

NOT IN CONTRACT
STA 408+00 THRU
STA 418+76.47

CENTERLINE 57TH STREET - EAST

Material(s) at Station 409+31.04

Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.85F
Overbuild	3.95F
Reclaimed Reclamation	5.85F
Full Depth Reclamation	17.45F
Base Material	0.85F
SubBase Material	0.05F
Cut Existing	0.85F
Fill Proposed	0.05F
Over Excavate	0.05F

409+31.04

58TH AVENUE

CENTERLINE
CONSTRUCTION

EXISTING
SSWR FM
8" HDPE

EXISTING
BRINE
16" HDPE

CENTERLINE 57TH STREET - WEST

Material(s) at Station 409+22.17

Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.85F
Overbuild	2.25F
Reclaimed Reclamation	5.45F
Full Depth Reclamation	18.35F
Base Material	0.85F
SubBase Material	0.05F
Cut Existing	0.85F
Fill Proposed	0.05F
Over Excavate	0.05F

409+22.17

58TH AVENUE

CENTERLINE
CONSTRUCTION

EXISTING
FIBER OPTIC

EXISTING
WATER
20" DIP

MATCH
EXISTING
GRADE

Material(s) at Station 409+00.00

Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.85F
Overbuild	0.85F
Reclaimed Reclamation	11.35F
Full Depth Reclamation	33.95F
Base Material	0.85F
SubBase Material	0.05F
Cut Existing	0.85F
Fill Proposed	0.05F
Over Excavate	0.05F

409+00.00

58TH AVENUE

CENTERLINE
CONSTRUCTION

EXISTING
FIBER OPTIC

EXISTING
WATER
20" DIP

EXISTING
SSWR FM
8" HDPE

SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

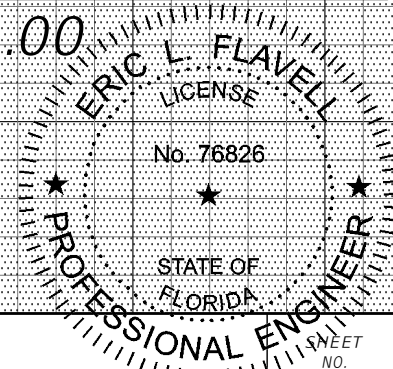
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE



SHEET NO.

100

FOR BIDDING PURPOSES ONLY

NOT IN CONTRACT
STA 408+00 THRU
STA 418+76.47

Materials at Station 412+00.00

Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	0.55F
Reclaimed Reclamation	11.35F
Full Depth Reclamation	34.35F
Base Material	0.25F
SubBase Material	0.15F
Exc. Existing	1.35F
Fill Proposed	0.15F
Over Excavate	0.85F

412+00.00

Materials at Station 411+00.00

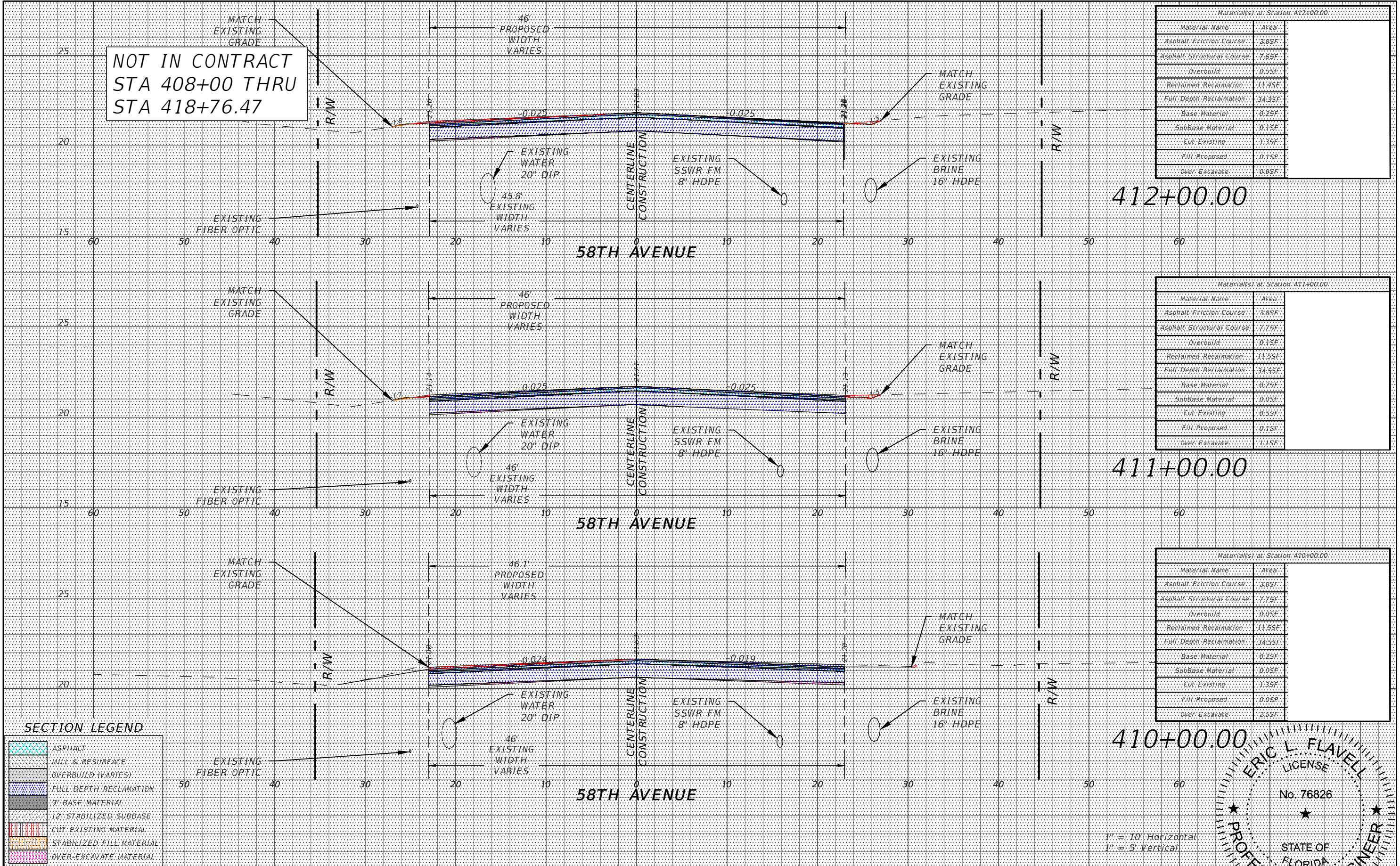
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	0.15F
Reclaimed Reclamation	11.55F
Full Depth Reclamation	34.55F
Base Material	0.25F
SubBase Material	0.05F
Exc. Existing	0.55F
Fill Proposed	0.15F
Over Excavate	1.15F

411+00.00

Materials at Station 410+00.00

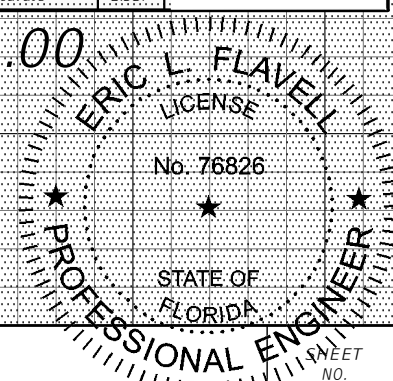
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	0.05F
Reclaimed Reclamation	11.55F
Full Depth Reclamation	34.55F
Base Material	0.25F
SubBase Material	0.05F
Exc. Existing	1.35F
Fill Proposed	0.05F
Over Excavate	2.55F

