



VILLAGE OF PALMETTO BAY

TRAFFIC CIRCLE DESIGN

SW 168TH STREET AND SW 82 AVENUE
SW 170TH STREET AND SW 79TH PLACE

INDEX OF SHEETS

C-1	COVER SHEET
C-2 - C-3	GENERAL NOTES
C-4	QUANTITIES
C-5	TYPICAL SECTION
C-6 - C-7	PLAN DESIGN SHEET
C-8 - C-9	SIGNING & PAVEMENT MARKING SHEET
C-10 - C-11	TRAFFIC CONTROL-DETOUR SHEET

DESIGN TEAM

CIVIL ENGINEER:

Marlin Engineering, Inc.
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Plantation, Florida 33313
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OWNER:

Village of Palmetto Bay
9705 E Hibiscus St, Palmetto Bay
FL 33157

REVISIONS						MARLIN ENGINEERING <small>RAFAEL LAGOS, P.E., P.E. No. 51412 1700 NW 66 Ave., Ste. 106 • Plantation, FL 33313 (954) 477-7975 • C.A. No. 8104</small>	DESIGNED BY DRAWN BY CHECKED BY	NAME DATE	VILLAGE OF PALMETTO BAY SW 168TH ST AND 82ND AV TRAFFIC CALMING	COVER SHEET	SHEET NUMBER				
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY						<u>C-1</u>				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-004, F.A.C.

GENERAL NOTES:

1. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS:

CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THAT SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR TO REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH THE ENGINEER A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING. COST OF THIS WORK SHALL BE DEEMED INCIDENTAL TO THE TOTAL PROJECT COST.

2. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ALL INVESTIGATIONS DEEMED NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH BIDS WILL BE BASED.

3. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF PALMETTO BAY DEPARTMENT OF PUBLIC SERVICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

4. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL LATEST APPLICABLE STANDARDS AND SPECIFICATIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION, UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR SHALL BE RESPONSIBLE TO SATISFY ALL REQUIREMENTS OF ANY REGULATORY AGENCY PERMITS IN REGARDS TO CONSTRUCTION ACTIVITIES AND RELATED CONDITIONS PRIOR TO THE START OF CONSTRUCTION.

6. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL PROVIDE SUITABLE EQUIPMENT AND METHODS FOR THE DISPOSAL OF STORM WATER FOR THE DURATION OF THE PROJECT. COST SHALL BE DEEMED INCIDENTAL TO THE TOTAL PROJECT COST.

7. THE CONTRACTORS ATTENTION IS DIRECTED TO THE PROVISIONS OF THE TRENCH SAFETY ACT (FLORIDA STATUTES SECTION 553.60 ET. SEQ.) AND STANDARDS (29 C.F.R. SECTION 1926.650, SUB-PART P) WHICH SHALL APPLY TO CONSTRUCTION, OPERATION, AND MAINTENANCE PURSUANT TO THIS AGREEMENT.

8. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE VILLAGE.

9. THE CONTRACTOR SHALL NOT ENCROACH INTO PRIVATE PROPERTY WITH PERSONNEL, MATERIAL OR EQUIPMENT.

10. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATED MATERIAL AND DEBRIS TO AN APPROVED SITE IN A LEGAL MANNER AT NO ADDITIONAL COST TO THE VILLAGE. STOCKPILING OF MATERIAL IN ROADWAY IS NOT ALLOWED.

11. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES, OR PARTS OF SUCH, EXPOSED OR OPEN AT THE END OF EACH WORKING DAY WHEN THE CONTRACTOR IS NOT WORKING. ALL TRENCHES SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN TRAFFIC AT NO ADDITIONAL COST TO THE PROJECT.

12. THE CONTRACTOR SHALL VERIFY, PHOTOGRAPH AND INVENTORY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, PAVEMENT OR OTHER FEATURES. ANY EXISTING STRUCTURE, PAVEMENT, TREE OR OTHER EXISTING FEATURE, WHICH IS IN CONFLICT OR DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE RESTORED PROMPTLY TO IT'S ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CITY, UNLESS IDENTIFIED BY A BID ITEM IN THE PROPOSAL.

13. THE CONTRACTOR SHALL NOT REMOVE OR RELOCATE ANY TREES WITHOUT PRIOR APPROVAL FROM THE VILLAGE. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM THE VILLAGE OF PALMETTO BAY DEPARTMENT OF PUBLIC WORKS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PRUNE, ROOT PRUNE, AND SUPPORT ALL TREES THAT ARE ADJACENT TO TRENCH EXCAVATION. COST SHALL BE DEEMED INCIDENTAL TO THE TOTAL PROJECT COST.

14. ALL AVAILABLE UTILITY LOCATION INFORMATION IS DEPICTED, CONTRACTOR SHALL CONFIRM IT BEFORE CONSTRUCTION BEGINS.

15. EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.

16. THE CONTRACTOR SHALL CONTACT SUNSHINE AT 1-800-432-4770 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION TO COORDINATE THE LOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL BE AWARE THAT NOT ALL UTILITIES SUBSCRIBE TO SUNSHINE.

17. THE CONTRACTOR SHALL FIELD VERIFY AND LOCATE (LINE & GRADE) ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES PRIOR TO COMMENCING ANY CONSTRUCTION OPERATION. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AT NO ADDITIONAL COST TO THE VILLAGE.

18. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO ARRANGE RELOCATION AND/OR TEMPORARY SUPPORT OF UTILITY FEATURES, ETC. AS NECESSARY TO COMPLETE THE WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERTICALLY AND HORIZONTALLY PROTECT ANY AND ALL EXISTING UTILITIES AND/OR STRUCTURES ON THIS PROJECT. ANY DAMAGE TO SUCH UTILITIES/STRUCTURES SHOWN OR NOT SHOWN ON THE PLANS SHALL BE IMMEDIATELY REPAIRED TO THE UTILITY OWNER'S SATISFACTION AT NO ADDITIONAL COST TO THE CITY. THE OWNER RESERVES THE RIGHT TO REMEDY SUCH DAMAGE BY ORDERING OUTSIDE PARTIES TO MAKE SUCH REPAIRS AT THE EXPENSE OF THE CONTRACTOR.

19. THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY OF ANY CONFLICT ARISING DURING CONSTRUCTION FOR ANY IMPROVEMENTS SHOWN ON THESE DRAWINGS.

20. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT MAY HAVE ELECTRIC, TELEPHONE, GAS, WATER, AND/OR SEWER LATERALS WHICH MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL REQUEST THE LOCATION OF THESE SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILL AND COMPACTING AROUND THESE SERVICES SHALL BE INCIDENTAL TO THE CONTRACT AT NO ADDITIONAL COST TO THE VILLAGE.

21. THE CONTRACTOR SHALL ENGAGE A FLORIDA REGISTERED LAND SURVEYOR TO PREPARE AND CERTIFY THE AS- BUILT RECORDS OF ALL IMPROVEMENTS.

