

4600100 STRUCTURAL STEEL AND MISCELLANEOUS METALS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (5-10-19, Internal)
1. 460-1.1: What is a J-arm?

to, the following:

| | | | | |
|---|---|---|---|--|
| → | → | → | → | 1. Ladders <u>Steel modular joints</u> |
| → | → | → | → | 2. Platforms <u>Load plates</u> |
| → | → | → | → | 3. Bearings <u>Stay in place forms</u> |
| → | → | → | → | 4. Railings <u>Laminated bearing pads</u> |
| → | → | → | → | 5. End Wall Grates <u>Aluminum J-arms</u> |
| → | → | → | → | 6. Roadway Gratings <u>inlets, and frames</u> |
| → | → | → | → | 7. Metal Drainage Components |

Response:

2. 460-1.1: Correct the numbering.

to, the following:

| | | | | |
|---|---|---|---|--|
| → | → | → | → | 1. Ladders <u>Steel modular joints</u> |
| → | → | → | → | 2. Platforms <u>Load plates</u> |
| → | → | → | → | 3. Bearings <u>Stay in place forms</u> |
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| → | → | → | → | 5. End Wall Grates <u>Aluminum J-arms</u> |
| → | → | → | → | 6. Roadway Gratings <u>inlets, and frames</u> |
| → | → | → | → | 7. Metal Drainage Components |
| → | → | → | → | 8. <u>Steel Expansion Joint and Components</u> Steel and aluminum railing |
| → | → | → | → | 9. <u>Forgings and castings to be used in bridge machinery</u> |

Response:

3. Highlighted terminology matches FDM 266.3 and SDG 10.4.B

| Table 460-1 Fabrication Categories | |
|--|--------------------------------|
| Structure Type | Accepted Accreditation Program |
| Simple Bridge Pedestrian bridge (standard design prefabricated steel truss), bridge | AISC Simple Bridge |

Response:

4. Only prefabricated steel truss pedestrian bridges belong in the previous category.

| | |
|---|--|
| grid decking | AISC Advanced Bridge Fracture Critical Endorsement |
| Steel Bridge: Vehicular bridge, Pedestrian bridge (proprietary design all others) | AISC Components Manufacturer or |
| Structural Highway Metal Components, Group I: bridge machinery, bridge bearings, modular joints, load plates, laminated bearing pads, cantilever, truss/span, monotube, gantry, | |

Response:

Ananth Prasad
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Comments: (5-17-19, Internal)

I'm not crazy about adding Stay-in-Place forms to the miscellaneous items list. One, CEI will think that welders must be certified and a weld procedure submitted and two, CEI will want to charge the FDOT for certified inspector for welding observation. Both will add unnecessary costs for work that is only temporary.

Response:

Keith Waugh
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Comments: (5-18-19)

Stay-in-Place forms should not be included in the miscellaneous items list. One, CEI will think that welders must be certified and a weld procedure submitted and two, CEI will want to charge the FDOT for certified inspector for welding observation. Both will add unnecessary costs for work that is only temporary.

Response:

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Comments: (6-13-19)

1. 460-1.1: Add "Bearings" to "Load Plates" so it will read "Bridge Bearings and Load Plates";

Response:

2. 460-1.1: Move "9. Forgings and Castings to be used in bridge machinery" from Miscellaneous components up to #12 of the prior paragraph Main or primary load carrying.

Response:
