



PLANS PREPARED FOR  
**CITY OF PORT ST. LUCIE, FLORIDA**  
**PUBLIC WORKS DEPARTMENT**

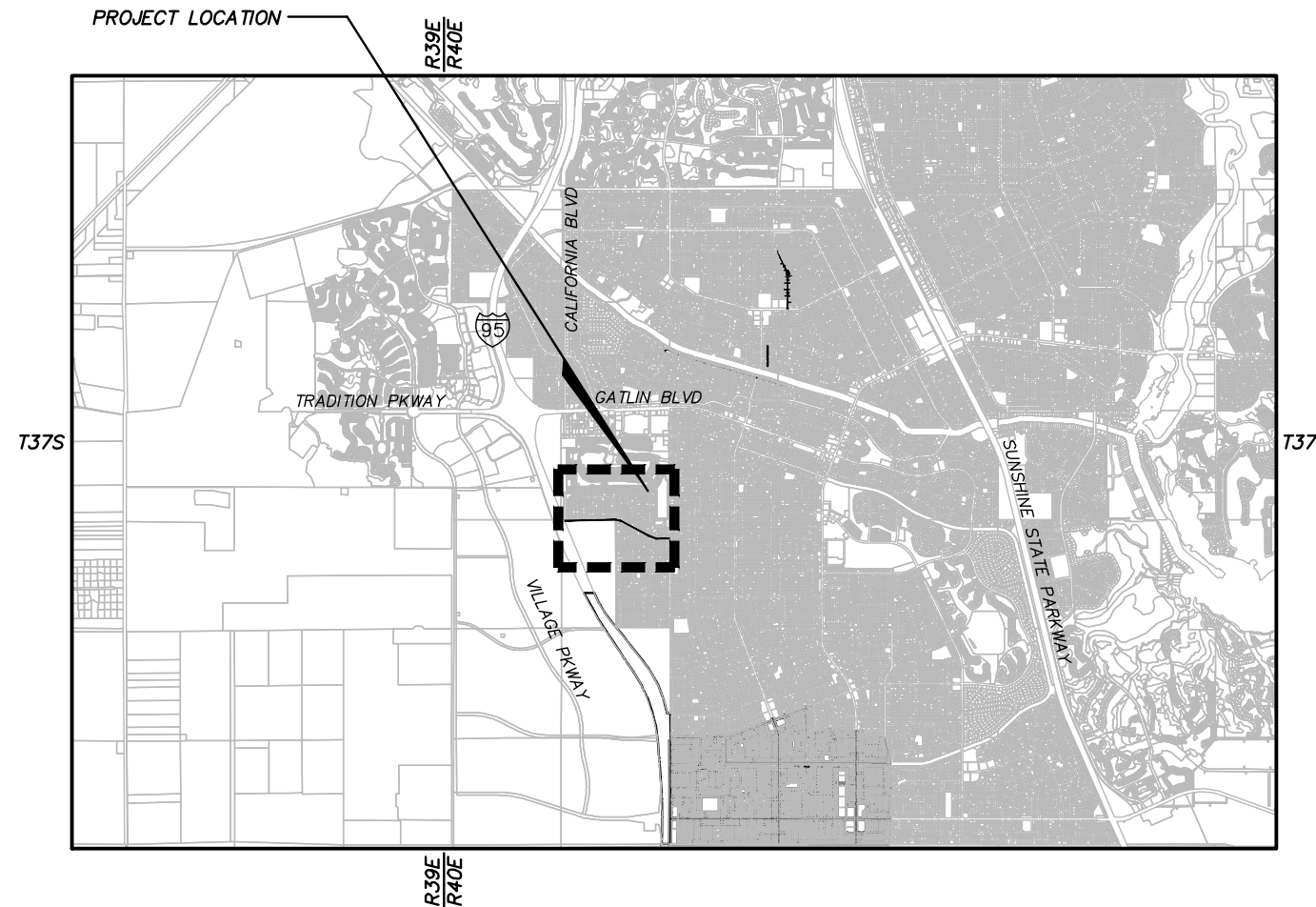
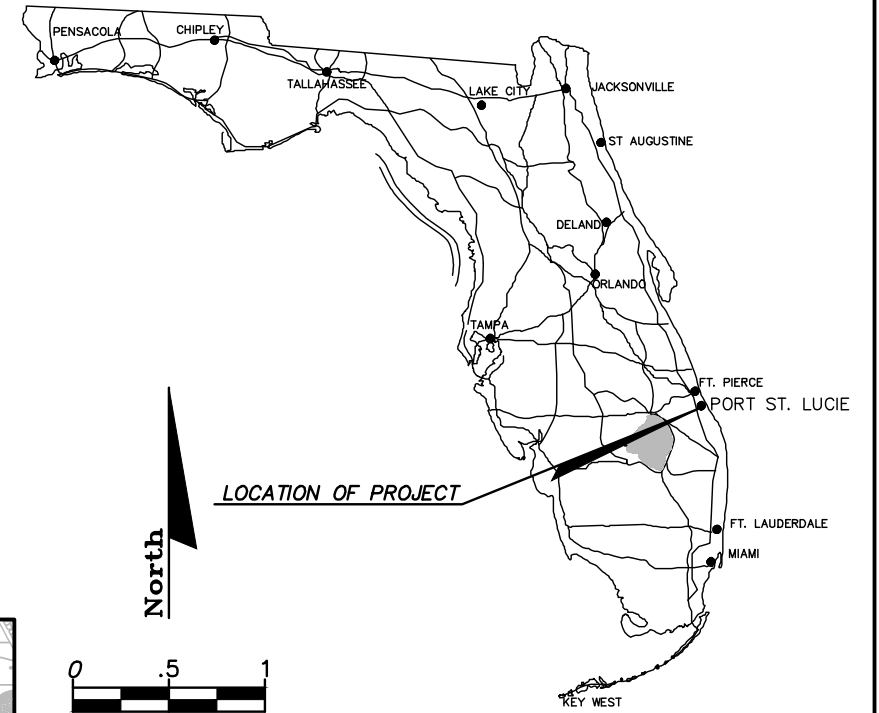
**CONTRACT PLANS**

SW DREYFUSS BLVD  
 TRAFFIC CALMING PLANS

**COMPONENTS OF CONTRACT PLANS SET**  
 \* CONSTRUCTION PLANS

**INDEX OF PLANS**

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	GENERAL NOTES
3	SUMMARY OF PAY ITEMS
4	PROJECT LAYOUT
5-12	TRAFFIC CALMING PLAN SHEETS
13	RAISED INTERSECTION DETAILS
14	SPEED TABLE DETAILS



**GOVERNING STANDARD PLANS:**  
 Florida Department of Transportation, FY2023-24  
 Standard plans for Road and Bridge Construction and  
 applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated Irs  
 are available at the following website:  
<http://www.fdot.gov/design/Standardplans/>

Standard Plans for Bridge Construction are included in  
 the Structures Plans Component.

**GOVERNING STANDARD SPECIFICATIONS:**  
 Florida Department of Transportation, July 2023 Standard  
 Specifications for Road and Bridge Construction at the  
 following website:  
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION SHOP DRAWINGS  
 TO BE SUBMITTED TO:

STEFAN K. MATTHES, PE  
 CULPEPPER & TERPENING, INC.  
 2980 SOUTH 25TH STREET  
 FORT PIERCE, FLORIDA 34981

PLANS PREPARED BY:



NOTE: THE SCALE OF THESE PLANS MAY  
 HAVE CHANGED DUE TO REPRODUCTION.

THIS DOCUMENT HAS BEEN DIGITALLY  
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 MATTHES, PE ON 04/26/2023 USING A  
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ROADWAY PLANS  
 ENGINEER OF RECORD: STEFAN K. MATTHES, P.E.  
 P.E. NO. : 38723

BID PLANS  
 APRIL 26, 2023

LENGTH OF PROJECT		
	LIN. FT.	MILES
ROADWAY	5,581 LF	1.06
BRIDGES	0 LF	0.00
NET LENGTH OF PROJ.	5,581 LF	1.06
EXCEPTIONS		
GROSS LENGTH OF PROJ.	5,581 LF	1.06

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

PROJECT MANAGER: HEATH STOCTON, P.E.

FISCAL YEAR	SHEET NO.
22	1

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE LATEST EDITION, INCLUDING ALL REVISIONS, OF THE FOLLOWING STANDARDS AND PUBLICATIONS:

- FDOT ROADWAY DESIGN STANDARDS
- FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
- FDOT STRUCTURES STANDARD INDEX

2. THE CONTRACTOR IS TO USE CAUTION WHEN CONSTRUCTING THE SPEED TABLES, SIGNS AND RAISED INTERSECTIONS TO AVOID ALL EXISTING UTILITIES, EXISTING LANDSCAPING FEATURES AND EXISTING DRAINAGE STRUCTURES.

3. PRIOR TO REMOVAL OF EXISTING PAVEMENT OR CONCRETE, SAW CUTS AT THE INTERFACES MUST BE MADE TO REDUCE THE RISK OF DAMAGE TO THE REMAINING SURFACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO PAVEMENT OR CONCRETE SURFACES. ALL DAMAGED AREAS MUST BE REPAIRED TO EXISTING CONDITIONS OR BETTER, AT THE COST OF THE CONTRACTOR, PRIOR TO FINAL PAYMENT.

4. ALL DISTURBED AREAS SHALL BE RESTORED TO EXISTING OR BETTER CONDITIONS. THE CONTRACTOR SHALL ONLY BE ENTITLED FOR PAYMENT OF AUTHORIZED AREAS WITHIN THE PROJECT WORK LIMITS. THE PROJECT WORK LIMITS SHALL BE ESTABLISHED BY THE CITY OF PORT ST. LUCIE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE UNNECESSARY DAMAGE. ALL DAMAGED AREAS OUTSIDE THE PROJECT WORK LIMITS MUST BE REPAIRED TO EXISTING CONDITIONS OR BETTER, AT THE COST OF THE CONTRACTOR, PRIOR TO FINAL PAYMENT. CONTRACTOR SHALL ALSO TAKE CARE TO AVOID SPRINKLER HEADS AND IRRIGATION LINES, UNLESS AFOREMENTIONED CANNOT BE AVOIDED IN WHICH CASE IRRIGATION LINES WILL BE CUT AND CAPPED AT THE R/W LINE.

5. PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 711. PAINT IS TO BE USED UNTIL ASPHALT HAS ADEQUATELY CURED FOR THERMOPLASTIC APPLICATION.

6. THE MAINTENANCE OF TRAFFIC PLAN (MOT) SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT INDEX (600 SERIES) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL FOR STREETS AND HIGHWAYS (MUTCD). IF THE STANDARD INDEX TYPICALS DO NOT APPLY TO THE MOT REQUIREMENTS OF THIS PROJECT, THE CONTRACTOR SHALL SUBMIT A SIGNED AND SEALED MOT FOR THE ENGINEER'S APPROVAL PRIOR TO THE WORK BEING PERFORMED. THE CONTRACTOR IS TO MAINTAIN DRIVEWAY ACCESS THROUGHOUT THE PROJECT DURING CONSTRUCTION.

7. CONTRACTOR SHALL MAINTAIN SILT FENCE IN PROJECT AREAS TO PREVENT SEDIMENT DISCHARGE FROM THE DISTURBED AREAS.

8. ANY KNOWN OR SUSPECT HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO HEATH STOCTON BY TELEPHONE (772) 871-5177, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECT HAZARDOUS MATERIAL FROM FURTHER ACCESS. THE PROJECT ENGINEER IS TO NOTIFY THE PROPER REGULATORY AUTHORITY OF THE DISCOVERY. THE PROPER REGULATORY AUTHORITY WILL ADVISE/DIRECT THE PROJECT ENGINEER IN THE INVESTIGATION, IDENTIFICATION AND/OR REMOVAL/REMEDICATION OF THE MATERIAL IN QUESTION AS NEEDED. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF SUSPECTED CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER, THE REGULATORY AUTHORITY WILL ADVISE THE PROJECT ENGINEER IN THESE MATTERS.

9. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY OF THE REQUEST TO HEATH STOCTON OF THE CITY OF PORT ST. LUCIE PUBLIC WORKS DEPARTMENT BY TELEPHONE (772) 871-5177. THE CONTRACTOR SHALL PROVIDE HEATH STOCTON WITH A COPY OF THE SAFETY DATA SHEET (SDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE, AND PROVIDE A DESCRIPTION OF THE SPECIFIC MANNER IN WHICH THE MATERIAL WILL BE USED. THE PROJECT ENGINEER SHALL COORDINATE WITH HEATH STOCTON PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AS HAZARDOUS MATERIALS, SUCH PRODUCTS DO NOT REQUIRE AN SDS SUBMITTAL. ALL BULK PETROLEUM PRODUCTS STORED ON SITE SHALL REQUIRE PROPER STORAGE WHICH INCLUDES SECONDARY CONTAINMENT.

10. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (1-800-432-4770) AND UTILITY OWNERS LISTED BELOW IN TWO BUSINESS DAYS (OR 10 DAYS IF ON THE JOB SITE)

COMPANY	CONTACT	TEL. NO.
AT&T	MARK GUTIERREZ	(772) 460 4443
COMCAST CABLE	RICK JOHNSON	(561) 402-4513
FLORIDA CITY GAS	BOCK KREINHAGEN	(321) 638-3419
FLORIDA POWER & LIGHT, CO.	DIANA VILLEGAS	(772) 337-7011
PSLUSD	STEVE HARNAGE	(772) 873-6420
PSL Traffic Division	NICK DIBENEDETTO	(772) 871-5015

11. WORK HOURS ARE FROM 7:00 AM TO DUSK, MONDAY-FRIDAY. WORK WILL NOT BE ALLOWED ON WEEKENDS OR HOLIDAYS OBSERVED BY THE CITY OF PORT ST. LUCIE UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE CITY. THE CONTRACTOR MUST RECEIVE WRITTEN PERMISSION FROM THE CITY AND PROVIDE AN APPROVED MOT PLAN BEFORE ANY LANE CLOSURES OCCUR. ANY WORK ALLOWED AND COMMENCING AFTER DUSK SHALL REQUIRE A NOISE PERMIT WHICH CAN BE OBTAINED FROM THE CITY OF PORT ST. LUCIE POLICE DEPARTMENT AT NO CHARGE.

12. THE CONTRACTOR SHALL COORDINATE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREAS ASSOCIATED WITH THIS PROJECT WITH HEATH STOCTON (772) 871-5177.

13. ALL WORK FOR THIS PROJECT WILL BE COMPLETED WITHIN AND FROM THE EXISTING RIGHT-OF-WAY.

14. SOD REPLACED BY THE CONTRACTOR MUST BE THE SAME TYPE AS THAT WAS REMOVED, UNLESS OTHERWISE APPROVED BY THE ENGINEER. ALL SOD SHALL MATCH EXISTING. THE SOD STRIPS SHALL BE LAID IN A STAGGERED PATTERN WITH SNUG EVEN JOINTS. ALL JOINTS SHALL BE BUTTED TIGHT TO PREVENT VOIDS.

