

COMPONENTS OF CONTRACT PLANS SET
SIGNING & PAVEMENT MARKING PLANS
ROADWAY AND DRAINAGE IMPROVEMENT PLANS
SPECIFIC PURPOSE AND TOPOGRAPHIC SURVEY

COUNTY of PALM BEACH
STATE of FLORIDA
SIGNING & PAVEMENT MARKING PLANS FOR
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD TO LANTANA ROAD

BOARD OF COUNTY COMMISSIONERS
PROJECT No. 2019603

INDEX OF SIGNING & PAVEMENT MARKING PLANS

SHEET NO.	DESCRIPTION
S-1	TITLE SHEET
S-2	SUMMARY OF QUANTITIES
S-3 TO S-7	SIGNING & MARKING PLANS

MARIA G. MARINO
District 1

MACK BERNARD
District 7

GREGG K. WEISS
District 2

SARA BAXTER
District 6

MICHAEL A. BARNETT
District 3

MARIA SACHS
District 5



MARCI WOODWARD
District 4

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

GOVERNING DESIGN STANDARDS:
FOR APPLICABLE FDOT DESIGN STANDARDS, CLICK ON
"STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION"
AND "DESIGN STANDARDS" AT THE FOLLOWING WEBSITE:
<https://www.fdot.gov/design/standardplans>



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Civil Engineers • Land Surveyors
711 North Dixie Highway, Suite 201
West Palm Beach, Florida 33401
Certificate of Authorization: 4897
Tel: (561) 689-8600 Fax: (561) 689-7476



LOCATION MAP

SECTION 4, TOWNSHIP 45 SOUTH, RANGE 42 EAST
NOT TO SCALE

FINAL PLANS

ITEM	LENGTH OF PROJECT	
	Lin. Ft	Miles
ROADWAY	2,730	0.52
BRIDGES	0	0
Net Length of Project	2,730	0.52
Exceptions	0	0
Gross Length of Project	2,730	0.52

ENGINEER'S CERTIFICATION
I HEREBY CERTIFY THAT THE ATTACHED PLANS AND
DESIGN ARE IN SUBSTANTIAL COMPLIANCE WITH THE
DESIGN STANDARDS AND CRITERIA IN EFFECT ON THIS
DATE FOR THE PALM BEACH COUNTY ENGINEERING
DEPARTMENT AND THE STATE OF FLORIDA,
DEPARTMENT OF TRANSPORTATION.

DATE:

RANDY WERTEPNY, P.E.
PROFESSIONAL ENGINEER No. 72504

PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P. O. BOX 21229, WEST PALM BEACH, FLORIDA



NO.	DATE	REVISIONS	BY

SCALE:	NTS
FIELD	XX
DESIGNED	RW
DRAWN	AZ
CHECKED	RW
APPROVED	MW
DATE:	08/28/24

Project:
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD TO
LANTANA ROAD
TITLE SHEET

SHEET: S-1
OF: S-7
PROJECT NO.
2019603

SUMMARY OF QUANTITIES

SUMMARY OF SIGNING AND MARKING QUANTITIES				
ITEM NO.	STRIPING KEY	DESCRIPTION	UNIT	PLAN QUANTITY
1		SINGLE POST SIGN, F&I GROUND MOUNT	EA	13
2		SINGLE POST SIGN, INSTALL	EA	12
3		MULTI-POST SIGN, INSTALL	EA	1
4		REMOVE EXIST. SIGN (SINGLE POST)	EA	15
5	A	SOLID TRAFFIC STRIPE (WHITE) 6"	NM	1.42
6	B	SOLID TRAFFIC STRIPE (WHITE) 8"	NM	0.73
7	C	SOLID TRAFFIC STRIPE (WHITE) 12"	NM	0.11
8	D	SOLID TRAFFIC STRIPE (WHITE) 18"	LF	1978
9	E	SOLID TRAFFIC STRIPE (WHITE) 24"	LF	615
10	J	SOLID TRAFFIC STRIPE (YELLOW) 18"	LF	431
11	K	DOUBLE YELLOW TRAFFIC STRIPE 6"	NM	0.69
12	H	SKIP WHITE TRAFFIC STRIPE (2' - 4') 6"	GM	0.39
13	F	SKIP WHITE TRAFFIC STRIPE (10' - 30') 6"	GM	0.10
14	G	SKIP WHITE TRAFFIC STRIPE (6' - 10') 6"	GM	0.24
15	M	SKIP YELLOW TRAFFIC STRIPE (6' - 10') 6"	GM	0.07
16		DIRECTIONAL ARROWS WHITE	EA	27
17	P	R.P.M. (BI-DIRECTIONAL AMBER/AMBER)	EA	422
18	T	R.P.M. (BI-DIRECTIONAL WHITE/RED)	EA	112
19	R	FDP WHITE	EA	57
20		BIKE LANE MARKING WITH ARROW	EA	23