22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE, REMOVAL OR MODIFICATION, ACCIDENTALLY OR PURPOSELY, CAUSED TO ANY IRRIGATION SYSTEMS, PRIVATE OR PUBLIC. THE CONTRACTOR SHALL REPLACE ANY DAMAGED, REMOVED OR MODIFIED IRRIGATION PIPES, SPRINKLER HEADS OR OTHER RELATED ITEMS OF SUCH WORK SHALL BE DETERMINED INCIDENTAL AT NO ADDITIONAL COST TO THE VILLAGE.

23. ANY MAIL BOXES, WALLS, FENCES OR OTHER HOMEOWNER PROPERTY OR IMPROVEMENTS IN DIRECT CONFLICT WITH THE WORK BEING PERFORMED SHALL BE TEMPORARILY RELOCATED AND REPLACED. THE CONTRACTOR SHALL COORDINATE WITH THE U.S POSTAL SERVICE TO PROVIDE UNINTERRUPTED MAIL SERVICE TO ALL PROPERTIES AFFECTED BY CONSTRUCTION ACTIVITIES. COST OF SUCH WORK SHALL BE DEEMED INCIDENTAL TO THE TOTAL PROJECT COST.

24. ALL CONSTRUCTION LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

25. GRADING CONSISTS OF ALL EXCAVATION, BACKFILL, SHAPING AND SLOPING NECESSARY FOR THE CONSTRUCTION, PREPARATION AND COMPLETION OF ALL SUB GRADES, SHOULDERS, SLOPES, INTERSECTIONS, PAVEMENT AND OTHER AREAS.

26. ALL EXISTING AND COMPLETED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES AND CONTAMINATION BY SILT AND CONSTRUCTION DEBRIS. THE CONTRACTOR SHALL PLACE FILTER FABRIC BETWEEN FRAME AND INLET GRATE UNTIL CONSTRUCTION OPERATIONS ARE COMPLETED. ALL EXISTING AND COMPLETED DRAINAGE STRUCTURES SHALL BE FREE OF ALL SILT, CONSTRUCTION DEBRIS, AND OTHER FOREIGN MATERIAL PRIOR TO FINAL ACCEPTANCE AND FINAL PAYMENT. COST SHALL BE DEEMED INCIDENTAL TO THE TOTAL PROJECT COST.

27. THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZING EARTH, DRIVEWAYS, SIDEWALKS, ETC. WITH THE SAME TYPE OF MATERIAL THAT WAS REMOVED DURING CONSTRUCTION OR AS DIRECTED BY THE VILLAGE. THE CONTRACTOR SHALL REPAIR OR RESTORE ALL IMPACTED PAVEMENT WITHIN THE LIMITS OF CONSTRUCTION IN ACCORDANCE WITH PROPOSED TYPICAL OR AS DIRECTED BY THE ENGINEER.

28. WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT, THE TIE -IN SHALL BE MADE IN A NEAT, STRAIGHT SAW CUT JOINT.


29. EXISTING PAVEMENT MARKINGS AND STREET SIGNS SHALL BE IMMEDIATELY RESTORED TO ORIGINAL CONDITION, PER THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT DETAIL R18.1 AND R18.2. ALL INTERSECTION PAVEMENT DISTURBED BY CONSTRUCTION SHALL BE PROPERLY MARKED PER THE AFOREMENTIONED DETAILS, IF EXISTING MARKINGS WERE PRESENT PRIOR TO CONSTRUCTION.

30. EXCAVATION FOR TRENCH AND CURB: AS PER MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, SECTION 310.03.

31. BACKFILLING: AS PER MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, SECTION 40.

32. PAVEMENT RESTORATION: AS PER MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, SECTION 40.

33. THE INFORMATION PROVIDED ON THE PLANS IS BASED ON THE BEST AVAILABLE INFORMATION, AND SHOULD BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.

REVISIONS						 <small>RAFAEL LAGOS, P.E., P.E., No.: 51412 1700 NW 66 Ave., Ste. 106 • Plantation, FL 33313 (954) 477-7575 • C.A. No. 6104</small>	VILLAGE OF PALMETTO BAY TRAFFIC CIRCLE DESIGN TRAFFIC CALMING	GENERAL NOTES	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY				C-2

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CONTINUES GENERAL NOTES

SIGNALIZATION NOTES:

1. THE CONTRACTOR SHALL PERFORM AN INVENTORY OF THE EXISTING INTERSECTIONS PRIOR TO THE BEGINNING CONSTRUCTION ACTIVITIES, AND SUBMIT TWO (2) COPIES OF THE INVENTORY REPORT, LISTING ALL OPERABLE AND INOPERABLE SIGNAL ITEMS TO THE ENGINEER. ALL DAMAGED ITEMS SHOULD BE CLEARLY IDENTIFIED IN THE REPORT.
2. GOVERNING STANDARDS AND SPECIFICATIONS FOR SIGNALIZATION ITEMS OF WORK ARE: THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE TRAFFIC CONTROL EQUIPMENT SPECIFICATIONS AND STANDARDS FOR THE METRO TRAFFIC CONTROL SYSTEM MIAMI-DADE COUNTY 2000 EDITION; MODIFICATIONS TO TRAFFIC CONTROL EQUIPMENT SPECIFICATIONS AND STANDARDS FOR THE METRO TRAFFIC CONTROL SYSTEM MIAMI-DADE COUNTY 2000 EDITION.
3. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL CONTRACTOR AND FOLLOW THE GOVERNING STANDARDS AND SPECIFICATIONS OF: THE FDOT DESIGN STANDARDS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE 2011 NATIONAL ELECTRIC CODE, NATIONAL ELECTRICAL SAFETY CODE OR LATER EDITION AND LOCAL CODES WHICH EXCEED THESE SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE MAINTAINING CITY AND FPL AND PAY APPLICABLE COST OF ALL WORK RELATED TO THE REMOVAL OF THE EXISTING ELECTRICAL SERVICE AS REQUIRED.
4. THE SIGNAL-MAINTAINING AGENCY IS:

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, TRAFFIC SIGNALS AND SIGNS DIVISION.
5. THE CONTRACTOR SHALL NOTIFY THE MAINTAINING AGENCY AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY WORK TO BE CARRIED OUT AT ANY SIGNAL RELATED WORK.
6. ALL SALVAGEABLE SIGNAL EQUIPMENT THAT ARE REMOVED MUST BE DELIVERED AND UNLOADED AT THE, MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, TRAFFIC SIGNALS AND SIGNS DIVISION: (CONTRACTOR SHALL COORDINATE WITH MDC SIGNALS PRIOR TO DELIVERY).