STEFAN K. MATTHES, P.E.  
FL. REG. NO. 38723

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REVISIONS						C&T JOB NO. 21-209		 <b>CULPEPPER &amp; TERPENING INC</b> 2980 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34981 PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286	CITY OF PORT ST. LUCIE PUBLIC WORKS DEPARTMENT PROJECT NAME NW MILNER DRIVE TRAFFIC CALMING DESIGN	<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>	SHEET NO.  <b>GENERAL NOTES</b>
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DESIGNED BY SKM	DRAWN BY KU 8-19-22				
						CHECKED BY	CHECKED BY				2
						ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723					

## DREYFUSS TRAFFIC CALMING FOUR SPEED TABLES/TWO RAISED INTERSECTIONS QUANTITIES

4/26/2023

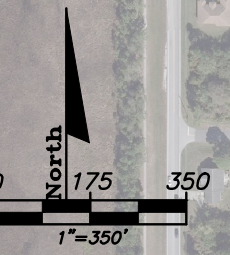
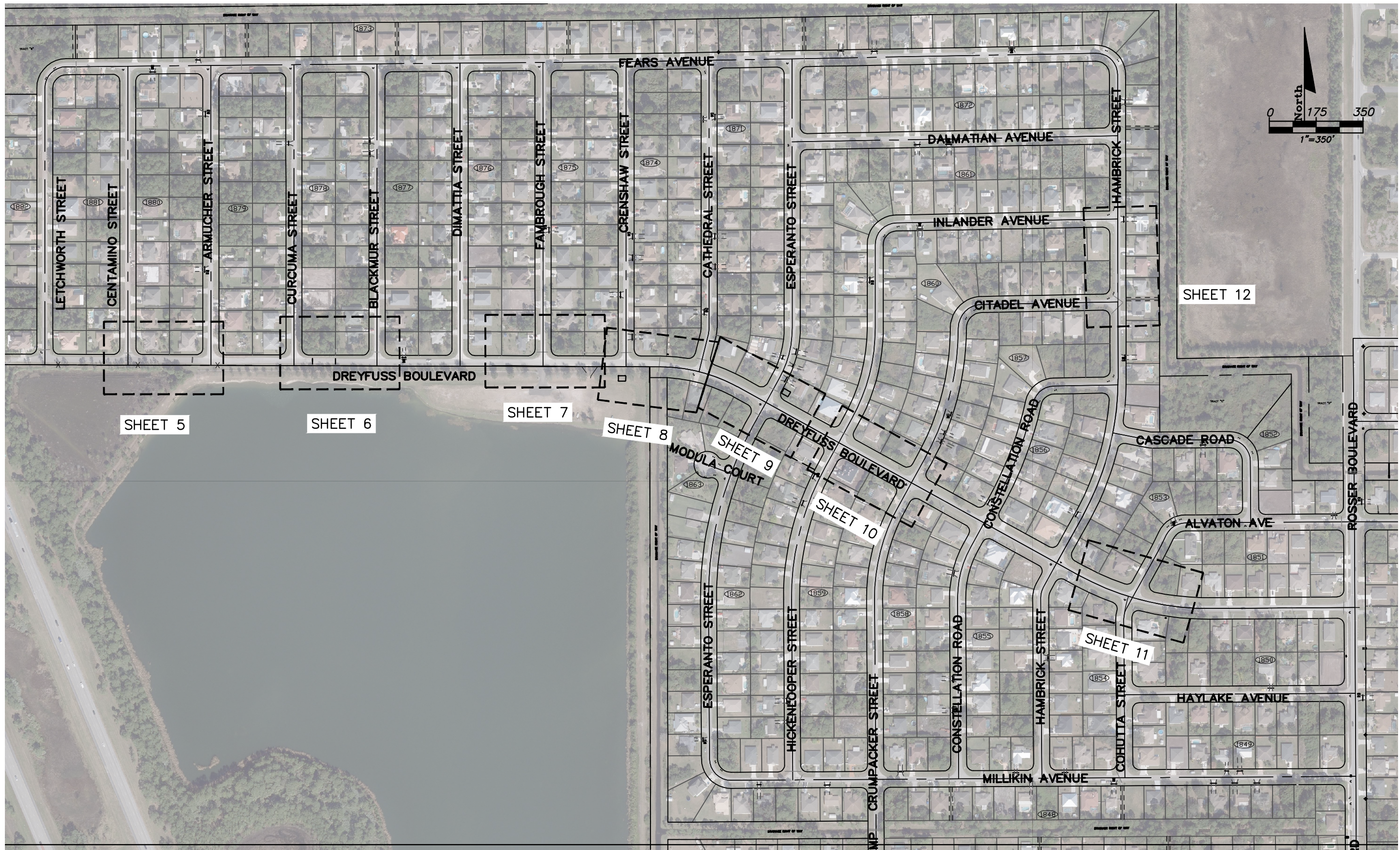
	FDOT ITEM No.	DESCRIPTION	UNIT	QUANTITY
1	101-1A	MOBILIZATION/GENERAL CONDITIONS/BONDS/PERMIT FEES	LS	1
2	101-1B	PRE-CONSTRUCTION VIDEO	LS	1
3	102-1	MAINTENANCE OF TRAFFIC	LS	1
4	104-10-3	SEDIMENT BARRIER	LF	1,000
5	104-18	INLET PROTECTION SYSTEM	EA	26
6	110-1	CLEARING & GRUBBING	AC	0.2
7	120-6A	EMBANKMENT	LS	1
8	327-70-1	MILLING EXISTING ASPH PAVT, 1" AVG DEPTH	SY	172
9	334-1-12A	SUPERPAVE ASPHALTIC CONC. TRAFFIC B (SP-12.5) (2 LIFTS)	TON	171.3
10	520-2-2	CONCRETE CURB TYPE D	LF	176
11	570-1-2	PERFORMANCE TURF, SOD	SY	445
12	700-1-11A	SINGLE POST SIGN, F&I GM, < 12 SF (SPEED TABLE/AHEAD)	EA	8
13	700-1-11B	SINGLE POST SIGN, F&I GM, < 12 SF (SPEED TABLE/20 MPH)	EA	8
14	700-1-11C	SINGLE POST SIGN, F&I GM, < 12 SF (RAISED INTERSECTION/AHEAD)	EA	7
15	700-1-11D	SINGLE POST SIGN, F&I GM, < 12 SF (RAISED INTERSECTION/20 MPH)	EA	7
16	700-1-11C	SINGLE POST SIGN, F&I GM, < 12 SF (STOP)	EA	3
17	700-1-11D	SINGLE POST SIGN, F&I GM, < 12 SF (25 MPH SPEED LIMIT)	EA	2
18	706-3	RETROREFLECTIVE RAISED PAVEMENT MARKERS	EA	88
19	711-11-121	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF	501
20	711-11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF	885
21	711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" (ADVANCE LINES)	LF	525
22	711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	35
23	711-11-160A	THERMOPLASTIC, STANDARD, WHITE, 12" (TABLE CHEVERONS)	EA	15
24	711-11-221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	2,250
25	711-11-222	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 8"	LF	830

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R E V I S I O N S						C&T JOB NO. 21-209	 <b>CULPEPPER &amp; TERPENING INC</b> <small>2980 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34981          PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com          STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286</small>	CITY OF PORT ST. LUCIE PUBLIC WORKS DEPARTMENT	<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	PROJECT NAME		<b>SUMMARY OF PAY ITEMS</b>		3
						<small>DESIGNED BY: SKM DRAWN BY: KU 8-19-22 CHECKED BY: . ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723</small>			NW MILNER DRIVE TRAFFIC CALMING DESIGN	

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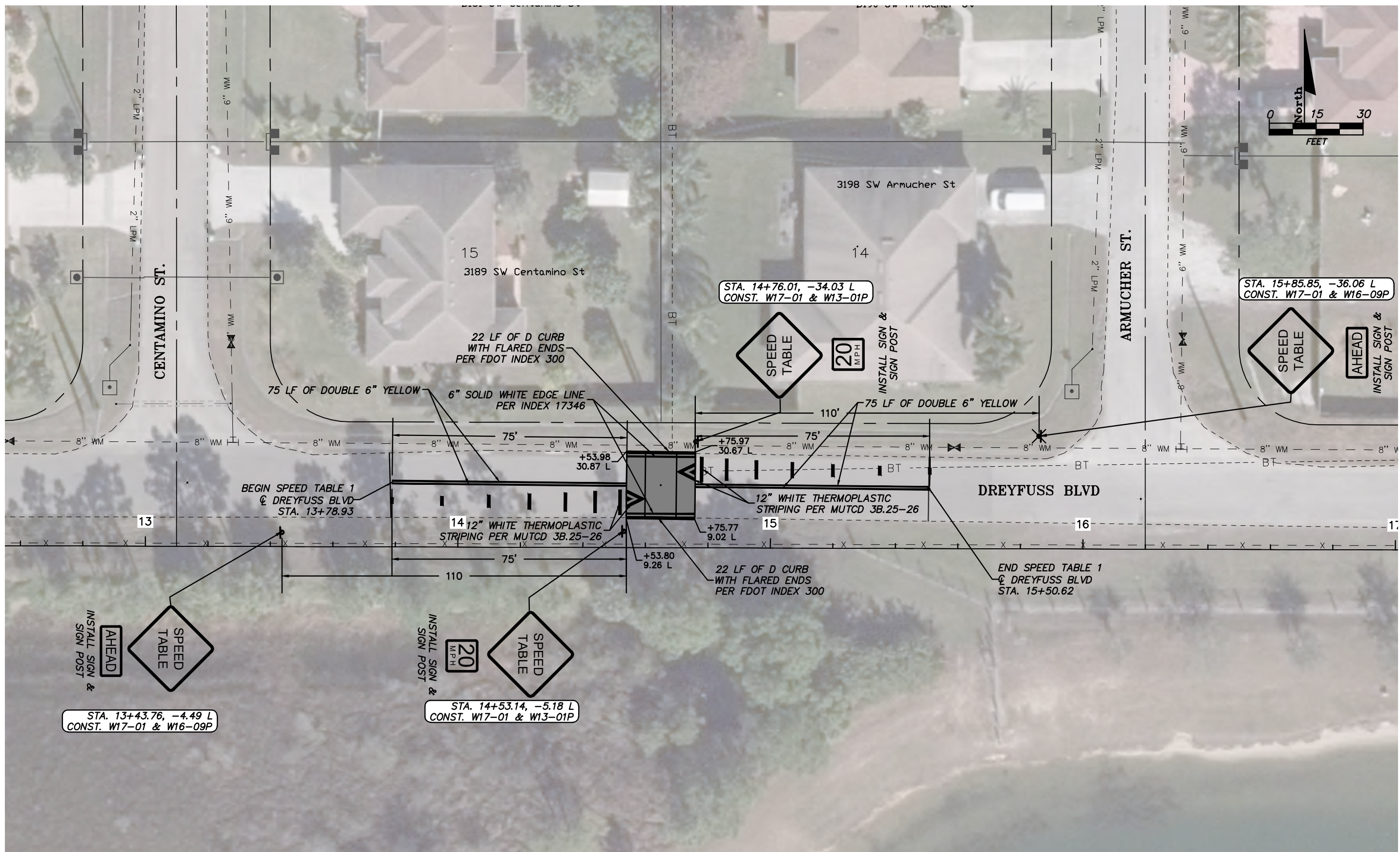
CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>PROJECT LAYOUT</b>

SHEET NO.
4

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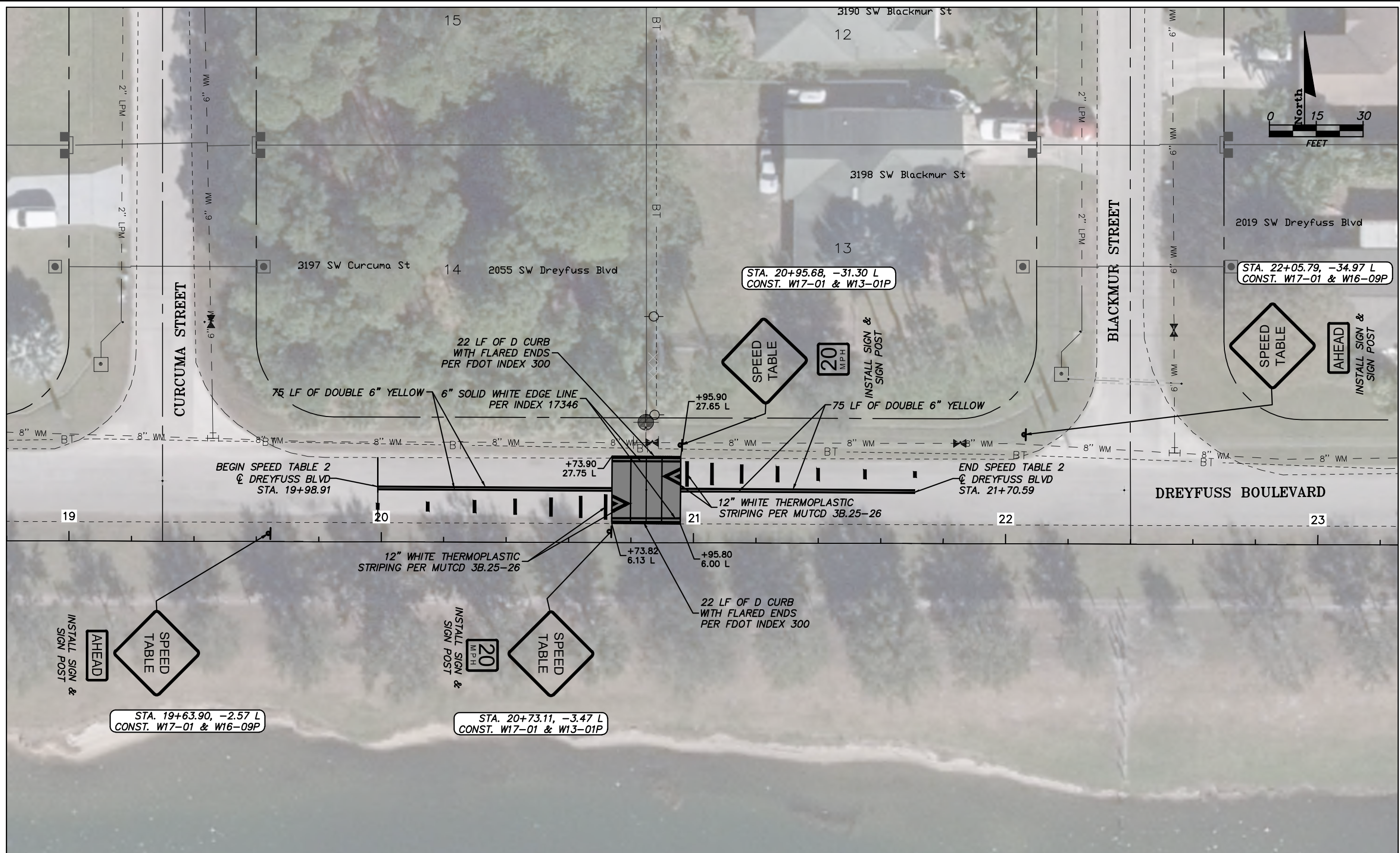
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CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE 1</b>