ALL TRAFFIC STRIPES SHALL BE THERMOPLASTIC

LEGEND:

LF = LINEAR FEET
NM = NET MILE
GM = GROSS MILE
EA = EACH
AS = ASSEMBLY

STRIPING KEY

A = 6" SOLID WHITE
B = 8" SOLID WHITE
C = 12" SOILD WHITE
D = 18" SOLID WHITE
E = 24" SOLID WHITE
F = 6" SKIP WHITE TYP (10'-30')
G = 6" SKIP WHITE TYP (6'-10')
H = 6" SKIP WHITE TYP (2'-4')
I = 6" SOLID YELLOW
J = 18" SOLID YELLOW
K = 6" DOUBLE YELLOW
L = 6" SKIP YELLOW TYP (10'-30')
M = 6" SKIP YELLOW TYP (6'-10')
N = 6" SKIP YELLOW TYP (2'-4')
P = RPM BI-DIRECTIONAL AMBER/AMBER
R = FDP WHITE
S = FDP YELLOW
T = RPM BI-DIRECTIONAL WHITE/RED
U = RPM BI-DIRECTIONAL RED/YELLOW

NOTES:

1. IN ADDITION TO THE PROPOSED MARKINGS SHOWN IN THESE PLANS AND IN ACCORDANCE WITH PALM BEACH COUNTY REQUIREMENTS, EXISTING MARKINGS WILL BE REFURBISHED PER SHEET 2, CHART 1 OF THE PBC TYPICAL T-P-21.
2. ALL EXISTING FDOT/PALM BEACH COUNTY SIGNS WITHIN THE LIMITS OF CONSTRUCTION WHICH ARE TO BE RELOCATED OR REMOVED BY THE CONTRACTOR AND SHALL BE STOCKPILED WITHIN THE RIGHT-OF-WAY FOR REMOVAL OR RELOCATION BY PALM BEACH COUNTY FORCES. NOTIFY PALM BEACH COUNTY TRAFFIC OPERATIONS AT 561-233-3900.
3. CONTRACTOR SHALL EXERCISE CAUTION WHILE REMOVING AND/OR RELOCATING ANY EXISTING SIGNS IN ORDER TO PREVENT ANY UNNECESSARY DAMAGE TO THE SIGNS. SIGNS WHICH ARE DAMAGED BEYOND USE, AS DETERMINED BY PALM BEACH COUNTY, SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER EXPENSE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING EXISTING PAVEMENT MARKINGS BEFORE CONSTRUCTION IS COMMENCED AND THIS INFORMATION SHALL BE USED IN CONJUNCTION WITH TEMPORARY STRIPING AND FINAL STRIPING.
5. PAVEMENT MARKINGS AND GEOMETRICS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND PALM BEACH COUNTY TYPICAL NO. T-P-21.



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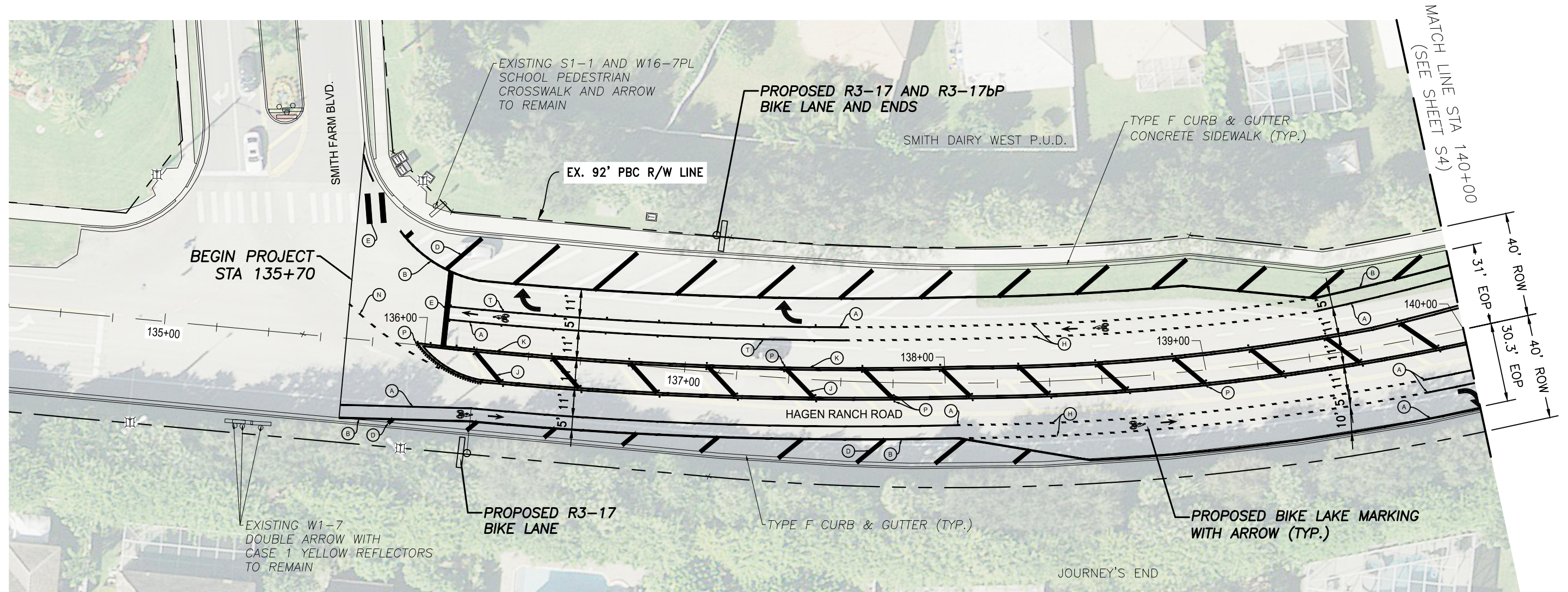
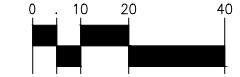
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APPROVED:	MW
DRAWN:	AZ
CHECKED:	RW
DATE:	08/28/24
FIELD BOOK NO.:	

SUMMARY OF QUANTITIES
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD
TO LANTANA ROAD

