**BRIDGE SHEET NO. OF SHEETS**

**SHEET NO.**

**REGION NO.**

**SR JOB NO.**

**TOTAL SHEETS**

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**BEARING RECESS AND BOTTOM FLANGE SPALL PROTECTION DETAIL**

BEARING RECESS FORMS SHALL BE CONSTRUCTED AND FASTENED TO AVOID GIRDER DAMAGE DURING STRAND RELEASE.

REINFORCEMENT NOT SHOWN FOR CLARITY

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**APPLICATION OF ETCH**

- Apply approved retardant for 1/4" etch to side forms or 1/4" roughtened surface treatment by approved mechanical method. Omit at exterior face of exterior orders.

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**BEARING RECESS **

- Extend all strands identified in order schedule parallel to 1/4" diaphragm.

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**DIA PHR AGM**

- Apply approved retardant for 1/4" etch to side forms or 1/4" roughtened surface treatment by approved mechanical method. Omit at exterior face of exterior orders.

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**BLOCKOUT AREA**

- Place holes and inserts parallel to diaphragm centerline. Inserts shall be 1/2" Meadowburke MX-5 Hi-Tensile, 1/2" Meadowburke FX-19 Ferrule Insert, 1/2" x 5 1/2" Williams F22 open Ferrule Insert, 1/2" x 4 1/2" Dayton-Superior F-62 Flared Thin Slab Ferrule Insert or approved equal.

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**APPLICATION OF ETCH**

- Apply approved retardant for 1/4" etch to side forms or 1/4" roughtened surface treatment by approved mechanical method. Omit at exterior face of exterior orders.

---

**BEARING RECESS**

- Blockout web above top of 3" fillet.

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**SAWTEETH DETAIL**

- Sawteeth shall be full width over area shown.

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**JOINT DETAIL**

- Level (after casting deck) = 0".

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**PLAN**

- Sawteeth shall be full width over area shown.

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**ELEVATION**

- Sawteeth shall be full width over area shown.

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**STRUCTURES OFFICE**

- Washington State Department of Transportation

**ND A-W-2**

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**WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**

- Bridge and Structures Office

**BUCKET ORDER (UHPC)**

- Details 3 of 5

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**WFDG UHPC GIRDER DETAILS**

- Plan 3"ø open hole. Adjust hole location vertically to miss harped strands. Omit holes and place inserts on the interior face of exterior orders. Place holes and inserts parallel to diaphragm centerline. Inserts shall be 1/2" Meadowburke MX-5 Hi-Tensile, 1/2" Meadowburke FX-19 Ferrule Insert, 1/2" x 5 1/2" Williams F22 open Ferrule Insert, 1/2" x 4 1/2" Dayton-Superior F-62 Flared Thin Slab Ferrule Insert or approved equal.

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**APPLICATION OF ETCH**

- Apply approved retardant for 1/4" etch to side forms or 1/4" roughtened surface treatment by approved mechanical method. Omit at exterior face of exterior orders.

---

**BEARING RECESS**

- Blockout web above top of 3" fillet.

---

**SAWTEETH DETAIL**

- Sawteeth shall be full width over area shown.

---

**JOINT DETAIL**

- Level (after casting deck) = 0".

---

**PLAN**

- Sawteeth shall be full width over area shown.

---

**ELEVATION**

- Sawteeth shall be full width over area shown.

---

**STRUCTURES OFFICE**

- Washington State Department of Transportation

**BUCKET ORDER (UHPC)**

- Details 3 of 5

---

**WFDG UHPC GIRDER DETAILS**

- Plan 3"ø open hole. Adjust hole location vertically to miss harped strands. Omit holes and place inserts on the interior face of exterior orders. Place holes and inserts parallel to diaphragm centerline. Inserts shall be 1/2" Meadowburke MX-5 Hi-Tensile, 1/2" Meadowburke FX-19 Ferrule Insert, 1/2" x 5 1/2" Williams F22 open Ferrule Insert, 1/2" x 4 1/2" Dayton-Superior F-62 Flared Thin Slab Ferrule Insert or approved equal.