SHEET NO.
5

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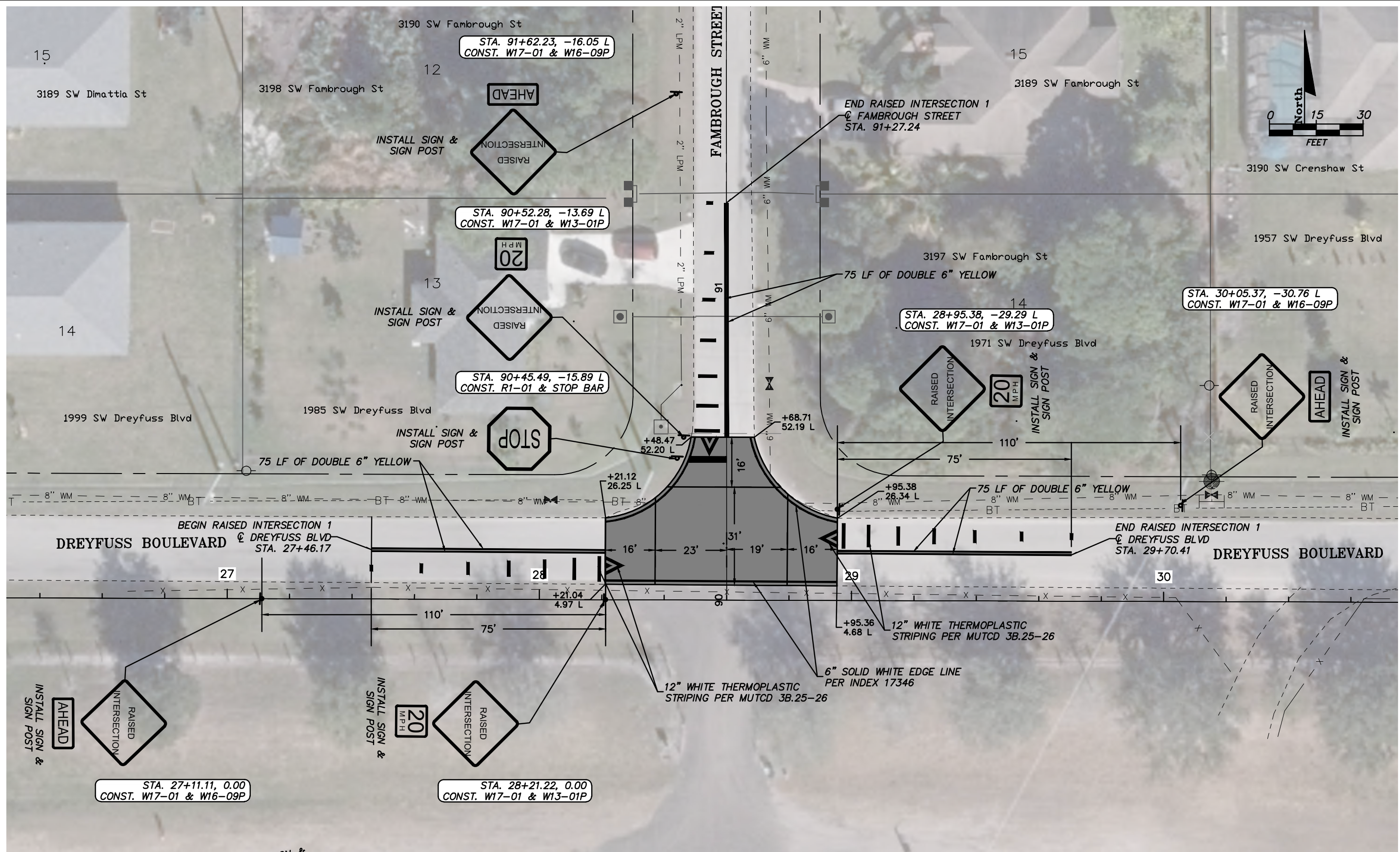
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CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE 2</b>

SHEET NO. 6
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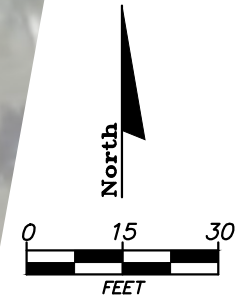
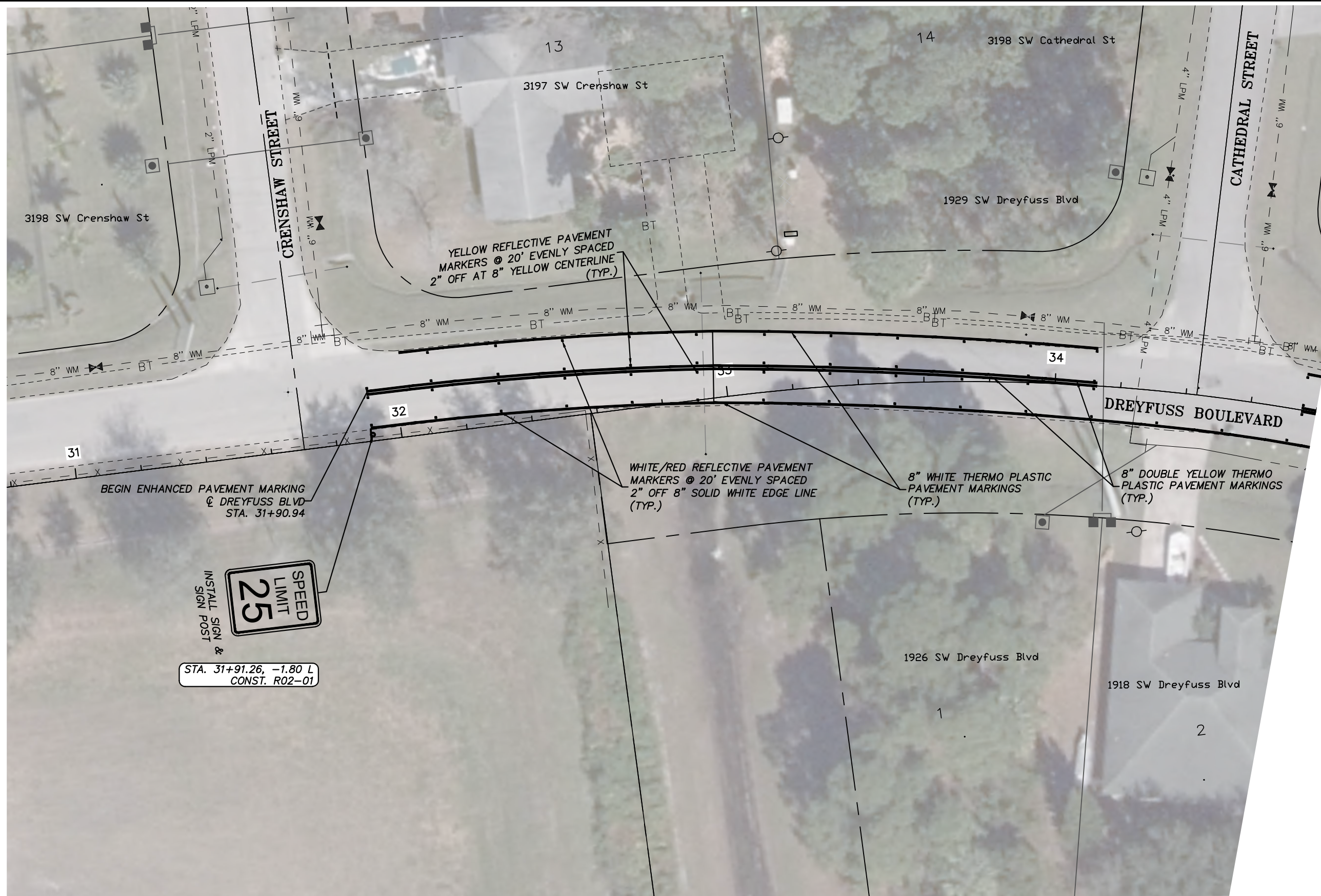
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PROJECT NAME DREYFUSS BLVD TRAFFIC CALMING PLANS	FINANCIAL PROJECT ID -----

<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>RAISED INTERSECTION 1</b>

SHEET NO. 7
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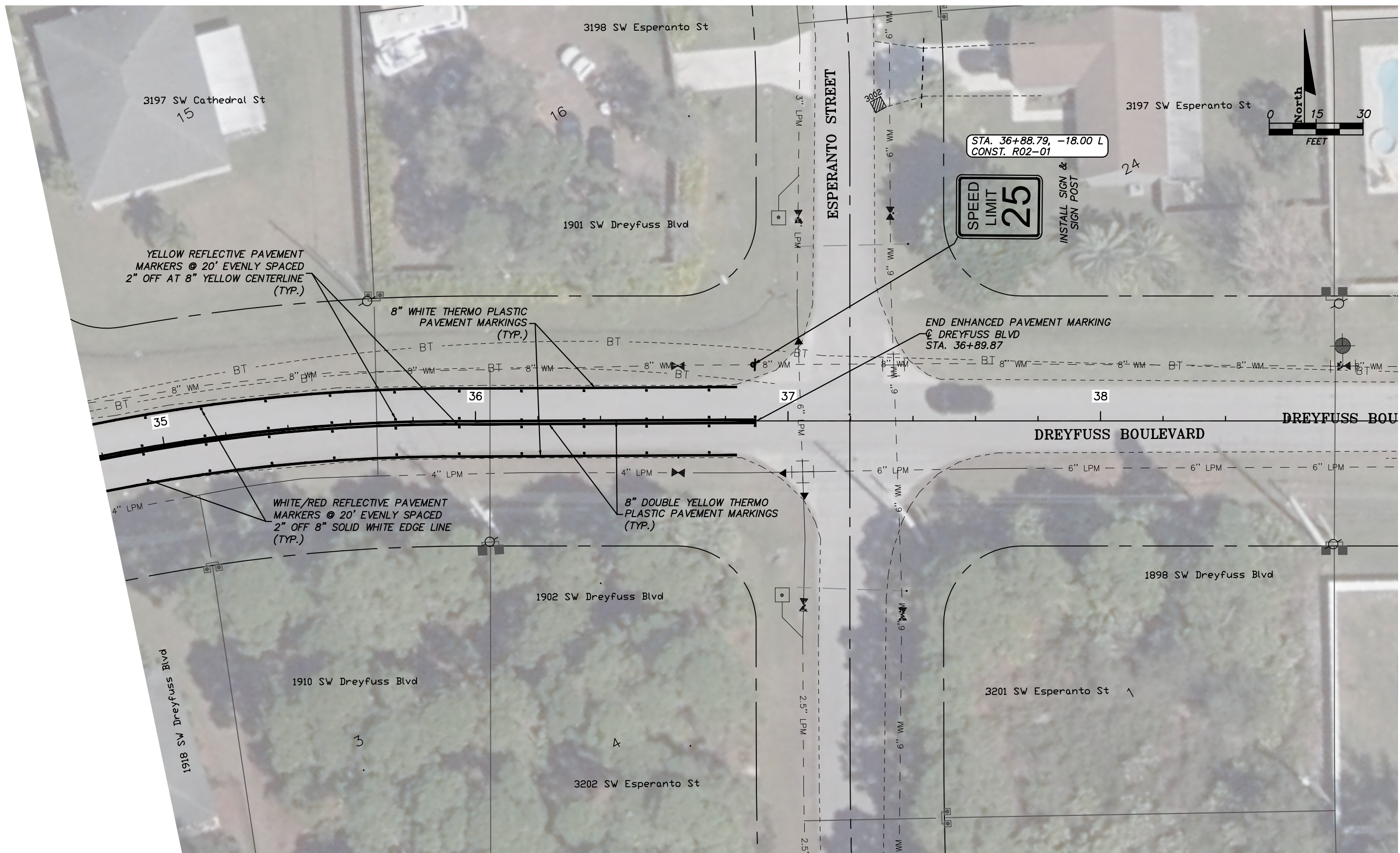
CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>SIGNING &amp; MARKING PLAN 2</b>

SHEET NO.
8



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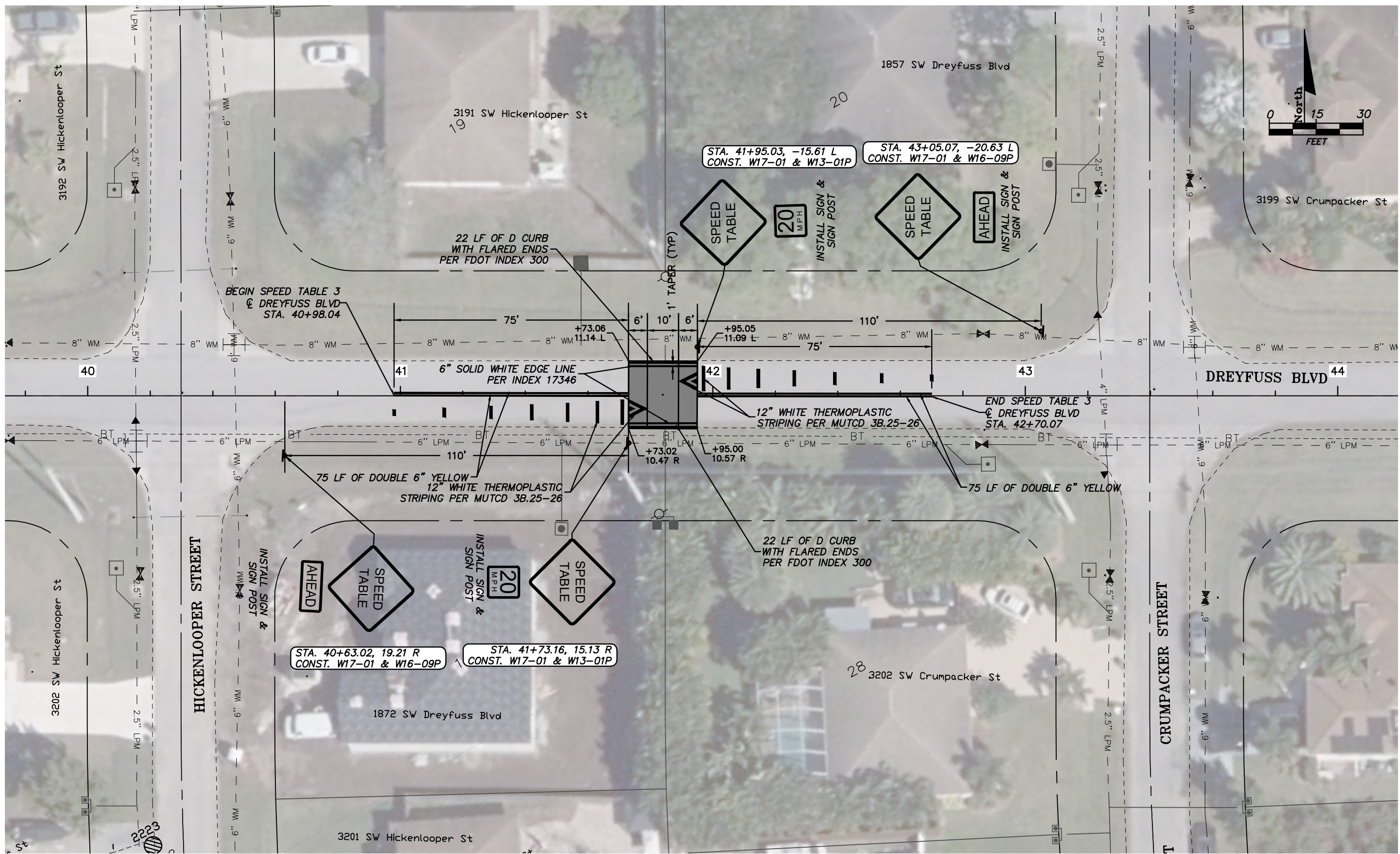
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CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