SHEET:	S-2
OF:	S-7
PROJECT NO.	19-1276
PBC JOB NO.	2019603



GRAPHIC SCALE



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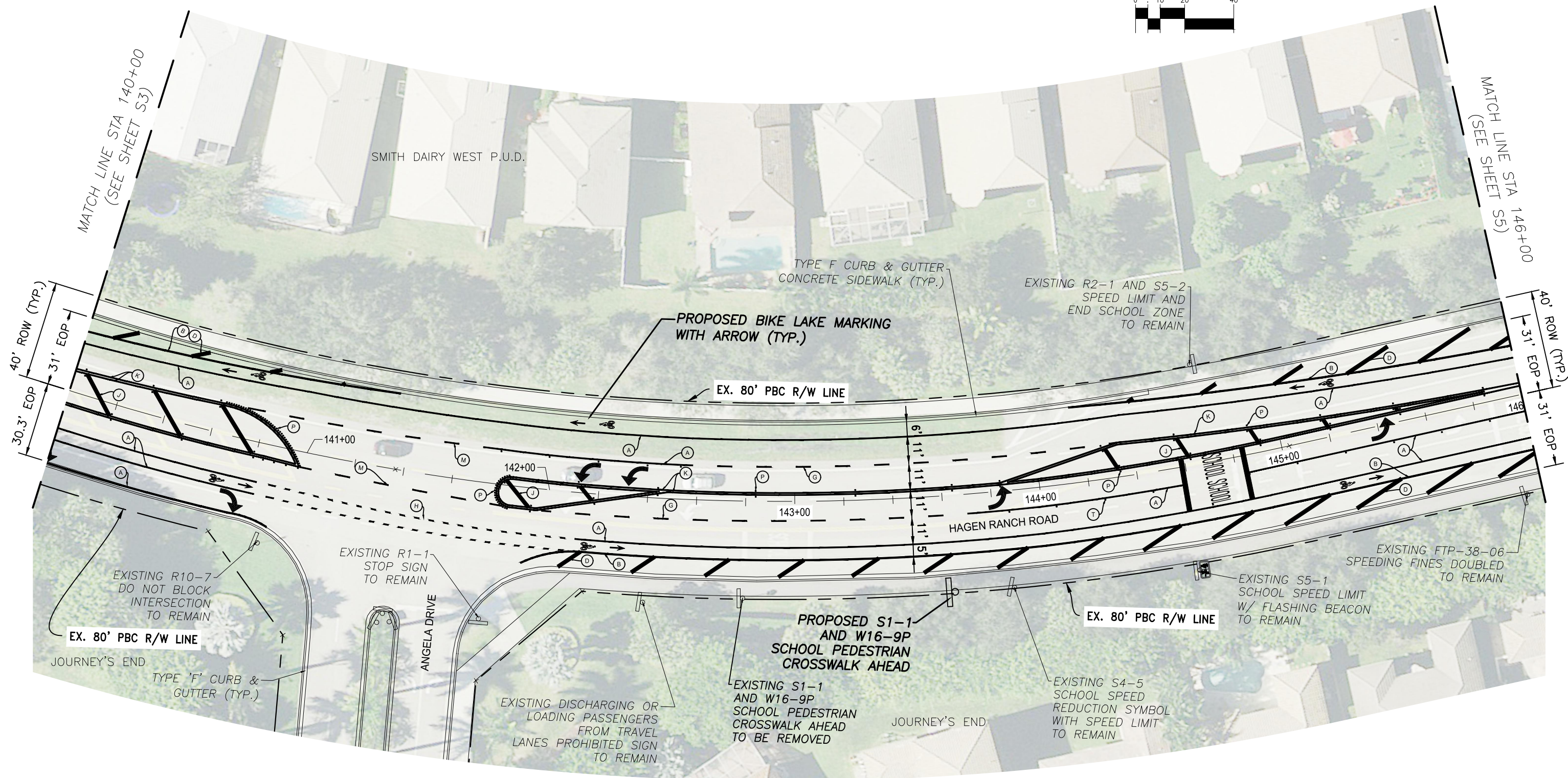
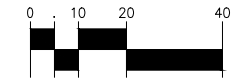
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SIGNING & MARKING PLAN
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD
TO LANTANA ROAD

