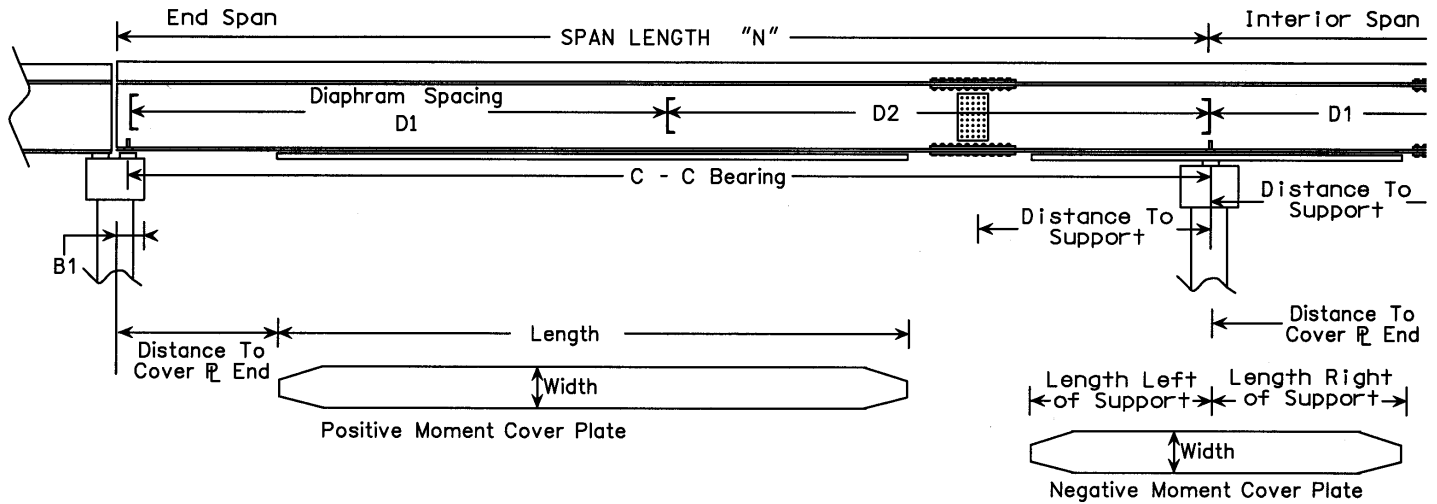
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CONTINUOUS STEEL STRINGER / GIRDER STRUCTURES

Number of Spans in Continuous Unit: _____

Are spans Symmetric about Center Line of Continuous Unit: Y N
 (If the spans are Symmetric, only describe Half of the Continuous Unit)

Continuous Span Definitions



LEFT MOST END SPAN:

Span #: _____ Span Length: _____ C - C Bearing: _____ B1: _____

Diaphragms: Channel (Depth = _____ in) Cross Bracing Other _____ None

D1: _____ D2: _____ D3: _____ D4: _____ D5: _____

Positive Moment Cover Plate: Y N If Yes, Distance To Cover Plate End _____ from Left most Support.

Length: _____ Width: _____ Thickness: _____

Negative Moment Cover Plate: Y N Length Left of Support: _____ Width: _____ Thickness: _____

Is the Girder Spliced: Y N Welded Butt Splice Bolted Splice Riveted Splice Other: _____

