

## Construction Notes

### GOVERNING SPECIFICATIONS:

The State of Florida Department of Transportation Standard Specifications for Road and Bridge Construction, Dated 2007 and the Supplements and Special Provisions thereto. The 2000 edition applies for Asphaltic Cement.

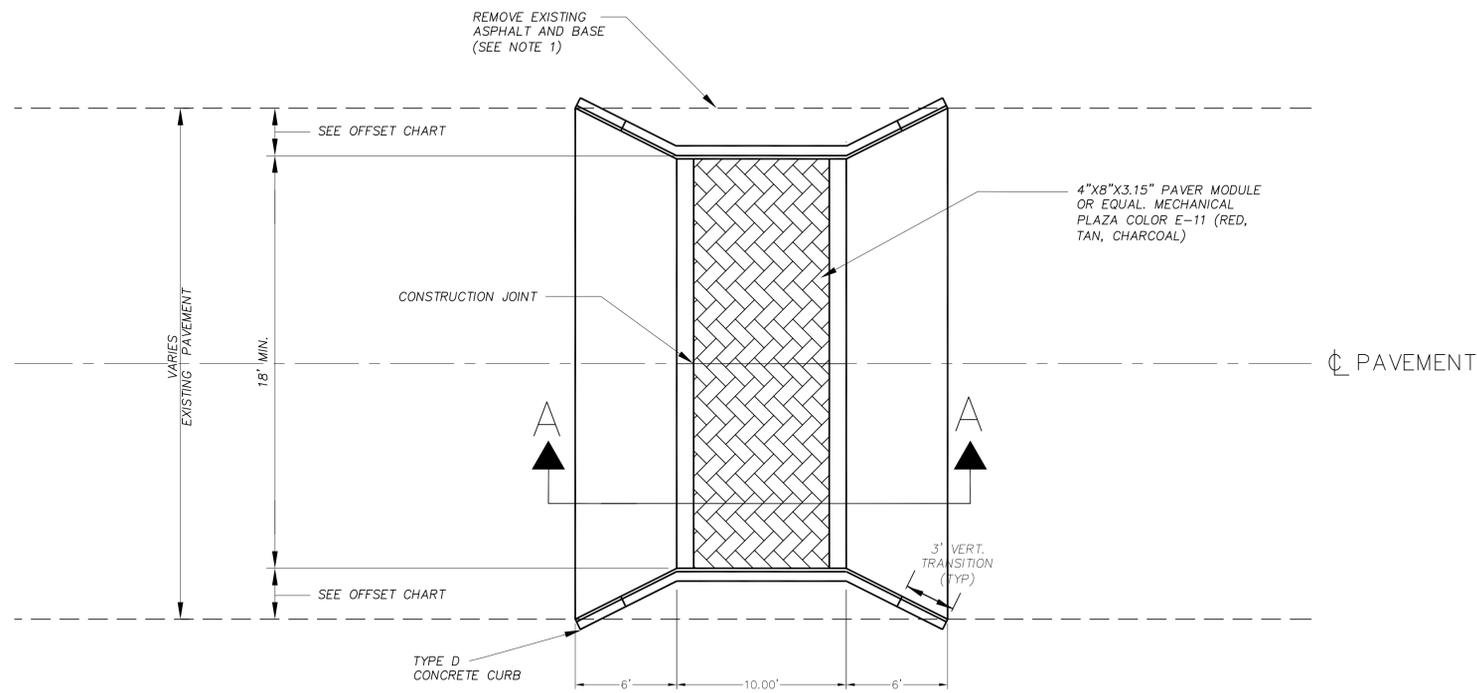
### Supplemental Details:

The State of Florida Department of Transportation Roadway and Traffic Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Dated January 2006.