410+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 101

FOR BIDDING PURPOSES ONLY

NOT IN CONTRACT
STA 408+00 THRU
STA 418+76.47

Materials at Station 415+00.00

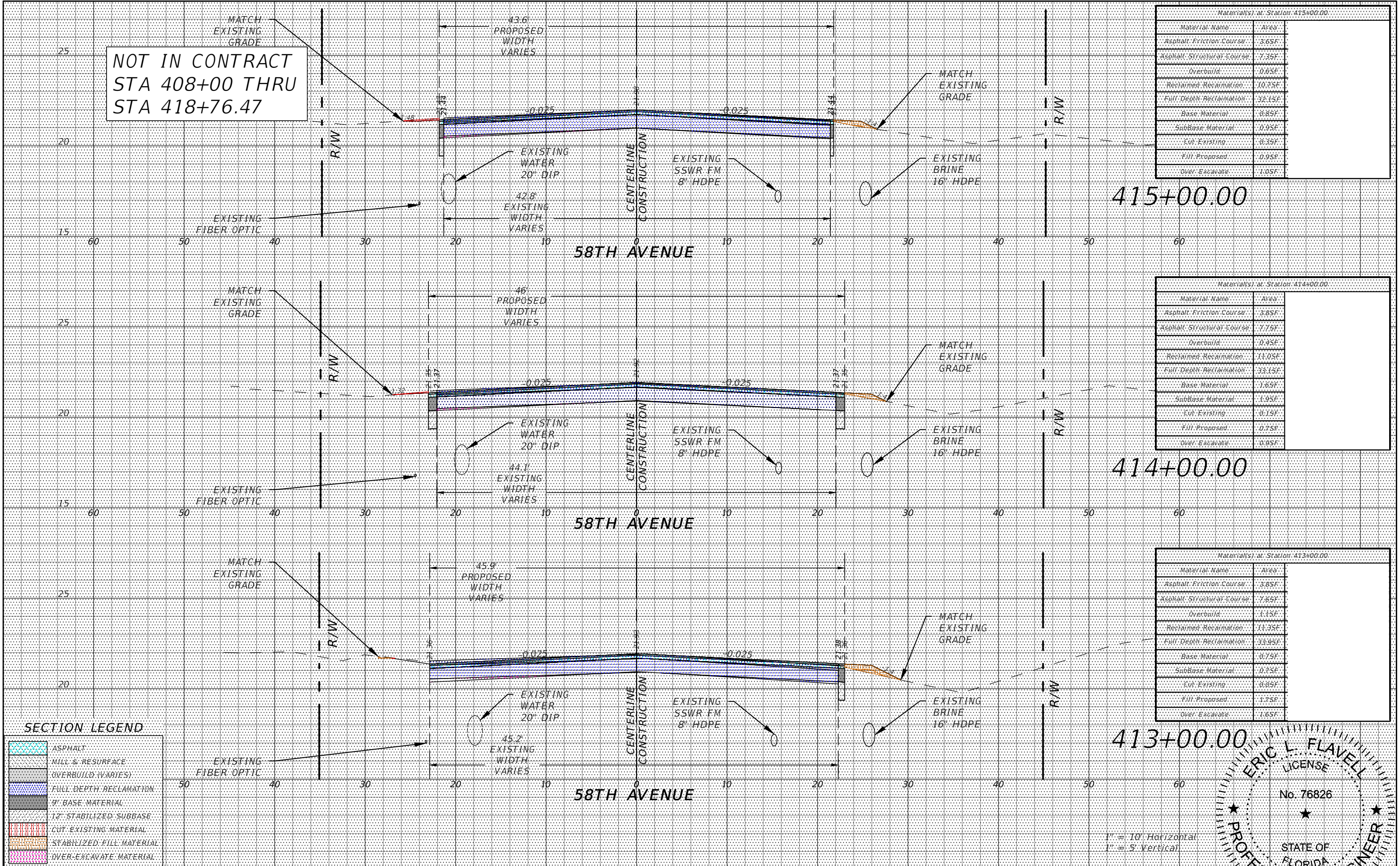
Material Name	Area
Asphalt Friction Course	3.65F
Asphalt Structural Course	7.35F
Overbuild	0.65F
Reclaimed Reclamation	10.75F
Full Depth Reclamation	32.15F
Base Material	0.85F
SubBase Material	0.95F
Cut Existing	0.35F
Fill Proposed	0.95F
Over Excavate	1.05F

Materials at Station 414+00.00

Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	0.45F
Reclaimed Reclamation	11.05F
Full Depth Reclamation	33.15F
Base Material	1.65F
SubBase Material	1.95F
Cut Existing	0.15F
Fill Proposed	0.75F
Over Excavate	0.85F

Materials at Station 413+00.00

Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	1.15F
Reclaimed Reclamation	11.35F
Full Depth Reclamation	33.95F
Base Material	0.75F
SubBase Material	0.75F
Cut Existing	0.85F
Fill Proposed	1.75F
Over Excavate	1.65F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

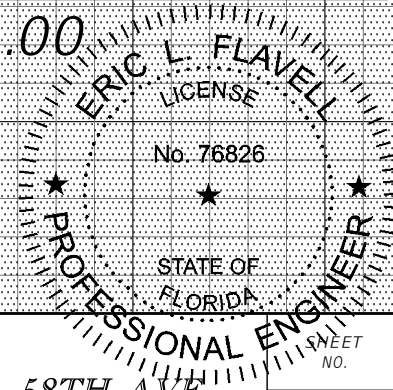
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
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BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 102



1" = 10' Horizontal
1" = 5' Vertical

NOT IN CONTRACT
STA 408+00 THRU
STA 418+76.47

Materials at Station 418+00.00

Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.75F
Reclaimed Reclamation	8.25F
Full Depth Reclamation	24.65F
Base Material	1.85F
SubBase Material	1.15F
Cut Existing	0.05F
Fill Proposed	2.25F
Over Excavate	0.05F

418+00.00

Materials at Station 417+00.00

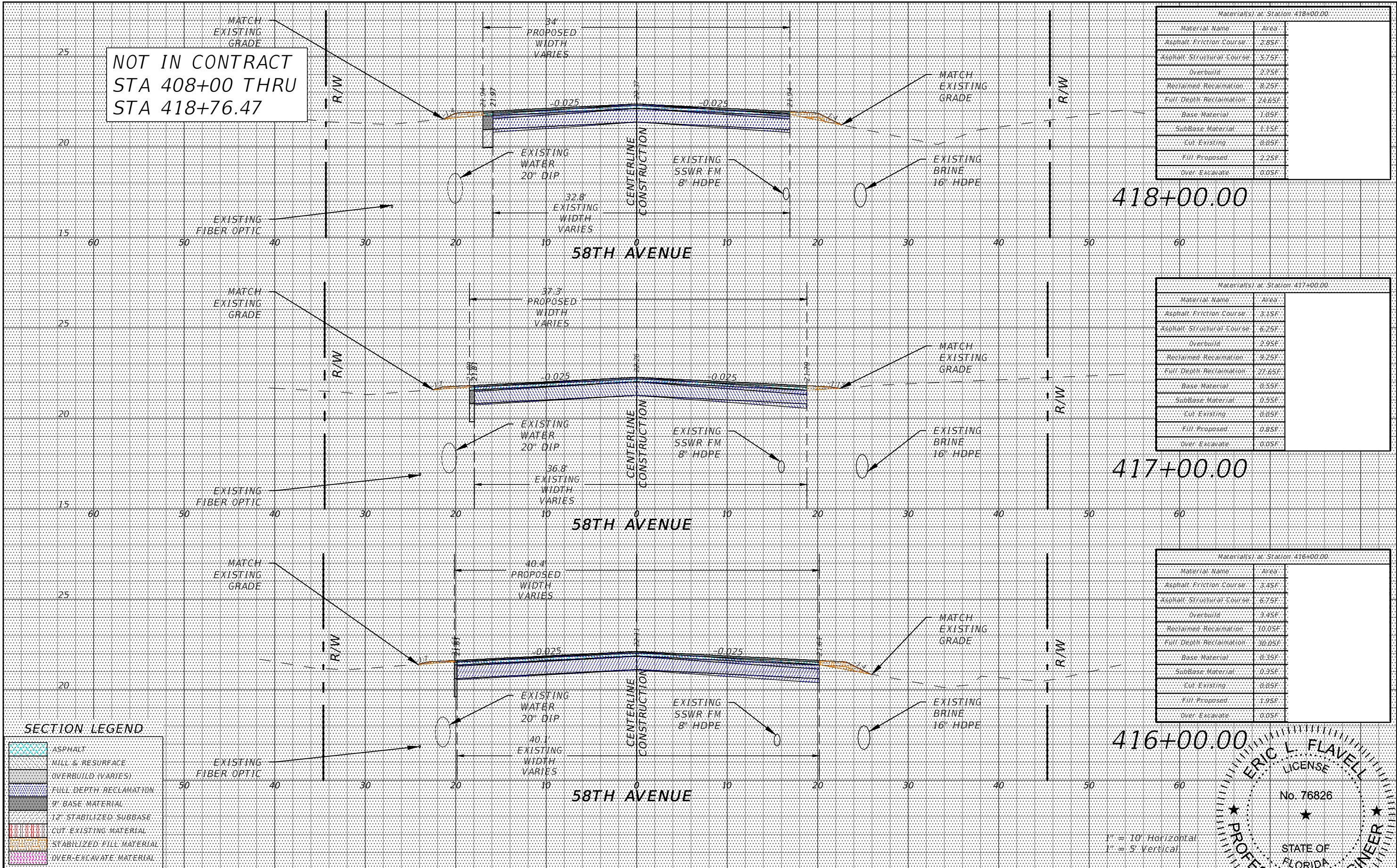
Material Name	Area
Asphalt Friction Course	3.15F
Asphalt Structural Course	6.25F
Overbuild	2.95F
Reclaimed Reclamation	9.25F
Full Depth Reclamation	27.65F
Base Material	0.55F
SubBase Material	0.55F
Cut Existing	0.85F
Fill Proposed	0.85F
Over Excavate	0.05F

417+00.00

Materials at Station 416+00.00

Material Name	Area
Asphalt Friction Course	3.45F
Asphalt Structural Course	6.75F
Overbuild	3.45F
Reclaimed Reclamation	10.05F
Full Depth Reclamation	30.05F
Base Material	0.35F
SubBase Material	0.35F
Cut Existing	0.85F
Fill Proposed	1.95F
Over Excavate	0.05F

416+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9\"/>
	12\"/>
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

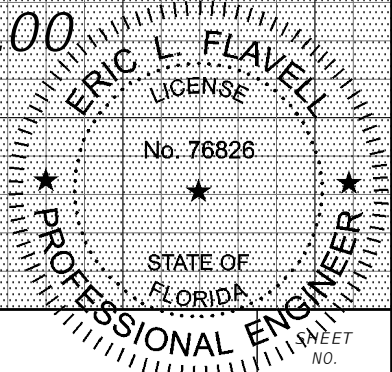
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 103