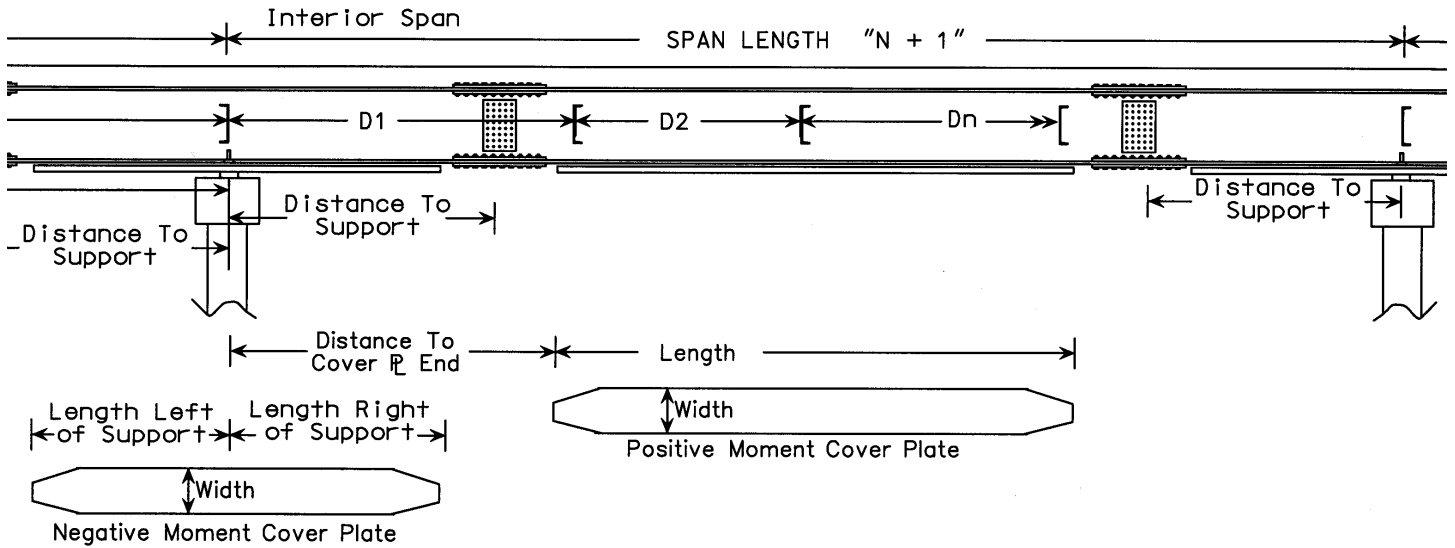
Distance To Right Most Support: _____

Girder Definition to Left of Splice: _____ Girder Definition to Right of Splice: _____ (See Cross Section Sheet)

Describe or Sketch anything unusual about this Span:

*** NOTE: All dimensions shown should be exact. Do not round, approximate or average measurements.

CONTINUOUS STEEL STRINGER / GIRDER STRUCTURES



INTERIOR SPAN:

Span #: _____ Span Length: _____

Diaphragms: Channel (Depth = _____ in) Cross Bracing Other _____ None

D1: _____ D2: _____ D3: _____ D4: _____ D5: _____ D6: _____

Positive Moment Cover Plate: Y N If Yes, Distance To Cover Plate End _____ from Left most Support.

Length: _____ Width: _____ Thickness: _____

Negative Moment Cover Plate: Y N Length Right of Left Support: _____ Width: _____ Thickness: _____

Length Left of Right Support: _____ Width: _____ Thickness: _____

Is the Girder Spliced: Y N Welded Butt Splice Bolted Splice Riveted Splice Other: _____

Number of Splices: _____

1st Splice: Distance To Left Most Support: _____

Girder Definition to Left of Splice: _____ Girder Definition to Right of Splice: _____ (See Cross Section Sheet)

