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|---|---|---|---|--|---|--|--|
| TYPE OF BRIDGE <i>Cont. Steel Beam</i> | | NO. OF SPANS <i>3</i> | | ENCASED OR GUNITED | | DATE BUILT <i>1966</i> | |
| APPROX. SAFE LOAD CAPACITY OF STRUCTURE <i>BARS ('86) 45-20, 150%</i> | | | | OF FLOOR SYSTEM | | | |
| CLEAR SPAN <i>2 @ 33.70'</i> <i>1 @ 48.84'</i> | LENGTH OUT TO OUT OF FLOOR <i>129.05</i> | WIDTH BETWEEN CURBS OR FELLOW GUARDS <i>38'-0"</i> | WIDTH OUT TO OUT OF SUPERSTRUCTURE <i>42'-4"</i> | WIDTH OF SIDEWALKS | HEIGHT OF FLOOR ABOVE BRIDGE SEAT <i>4'-0 3/8"</i> | PROVISION FOR EXPANSION ROLLER NEST ROCKERS SLIDING <i>✓</i> | |
| TYPE AND SIZE OF RAILING OR HUB GUARD <i>DELETED PARAPET TYPE</i> | | | | TYPE AND SIZE OF CURB OR FELLOW GUARD <i>10" high with 2" slope</i> | | | |
| DESCRIPTION OF FLOOR DRAINAGE <i>Bulb & 5x3 1/2 x 13 with 2 scuppers Rt. & 4 Lt.</i> | | | | | | | |
| ALIGNMENT AND SKEW OF STRUCTURE <i>0°22' L.C. 34°-54'-24" L.F.</i> | | APPROACH SLABS <i>AS-1-54</i> | | LENGTH <i>25'</i> | | | |
| STREAM <i>I-77 over SR 313</i> | | Ref Chord | | HEIGHT FROM GRADE TO STREAM BED <i>~</i> | | HEIGHT FROM GRADE TO HIGH WATER <i>~</i> | |
| CHANNEL CHARACTERISTICS BETWEEN BANKS <i>~</i> | | CHANNEL DEPTH <i>~</i> | | NATURE OF BOTTOM <i>SR 313</i> | | | |
| CONDITION OF BANKS <i>~</i> | | | | ALIGNMENT OF STREAM ABOVE AND BELOW STRUCTURE <i>~</i> | | | |
| SKEW OF NORMAL FLOW <i>~</i> | | | | SKEW OF FLOOD FLOW <i>~</i> | | | |

BEAM SPANS

STD. DRAWING NO.

| | |
|--|---|
| LENGTH C. TO C. OF END BEARINGS <i>36.75-52.5-36.75</i> | SHAPE AND SIZE OF INSIDE BEAMS <i>Spans ① & ③ 4-30 WF 99; Span ② 4-30 WF 124</i> |
| LENGTH OVER ALL <i>127.83'</i> | " 2 " " 2 " |
| SPACING OF BEAMS <i>7'7"</i> | |

PLATE GIRDER

STD. DRAWING NO.

| | | |
|---|---|------------|
| LENGTH C. TO C. OF END PINS OR BEARINGS | FLANGE SECTION AT CENTER | TOP BOTTOM |
| LENGTH OVER ALL | SIZE AND SPACING OF RIVETS IN BOTTOM FLANGE AT CENTER | |
| HEIGHT BACK TO BACK OF ANGLES | | |
| WEB THICKNESS | | |

INTERMEDIATE FLOOR BEAMS

END FLOOR BEAMS

| | |
|-----------------|--|
| NO. AND SPACING | |
| SECTION | |
| CONNECTIONS | NO. & SIZE RIVETS F.B. TO CONN. NO. & SIZE RIVETS CONN. TO GIRDER |

FLOOR JOISTS

| KIND | NO. LINES | SIZE | WIDTH OF FLANGE | THICKNESS OF WEB | SPACING |
|----------|----------------|--------------------------------|-----------------|------------------|---------|
| I BEAMS | <i>Interm.</i> | <i>3 L's 3x3x 5/16" welded</i> | | | |
| CHANNELS | <i>End</i> | <i>5 L's 4x4x 5/16" "</i> | | | |
| WOOD | | SIZE, TREATMENT, SPECIES | | | |

| | | | | |
|---------------------------------------|------------------------------------|-------------------------|------------------------|--|
| DO JOISTS REST ON TOP OF FLOOR BEAMS? | HOW FRAMED TO FLOOR BEAMS? | | | |
| ARE SHELF ANGLES USED? | | | | |
| REINFORCED FLOOR CONCRETE SLAB | 8 3/4" (incl. 1" M.W.S.) | INCHES THICK | CONCRETE | INCHES THICK ON CORRUGATED ARCHES OR BUCKLE PLATES |
| WEARING SURFACE | TYPE <i>Micro Silica Mod Conc.</i> | THICKNESS <i>1 3/4"</i> | PLANK | SIZE, TREATMENT, SPECIES |
| STRIP | SIZE, TREATMENT, SPECIES | | HOW FASTENED TO JOISTS | |

SUB-STRUCTURE

STD. DRAWING NO.

| ABUTMENTS AND PIERS | MATERIAL | TYPE | HEIGHT FOOTER TO BRIDGE SEAT | WIDTH OF BRIDGE SEAT | LENGTH OF BRIDGE SEAT | FOUNDATIONS (PILING) | WINGS (LENGTHS, ANGLES ETC.) |
|---------------------|-----------------|-------------------------------------|------------------------------|----------------------|-----------------------|------------------------|--|
| REAR | <i>Concrete</i> | <i>Gravity</i> | <i>Rt. 4.45 Lt. 4.27</i> | <i>2'-0"</i> | <i>48'-6 3/4"</i> | <i>12-12 BP 53 50'</i> | <i>18'-1 1/2" @ 55° 15'; 15'-5 1/2" @ 124° 35'</i> |
| FORWARD | " | " | <i>4.70' 4.44'</i> | " | <i>48'-9 3/4"</i> | " " " | <i>15'-5 1/2" @ 125° 0'; 18'-1 1/2" @ 54° 40'</i> |
| PIER | " | <i>2 unit Pedestal 2 cols. each</i> | <i>17.72' 17.51'</i> | <i>3'-0"</i> | <i>49'-2 1/4"</i> | <i>16 " 40'</i> | |
| PIER | " | " | <i>17.74' 17.50'</i> | " | <i>49'-2 1/4"</i> | " " " | |

3002497
GUE-077R-0143R

| BRIDGE NO. | COUNTY | ROUTE NO. | S. H. NO. | SECTION | STRENGTH | ROADWAY | CLEARANCE | TYPE |
|---------------------|-----------------|-----------|-----------|---------|-----------------------------|----------------------------|------------------------------|------------------------|
| <i>GUE-77-0143R</i> | <i>Guernsey</i> | <i>77</i> | | | H10 H12 H15 H20 <i>X</i> | 15-18 19-22 23 <i>X</i> | 12-12-14 14-OPEN <i>X</i> | A B G S T <i>13</i> |