7100 N.W. 36TH STREET
MIAMI, FLORIDA 33166

RECEIPTS MUST BE OBTAINED FROM THE ABOVE AGENCY AND SUBMITTED TO THE PROJECT ENGINEER TO RECEIVE PAYMENT FOR REMOVAL ITEMS.
COST TO BE INCLUDED IN PAY ITEM 110-86 DELIVERY OF SALVAGEABLE MATERIALS

7. SIGNAL EQUIPMENT CONSIDERED SALVAGEABLE IS AS FOLLOWS:

CONTROLLERS, CONTROLLER CABINETS, CONTROLLER HARDWARE AND SOFTWARE, FLASHERS, COMMUNICATION DEVICES AND HARDWARE, SIGNAL HEADS, MAST-ARM POLES AND ASSOCIATED HARDWARE, MOUNTED MAST ARM SIGNS, PEDESTRIAN DETECTORS, PEDESTRIAN SIGNAL HEADS. ALL OTHER
SIGNALIZATION REMOVAL NOTES:

1. REMOVE MAST ARM. COST SHALL INCLUDE ALL SIGNAL DEVICES MOUNTED BUT NOT LIMITED TO:
 - SIGNAL HEADS, SIGNS, PEDESTRIAN FEATURES AND INTERNALLY ILLUMINATED SIGNS.
 - FOUNDATION REMOVAL UP (4') FOUR FEET BELOW GRADE.
 - NOTIFICATION AND COORDINATION WITH MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, TRAFFIC SIGNALS AND SIGNS DIVISION. COORDINATION WITH FPL MUST ME MADE TO VERIFY IF THERE WILL BE A NEED TO DE-ENERGIZE THE EXISTING UTILITY OVERHEAD LINES PRIOR TO REMOVAL OF THE MAST ARMS.
2. REMOVE EXISTING ELECTRICAL SERVICE POINT. COST SHALL INCLUDE BUT NOT LIMITED TO:
 - THE REMOVAL OF THE MAIN DISCONNECT
 - ELECTRICAL SERVICE WIRE FROM THE FPL PICKUP POINT TO THE SIGNALS CONTROLLER CABINET. (CONDUIT TO BE ABANDON).
 - COORDINATION AND ALL WORK RELATED.
3. REMOVE ALL SIGNALS RELATED PULL BOX(S). COST SHALL BE INCLUDED IN THE COST OF PAY-ITEM 110-1-1 CLEARING AND GRABBING. CONCRETE REPLACEMENT IS INCLUDED IN THE COST OF PAY-ITEM 522-1 CONCRETE SIDEWALK AND DRIVEWAYS 4"

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DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY				C-3

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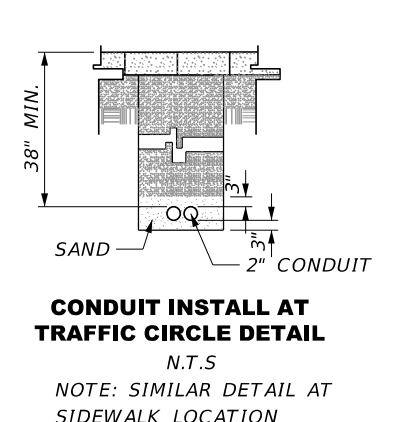
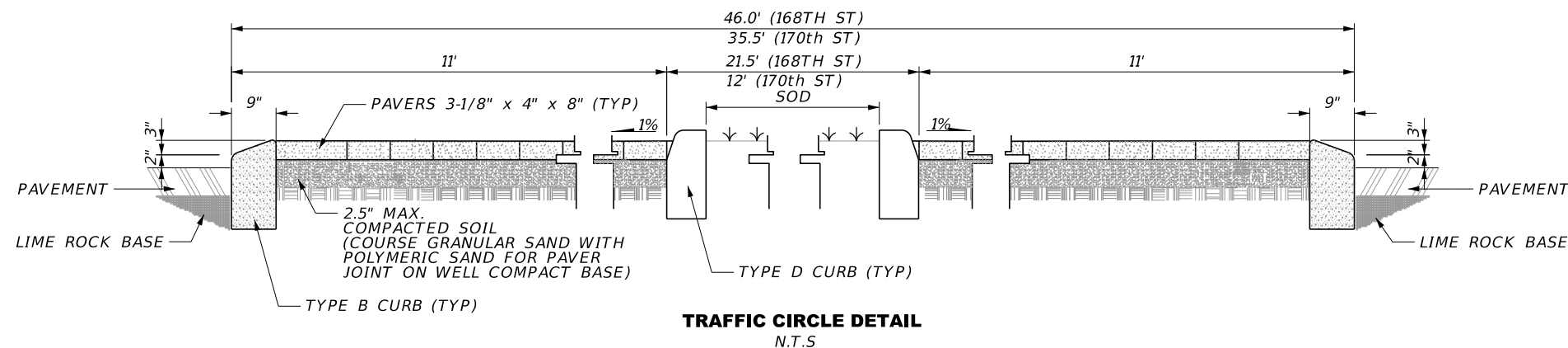
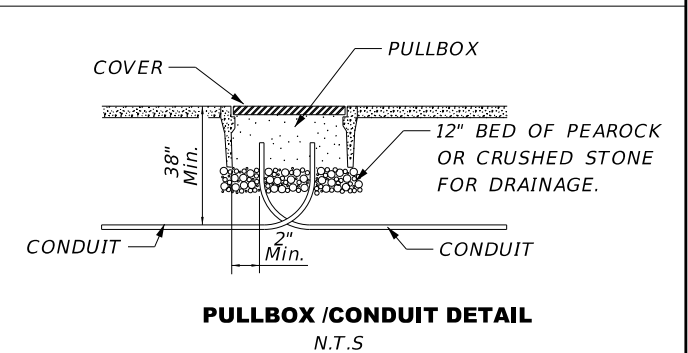
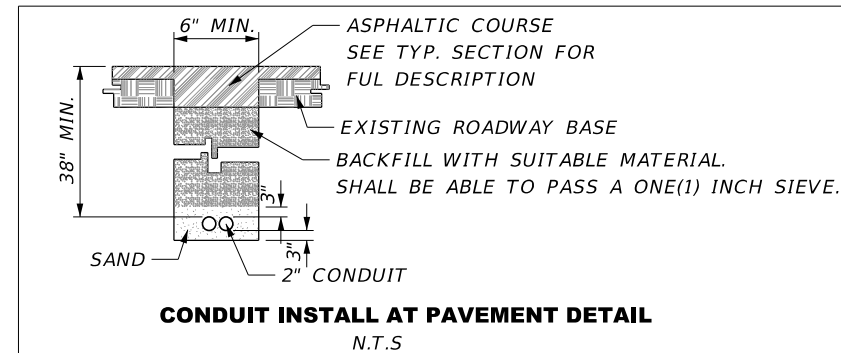
TABULATION OF QUANTITIES				
ROADWAY			168TH ST	170TH ST
PAY ITEM NO	DESCRIPTION	UNIT	QTY	QTY
101-1	MOBILIZATION	LS	1	1
102-1	MOT	LS	1	1
104-10-3	SEDIMENT BARRIER	LF	1670	441
104-18	INLET PROTECTION SYSTEM	EA	NA	2
110-1-1	CLEARING AND GRUBBING	AC	0.65	0.04
110-86	DELIVERY OF SALVAGEABLE MATERIALS	LS	1	N/A
160-4	TYPE B STABILIZATION	SY	609	N/A
162-1-11	PREPARED SOIL LAYER, FINISH SOIL, 6"	SY	1454	61
285-709	OPTIONAL BASE, BASE GROUP 9	SY	480	N/A
334-1-13	SP TRAFFIC C	TN	213	42
327-7-01	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	2945	750
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	505	247
520-2-2	CONCRETE CURB, TYPE B	LF	145	112
520-2-4	CONCRETE CURB, TYPE D	LF	340	58
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	444	N/A
526-1-2	ARCHITECTURAL PAVERS	SY	129	89
527-2	DETECTABLE WARNINGS	SF	140	N/A
570-1-2	PERFORMANCE TURF, SOD	SY	1459	61
SIGNING AND PAVEMENT MARKINGS				
700-1-11	SINGLE SIGN POST, GROUND MOUNT	AS	32	8
700-1-60	SINGLE SIGN POST, REMOVE	AS	4	2
706-3	RPMS	EA	140	96
711-11-123	THERMOPLASTIC, 12" WHITE	LF	249.6	
711-14-125	THERMOPLASTIC, 24" WHITE, PREFORMED	LF	336	
711-11-224	THERMOPLASTIC, 18" YELLOW	LF	186.1	
711-15-101	THERMOPLASTIC, 6" WHITE	GM	0.32	0.09
711-15-102	THERMOPLASTIC, 8" WHITE	GM	0.01	
711-11-143	THERMOPLASTIC, 2-4 SKIP WHITE	GM	0.05	0.02
711-15-211	THERMOPLASTIC, 6" YELLOW	GM	0.48	0.08
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1	1