1" = 10' Horizontal
1" = 5' Vertical

Material(s) at Station 421+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.95F
Reclaimed Reclamation	7.65F
Full Depth Reclamation	22.75F
Base Material	2.95F
SubBase Material	3.85F
Cut Existing	0.05F
Fill Proposed	2.05F
Over Excavate	0.05F

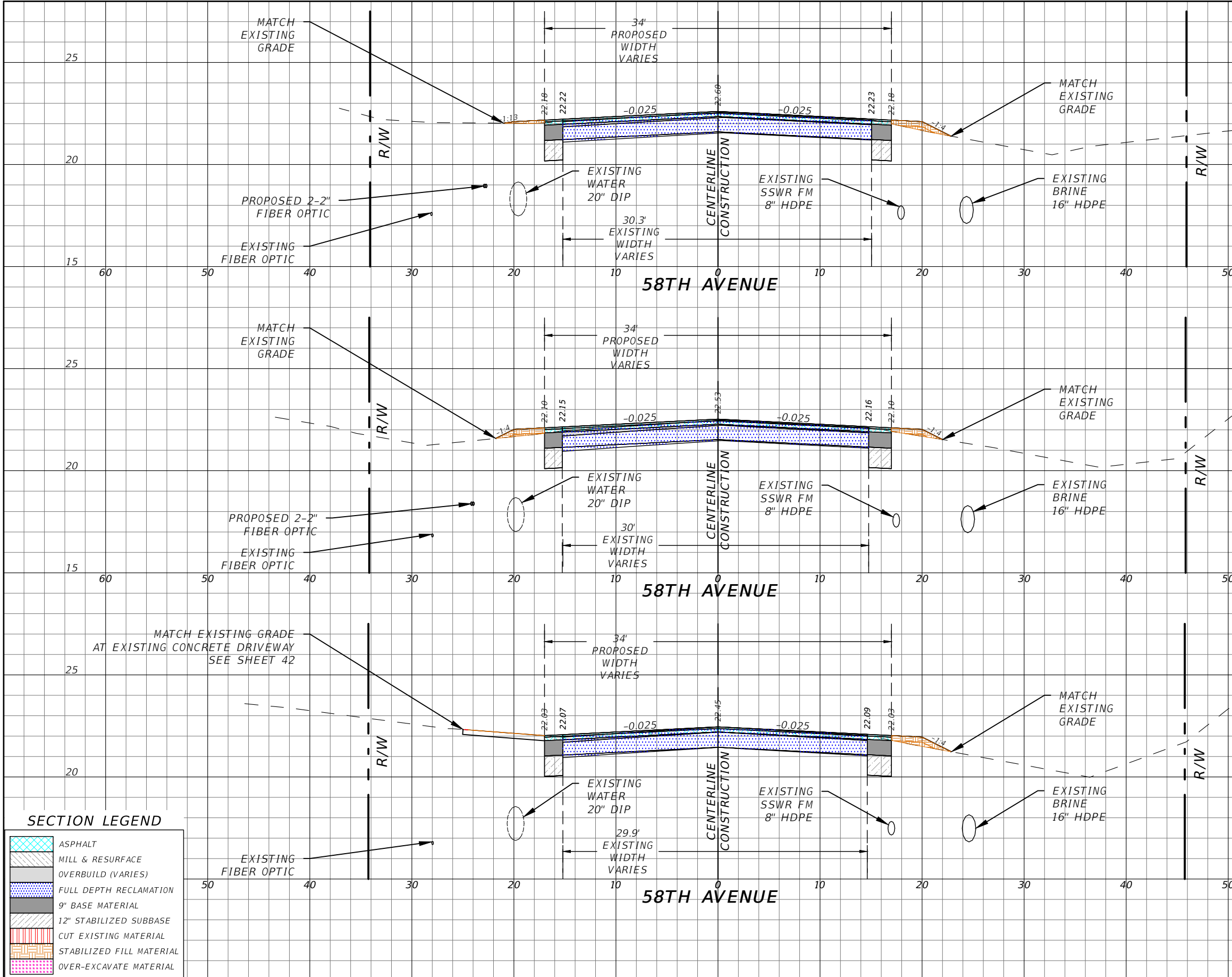
421+00.00

Material(s) at Station 420+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.65F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	3.15F
SubBase Material	4.05F
Cut Existing	0.05F
Fill Proposed	2.45F
Over Excavate	0.05F

420+00.00

Material(s) at Station 419+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.35F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.45F
Base Material	3.25F
SubBase Material	4.25F
Cut Existing	0.05F
Fill Proposed	1.85F
Over Excavate	0.05F

419+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

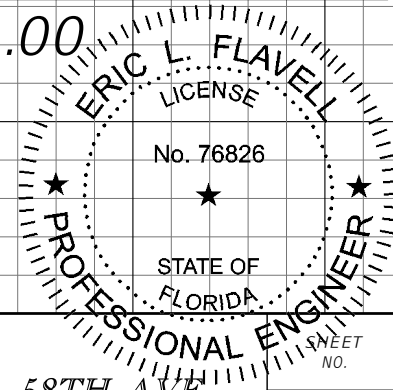
REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

104



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 423+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.25F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.35F
Base Material	3.35F
SubBase Material	4.35F
Cut Existing	0.05F
Fill Proposed	0.85F
Over Excavate	0.05F

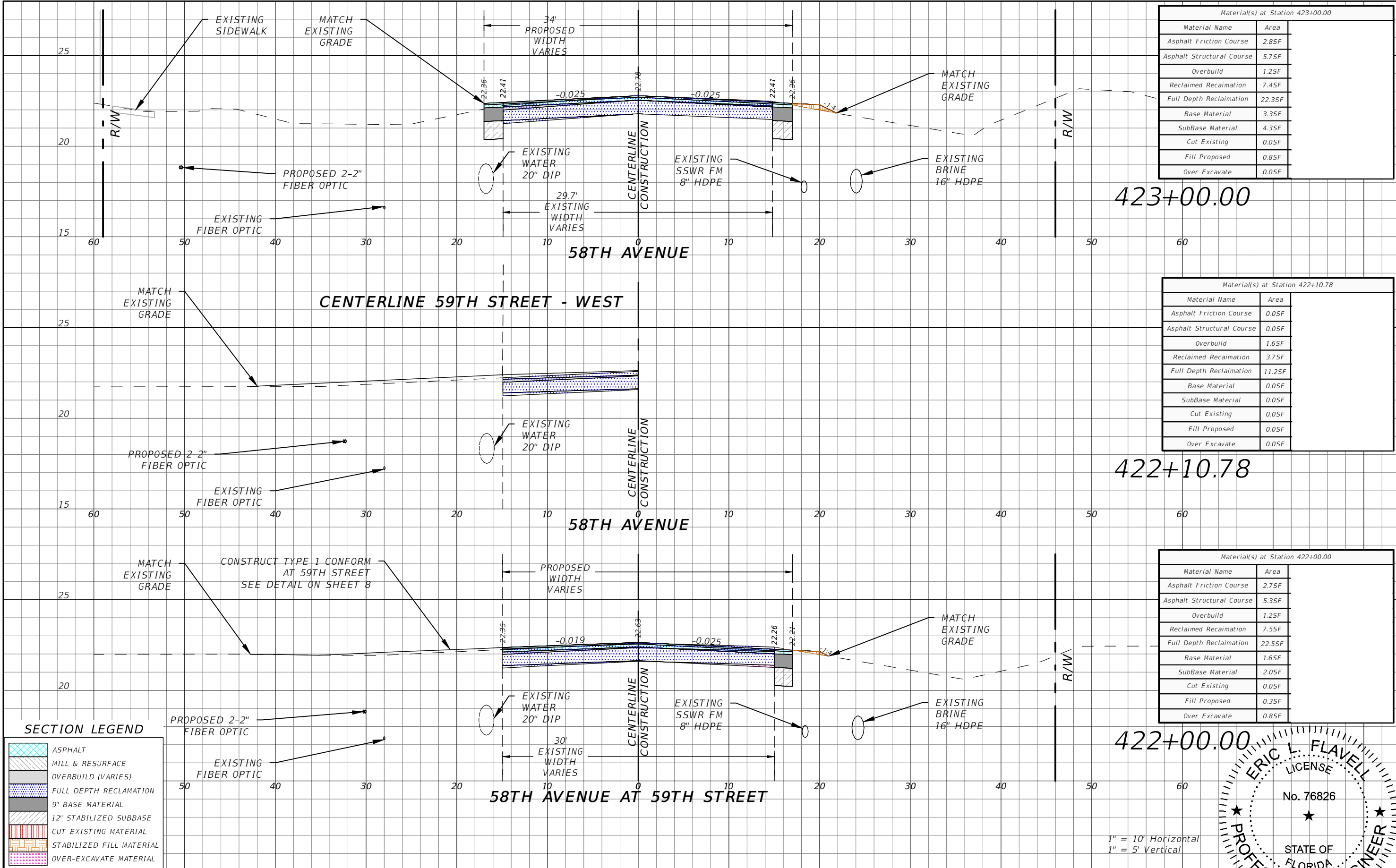
423+00.00

Material(s) at Station 422+10.78	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	1.65F
Reclaimed Reclamation	3.75F
Full Depth Reclamation	11.25F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

