

**GENERAL BRIDGE RATING INFORMATION DATA SHEET**

Structure Number \_\_\_\_\_ BIN: \_\_\_\_\_ Year Built: \_\_\_\_\_

County/City: \_\_\_\_\_ Division: \_\_\_\_\_ Feature Intersected: \_\_\_\_\_

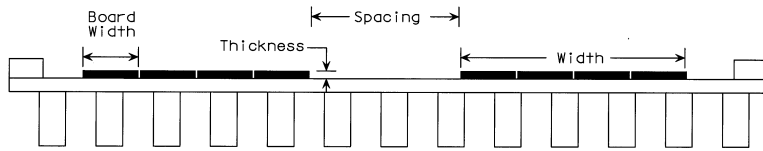
Project Number: \_\_\_\_\_ Standard Drawing No. (If applicable): \_\_\_\_\_

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

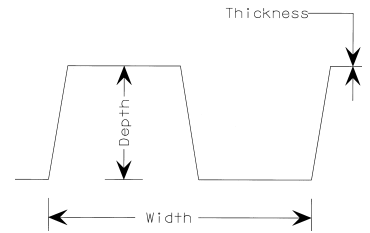
Multiple Layered: Board Size (Bottom Layer): \_\_\_\_\_ x \_\_\_\_\_ inches (Top Layer): \_\_\_\_\_ x \_\_\_\_\_ inches  
Width x Thickness Width x Thickness

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): \_\_\_\_\_

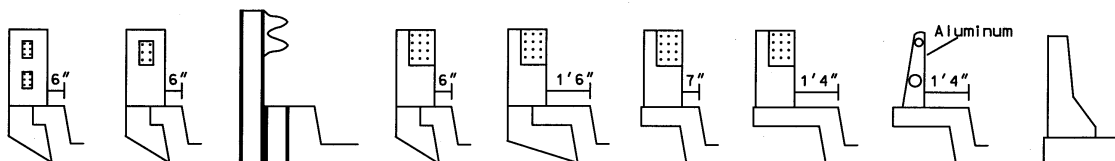
Curb Height: \_\_\_\_\_ Curb Width Top: \_\_\_\_\_ Bottom: \_\_\_\_\_

**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.

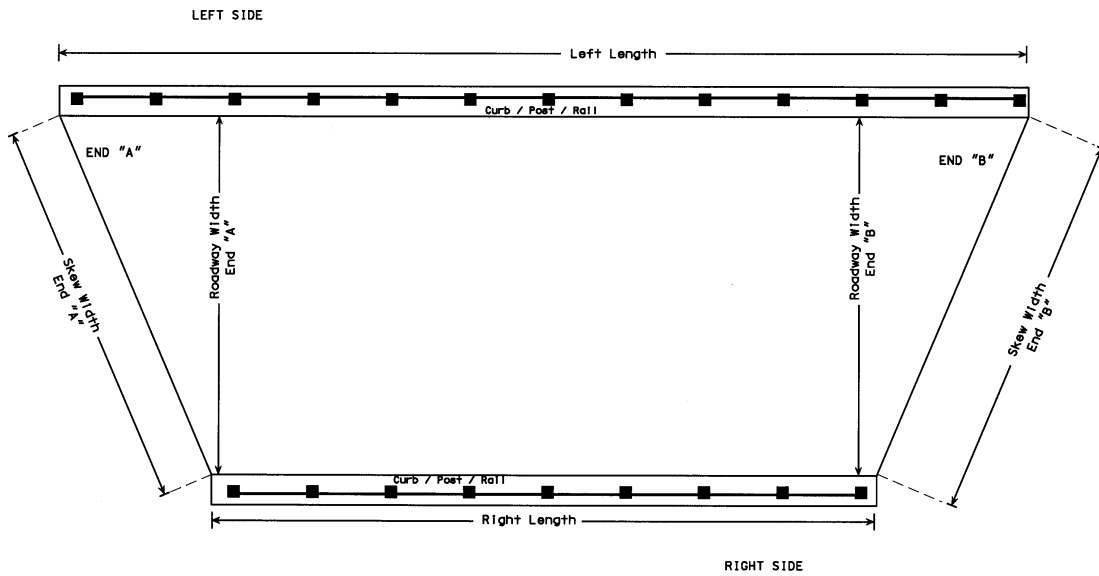


Sketch

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

**GENERAL BRIDGE RATING INFORMATION DATA SHEET**

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



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

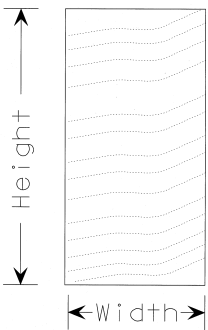
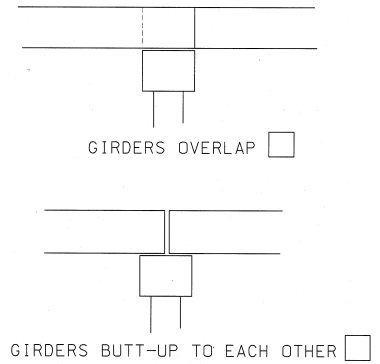
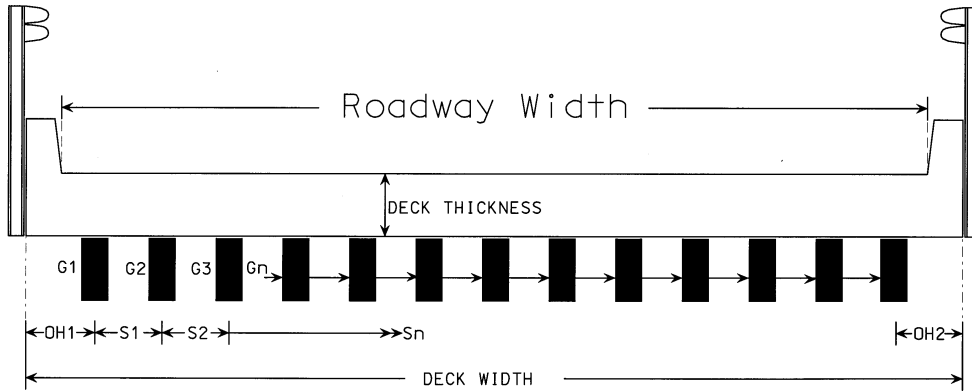
**Check List for Girder Type Data Sheets:**