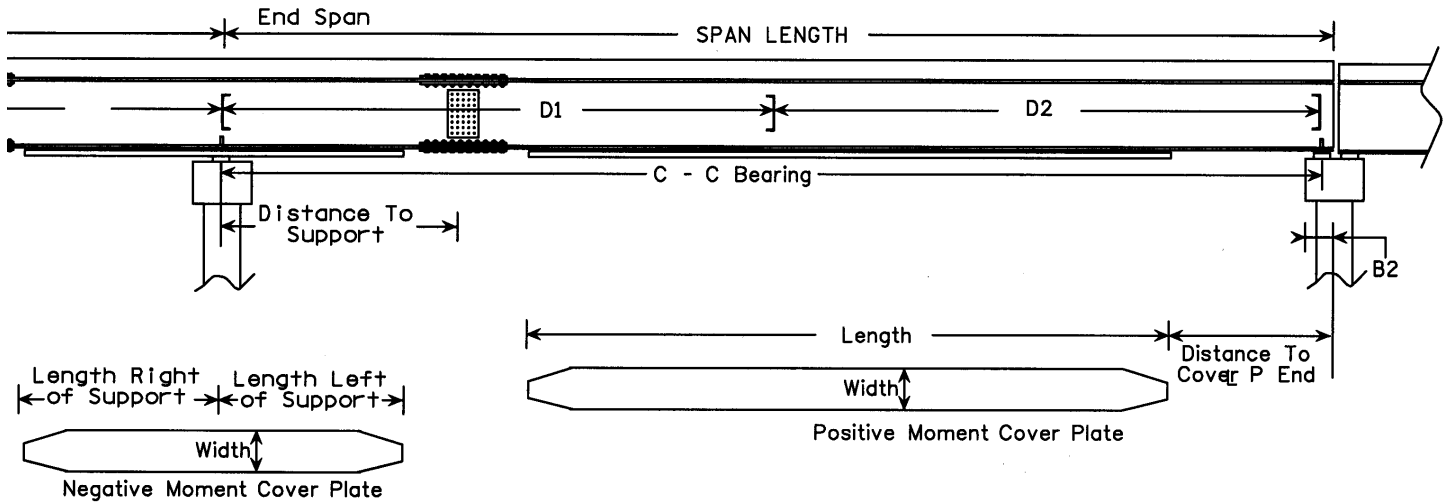
2nd Splice: Distance To Right Most Support: _____

Girder Definition to Left of Splice: _____ Girder Definition to Right of Splice: _____ (See Cross Section Sheet)

Describe or Sketch anything unusual about this Span:

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CONTINUOUS STEEL STRINGER / GIRDER STRUCTURES



RIGHT MOST END SPAN:

Span #: _____ Span Length: _____ C - C Bearing: _____ B2: _____

Diaphragms: Channel (Depth = _____ in) Cross Bracing Other _____ None

D1: _____ D2: _____ D3: _____ D4: _____ D5: _____

Positive Moment Cover Plate: Y N If Yes, Distance To Cover Plate End _____ from Right most Support.

Length: _____ Width: _____ Thickness: _____

Negative Moment Cover Plate: Y N Length Right of Support: _____ Width: _____ Thickness: _____

Is the Girder Spliced: Y N Welded Butt Splice Bolted Splice Riveted Splice Other: _____