422+10.78

Material(s) at Station 422+00.00	
Material Name	Area
Asphalt Friction Course	2.75F
Asphalt Structural Course	5.35F
Overbuild	1.25F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	1.65F
SubBase Material	2.05F
Cut Existing	0.05F
Fill Proposed	0.35F
Over Excavate	0.85F

422+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

FOR BIDDING PURPOSES ONLY

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR-613	INDIAN RIVER	IRC: 1325
58th AVE		FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET NO. 105

Material(s) at Station 426+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.35F
Reclaimed Reclamation	7.65F
Full Depth Reclamation	22.75F
Base Material	2.95F
SubBase Material	3.85F
Cut Existing	0.05F
Fill Proposed	0.55F
Over Excavate	0.05F

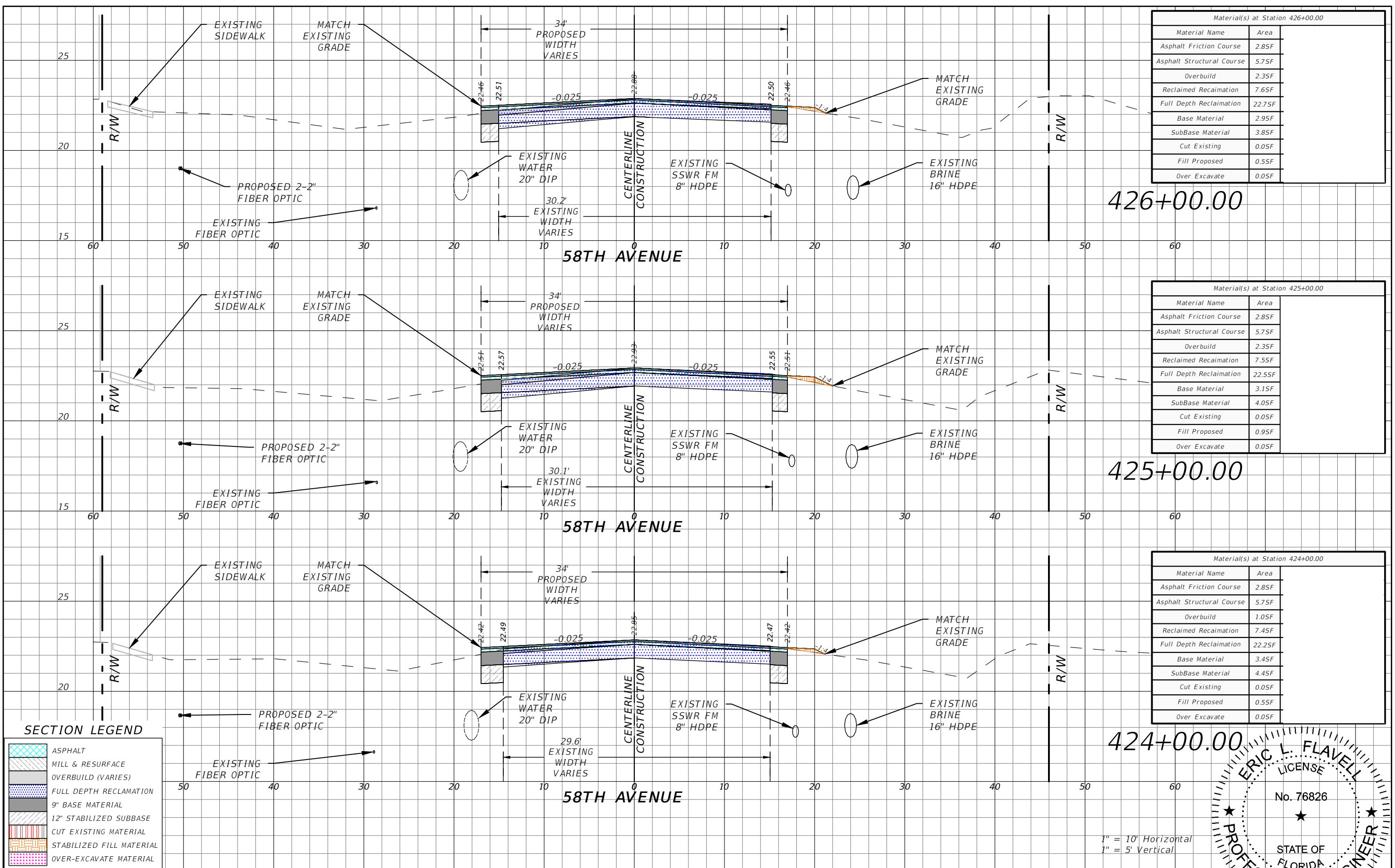
426+00.00

Material(s) at Station 425+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.35F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	3.15F
SubBase Material	4.05F
Cut Existing	0.05F
Fill Proposed	0.95F
Over Excavate	0.05F

425+00.00

Material(s) at Station 424+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.05F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.25F
Base Material	3.45F
SubBase Material	4.45F
Cut Existing	0.05F
Fill Proposed	0.55F
Over Excavate	0.05F

424+00.00



SECTION LEGEND

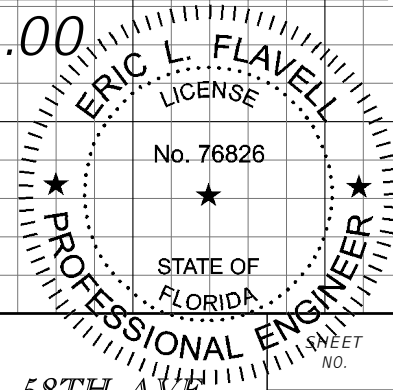
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 106



FOR BIDDING PURPOSES ONLY

Material(s) at Station 429+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.95F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.45F
Base Material	3.25F
SubBase Material	4.15F
Cut Existing	0.05F
Fill Proposed	1.35F
Over Excavate	0.05F

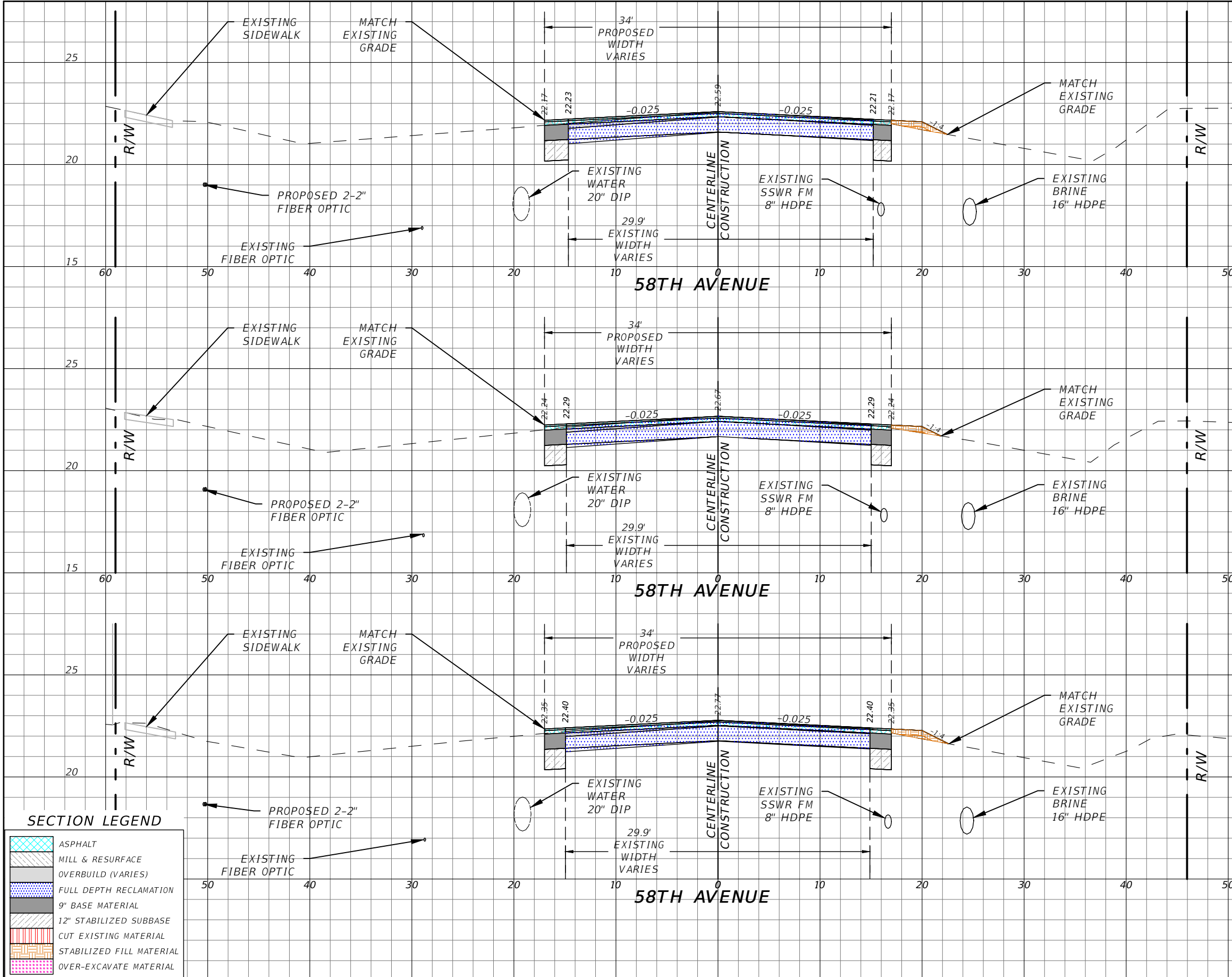
429+00.00

Material(s) at Station 428+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.55F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.45F
Base Material	3.25F
SubBase Material	4.15F
Cut Existing	0.05F
Fill Proposed	1.05F
Over Excavate	0.05F

