



CONTRACT DRAWINGS  
45TH STREET EAST  
(FROM SR 70 TO 44TH AVENUE EAST)  
FOR  
MANATEE COUNTY, FLORIDA  
COUNTY PROJECT NUMBER: 6025662

RELATED STANDARDS AND SPECIFICATIONS

DESCRIPTION

- A. FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2014).
- B. MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION, (FLORIDA GREEN BOOK), (2011).
- C. FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, (JANUARY 2014).
- D. AASHTO, GUIDE FOR PLANNING, DESIGN, AND OPERATION OF PEDESTRIAN FACILITIES, (2004).
- E. FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD), (2009).
- F. CHAPTER 14-96 AND 14-97, FLORIDA ADMINISTRATIVE CODE RULE FOR FDOT CONNECTION PERMIT.
- G. SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMITTING (ERP) INFORMATION MANUAL, LATEST EDITION
- H. MANATEE COUNTY HIGHWAY, TRAFFIC AND STORM WATER STANDARDS, (2007).

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS  
MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION.  
THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

UTILITY WARNING NOTE

ABOVE GROUND AND / OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE "ONE CALL" AT 1-800-432-4770 AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES.

SUMMARY OF REVISIONS

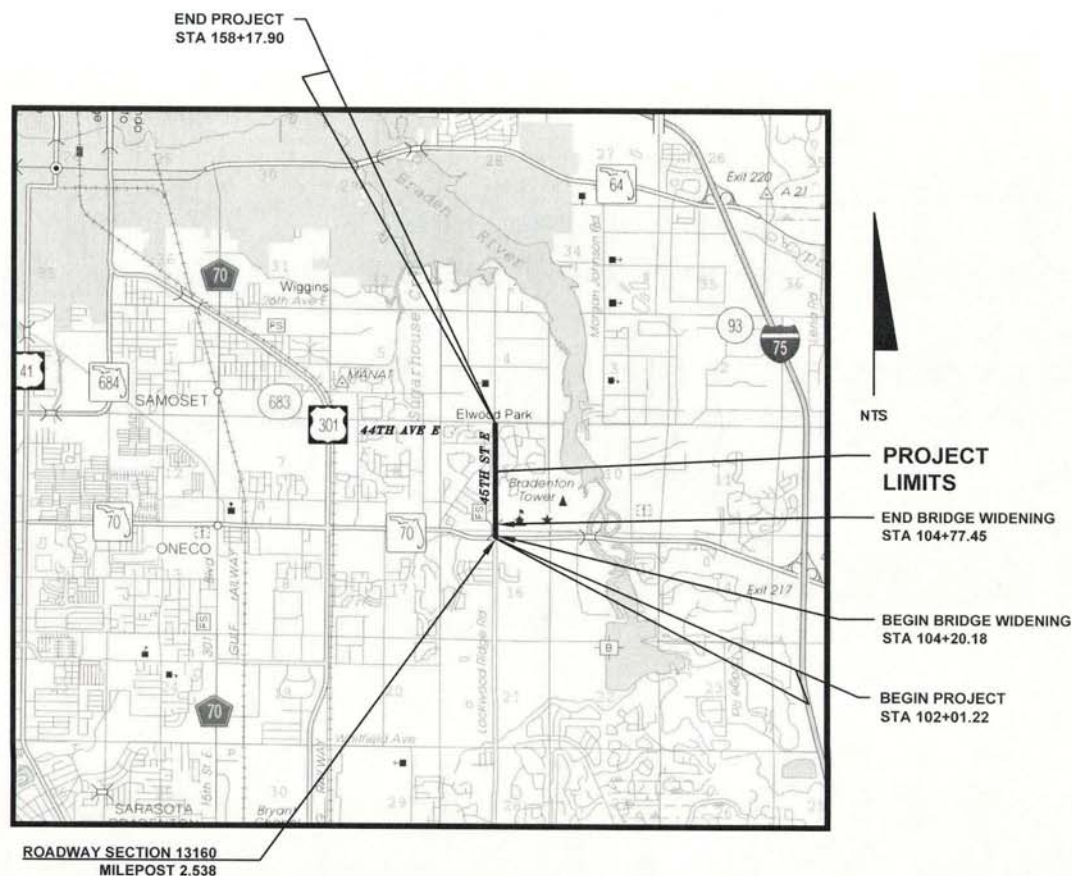
| DATE | DESCRIPTION |
|------|-------------|
|      |             |