- |                                    |                                                                                                                                                                                                                                      | <u>Sheet Numbers</u>       |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <input type="checkbox"/> Timber:   | <input type="checkbox"/> Multi Stringer <input type="checkbox"/> Glue - Laminated -----                                                                                                                                              | _____                      |
| <input type="checkbox"/> Steel:    | <input type="checkbox"/> Simple Steel Multi Stringer / Girder -----                                                                                                                                                                  | _____                      |
|                                    | <input type="checkbox"/> Continuous Steel Multi Stringer / Girder -----                                                                                                                                                              | _____                      |
|                                    | <input type="checkbox"/> Truss (Will need plans or standard drawing number to rate) -----                                                                                                                                            | <b>No Sheets Available</b> |
|                                    | <input type="checkbox"/> Plate Girder System (Will need plans or standard drawing number to rate) -----                                                                                                                              | <b>No Sheets Available</b> |
| <input type="checkbox"/> Concrete: | <input type="checkbox"/> Reinforced Concrete Slab (Will need plans or standard drawing number to rate) -----                                                                                                                         | <b>No Sheets Available</b> |
|                                    | <input type="checkbox"/> Simple Span Reinforced Concrete Deck Girder -----                                                                                                                                                           | _____                      |
|                                    | <input type="checkbox"/> Continuous Span Haunched Reinforced Concrete Deck Girder -----                                                                                                                                              | _____                      |
|                                    | <input type="checkbox"/> Precast Channel Spans -----                                                                                                                                                                                 | _____                      |
|                                    | <input type="checkbox"/> Prestressed AASHTO or Bulb - T Girders (Will need plans or standard drawing number to rate) --                                                                                                              | _____                      |
|                                    | <input type="checkbox"/> Simple Spans <input type="checkbox"/> Continuous for Live Load                                                                                                                                              |                            |
|                                    | <input type="checkbox"/> Type I <input type="checkbox"/> Type II <input type="checkbox"/> Type III <input type="checkbox"/> Type IV <input type="checkbox"/> BT-54 <input type="checkbox"/> BT - 63 <input type="checkbox"/> BT - 72 |                            |

Other: \_\_\_\_\_ (Will need Plans to Rate)

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

**TIMBER STRINGER DETAILS**



Roadway Width (Curb-To-Curb): \_\_\_\_\_

Deck Width: \_\_\_\_\_

Number of Stringers: \_\_\_\_\_

Deck Over Hang: OH1 = \_\_\_\_\_ OH2 = \_\_\_\_\_

|     | HEIGHT | WIDTH | SPACING (Sn) |     | HEIGHT | WIDTH | SPACING (Sn) |
|-----|--------|-------|--------------|-----|--------|-------|--------------|
| G1  | _____  | _____ | _____        | G13 | _____  | _____ | _____        |
| G2  | _____  | _____ | _____        | G14 | _____  | _____ | _____        |
| G3  | _____  | _____ | _____        | G15 | _____  | _____ | _____        |
| G4  | _____  | _____ | _____        | G16 | _____  | _____ | _____        |
| G5  | _____  | _____ | _____        | G17 | _____  | _____ | _____        |
| G6  | _____  | _____ | _____        | G18 | _____  | _____ | _____        |
| G7  | _____  | _____ | _____        | G19 | _____  | _____ | _____        |
| G8  | _____  | _____ | _____        | G20 | _____  | _____ | _____        |
| G9  | _____  | _____ | _____        | G21 | _____  | _____ | _____        |
| G10 | _____  | _____ | _____        | G22 | _____  | _____ | _____        |
| G11 | _____  | _____ | _____        | G23 | _____  | _____ | _____        |
| G12 | _____  | _____ | _____        | G24 | _____  | _____ | _____        |

Timber Properties:

Girder Species:  Pine  Oak  Other \_\_\_\_\_

Grade/Combination Symbol: \_\_\_\_\_

Deck Species:  Pine  Oak  Other \_\_\_\_\_

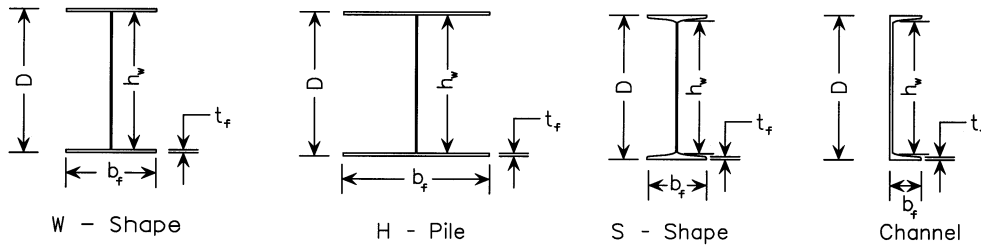
Grade/Combination Symbol: \_\_\_\_\_

**\*\*\* NOTE: All dimensions shown should be exact. Do not round Dimensions or use nominal timber sizes.**



**CROSS SECTIONS OF STEEL STRINGER / GIRDER STRUCTURES**

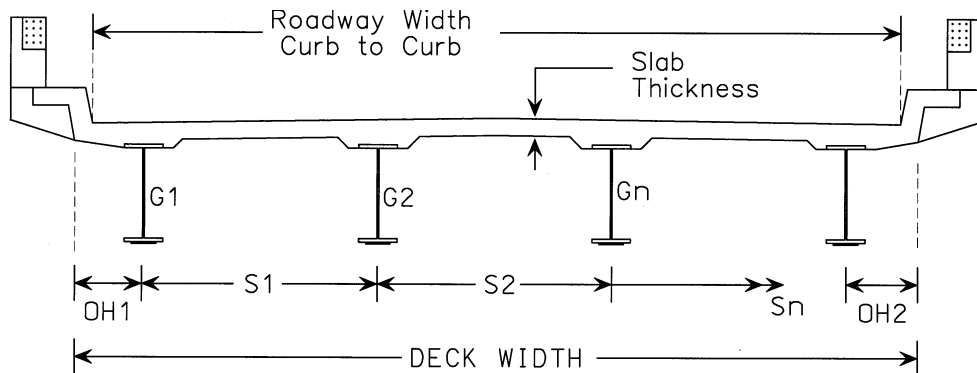
This sheet refers to spans \_\_\_\_\_



**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 <b>A</b> : | _____ Shape | _____ inches D (depth) | _____ inches $h_w$ (web height) | _____ inches $b_f$ (flange width) | _____ inches $t_f$ (flange thickness) |
| Girder <b>B</b> : | _____ Shape | _____ inches D (depth) | _____ inches $h_w$ (web height) | _____ inches $b_f$ (flange width) | _____ inches $t_f$ (flange thickness) |
| Girder <b>C</b> : | _____ Shape | _____ inches D (depth) | _____ inches $h_w$ (web height) | _____ inches $b_f$ (flange width) | _____ inches $t_f$ (flange thickness) |
| Girder <b>D</b> : | _____ Shape | _____ inches D (depth) | _____ inches $h_w$ (web height) | _____ inches $b_f$ (flange width) | _____ inches $t_f$ (flange thickness) |
| Girder <b>E</b> : | _____ Shape | _____ inches D (depth) | _____ inches $h_w$ (web height) | _____ inches $b_f$ (flange width) | _____ inches $t_f$ (flange thickness) |



Roadway Width (Curb-To-Curb): \_\_\_\_\_

Deck Width: \_\_\_\_\_

Number of Stringers: \_\_\_\_\_

Deck Over Hang: OH1 = \_\_\_\_\_

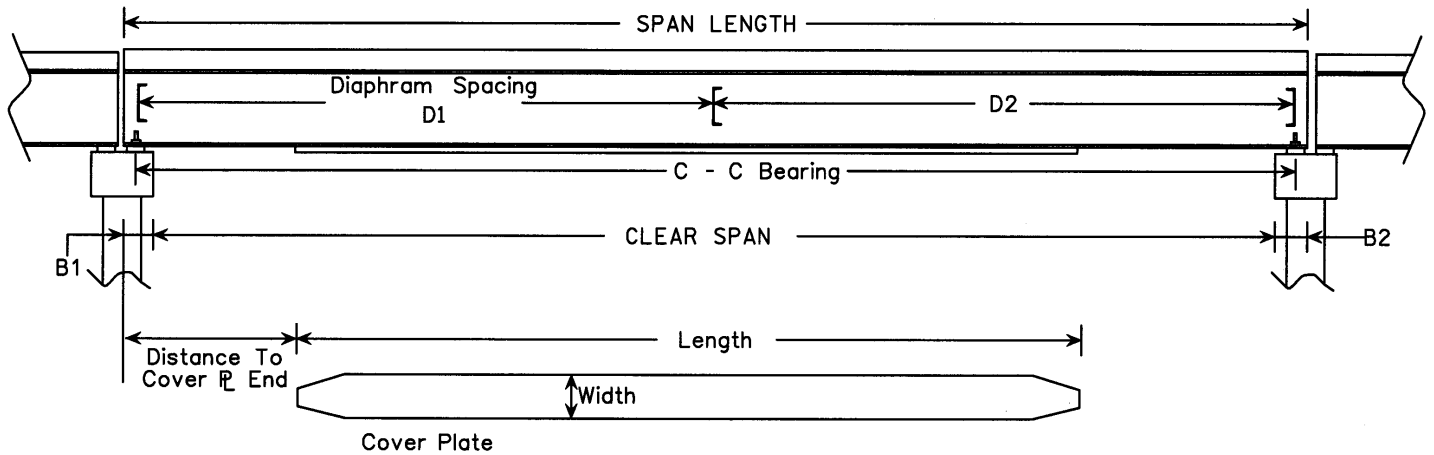
OH2 = \_\_\_\_\_

| 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: _____ | _____             |