428+00.00

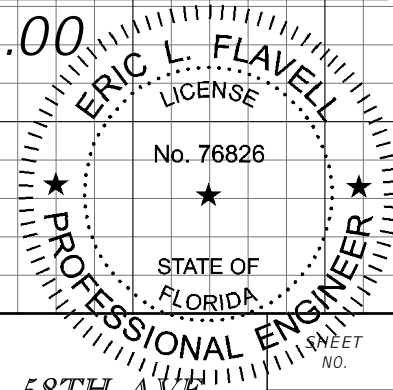
Material(s) at Station 427+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.05F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.45F
Base Material	3.25F
SubBase Material	4.25F
Cut Existing	0.05F
Fill Proposed	1.55F
Over Excavate	0.05F

427+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO. 107

FOR BIDDING PURPOSES ONLY

Material(s) at Station 432+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.75F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.65F
Base Material	3.05F
SubBase Material	3.95F
Cut Existing	0.05F
Fill Proposed	2.05F
Over Excavate	0.05F

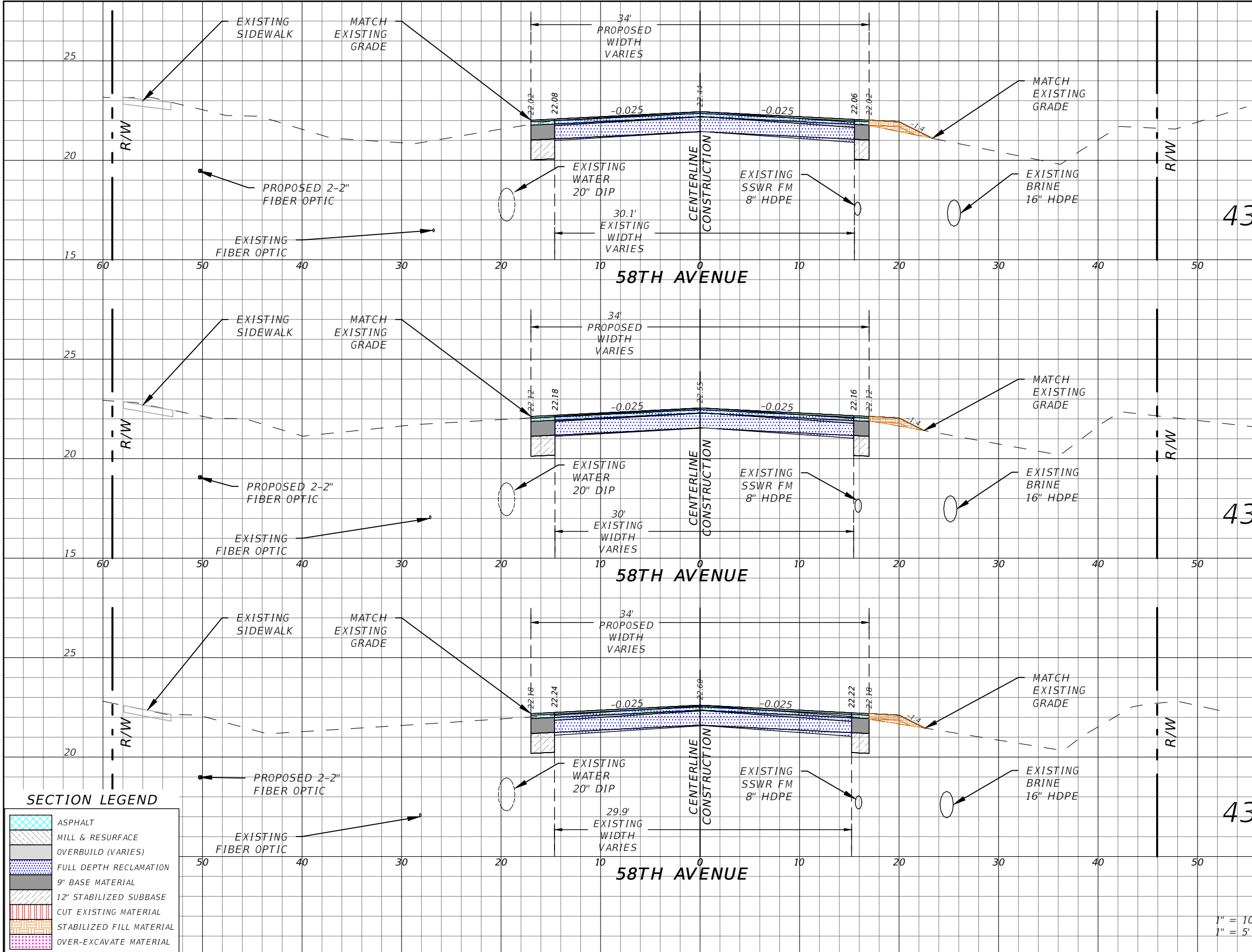
432+00.00

Material(s) at Station 431+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.55F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	3.15F
SubBase Material	4.05F
Cut Existing	0.05F
Fill Proposed	1.45F
Over Excavate	0.05F

431+00.00

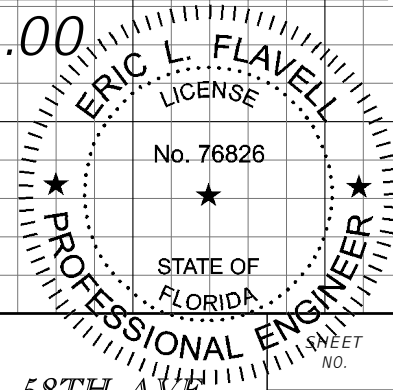
Material(s) at Station 430+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.85F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.45F
Base Material	3.25F
SubBase Material	4.15F
Cut Existing	0.05F
Fill Proposed	1.75F
Over Excavate	0.05F

430+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO.
108

FOR BIDDING PURPOSES ONLY

Material(s) at Station 435+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.15F
Reclaimed Reclamation	7.75F
Full Depth Reclamation	23.15F
Base Material	2.55F
SubBase Material	3.15F
Cut Existing	0.05F
Fill Proposed	2.85F
Over Excavate	0.05F