SHEET: **S-3**
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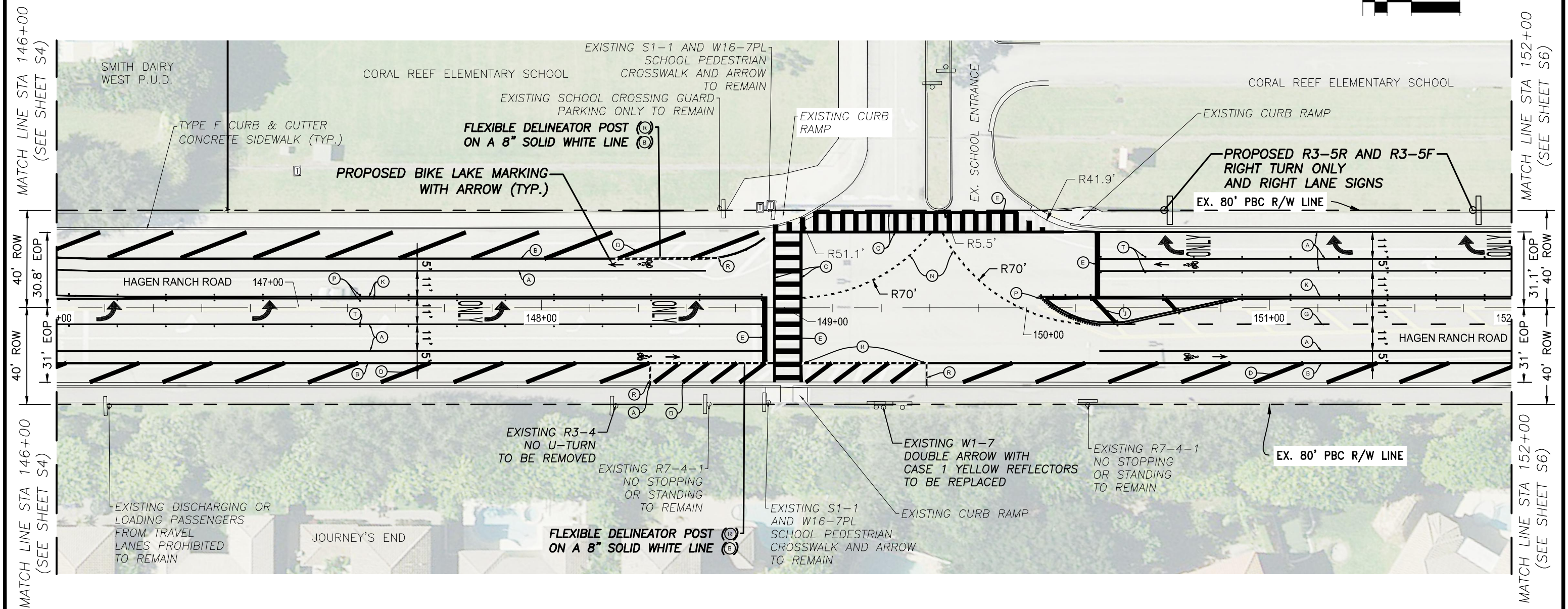
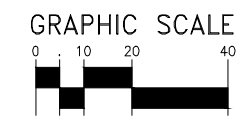
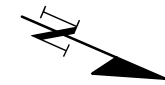


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SIGNING & MARKING PLAN
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD
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SHEET: **S-4**
OF: **S-7**
PROJECT NO. 19-1276
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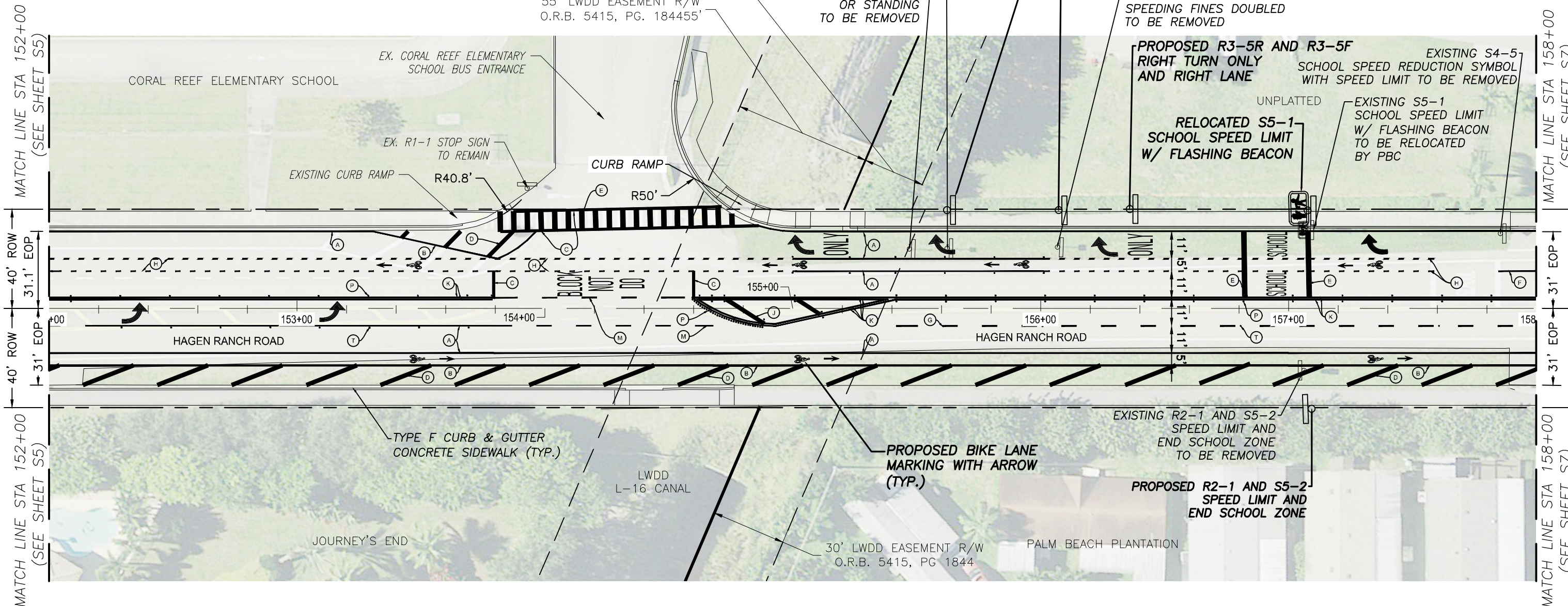