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

**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

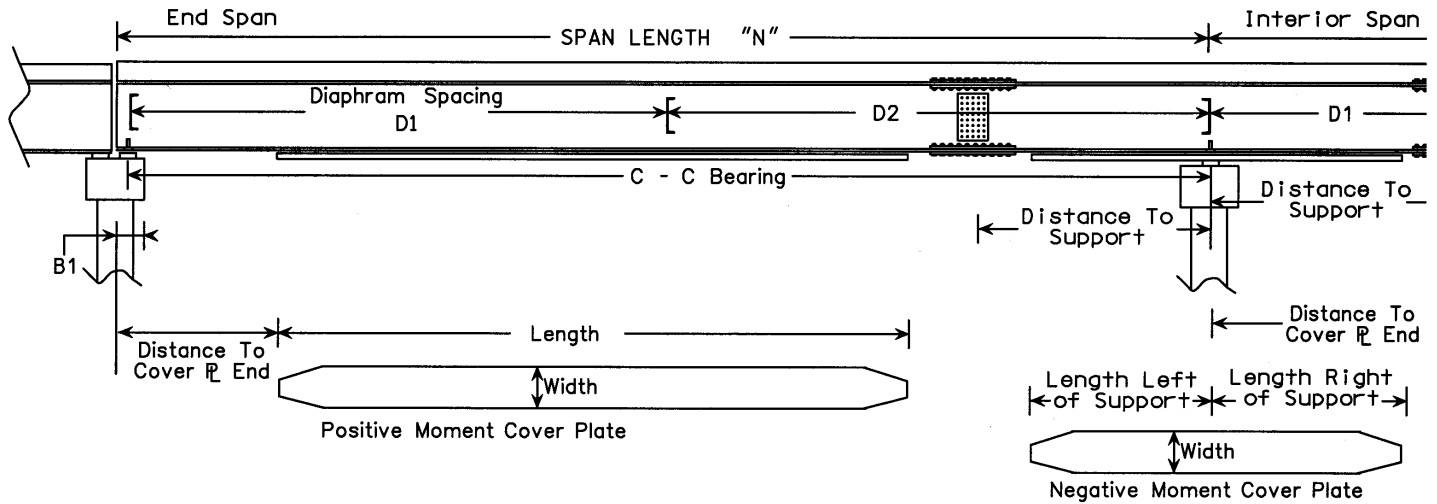
\*\*\* NOTE: All dimensions shown should be exact. Do not round, approximate or average measurements.

**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: \_\_\_\_\_

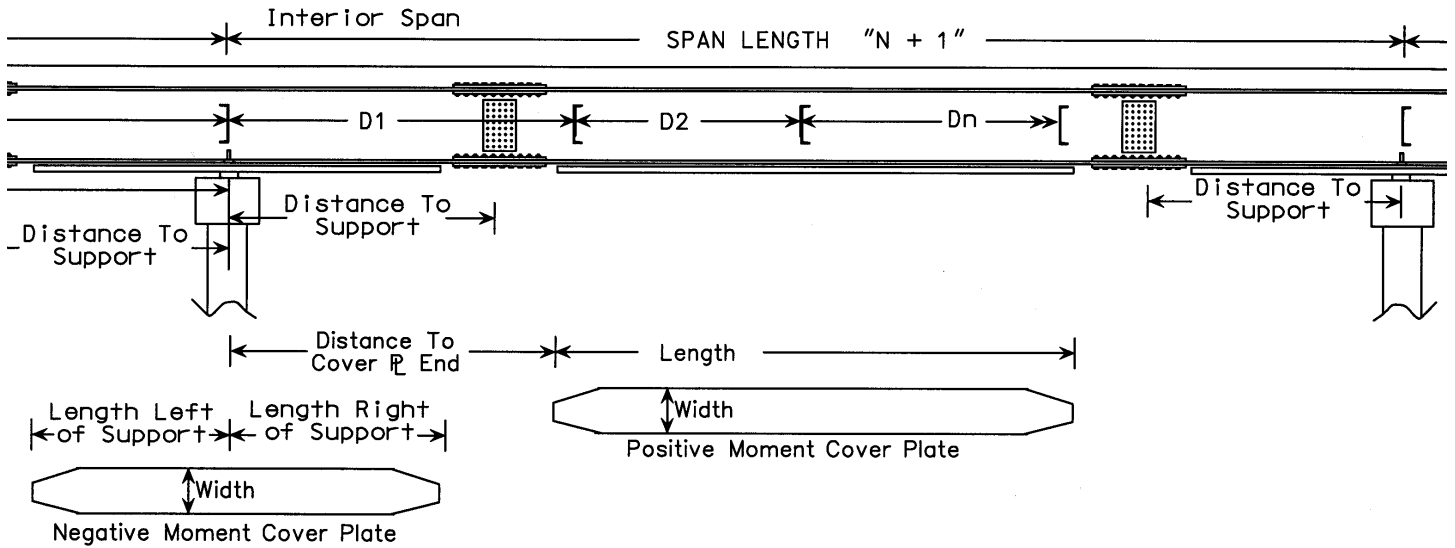
Distance To Right Most Support: \_\_\_\_\_