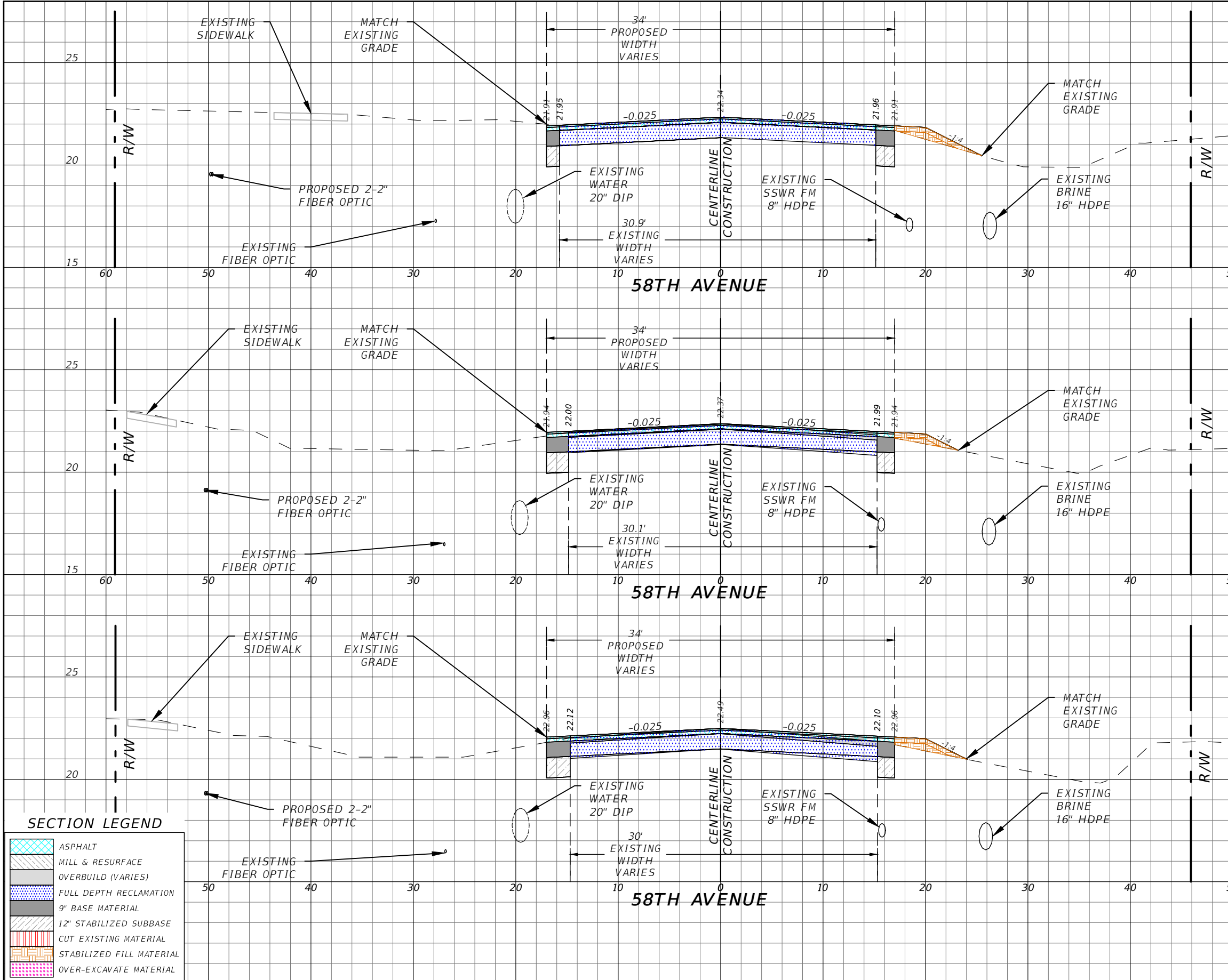
435+00.00

Material(s) at Station 434+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.95F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.65F
Base Material	3.05F
SubBase Material	3.95F
Cut Existing	0.05F
Fill Proposed	1.95F
Over Excavate	0.05F

434+00.00

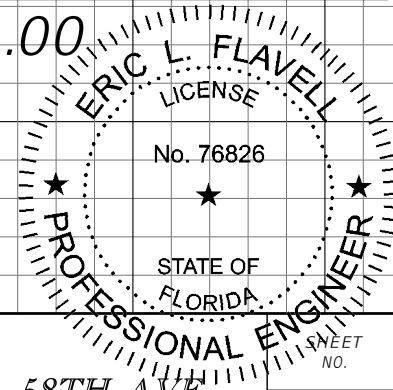
Material(s) at Station 433+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.75F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	3.15F
SubBase Material	4.05F
Cut Existing	0.05F
Fill Proposed	2.75F
Over Excavate	0.05F

433+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO.
109

FOR BIDDING PURPOSES ONLY

Material(s) at Station 436+00.00	
Material Name	Area
Asphalt Friction Course	2.65F
Asphalt Structural Course	5.25F
Overbuild	1.85F
Reclaimed Reclamation	7.95F
Full Depth Reclamation	23.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

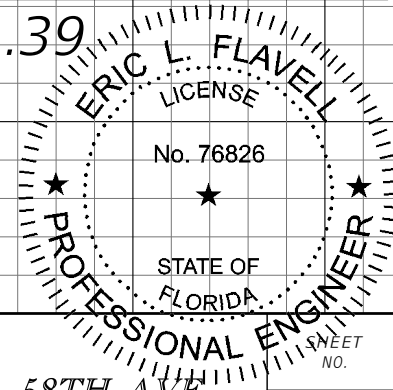
436+00.00

Material(s) at Station 435+91.84	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	0.15F
Reclaimed Reclamation	3.95F
Full Depth Reclamation	11.85F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

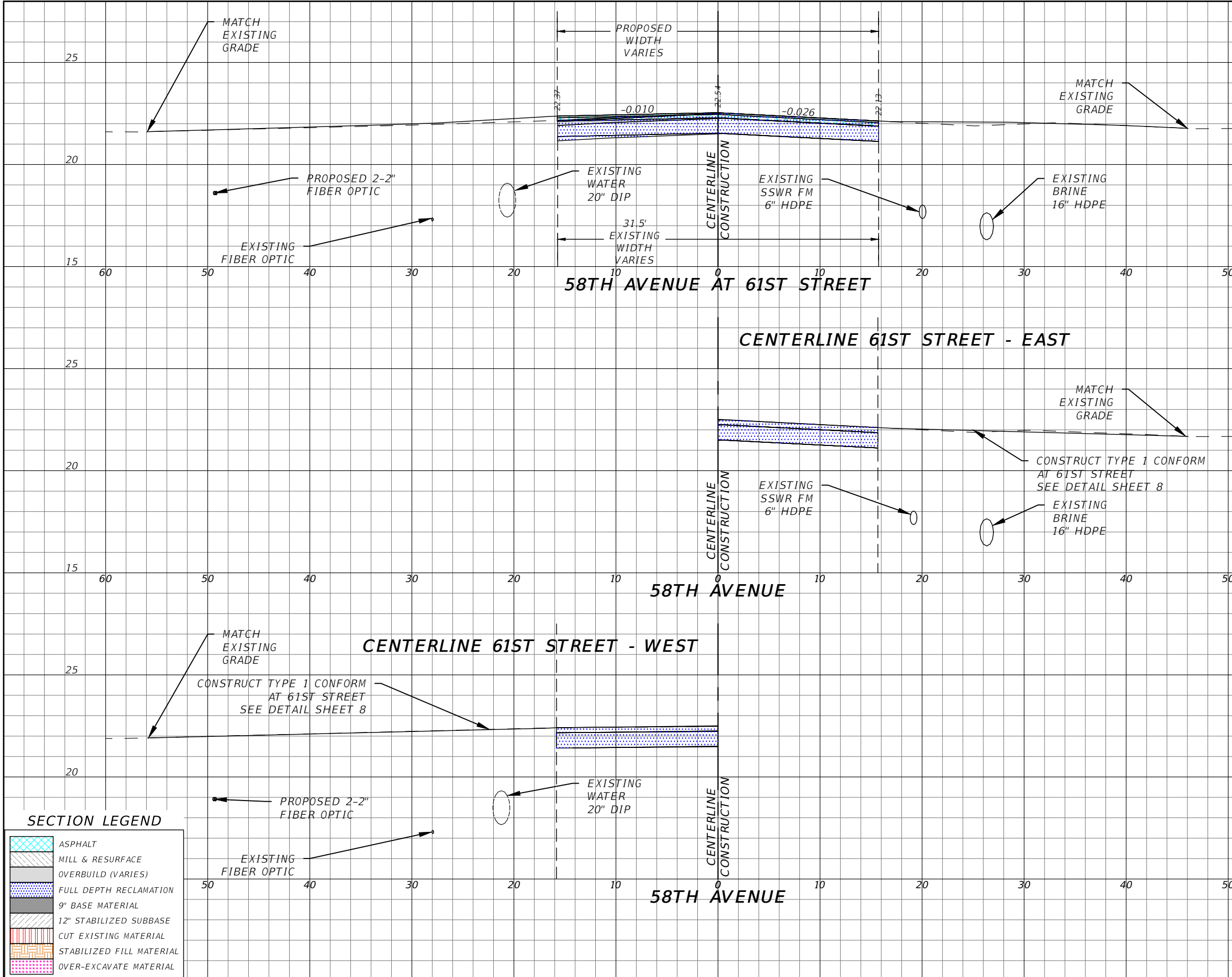
435+91.84

Material(s) at Station 435+84.39	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	0.25F
Reclaimed Reclamation	4.05F
Full Depth Reclamation	11.95F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

435+84.39



1" = 10' Horizontal
1" = 5' Vertical



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 110

FOR BIDDING PURPOSES ONLY

Material(s) at Station 439+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.35F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.65F
Base Material	3.05F
SubBase Material	9.85F
Cut Existing	0.05F
Fill Proposed	12.55F
Over Excavate	0.05F

