

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS (FOR INFORMATION PURPOSE ONLY)
SIGNALIZATION PLANS

INDEX OF ROADWAY PLANS

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N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
ROADWAY PLANS

BOARD OF COUNTY COMMISSIONERS

PROJECT NO. 2018503

MARIA G. MARINO
DISTRICT 1

GREGG K. WEISS
DISTRICT 2

MARCI WOODWARD
VICE MAYOR
DISTRICT 4

SARA BAXTER
MAYOR
DISTRICT 6



JOEL FLORES
DISTRICT 3

MARIA SACHS
DISTRICT 5

BOBBY POWELL, JR.
DISTRICT 7

This item has been digitally signed and sealed by Majharul Alam on the date adjacent to the seal.

Signature must be verified on any electronic copies.

FINAL SUBMITTAL

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>

GOVERNING STANDARD SPECIFICATIONS:

Governing Specifications are contained in the contract documents for this project. All materials and construction within P.B.C. Right-Of-Way shall conform with the latest FDOT Standard Plans and latest M.U.T.C.D. and revisions will be in compliance with F.H.W.A. regulations.

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 PALM BEACH COUNTY ENGINEERING DEPARTMENT AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION.

APPROVED BY: MAJHARUL ALAM, P.E.

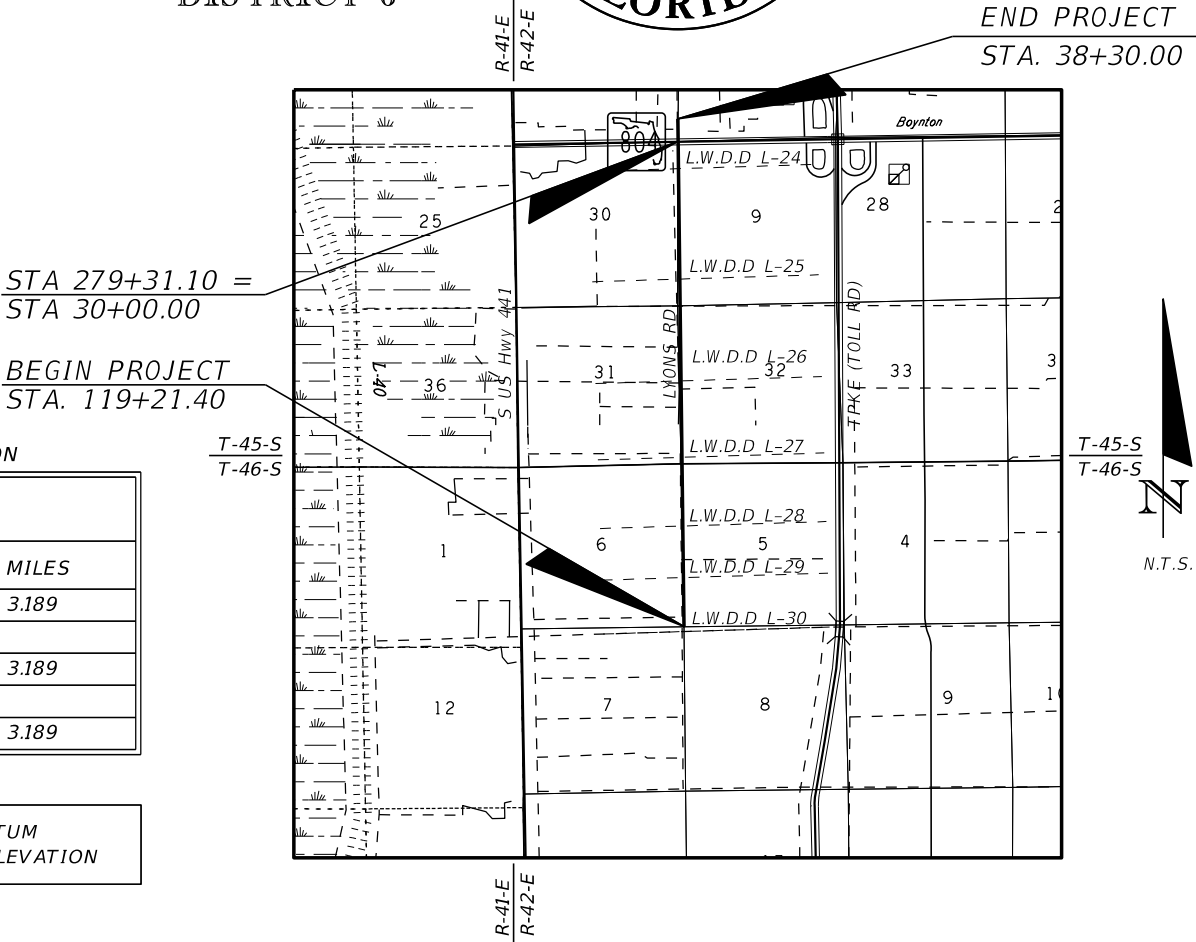
DATE: 3/9/2026

P.E. NO.: FL REGISTRATION NO. 61600

PROJECT LENGTH IS BASED ON Q OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	16839.70	3.189
BRIDGES		
NET LENGTH OF PROJECT	16839.70	3.189
EXCEPTIONS		
GROSS LENGTH OF PROJECT	16839.70	3.189

PLANS WERE PREPARED BASED ON THE NAVD 1988 DATUM
NGVD 1929 DATUM ELEVATION - 1.53 = NAVD 1988 DATUM ELEVATION



PROPEL ENGINEERING, LLC.
2711 N VISTA PARKWAY, SUITE B-7
WEST PALM BEACH, FLORIDA 33411
FLORIDA BUSINESS CERT. NO. 31050
PHONE (561) 866-5730

Seal:

MAJHARUL ALAM, PE
P.E.# 61600

No.	Revisions	By	Date



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

SCALE: N.T.S.
APPROVED: MA
DRAWN: EM
CHECKED: JJV
DATE: 3/9/2026

KEYSHEET

SHEET: 1
OF: 216
PROJECT NO. 2018503

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PAY ITEMS				
ROADWAY ITEMS				
ITEM NO	FDOT PAY ITEM NUMBER	ITEM DESCRIPTION	UNITS	QTY
1	0101 1	MOBILIZATION	LS	1.00
2	0102 1	MAINTENANCE OF TRAFFIC (INCLUDING PED. MOT)	LS	1.00
3	0110 1 1	CLEARING AND GRUBBING	LS	1.00
4	104 11	FLOATING TURBIDITY BARRIER	LF	35.00
5	0104 18	INLET PROTECTION SYSTEM	EA	84.00
6	0120 1	REGULAR EXCAVATION	CY	20779.00
7	0120 6	EMBANKMENT (COMPACTED IN PLACE)	CY	1568.00
8	N/A	CANAL EXCAVATION	CY	287.00
9	N/A	CANAL EMBANKMENT (COMPACTED IN PLACE)	CY	359.00
10	0285 713	OPTIONAL BASE, BASE GROUP 13	SY	33613.00
11	286 702	OPTIONAL BASE, BASE GROUP 02	sy	55.00
12	0327 70 1	MILL EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	98551.00
13	0334 1 13	SUPERPAVE ASPHALT CONCRETE (TRAFFIC C)	TN	2774.40
14	0337 7 82	ASPHALT CONCRETE FRICTION COURSE (1.0") (FC-9.5)	TN	7268.70
15	0400 4 1	CONCRETE CLASS IV, CULVERTS	CY	68.40
16	0415 1 1	REINFORCING STEEL-ROADWAY	LB	15390.00
17	0425 1351	INLETS (CURB)(TYPE P-5)	EA	2.00
18	0425 1355	INLETS (CURB)(TYPE P-5)(PARTIAL)	EA	12.00
19	0425 1361	INLETS (CURB)(TYPE P-6)	EA	1.00
20	0425 1365	INLETS (CURB)(TYPE P-6)(PARTIAL)	EA	19.00
21	0425 1525	INLETS (DITCH BOTTOM)(TYPE C)(PARTIAL)	EA	1.00
22	0425 1545	INLETS (DITCH BOTTOM)(TYPE D)(PARTIAL)	EA	3.00
23	0425 2 43	MANHOLE TYPE P-7 (PARTIAL)	EA	2.00
24	0425 4	ADJUST INLETS	EA	3.00
25	425 5	ADJUST DRAINAGE MANHOLE	EA	2.00
26	N/A	YARD DRAIN	EA	19.00
27	0430 175112	CONCRETE PIPE CULVERT (12")	LF	76.00
28	0430 175118	CONCRETE PIPE CULVERT (18")	LF	13.00
29	N/A	STORM SEWER PUMPING (EXIST.) (24" OR LESS) (SEE SP'S)	LF	7,882.00
30	N/A	STORM SEWER PUMPING (EXIST.) (>24" TO 48") (SEE SP'S)	LF	7,292.00
31	0520 1 10	CONCRETE CURB & GUTTER (TYPE F)	LF	36182.00
32	0522 1	CONCRETE SIDEWALK (4" THICK)	SY	143.00
33	0522 2	CONCRETE SIDEWALK & DRIVEWAY (6" THICK)	SY	379.00
34	0570 1 2	SODDING	SY	34859.00
35	0530 3 3	RIPRAP, RUBBLE, BANK AND SHORE	TN	82.00
36	0630 2 11 2A	2 - 2" PVC CONDUITS (SCH 40) (OPEN TRENCH)	LF	8519.00
37	0630 2 12 2 2	2 - 2" PVC CONDUITS (SCH 40) (DIRECTIONAL BORE)	LF	1209.00
38	633-1-121	FIBER OPTIC CABLE, F&I UNDERGROUND 2-12 FSM FIBRES	LF	1000.00
39	0633 1122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	18000.00
40	633-2-31	FIBER OPTIC CONNECTION, INSTALL , SPLICE	EA	4.00
41	633-3-12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	4.00
42	0635-2-11	PULL BOX (SMALL)	EA	14.00
43	0635-2-15	PULL BOX (LARGE)	EA	8.00
PBCWUD ITEMS				
ITEM NO		ITEM DESCRIPTION	UNITS	QTY
44	0425 6	ADJUST VALVE BOXES	EA	46.00
CONTINGENCY ITEMS				
ITEM NO		ITEM DESCRIPTION	UNITS	QTY
45	0121 70	FLOWABLE FILL	CY	50.00
46	0102 14	TRAFFIC CONTROL OFFICER (NON MOT)	HR	40.00
47	0102 99	CHANGEABLE (VARIABLE MESSAGE) SIGN (NON MOT)	ED	7.00
48	N/A	STORM SEWER CLEANING (EXIST.) (24" OR LESS) (SEE SP'S)	LF	7,892.00
49	N/A	STORM SEWER CLEANING (EXIST.) (> 24" to 48") (SEE SP'S)	LF	7,292.00
50	N/A	BOX CULVERT CLEANING (EXIST.) (10'X6') (SEE SP'S)	LF	98.00
51	N/A	SUPPORT EXISTING UTILITIES DURING PROPOSED UTILITIES /DRAINAGE INSTALLATION	LF	500.00

PAY ITEM & CONTINGENCY ITEM FOOTNOTES

ITEM 2	INCLUDES ALL ITEMS FOR MAINTENANCE OF TRAFFIC WHICH ARE NOT INCLUDED FOR PAYMENT UNDER SEPARATE ITEMS.INCLUDES THE PREPARATION OF TEMPORARY TRAFFIC CONTROL PLANS.
	INCLUDES PEDESTRIAN MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH THE SPECIFICATIONS. INCLUDES TEMPORARY PAVEMENT MARKINGS & SIGNAL.
ITEM 3	INCLUDES REMOVAL OF EXISTING; DRAINAGE STRUCTURES & PIPES; CULVERTS; SIGNS; FENCE; HEDGE; CURBS; SIDEWALKS; ASPHALT; BASE; CONCRETE; GUARDRAIL; TEMPORARY CONSTRUCTION DETOURS; CAPPING OR MODIFYING MONITORING WELLS AND ANY OTHER ITEMS TO BE REMOVED THAT ARE NOT SPECIFICALLY COVERED UNDER ANOTHER SEPARATE PAY ITEM. INCLUDES TREE REMOVAL AND TRIMMING FOR UTILITY INSTALLATION. INCLUDES ALL SAW CUTTING AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND CAPPING IRRIGATION SYSTEM.
ITEM 10	INCLUDES 12" THICK COMPACTION OF SUBGRADE PER FDOT STANDARDS.
ITEM 13	INCLUDES BITUMINOUS MATERIAL, PRIME COAT AND TACK COAT, AS REQUIRED. INCLUDES REMOVAL OF EXISTING RPM'S, SAWCUTTING AND REMOVAL OF EXISTING ASPHALT AT BUTT JOINT, TIE-IN EXISTING PAVEMENT.
ITEM 15-28	ITEMS INCLUDE SAW-CUTTING AND REMOVAL OF EXISTING PIPE; CORE DRILLING OR CONCRETE COLLARS TO JOIN NEW PIPE TO EXISTING PIPE; AND ALL REPAIR/RESTORATION OF EXISTING FACILITIES AND SURFACES AS REQUIRED, INCLUDING ANY/ALL SHORING, SHEETING AND BRACING AND/OR TRENCH BOXES AS REQUIRED FOR CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. INCLUDES THE COST OF FABRICATION, FURNISHING AND INSTALLING ALL COMPONENTS OF STORM WATER CONTROL STRUCTURE(S) AS DETAILED IN THE PLANS. INCLUDES THE COST OF ALL LABOR AND MATERIAL FOR "OPEN-CUT" PAVEMENT REPAIRS. THE COST OF PIPE SHALL INCLUDE THE COST OF BACK FILLING REQUIRED OVER PIPES TO FINISHED GRADES AS SHOWN ON THE PLANS.THE COST OF INLET SHALL INCLUDE THE COST OF APRON AT TRIANGULAR SLOT AS SHOWN IN PLAN
ITEM 31	INCLUDES THE COST OF CURB PAD, DROP CURB, AND MODIFIED TYPE F CURB AND GUTTER.
ITEM 32-33	THE COST OF DETECTABLE WARNING SURFACES AND ADA RAMPS ARE INCLUDED IN THE COST OF THIS PAY ITEM. INCLUDES COST OF CONCRETE SLABS.
ITEM 400-4-1	ITEM COVERS THE COST OF CONCRETE FOR BOX CULVERT AND HEALWALL
ITEM 415-1-1	ITEM COVERS ALL REINFORCEMENT.



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FLORIDA BUSINESS CERT. NO. 31050
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Seal:

MAJHARUL ALAM, PE
P.E.# 61600

No.	Revisions	By	Date



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

MohammadKhan

SCALE: N.T.S.
APPROVED: MA
DRAWN: EM
CHECKED: JJV
DATE:3/9/2026

3/9/2026

LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
SUMMARY OF PAY ITEMS

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SHEET: 2
OF: 216
PROJECT NO.
2018503

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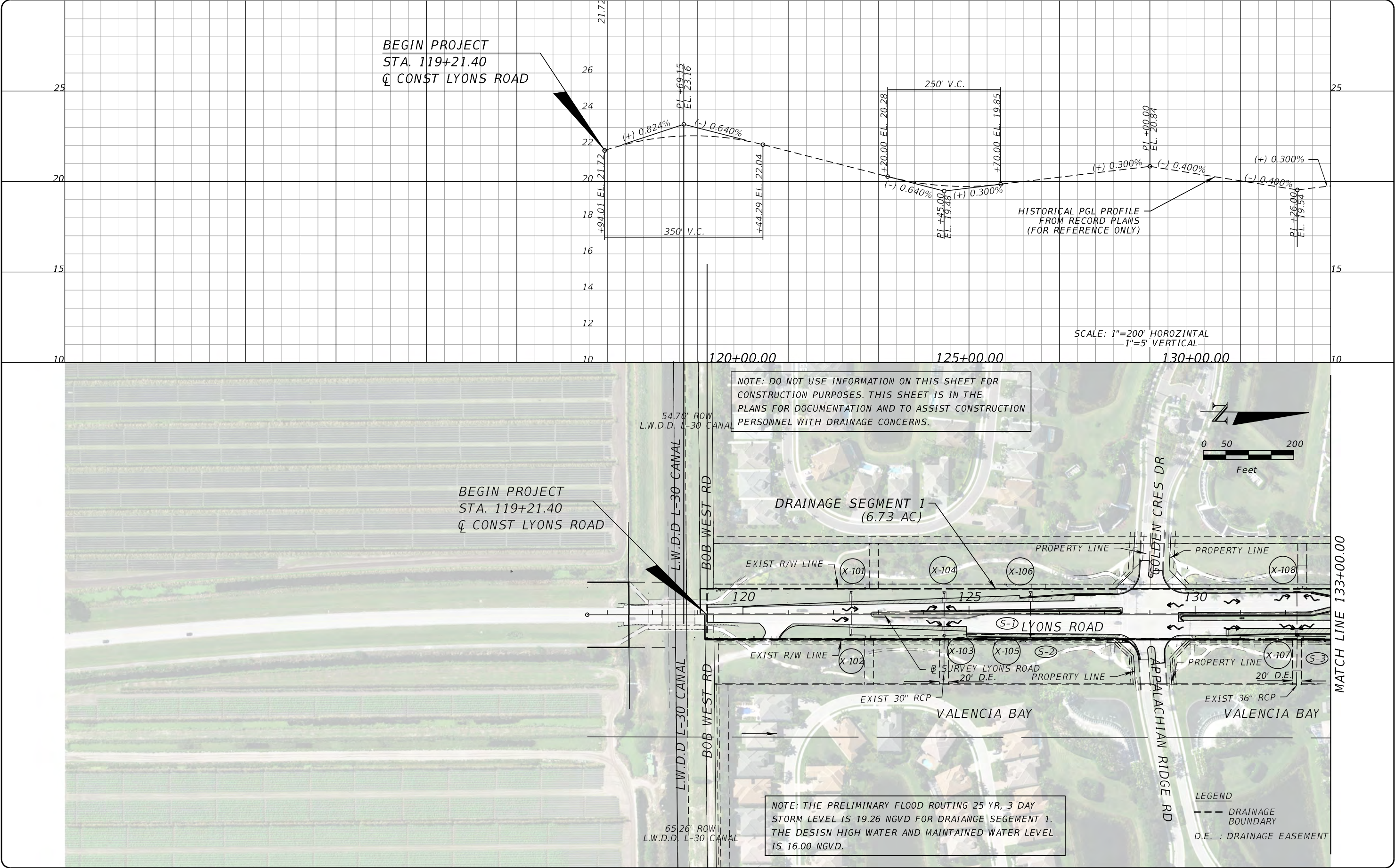
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LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.

