

ROADWAY AND DRAINAGE IMPROVEMENT PLANS
SIGNING & PAVEMENT MARKING PLANS (FOR INFORMATION ONLY)
SPECIFIC PURPOSE AND TOPOGRAPHIC SURVEY

FROM SMITH FARM BOULEVARD TO LANTANA ROAD

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32	SIDEWALK CURB AND OPEN CUT DETAIL

PROJECT No. 2019603

MAYOR
MARIA G. MARINO
District 1

BOBBY POWELL, JR.
District 7

GREGG K. WEISS
District 2

VICE MAYOR
SARA BAXTER
District 6

JOEL FLORES
District 3

MARIA SACHS
District 5

MARCI WOODWARD
District 4



DATUM – THESE PLANS WERE
PREPARED BASED ON NAVD '88
(add 1.483' to convert to NGVD '29)

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>



KESHAVARZ & ASSOCIATES
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

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.

FINAL PLANS


LENGTH OF PROJECT		
ITEM	Project Total	
	Lin. Ft	Miles
ROADWAY	2,730	0.5
BRIDGES	0	0
Net Length of Project	2,730	0.5
Exceptions	0	0
Gross Length of Project	2,730	0.5

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

[illegible]

SCALE: NTS	
FIELD	XX
DESIGNED	RW
DRAWN	KV
CHECKED	RW
APPROVED	MW
DATE: 08/28/20	

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

SHEET **1**
OF: **32**
PROJECT NO.
2019603

GENERAL NOTES (continued):

35. ALL EXISTING INLET GRATES & MANHOLE CASTINGS WHICH ARE REMOVED WITHIN THE LIMITS OF COUNTY R/W'S SHALL BE STOCKPILED WITHIN THE R/W FOR REMOVAL BY COUNTY FORCES. CONTACT PALM BEACH COUNTY ROAD AND BRIDGE DIVISION AT (561) 233-3956.
36. CONTRACTOR SHALL TAKE ALL NECESSARY CARE & CAUTION TO PREVENT MILLED MATERIALS FROM ENTERING THE EXISTING & PROPOSED DRAINAGE SYSTEM. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN ITEM FOR MILLING EXISTING ASPHALT PAVEMENT.
37. IN AREAS REQUIRING PAVEMENT REMOVAL, THE CONTRACTOR SHALL REMOVE ALL ASPHALT, BASE AND STABILIZATION AND BACKFILL WITH CLEAN A-2/A-3 MATERIAL AS DIRECTED BY THE ENGINEER.
38. NONE OF THE EXISTING BASE THAT IS REMOVED DURING CONSTRUCTION SHALL BE USED IN THE CONSTRUCTION OF THE PROPOSED BASE, UNLESS AUTHORIZED BY THE ENGINEER.
39. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VISUALLY EXAMINE THE SITE OF CONSTRUCTION TO DETERMINE THE AMOUNT OF CLEARING AND EXISTING FACILITIES TO BE PROTECTED, REPLACED, REMOVED, AND/OR RELOCATED WHICH MAY BE REQUIRED TO COMMENCE WORK. ALL CONTRACTORS SHALL PROTECT EXISTING IMPROVEMENTS THAT ARE CONTIGUOUS TO THE CONSTRUCTION AREA.
40. IF WITHIN PALM BEACH COUNTY JURISDICTION, PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE MUTCD FOR STREETS AND HIGHWAYS AND PALM BEACH COUNTY TYPICAL NO. T-P-21.
41. ALL WORK SHALL BE PERFORMED IN A SAFE, WORKMANLIKE MANNER AND SHALL CONFORM WITH ALL APPLICABLE LOCAL, REGIONAL, STATE, AND FEDERAL REGULATIONS AND/OR CODES. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FEDERAL, STATE, COUNTY, AND, IF APPLICABLE, LOCAL MUNICIPAL REGULATIONS. THE LATEST EDITION OF FLORIDA DOT SPECIFICATIONS, DETAILS, AND ADDENDA SHALL GOVERN AS APPLICABLE TO THE TYPE OF CONSTRUCTION.
42. CONTRACTOR SHALL COORDINATE WITH OWNER AND ALL OTHER CONTRACTORS TO ENSURE PROPER CONSTRUCTION SEQUENCE OF PROJECT. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND UTILITIES SHALL BE INSTALLED PRIOR TO PAVEMENT CONSTRUCTION AND OTHER ABOVE GROUND IMPROVEMENTS.
43. THE CONTRACTOR SHALL ALSO COORDINATE AND NOTIFY APPLICABLE UTILITY AGENCY PERSONNEL AND ENGINEER FOR REQUIRED INSPECTIONS (MIN. 48 HR. NOTICE), AND SHALL SUPPLY ANY AND ALL EQUIPMENT NECESSARY TO PROPERLY TEST OR INSPECT THE WORK.
44. GUARANTY-ALL MATERIAL AND EQUIPMENT TO BE FURNISHED OR INSTALLED BY THE CONTRACTOR(S) UNDER THE CONSTRUCTION CONTRACT FOR THIS PROJECT SHALL BE GUARANTEED AGAINST DEFECTIVE MATERIALS, AND WORKMANSHIP. UPON RECEIPT OF NOTICE FROM THE OWNER OF FAILURE OF ANY PART OF THE INSTALLATION, GUARANTEED EQUIPMENT OR MATERIALS, DURING THE GUARANTY PERIOD, THE AFFECTED PART, PARTS OR MATERIALS SHALL BE REPLACED PROMPTLY WITH THE NEW PARTS OR MATERIALS BY THE CONTRACTOR, AT NO EXPENSE TO THE OWNER. IN THE EVENT THE CONTRACTOR FAILS TO MAKE THE NECESSARY REPLACEMENT OR REPAIRS WITHIN SEVEN DAYS AFTER NOTIFICATION BY THE OWNER, THE OWNER MAY ACCOMPLISH THE WORK AT THE EXPENSE OF THE CONTRACTOR.
45. ALL CONCRETE SHALL DEVELOP A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI UNLESS OTHERWISE NOTED. CLASS I CONCRETE SHALL CONFORM WITH THE FDOT SPECIFICATIONS, LATEST EDITION, AS AMENDED BY PALM BEACH COUNTY.
46. ALL STEEL SHALL BE DOMESTIC GRADE 60 (FY=60 KSI) AND CONFORM TO ASTM A-615 SPECIFICATIONS. ALL STEEL SPLICES, CONSTRUCTION AND PLACEMENT, AND ALL STEEL TIES SHALL CONFORM TO NCMA AND ACI PRACTICES AND RECOMMENDATIONS.
47. ALL MASONRY UNITS AND GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH

OF 1800 PSI AND SHALL MEET ALL NCMA SPECIFICATIONS AND RECOMMENDATIONS.

48. ALL MUCK AND PLASTIC MATERIAL WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH FDOT STANDARD INDEX 500.
49. IF HARDPAN IS ENCOUNTERED IN ROAD SIDE SWALES OR ANY AREA DESIGNATED FOR DRAINAGE, IT SHALL BE REMOVED TO A WIDTH OF 2 FEET AT THE SWALE INVERT, OR 5' OUTSIDE OF DRAINAGE AREA, AND SHALL BE COMPLETELY REPLACED WITH GRANULAR MATERIAL.
50. CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM ALL EXCAVATION IN ACCORDANCE WITH THE DEPARTMENT OF LABOR - OCCUPATIONAL SAFETY AND HEALTH STANDARDS EXCAVATION: FINAL RULE (29 CFR PART 1926) FORM FEDERAL REGULATIONS TUESDAY OCTOBER 31, 1991 AND OSHA 2226 (REV. 1990) EXCAVATION AND TRENCHING STANDARDS.
51. ALL CATCH BASINS SHALL HAVE CLEAN MURAFI FILTER FABRIC PLACED ON THEM AND ANY AND ALL CONTRACTORS SHALL TAKE ALL REQUIRED ACTIONS TO PREVENT SOIL EROSION INTO THE DRAINAGE SYSTEM. MANHOLES, RECEIVING WATERS, ETC.
52. WHERE DRAINAGE 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.
53. THE CONTRACTOR SHALL LOWER THE GROUND 2 INCHES BELOW FINISHED GRADE PRIOR TO PLACEMENT OF SOD TO ALLOW FOR THE THICKNESS OF THE SOD.
54. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
55. CONTRACTOR SHALL NOTIFY SUNSHINE STATE ONE CALL OF FLORIDA AT (1-800-432-4770) AND ALL AFFECTED UTILITIES TWO FULL BUSINESS DAYS IN ADVANCE OF ANY CONSTRUCTION SO THAT A COMPANY REPRESENTATIVE MAY BE PRESENT.
KNOWN UNDERGROUND UTILITY PROVIDERS:
- | CONTACT PERSON | UTILITY | PHONE NUMBER |
|----------------------|-------------------------------|--------------|
| MIYA FISHER | COMCAST CABLE COMMUNICATIONS | 561 815-6633 |
| GARTH BEDWARD | AT&T FLORIDA | 561 329-5451 |
| WALTER SANCHO-DAVILA | HOTWIRE COMMUNICATIONS | 954 699-0900 |
| RONA SOLOMON | FLORIDA POWER & LIGHT COMPANY | 561 541-5376 |
| FERNANDO VANLEEUEWEN | FLORIDA PUBLIC UTILITIES | 561 398-2338 |
| JACKIE MICHELS, P.E. | PBC WATER UTILITIES DEPT. | 561 493-6116 |
| DANIEL REDRIGUEZ | PALM BEACH COUNTY TRAFFIC | 561 681-4365 |
| MIKE QUINN | PALM BEACH COUNTY ISS | 561 379-2616 |
56. A PRECONSTRUCTION CONFERENCE WITH THE OWNER, ENGINEER, CONTRACTORS AND ANY INVOLVED PARTIES WILL BE SCHEDULED BY THE PRIME CONTRACTOR PRIOR TO THE INITIATION OF CONSTRUCTION.
57. SUBGRADE-SUBGRADE SHALL BE COMPACTED TO MEET THE DENSITY REQUIREMENTS AS DETERMINED BY THE AASHTO T-180 SPECIFICATIONS. SUBGRADE SHALL EXTEND A MINIMUM OF 12 INCHES BEYOND THE PROPOSED EDGE OF PAVEMENT AND THE ENTIRE DEPTH SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY. ALL STUMPS, ROOTS OR OTHER DELETERIOUS MATTER ENCOUNTERED IN THE PREPARATION OF THE SUBGRADE SHALL BE REMOVED TO A DEPTH OF 3 FEET BELOW THE FINISHED ROAD GRADE. ALL SUCH MATERIAL/MATTER SHALL BE REMOVED WITHIN 8 FEET OF THE EDGE OF PAVEMENT. THE SUBGRADE SHALL BE COMPACTED AND STABILIZED AS SHOWN IN THE DETAILS WITH BEARING AND DENSITY DETERMINATIONS TO BE MADE BY THE APPLICABLE LATEST FLORIDA DOT SPECIFICATIONS.
58. BASE - BASE MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 98% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180 SPECIFICATIONS AND AS CALLED FOR IN THE FLORIDA DOT SPECIFICATIONS, LATEST EDITION-SECTION 250. BASE GREATER THAN 6" SHALL BE CONSTRUCTED IN TWO EVEN LIFTS OR 4" INTERVALS AND 6" BEYOND THE EDGE OF PAVEMENT.
59. SURFACE COURSE - ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM WITH THE REQUIREMENTS OF THE FLORIDA DOT SPECIFICATIONS, LATEST EDITION SECTION 331. THE MINIMUM COMPACTED THICKNESS IS AS NOTED IN PLANS.