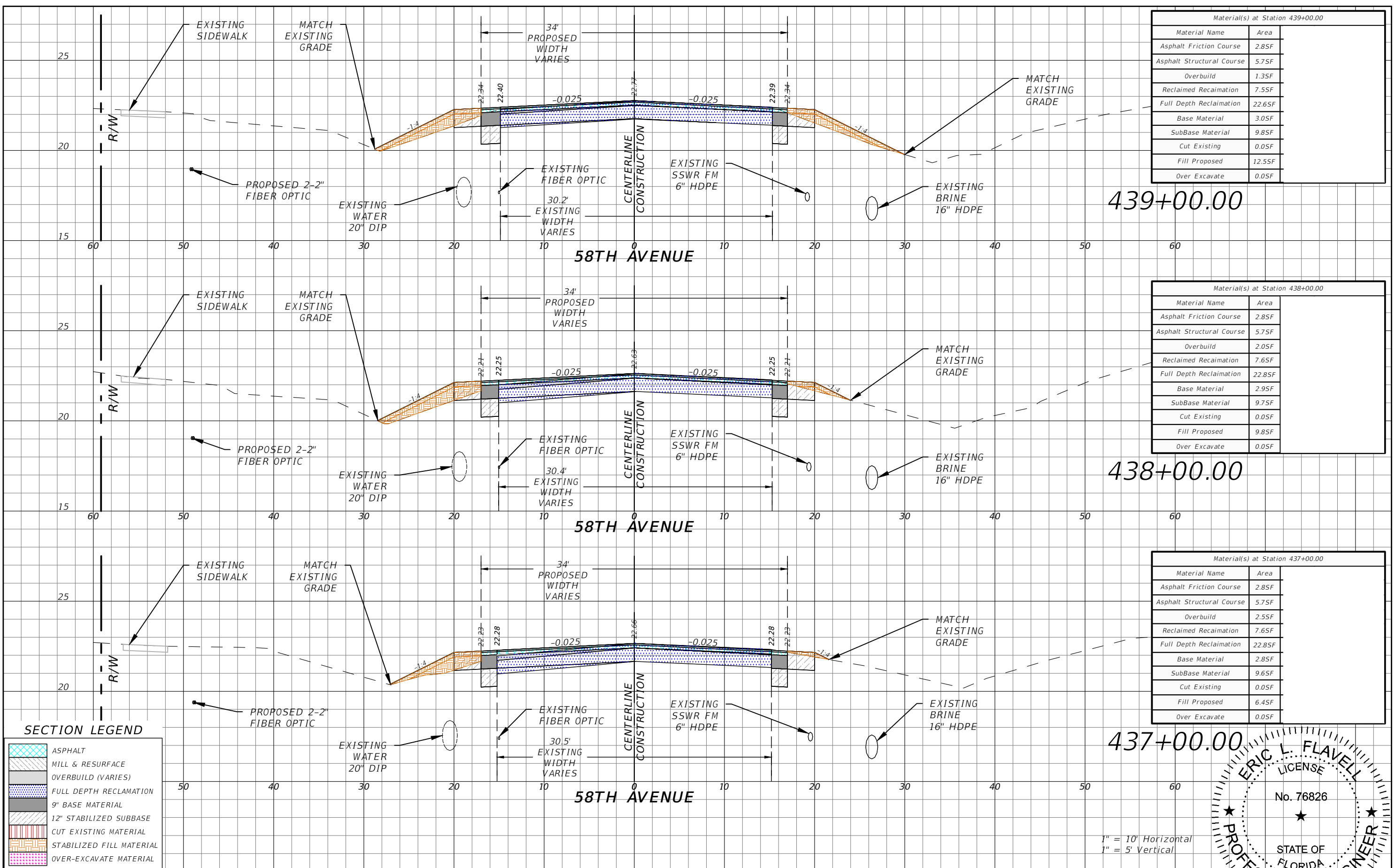
439+00.00

Material(s) at Station 438+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.05F
Reclaimed Reclamation	7.65F
Full Depth Reclamation	22.85F
Base Material	2.95F
SubBase Material	9.75F
Cut Existing	0.05F
Fill Proposed	9.85F
Over Excavate	0.05F

438+00.00

Material(s) at Station 437+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.55F
Reclaimed Reclamation	7.65F
Full Depth Reclamation	22.85F
Base Material	2.85F
SubBase Material	9.65F
Cut Existing	0.05F
Fill Proposed	6.45F
Over Excavate	0.05F

437+00.00



SECTION LEGEND

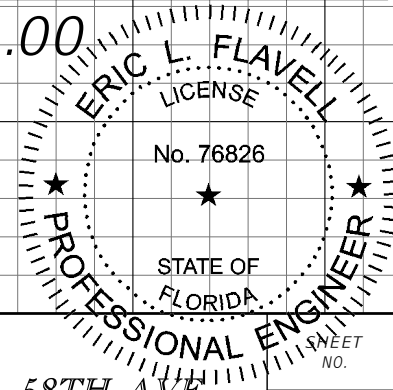
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION

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ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 111



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 442+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.05F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	3.15F
SubBase Material	10.05F
Cut Existing	0.05F
Fill Proposed	9.45F
Over Excavate	0.05F

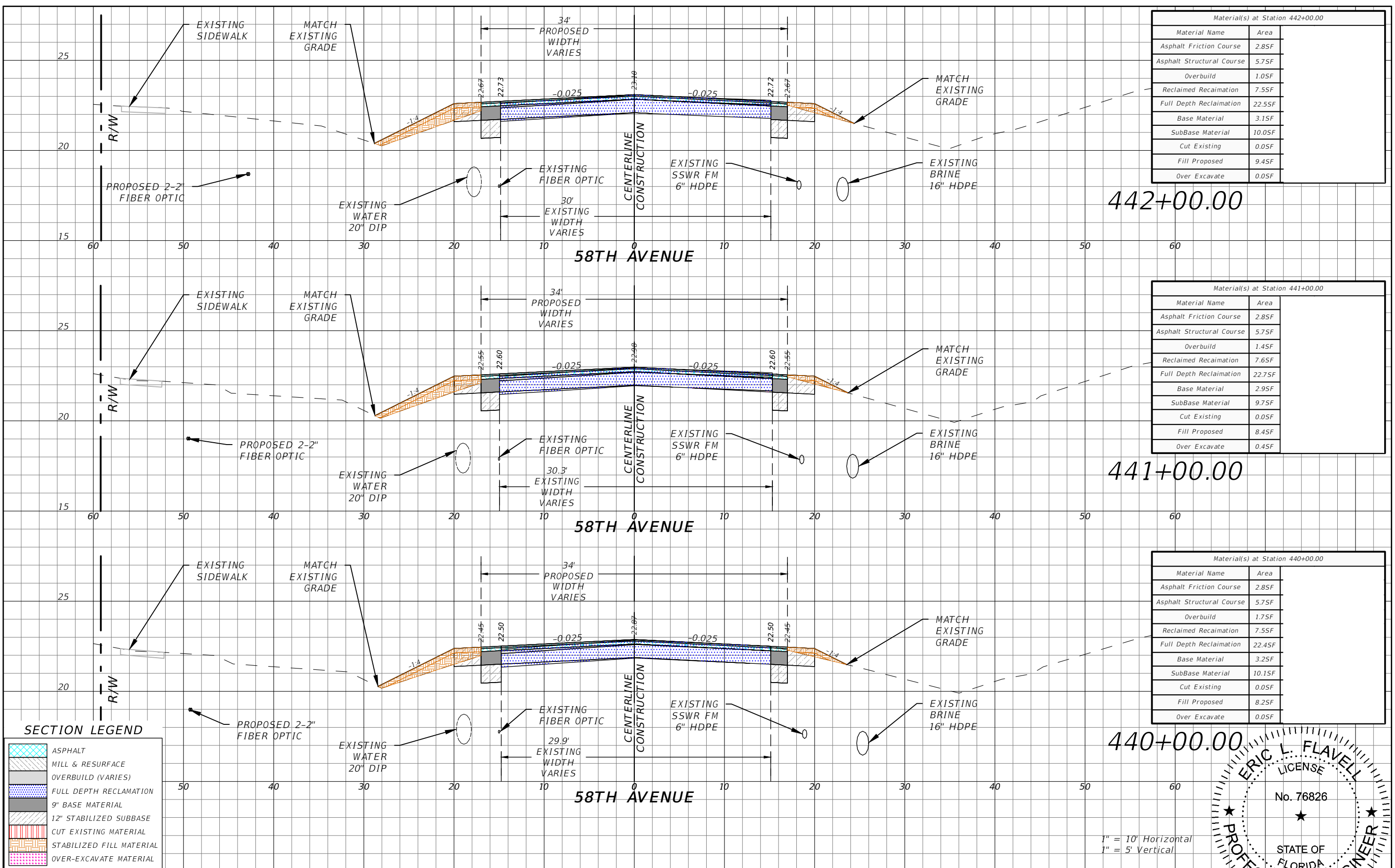
442+00.00

Material(s) at Station 441+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.45F
Reclaimed Reclamation	7.65F
Full Depth Reclamation	22.75F
Base Material	2.95F
SubBase Material	9.75F
Cut Existing	0.05F
Fill Proposed	8.45F
Over Excavate	0.45F

441+00.00

Material(s) at Station 440+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.75F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.45F
Base Material	3.25F
SubBase Material	10.15F
Cut Existing	0.05F
Fill Proposed	8.25F
Over Excavate	0.05F

440+00.00



SECTION LEGEND

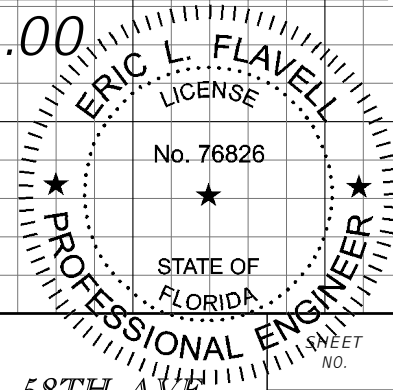
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 112



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 445+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.65F
Reclaimed Reclamation	7.65F
Full Depth Reclamation	22.75F
Base Material	2.95F
SubBase Material	9.75F
Cut Existing	0.05F
Fill Proposed	8.65F
Over Excavate	0.05F