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: \_\_\_\_\_

1<sup>st</sup> Splice: Distance To Left Most Support: \_\_\_\_\_

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

2<sup>nd</sup> Splice: Distance To Right Most Support: \_\_\_\_\_

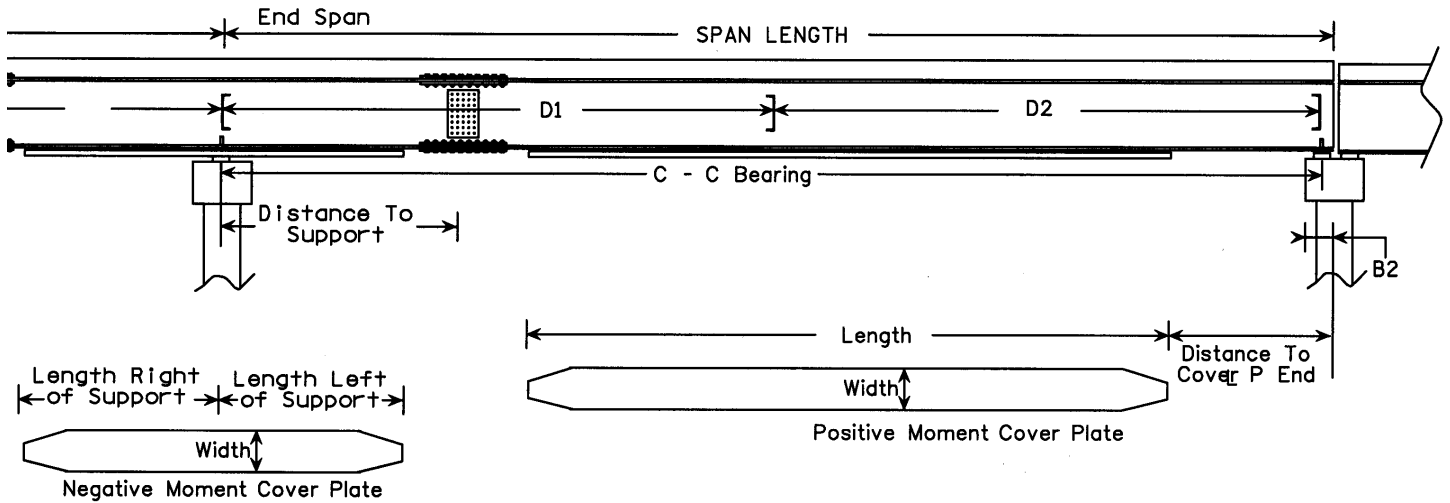
Girder Definition to Left of Splice: \_\_\_\_\_ Girder Definition to Right of Splice: \_\_\_\_\_ (See Cross Section Sheet)

Describe or Sketch anything unusual about this Span:

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



**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)

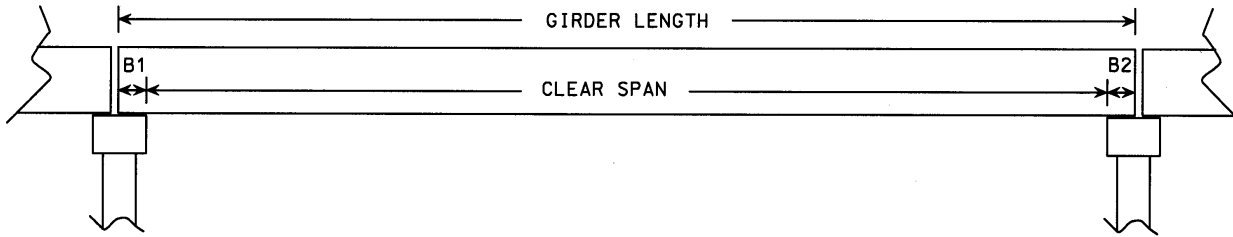
Describe or Sketch anything unusual about this Span:

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

**PRECAST CONCRETE CHANNEL STRUCTURES**

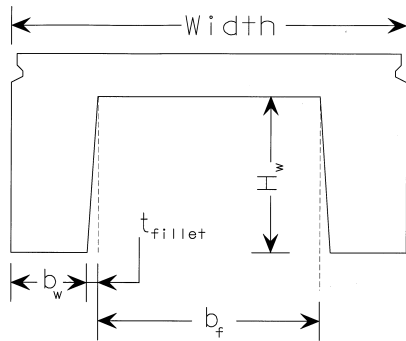
This sheet refers to spans \_\_\_\_\_

**SPAN LENGTH DEFINITIONS**



Girder Length: \_\_\_\_\_ Clear Span: \_\_\_\_\_ B1: \_\_\_\_\_ B2: \_\_\_\_\_ Unit

**Dimensions:**



Unit "A"

Unit "A": Width = \_\_\_\_\_  $b_f$  = \_\_\_\_\_

$b_w$  = \_\_\_\_\_  $H_w$  = \_\_\_\_\_  $t_{fillet}$  = \_\_\_\_\_

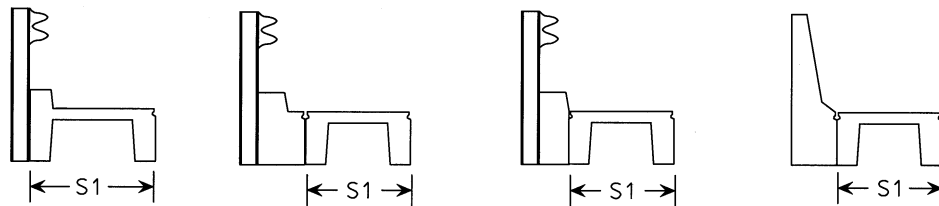
Unit "B": Width = \_\_\_\_\_  $b_f$  = \_\_\_\_\_