60. THE CONTRACTOR BID FOR OVERLAY SHALL INCLUDE THE REPAIR OF EXISTING POTHoles AND APPLICATION OF THE TACK COAT.
61. 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, LATEST EDITION, AND AS AMENDED BY PALM BEACH COUNTY.
62. 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.
63. UPON COMPLETION OF CONSTRUCTION ALL DISTURBED AREAS INCLUDING EXISTING FACILITIES, RIGHTS-OF-WAY, SIDEWALKS, LANDSCAPING, ETC. SHALL BE FULLY RESTORED.
64. UPON COMPLETION OF ANY AND ALL SLOPES WITHIN THE PROJECT, PROTECTION MEASURES SUCH AS SOD, PLANTINGS, AND/OR TEMPORARY FILTER FABRICS SHALL BE INSTALLED TO PREVENT EROSION.
65. RECORD DRAWINGS - THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND SUBMIT TO ENGINEER A COMPLETE DETAILED SET OF RECORD DRAWING DATA PREPARED BY A REGISTERED FLORIDA SURVEYOR. THE RECORD DRAWINGS SHALL ADHERE TO ANY SPECIFICS REQUIRED BY THE ENGINEER.
66. UNDERGROUND CONTRACTOR SHALL SUBMIT ALL RECORD DATA TO THE ENGINEER FOR HIS REVIEW AND APPROVAL PRIOR TO PAVEMENT AND/OR CURB INSTALLATION. ANY NECESSARY ADJUSTMENT AT THIS TIME WILL BE THE RESPONSIBILITY OF THE UNDERGROUND CONTRACTOR.
67. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TESTS AND SHALL SUBMIT REPORTS FOR REVIEW AND APPROVAL. THE TESTS SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY. PAYMENT FOR TESTING PER CONTRACT WITH OWNER. ANY RETEST FOR FAILURE WILL BE AT THE CONTRACTOR'S EXPENSE.