DRAINAGE MAP

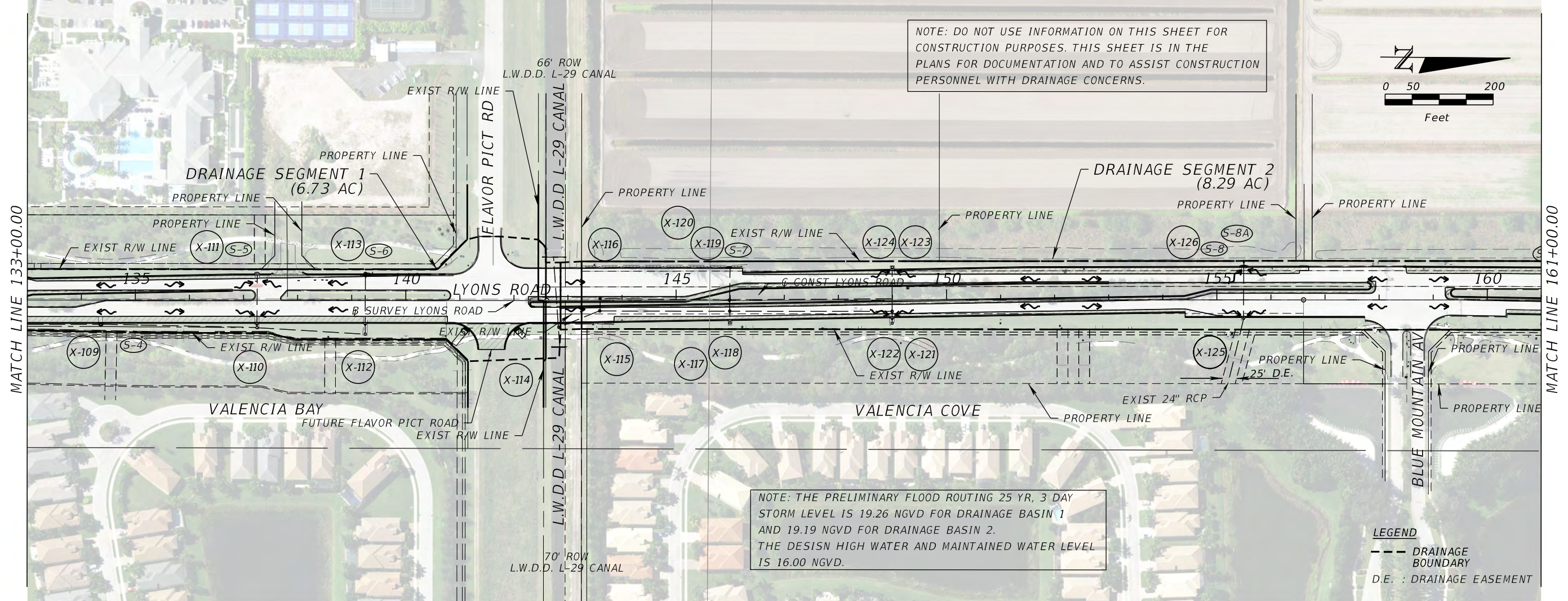
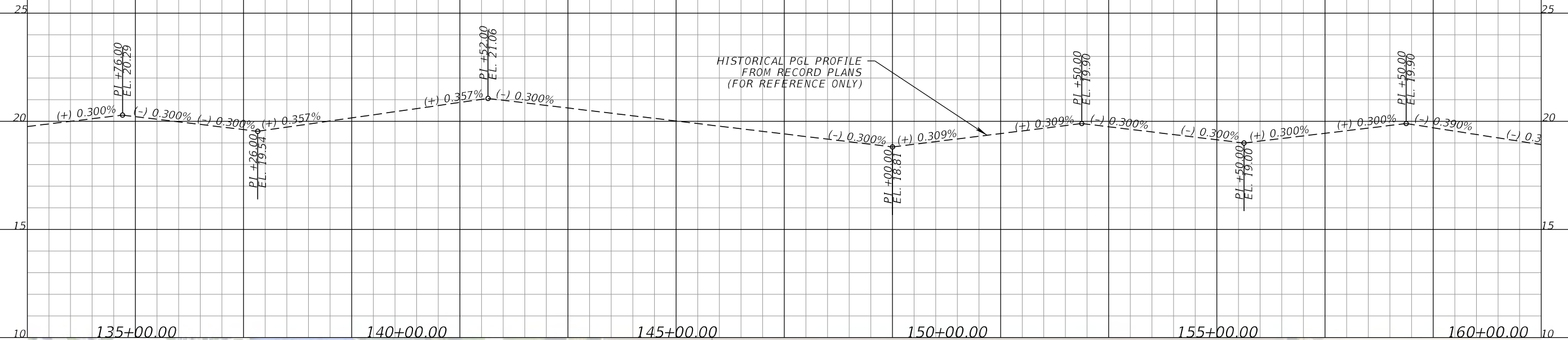
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OF: 216

PROJECT NO.
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LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
DRAINAGE MAP

SHEET: 4
OF: 216
PROJECT NO.
2018503

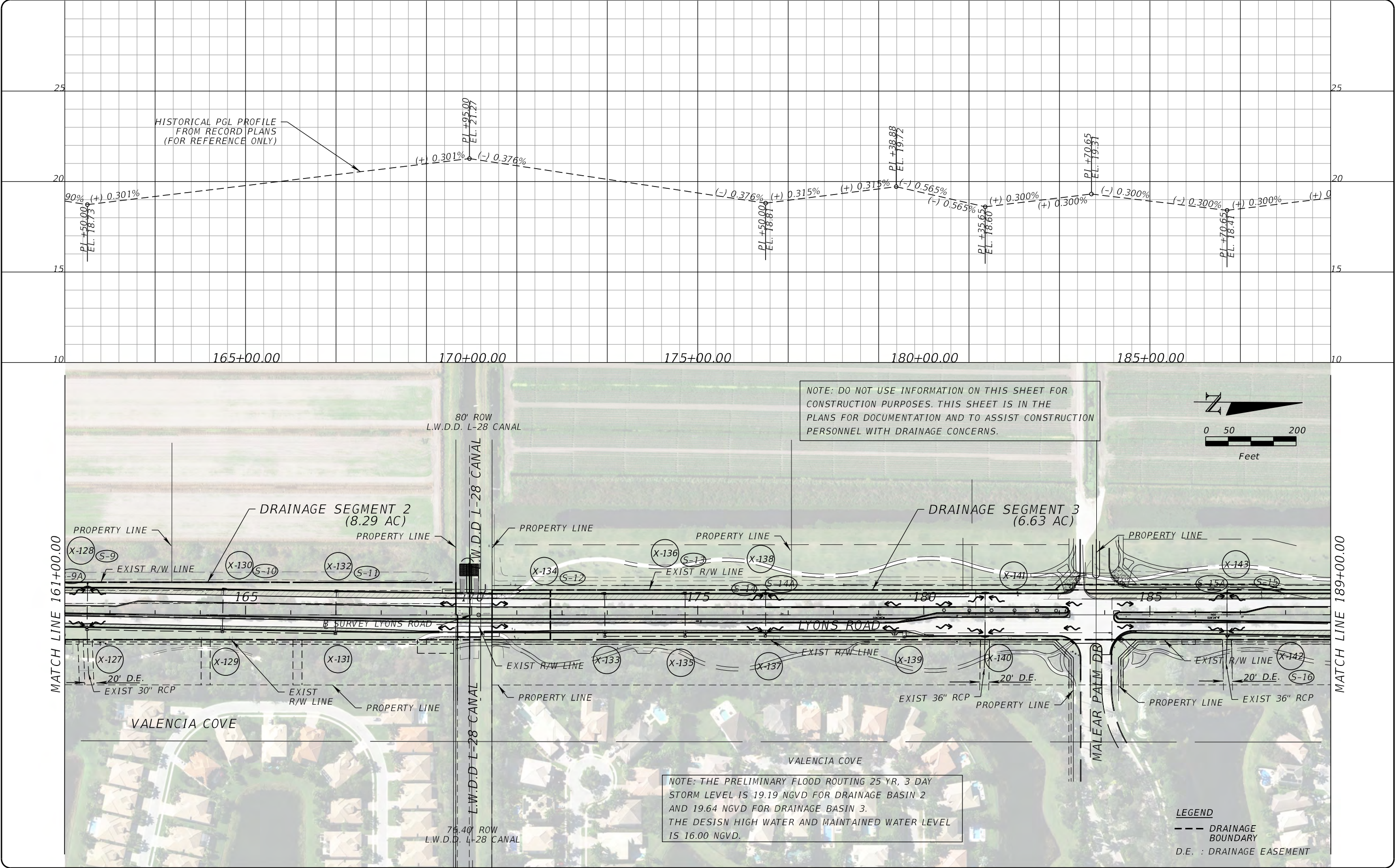
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FLORIDA BUSINESS CERT. NO. 31050
PHONE (561) 866-5730

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

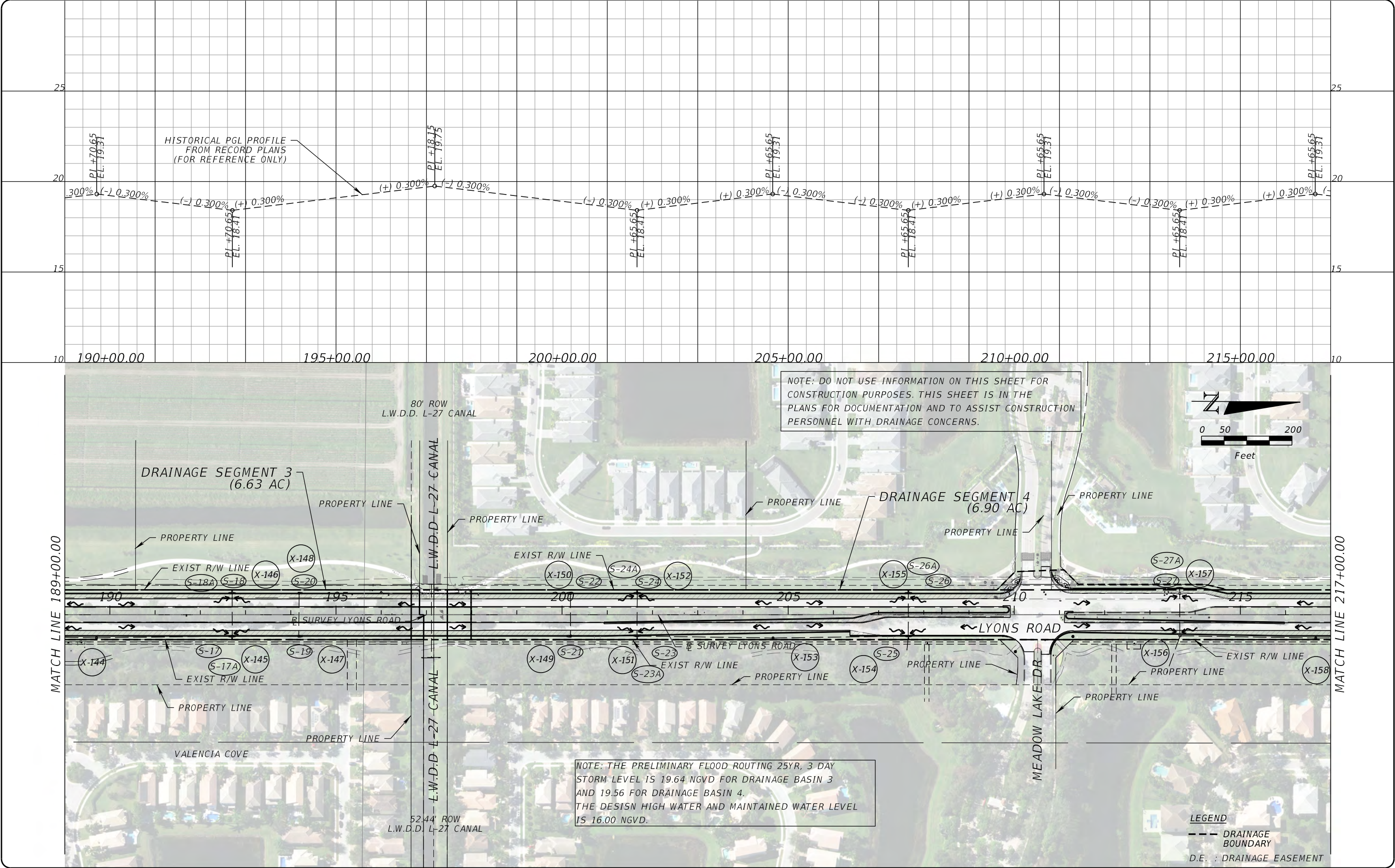
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LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
DRAINAGE MAP

SHEET: 5
OF: 216
PROJECT NO. 2018503

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FLORIDA BUSINESS CERT. NO. 31050
PHONE (561) 866-5730

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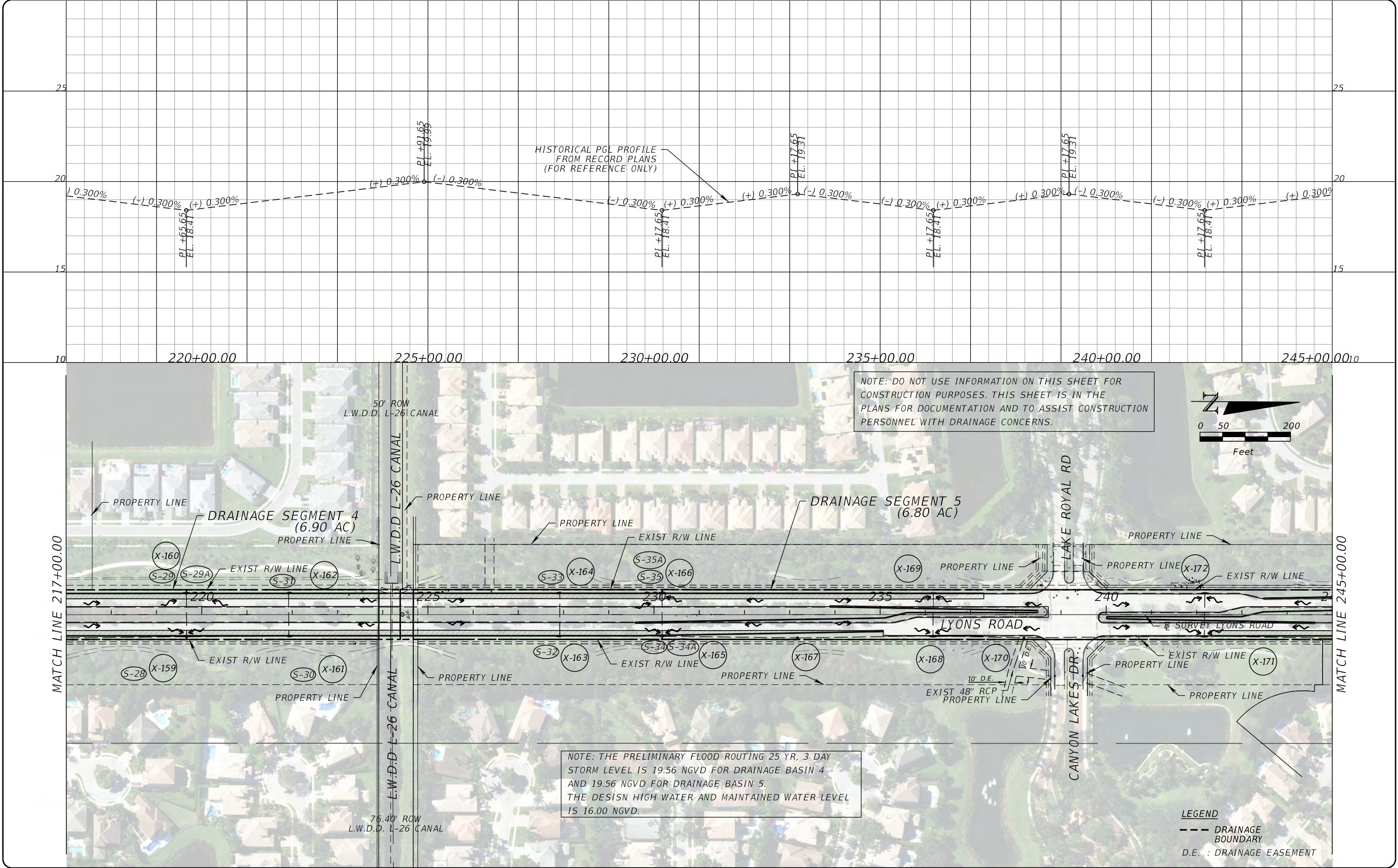
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P.O. BOX 21229, WEST PALM BEACH, FLORIDA

SCALE: N.T.S.
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DATE: 3/9/2026

LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
DRAINAGE MAP

SHEET: 6
OF: 216
PROJECT NO. 2018503

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P.E.# x

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PALM BEACH COUNTY
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3/9/2026