$b_w$  = \_\_\_\_\_  $H_w$  = \_\_\_\_\_  $t_{fillet}$  = \_\_\_\_\_

Unit "C": Width = \_\_\_\_\_  $b_f$  = \_\_\_\_\_

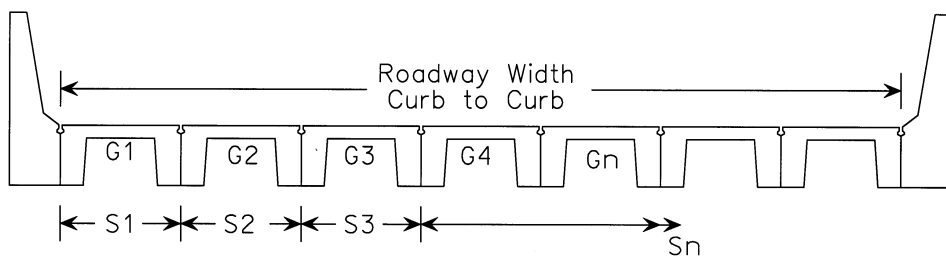
$b_w$  = \_\_\_\_\_  $H_w$  = \_\_\_\_\_  $t_{fillet}$  = \_\_\_\_\_

**Common Curb Unit Configurations:** Circle one that applies or supply Sketch if different



**Cross Section:**

Draw Sketch of Curb Unit



Roadway Width = \_\_\_\_\_  
(Curb to Curb)

G1 : \_\_\_\_\_  
UNIT " " "S1"

G5 : \_\_\_\_\_  
UNIT " " "S5"

G9 : \_\_\_\_\_  
UNIT " " "S9"

G2 : \_\_\_\_\_  
UNIT " " "S2"

G6 : \_\_\_\_\_  
UNIT " " "S6"

G10 : \_\_\_\_\_  
UNIT " " "S10"

G3 : \_\_\_\_\_  
UNIT " " "S3"

G7 : \_\_\_\_\_  
UNIT " " "S7"

G11 : \_\_\_\_\_  
UNIT " " "S11"

G4 : \_\_\_\_\_  
UNIT " " "S4"

G8 : \_\_\_\_\_  
UNIT " " "S8"

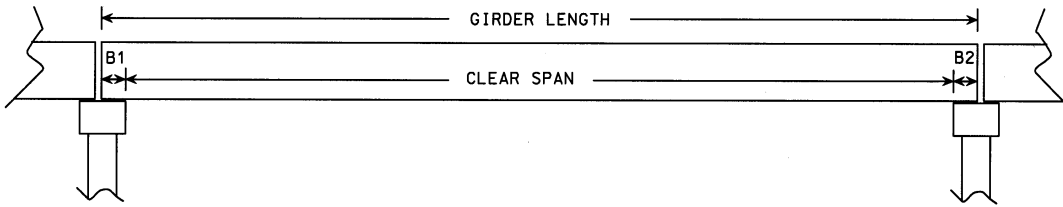
G12 : \_\_\_\_\_  
UNIT " " "S12"

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

**SIMPLE SPAN REINFORCED CONCRETE DECK GIRDER STRUCTURES**

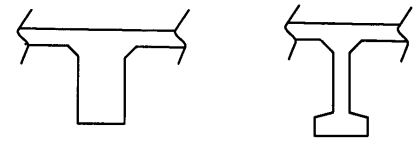
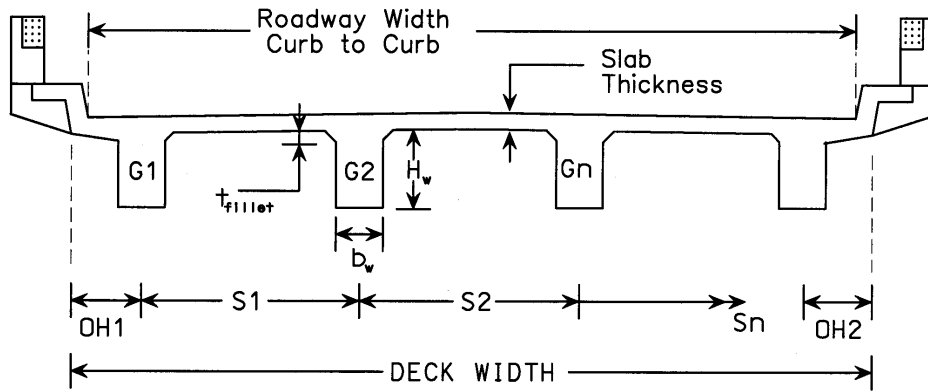
This sheet refers to spans \_\_\_\_\_