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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

Randy Wertepny
P.E. 72504
Dec 03, 2024

NO.	REVISION:	DATE:
△	PLAN REVISION	12/24



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

SCALE:
APPROVED: MW
DRAWN: KV
CHECKED: RW
DATE: 8/28/24
FIELD BOOK NO:

GENERAL NOTES
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD TO
LANTANA ROAD

SHEET **3**
OF: **32**
PROJECT NO. 19-1276
PBC JOB NO. 2019603

SUMMARY OF QUANTITIES

SUMMARY OF ROADWAY QUANTITIES

ITEM NO.	FDOT ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY
1		MOBILIZATION	LS	1
2	0102 1	MAINTENANCE OF TRAFFIC (INCL. PEDESTRIAN MOT)	LS	1
3	0110 1 1	CLEARING AND GRUBBING	LS	1
4	0120 1	REGULAR EXCAVATION	CY	1686
5	0120 6	EMBANKMENT (COMPACTED IN PLACE)	CY	62
6	0120 4	TYPE B STABILIZATION (LRB 40), 12"	SY	3332
6	0285713	OPTIONAL BASE GROUP 13 (PRIMED) FURNISHED AND PLACED	SY	3234
7	0327 70 1	MILL EXISTING ASPHALT PAVEMENT (1" AVG DEPTH)	SY	16618
8	0339 1	ASPHALT SIDEWALK REPLACEMENT	TN	31.10
9	0334 1 13	TYPE SP STRUCTURAL COURSE, TRAFFIC LEVEL C (1.5")	TN	226.36
10	0337 7 80	TYPE FC-9.5 FRICTION COURSE (1" DEPTH)	TN	1064.88
11	0425 4	CURB INLET TYPE P-6, ADJUST	EA	2
12	0425 5	MANHOLE, ADJUST	EA	4
13	0425 6	VALVE BOX, ADJUST	EA	2
14	0520 1 10	CONCRETE CURB AND GUTTER TYPE F	LF	1765
15	0522 1	CONCRETE SIDEWALK (4" THICK)	SY	1087
16	0522 2	CONCRETE SIDEWALK (6" THICK)	SY	123
17	0570 1 2	SOD	SY	36
18		VARIABLE HEIGHT SIDEWALK CURB (0-9") AT BACK OF WALK	LF	663
19		REMOVE EX. INLET E-30A & 90 LF 18" RCP	LS	1
20	0550 10220	6'H CHAIN LINK FENCE	LF	65
21	0550 60211	6'H X 6'W CHAIN LINK PEDESTRIAN GATE	EA	1
22		6'H X 50'W DOUBLE SWING CHAIN LINK VEHICLE GATE	EA	1
23		LWDD VEHICLE ACCESS GATE WITH CHAIN LINK PANEL	EA	1
CONTINGENCY ITEMS				
24	0121 70	FLOWABLE FILL	CY	50
25	0102 14	TRAFFIC CONTROL OFFICER (NON MOT)	HR	20
26	0102 74 7	CHANGEABLE (VARIABLE MESSAGE) SIGN (NON MOT)	ED	10
27		STORM SEWER CLEANING (EXIST.) (24" OF LESS)	LF	500
28		STORM SEWER CLEANING (EXIST.) (>24" TO 48)	LF	500
29		STORM SEWER PUMPING (EXIST.) (24" OF LESS)	LF	500
30		STORM SEWER PUMPING (EXIST.) (>24" TO 48)	LF	500
31		TEMPORARY FENCE	LF	100
32		PROTECT AND SUPPORT CONDUIT	LF	200

UNITS LEGEND:

CY = CUBIC YARDS
 LF = LINEAR FEET
 LS = LUMP SUM
 SY = SQUARE YARDS
 TN = TON
 EA = EACH

PAY ITEM NOTES:

- ALL COST FOR MAINTENANCE OF TRAFFIC (MOT) AND MOBILIZATION SHALL BE CONSIDERED INCIDENTAL TO, AND SHALL BE INCLUDED IN, UNIT PRICES FOR PAY ITEMS.
- ALL ITEMS SHALL INCLUDE COST TO FURNISH AND INSTALL UNLESS OTHERWISE NOTED.
- SAWCUT & BUTT JOINT COST SHALL BE INCIDENTAL TO ASPHALT PAY ITEMS.
- EXCAVATION AND BACKFILL FOR STRUCTURES INCLUDING COST OF ANY SELECT BEDDING MATERIAL THAT MAY BE NECESSARY FOR SATISFACTORY INSTALLATION AS DIRECTED BY PALM BEACH COUNTY IS CONSIDERED INCIDENTAL TO THE COST OF THE STRUCTURES.
- CONTINGENCY ITEMS MAY BE INCREASED, DECREASED OR DELETED AS DIRECTED BY THE ENGINEER.
- SODDING SHALL BE IN ACCORDANCE WITH SECTION 575 OF THE GENERAL PROVISIONS OF THIS SPECIFICATION AND SHALL INCLUDE THE COSTS FOR FERTILIZER AND WATER UNTIL FINAL ACCEPTANCE.
- THE COST OF BREAKING INTO EXISTING STRUCTURES IS INCIDENTAL TO THE COST OF PIPE.
- BERM CONSTRUCTION, SWALE CONSTRUCTION, RE-GRADING OF ROADWAYS, DRIVEWAYS, CANAL SECTIONS AND ALL OTHER ROUGH & FINISH EARTHWORK SHALL BE CONSIDERED INCIDENTAL TO EXCAVATION AND EMBANKMENT PAY ITEMS.
- PRIME AND TACK COATS ARE CONSIDERED INCIDENTAL TO ASPHALT CONSTRUCTION.
- THE REMOVAL OF EXISTING CONCRETE SPHERICAL/CONICAL PARKING PREVENTERS AND BARRIERS ARE INCIDENTAL TO THE CLEARING AND GRUBBING PAY ITEM.
- NPDES EROSION CONTROL MEASURES ARE TO BE INCLUDED IN THE MOBILIZATION PAY ITEM.
- REMOVAL AND DISPOSAL OF PAVEMENT, CONCRETE, CURB AND GUTTER, TREES, SIGNS, IRRIGATION, FENCES AND GATES, ETC. WITHIN THE LIMITS OF THE PROJECT ARE TO BE INCLUDED IN THE CLEARING & GRUBBING PAY ITEM.
- CURB & GUTTER PAY ITEMS INCLUDE THE CURB PAD.
- ASPHALT SIDEWALK REPLACEMENT INCLUDES REMOVAL OF EXISTING SIDEWALK, COMPACTION OF BASE MATERIAL, PRIME COAT AND 1-1/2" TYPE SP STRUCTURAL COURSE, TRAFFIC LEVEL C.
- PAY ITEM FOR REMOVAL OF EX. INLET E-30A & 90 LF 18" RCP TO INCLUDE ALL INCIDENTAL COSTS NECESSARY TO PROVIDE A COMPLETE REMOVAL AND RESTORE FUNCTION OF THE EXISTING DRAINAGE AND ROADWAY, INCLUDING BUT NOT LIMITED TO:

EXCAVATION, DEWATERING, BEDDING, BRACING, SHORING, SHEETING, TRENCH SAFETY, SAW CUTTING AND REMOVAL OF EXISTING PIPE, BRICK & MORTAR PLUG AT OPENING IN EX. STRUCTURE, BACKFILLING WITH SUITABLE MATERIAL, COMPACTION, GRADING, DISPOSAL OF PIPE AND LABOR NECESSARY TO PERFORM ALL REQUIRED WORK WITHIN THE SPECIFIED LOCATION. THIS ITEM SHALL ALSO INCLUDE THE REMOVAL OF THE EXISTING ROADWAY PAVEMENT AND BASE MATERIAL, AS WELL AS LABOR AND MATERIALS FOR ROADWAY REPLACEMENT IN ACCORDANCE WITH THE TYPICAL SECTIONS, INCLUDING COMPACT SUBGRADE, BASE AND ASPHALT PAVEMENT.

- PAY ITEM NO. 6, OPTIONAL BASE GROUP 13 INCLUDES 12" COMPACTED SUBGRADE PER FDOT STANDARDS.



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Randy Wertepny
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 Dec 12, 2024

