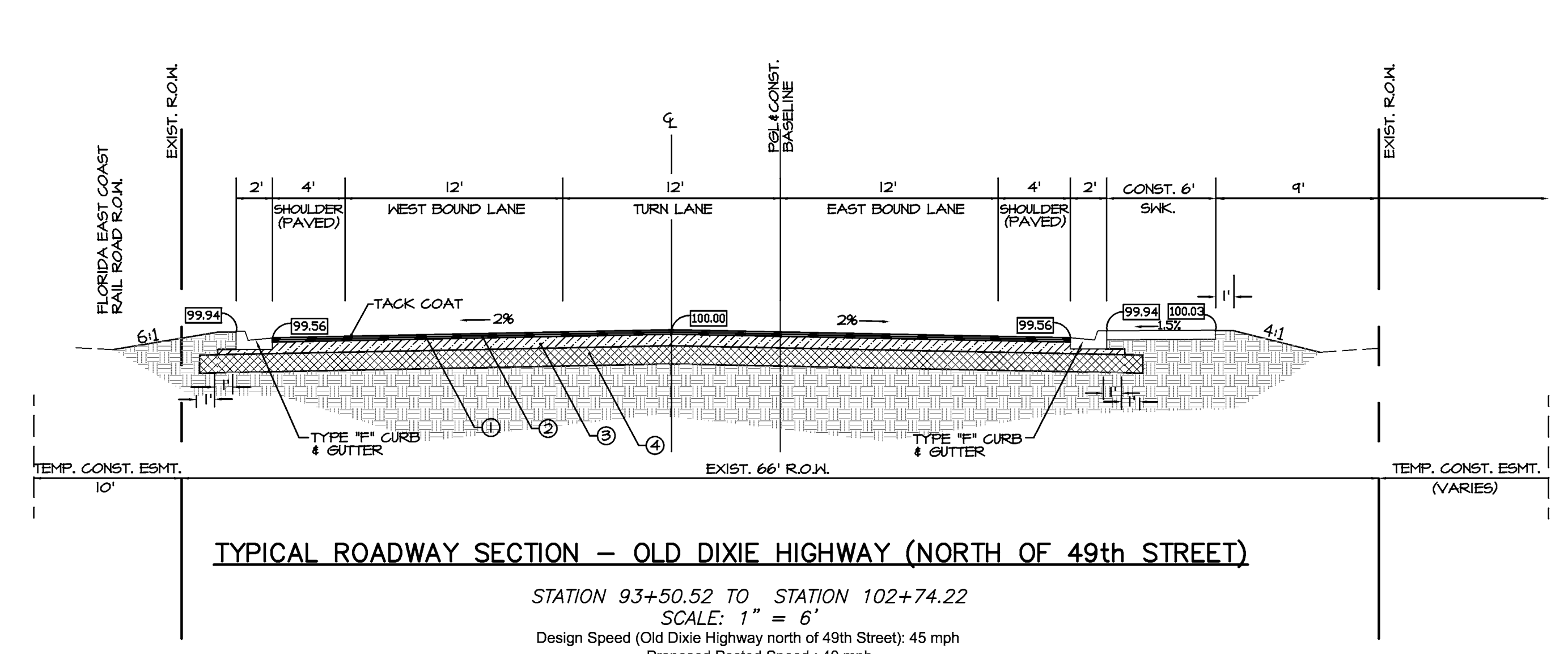
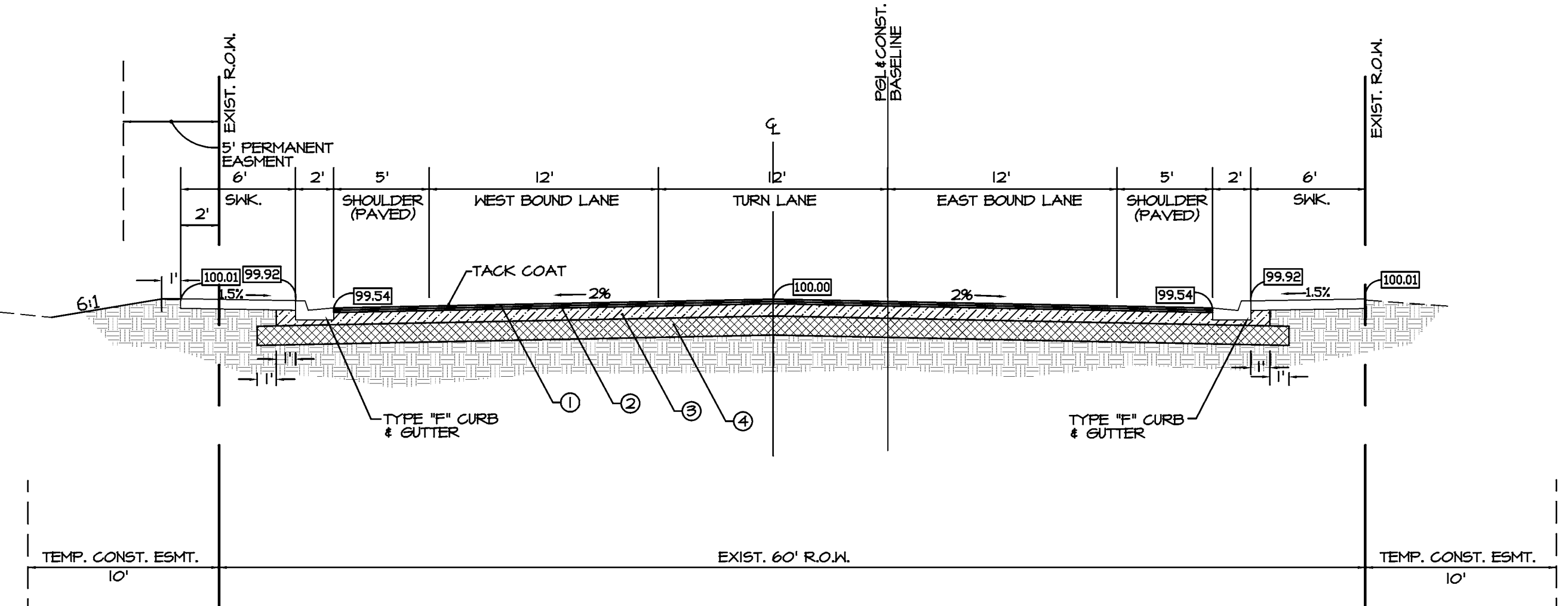