TABULATION OF QUANTITIES				
SIGNALS			168TH ST	170TH ST
630-2-11	CONDUIT, F&I, OPEN TRENCH	LF	X	
635-2-11	PULL & SPLICE BOX, F&I, 13"X24" COVER SIZE	EA	X	
639-1-620	ELECTRICAL POWER SERVICE, REMOVE COMPLETE SERVICE	AS	1	
639-2-6	ELECTRICAL SERVICE WIRE, REMOVE	LF	250	
649-36-300	MAST ARM, REMOVE SHALLOW FOUNDATION, BOLT ON ATTACHMENT	EA	4	
670-5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1	
MISCELLANEOUS			168TH ST	170TH ST
630-2-11	CONDUIT, F&I, OPEN TRENCH (600' W. + 100' E.)	LF	700	-
635-2-11	PULL & SPLICE BOX, F&I, 13"X24" COVER SIZE (8 EA W. + 4 EA E.)	EA	12	-

W. = FOR WATER SERVICE; E. = FOR ELECTRICAL SERVICE

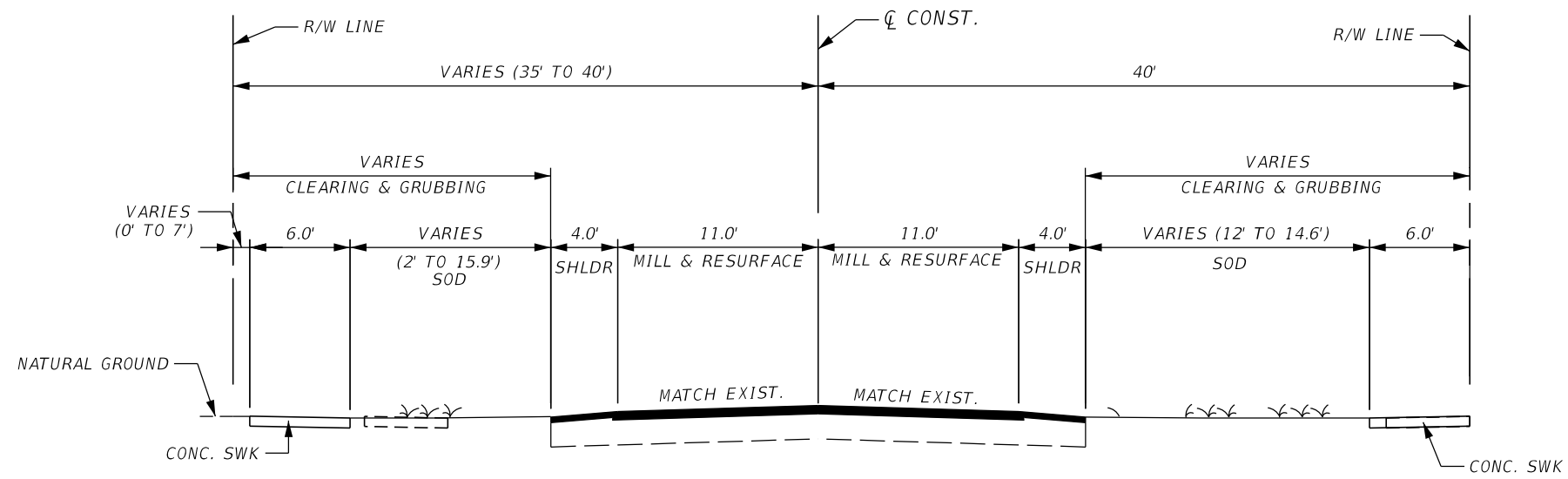
PAY-ITEM NOTES:

- 526-1-2 CONTRACTOR SHALL COORDINATE PAVER SELECTION WITH THE CITY AND SUBMIT PAVER SELECTION FOR APPROVAL PRIOR TO INSTALLATION.
- 630-2-11 INCLUDES COST OF TRENCH, PAVEMENT AND OR SIDEWALK RESTORATION. ALSO INCLUDES ANY MATERIALS AND WORK RELATED FOR A COMPLETE APPROVED INSTALL.
- 635-2-11 INCLUDES COST OF RESTORATION OF ANY DISTURBED AREA, MATERIALS AND WORK RELATED FOR A COMPLETE APPROVED INSTALL. CONTRACTOR SHALL COORDINATE WITH MAINTAINING AGENCY/UTILITY FOR APPROVED BOX, COVER AND INFORMATION ON TOP SURFACE.



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SW 168TH STREET AND SW 82ND AVENUE

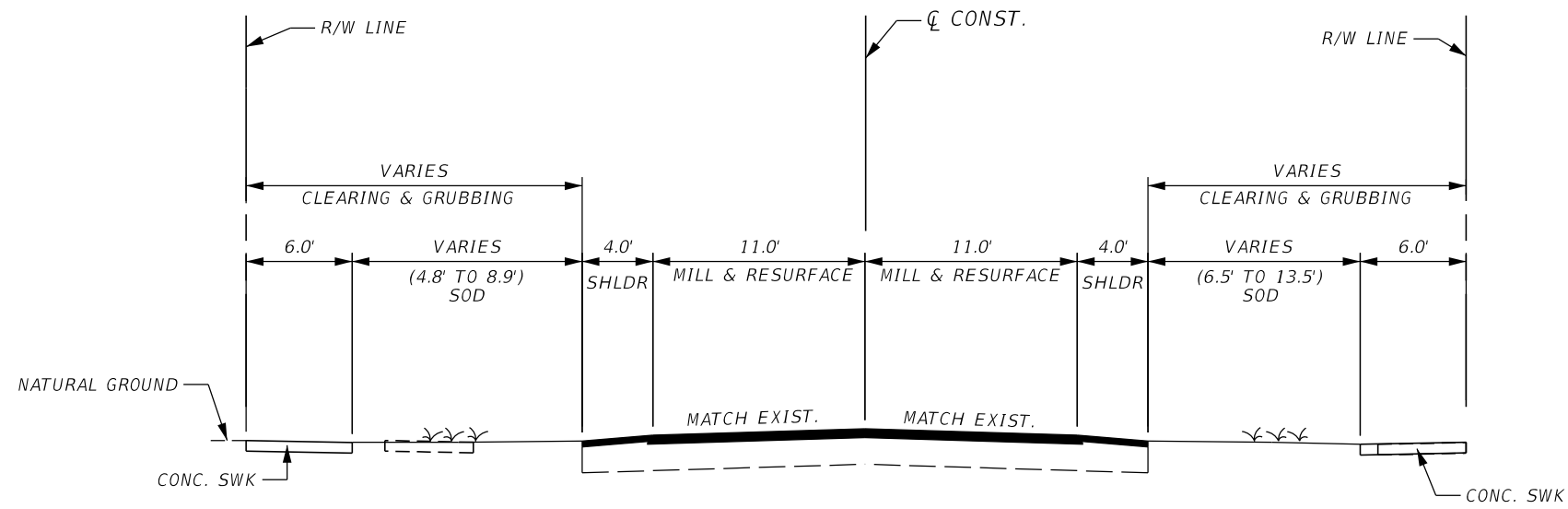
MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1")