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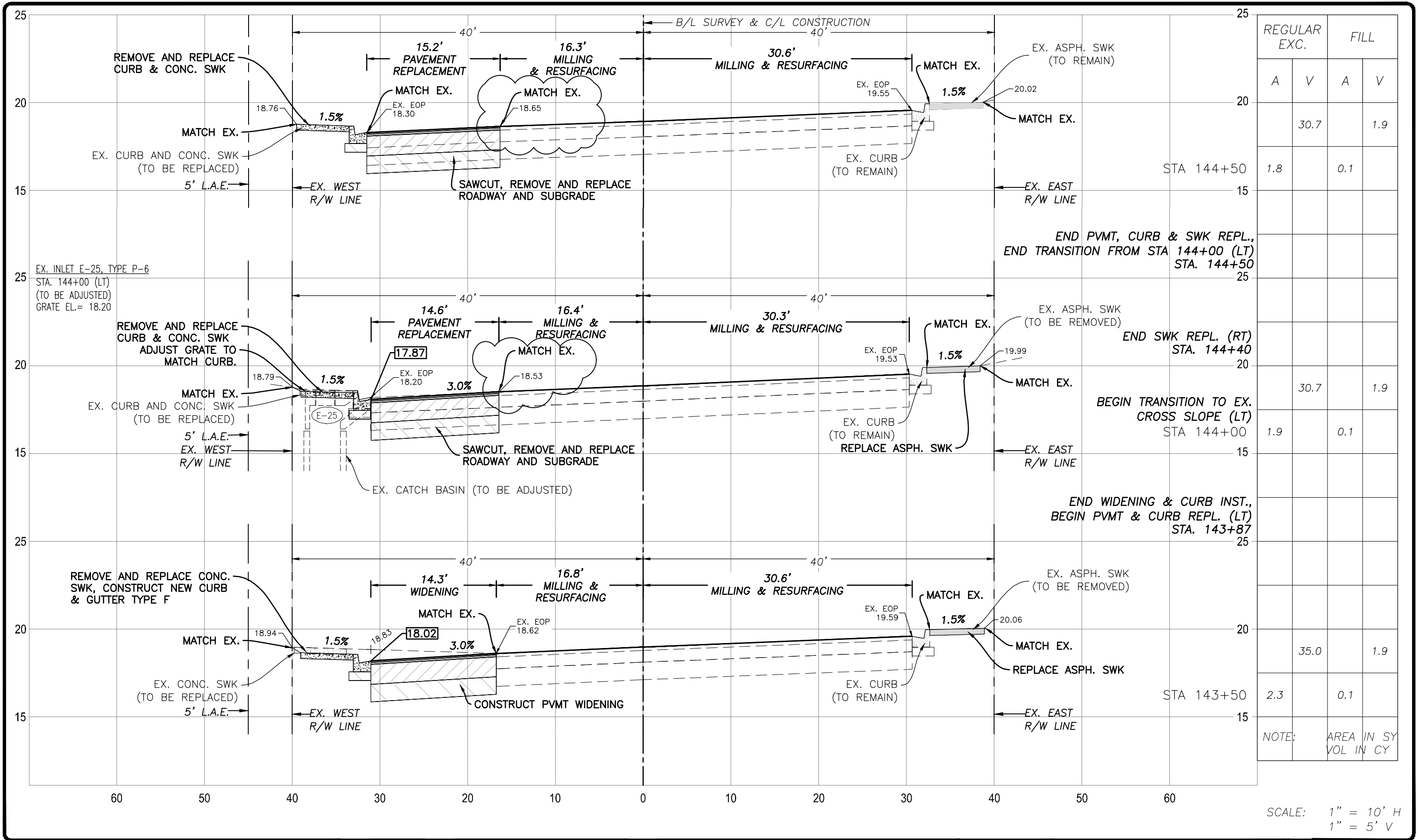
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QUANTITIES
HAGEN RANCH ROAD
 FROM SMITH FARM BOULEVARD TO
 LANTANA ROAD

SHEET 4
 OF: 32
 PROJECT NO. 19-1276
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SCALE: 1" = 10' H
1" = 5' V




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NO: 1

REVISION: PLAN REVISION

DATE: 12/24

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Dec 03, 2024



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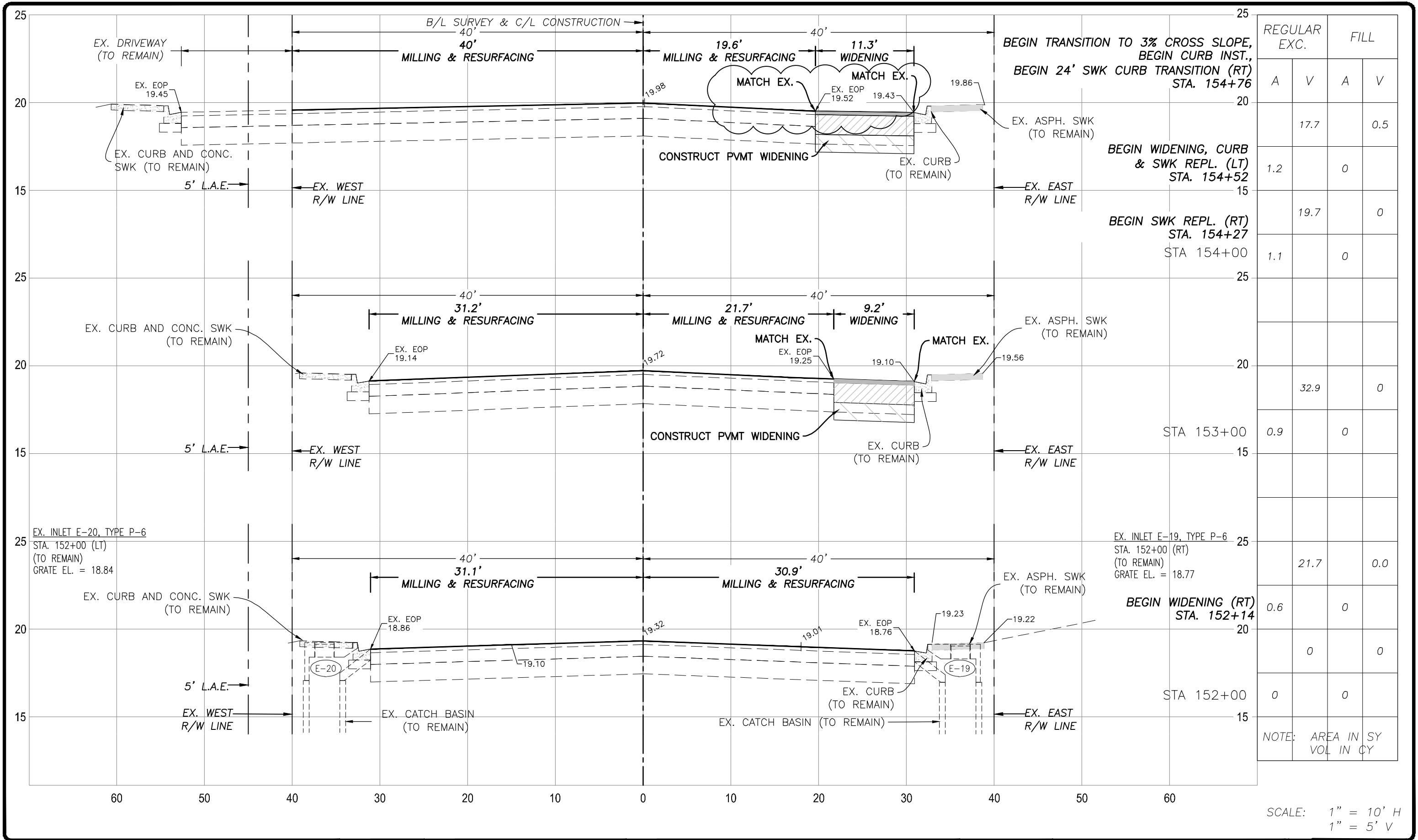
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CROSS SECTIONS
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD TO
LANTANA ROAD