LYONS ROAD
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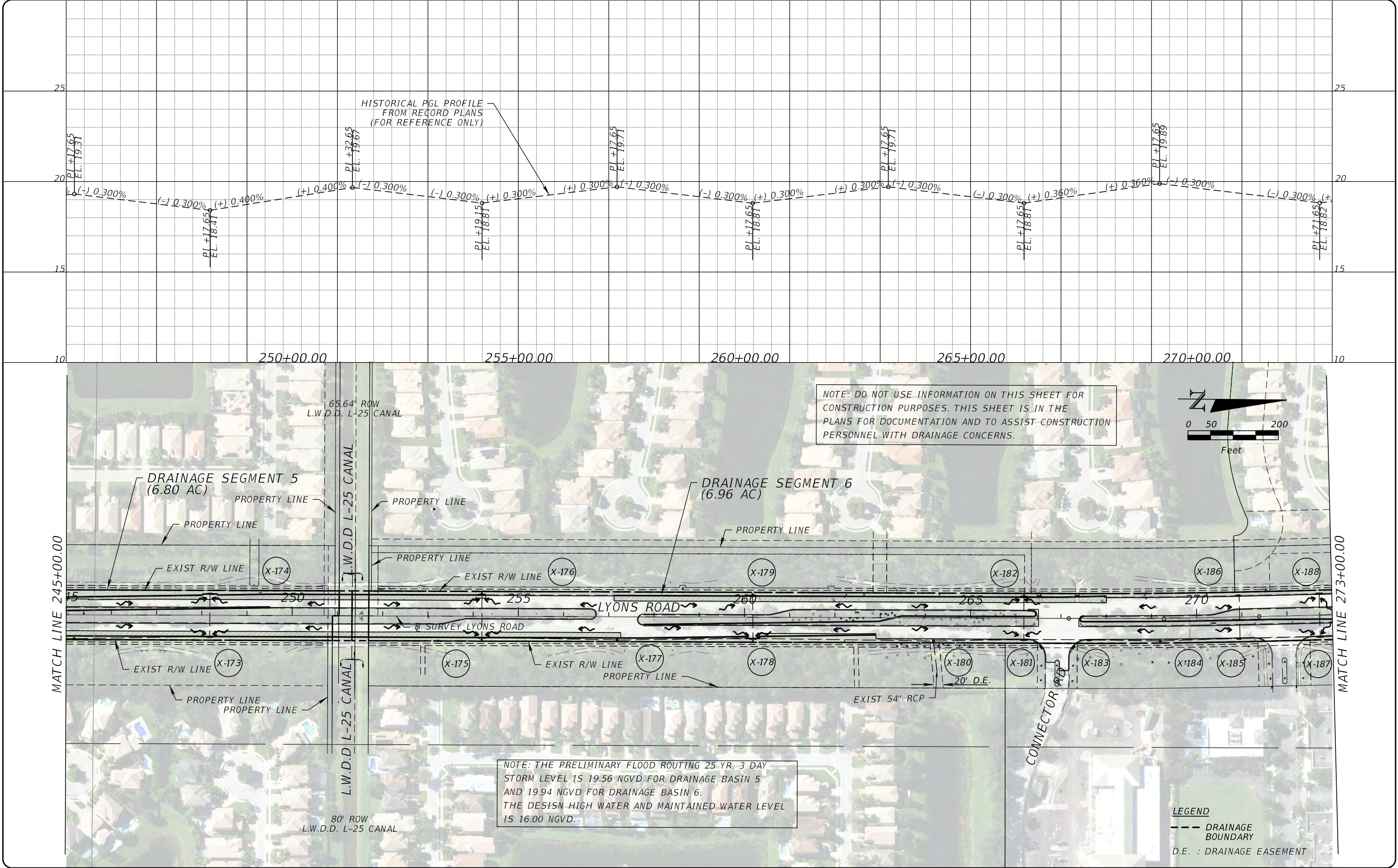
DRAINAGE MAP

SHEET: 7
OF: 216

PROJECT NO.
2018503

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FLORIDA BUSINESS CERT. NO. 31050
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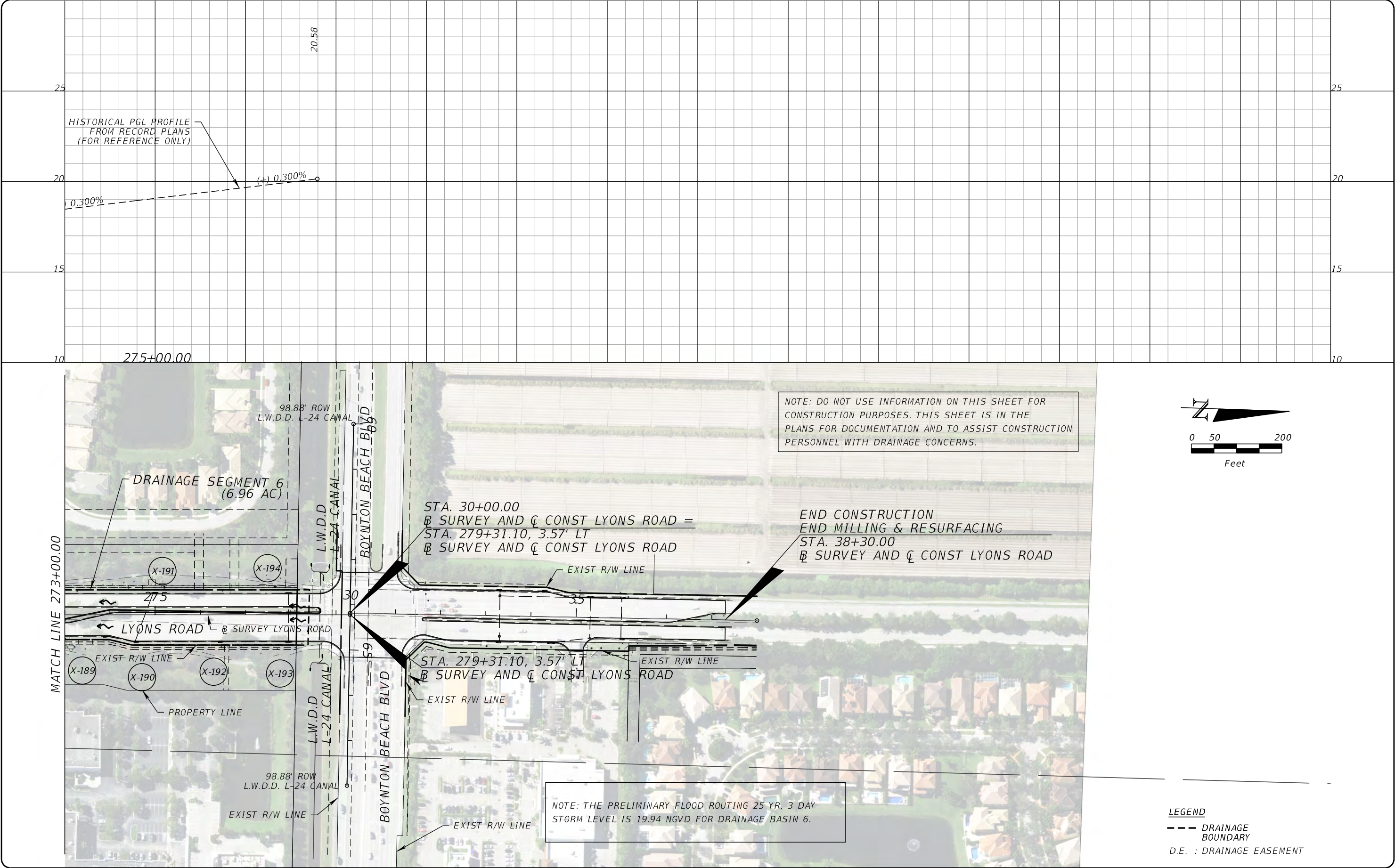
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LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
DRAINAGE MAP

SHEET: 8
OF: 216
PROJECT NO. 2018503

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**PALM BEACH COUNTY**
ENGINEERING AND PUBLIC WORKS
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LYONS ROAD
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DRAINAGE MAP

SHEET: 9
OF: 216
PROJECT NO. 2018503

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X-101	STA. 122+39.20 (49.52' RT) DBI TYPE "P-X" RIM ELEV. = 18.21 INVERT ELEV. E = 11.73 BOTTOM ELV. = 9.77	X-115	STA. 543+58.69 (28.63' RT) MANHOLE RIM ELEV. = 20.39 INVERT ELEV. N = 13.14 INVERT ELEV. S = 13.05 INVERT ELEV. W = 13.16	X-128	STA. 561+50.20 (47.68' LT) DBI TYPE "P-X" RIM ELEV. = 16.91 INVERT ELEV. W = 9.76 BOTTOM ELV. = 7.76	X-142	STA. 186+70.85 (46.90' RT) DBI TYPE "P-X" RIM ELEV. = 17.85 INVERT ELEV. N = 10.22 INVERT ELEV. E = 9.84 INVERT ELEV. W = 10.57 BOTTOM ELV. = 8.76	X-156	STA. 213+66.46 (46.72' RT) DBI TYPE "P-X" RIM ELEV. = 17.95 INVERT ELEV. N = 10.18 INVERT ELEV. E = 9.95 INVERT ELEV. W = 10.61 BOTTOM ELV. = 8.12	X-170	STA. 238+18.32 (51.36' RT) MANHOLE RIM ELEV. = 18.95 INVERT ELEV. N = 8.88 INVERT ELEV. E = 9.41 INVERT ELEV. S = 9.49 BOTTOM ELV. = 7.20	X-184	STA. 269+19.16 (50.53' RT) MANHOLE RIM ELEV. = 19.71 INVERT ELEV. N = 9.67 INVERT ELEV. S = 9.54 BOTTOM ELV. = 8.11
X-102	STA. 122+39.49 (45.01' RT) DBI TYPE "P-X" RIM ELEV. = 18.07 INVERT ELEV. N = 11.50 INVERT ELEV. W = 11.58 BOTTOM ELV. = 9.47	X-116	STA. 543+59.49 (5.86' RT) MANHOLE TOP = 21.31 INVERT ELEV. N = 13.14 INVERT ELEV. E = 13.16	X-129	STA. 564+49.54 (47.33' RT) DBI TYPE "P-X" RIM ELEV. = 17.69 INVERT ELEV. S = 13.21 INVERT ELEV. W = 13.74 BOTTOM ELV. = 11.05	X-143	STA. 186+70.51 (47.26' LT) DBI TYPE "P-X" RIM ELEV. = 17.92 INVERT ELEV. E = 10.77 BOTTOM ELV. = 8.95	X-157	STA. 213+66.00 (47.00' LT) CURB INLET TYPE P-6 RIM ELEV. = 17.45 INVERT ELEV. E = 10.83 (TO BE VERIFIED) BOTTOM ELV. = 8.74 STA. 216+66.91 (51.51' RT) MANHOLE RIM ELEV. = 19.26 INVERT ELEV. N = 10.35 INVERT ELEV. S = 10.36 BOTTOM ELV. = 9.88	X-171	STA. 242+21.35 (46.03' RT) CURB INLET RIM ELEV. = 17.78 INVERT ELEV. W = 10.30 BOTTOM ELV. = 8.26	X-185	STA. 270+96.31 (44.44' RT) CURB INLET RIM ELEV. = 18.85 INVERT ELEV. N = 9.82 INVERT ELEV. W = 10.34 INVERT ELEV. S = 9.78 BOTTOM ELV. = 7.87
X-103	STA. 524+44.81 (45.40' RT) DBI TYPE "P-X" RIM ELEV. = 17.49 INVERT ELEV. N = 10.49 INVERT ELEV. E = 10.50 INVERT ELEV. S = 10.74 INVERT ELEV. W = 10.72 BOTTOM ELV. = 8.43	X-117	STA. 547+99.12 (51.31' RT) DBI TYPE "P-X" RIM ELEV. = 17.83 INVERT ELEV. W = 14.09 BOTTOM ELEV. = 12.16	X-130	STA. 564+49.87 (47.16' LT) DBI TYPE "P-X" RIM ELEV. = 17.62 INVERT ELEV. E = 13.94 BOTTOM ELV. = 11.99	X-144	STA. 189+70.34 (51.25' RT) MANHOLE RIM ELEV. = 19.21 INVERT ELEV. N = 10.33 INVERT ELEV. S = 10.36 BOTTOM ELV. = 8.29	X-158	STA. 219+66.50 (48.90' RT) DBI TYPE "P-X" RIM ELEV. = 17.94 INVERT ELEV. N = 10.94 INVERT ELEV. S = 10.66 INVERT ELEV. W = 10.71 BOTTOM ELV. = 8.46	X-172	STA. 242+16.68 (48.28' LT) CURB INLET RIM ELEV. = 17.78 INVERT ELEV. E = 10.30 BOTTOM ELV. = 8.26	X-186	STA. 270+96.51 (49.35' LT) CURB INLET RIM ELEV. = 18.87 INVERT ELEV. W = 10.81 BOTTOM ELV. = 8.76
X-104	STA. 524+45.09 (48.90' LT) DBI TYPE "P-X" RIM ELEV. = 17.64 INVERT ELEV. E = 11.01 BOTTOM ELV. = 9.08	X-118	STA. 545+98.97 (29.42' RT) MANHOLE TOP = 19.60 INVERT ELEV. N = 14.00 INVERT ELEV. E = 14.00 INVERT ELEV. S = 14.00 INVERT ELEV. W = 14.01 BOTTOM ELEV. = 12.01	X-131	STA. 566+99.64 (46.99' RT) DBI TYPE "P-X" RIM ELEV. = UNKNOWN INVERT ELEV. S = UNKNOWN INVERT ELEV. W = UNKNOWN BOTTOM ELV. = UNKNOWN	X-145	STA. 192+70.63 (47.17' RT) DBI TYPE "P-X" RIM ELEV. = 17.88 INVERT ELEV. N = 10.87 INVERT ELEV. S = 10.55 INVERT ELEV. W = 10.63 BOTTOM ELV. = 8.57	X-159	STA. 219+65.89 (47.02' LT) DBI TYPE "P-X" RIM ELEV. = 17.93 INVERT ELEV. E = 10.71 BOTTOM ELV. = 8.72	X-173	STA. 248+18.25 (46.22' RT) CURB INLET RIM ELEV. = 17.78 INVERT ELEV. E = 10.30 BOTTOM ELV. = 8.26	X-187	STA. 272+70.51 (46.26' RT) CURB INLET RIM ELEV. = 18.77 INVERT ELEV. N = 9.89 INVERT ELEV. W = 10.45 INVERT ELEV. S = 9.98 BOTTOM ELV. = 8.07
X-105	STA. 526+36.00 (43.88' RT) TYPE "P-5" RIM ELEV. = 19.67 INVERT ELEV. W = 10.78 INVERT ELEV. S 10.56 BOTTOM ELV. = 8.72	X-119	STA. 545+98.63 (8.96' LT) MANHOLE TOP = 20.32 INVERT ELEV. N = 13.46 INVERT ELEV. E = 13.51 INVERT ELEV. S = 13.35 INVERT ELEV. W = 13.54 BOTTOM ELEV. = 11.11	X-132	STA. 566+99.85 (47.08' LT) DBI TYPE "P-X" RIM ELEV. = 18.56 INVERT ELEV. E = 14.72 BOTTOM ELV. = 12.74	X-146	STA. 192+70.18 (47.71' LT) DBI TYPE "P-X" RIM ELEV. = 17.86 INVERT ELEV. E = 10.77 BOTTOM ELV. = 8.99	X-160	STA. 221+92.11 (46.99' RT) DBI TYPE "P-X" RIM ELEV. = 18.71 INVERT ELEV. S = 11.33 INVERT ELEV. W = 11.27 BOTTOM ELV. = 9.22	X-174	STA. 254+19.00 (46.00' RT) CURB INLET RIM ELEV. = 18.27 INVERT ELEV. W = 10.62 BOTTOM ELV. = 8.50	X-188	STA. 272+70.74 (48.80' LT) CURB INLET RIM ELEV. = 18.72 INVERT ELEV. N = 10.84 BOTTOM ELV. = 9.14
X-106	STA. 526+36.09 (48.55' LT) DBI TYPE "P-X" RIM ELEV. = 18.16 INVERT ELEV. E = 11.17 BOTTOM ELV. = 9.03	X-120	STA. 548+99.37 (49.49' LT) CURB INLET TOP = 19.10 INVERT ELEV. = 13.61	X-133	STA. 572+94.98 (47.39' RT) DBI TYPE "P-X" RIM ELEV. = 18.55 INVERT ELEV. N = 11.64 INVERT ELEV. W = 11.76 BOTTOM ELV. = 9.89	X-147	STA. 194+17.88 (47.18' RT) DBI TYPE "P-X" RIM ELEV. = 18.31 INVERT ELEV. S = 10.98 INVERT ELEV. W = 10.97 BOTTOM ELV. = 9.04	X-161	STA. 221+91.96 (47.29' LT) DBI TYPE "P-X" RIM ELEV. = 18.56 INVERT ELEV. E = 11.55 BOTTOM ELV. = 9.56	X-175	STA. 254+19.00 (45.98' LT) CURB INLET RIM ELEV. = 18.21 INVERT ELEV. E = 10.89 BOTTOM ELV. = 8.96	X-189	STA. 273+89.37 (46.60' RT) CURB INLET RIM ELEV. = 19.04 INVERT ELEV. N = 10.03 INVERT ELEV. S = 10.03 BOTTOM ELV. = 7.88
X-107	STA. 532+25.69 (47.43' RT) DBI TYPE "P-X" RIM ELEV. = 17.35 INVERT ELEV. N = 8.81 INVERT ELEV. E = 8.84 INVERT ELEV. E = 10.63 BOTTOM ELV. = 6.76	X-121	STA. 548+99.09 (54.44' RT) BDI TYPE C RIM ELEV. = 16.95 INVERT ELEV. W = 14.45 BOTTOM ELEV. = 12.51	X-134	STA. 172+94.40 (47.08' LT) DBI TYPE "P-X" RIM ELEV. = 18.26 INVERT ELEV. E = 11.97 BOTTOM ELV. = 9.91	X-148	STA. 194+18.17 (47.25' LT) DBI TYPE "P-X" RIM ELEV. = 18.28 INVERT ELEV. E = 11.23 BOTTOM ELV. = 9.42	X-162	STA. 227+91.35 (47.20' RT) DBI TYPE "P-X" RIM ELEV. = 18.56 INVERT ELEV. E = 11.55 BOTTOM ELV. = 9.56	X-177	STA. 257+18.64 (51.32' RT) MANHOLE RIM ELEV. = 19.19 INVERT ELEV. N = 10.30 INVERT ELEV. S = 10.29 BOTTOM ELV. = 8.47	X-190	STA. 274+54.20 (55.60' RT) CURB INLET RIM ELEV. = 18.88 INVERT ELEV. N = 10.13 INVERT ELEV. W = 10.08 INVERT ELEV. S = 10.62 BOTTOM ELV. = 8.07
X-108	STA. 532+25.38 (45.89' LT) DBI TYPE "P-X" RIM ELEV. = 19.13 INVERT ELEV. E = 10.72 BOTTOM ELV. = 8.85	X-122	STA. 548+99.16 (32.47' RT) MANHOLE TOP. = 18.62 INVERT ELEV. E = 14.30 INVERT ELEV. S = 14.20 INVERT ELEV. W = 14.29 BOTTOM ELEV. = 12.12	X-135	STA. 174+72.47 (47.25' RT) DBI TYPE "P-X" RIM ELEV. = 17.72 INVERT ELEV. N = 11.36 INVERT ELEV. S = 11.31 INVERT ELEV. W = 11.38 BOTTOM ELV. = 9.54	X-149	STA. 200+18.92 (46.81' RT) DBI TYPE "P-X" RIM ELEV. = 18.40 INVERT ELEV. N = 10.12 INVERT ELEV. W = 10.15 BOTTOM ELV. = 7.99	X-163	STA. 227+91.64 (47.35' LT) DBI TYPE "P-X" RIM ELEV. = 18.60 INVERT ELEV. E = 11.57 BOTTOM ELV. = 9.67	X-178	STA. 260+19.00 (46.01' RT) CURB INLET RIM ELEV. = 18.25 INVERT ELEV. W = 10.35 BOTTOM ELV. = 8.11	X-191	STA. 274+94.07 (48.90' LT) CURB INLET RIM ELEV. = 19.37 INVERT ELEV. E = 11.36 BOTTOM ELV. = 9.33
X-109	STA. 534+35.69 (47.88' RT) DBI TYPE "P-X" RIM ELEV. = 18.12 INVERT ELEV. N = 9.32 INVERT ELEV. S = 9.28 BOTTOM ELV. = 7.27	X-123	STA. 548+99.77 (9.24' LT) MANHOLE TOP. = 19.56 INVERT ELEV. E = 13.97 INVERT ELEV. S = 13.91 INVERT ELEV. W = 14.16 BOTTOM ELEV. = 11.91	X-136	STA. 174+72.08 (47.65' LT) DBI TYPE "P-X" RIM ELEV. = 17.22 INVERT ELEV. E = 11.49 BOTTOM ELV. = 9.14	X-150	STA. 200+18.48 (46.76' LT) DBI TYPE "P-X" RIM ELEV. = 18.34 INVERT ELEV. E = 10.23 BOTTOM ELV. = 8.48	X-164	STA. 230+18.19 (47.81' RT) DBI TYPE "P-X" RIM ELEV. = 17.95 INVERT ELEV. N = 10.61 INVERT ELEV. S = 10.88 INVERT ELEV. W = 10.71 BOTTOM ELV. = 8.79	X-179	STA. 260+18.00 (46.00' LT) CURB INLET RIM ELEV. = 18.21 INVERT ELEV. E = 10.80 BOTTOM ELV. = 8.81	X-192	STA. 276+41.62 (55.60' RT) CURB INLET RIM ELEV. = 19.61 INVERT ELEV. N = 10.29 INVERT ELEV. S = 10.28 BOTTOM ELV. = 8.30
X-110	STA. 537+24.36 (56.05' RT) DBI TYPE "P-X" RIM ELEV. = 17.62 INVERT ELEV. N = 10.22 INVERT ELEV. S = 9.94 INVERT ELEV. W = 10.61 BOTTOM ELV. = 8.00	X-124	STA. 549+00.24 (49.11' LT) DBI TYPE "P-X" RIM ELEV. = 16.83 INVERT ELEV. = 14.18 BOTTOM ELEV. = 12.24	X-137	STA. 176+50.07 (46.79' RT) DBI TYPE "P-X" RIM ELEV. = 16.92 INVERT ELEV. N = 10.95 INVERT ELEV. S = 11.10 INVERT ELEV. W = 11.00 BOTTOM ELV. = 10.11	X-151	STA. 201+65.71 (47.24' RT) DBI TYPE "P-X" RIM ELEV. = 18.00 INVERT ELEV. N = 9.76 INVERT ELEV. S = 9.86 INVERT ELEV. W = 10.68 BOTTOM ELV. = 8.11	X-165	STA. 230+17.78 (47.30' LT) DBI TYPE "P-X" RIM ELEV. = 17.86 INVERT ELEV. E = 10.75 BOTTOM ELV. = 8.70	X-180	STA. 264+18.05 (50.98' RT) MANHOLE RIM ELEV. = 19.16 INVERT ELEV. N = 9.21 INVERT ELEV. W = 9.09 INVERT ELEV. S = 9.34 BOTTOM ELV. = 7.19	X-193	STA. 277+95.83 (55.46' RT) CURB INLET RIM ELEV. = 20.05 INVERT ELEV. S = 10.55 INVERT ELEV. W = 10.47 BOTTOM ELV. = 8.80
X-111	STA. 537+25.75 (43.93' LT) DBI TYPE "P-X" RIM ELEV. = 17.59 INVERT ELEV. E = 10.79 BOTTOM ELV. = 8.79	X-125	STA. 555+49.45 (51.41' RT) DBI TYPE "P-X" RIM ELEV. = 17.48 INVERT ELEV. W = 9.40 INVERT ELEV. E = 14.08 BOTTOM ELEV. = 7.24	X-138	STA. 176+50.10 (47.00' LT) DBI TYPE "P-X" RIM ELEV. = 16.95 INVERT ELEV. E = 11.17 BOTTOM ELV. = 9.81	X-152	STA. 201+66.17 (46.97' LT) DBI TYPE "P-X" RIM ELEV. = 17.98 INVERT ELEV. N = 10.81 BOTTOM ELV. = 8.90	X-166	STA. 233+17.52 (51.60' RT) MANHOLE RIM ELEV. = 19.26 INVERT ELEV. N = 10.43 INVERT ELEV. S = 10.31 BOTTOM ELV. = 9.95	X-181	STA. 266+18.00 (46.14' RT) CURB INLET RIM ELEV. = 18.35 INVERT ELEV. N = 9.56 INVERT ELEV. W = 10.53 INVERT ELEV. S = 9.38 BOTTOM ELV. = 7.62	X-194	STA. 277+94.49 (48.50' LT) CURB INLET RIM ELEV. = 20.19 INVERT ELEV. E = 10.62 BOTTOM ELV. = 8.66
X-112	STA. 539+24.41 (69.77' RT) DBI TYPE "P-X" RIM ELEV. = 18.30 INVERT ELEV. W = 10.59 INVERT ELEV. S = 10.56 BOTTOM ELV. = 8.63	X-126	STA. 555+49.78 (45.45' LT) DBI TYPE "P-X" RIM ELEV. = 17.08 INVERT ELEV. W = 13.27 BOTTOM ELEV. = 11.29	X-139	STA. 179+56.90 (48.81' RT) DBI TYPE "P-X" RIM ELEV. = 16.97 INVERT ELEV. N = 10.73 INVERT ELEV. S = 10.69 BOTTOM ELV. = 8.76	X-153	STA. 204+66.52 (51.38' RT) MANHOLE RIM ELEV. = 19.25 INVERT ELEV. N = 9.42 INVERT ELEV. S = 9.31 BOTTOM ELV. = 9.02	X-167	STA. 236+16.79 (46.07' RT) CURB INLET RIM ELEV. = 18.17 INVERT ELEV. N = 9.95 INVERT ELEV. S = 9.99 INVERT ELEV. W = 10.59 BOTTOM ELV. = 8.02	X-182	STA. 266+18.00 (46.00' LT) CURB INLET RIM ELEV. = 18.32 INVERT ELEV. E = 10.86 BOTTOM ELV. = 8.92	X-195	STA. 33+31.37 (56.70' RT) CURB INLET RIM ELEV. = UNKNOWN INVERT ELEV. N = UNKNOWN BOTTOM ELV. = UNKNOWN
X-113	STA. 539+26.71 (36.97' LT) DRAINAGE INLET TYPE "P-1" RIM ELEV. = 20.35 INVERT ELEV. E = 10.63 BOTTOM ELV. = 8.750	X-127	STA. 561+49.80 (46.76' RT) DBI TYPE "P-X" RIM ELEV. = 16.86 INVERT ELEV. E = 9.52 INVERT ELEV. W = 8.56 BOTTOM ELV. = 6.51	X-140	STA. 181+35.22 (46.04' RT) CURB INLET RIM ELEV. = 18.48 INVERT ELEV. E = 9.56 INVERT ELEV. S = 10.67 INVERT ELEV. W = 10.52 BOTTOM ELV. = 7.63	X-154	STA. 207+65.88 (47.17' RT) DBI TYPE "P-X" RIM ELEV. = 17.90 INVERT ELEV. N = 8.81 INVERT ELEV. S = 9.05 INVERT ELEV. E = 10.58 BOTTOM ELV. = 7.14	X-168	STA. 236+17.55 (45.72' RT) CURB INLET RIM ELEV. = 18.29 INVERT ELEV. E = 10.17 BOTTOM ELV. = 8.02	X-183	STA. 267+61.53 (46.04' RT) CURB INLET RIM ELEV. = 18.82 INVERT ELEV. N = 9.26 INVERT ELEV. S = 9.26 BOTTOM ELV. = 7.36	X-196	STA. 33+30.89 (55.43' LT) CURB INLET RIM ELEV. = UNKNOWN INVERT ELEV. E = UNKNOWN BOTTOM ELV. = UNKNOWN
X-114	STA. 542+83.18 (58.68' RT) MANHOLE TOP = 20.88 INVERT ELEV. = 10.50			X-141	STA. 181+34.64 (46.71' LT) CURB INLET RIM ELEV. = 18.92 INVERT ELEV. E = 10.74 BOTTOM ELV. = 8.84	X-155	STA. 207+66.06 (47.50' LT) DBI TYPE "P-X" RIM ELEV. = 17.92 INVERT ELEV. E = 10.84 BOTTOM ELV. = 8.93			X-197	STA. 34+45.12 (56.33' RT) MANHOLE RIM ELEV. = 19.60 INVERT ELEV. E = 15.53 INVERT ELEV. W = 16.63 BOTTOM ELV. = 13.66		