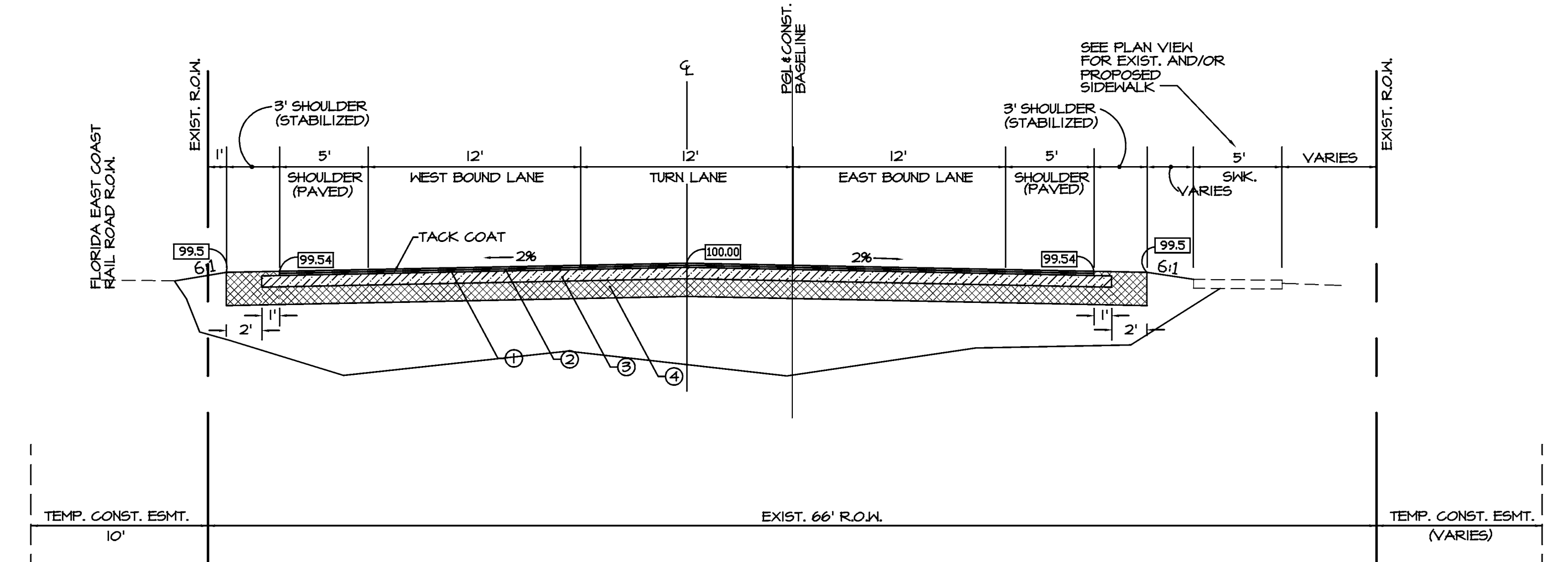
**TYPICAL ROADWAY SECTION - 49th STREET (WEST OF OLD DIXIE)**  
 STATION 9+48.90 TO STATION 20+00.00  
 SCALE: 1" = 6'  
 Design Speed (49th Street west of Old Dixie Highway): 40 mph  
 Posted Speed : 35 mph