SW 168TH STREET
NOT TO SCALE



SW 170TH STREET AND SW 79TH PLACE

MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1")

RESURFACING

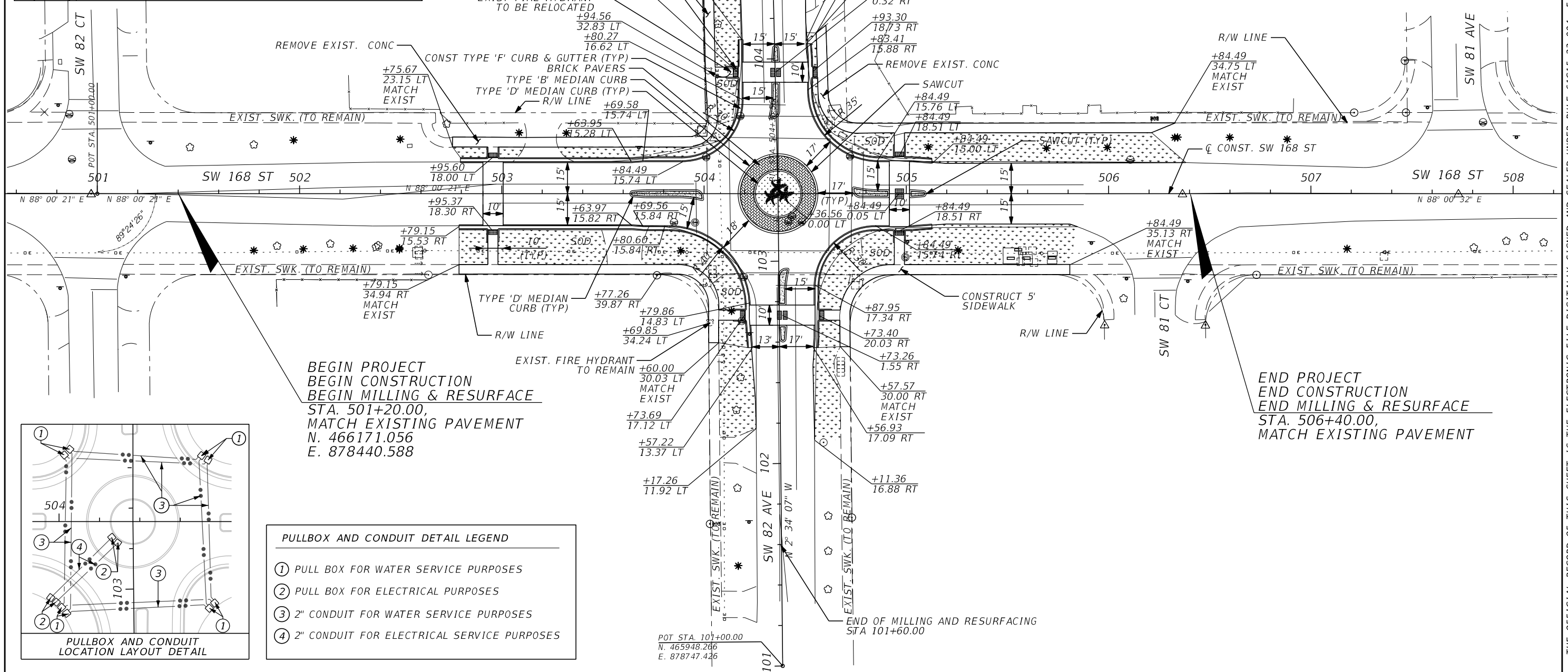
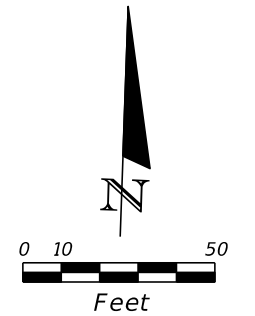
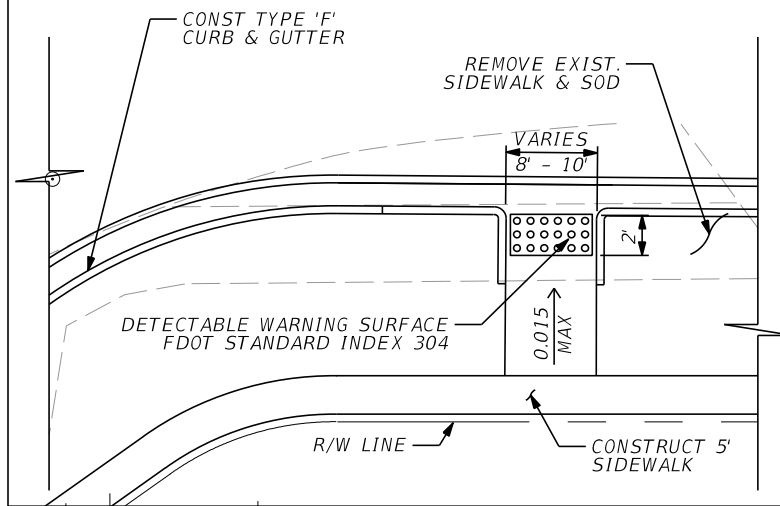
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1")

SW 82ND AVENUE
NOT TO SCALE

REVISIONS						<p>RAFAEL LAGOS, P.E., P.F., No.: 51412 1700 NW 66 Ave., Ste. 106 • Plantation, FL 33313 (954) 477-7575 • C.A. No. 6104</p>	<table border="1"> <tr><th>DESIGNED BY</th><th>NAME</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><th>DRAWN BY</th><td> </td><td> </td></tr> <tr><th>CHECKED BY</th><td> </td><td> </td></tr> </table>	DESIGNED BY	NAME	DATE				DRAWN BY			CHECKED BY			<p>VILLAGE OF PALMETTO BAY TRAFFIC CIRCLE DESIGN TRAFFIC CALMING</p>	<p>TYPICAL SECTION</p>	SHEET NUMBER
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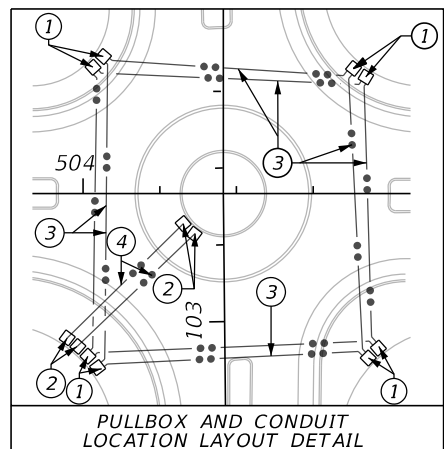
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SIDEWALK RAMP DETAIL