- Asphalt pavement (2"-4" thick) and rock base (8"-10" thick) shall be completely removed and properly prepared in an area outside of the project, subject to the approval of the Engineer. The subsequent void shall be back-filled to the original grade with clean fill and sodded. Any existing operative irrigation systems within 20 feet of the newly sodded area shall be adjusted/extended to provide coverage to the newly sodded area.
- The Contractor shall take necessary steps, including but not limited to, the application and maintenance of a layer of bedding sand on the concrete pavers, of sufficient quantity to protect the pavers from any damage or stains that may result from the paving operations.
- The concrete pavers shall be staggered per manufacturing specifications. Bedding sand shall be in accordance with ASTM C33 (1" average thickness). Concrete pavers shall be a minimum of 3.15" thick and shall conform to ASTM C936(6). Asphalt shall be Type S-III in accordance with Section 311 of the FDOT Specifications. Bases of payment for Asphalt shall be 120 lbs./s.y./in. Concrete for concrete header curb shall be 3,000 PSI minimum, in accordance with Section 400 of the FDOT Specifications.
- Concrete Paver samples shall be submitted to the Engineer for review and approval.
- Landscaping in swale areas shall be xeriscape and may include trees, shrubs and mulch. Existing irrigation system to be adjusted as needed. Pursuant to City Code Section 25-251, the owner and or occupant of the adjacent property shall maintain the abutting swale areas.

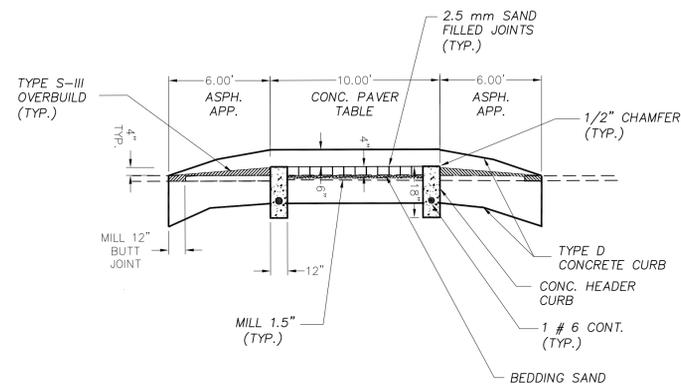
## Maintenance of Traffic Notes

- The Contractor is required to maintain pedestrian and vehicular traffic on this project. The Florida Department of Transportation Standard Index drawings Nos. 600 through 660 and the Manual of Uniform Traffic Control Devices and subsequent addendum and revisions shall set forth the minimum standards for the installation, maintenance and subsequent removal of all construction signs, detours, street closings, flashing arrow boards for lane drops, any temporary pavement, work zone pavement markings, barricades and warning lights as may be needed to maintain vehicle and pedestrian traffic.
- The Contractor shall prepare and submit for review and approval, Maintenance of Traffic plan for each phase of construction in accordance with Section 102 of the FDOT specifications.



**PLAN VIEW**  
N.T.S.

OFFSET CHART	
ROAD WIDTH (FT)	OFFSET (FT)
= > 24	3
23 : 22	2
< 22	0

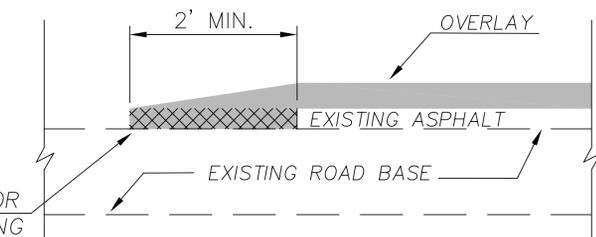


**SECTION 'A-A'**  
N.T.S.

NOTE:  
PAVER IN THE RIGHT-OF-WAY MUST NOT BE LAID IN A RUNNING BOND PATTERN AND MUST BE INTERLOCKING. PAVING SHALL BE LAID IN 45 DEGREE HERRINGBONE PATTERN. BEDDING SAND SHALL BE IN ACCORDANCE WITH ASTM C33 (1" AVERAGE). PAVERS SHALL BE A MINIMUM OF 3.15" IN ACCORDANCE WITH ASTM C936(6).

ASPHALT: TYPE S-III  
VERTICAL TOLERANCE = 0.5"

SAWCUT AND REMOVE OR MILL 1" MINIMUM EXISTING ASPHALT PAVEMENT.