**TYPICAL ROADWAY SECTION - OLD DIXIE HIGHWAY (NORTH OF 49th STREET)**  
 STATION 93+50.52 TO STATION 102+74.22  
 SCALE: 1" = 6'  
 Design Speed (Old Dixie Highway north of 49th Street): 45 mph  
 Proposed Posted Speed : 40 mph



**TYPICAL ROADWAY SECTION - 49th STREET (EAST OF OLD DIXIE)**  
 STATION 20+00.00 TO STATION 25+68.63  
 SCALE: 1" = 6'  
 Design Speed (49th Street east of Old Dixie Highway): 40 mph  
 Posted Speed : 35 mph



**TYPICAL ROADWAY SECTION - OLD DIXIE HIGHWAY (SOUTH OF 49th STREET)**  
 STATION 85+35.62 TO STATION 93+50.52  
 SCALE: 1" = 6'  
 Design Speed (Old Dixie Highway south of 49th Street): 40 mph  
 Posted Speed : 35 mph

- ① TYPE SP-9.5 (SUPERPAVE) ASPHALTIC CONCRETE 1-1/2" MINIMUM THICKNESS
- ② TYPE SP-12.5 (SUPERPAVE) ASPHALTIC CONCRETE 1-1/2" MINIMUM THICKNESS
- ③ COQUINA BASE (MINIMUM LBR 100) 10" MINIMUM THICKNESS (2 LIFTS) COMPACTED TO 98% OF MAXIMUM DENSITY PER AASHTO T-180.
- ④ TYPE "B" STABILIZED SUBGRADE (MINIMUM LBR 40) HOMOGENEOUSLY MIXED TO A 12" MINIMUM THICKNESS, COMPACTED 98% MAXIMUM DENSITY PER AASHTO T-180.

- NOTES:**
- 1- TOPSOIL, ROOTS, MUCK, ORGANICS, AND OTHER DELETERIOUS MATERIALS SHALL BE REMOVED FROM RIGHT-OF-WAY.
  - 2- FILL UNDER SWALES SHALL BE CLEAN PERMEABLE SOIL, MINIMUM PERMEABILITY OF 6 IN/HR.
  - 3- FILL UNDER ROADWAY SHALL BE CLEAN STRUCTURAL FILL PLACED IN 6 INCH LOOSE LIFTS COMPACTED TO 98% MAXIMUM DENSITY PER AASHTO T-180. MAXIMUM DENSITY PER AASHTO T-180.

**CONSTRUCTION PLANS**

**TYPICAL ROADWAY CROSS SECTIONS**  
**49th STREET / U.S. #1 INTERSECTION IMPROVEMENTS**  
**INDIAN RIVER COUNTY PROJECT #1412**

**M MASTELLER & MOLER, INC.**  
 CONSULTING ENGINEERS  
 1655 27th STREET, SUITE #2, VERO BEACH, FLORIDA, 32960  
 (772) 567-5300 / FAX (772) 794-1106  
 CERTIFICATE OF AUTHORIZATION NUMBER 4204

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DRAWN	SH
DESIGNED	SH
CHECKED	SEM
DATE	JUNE 2015
SCALE	1"=6'
SHEET	5 OF 21
DWG NO	1456

STEPHEN E. MOLER, P.E. FL#33193

NO.	DATE	DESCRIPTION	DR/APP
REVISIONS			