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Seal:

MAJHARUL ALAM, PE
P.E.# 61600

No.	Revisions	By	Date



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

MohammadKhan

SCALE: N.T.S.
APPROVED: MA
DRAWN: EM
CHECKED: JJV
DATE: 3/9/2026

3/9/2026

LYONS ROAD

N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.

SUMMARY OF DRAINAGE STRUCTURES

SHEET: 10
OF: 216

PROJECT NO.
2018503

8:47:17 AM

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

X-198

STA. 34+32.38 (55.39' LT)
CURB INLET
RIM ELEV. = 19.59
INVERT ELEV. E = 15.15
INVERT ELEV. E = 15.10
BOTTOM ELV. = 13.23

X-199

STA. 35+31.16 (45.86' RT)
CURB INLET
RIM ELEV. = 18.81
INVERT ELEV. S = 14.88
INVERT ELEV. W = 14.71
BOTTOM ELV. = 12.86

X-200

STA. 35+31.03 (43.66' LT)
CURB INLET
RIM ELEV. = 19.34
INVERT ELEV. N = 13.74
INVERT ELEV. E = 14.44
INVERT ELEV. S = 14.59
BOTTOM ELV. = 11.83

X-201

STA. 36+00.00 (44.64' RT)
CURB INLET
RIM ELEV. = 19.61
INVERT ELEV. W = 14.05
BOTTOM ELV. = 12.27

X-202

STA. 36+00.00 (43.77' LT)
CURB INLET
RIM ELEV. = 19.52
INVERT ELEV. E = 13.28
INVERT ELEV. S = 13.63
BOTTOM ELV. = 11.63



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Seal:

MAJHARUL ALAM, PE
P.E.# 61600

No.

Revisions

By

Date



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

SCALE: N.T.S.
APPROVED: MA
DRAWN: EM
CHECKED: JJV
DATE: 3/9/2026

MohammadKhan

LYONS ROAD

N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.

SUMMARY OF DRAINAGE STRUCTURES

SHEET: 11
OF: 216

PROJECT NO.
2018503

3/9/2026

8:47:17 AM

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DESIGN CRITERIA:					
DESIGN ELEMENT	DESIGN STANDARD	SOURCES	DESIGN ELEMENT	DESIGN STANDARD	SOURCES
FUNCTIONAL CLASSIFICATION	URBAN MAJOR COLLECTOR	PBC COMPREHENSIVE PLAN, FEDERAL FUNCTIONAL CLASSIFICATION	MINIMUM PGL ELEVATION	ONE THROUGH LANE IN EACH DIRECTION TO BE ABOVE THE 25 YEAR, 3-DAY STORM STAGE	PBC DESIGN STANDARDS 2019, P-13
DESIGN VEHICLE	WB-62FL	FLORIDA GREENBOOK TABLE 3.2	MINIMUM GUTTER GRADE	0.30% (FLAT TERRAIN)	FLORIDA GREENBOOK TABLE 3.6
DESIGN SPEED	45 MPH	FLORIDA GREENBOOK TABLE 3.1	MAXIMUM GRADE	8% (URBAN LOCAL)	FLORIDA GREENBOOK TABLE 3.6
POSTED SPEED	45 MPH	FIELD OBSERVATION	MAXIMUM CHANGE IN GRADE WITHOUT USING VERTICAL CURVE	0.70	FLORIDA GREENBOOK TABLE 3.8
LANE WIDTH TRAVEL LANE AUXILIARY LANE	11 FT. 11 FT.	TYPICAL SECTIONS FOR THOROUGHFARE ROADS (APRIL 2018)	MINIMUM DISTANCE BETWEEN VPI's	300 FT. (DESIRABLE) 250 FT. (MINIMUM)	PBC DESIGN STANDARDS 2019, P-13
TRAVEL LANE CROSS SLOPE (NOT IN SUPEREVELATION)	0.015 - 0.04	FLORIDA GREENBOOK CH. 3, SECTION C.7.B.2	K VALUE FOR CREST VERTICAL CURVES	61	FLORIDA GREENBOOK TABLE 3.9
SHOULDER CROSS SLOPE	0.02 - 0.06	FLORIDA GREENBOOK CH. 3, SECTION C.7.C.2	K VALUE FOR SAG VERTICAL CURVES	79	FLORIDA GREENBOOK TABLE 3.9
TURNING LANE LENGTH (MAX IN COUNTS THRU MARCH 2020) APPALACHIAN RIDGE RD. SBLT - 52 GOLDEN CRES DRIVE - NBLT - 41 BLUE MOUNTAIN AVE - SBLT - 52 CANYON LAKES BLVD - NBLT - 71 LAKE ROYAL ROAD - SBLT - 77	VARIES (DEPENDS ON NUMBER OF LT VEH.) 280 FT. (MIN.)	PBC TYPICAL FOR PAVEMENT MARKINGS, SIGNING AND GEOMETRICS (APRIL 2018)	SIDEWALK WIDTH	6 FT.	PBC TYPICAL FOR PAVEMENT MARKINGS, SIGNING AND GEOMETRICS (APRIL 2018)
DOUBLE TURNING LANE LENGTH BOYNTON BEACH BLVD. NBLT - 219	450 FT. (MIN.)	PBC TYPICAL FOR PAVEMENT MARKINGS, SIGNING AND GEOMETRICS (APRIL 2018)	BIKE LANE WIDTH	5 FT. MIN.	PBC TYPICAL FOR PAVEMENT MARKINGS, SIGNING AND GEOMETRICS (JULY 2024)
TRIPLE TURNING LANE LENGTH BOYNTON BEACH BLVD. SBLT - 1114	TBD - EXISTING LENGTH IS 54 FT. (MAXIMUM LENGTH FOR DOUBLE LT)	PBC TYPICAL FOR PAVEMENT MARKINGS, SIGNING AND GEOMETRICS (APRIL 2018)	CLEAR ZONE	4 FT. (1.5 FT. MIN) FROM FACE OF CURB	FLORIDA GREENBOOK TABLE 3.15
TAPER LENGTH	50 FT.	PBC TYPICAL FOR PAVEMENT MARKINGS, SIGNING AND GEOMETRICS (APRIL 2018)	LATERAL OFFSET (UTILITIES POLES AND STRUCTURES)	OUTSIDE CLEAR ZONE 4 FT. (1.5 FT. MIN)	FLORIDA GREENBOOK CH. 4, SECTION D.8 AND TABLE 3.15
MEDIAN WIDTH	20 FT.	TYPICAL SECTIONS FOR THOROUGHFARE ROADS (APRIL 2018)	MAXIMUM GRADE FROM GUARDRAIL	1:10	DESIGN STANDARD INDEX 536-001
MINIMUM STOPPING SIGHT DISTANCE	360 FT.	FLORIDA GREENBOOK TABLE 3.3	MAXIMUM DEFLECTIONS WITHOUT HORIZONTAL CURVES	1° 00' 00"	FDM CH. 210.8.1
MINIMUM PASSING SIGHT DISTANCE	700 FT.	FLORIDA GREENBOOK TABLE 3.4	MAXIMUM DEFLECTIONS ANGLE THROUGH AN INTERSECTION	3° 00' 00"	FDM CH. 212.7
MAXIMUM DEGREE OF CURVATURE	8° 15'	FLORIDA GREENBOOK TABLE 3.5	RETURN RADIUS SIGNALIZED INTERSECTION UNSIGNALIZED INTERSECTION	50 FT. 30 FT	PBC TYPICAL FOR PAVEMENT MARKINGS, SIGNING AND GEOMETRICS (APRIL 2018)
MINIMUM HORIZONTAL RADIUS LENGTH FOR URBAN, HIGH-SPEED FACILITY	680 FT.	FLORIDA GREENBOOK TABLE 3.5			



PROPEL ENGINEERING, LLC.