<b>TRAFFIC CALMING PLAN</b>	SHEET NO.
<b>SIGNING &amp; MARKING PLAN 2</b>	9

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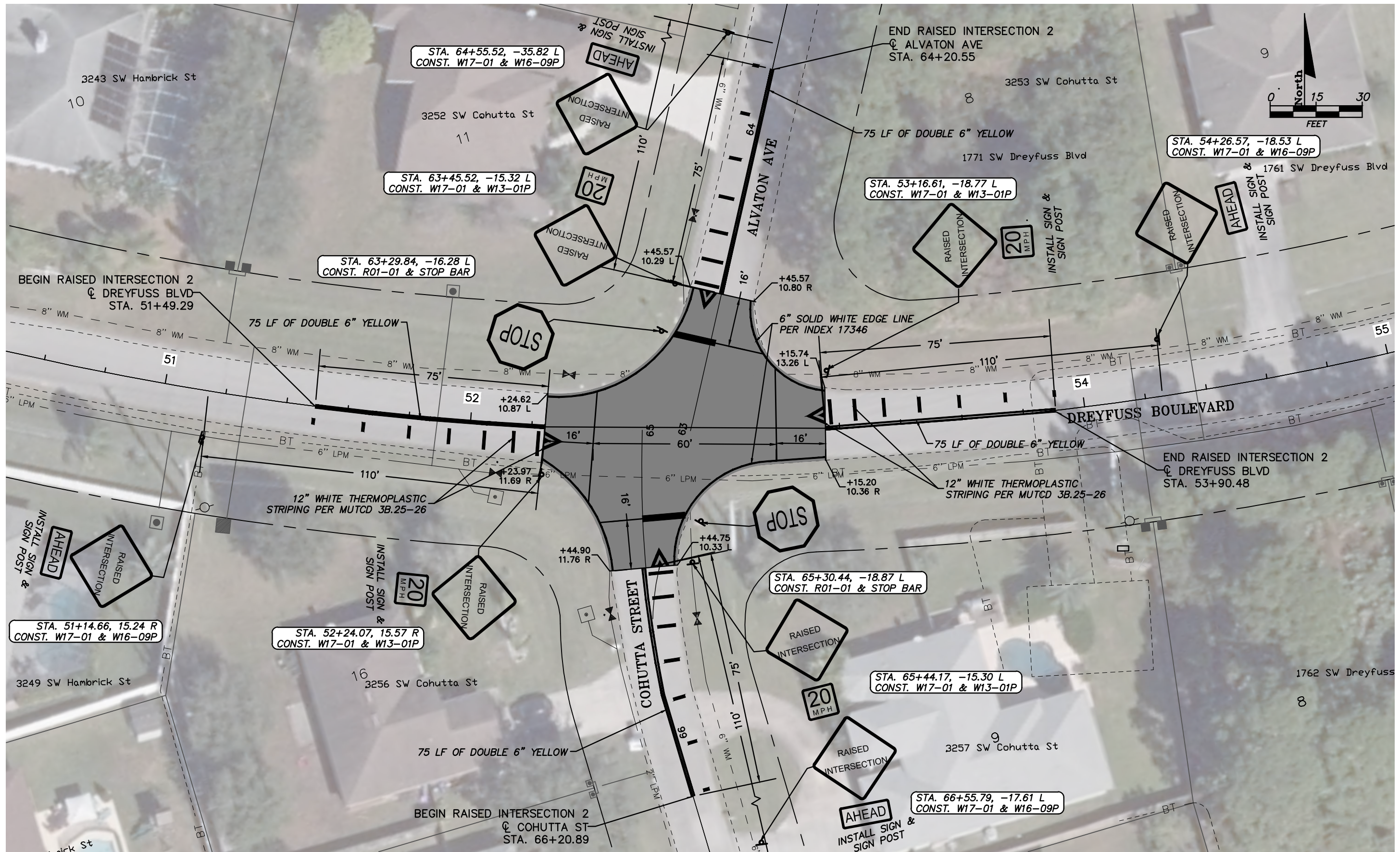
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DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE 3</b>

SHEET NO. 10
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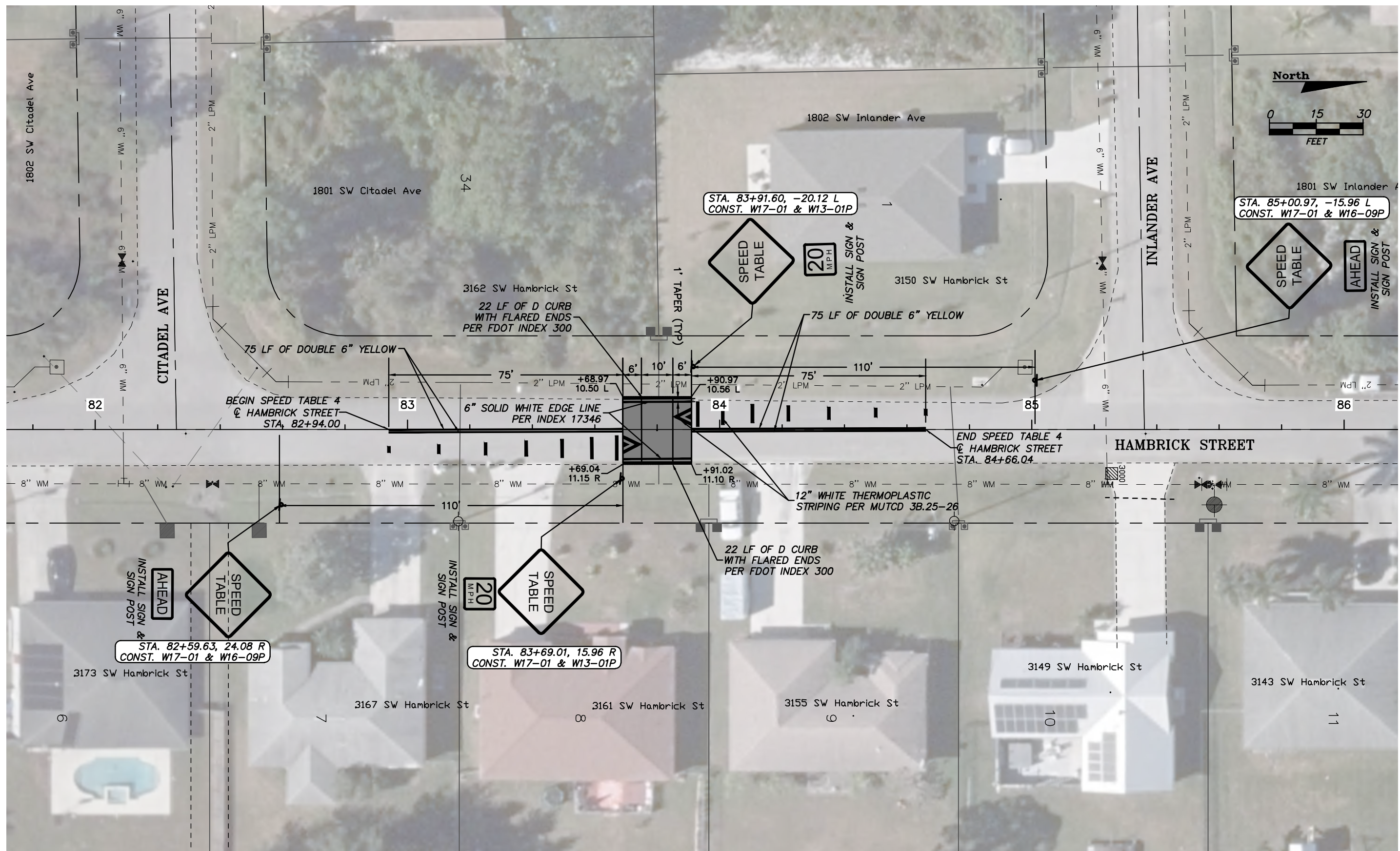
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<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE 4</b>

SHEET NO. 11
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P:\Proj\21-209-001 Dreyfuss Traffic Calming Design\Eng\21-209-001 Dreyfuss Base.dwg Plotted: 4/26/2023 10:32 AM By: KITHSIRI UDUGAMA



STEFAN K. MATTHES, P.E.  
FL. REG. NO. 38723

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

C&T JOB NO. 21-209-001	
DESIGNED BY SKM 4-10-23	DRAWN BY KU 4-13-23
CHECKED BY	CHECKED BY
ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723	

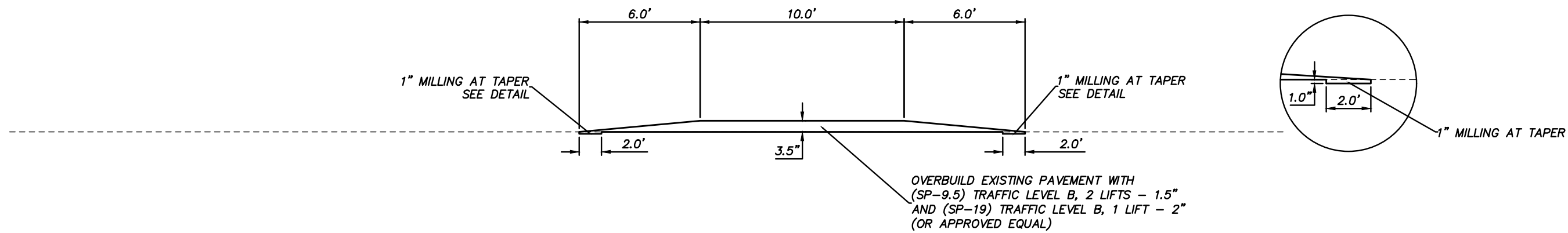
**CULPEPPER & TERPENING INC**  
 2980 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34981  
 PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com  
 STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE 4</b>

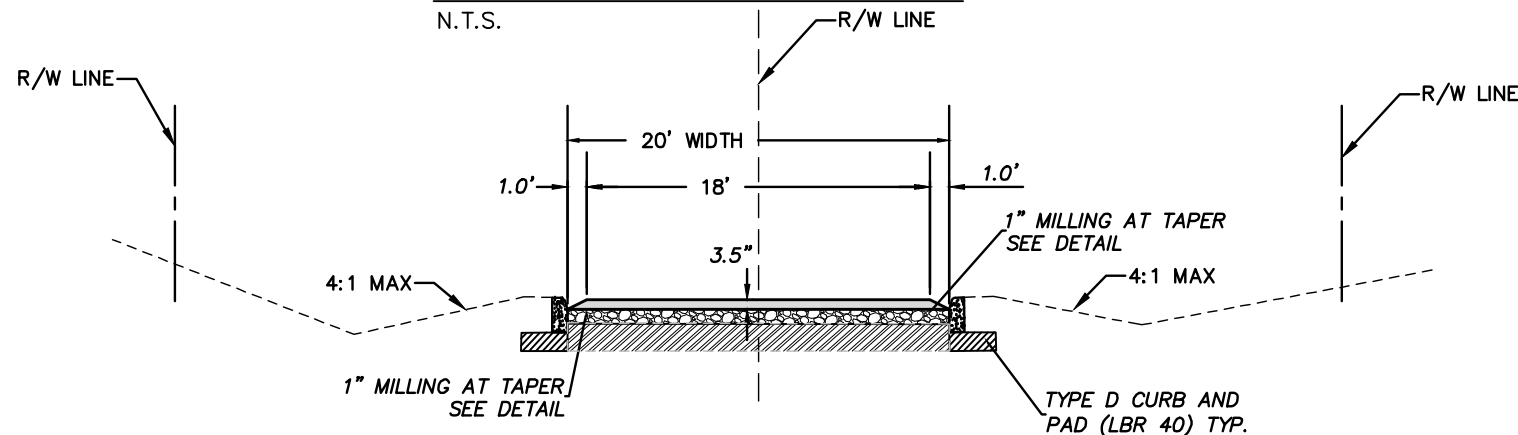
SHEET NO.
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P:\Proj-2021\21-209 P.S.L. - Traffic Calming Designs\Eng\21-209 Sunslow Traffic Calming Base.dwg Plotted: 4/26/2023 10:32 AM By: KITHSIRI UDUGAMA



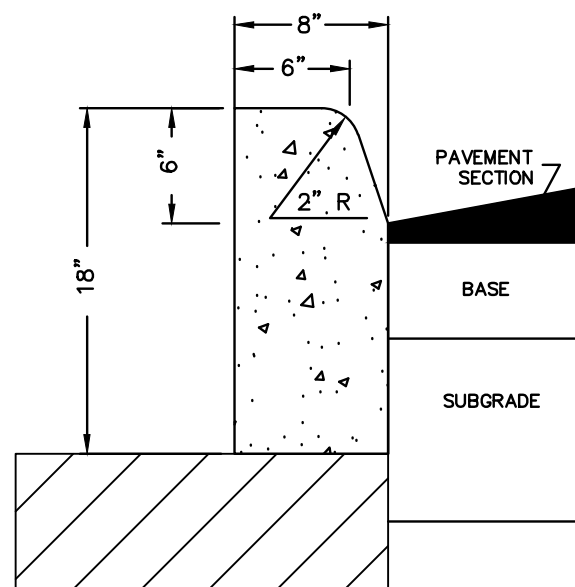
**SPEED TABLE PROFILE**

N.T.S.



**SPEED TABLE SECTION**

N.T.S. DESIGN SPEED=30 MPH



**TYPE "D" CURB**

N.T.S.