SPAN LENGTH DEFINITIONS



Girder Length: \_\_\_\_\_ Clear Span: \_\_\_\_\_ B1: \_\_\_\_\_ B2: \_\_\_\_\_

**Cross Section:**



CIRCLE THE GIRDER SHAPE

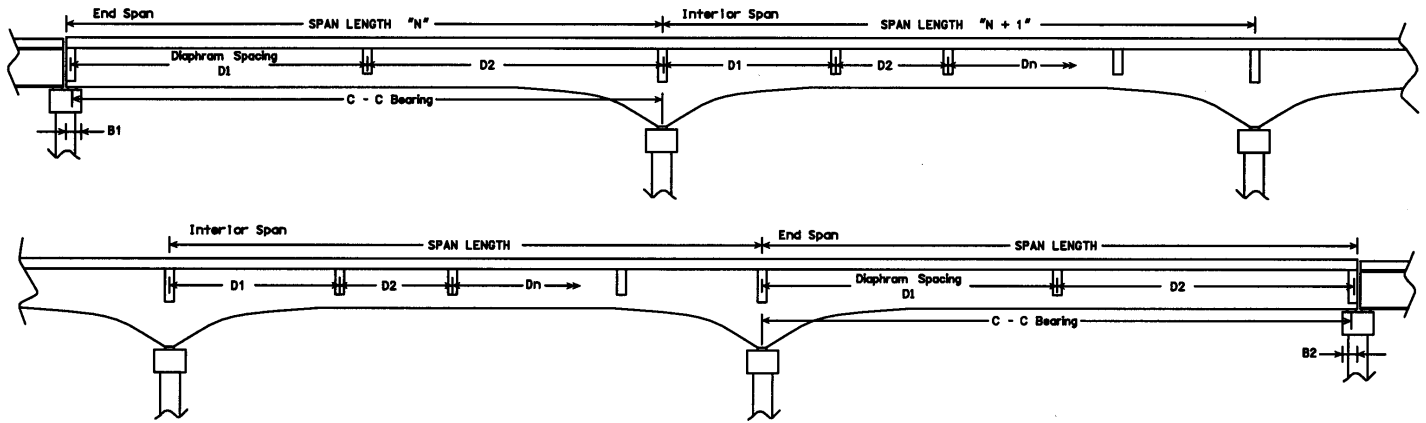
Roadway Width = \_\_\_\_\_ Deck Width = \_\_\_\_\_ OH1 = \_\_\_\_\_ OH2 = \_\_\_\_\_  
(Curb to Curb)

- |      |               |               |                      |             |
|------|---------------|---------------|----------------------|-------------|
| G1:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S1 = _____  |
| G2:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S2 = _____  |
| G3:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S3 = _____  |
| G4:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S4 = _____  |
| G5:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S5 = _____  |
| G6:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S6 = _____  |
| G7:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S7 = _____  |
| G8:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S8 = _____  |
| G9:  | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S9 = _____  |
| G10: | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S10 = _____ |
| G11: | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S11 = _____ |
| G12: | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ | S12 = _____ |
| G13: | $b_w =$ _____ | $H_w =$ _____ | $t_{fillet} =$ _____ |             |

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

**CONTINUOUS SPAN REINFORCED CONCRETE DECK GIRDER STRUCTURES**

This sheet refers to spans \_\_\_\_\_  
 Continuous Span Definitions



First Span: Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_ C - C Bearing: \_\_\_\_\_ B1: \_\_\_\_\_

Diaphragm Spacing: D1: \_\_\_\_\_ D2: \_\_\_\_\_ D3: \_\_\_\_\_ D4: \_\_\_\_\_ D5: \_\_\_\_\_

Interior Spans: Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_

Diaphragm Spacing: D1: \_\_\_\_\_ D2: \_\_\_\_\_ D3: \_\_\_\_\_ D4: \_\_\_\_\_ D5: \_\_\_\_\_

Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_

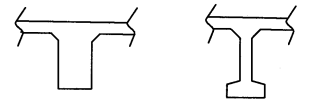
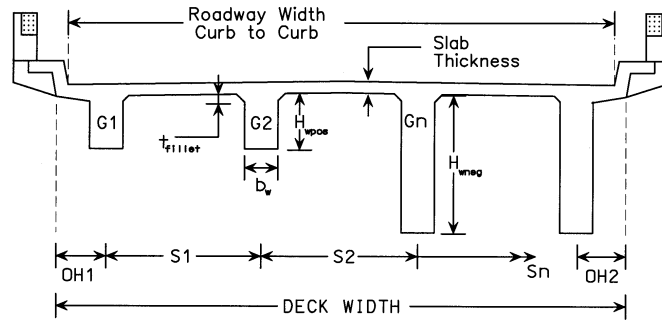
Diaphragm Spacing: D1: \_\_\_\_\_ D2: \_\_\_\_\_ D3: \_\_\_\_\_ D4: \_\_\_\_\_ D5: \_\_\_\_\_

Last Span: Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_ C - C Bearing: \_\_\_\_\_ B2: \_\_\_\_\_

Diaphragm Spacing: D1: \_\_\_\_\_ D2: \_\_\_\_\_ D3: \_\_\_\_\_ D4: \_\_\_\_\_ D5: \_\_\_\_\_

**Cross Section:**

Roadway Width = \_\_\_\_\_  
 (Curb to Curb)  
 Deck Width = \_\_\_\_\_  
 OH1 = \_\_\_\_\_  
 OH2 = \_\_\_\_\_