2711 N VISTA PARKWAY, SUITE B-7
WEST PALM BEACH, FLORIDA 33411
FLORIDA BUSINESS CERT. NO. 31050
PHONE (561) 866-5730

Seal:

MAJHARUL ALAM, PE
P.E.# 61600

No.	Revisions	By	Date



PALM BEACH COUNTY

ENGINEERING AND PUBLIC WORKS

ROADWAY PRODUCTION

P.O. BOX 21229, WEST PALM BEACH, FLORIDA

MohammadKhan

SCALE: N.T.S.
APPROVED: MA
DRAWN: EM
CHECKED: JJV
DATE:3/9/2026

3/9/2026

LYONS ROAD

N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.

NOTES TO REVIEWER

SHEET: 12

OF: 216

PROJECT NO.
2018503

Q:\Projects\18130102-03_Lyons_Rd\2018503\roadway\GNMTRD01_Notes to reviewer.dgn

The diagram illustrates a typical cross-section of Lyons Road, showing two travel lanes with various construction zones and dimensions. The total right-of-way (R/W) is 112' to 130.14'.

Top Labels:

- EXIST. R/W LINE
- CONST. LYONS ROAD
- SURVEY LYONS ROAD
- EXIST. R/W LINE

Horizontal Dimensions (from left to right):

- 100' (RURAL PARKWAY EASEMENT***)
- STANDARD CLEARING & GRUBBING
- VAR. (48.5'-71')
- STANDARD CLEARING & GRUBBING
- VAR. (0'-16.40')
- STANDARD CLEARING & GRUBBING
- VAR. (55'-81')
- STANDARD CLEARING & GRUBBING
- 100' (RURAL PARKWAY EASEMENT***)

Horizontal Dimensions (from left to right, below the top row):

- VAR. (0'-11') WIDENING
- VAR. (14.50'-42.30') MILLING AND RESURFACING
- VAR. (0'-8') WIDENING
- VAR. (32'-40') EXIST. MEDIAN
- VAR. (0'-8.5') WIDENING
- VAR. (15.70'-31.40') MILLING AND RESURFACING
- VAR. (3.40'-14.70') WIDENING

Horizontal Dimensions (from left to right, below the middle row):

- SOD **
- 2'
- 6'
- 11'
- 11'
- 2'
- 4'
- VAR. (12'-16') PLANTED MEDIAN
- VAR. (12'-16') PLANTED MEDIAN
- 4'
- 11'
- 11'
- 6'
- 2'
- SOD **

Vertical Dimensions (from left to right):

- 6"
- 1'
- 6"
- 1'

Labels and Notes:

- EXIST. GROUND (TYP)
- EXIST. 8' MEANDERING PATHWAY (TO REMAIN)
- PROP. DITCH (REFER TO CROSS SECTION FOR LIMIT)
- TYPE "F" C&G (TYP) (SEE PLAN FOR LIMIT OF FLUSH SHOULDER. STA 119+21.40 TO STA 526+12.45)
- CURB PAD (TYPICAL)
- EXIST. GROUND (TYP)
- PROP. DITCH (REFER TO CROSS SECTION FOR LIMIT)
- EXIST. 8' MEANDERING PATHWAY (TO REMAIN)
- TYPE "F" C&G (TYP) (SEE PLAN FOR LIMIT OF FLUSH SHOULDER. STA 119+21.40 TO STA 524+94.88)

Other Labels:

- BIKE LANE
- SAWCUT
- PGL LT
- MATCH EXIST.
- TYPE "F" C&G (MODIFIED) (TYP)
- SURFACE
- BASE
- SUBGRADE
- EXIST. PAVEMENT (TO REMAIN)
- EXIST. COMPACTED SUBGRADE
- PGL RT
- MATCH EXIST.
- SAWCUT
- EXIST. PAVEMENT (TO REMAIN)
- EXIST. COMPACTED SUBGRADE
- SURFACE
- BASE
- SUBGRADE

Center Text:

TYPICAL SECTION
LYONS ROAD

(L.W.D.D. L-30 CANAL TO SOUTH OF L.W.D.D. L-28 CANAL)
STA. 119+21.40 TO STA. 569+65.00
STATION EQUATION: STA 124+21.81 (BL SURVEY(BK)) =
STA 524+21.85 (CL CONST (AH))

MILL EXISTING ASPHALT
PAVEMENT (1" AVERAGE DEPTH)

1" FRICTION COURSE FC-9.5

OPTIONAL BASE GROUP 13 WITH 12" COMPACTED SUBGRADE (98% T180)
1.5" TYPE SP STRUCTURAL COURSE (TRAFFIC C)
1" FRICTION COURSE FC-9.5

DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

TYPE F C&G OR
MODIFIED TYPE F C&G
(REFER TO PLAN FOR
LIMIT AND LOCATION)

6"

4"

SURFACE

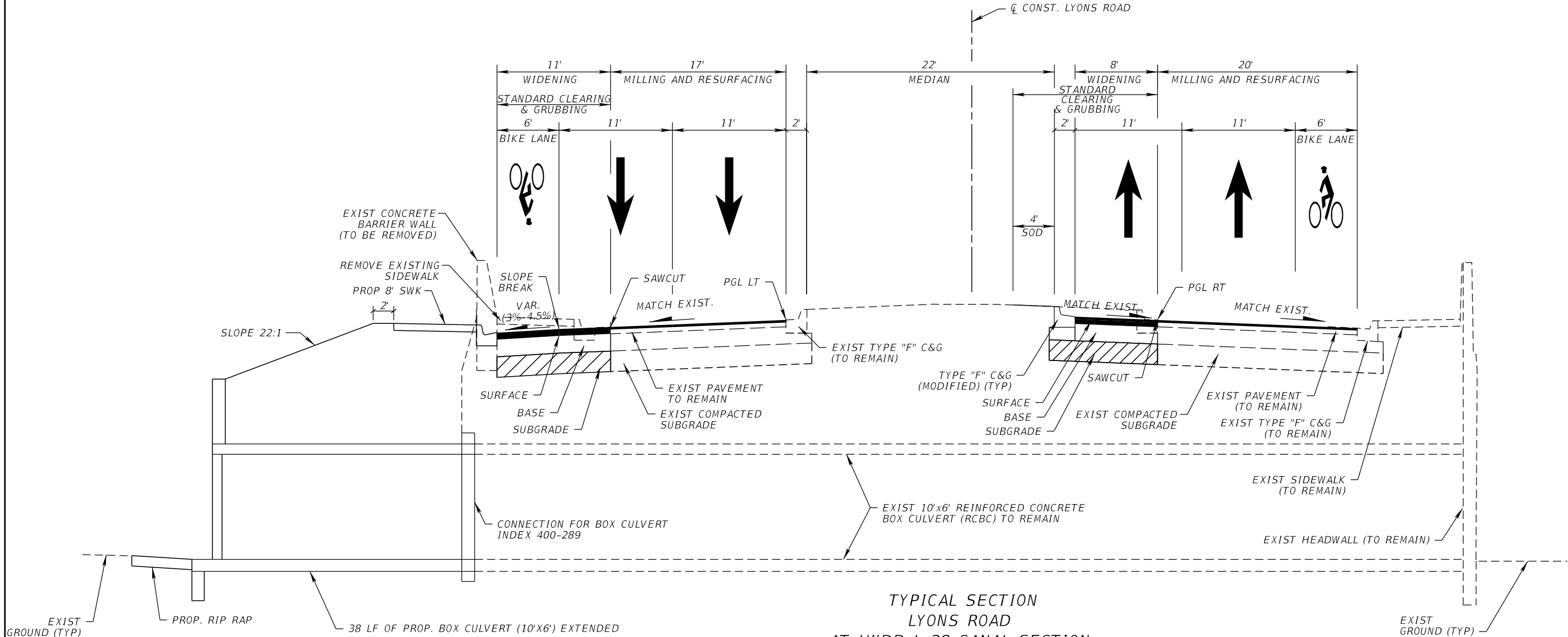
BASE

SUBGRADE

CURB
B-1
AS SHOWN

N.T.S

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TYPICAL SECTION
LYONS ROAD
AT LWDD L-28 CANAL SECTION
STA. 569+65.00 TO STA. 170+45.00
STATION EQUATION: STA 570+15.57 (CL CONST(BK)=
STA 170+15.37(BL SURVEY) (AH)
MILLING
MILL EXISTING ASPHALT
PAVEMENT (1" AVERAGE DEPTH)
RESURFACING
1" FRICTION COURSE FC-9.5
WIDENING
OPTIONAL BASE GROUP 13 WITH 12" COMPACTED SUBGRADE (98% T180)
1.5" TYPE SP STRUCTURAL COURSE (TRAFFIC C)
1" FRICTION COURSE FC-9.5

DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

PROPEL ENGINEERING, LLC.
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WEST PALM BEACH, FLORIDA 33411
FLORIDA BUSINESS CERT. NO. 31050
PHONE (561) 866-5730

Seal:
MAJHARUL ALAM, PE
P.E.# 61600

No.	Revisions	By	Date

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

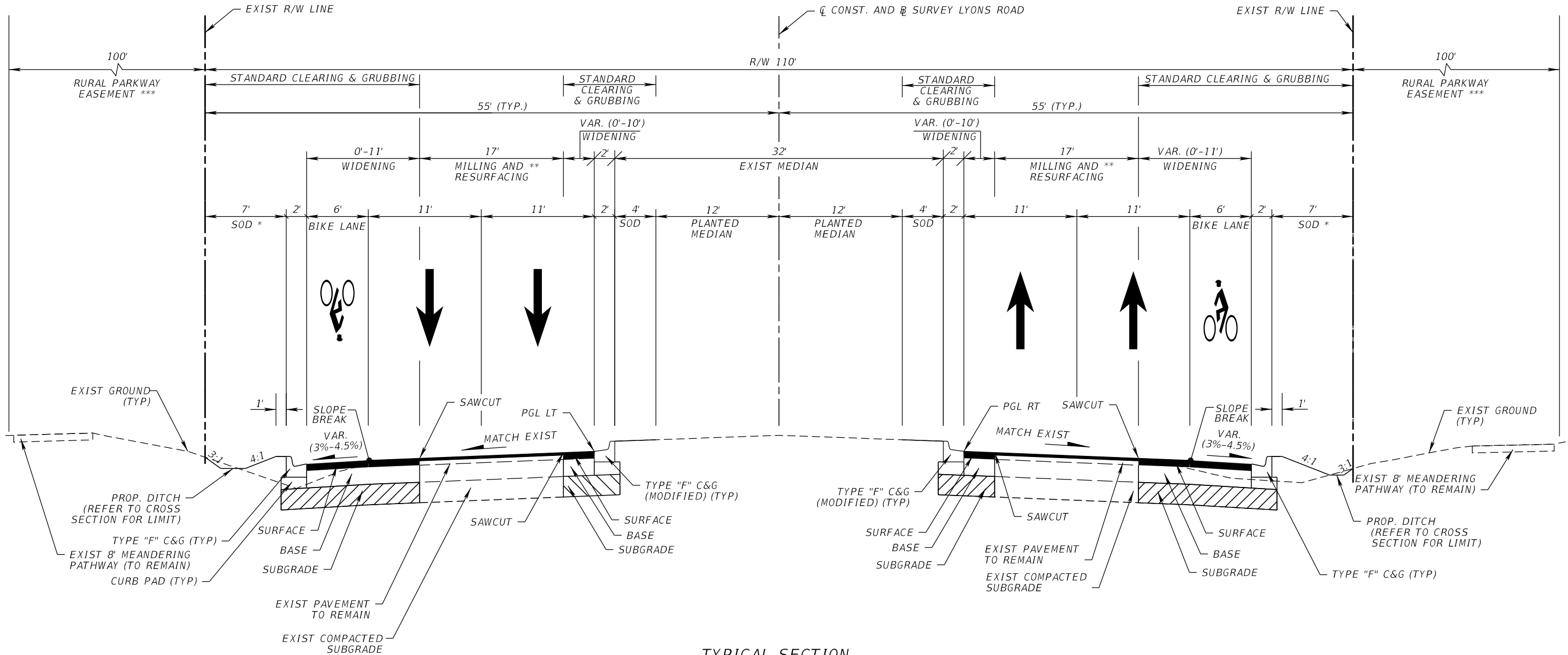
SCALE: N.T.S.
APPROVED: MA
DRAWN: EM
CHECKED: JJV
DATE: 3/9/2026

LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
TYPICAL SECTION

SHEET: 14
OF: 216
PROJECT NO.
2018503

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TYPICAL SECTION
LYONS ROAD
NORTH OF L.W.D.D. L-28 CANAL TO SOUTH OF BOYNTON BEACH BLVD
STA. 170+45.00 TO STA. 274+48.89

MILLING
MILL EXISTING ASPHALT
PAVEMENT (1" AVERAGE DEPTH)

RESURFACING
1" FRICTION COURSE FC-9.5

WIDENING
OPTIONAL BASE GROUP 13 WITH 12" COMPACTED SUBGRADE (98% T180)
1.5" TYPE SP STRUCTURAL COURSE (TRAFFIC C)
1" FRICTION COURSE FC-9.5

- * SEE CROSS SECTIONS FOR SODDING LIMITS
- ** SEE PLANS FOR LIMIT OF MILLING AND RESURFACING
- *** RURAL PARKWAY EASEMENT RT BEGINS AT STA. 170+46.87 AND ENDS AT 271+47.13 .
RURAL PARKWAY EASEMENT FOR LT BEGINS AT 224+76.63 AND ENDS AT STA. 273+03.08.

DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH



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FLORIDA BUSINESS CERT. NO. 31050
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PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FLORIDA

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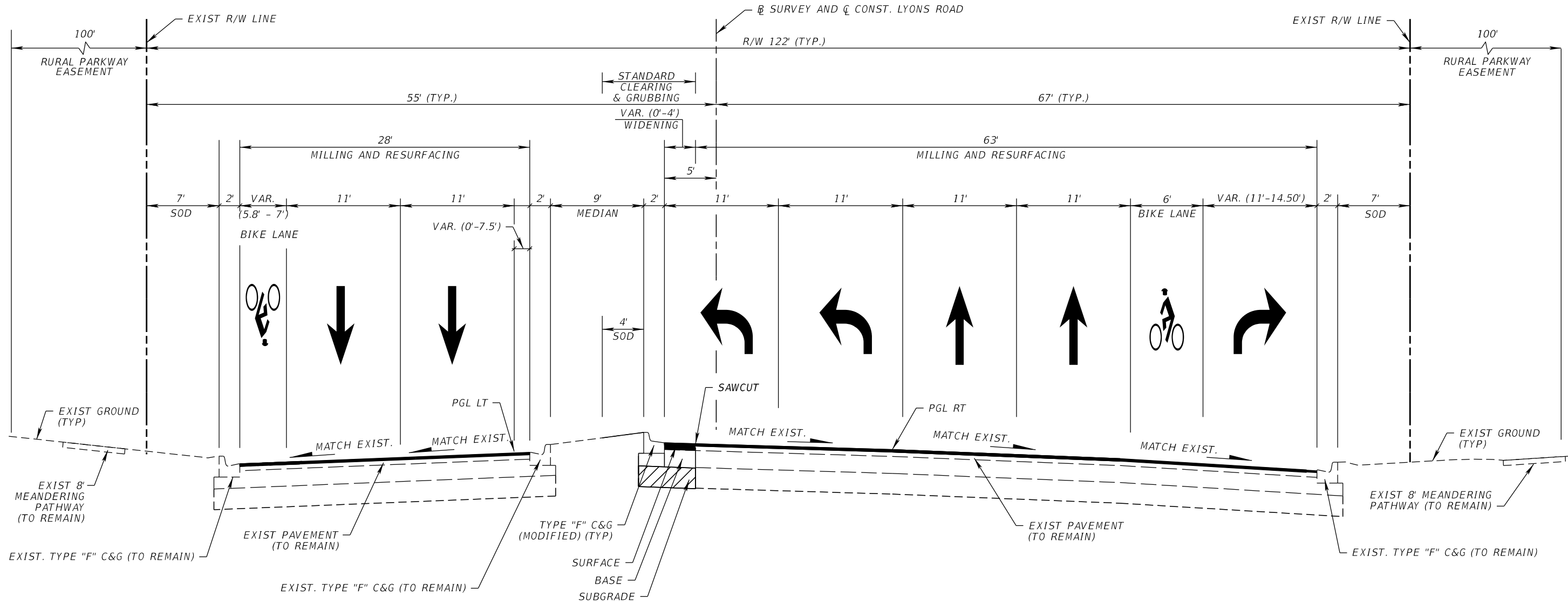
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LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
TYPICAL SECTION

SHEET: 15
OF: 216
PROJECT NO.
2018503

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TYPICAL SECTION
LYONS ROAD
SOUTH OF BOYNTON BEACH BOULEVARD
STA. 274+48.89 TO STA. 278+65.00

MILLING
MILL EXISTING ASPHALT
PAVEMENT (1" AVERAGE DEPTH)

RESURFACING
1" FRICTION COURSE FC-9.5

WIDENING
OPTIONAL BASE GROUP 13 WITH 12" COMPACTED SUBGRADE (98% T180)
1.5" TYPE SP STRUCTURAL COURSE (TRAFFIC C)
1" FRICTION COURSE FC-9.5

DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH



PROPEL ENGINEERING, LLC.
2711 N VISTA PARKWAY, SUITE B-7
WEST PALM BEACH, FLORIDA 33411
FLORIDA BUSINESS CERT. NO. 31050
PHONE (561) 866-5730

Seal:

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P.E.# 61600

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

MohammadKhan

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3/9/2026

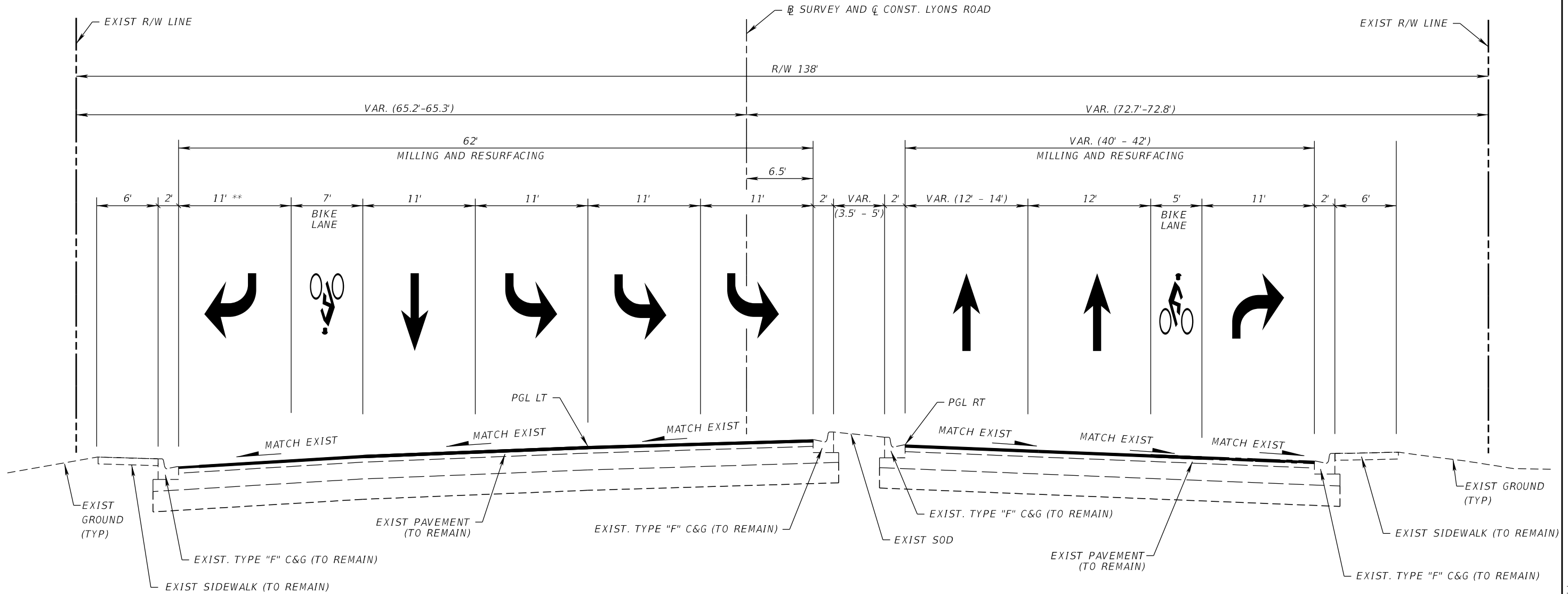
LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
TYPICAL SECTION

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SHEET: 16
OF: 216
PROJECT NO.
2018503

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TYPICAL SECTION
LYONS ROAD
NORTH OF BOYNTON BEACH BOULEVARD
STA. 279+31.10 TO STA. 38+30.00*

MILLING
MILL EXISTING ASPHALT
PAVEMENT (1" AVERAGE DEPTH)

RESURFACING
1" FRICTION COURSE FC-9.5

* STA. 279+31.10 (BL SURVEY AND CL CONST LYONS ROAD) =
STA 30+00.00 (BL SURVEY AND CL CONST LYONS ROAD)
** ROAD IS BEING EXPANDED WEST TO ADD ADDITIONAL THRU LANE
(COORDINATE WITH PBC PROJECT #2020110)

DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH



PROPEL ENGINEERING, LLC.
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No.	Revisions	By	Date



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

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DATE: 3/9/2026

LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
TYPICAL SECTION

SHEET: 17
OF: 216
PROJECT NO.
2018503

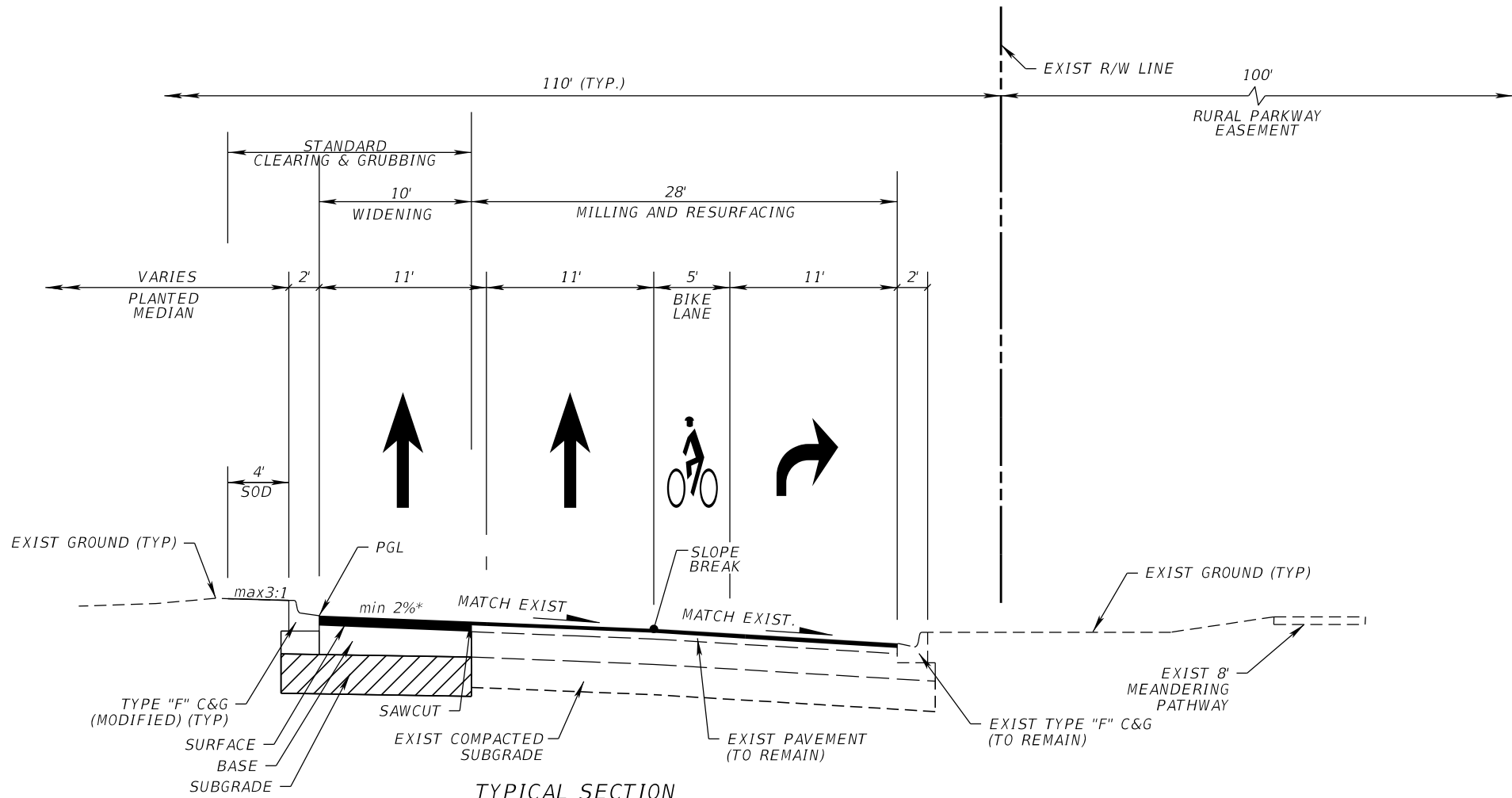
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TYPICAL SECTION
LYONS ROAD
RIGHT TURN LANE DETAIL

STATION EQUATION: STA 124+21.81 (BL SURVEY (BK)=

STA 524+21.85 (CL CONST (AH)

STATION EQUATION: STA 570+15.57 (CL CONST (BK)=

STA 170+15.37 (BL SURVEY (AH)

RT SIDE

STA. 554+41.46 TO STA. 557+73.04 RT

STA. 179+60.85 TO STA. 183+03.03 RT

STA. 206+36.77 TO STA. 209+71.58 RT

STA. 235+06.51 TO STA. 238+37.30 RT

STA. 262+91.00 TO STA. 266+31.46 RT

LT SIDE

STA. 529+79.77 TO STA. 533+10.10 LT

STA. 542+34.06 TO STA. 546+17.04 LT

STA. 240+03.28 TO STA. 243+48.81 LT

MILLING

MILL EXISTING ASPHALT
PAVEMENT (1" AVERAGE DEPTH)

RESURFACING

1" FRICTION COURSE FC-9.5

WIDENING

OPTIONAL BASE GROUP 13 WITH 12" COMPACTED SUBGRADE (98% T180)
1.5" TYPE SP STRUCTURAL COURSE (TRAFFIC C)
1" FRICTION COURSE FC-9.5

* PROPOSED SLOPE TO BE MATCHED WITH
RESPECTIVE EXISTING SLOPE.

DESIGN SPEED = 45 MPH

POSTED SPEED = 45 MPH



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

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LYONS ROAD
N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
ROADWAY PLAN

SHEET: 18

OF: 216

PROJECT NO.
2018503

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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 CONSTRUCTION SHALL BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2023 BOOKLET, AND FDOT STANDARD PLANS FY 2023-2024 AS AMENDED BY PALM BEACH COUNTY. CONTRACTOR IS RESPONSIBLE FOR OBTAINING COMPLETE COPIES OF THESE FDOT STANDARD SPECIFICATION AND STANDARD PLANS.
2. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR IS ISSUED A NOTICE TO PROCEED. CONTRACTOR SHALL ABIDE BY ALL PERMIT CONDITIONS.
3. PRECONSTRUCTION CONFERENCE: A PRECONSTRUCTION CONFERENCE SHALL BE REQUIRED BEFORE THE START OF ANY CONSTRUCTION.
4. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH CHAPTER 556.105, FLORIDA STATUTES AND FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND UTILITIES.
5. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.
6. THE LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY: EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES (NOT SHOWN IN THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE "OTHER" UTILITIES, THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITY OWNERS TO RESOLVE UTILITY CONFLICTS AND PROVIDE UTILITY ADJUSTMENTS, AS REQUIRED.
7. THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL OF FLORIDA. 1-800-432-4770 (TOLL FREE) AND ALL AFFECTED UTILITIES TWO FULL BUSINESS DAYS BEFORE EXCAVATION FOR FIELD LOCATIONS AND SO THAT AN AFFECTED UTILITY MAY BE PRESENT.
8. KNOWN UTILITY COMPANIES WITHIN THE VICINITY OF THE PROJECT:

COMPANY	CONTACT	PHONE
AT&T FL. TELECOMMUNICATIONS	GARTH BEDWARD	561-540-9263
COMCAST	STEVE ROSA	561-436-9034
CROWN CASTLE FIBER	DANNY HASKETT	786-246-7827
FPL-DISTRIBUTION SOUTH & BG .	DAVID FUCHS	561-927-4027
FPL-TRANSMISSION	JODI CRUMP	561-248-7077
FLORIDA PUBLIC UTILITIES CO.	FERNANDO VAN LEEUWEN	561-723-3459
PALM BEACH COUNTY TRAFFIC-ITS	DANIEL RODRIGUEZ	561-684-4030
PALM BEACH COUNTY TRAFFIC-SIGNALS & STREETLIGHTS	MAY CHENG	561-684-4030
PALM BEACH COUNTY WATER UTILITIES	HENRY MELENDEZ	561-493-6108
VERIZON	MARK BRODZINKSKI	561-254-9008

9. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITY CABLES, SANITARY LINES AND WATER LINES; AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS.
10. EXISTING UTILITIES ARE TO BE ADJUSTED BY OTHERS UNLESS OTHERWISE NOTED.
11. ALL TREES TO REMAIN UNLESS DENOTED IN THE PLANS.
12. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88), AND ARE REFERENCED TO PALM BEACH COUNTY BENCHMARK "FH-19", WITH AN ELEVATION OF 12.59' (NAVD '88) AS PUBLISHED BY PALM BEACH COUNTY.
13. STATIONS AND OFFSETS REFER TO CENTERLINE OF CONSTRUCTION, UNLESS NOTED OTHERWISE.
14. THE CONSTRUCTION STAKE-OUT RECORD DRAWINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ALL ASSOCIATED STAKE OUT COSTS ARE TO BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE SPECIFIC ITEM CONSTRUCTED.
15. EXISTING SECTION CORNERS, QUARTER SECTION CORNERS, PROPERTY CORNERS, PALM BEACH COUNTY SURVEY CONTROL MONUMENTS AND ALL OTHER PERMANENT MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED PRIOR TO CONSTRUCTION AND RESET AFTER CONSTRUCTION BY A PROFESSIONAL SURVEYOR & MAPPER WITH A MONUMENT BEARING EITHER THE FLORIDA LICENSE NUMBER OR CERTIFICATE OF AUTHORIZATION NUMBER OF THE PARTY IN RESPONSIBLE CHARGE. COST IS INCIDENTAL TO COST OF CONSTRUCTION.
16. ANY NGVD '29 AND/OR NAVD '88 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A MONUMENT IS IN DANGER OF BEING DISTURBED, THE CONTRACTOR SHALL NOTIFY:
- MARK MAINTENANCE SECTION
GEODETIC INFORMATION CENTER
ATTN: N/CG-162
ROCKVILLE, MARYLAND 20852
TELEPHONE: (301) 443-8319
17. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF THE CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE PALM BEACH COUNTY SURVEY SECTION WITHOUT DELAY.
18. CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES DURING CONSTRUCTION AND SHALL BE REQUIRED TO PROVIDE ALL BARRICADES, LIGHTING, SIGNAGE AND FLAGMAN AS NECESSARY TO PROVIDE FOR THE SAFETY OF THE PUBLIC IN THE AREA OF WORK.
19. MAINTENANCE OF VEHICULAR AND PEDESTRIAN TRAFFIC SHALL BE IN ACCORDANCE WITH FLORIDA D.O.T. STANDARD PLANS 600 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SECTION 6.
20. CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES SUCH AS HAY BALES, SILT FENCE, FLOATING TURBIDITY BARRIERS, STREET SWEEPING, ETC., WHERE NECESSARY IN ORDER TO COMPLY WITH STATE AND LOCAL WATER QUALITY AND EROSION CONTROL STANDARDS. COSTS OF PROVIDING AND MAINTAINING SUCH METHODS SHALL BE INCLUDED IN THE BID PRICE FOR NPDES COMPLIANCE.



PROPEL ENGINEERING, LLC.

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Seal:

MAJHARUL ALAM, PE
P.E.# 61600

No.	Revisions	By	Date



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

SCALE: N.T.S.
APPROVED: MA
DRAWN: EM
CHECKED: JJV
DATE:3/9/2026

LYONS ROAD N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.
GENERAL NOTES

SHEET: 19 OF: 216
PROJECT NO. 2018503

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

21. ALL VEGETATION, DEBRIS, CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE IN AREAS PROVIDED BY THE CONTRACTOR.
22. PROHIBITED SPECIES (AUSTRALIAN PINE, BRAZILIAN PEPPER, EARLEAF ACACIA, MELALEUCA, SMALL-LEAVED CLIMBING FERN AND KUDZU) SHALL BE ERADICATED FROM THE RIGHT-OF-WAY WITHIN THE LIMITS OF CONSTRUCTION. REMOVAL OR ERADICATION SHALL BE VERIFIED BY PBC ERM. CONTINUED REMOVAL OF THESE SPECIES IS REQUIRED TO PREVENT REINFESTATION.
23. CONTRACTOR TO REMOVE PRIVATE IMPROVEMENTS, SUCH AS DRIVEWAYS, LANDSCAPING AND FENCES, WITHIN ROAD RIGHT-OF-WAY. SALVAGEABLE MATERIALS SUCH AS FENCING, TO BE RETURNED TO HOMEOWNER.
24. THE EXISTING BASEROCK MATERIAL SHALL NOT BE USED EXCEPT AS DIRECTED BY PALM BEACH COUNTY.
25. EXCAVATED SOILS AND EXISTING ROCK BASE MAY BE USED FOR EMBANKMENT CONSTRUCTION PROVIDED THAT THE MATERIAL IS CLEAN FILL, FREE OF ORGANIC MATERIALS, ROOTS, OR OTHER DELETERIOUS MATERIALS, AND CONFORMS WITH FDOT SPECIFICATIONS AND STANDARD PLANS NO. 120-001.
26. ALL EXISTING IRRIGATION SYSTEM COMPONENTS CONFLICTING WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. EXISTING PIPES SHALL BE CAPPED PRESSURE TIGHT AT THE R/W LINE. EXISTING CONTROL WIRING SHALL BE CUT, SEALED AND LEFT BURIED BELOW GRADE AT THE R/W LINE. THE COST FOR IRRIGATION SYSTEM REMOVAL, CAPPING PIPE AND SEALING WIRING SHALL BE INCLUDED IN THE CONTRACT PRICE FOR CLEARING AND GRUBBING.
27. GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED.
28. THE CONTRACTOR SHALL LOWER THE GROUND 2 INCHES BELOW FINISHED GRADE PRIOR TO PLACEMENT OF SOD TO ALLOW FOR THE THICKNESS OF THE SOD.
29. ALL ROAD CROSSINGS, PAVEMENT CUTTINGS AND RESTORATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF PALM BEACH COUNTY.
30. ALL PIPE SHALL BE LAID IN TRENCHES HAVING A DRY AND STABLE BOTTOM, BACKFILL SHALL BE FREE OF BOULDERS AND DEBRIS. PIPE SHALL BE FULLY SUPPORTED ALONG IT ENTIRE LENGTH. SHARP OR ROCKY MATERIAL ENCOUNTERED IN THE BASE SHALL BE REPLACED WITH PROPER BEDDING. PIPE SHALL BE LAID ON LINE AND GRADE AS DESIGNED.
31. REQUIREMENTS FOR PIPE BACKFILL CROSSING ROADS OR PARKING AREAS SHALL BE AS DEFINED IN THE FDOT SPECIFICATIONS, LATEST EDITION. PIPELINE BACKFILL SHALL BE PLACED IN SIX INCH LIFTS AND COMPACTED TO NOT LESS THAN 100% MAXIMUM DRY DENSITY OF THE STANDARD PROCTOR (AASHTO) T-99 SPECIFICATIONS.
32. STORM SEWER PIPE LENGTHS ARE BASED ON MEASUREMENTS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. ALL PIPE LENGTHS AND CENTERLINE SLOPE LENGTHS SHOWN ARE SCALED DISTANCES. THE CONTRACTOR SHALL CONFIRM ALL MEASUREMENTS IN THE FIELD AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCY PRIOR TO PERFORMING THE WORK.
33. DRAINAGE CONNECTIONS: WHERE CONNECTIONS TO AN EXISTING DRAINAGE SYSTEM ARE PROPOSED, SAID EXISTING DRAINAGE STRUCTURES AND LINES SHALL BE CLEANED OF ALL SILT AND OTHER DEBRIS PRIOR TO SAID CONNECTIONS BEING MADE. WHERE THE EXISTING DRAINAGE SYSTEM INCLUDES DITCHES, SAID DITCHES SHALL BE CLEARED AND REWORKED AS NECESSARY TO RESTORE THEM TO AN APPROVED DESIGN SECTION.
34. ALL DRAINAGE SYSTEMS SHALL BE PUMPED DOWN BELOW ONE-THIRD OF THE DIAMETER OF THE PIPE (FROM THE INVERT) AND LAMPED AS A REQUIREMENT OF THE FINAL DRAINAGE INSPECTION.
35. THE CONTRACTOR'S BID FOR OVERLAY SHALL INCLUDE THE REPAIRING OF EXISTING POTHOLES AND APPLICATION OF THE TACK COAT.
36. THE TACK COAT SHALL BE APPLIED IN ACCORDANCE WITH SECTION 300, PRIME AND TACK COATS FOR BASE COURSES, FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2023 EDITION, AND AS AMENDED BY PALM BEACH COUNTY.
37. NO SEPARATE PAYMENT WILL BE MADE FOR PRIME COAT AND TACK COAT MATERIAL, THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR BASE OR PAVEMENT COURSES.
38. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING THE EXISTING PAVEMENT MARKINGS BEFORE ROADWAY/RESURFACING WORK IS STARTED AND THIS INFORMATION SHALL BE USED IN CONJUNCTION WITH TEMPORARY STRIPING AND FINISHED STRIPING.
39. PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF FDOT SPECIFICATIONS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND PALM BEACH COUNTY TYPICALS FOR PAVEMENT MARKINGS, SIGNING & GEOMETRICS NO. T-P-21.
40. ALL CONCRETE SHALL DEVELOP 3,000 PSI (MINIMUM) 28 DAY COMPRESSIVE STRENGTH OR GREATER WHERE NOTED ON PLANS. CLASS I CONCRETE SHALL CONFORM WITH THE FDOT SPECIFICATIONS, 2023 EDITION AS AMENDED BY PALM BEACH COUNTY.
41. THE ASPHALT AND BASEROCK THICKNESS AND SPECIFICATIONS FOR ALL PROPOSED ASPHALT DRIVEWAYS SHALL MATCH THE DESIGN FOR THE PROPOSED ADJACENT ROADWAY.
42. RECORD DRAWINGS - THE CONTRACTOR SHALL COMPLETE "AS-BUILT" INFORMATION RELATIVE TO THE PALM BEACH COUNTY ENGINEERING DEPARTMENT REQUIREMENTS.
43. CONTRACTOR SHALL LOCATE AND PROTECT PBCWUD FACILITIES IF NEEDED DURING CONSTRUCTION.
44. UNLESS OTHERWISE SHOWN, ALL EXISTING DRAINAGE STRUCTURES, WITHIN THE LIMITS OF CONSTRUCTION, ARE TO BE REMAIN.
45. INTERSECTING ROADS AND DRIVEWAYS ARE TO BE GRADED AS DIRECTED BY PALM BEACH COUNTY, UNLESS OTHERWISE NOTED.
46. ALL PIPES SHALL BE IN ACCORDANCE WITH FDOT AND PALM BEACH COUNTY REQUIREMENTS.
47. ALL INLET DRAINAGE STRUCTURES SHALL HAVE A MINIMUM 2' SUMP, EXCEPT CONTROL STRUCTURES. WEEP HOLES SHALL NOT BE PART OF THESE SUMPS.
48. CONTRACTOR SHALL ADJUST TOPS OF ALL EXISTING UTILITIES (VALVE BOX, METER BOX, ETC.) TO MATCH PROPOSED GRADES & SLOPES.
49. THE CONTROL ELEVATION FOR THIS PROJECT IS 16.00 FT (NGVD 29) PER THE APPROVED PERMIT. THEREFORE, A DESIGN HIGH WATER (DHW) OF 16.00 FT (NVGD 29) IS USED.
50. BOYNTON BEACH BLVD INTERSECTION TO MATCH PALM BEACH COUNTY PROJECT NO. 2020110
51. THE LIGHTING PLANS WERE DEVELOPED WITHOUT SUBSURFACE UTILITY ENGINEERING (SUE) INVESTIGATION OF THE EXISTING UTILITIES. THE CONTRACTOR MUST VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO INSTALLING LIGHT POLES.



PROPEL ENGINEERING, LLC.
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WEST PALM BEACH, FLORIDA 33411
FLORIDA BUSINESS CERT. NO. 31050
PHONE (561) 866-5730

Seal:

MAJHARUL ALAM, PE
P.E.# 61600

No.	Revisions	By	Date



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

MohammadKhan

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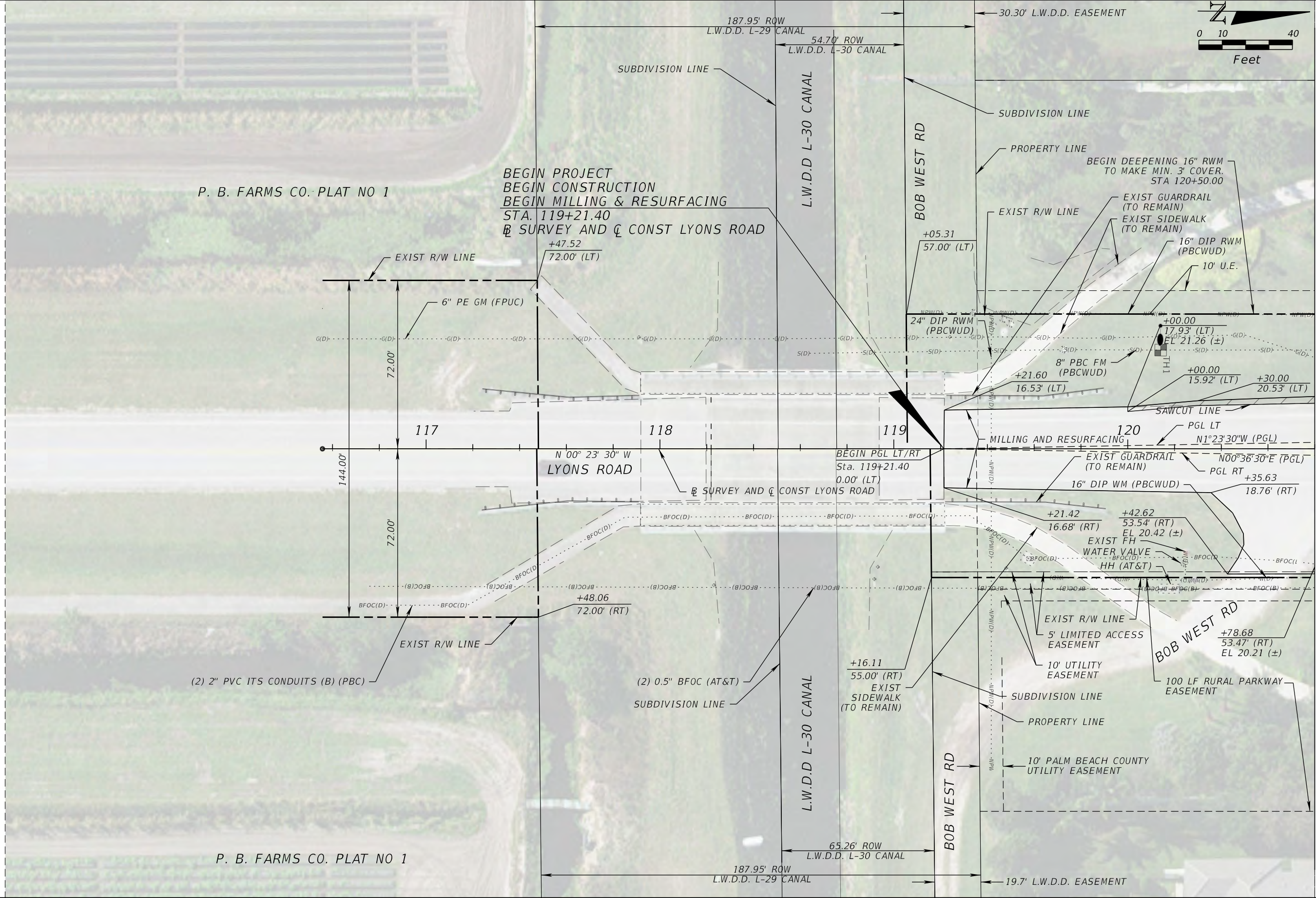
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LYONS ROAD <i>N OF L.W.D.D. L-30 CANAL TO BOYNTON BEACH BLVD.</i>
GENERAL NOTES

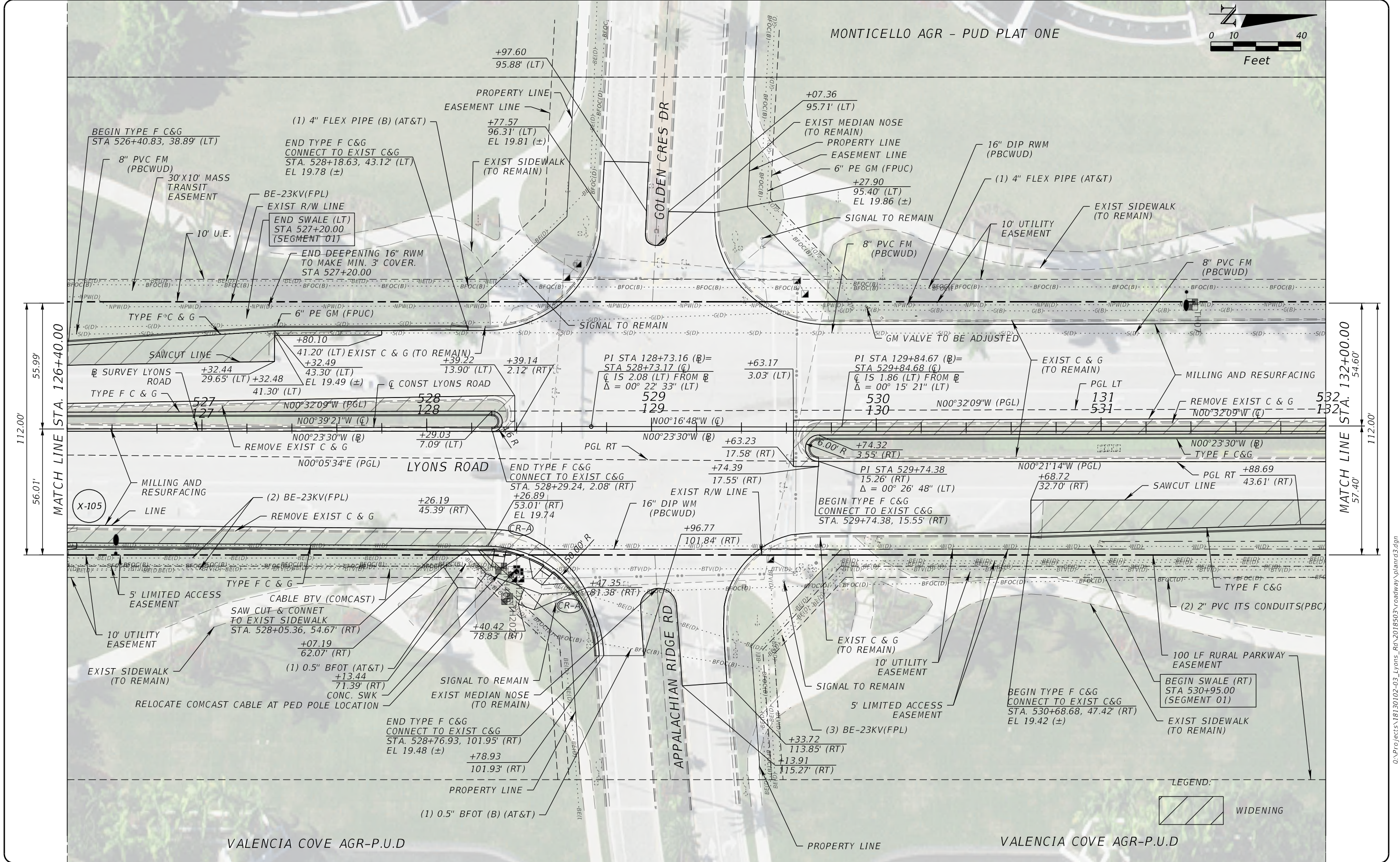
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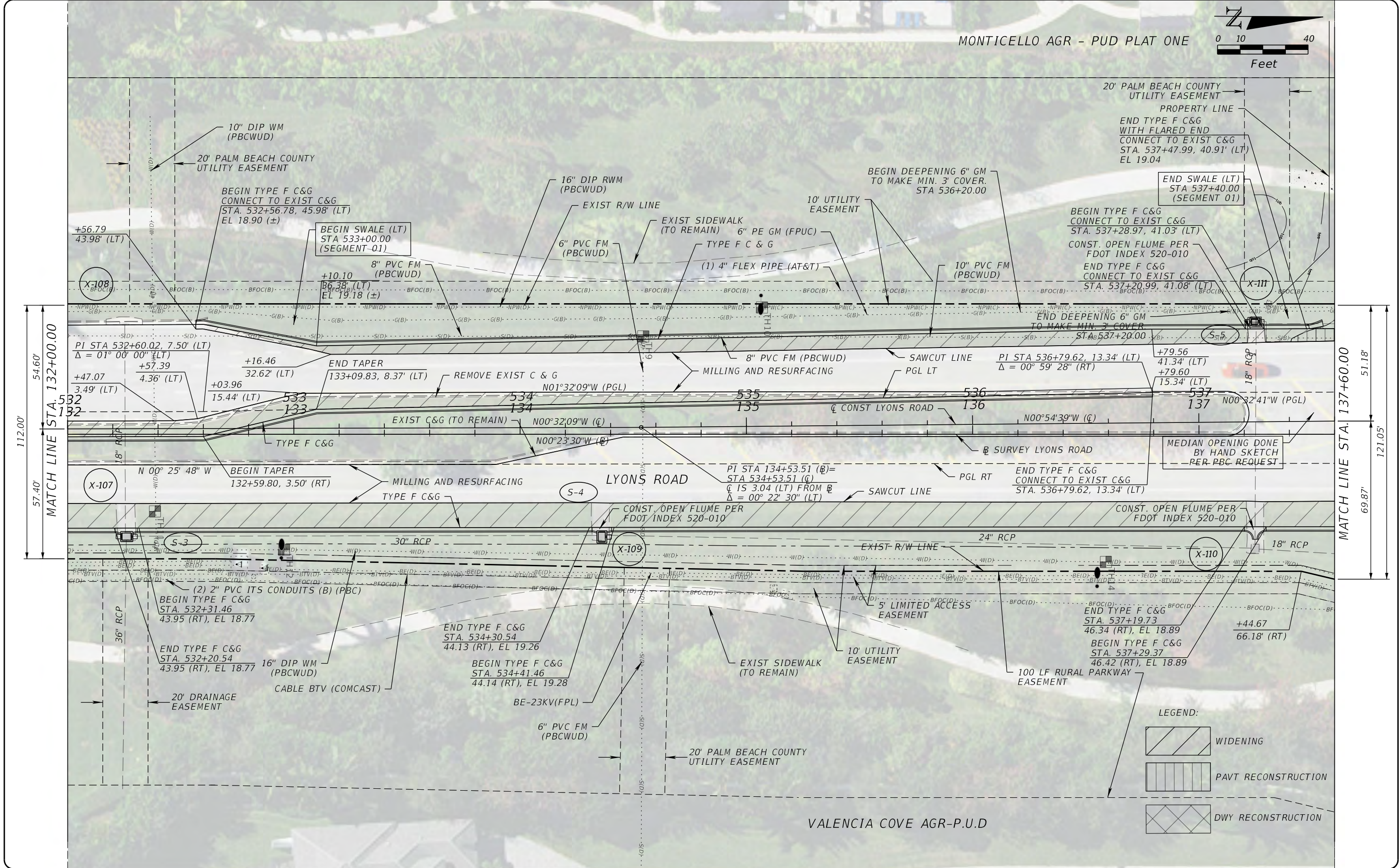
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ROADWAY PLAN

