# Section B-B

- **Post & Wall**
- **Bare P9**
- **Noise Wall**
- **Auger Cast Pile**
- **Cover**
- **Bars P3**
- **Bars P9**

**Notes:**
1. For Post and Pile Lengths, see Index No. 5206.
2. For Table of Reinforcing Steel Sizes and OWM A, see Index No. 5206.
3. For Precast Collar Option, see Sheet 2.

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**Section C-C**

- **Post in Augered Hole**
  - Cost-In-Place Collar Shown, Precast Collar Similar
  - Top of Collar per Plan
  - Bottom of Augered Hole per Plan
  - Post Length

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**Section D-D**

- **H Section**
- **Bars A**
- **Bars B**
- **Bars P1 (Staggered)**

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**Section A-A**

- **H Section**
- **Bars A**
- **Bars B**
- **Bars P1 (Staggered)**

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**Section E-E**

- **Modified H Section**
- **Bars A**
- **Bars B**
- **Bars P1 (Staggered)**

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**Section F-F**

- **Typical Post Section**
  - **Post & Wall**
  - **Front Face Post**
  - **Roadway face of wall**
  - **Augered Pile Reinforcement Detail**

- **Augered Pile Reinforcement Detail**
  - **Bars C**
  - **Bare P3**
  - **Noise Wall**

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**Pile/Post Connection Option A**

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NOTES:
1. For Post and Pile Lengths, see Index No. 5206.
2. For Reinforcing Steel Sizes, see Index No. 5206.
3. For Pile/Post Connection Option A, see Sheet No. 1 of 7.

PRECAST COLLAR IN AUGER CAST PILE

PRECAST COLLAR DETAIL

PRECAST COLLAR FOR PILE/POST CONNECTION OPTION A

1. For Post and Pile Lengths, see Index No. 5206.
2. For Reinforcing Steel Sizes, see Index No. 5206.
3. For Pile/Post Connection Option A, see Sheet No. 1 of 7.

PRECAST SOUND BARRIERS - PILE AND POST REINFORCING STEEL

2010 FDOT Design Standards

Sheet No. 2 of 7
**NOTES:**

1. The W12 x 79 load carrying member is coated with concrete for durability, aesthetic reasons and to make the connection to the panels.

2. The steel and concrete post assembly is not a reinforced concrete design.

3. The steel and concrete post assembly shall be cast vertically or cast horizontally according to the casting orientation shown above.

4. All structural steel shall be in accordance with ASTM A36.

5. A precast collar shall not be permitted with this Pile/Post Connection Option.

6. For Pile and Pile Lengths, see Index No. 5206.

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**PILE/POST CONNECTION OPTION C**

**2010 FDOT Design Standards**

**Sheet No. 5205**

**PRECAST SOUND BARRIERS - PILE AND POST REINFORCING STEEL**

Sheet No. 4 of 7
NOTES:
1. The construction of this option utilizes a patented process covered by patents held by State Contracting and Engineering Inc. Any use of this design is subject to the rights of the patent holder (U.S. Patent Nos. 5,234,288 & 5,429,455) and patent royalties or license fees shall be the sole responsibility of the user.
2. For Post and Pile Lengths, see Index No. 5206.
3. For Table of Reinforcing Steel Sizes and Dimensions, see Index No. 5206.
4. For Precast Collar Option, see Sheet No. F of 7.

To use this design contact:
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Hollywood, FL 33020
Phone: (954) 923-4747

Sheet No. 6 of 7

6500 North Andrews Avenue
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Certificate of Authorization No. 1337
KEITH SCHNARS, P.A.
PRECAST COLLAR DETAIL

NOTES:
1. For Post and Pile Lengths, see Index No. 5206.
2. For Reinforcing Steel Sizes, see Index No. 5206.
3. For Pile/Post Connection Option E, see Sheet No. 6 of 7.

PRECAST COLLAR IN AUGER CAST PILE