SHEET 23
OF: 32

PROJECT NO. 19-1276
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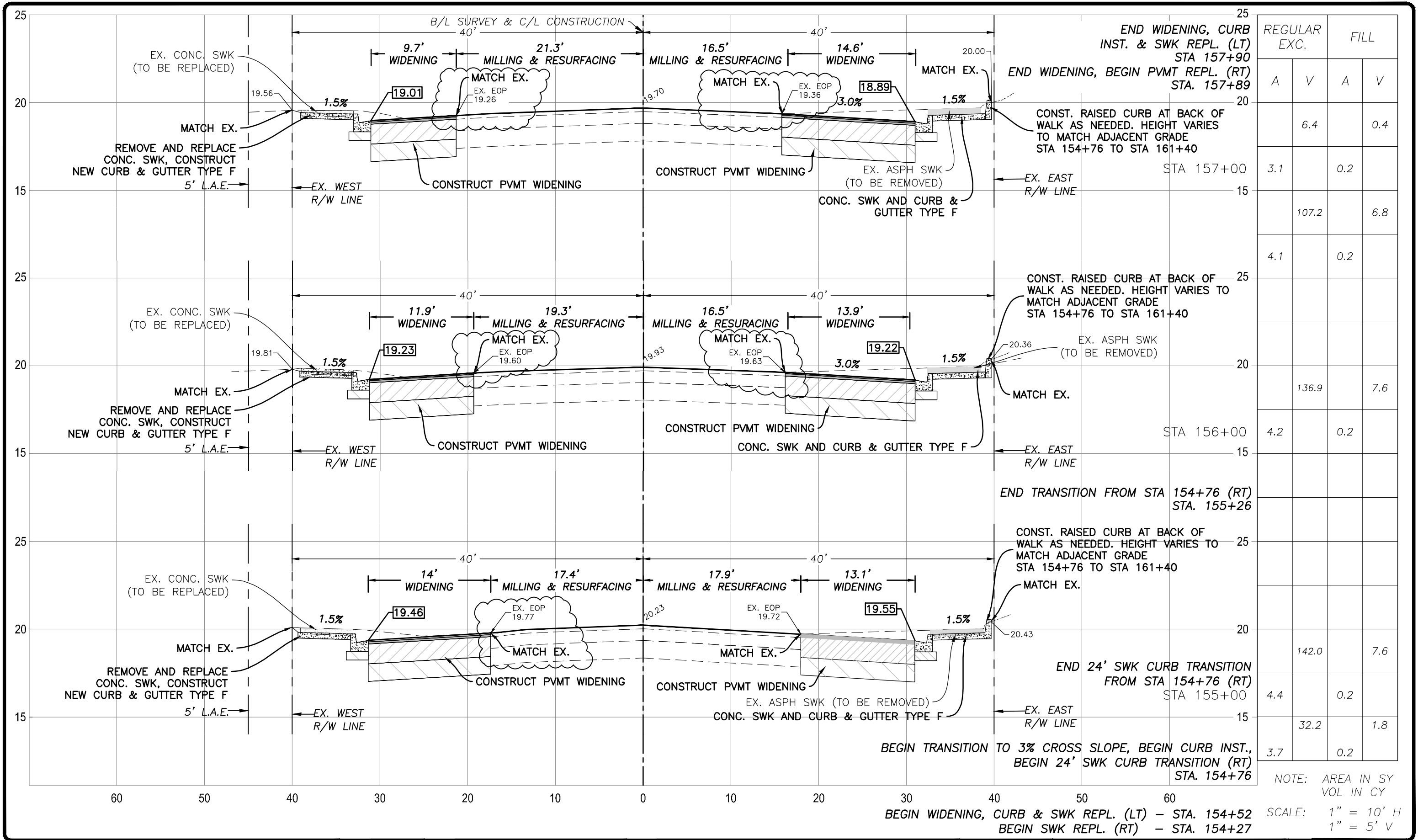
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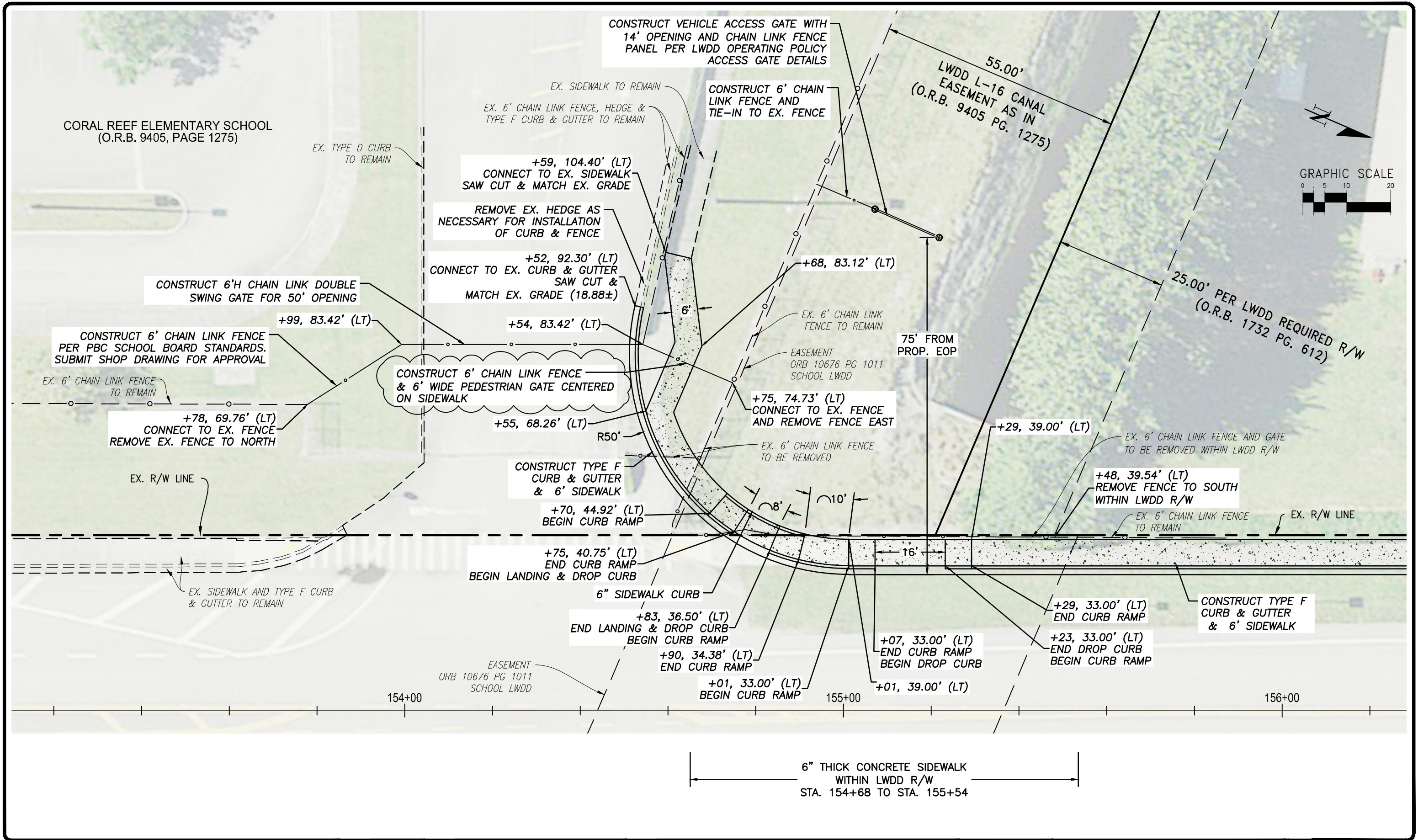
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CROSS SECTIONS
HAGEN RANCH ROAD
FROM SMITH FARM BOULEVARD TO
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SHEET 27
OF: 32
PROJECT NO. 19-1276
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REGULAR EXC.		FILL	
A	V	A	V
3.1	6.4	0.2	0.4
4.1	107.2	0.2	6.8
4.2	136.9	0.2	7.6
4.4	142.0	0.2	7.6
3.7	32.2	0.2	1.8



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