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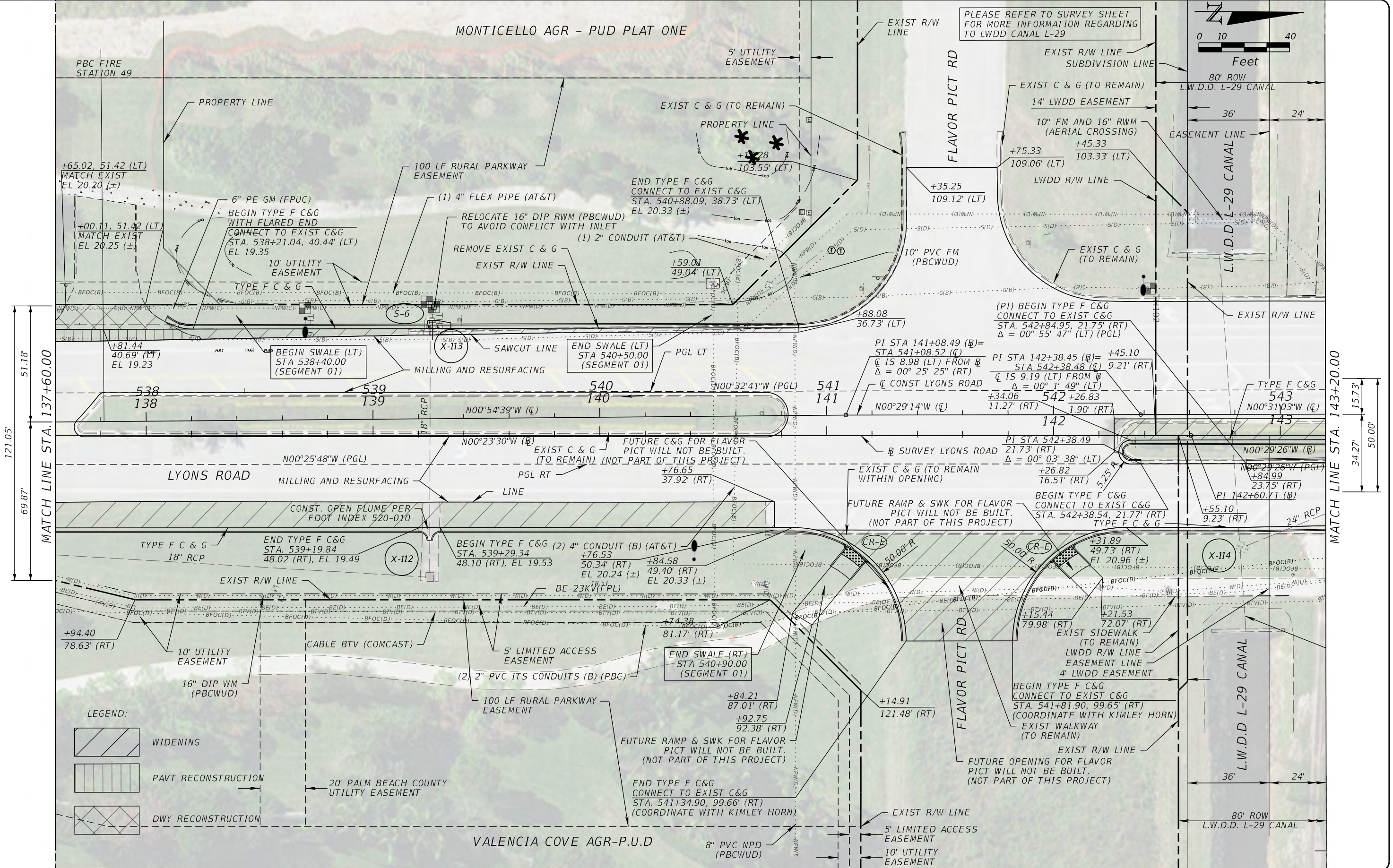
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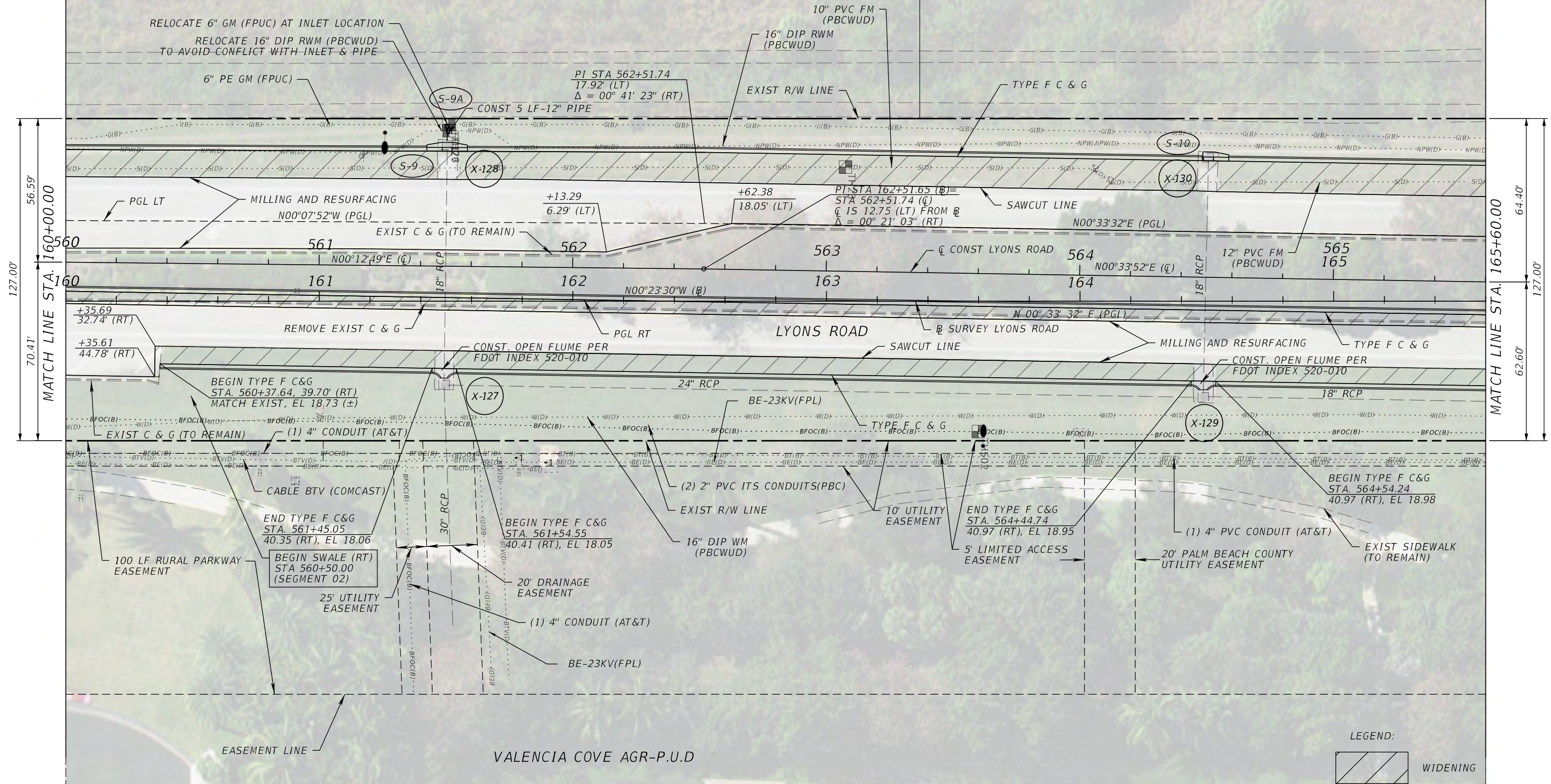
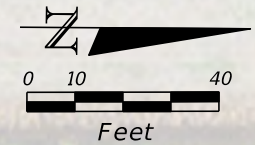
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PALM BEACH FARMS



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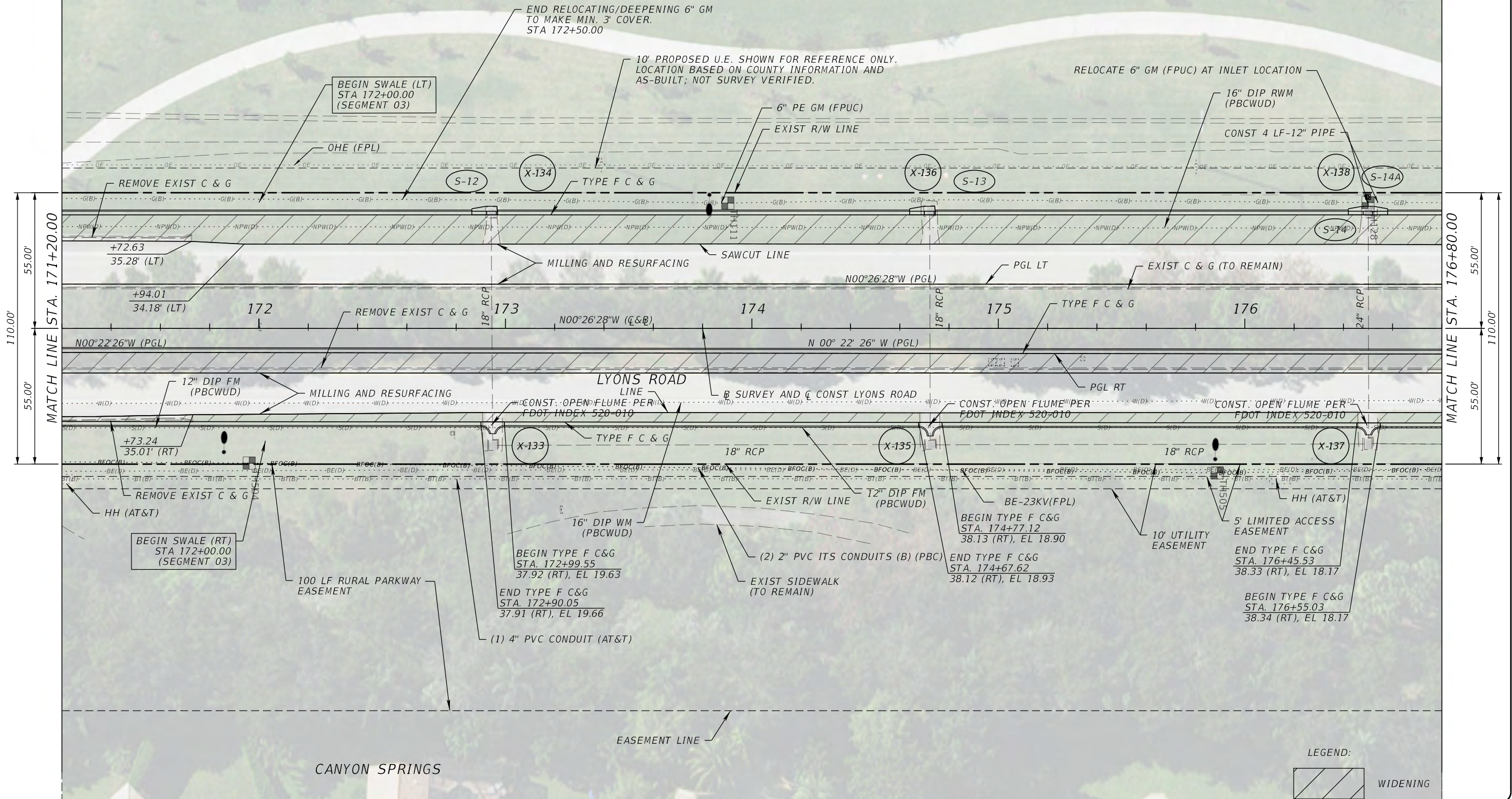
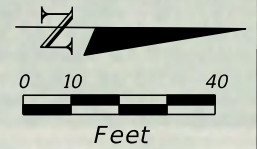
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PALM BEACH FARMS CO - PLAT NO. 3

PALM BEACH FARMS CO - PLAT NO. 3



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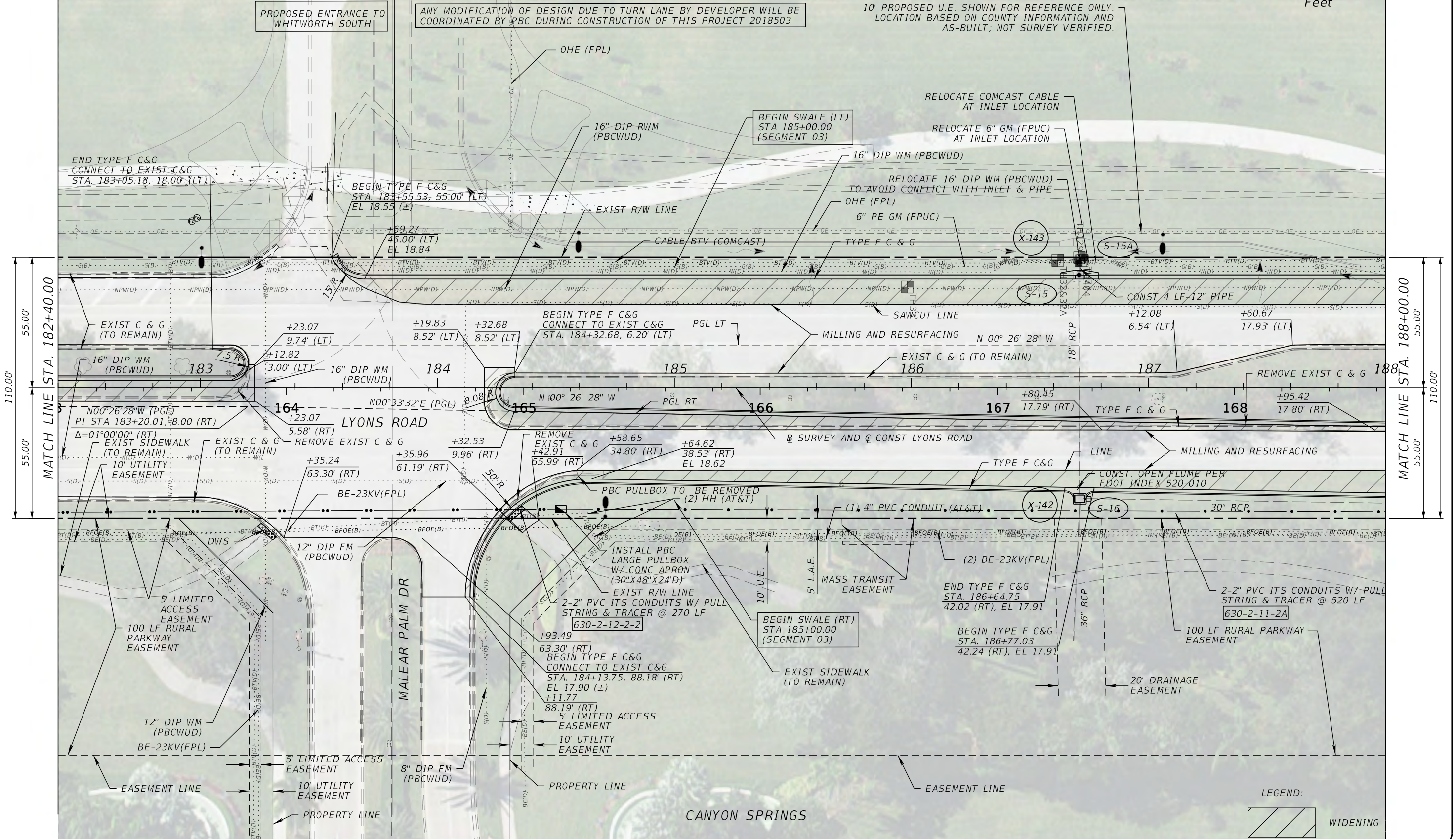
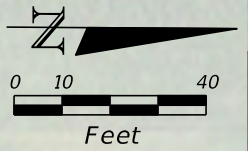
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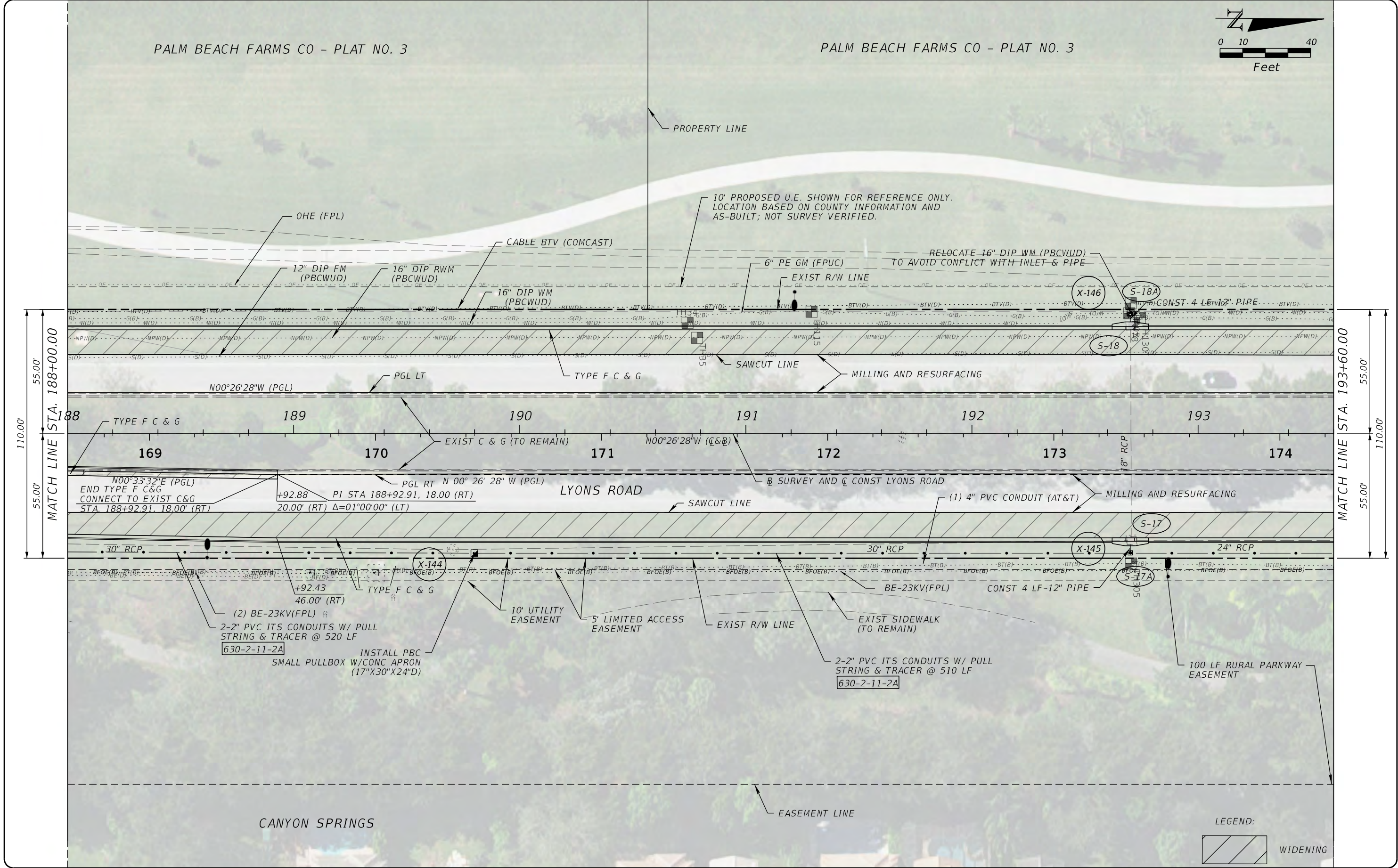
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