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# Nebraska Avenue (SR 45)

## From Kennedy Boulevard to Hillsborough Avenue

Ronald A. Chin, P.E.  
FDOT District 7 Design Engineer





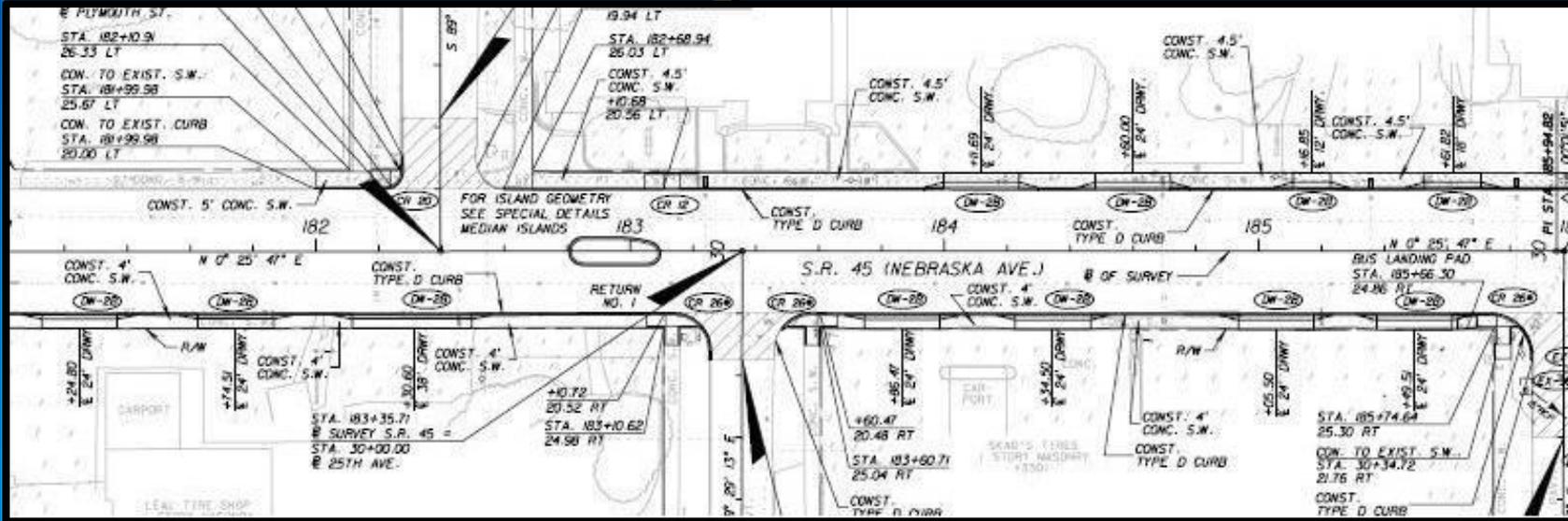


# Roadway Plan View

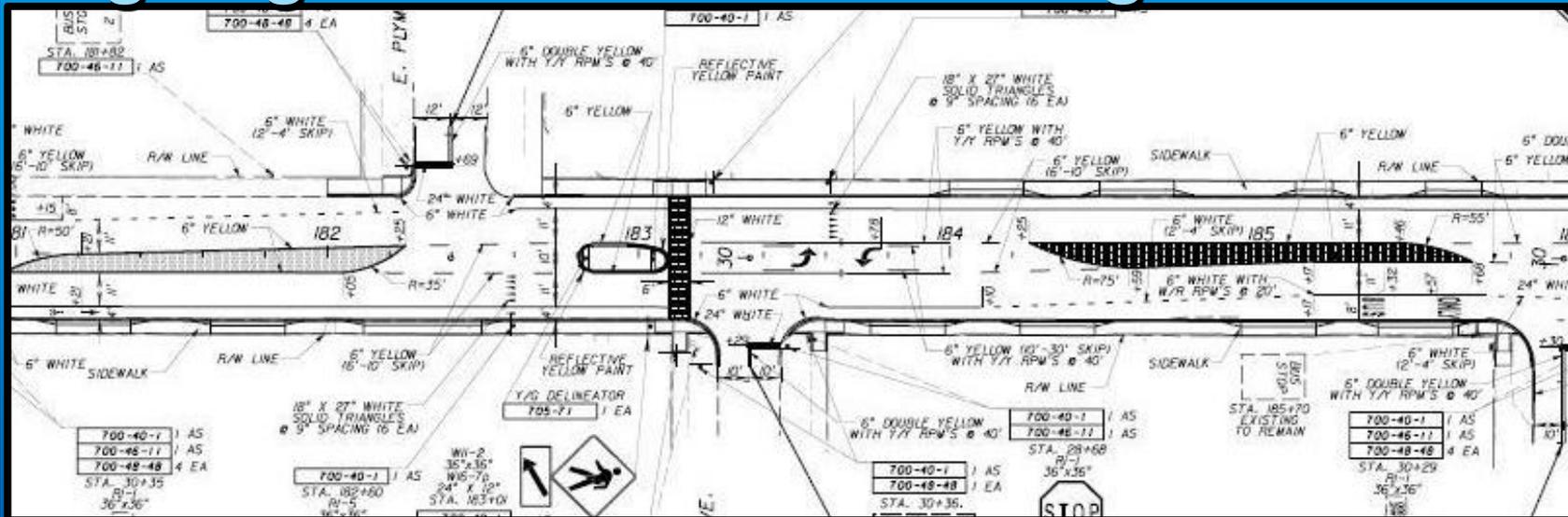
Florida  
Department of  
Transportation



District Seven



# Signing and Pavement Marking Plan View











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# *After Conditions*

- 3 Lane Roadway with Dual Left Turn Lane
- 2010 AADT = 15,800
- Design Speed = 45 mph
- Posted Speed = 35 mph
- Truck Traffic = 3%
- Wider Traffic Lanes





































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# *Results – Sideswipe and Rear End Crashes*

- ❑ Sideswipe crash rate has reduced from 0.76 crashes per million vehicle miles traveled (MVMT) to 0.15 crashes per MVMT. (80% reduction)
  
- ❑ Rear end crash rate has reduced from 1.18 crashes per MVMT to 0.82 crashes per MVMT. (30% reduction)
  
- ❑ Bus Bays and a Two Way Left Turn Lane were added as part of the enhancement project. These features were added using pavement markings only.









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# ***Construction Information***

- Total Construction Cost = \$ 11.1 million
- Construction Duration - 498 Days

## ***Major Stakeholders***

- State of Florida
- City of Tampa
- Hillsborough Area Regional Transit (HART)
- Chamber of Commerce
- Local Community Groups