BEGIN PROJECT
 BEGIN CONSTRUCTION
 BEGIN MILLING & RESURFACE
 STA. 501+20.00,
 MATCH EXISTING PAVEMENT
 N. 466171.056
 E. 878440.588

END PROJECT
 END CONSTRUCTION
 END MILLING & RESURFACE
 STA. 506+40.00,
 MATCH EXISTING PAVEMENT



- PULLBOX AND CONDUIT DETAIL LEGEND**
- ① PULL BOX FOR WATER SERVICE PURPOSES
 - ② PULL BOX FOR ELECTRICAL PURPOSES
 - ③ 2" CONDUIT FOR WATER SERVICE PURPOSES
 - ④ 2" CONDUIT FOR ELECTRICAL SERVICE PURPOSES

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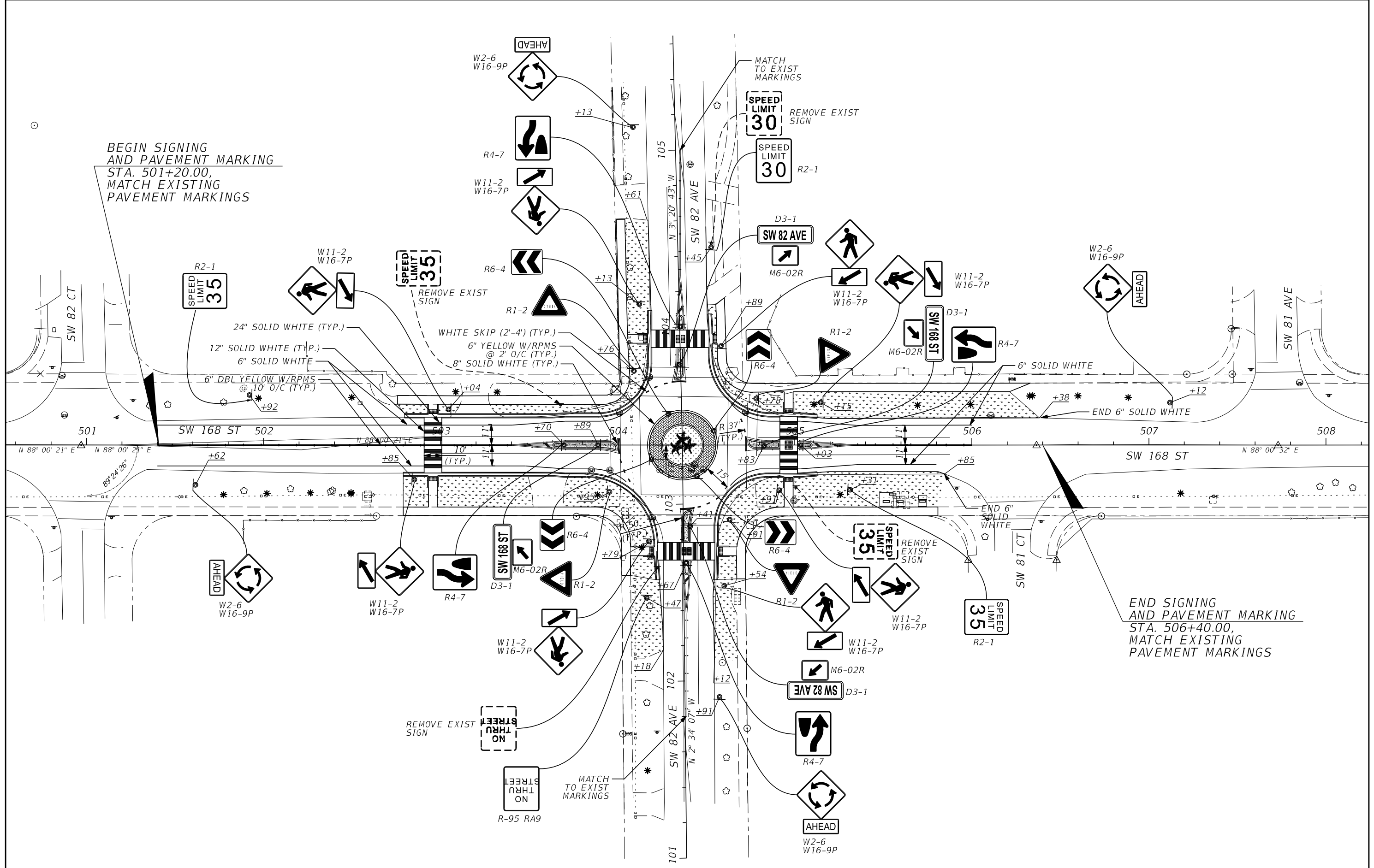
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VILLAGE OF PALMETTO BAY
TRAFFIC CIRCLE DESIGN
TRAFFIC CALMING

PLAN DESIGN SHEET

SHEET NUMBER
C-6

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BEGIN SIGNING AND PAVEMENT MARKING STA. 501+20.00, MATCH EXISTING PAVEMENT MARKINGS

END SIGNING AND PAVEMENT MARKING STA. 506+40.00, MATCH EXISTING PAVEMENT MARKINGS

REVISIONS				DESCRIPTION		DATE		BY	
NO.	DATE	BY	DESCRIPTION	DATE	BY				

MARLIN
ENGINEERING

RAFAEL LAGOS, P.E., P.R.E. No. 51412
1700 NW 66 Ave., Ste. 106 • Plantation, FL 33313
(305) 477-2575 • C.A. No. 6104