Distance To Left Most Support: _____

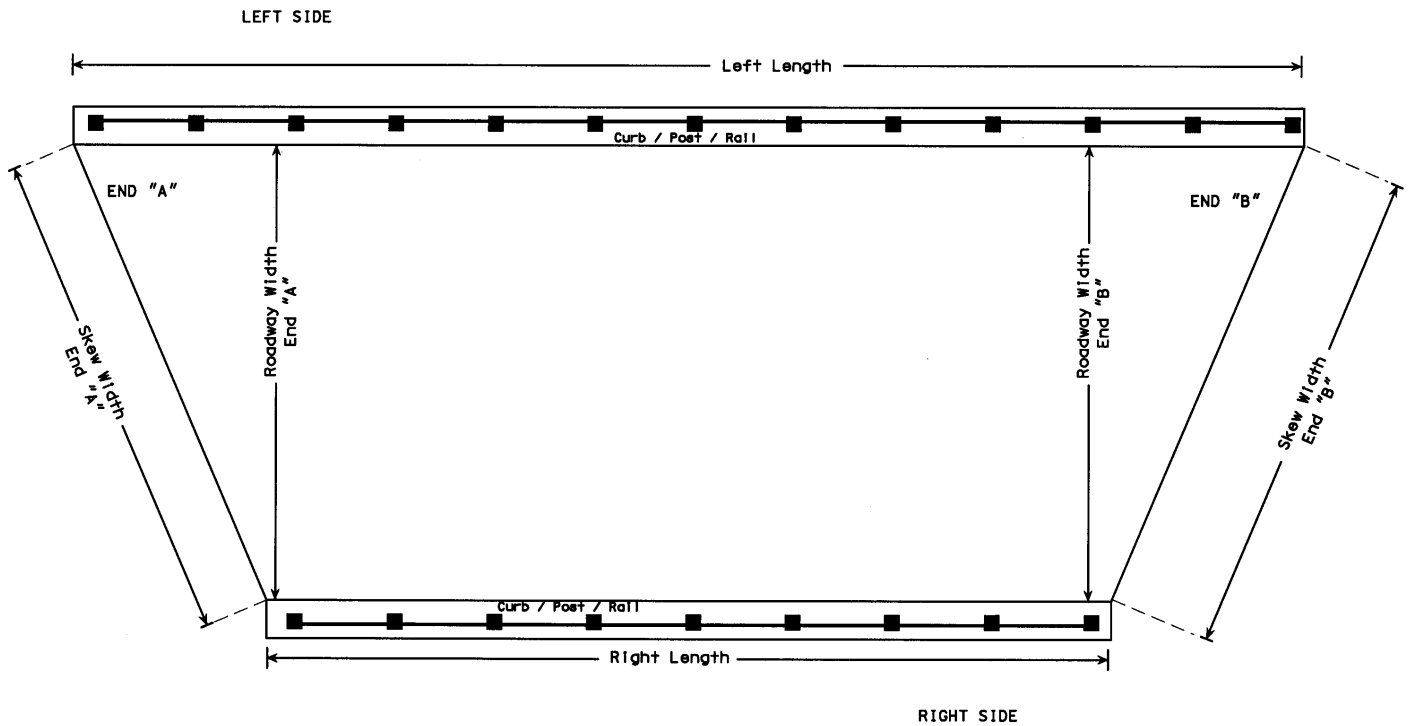
Girder Definition to Left of Splice: _____ Girder Definition to Right of Splice: _____ (See Cross Section Sheet)

Describe or Sketch anything unusual about this Span:

***** NOTE: All dimensions shown should be exact. Do not round, approximate or average measurements.**

SKEWED, CURVED AND FLARED SPANS

Deck Geometry: Are the Bridge Spans Skewed: Y N Curved: Y N Flared: Y N



Span: _____	Roadway Width: _____	End "A"	End "B"	Skew Width: _____	End "A"	End "B"	Length: _____	Left Side	Right Side
Span: _____	Roadway Width: _____	End "A"	End "B"	Skew Width: _____	End "A"	End "B"	Length: _____	Left Side	Right Side
Span: _____	Roadway Width: _____	End "A"	End "B"	Skew Width: _____	End "A"	End "B"	Length: _____	Left Side	Right Side
Span: _____	Roadway Width: _____	End "A"	End "B"	Skew Width: _____	End "A"	End "B"	Length: _____	Left Side	Right Side
Span: _____	Roadway Width: _____	End "A"	End "B"	Skew Width: _____	End "A"	End "B"	Length: _____	Left Side	Right Side
Span: _____	Roadway Width: _____	End "A"	End "B"	Skew Width: _____	End "A"	End "B"	Length: _____	Left Side	Right Side
Span: _____	Roadway Width: _____	End "A"	End "B"	Skew Width: _____	End "A"	End "B"	Length: _____	Left Side	Right Side

*** NOTE: All dimensions shown should be exact. Do not round, approximate or average measurements.

Date Submitted: _____

BIN: _____

Sheet _____ of _____

Substructure Material: TIMBER STEEL CONCRETE OTHER (specify): _____

Sketch any loss of section that may affect the safe load capacity of the structure showing location and extent of flaw(s).

Please sketch any unusual characteristic of the structure that may need special consideration.

Some structures have several different types of spans. An overall sketch of the structure is helpful in such a situation. Submit as many forms as necessary to describe the entire structure.