STEFAN K. MATTHES, P.E.  
FL. REG. NO. 38723

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

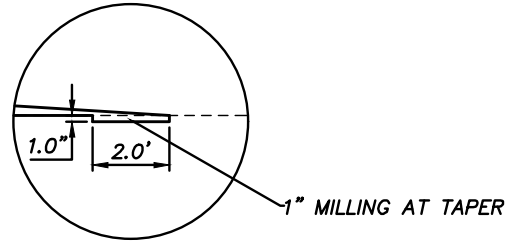
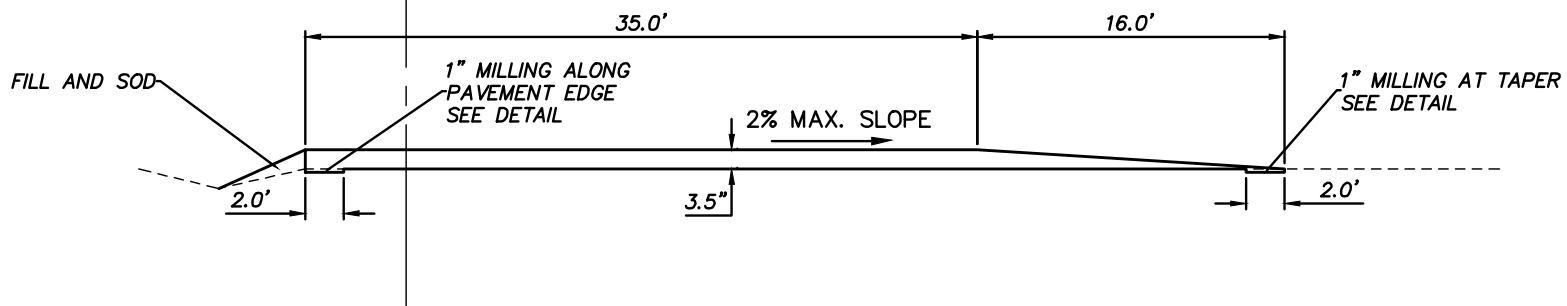
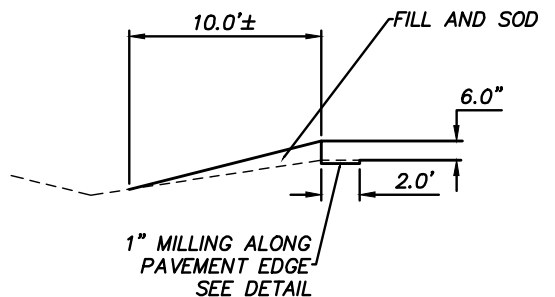
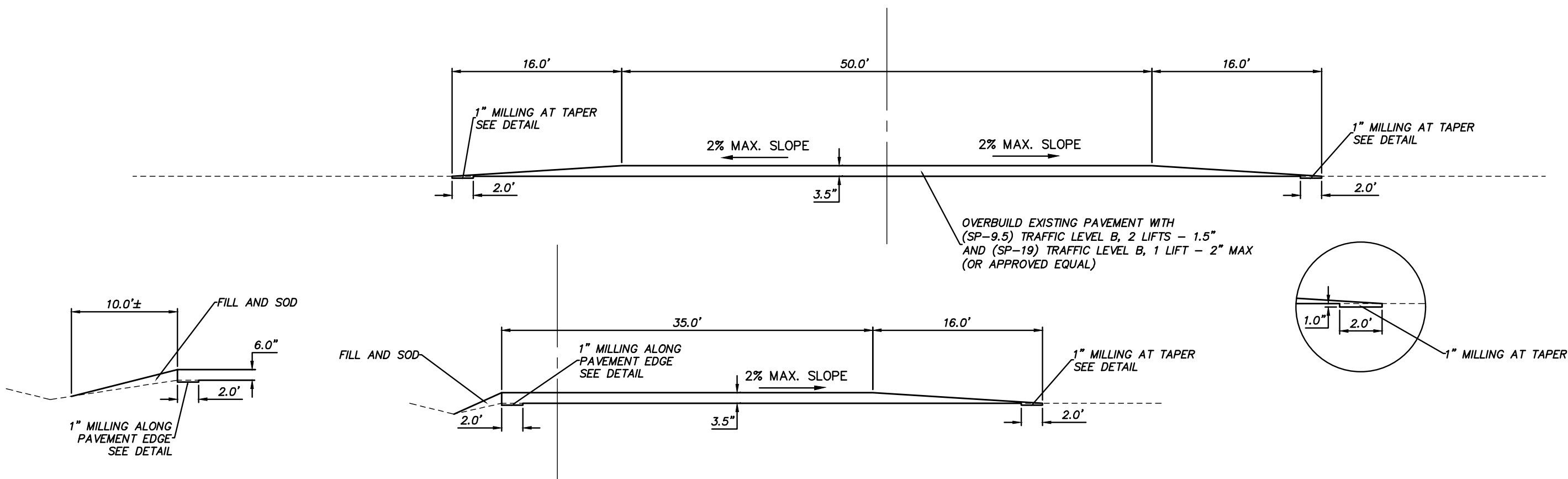
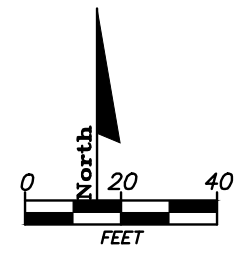
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DESIGNED BY SKM 8-19-22	DRAWN BY KU 8-25-22
CHECKED BY	CHECKED BY
ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723	

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STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

<b>DREYFUSS BLVD TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE TYPICAL DETAILS</b>

SHEET NO.
13



STEFAN K. MATTHES, P.E.  
FL. REG. NO. 38723

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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CHECKED BY	CHECKED BY
ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723	

CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DREYFUSS BLVD TRAFFIC CALMING PLANS	-----

DREYFUSS BLVD TRAFFIC CALMING PLANS	
RAISED INTERSECTION DETAILS	

SHEET NO.	14
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PLANS PREPARED FOR  
**CITY OF PORT ST. LUCIE, FLORIDA**  
**PUBLIC WORKS DEPARTMENT**

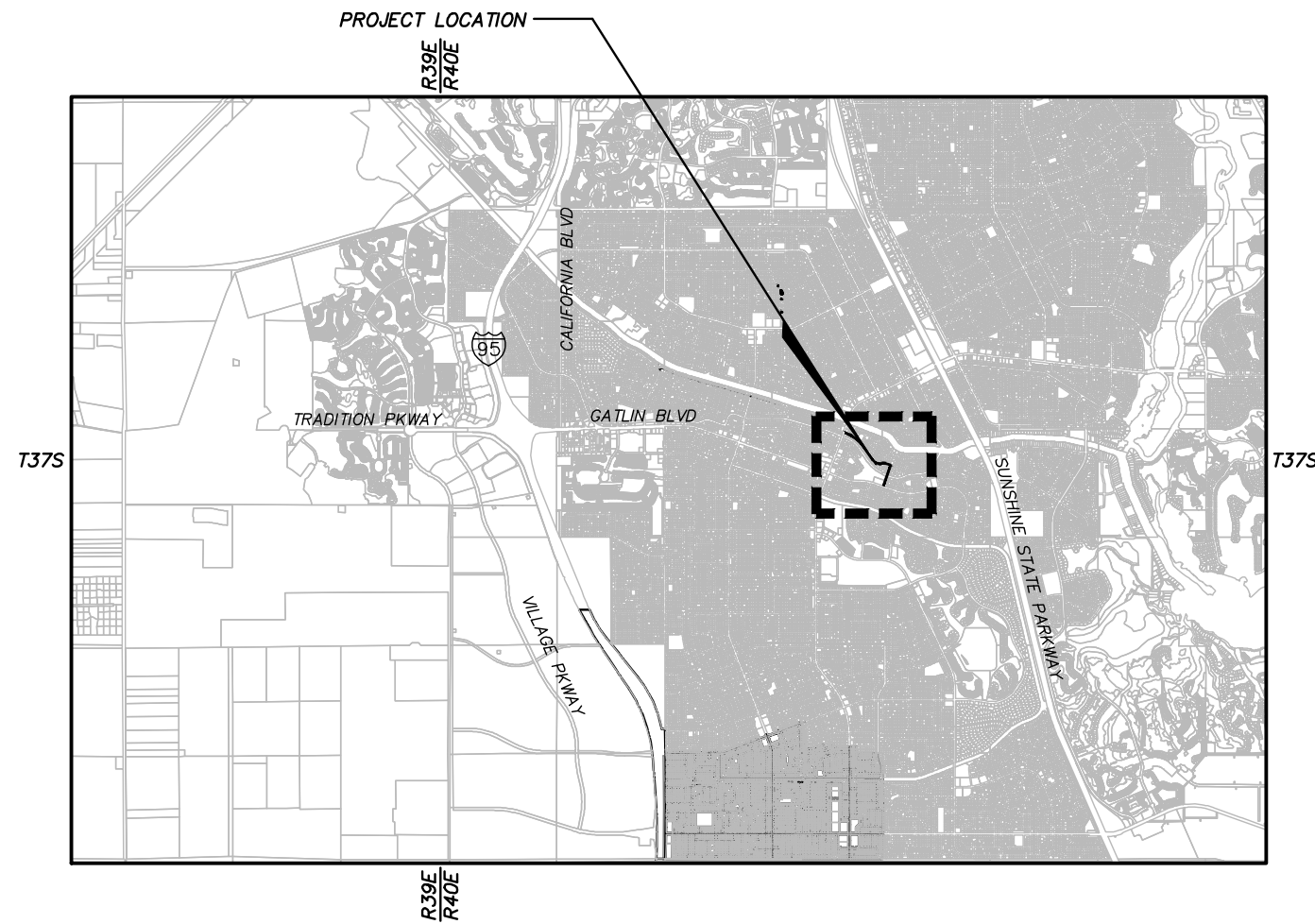
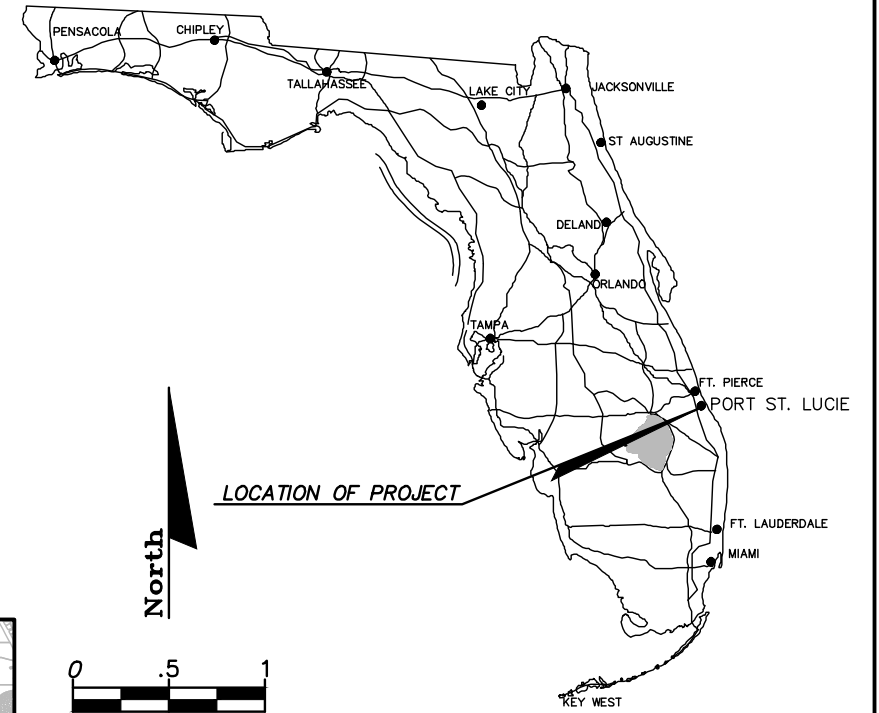
**CONTRACT PLANS**

SW DALTON CIRCLE  
 TRAFFIC CALMING PLANS

**COMPONENTS OF CONTRACT PLANS SET**  
 \* CONSTRUCTION PLANS

**INDEX OF PLANS**

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	GENERAL NOTES
3	SUMMARY OF PAY ITEMS
4	PROJECT LAYOUT
5-11	TRAFFIC CALMING PLAN SHEETS
12	RAISED INTERSECTION DETAILS
13	SPEED TABLE DETAILS



**GOVERNING STANDARD PLANS:**  
 Florida Department of Transportation, FY2023-24  
 Standard plans for Road and Bridge Construction and  
 applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated Irs  
 are available at the following website:  
<http://www.fdot.gov/design/Standardplans/>

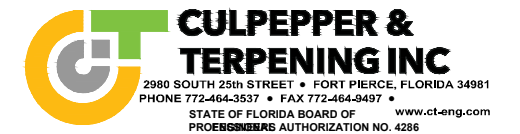
Standard Plans for Bridge Construction are included in  
 the Structures Plans Component.

**GOVERNING STANDARD SPECIFICATIONS:**  
 Florida Department of Transportation, July 2023 Standard  
 Specifications for Road and Bridge Construction at the  
 following website:  
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION SHOP DRAWINGS  
 TO BE SUBMITTED TO:

STEFAN K. MATTHES, PE  
 CULPEPPER & TERPENING, INC.  
 2980 SOUTH 25TH STREET  
 FORT PIERCE, FLORIDA 34981

PLANS PREPARED BY:



NOTE: THE SCALE OF THESE PLANS MAY  
 HAVE CHANGED DUE TO REPRODUCTION.

THIS DOCUMENT HAS BEEN DIGITALLY  
 SIGNED AND SEALED BY STEFAN K.  
 MATTHES, PE ON 04/28/2023 USING A  
 DIGITAL SIGNATURE. PRINTED COPIES OF  
 THIS DOCUMENT ARE NOT CONSIDERED  
 SIGNED AND SEALED AND THE SHA  
 AUTHENTICATION CODE MUST BE VERIFIED  
 ON ANY ELECTRONIC COPIES.

ROADWAY PLANS  
 ENGINEER OF RECORD: STEFAN K. MATTHES, P.E.  
 P.E. NO. : 38723

BID PLANS  
 APRIL 28, 2023

LENGTH OF PROJECT		
	LIN. FT.	MILES
ROADWAY	3,546 LF	0.67
BRIDGES	0 LF	0.00
NET LENGTH OF PROJ.	3,546 LF	0.67
EXCEPTIONS		
GROSS LENGTH OF PROJ.	3,546 LF	0.67

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

PROJECT MANAGER: HEATH STOCTON, P.E.

FISCAL YEAR	SHEET NO.
23	1

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE LATEST EDITION, INCLUDING ALL REVISIONS, OF THE FOLLOWING STANDARDS AND PUBLICATIONS:

- FDOT ROADWAY DESIGN STANDARDS
- FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
- FDOT STRUCTURES STANDARD INDEX

2. THE CONTRACTOR IS TO USE CAUTION WHEN CONSTRUCTING THE SPEED TABLES, SIGNS AND RAISED INTERSECTIONS TO AVOID ALL EXISTING UTILITIES, EXISTING LANDSCAPING FEATURES AND EXISTING DRAINAGE STRUCTURES.

3. PRIOR TO REMOVAL OF EXISTING PAVEMENT OR CONCRETE, SAW CUTS AT THE INTERFACES MUST BE MADE TO REDUCE THE RISK OF DAMAGE TO THE REMAINING SURFACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO PAVEMENT OR CONCRETE SURFACES. ALL DAMAGED AREAS MUST BE REPAIRED TO EXISTING CONDITIONS OR BETTER, AT THE COST OF THE CONTRACTOR, PRIOR TO FINAL PAYMENT.

4. ALL DISTURBED AREAS SHALL BE RESTORED TO EXISTING OR BETTER CONDITIONS. THE CONTRACTOR SHALL ONLY BE ENTITLED FOR PAYMENT OF AUTHORIZED AREAS WITHIN THE PROJECT WORK LIMITS. THE PROJECT WORK LIMITS SHALL BE ESTABLISHED BY THE CITY OF PORT ST. LUCIE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE UNNECESSARY DAMAGE. ALL DAMAGED AREAS OUTSIDE THE PROJECT WORK LIMITS MUST BE REPAIRED TO EXISTING CONDITIONS OR BETTER, AT THE COST OF THE CONTRACTOR, PRIOR TO FINAL PAYMENT. CONTRACTOR SHALL ALSO TAKE CARE TO AVOID SPRINKLER HEADS AND IRRIGATION LINES, UNLESS AFOREMENTIONED CANNOT BE AVOIDED IN WHICH CASE IRRIGATION LINES WILL BE CUT AND CAPPED AT THE R/W LINE.

5. PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 711. PAINT IS TO BE USED UNTIL ASPHALT HAS ADEQUATELY CURED FOR THERMOPLASTIC APPLICATION.

6. THE MAINTENANCE OF TRAFFIC PLAN (MOT) SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT INDEX (600 SERIES) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL FOR STREETS AND HIGHWAYS (MUTCD). IF THE STANDARD INDEX TYPICALS DO NOT APPLY TO THE MOT REQUIREMENTS OF THIS PROJECT, THE CONTRACTOR SHALL SUBMIT A SIGNED AND SEALED MOT FOR THE ENGINEER'S APPROVAL PRIOR TO THE WORK BEING PERFORMED. THE CONTRACTOR IS TO MAINTAIN DRIVEWAY ACCESS THROUGHOUT THE PROJECT DURING CONSTRUCTION.

7. CONTRACTOR SHALL MAINTAIN SILT FENCE IN PROJECT AREAS TO PREVENT SEDIMENT DISCHARGE FROM THE DISTURBED AREAS.

8. ANY KNOWN OR SUSPECT HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO HEATH STOCTON BY TELEPHONE (772) 871-5177, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECT HAZARDOUS MATERIAL FROM FURTHER ACCESS. THE PROJECT ENGINEER IS TO NOTIFY THE PROPER REGULATORY AUTHORITY OF THE DISCOVERY. THE PROPER REGULATORY AUTHORITY WILL ADVISE/DIRECT THE PROJECT ENGINEER IN THE INVESTIGATION, IDENTIFICATION AND/OR REMOVAL/REMEDICATION OF THE MATERIAL IN QUESTION AS NEEDED. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF SUSPECTED CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER, THE REGULATORY AUTHORITY WILL ADVISE THE PROJECT ENGINEER IN THESE MATTERS.

9. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY OF THE REQUEST TO HEATH STOCTON OF THE CITY OF PORT ST. LUCIE PUBLIC WORKS DEPARTMENT BY TELEPHONE (772) 871-5177. THE CONTRACTOR SHALL PROVIDE HEATH STOCTON WITH A COPY OF THE SAFETY DATA SHEET (SDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE, AND PROVIDE A DESCRIPTION OF THE SPECIFIC MANNER IN WHICH THE MATERIAL WILL BE USED. THE PROJECT ENGINEER SHALL COORDINATE WITH HEATH STOCTON PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AS HAZARDOUS MATERIALS, SUCH PRODUCTS DO NOT REQUIRE AN SDS SUBMITTAL. ALL BULK PETROLEUM PRODUCTS STORED ON SITE SHALL REQUIRE PROPER STORAGE WHICH INCLUDES SECONDARY CONTAINMENT.

10. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (1-800-432-4770) AND UTILITY OWNERS LISTED BELOW IN TWO BUSINESS DAYS (OR 10 DAYS IF ON THE JOB SITE)

COMPANY	CONTACT	TEL. NO.
AT&T	MARK GUTIERREZ	(772) 460 4443
COMCAST CABLE	RICK JOHNSON	(561) 402-4513
FLORIDA CITY GAS	BOCK KREINHAGEN	(321) 638-3419
FLORIDA POWER & LIGHT, CO.	DIANA VILLEGAS	(772) 337-7011
PSLUSD	STEVE HARNAGE	(772) 873-6420
PSL Traffic Division	NICK DIBENEDETTO	(772) 871-5015

11. WORK HOURS ARE FROM 7:00 AM TO DUSK, MONDAY-FRIDAY. WORK WILL NOT BE ALLOWED ON WEEKENDS OR HOLIDAYS OBSERVED BY THE CITY OF PORT ST. LUCIE UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE CITY. THE CONTRACTOR MUST RECEIVE WRITTEN PERMISSION FROM THE CITY AND PROVIDE AN APPROVED MOT PLAN BEFORE ANY LANE CLOSURES OCCUR. ANY WORK ALLOWED AND COMMENCING AFTER DUSK SHALL REQUIRE A NOISE PERMIT WHICH CAN BE OBTAINED FROM THE CITY OF PORT ST. LUCIE POLICE DEPARTMENT AT NO CHARGE.

12. THE CONTRACTOR SHALL COORDINATE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREAS ASSOCIATED WITH THIS PROJECT WITH HEATH STOCTON (772) 871-5177.

13. ALL WORK FOR THIS PROJECT WILL BE COMPLETED WITHIN AND FROM THE EXISTING RIGHT-OF-WAY.

14. SOD REPLACED BY THE CONTRACTOR MUST BE THE SAME TYPE AS THAT WAS REMOVED, UNLESS OTHERWISE APPROVED BY THE ENGINEER. ALL SOD SHALL MATCH EXISTING. THE SOD STRIPS SHALL BE LAID IN A STAGGERED PATTERN WITH SNUG EVEN JOINTS. ALL JOINTS SHALL BE BUTTED TIGHT TO PREVENT VOIDS.

STEFAN K. MATTHES, P.E.  
FL. REG. NO. 38723

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REVISIONS						C&T JOB NO. 21-209		 <b>CULPEPPER &amp; TERPENING INC</b> 2980 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34981 PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286	CITY OF PORT ST. LUCIE PUBLIC WORKS DEPARTMENT PROJECT NAME DALTON CIRCLE TRAFFIC CALMING PLANS	DALTON CIRCLE TRAFFIC CALMING PLANS	SHEET NO. 2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DESIGNED BY	DRAWN BY				
						SKM	KU	8-19-22			
						CHECKED BY	CHECKED BY				
						ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723					



## DALTON TRAFFIC CALMING FOUR SPEED TABLES/ONE RAISED INTERSECTION QUANTITIES

4/28/2023

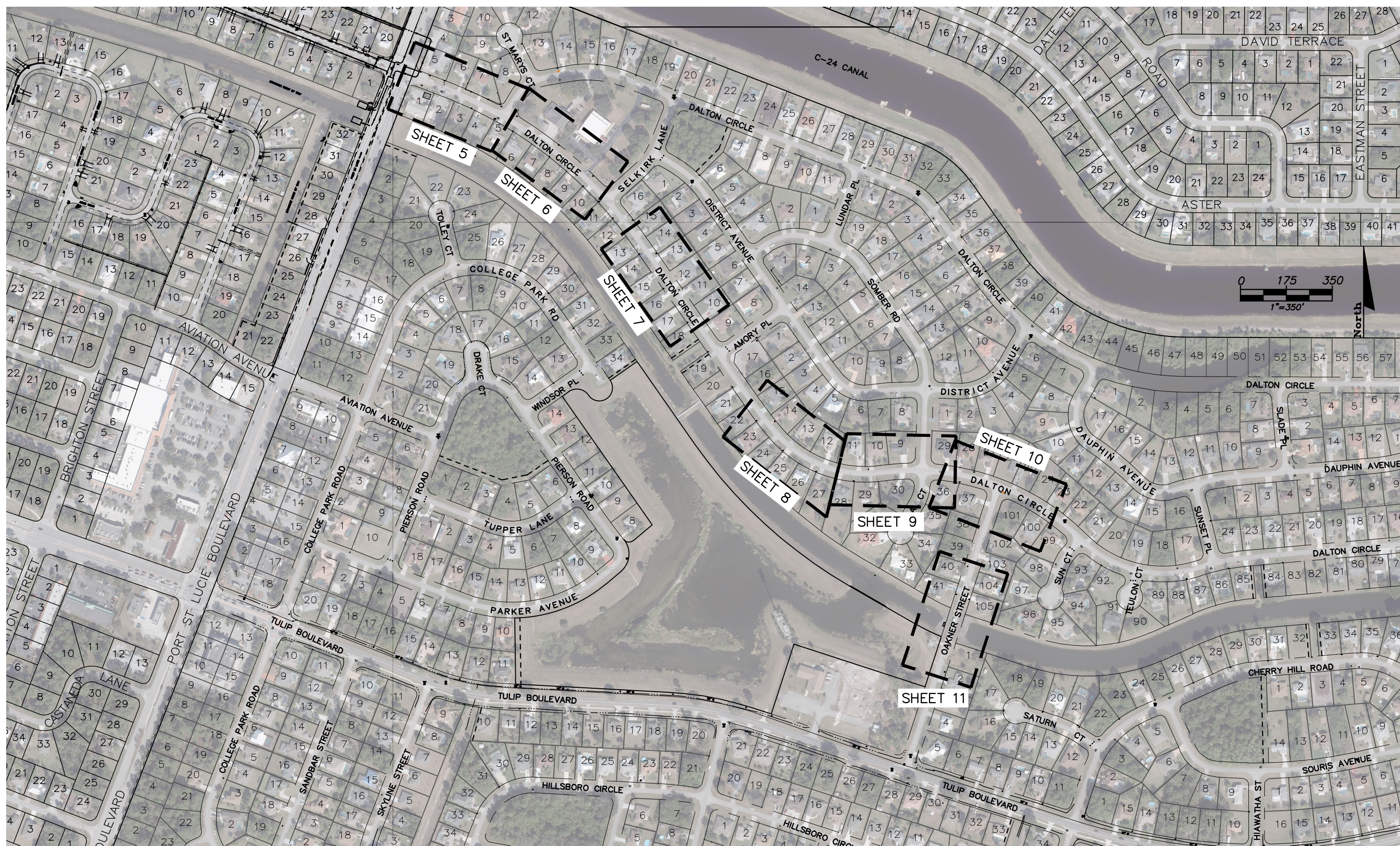
	FDOT ITEM No.	DESCRIPTION	UNIT	QUANTITY
1	101-1A	MOBILIZATION/GENERAL CONDITIONS/BONDS/PERMIT FEES	LS	1
2	101-1B	PRE-CONSTRUCTION VIDEO	LS	1
3	102-1	MAINTENANCE OF TRAFFIC	LS	1
4	104-10-3	SEDIMENT BARRIER	LF	732
5	104-18	INLET PROTECTION SYSTEM	EA	12
6	110-1	CLEARING & GRUBBING	AC	0.1
7	120-6A	EMBANKMENT	LS	1
8	327-70-1	MILLING EXISTING ASPH PAVT, 1" AVG DEPTH	SY	121
9	334-1-12A	SUPERPAVE ASPHALTIC CONC. TRAFFIC B (SP-12.5) (2 LIFTS)	TON	85.4
10	520-2-2	CONCRETE CURB TYPE D	LF	176
11	570-1-2	PERFORMANCE TURF, SOD	SY	325
12	700-1-11A	SINGLE POST SIGN, F&I GM, < 12 SF (SPEED TABLE/AHEAD)	EA	8
13	700-1-11B	SINGLE POST SIGN, F&I GM, < 12 SF (SPEED TABLE/20 MPH)	EA	8
14	700-1-11C	SINGLE POST SIGN, F&I GM, < 12 SF (RAISED INTERSECTION/AHEAD)	EA	3
15	700-1-11D	SINGLE POST SIGN, F&I GM, < 12 SF (RAISED INTERSECTION/20 MPH)	EA	3
16	700-1-11C	SINGLE POST SIGN, F&I GM, < 12 SF (STOP)	EA	1
17	700-1-11D	SINGLE POST SIGN, F&I GM, < 12 SF (25 MPH SPEED LIMIT)	EA	1
18	706-3	RETROREFLECTIVE RAISED PAVEMENT MARKERS	EA	256
19	711-11-121	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF	278
20	711-11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	LF	2,490
21	711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" (ADVANCE LINES)	LF	385
22	711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	10
23	711-11-160A	THERMOPLASTIC, STANDARD, WHITE, 12" (TABLE CHEVERONS)	EA	11
24	711-11-221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	1,050
25	711-11-222	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 8"	LF	2,660

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	PROJECT NAME		3		
							DALTON CIRCLE TRAFFIC CALMING PLANS			


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FL. REG. NO. 38723

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

C&T JOB NO. 15-062	
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ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723	



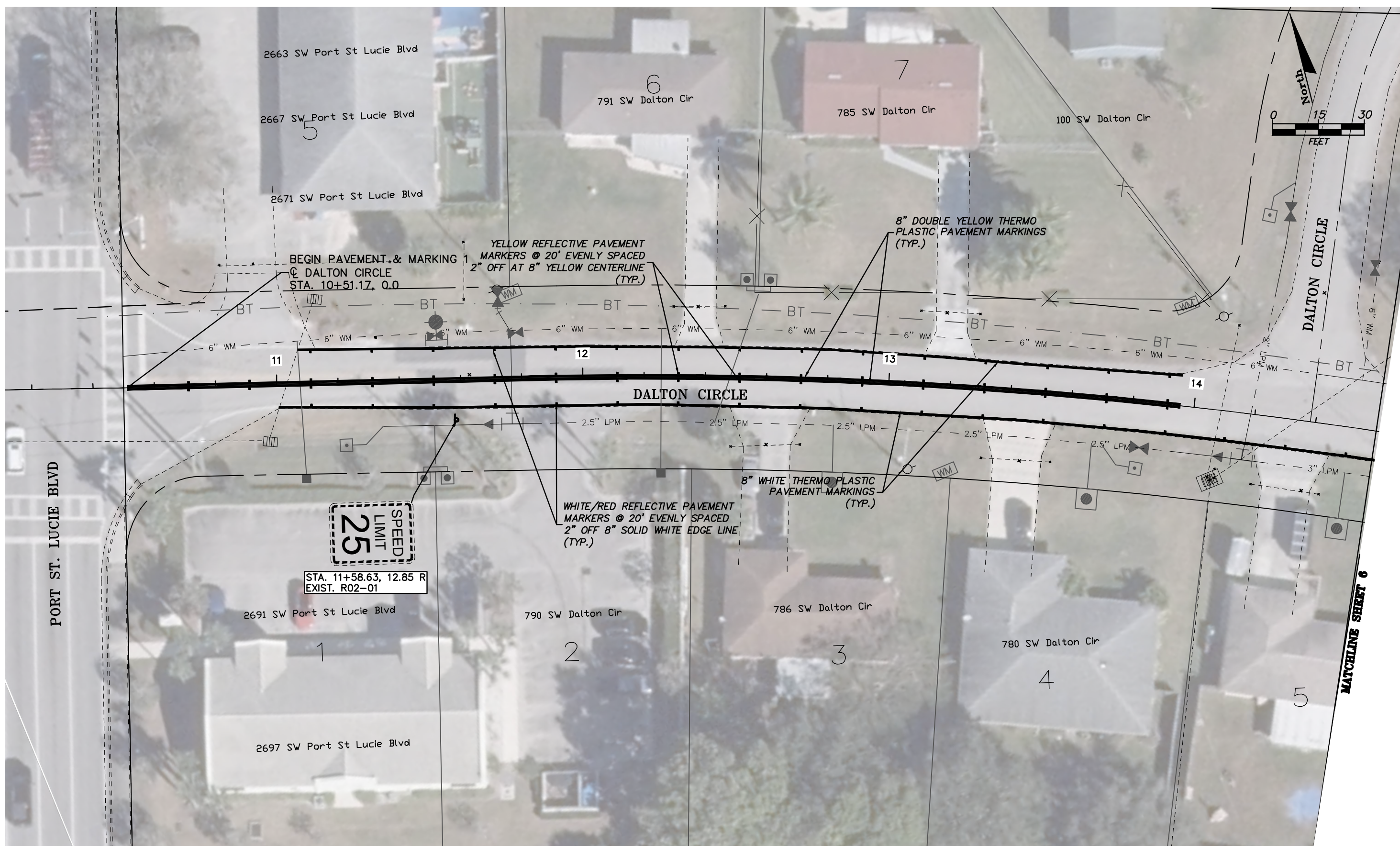
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CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DALTON CIRCLE TRAFFIC CALMING PLANS	-----

