



DEPARTMENT OF PUBLIC WORKS

South Biscayne Drive Median Improvements Project

January 10, 2017

Existing conditions on South Biscayne Drive



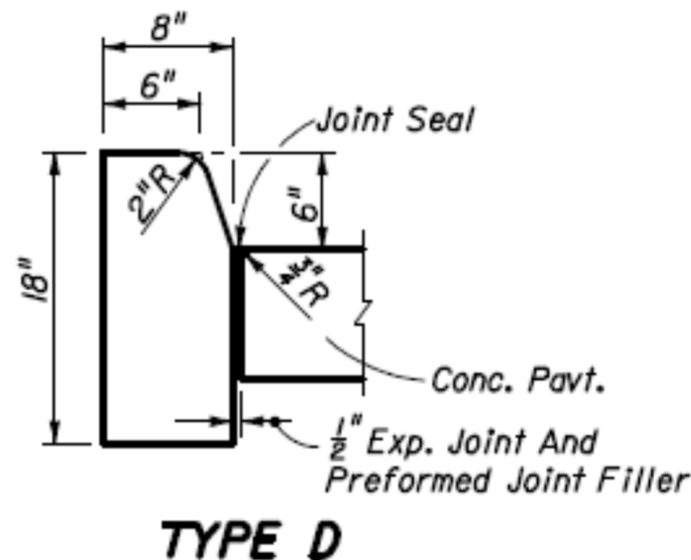
All other medians are
uncurbed

Median south of US41
with curbing



Curbing Design

- Design for the landscape beds below the pavement was changed to median curbing and grading
- Concrete curbing was designed for construction in accordance with Florida Department of Transportation details and specifications for Type D Curbing



Benefits of Concrete Curbing

- Type D Curbing is a vertical barrier to the trees, plants and mulch
- Visible/physical barrier between vehicles and median
- Aesthetically pleasing

Example of Type D Curbing



Bidding Process

- To attract qualified bidders from their respective area of work, construction of the concrete curbing and installation of the irrigation and landscaping were bid separately
- Received one bid for the concrete curbing
- Contributing factors for bid results:
 - The active economy has generated significant amount of private development within the City and surrounding cities and counties
 - Increased workload and bonding requirements of contractors has limited the bidding activity for smaller sized project.

Bid Renegotiations

- Proposed scope of services was renegotiated to reduce the original bid amount of \$470,627 which is over the Engineer's estimate amount of \$447,102
- The renegotiated amount came in at \$412,912 with a contingency amount of \$15,000
- Renegotiations resulted in the following changes to the contractor's bid:
 - Reduced quantity of embankment soil from 3,410 cubic yards to 2,500 cubic yards
 - Public Works may supply the embankment soil if testing results are within established parameters
 - Public Works will provide the Maintenance of Traffic on the project



QUESTIONS?