DESIGNED BY: _____

DRAWN BY: _____

CHECKED BY: _____

NAME: _____

DATE: _____

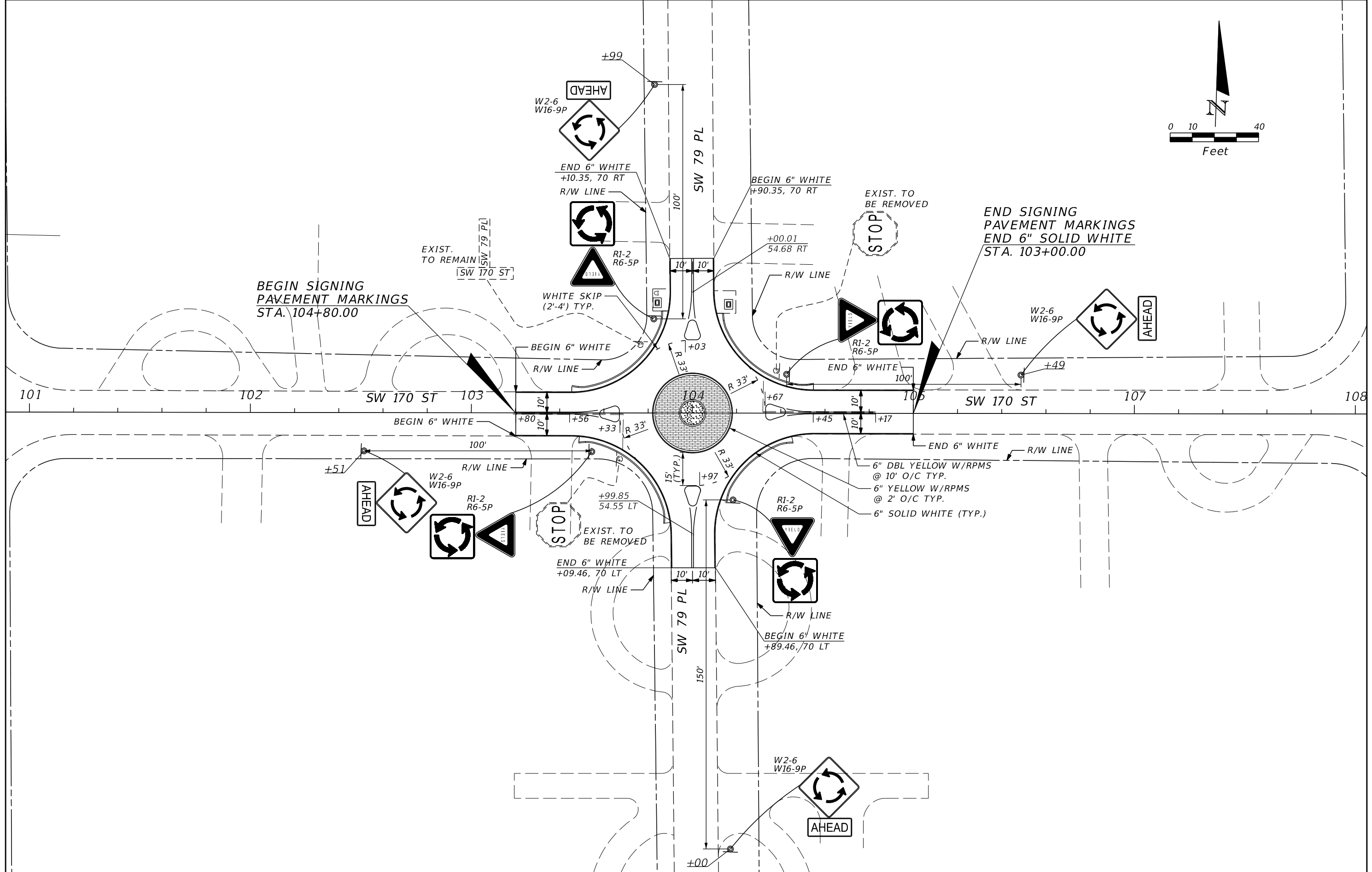
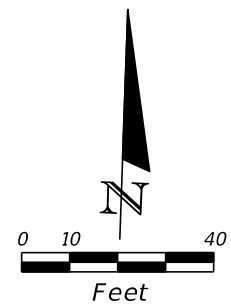
VILLAGE OF PALMETTO BAY
TRAFFIC CIRCLE DESIGN
TRAFFIC CALMING

SIGNING & PAVEMENT MARKING SHEET

SHEET NUMBER
C-8

jblankenship 6/9/2017 3:28:06 PM K:\2013007.005-Palmetto Bay\95501160801 (05-05-2017)\signing\PLANSPO1.DGN

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DESCRIPTION		DATE	BY	REVISIONS		DESCRIPTION		DATE	BY

MARLIN
ENGINEERING

RAFAEL LAGOS, P.E. • P.E. No. 51412
1700 NW 66 Ave., Ste. 105 • Plantation, FL 33313
(305) 472-7575 • C.S. No. 6104

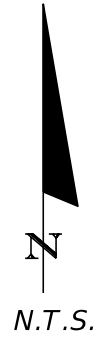
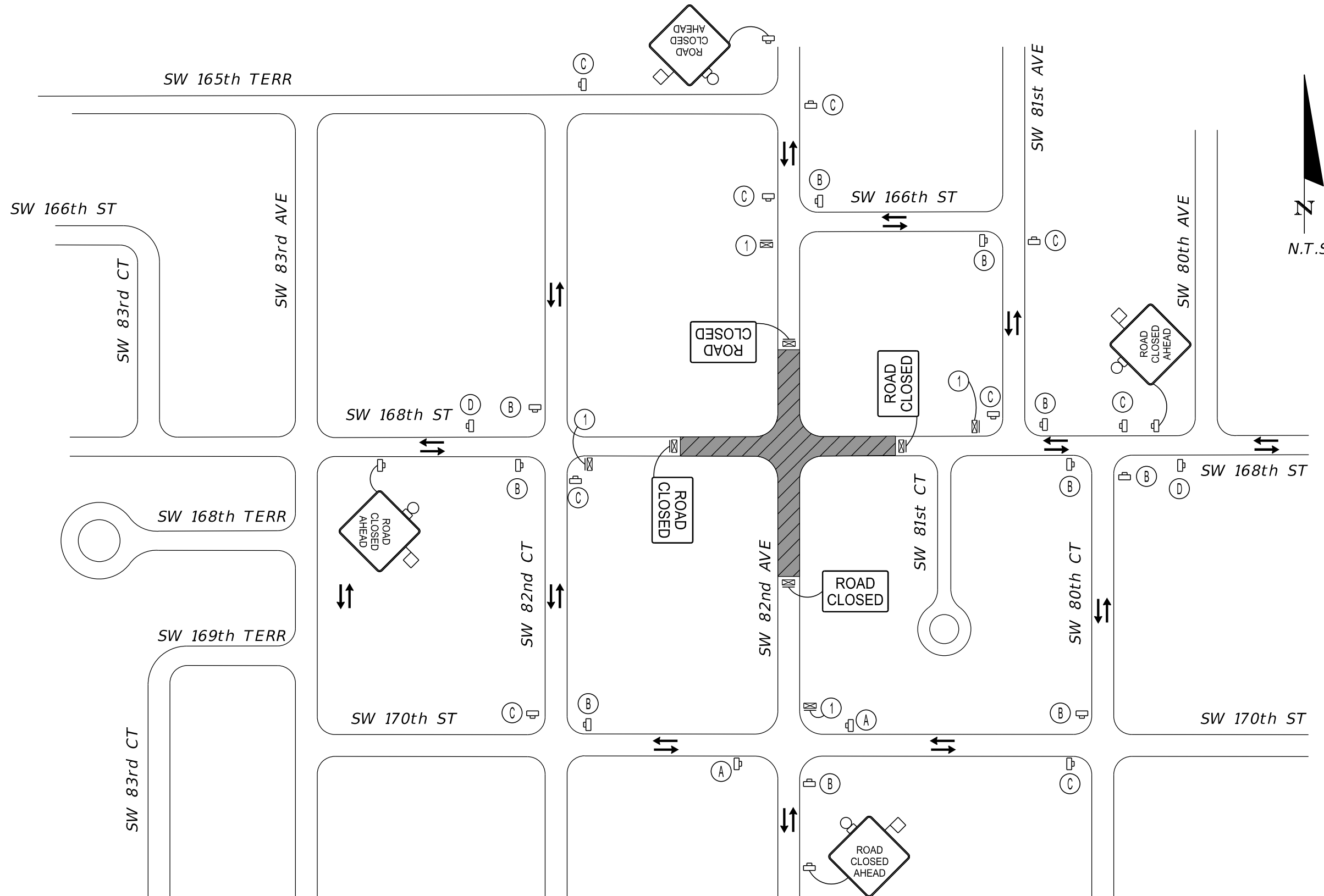
DESIGNED BY	NAME	DATE
DRAWN BY		
CHECKED BY		