<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>PROJECT LAYOUT</b>

SHEET NO.
4


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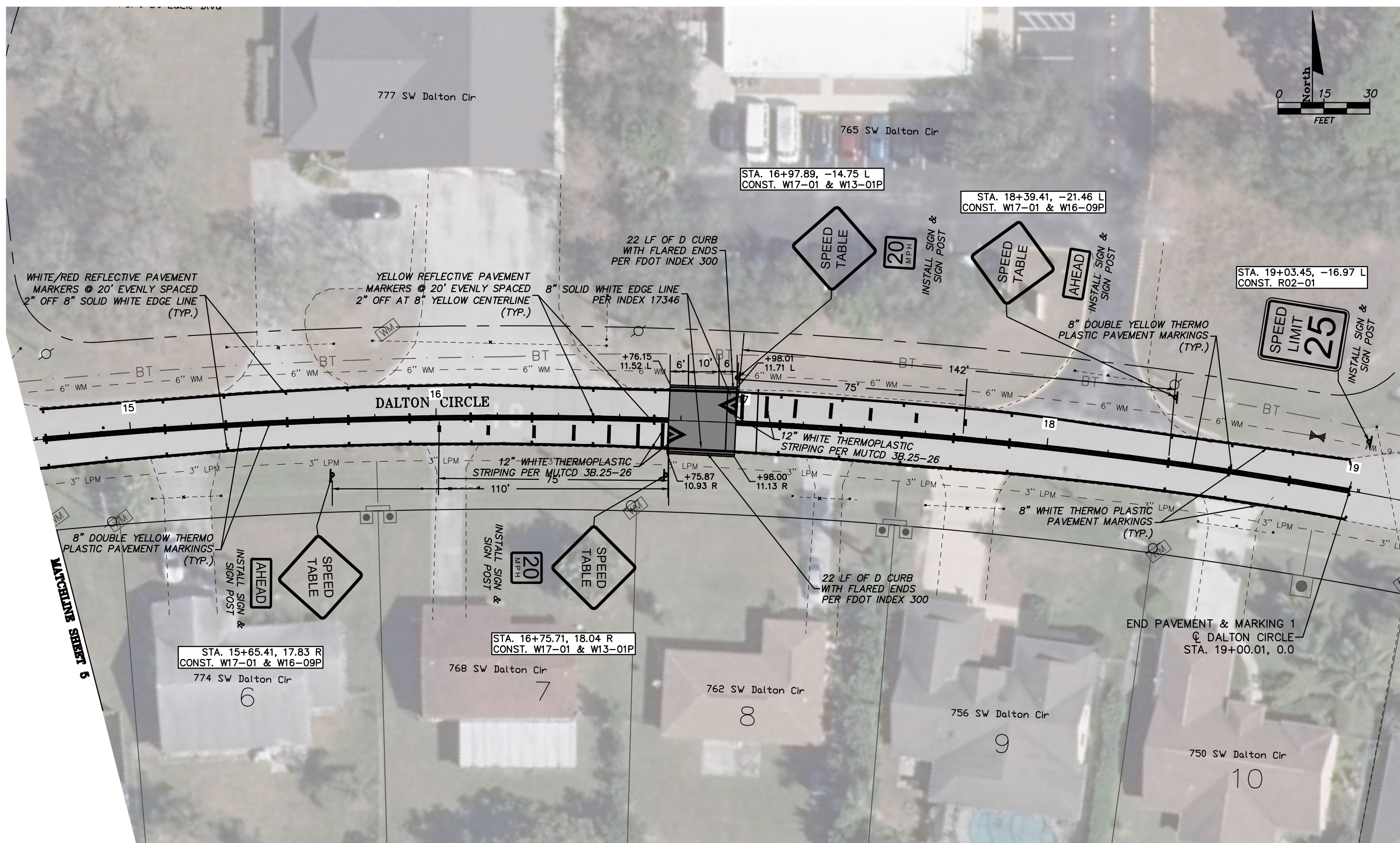
CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DALTON CIRCLE TRAFFIC CALMING PLANS	-----

<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>SIGNING &amp; PAVEMENT MARKING 1</b>

SHEET NO.
5

MATCHLINE SHEET 6

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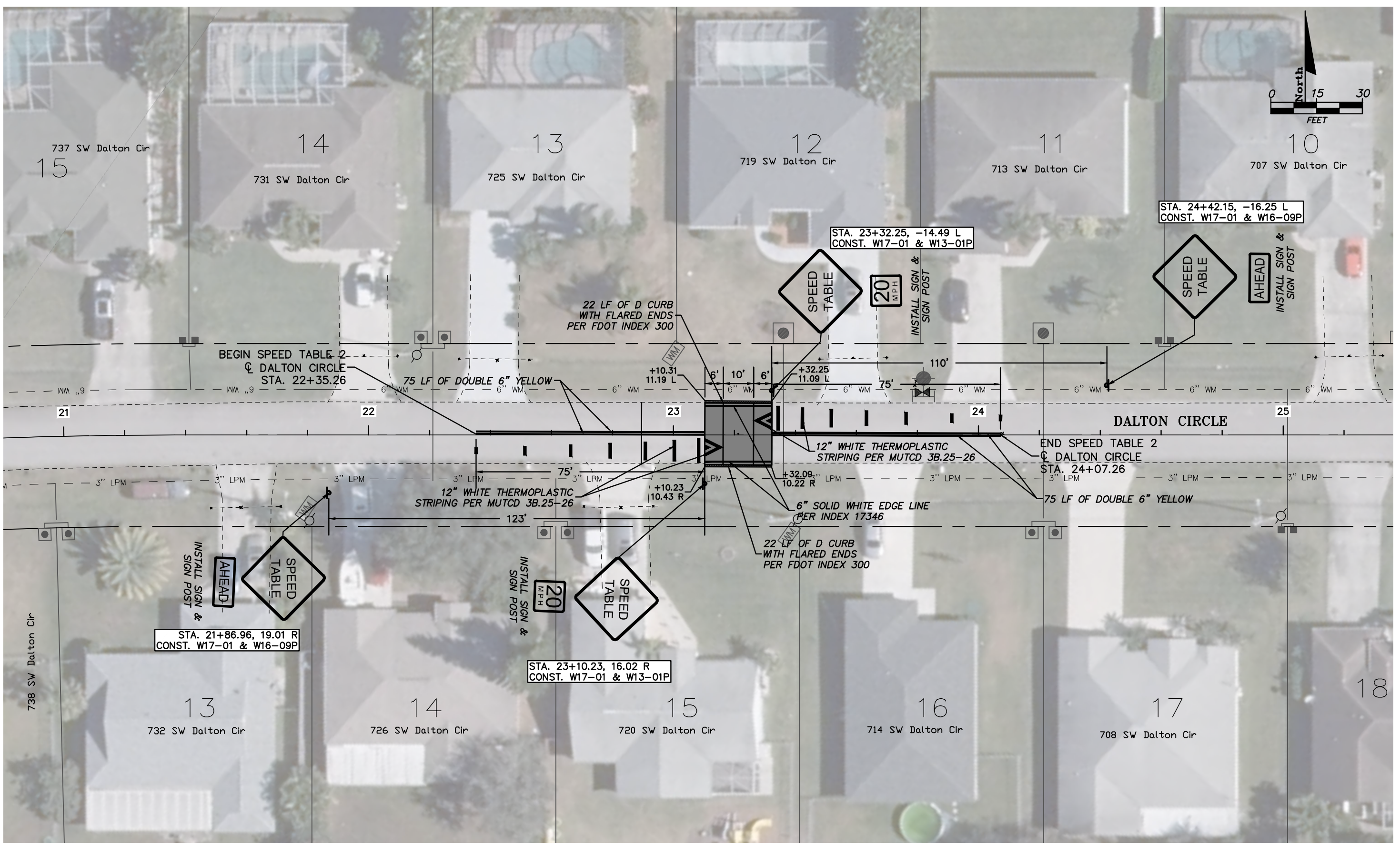
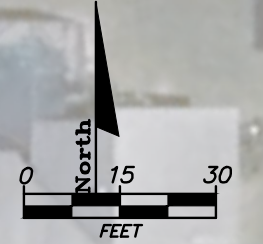
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<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE 1</b>

SHEET NO.
6



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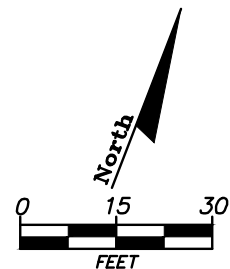
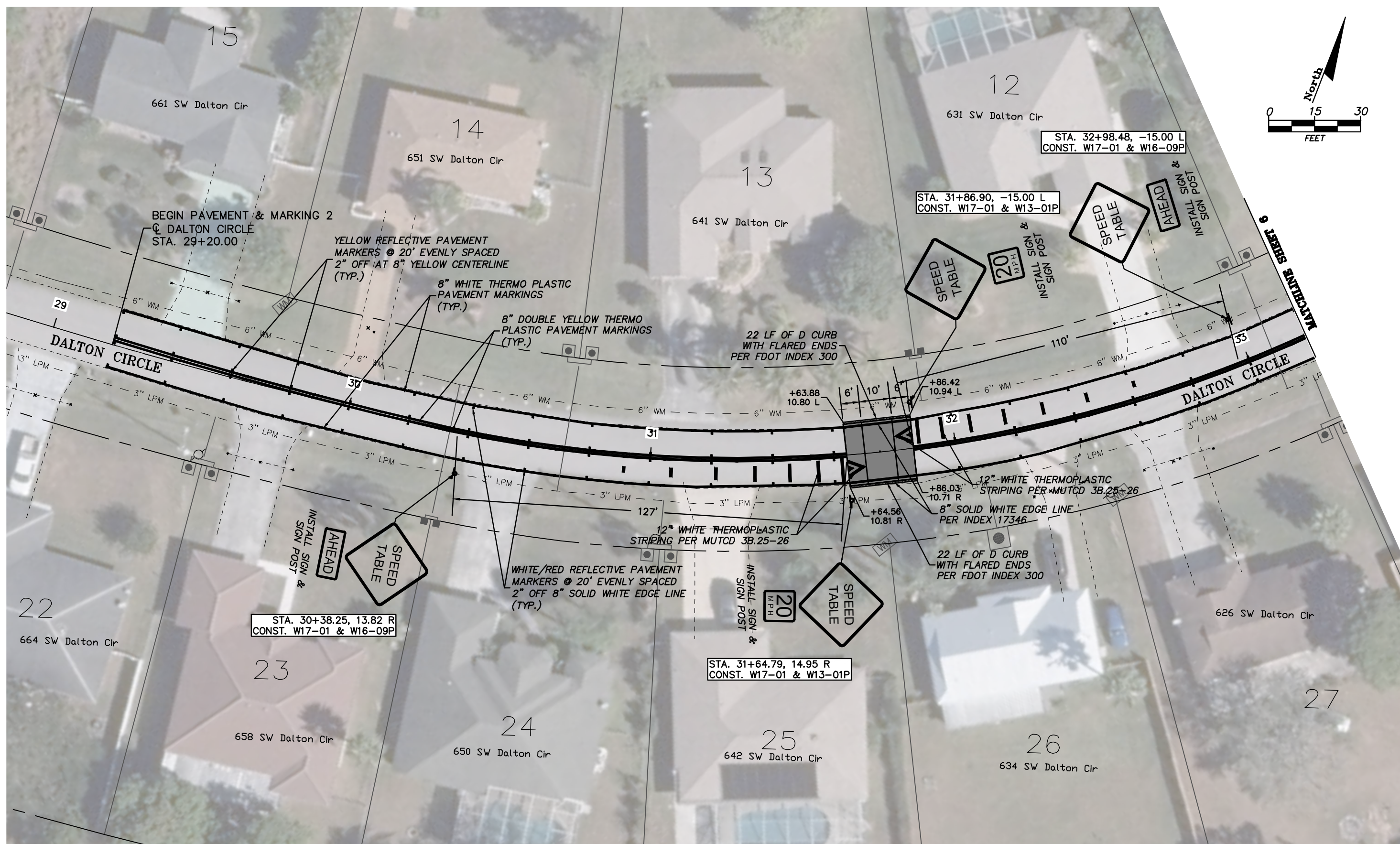
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<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE 2</b>

SHEET NO.
7

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STEFAN K. MATTHES, P.E.  
FL. REG. NO. 38723

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

C&T JOB NO. 15-062	
DESIGNED BY SKM 10-13-15	DRAWN BY DRP 10-13-15
CHECKED BY	CHECKED BY
ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723	

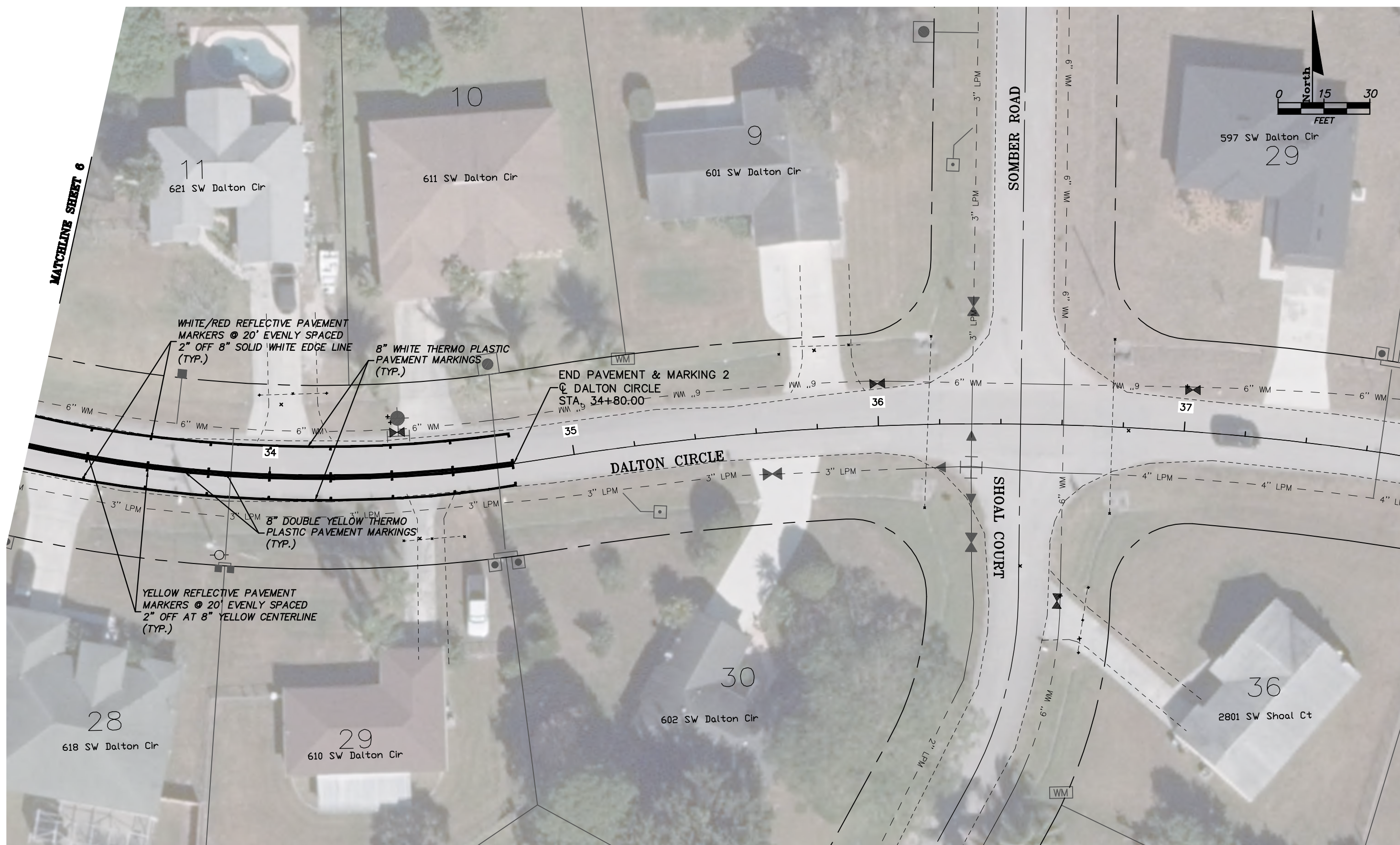
**CULPEPPER & TERPENING INC**  
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STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DALTON CIRCLE TRAFFIC CALMING PLANS	-----

