

DECKING							
SPAN	TYPE	ET	AT	CT	TT	MAT'L	COND
<u>1</u>	<u>9</u>	<u>      </u>	<u>1"</u>	<u>4"</u>	<u>      </u>	<u>2</u>	<u>5</u>
<u>2</u>	<u>9</u>	<u>      </u>	<u>1"</u>	<u>4"</u>	<u>      </u>	<u>2</u>	<u>5</u>
<u>3</u>	<u>9</u>	<u>      </u>	<u>1"</u>	<u>4"</u>	<u>      </u>	<u>2</u>	<u>5</u>

## FORM IV

### STRINGERS OR GIRDERS

SPAN	SHAPE	MAT'L	SW	SD	FT	H	J	K	S	COND.
<u>1</u>	<u>10</u>	<u>2</u>	<u>See sketch</u>		<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>15.0'</u>	<u>5</u>
<u>2</u>	<u>10</u>	<u>2</u>	<u>See sketch</u>		<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>15.0'</u>	<u>5</u>
<u>3</u>	<u>10</u>	<u>2</u>	<u>See sketch</u>		<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>15.0'</u>	<u>5</u>

### SUBSTRUCTURE / CAPS

BENT	MAT'L	TYPE	BW	X	BD	COND
<u>1</u>	<u>2</u>	<u>2</u>	<u>18"</u>		<u>18"</u>	<u>5</u>
<u>2</u>	<u>2</u>	<u>3</u>	<u>18"</u>		<u>18"</u>	<u>5</u>
<u>3</u>	<u>2</u>	<u>3</u>	<u>18"</u>		<u>18"</u>	<u>5</u>
<u>4</u>	<u>2</u>	<u>2</u>	<u>18"</u>		<u>18"</u>	<u>5</u>

DIAPHRAGM				
SHAPE	DW	DD	DS	COND
	<u>None</u>			

RAILING			
SPAN NO	MAT'L	SHAPE	COND.
<u>1</u>	<u>3</u>	<u>8</u>	<u>7</u>
<u>2</u>	<u>3</u>	<u>8</u>	<u>7</u>
<u>3</u>	<u>3</u>	<u>8</u>	<u>7</u>

### SUBSTRUCTURE / PILES

BENT	MAT'L	SHAPE	CR	P	Q	R	COND.
<u>1</u>							
<u>2</u>	<u>1</u>	<u>6</u>	<u>38"</u>	<u>4</u>	<u>5.90'</u>	<u>23.6'</u>	<u>5</u>
<u>3</u>	<u>1</u>	<u>6</u>	<u>38"</u>	<u>4</u>	<u>5.93'</u>	<u>23.7'</u>	<u>5</u>
<u>4</u>							

### TYPES

1. TIMBER GIRDER & PLANK DECK
2. TIMBER GIRDER & LAMIN. DECK
3. TIMBER GIRDER & CONC. DECK
4. STEEL GIRDER & PLANK DECK
5. STEEL GIRDER & LAMIN. DECK
6. STEEL GIRDER & CONC. DECK
7. R. C. DECK GIRDER
8. R. C. SLAB
9. Precast conc. channel beam

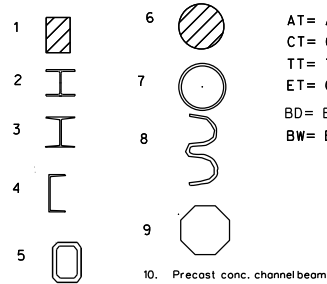
### MATERIALS

1. TIMBER
2. CONCRETE
3. STEEL
4. ALUMINUM

### SUBSTR. TYPE

1. FULL HEIGHT
2. STUB OR OPEN
3. PILE INTER. BT.
4. SINGLE COLUMN
5. TWO COLUMN
6. THREE COLUMN
7. SOLID WALL PIER

### SHAPE CODE



AT= ASPHALT THICKNESS (INCHES)  
 CT= CONCRETE THICKNESS (INCHES)  
 TT= TIMBER THICKNESS (INCHES)  
 ET= GRAVEL OR SOIL DEPTH (INCHES)  
 BD= BENT CAP DEPTH (INCHES)  
 BW= BENT CAP WIDTH (INCHES)

TR= TIMBER RUNNER THICKNESS (INCHES)  
 DW= DIAPHRAGM WIDTH (INCHES)  
 DD= DIAPHRAGM DEPTH (INCHES)  
 DS= DIAPHRAGM SPACING (FEET)  
 CR= COLUMN CIRCUMFERENCE (INCHES)