CIRCLE THE GIRDER SHAPE

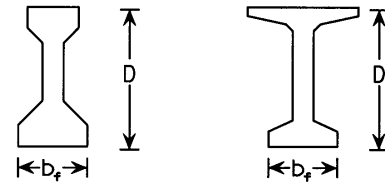
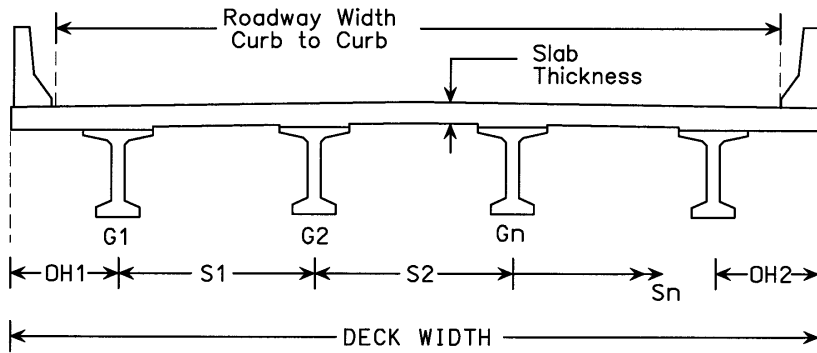
- G1 :  $b_w =$  \_\_\_\_\_  $H_{wpos} =$  \_\_\_\_\_  $H_{wneg} =$  \_\_\_\_\_  $t_{fillet} =$  \_\_\_\_\_  $S1 =$  \_\_\_\_\_
- G2 :  $b_w =$  \_\_\_\_\_  $H_{wpos} =$  \_\_\_\_\_  $H_{wneg} =$  \_\_\_\_\_  $t_{fillet} =$  \_\_\_\_\_  $S2 =$  \_\_\_\_\_
- G3 :  $b_w =$  \_\_\_\_\_  $H_{wpos} =$  \_\_\_\_\_  $H_{wneg} =$  \_\_\_\_\_  $t_{fillet} =$  \_\_\_\_\_  $S3 =$  \_\_\_\_\_
- G4 :  $b_w =$  \_\_\_\_\_  $H_{wpos} =$  \_\_\_\_\_  $H_{wneg} =$  \_\_\_\_\_  $t_{fillet} =$  \_\_\_\_\_  $S4 =$  \_\_\_\_\_
- G5 :  $b_w =$  \_\_\_\_\_  $H_{wpos} =$  \_\_\_\_\_  $H_{wneg} =$  \_\_\_\_\_  $t_{fillet} =$  \_\_\_\_\_  $S5 =$  \_\_\_\_\_
- G6 :  $b_w =$  \_\_\_\_\_  $H_{wpos} =$  \_\_\_\_\_  $H_{wneg} =$  \_\_\_\_\_  $t_{fillet} =$  \_\_\_\_\_  $S6 =$  \_\_\_\_\_
- G7 :  $b_w =$  \_\_\_\_\_  $H_{wpos} =$  \_\_\_\_\_  $H_{wneg} =$  \_\_\_\_\_  $t_{fillet} =$  \_\_\_\_\_  $S7 =$  \_\_\_\_\_
- G8 :  $b_w =$  \_\_\_\_\_  $H_{wpos} =$  \_\_\_\_\_  $H_{wneg} =$  \_\_\_\_\_  $t_{fillet} =$  \_\_\_\_\_

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

**PRESTRESSED CONCRETE GIRDER STRUCTURES**

This sheet refers to spans \_\_\_\_\_

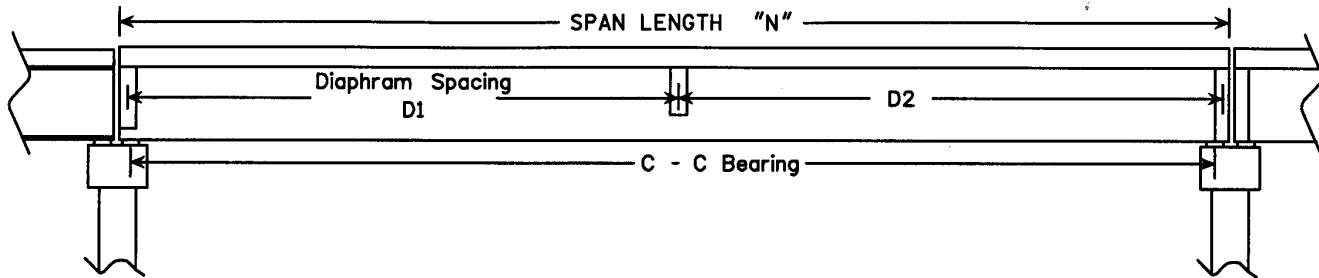
**Cross Section:**



CIRCLE THE GIRDER SHAPE

Roadway Width = \_\_\_\_\_ Deck Width = \_\_\_\_\_ OH1 = \_\_\_\_\_ OH2 = \_\_\_\_\_  
(Curb to Curb)

Number of Girders = \_\_\_\_\_ Girder Spacing = \_\_\_\_\_ D = \_\_\_\_\_ inches  $b_f$  = \_\_\_\_\_ inches



Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_ C - C Bearing: \_\_\_\_\_ Is this span  Simple  Live Load Continuous

Diaphragm Spacing: D1 = \_\_\_\_\_ D2 = \_\_\_\_\_ D3 = \_\_\_\_\_ D4 = \_\_\_\_\_ D5 = \_\_\_\_\_

Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_ C - C Bearing: \_\_\_\_\_ Is this span  Simple  Live Load Continuous

Diaphragm Spacing: D1 = \_\_\_\_\_ D2 = \_\_\_\_\_ D3 = \_\_\_\_\_ D4 = \_\_\_\_\_ D5 = \_\_\_\_\_

Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_ C - C Bearing: \_\_\_\_\_ Is this span  Simple  Live Load Continuous

Diaphragm Spacing: D1 = \_\_\_\_\_ D2 = \_\_\_\_\_ D3 = \_\_\_\_\_ D4 = \_\_\_\_\_ D5 = \_\_\_\_\_

Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_ C - C Bearing: \_\_\_\_\_ Is this span  Simple  Live Load Continuous

Diaphragm Spacing: D1 = \_\_\_\_\_ D2 = \_\_\_\_\_ D3 = \_\_\_\_\_ D4 = \_\_\_\_\_ D5 = \_\_\_\_\_

Span #: \_\_\_\_\_ Span Length: \_\_\_\_\_ C - C Bearing: \_\_\_\_\_ Is this span  Simple  Live Load Continuous

Diaphragm Spacing: D1 = \_\_\_\_\_ D2 = \_\_\_\_\_ D3 = \_\_\_\_\_ D4 = \_\_\_\_\_ D5 = \_\_\_\_\_

**\*\*\* 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.