<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE 3</b>

SHEET NO.
8

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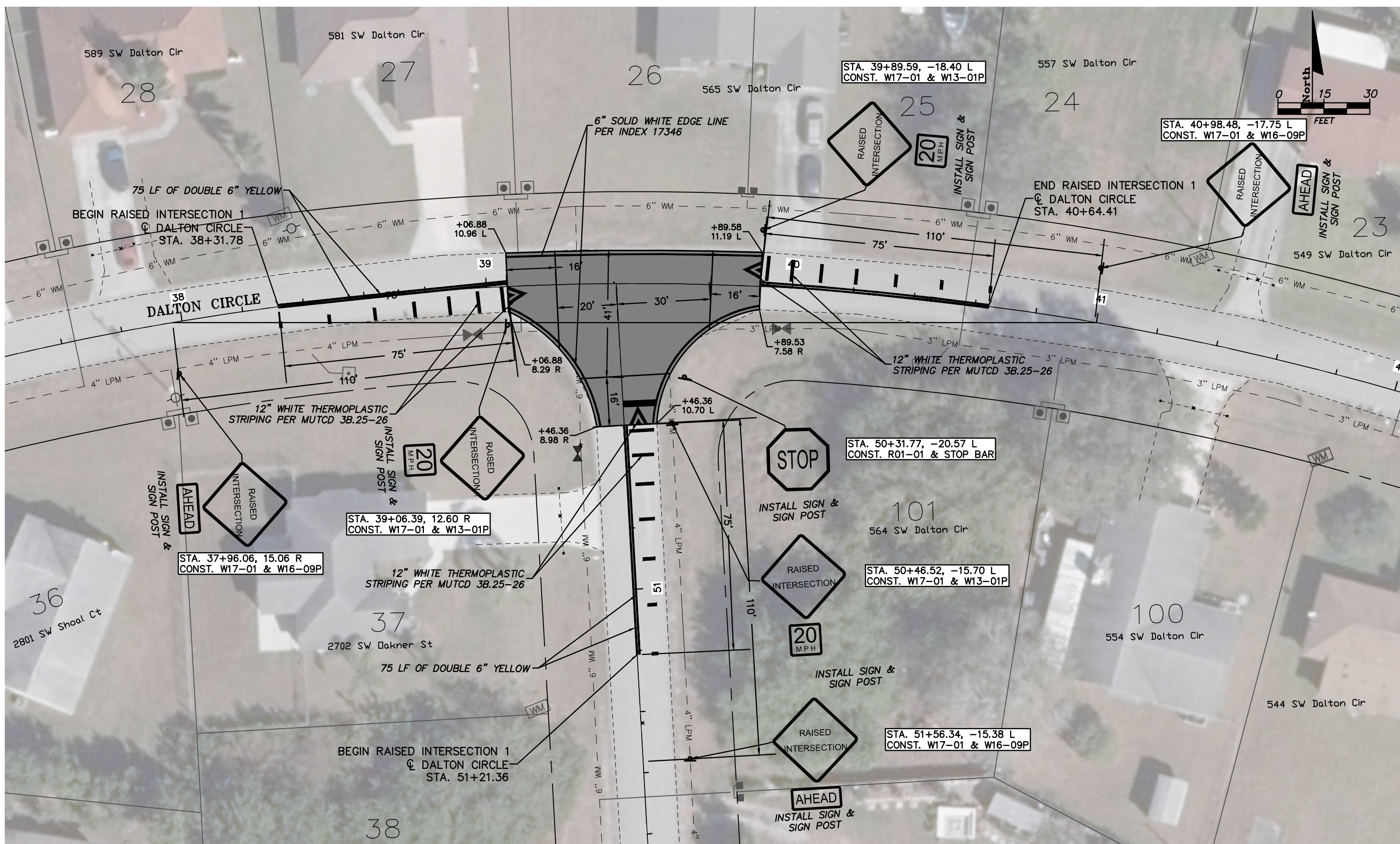
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<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>SIGNING &amp; PAVEMENT MARKING 2</b>

SHEET NO.
9



STEFAN K. MATTHES, P.E.  
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REVISIONS					
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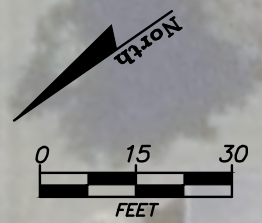
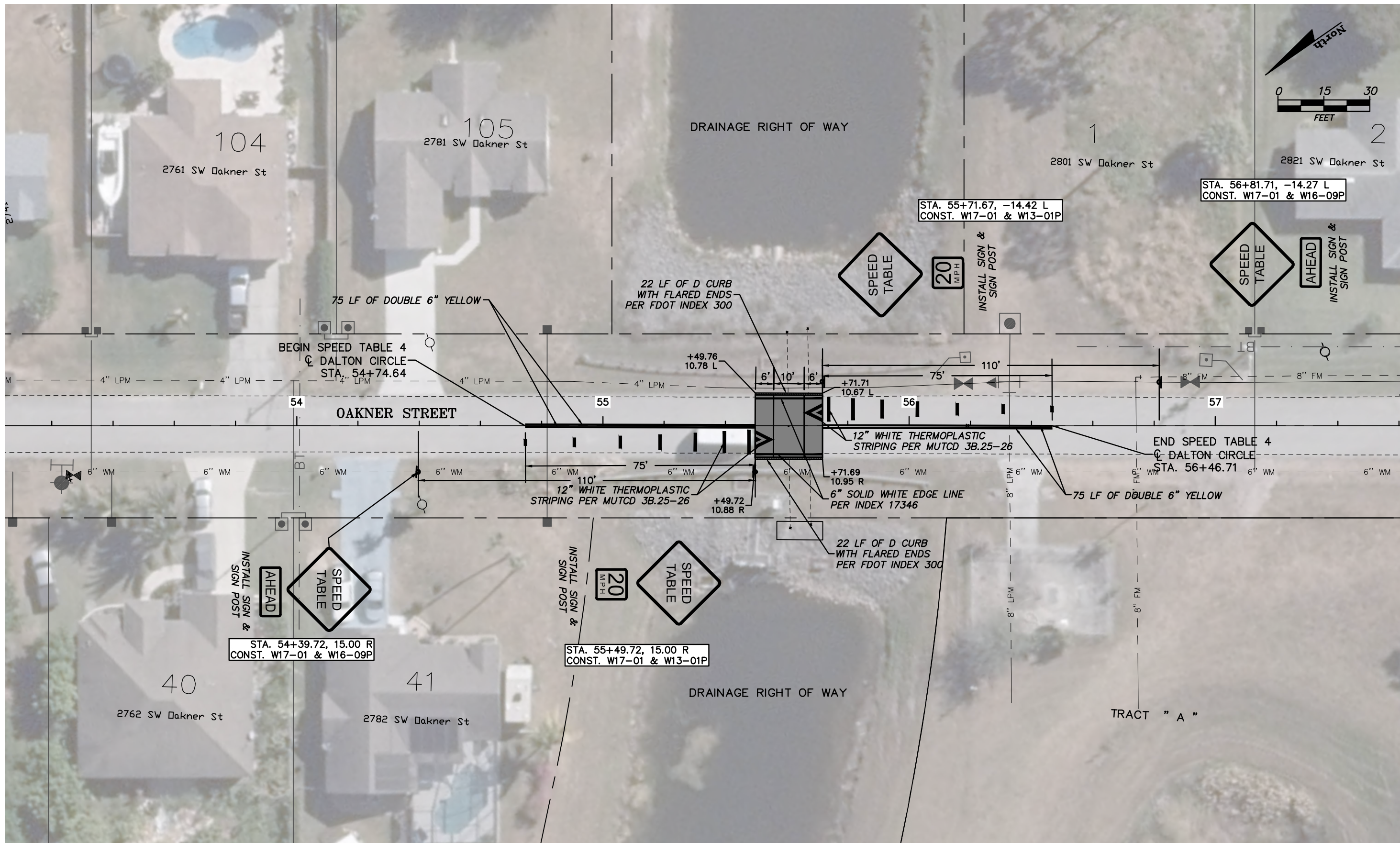
CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DALTON CIRCLE TRAFFIC CALMING PLANS	-----

<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>RAISED INTERSECTION 1</b>

SHEET NO.
10



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REVISIONS					
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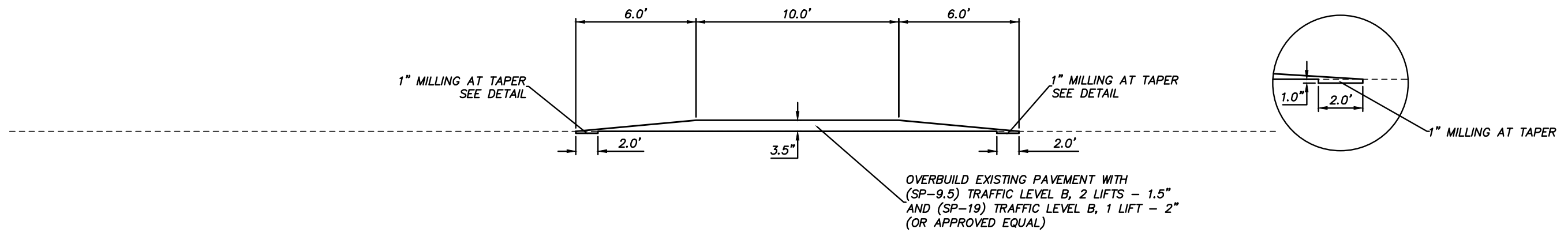
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DESIGNED BY SKM 10-13-15	DRAWN BY DRP 10-13-15
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ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723	

CITY OF PORT ST. LUCIE	
PROJECT NAME	FINANCIAL PROJECT ID
DALTON CIRCLE TRAFFIC CALMING PLANS	-----

DALTON CIRCLE TRAFFIC CALMING PLANS	
SPEED TABLE 4	

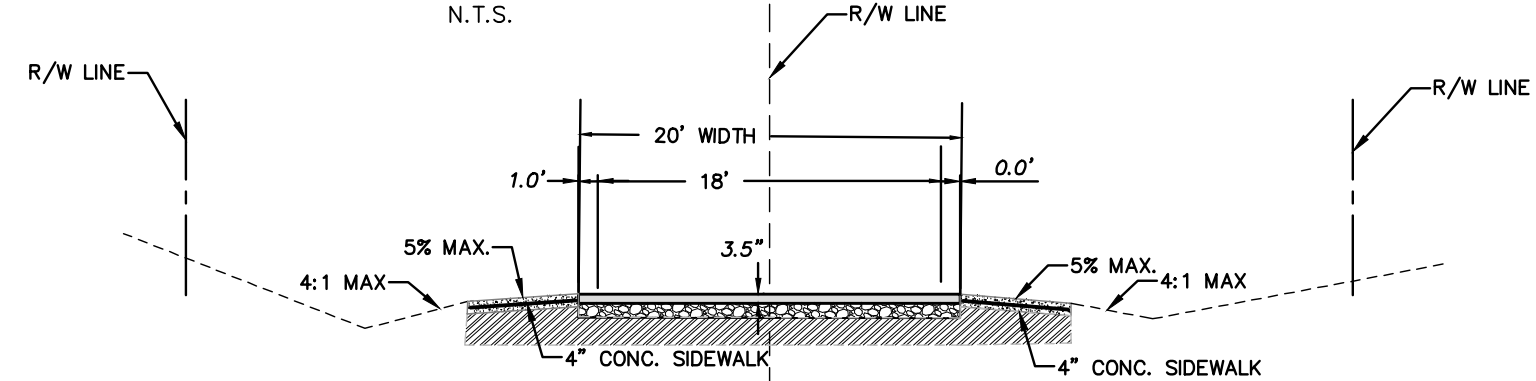
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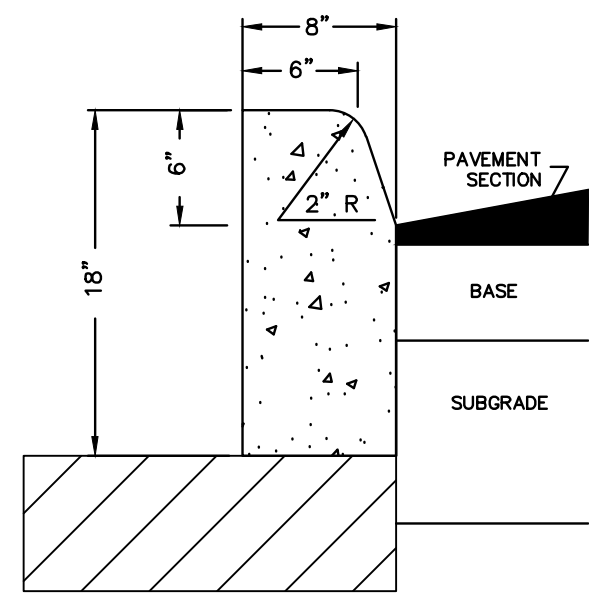
**RAISED CROSSWALK PROFILE**

N.T.S.



**RAISED CROSSWALK SECTION**

N.T.S.



**TYPE "D" CURB**

N.T.S.

STEFAN K. MATTHES, P.E.  
FL. REG. NO. 38723

REVISIONS					
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ENGINEER OF RECORD: STEFAN K. MATTHES, P.E. NO. 38723	

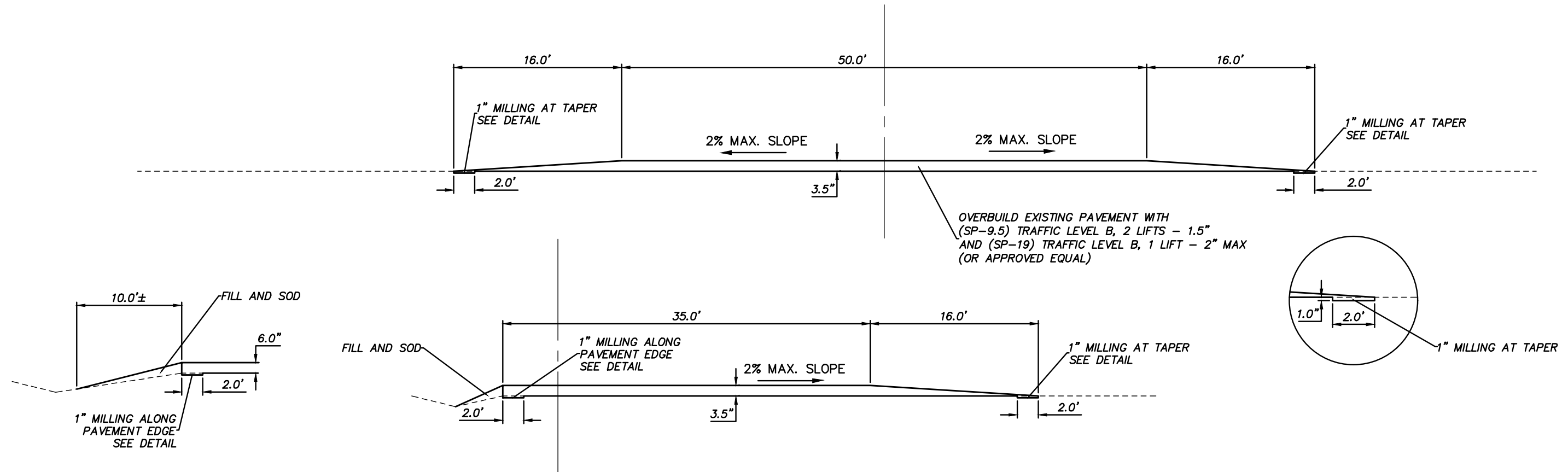
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PROJECT NAME	FINANCIAL PROJECT ID
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<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>SPEED TABLE DETAILS</b>

SHEET NO.
12

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<b>DALTON CIRCLE TRAFFIC CALMING PLANS</b>
<b>RAISED INTERSECTION DETAILS</b>

SHEET NO.
13