**BUTT JOINT DETAIL**  
N.T.S.



**City of Boca Raton**  
**Municipal Services/Engineering Division**

201 West Palmetto Park Road, Boca Raton Florida 33432-3795 Tel. (561)416-3401

No.	Revision	By:	Date:
1	Notes and Drawing Details Updated as per Tony Puerta	A.W.B.	11/13/06

Scale: N.T.S.  
Drawn By: A.W.B.  
Checked By: A.J.P.  
Approved By: A.J.P.  
Drawing Date: 11/13/2003  
Field Book#: .  
Page#: .

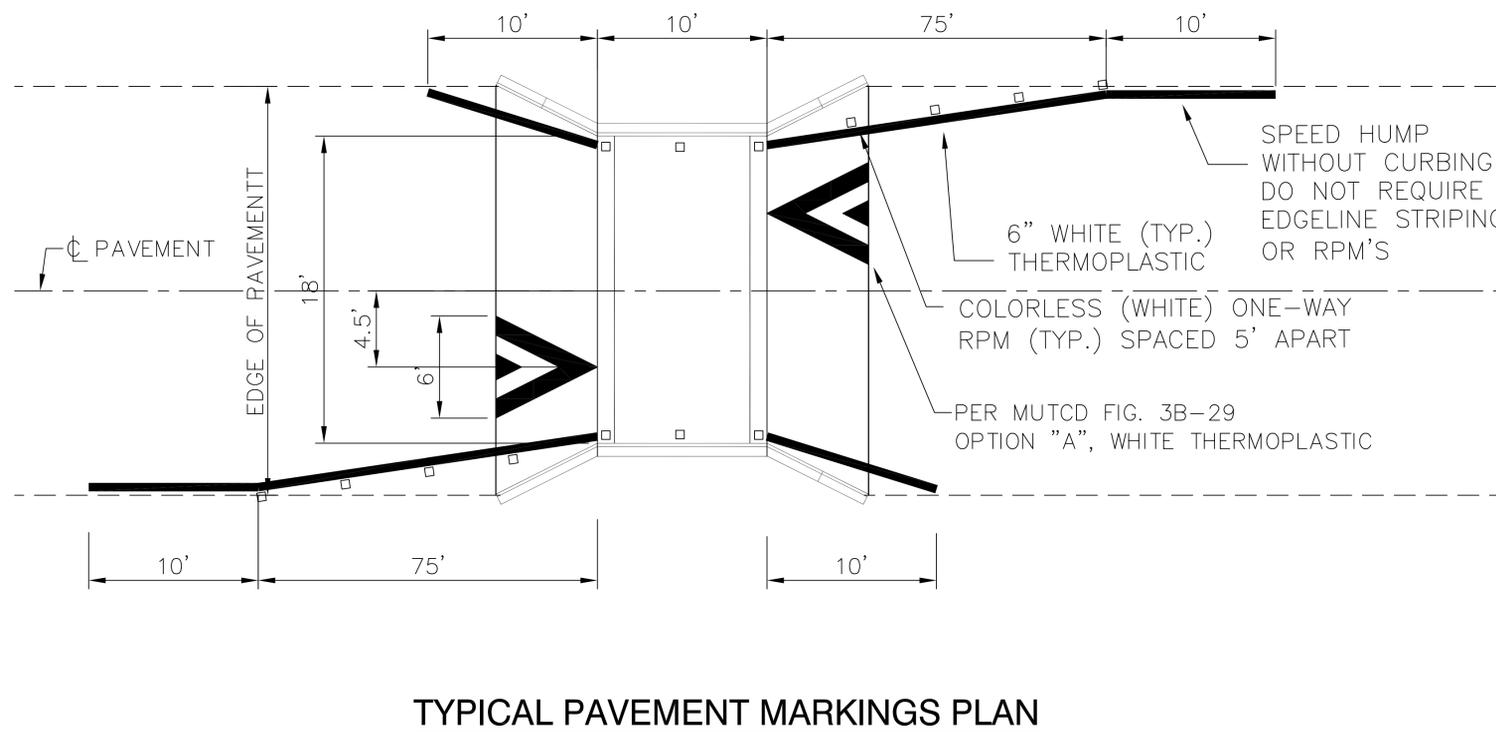
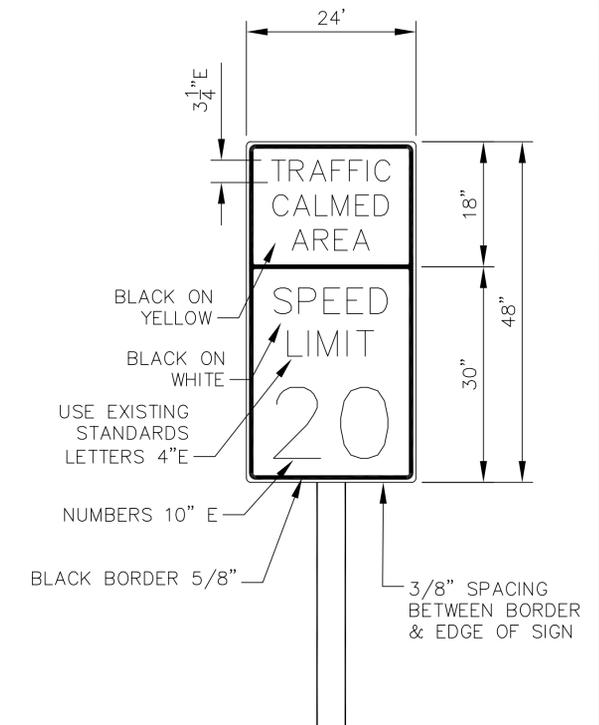
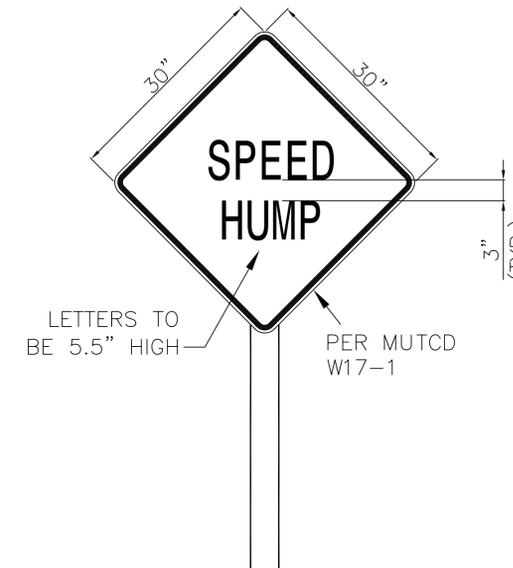
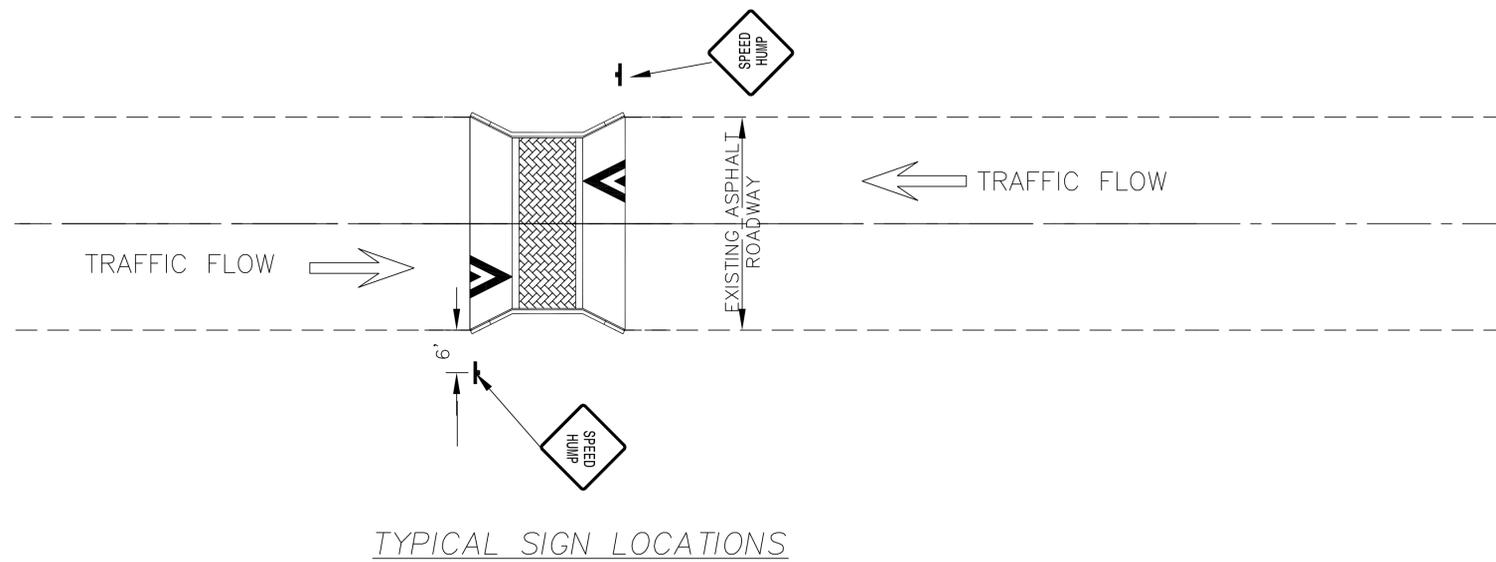
Issued For :  
 Permits  
 Bidding  
 Review & Comments  
 Construction  
 Informational