VILLAGE OF PALMETTO BAY
TRAFFIC CIRCLE DESIGN
TRAFFIC CALMING

SIGNING & PAVEMENT
MARKING SHEET

SHEET NUMBER
C-9

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ROAD CLOSED LOCAL TRAFFIC ONLY

①

DETOUR (Up arrow) **DETOUR** (Right arrow) **DETOUR** (Left arrow) **END DETOUR**

A B C D

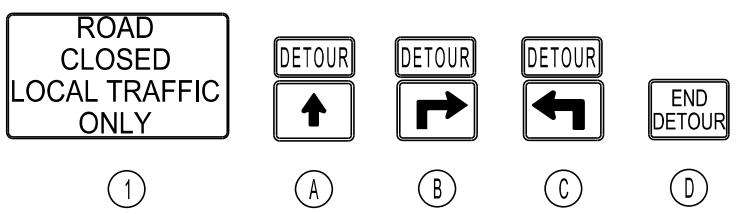
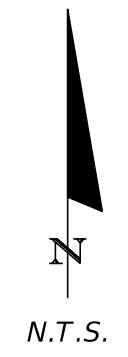
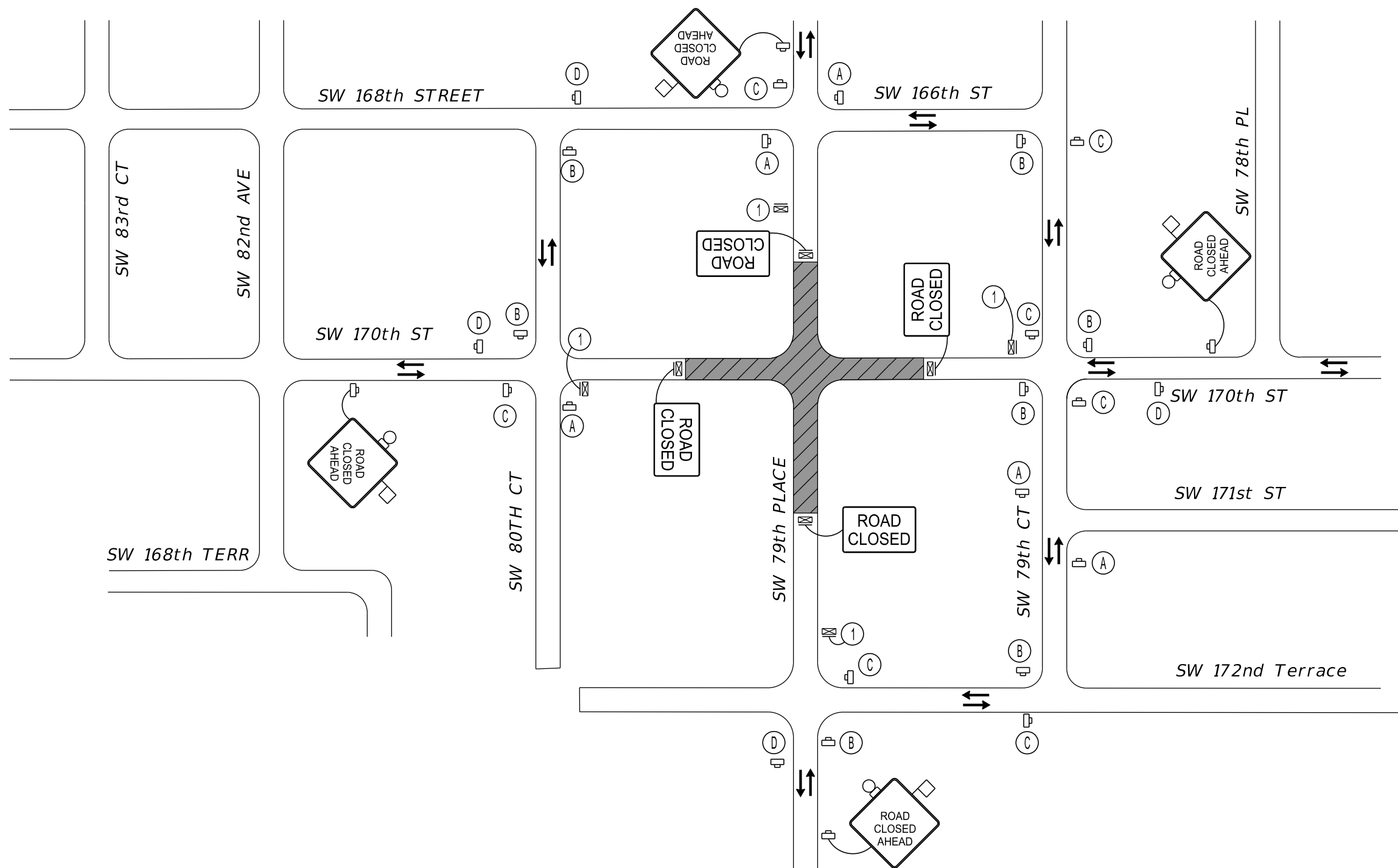
LEGEND

- WORK ZONE
- WORK ZONE SIGN
- TYPE III BARRICADE WITH SIGN
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- SIGN WITH 18" X 18" (MIN.) ORANGE FLAG AND TYPE B LIGHT

- FOR PEDESTRIAN MOT, SEE FDOT INDEX 660

REVISIONS				DATE		BY		MARLIN ENGINEERING <small>RAFAEL LAGOS, P.E. • P.E. No.: 51412 1700 NW 66 Ave., Ste. 106 • Plantation, FL 33313 (954) 477-7575 • C.A. No. 6104</small>	NAME	DATE	VILLAGE OF PALMETTO BAY TRAFFIC CIRCLE DESIGN TRAFFIC CALMING	TRAFFIC CONTROL DETOUR SHEET	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESIGNED BY							
							DRAWN BY			CHECKED BY			

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LEGEND	
	WORK ZONE
	WORK ZONE SIGN
	TYPE III BARRICADE WITH SIGN
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	PCMS
	SIGN WITH 18" X 18" (MIN.) ORANGE FLAG AND TYPE B LIGHT
- FOR PEDESTRIAN MOT, SEE FDOT INDEX 660	

REVISIONS						MARLIN ENGINEERING		VILLAGE OF PALMETTO BAY TRAFFIC CIRCLE DESIGN TRAFFIC CALMING		TRAFFIC CONTROL DETOUR SHEET		SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESIGNED BY	NAME	DATE	CHECKED BY	DATE		C-11
<small>RAFAEL LAGOS, P.E., P.E. No.: 51412 1700 NW 66 Ave., Ste. 106 • Plantation, FL 33313 (954) 477-7575 • C.A. No. 6104</small>						<small>THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.</small>						