For Design Standards Modifications click on  
"Design Standards" at the following web site:  
<http://www.dot.state.fl.us/rddesign/>

PROJECT LENGTH IS BASED ON  $\frac{1}{2}$  OF CONSTRUCTION

| LENGTH OF PROJECT       |             |       |
|-------------------------|-------------|-------|
|                         | LINEAR FEET | MILES |
| ROADWAY                 | 5561.41     | 1.053 |
| BRIDGES                 | 57.27       | 0.011 |
| NET LENGTH OF PROJECT   | 5618.68     | 1.064 |
| EXCEPTIONS              | 0           | 0     |
| GROSS LENGTH OF PROJECT | 5618.68     | 1.064 |

| REVISIONS |     |                                                                                                                   |
|-----------|-----|-------------------------------------------------------------------------------------------------------------------|
| DATE      | BY  | DESCRIPTION                                                                                                       |
| 3/19/2017 | DJA | REVISION 1 - SHEETS T-1 THRU T-3, T-5 THRU T-7, T-9, T-12, T-13, T-16, T-22, T-23, T-26 THRU T-33, L-1, L-4 - L-7 |
| 8/7/2017  | JYY | REVISION 2 - SHEETS 10 & B-1                                                                                      |



PLANS PREPARED BY:



380 Park Place Blvd, Suite 300, Clearwater, Florida, 33759  
www.cardno.com - 727.531.3505  
Certificate of Authorization No. 29915



ENGINEER OF RECORD

62449

FL. LICENSE NO.

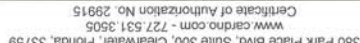
COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS  
SIGNAL PLANS  
LIGHTING PLANS  
UTILITY RELOCATION PLANS  
BRIDGE PLANS

INDEX OF ROADWAY PLANS

| SHEET NO | SHEET DESCRIPTION                          |
|----------|--------------------------------------------|
| 1        | KEY SHEET                                  |
| 2        | SURVEY NOTES                               |
| 3-6      | DRAINAGE MAP                               |
| 7-8      | GENERAL NOTES                              |
| 9        | TYPICAL SECTIONS                           |
| 10       | SUMMARY OF QUANTITIES                      |
| 11-22    | GEOMETRIC CONTROL PLAN                     |
| 23-32    | PLAN                                       |
| 33-37    | PROFILE                                    |
| 38       | POND PLAN                                  |
| 39       | POND TYPICALS                              |
| 40       | OUTFALL DETAILS                            |
| 41       | MITIGATION PLAN                            |
| 42       | MITIGATION PLANTING PLAN                   |
| 43-61    | CROSS-SECTIONS                             |
| 62-66    | ROADWAY SOIL SURVEY                        |
| 67-78    | EROSION CONTROL                            |
| 79       | SIGNING AND PAVEMENT MARKING GENERAL NOTES |
| 80-89    | SIGNING AND PAVEMENT MARKING PLAN          |
| 90       | GUIDE SIGN WORK SHEET                      |
| 91       | SIGN CROSS SECTION                         |
| 92-100   | TRAFFIC CONTROL PHASING                    |
| 101-110  | UTILITY ADJUSTMENT PLAN                    |
| 111      | TEST HOLE DATA                             |
| 112-121  | EXISTING CONDITION SURVEY                  |

## 45TH STREET EAST ROADWAY IMPROVEMENTS

A circular professional engineer seal for Jason Y. Yam, State of Florida, License No. 62449. The seal includes the text "PROFESSIONAL ENGINEER", "STATE OF FLORIDA", "JASON Y. YAM", "LICENSE", "No. 62449", and "12/17/17". There is a handwritten "DATE" and a signature over the seal.

## SUMMARY OF QUANTITIES