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SIGNING & MARKING PLAN
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD
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SHEET: S-5
OF: S-7
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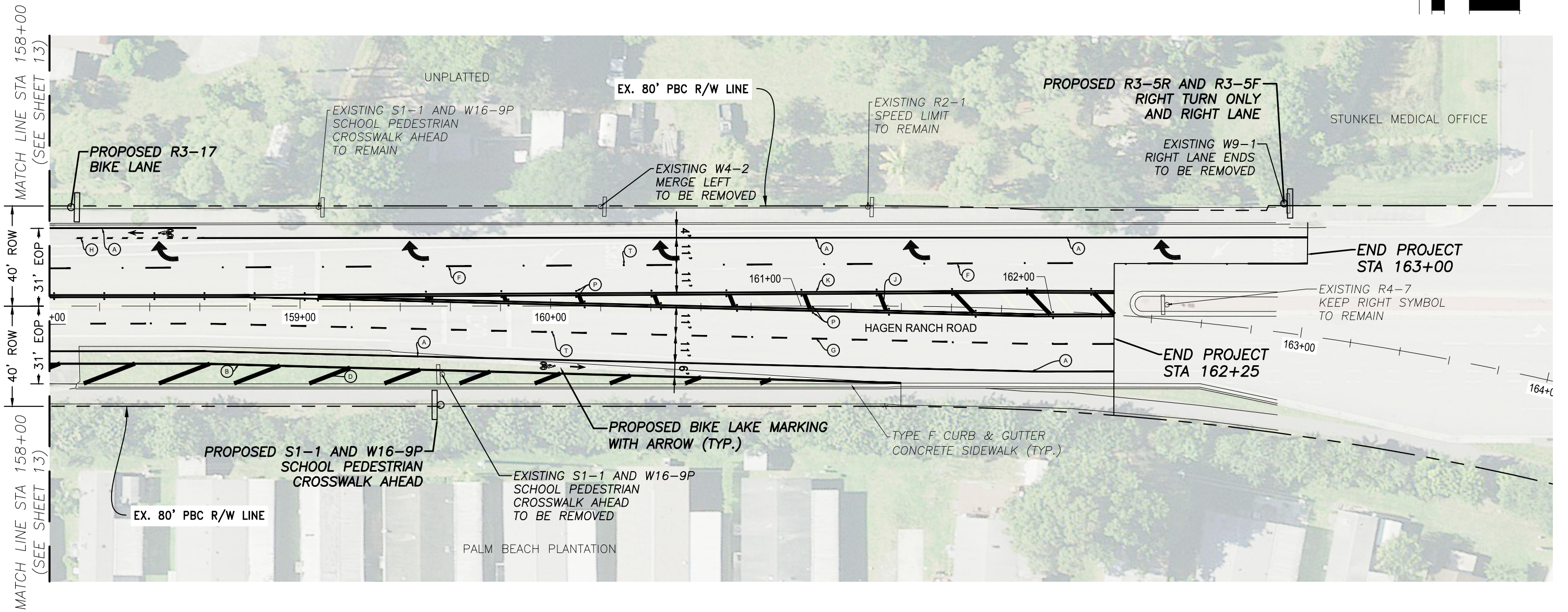
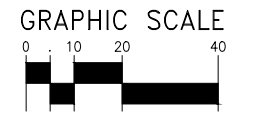
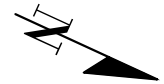


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SHEET: **S-6**
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SHEET: **S-7**
OF: **S-7**
PROJECT NO. 19-1276
PBC JOB NO. 2019603