**TRAFFIC CALMING**  
**CONSTRUCTION DETAIL**  
**ENHANCED SPEED HUMP**

Drawing No.  
C-443

Project No.

SHEET  
**H1 OF H2**



### Signing and Pavement Marking Notes

#### GOVERNING SPECIFICATIONS:

The State of Florida Standard Department of Transportation Standard Specifications for Road and Bridge Construction, Dated 1991 and the Supplements and Special Provisions Thereto

#### Supplemental Details:

The State of Florida Standard Department of Transportation Roadway and Traffic Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Dated January 1994

1. Traffic signs shall be in accordance with Section 700 of the FDOT Specifications and conform to the min. requirements of the MUTCD.
2. The furnishing and installation of reflective pavement markers shall be in conformance with Section 706 of the FDOT Specifications.
3. All thermoplastic pavement markings shall be in conformance with Section 711 of the FDOT Specifications. Temporary paint may be used for up to 90 days or until the pavement cures to allow the thermoplastic.
4. Speed hump signs installed in advance of the time the speed hump is opened to traffic shall be covered.
5. Use the word "Hump" (singular).
6. Special Traffic Calmed Area signs are to be used at every entrance to the neighborhood whenever a comprehensive traffic calmed project is constructed. One Special Advanced Sign is to be used at each approach to a series of speed humps that are spaced less than a 1/4 of a mile apart. Special Advanced Signs are not required when Special Traffic Calmed Area Signs are in use.
7. The exact location and type of new signs and removal of old speed limit signs shall be as directed by the city of Boca Raton Engineer.
8. Before any speed hump can be opened to traffic, all required signing and markings must be installed. Speed hump warning signs shall be fitted with red warning flags for a period of not less than 30 days. If landscaping has not been installed by the time the roadway is opened barricades must be placed at all locations with roadway narrowing until landscaping has been installed.
9. The Contractor must obtain written permission from the Engineer before any speed hump can be opened to traffic.

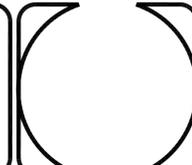


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Scale: AS SHOWN  
 Drawn By: E.L.A.  
 Checked By: A.J.P.  
 Approved By: A.J.P.  
 Drawing Date: 4/25/01  
 Field Book#: .  
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**TRAFFIC CALMING  
 STANDARD PAVEMENT MARKING  
 AND SIGNAGE DETAIL  
 ENHANCED SPEED HUMP**

Drawing No. C-443  
 Project No. .  
 SHEET  
**H2 OF H2**