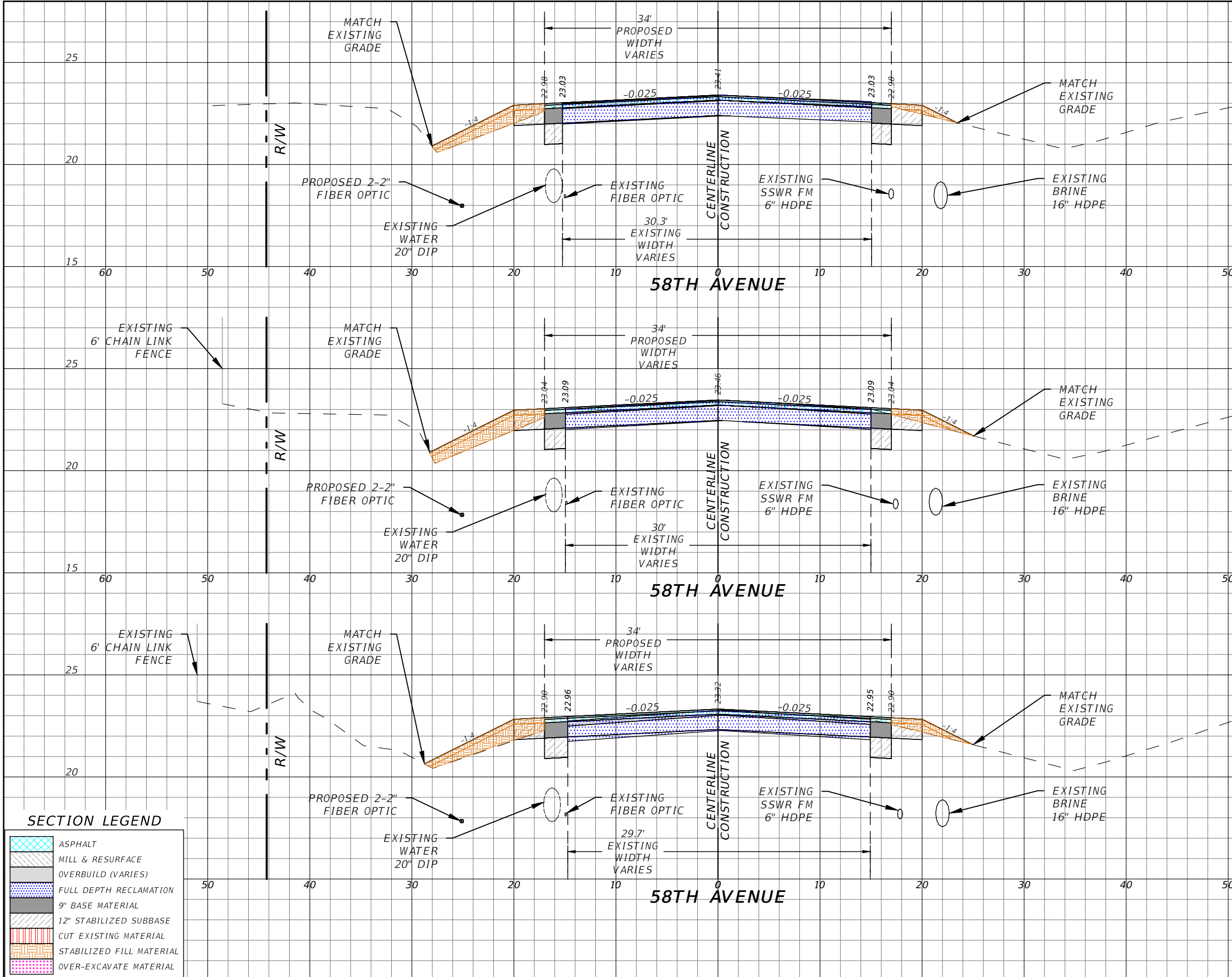
445+00.00

Material(s) at Station 444+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.15F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	3.15F
SubBase Material	10.15F
Cut Existing	0.05F
Fill Proposed	11.65F
Over Excavate	0.05F

444+00.00

Material(s) at Station 443+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	3.35F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.25F
Base Material	3.45F
SubBase Material	10.45F
Cut Existing	0.05F
Fill Proposed	11.25F
Over Excavate	0.05F

443+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

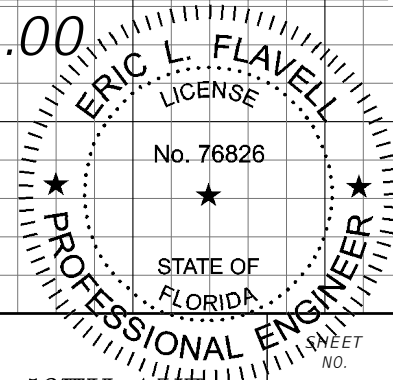
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE



FOR BIDDING PURPOSES ONLY

Material(s) at Station 447+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.55F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.65F
Base Material	3.05F
SubBase Material	9.95F
Cut Existing	0.05F
Fill Proposed	3.55F
Over Excavate	0.05F

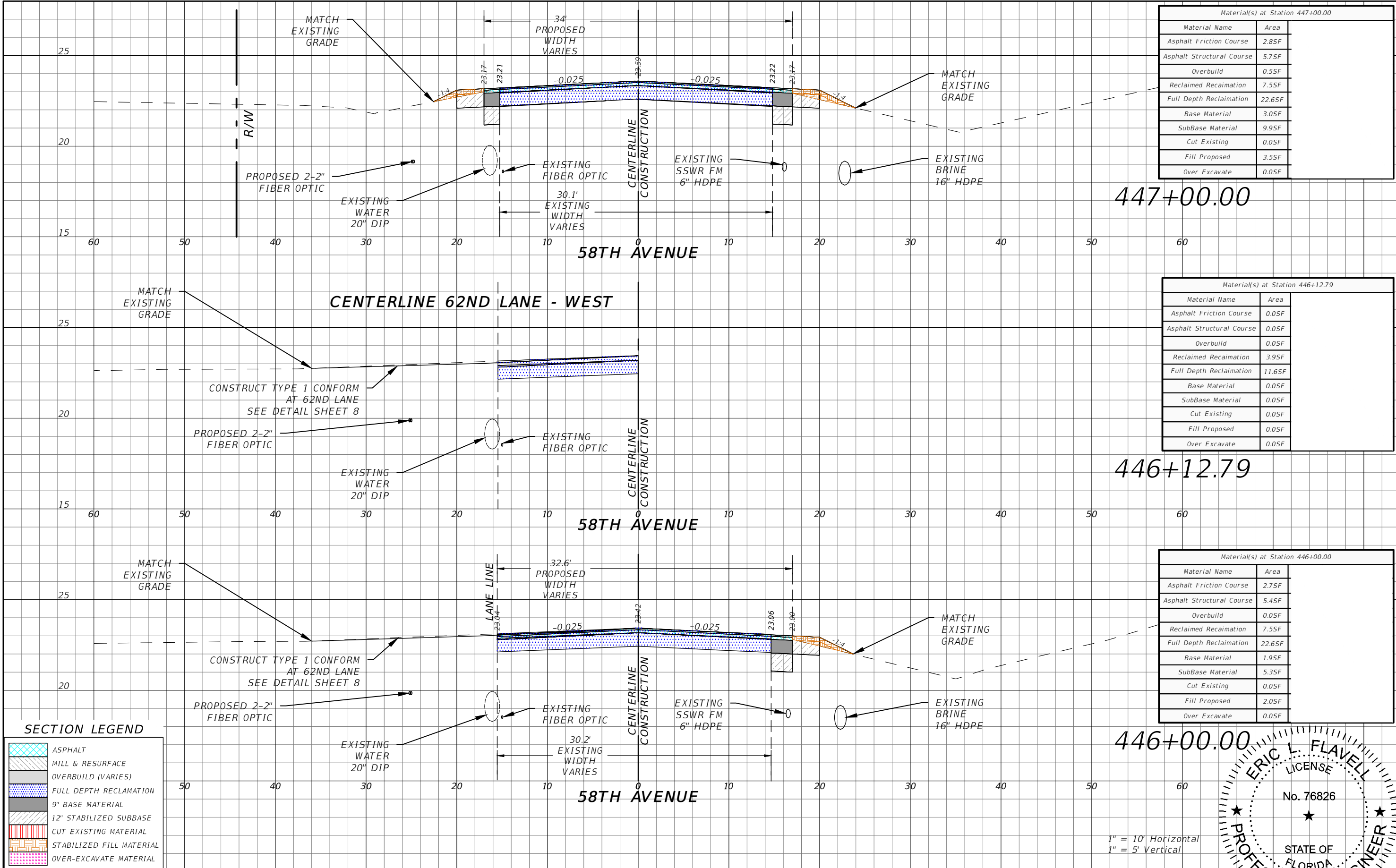
447+00.00

Material(s) at Station 446+12.79	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	0.05F
Reclaimed Reclamation	3.95F
Full Depth Reclamation	11.65F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

446+12.79

Material(s) at Station 446+00.00	
Material Name	Area
Asphalt Friction Course	2.75F
Asphalt Structural Course	5.45F
Overbuild	0.05F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.65F
Base Material	1.95F
SubBase Material	5.35F
Cut Existing	0.05F
Fill Proposed	2.05F
Over Excavate	0.05F

446+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9\"/>
	12\"/>
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

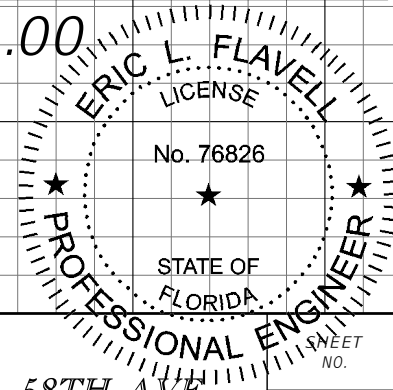
DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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4450 W. EAU GALLIE BLVD.
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

114



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 450+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.85F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.35F
Base Material	3.35F
SubBase Material	10.25F
Cut Existing	0.05F
Fill Proposed	0.95F
Over Excavate	0.05F

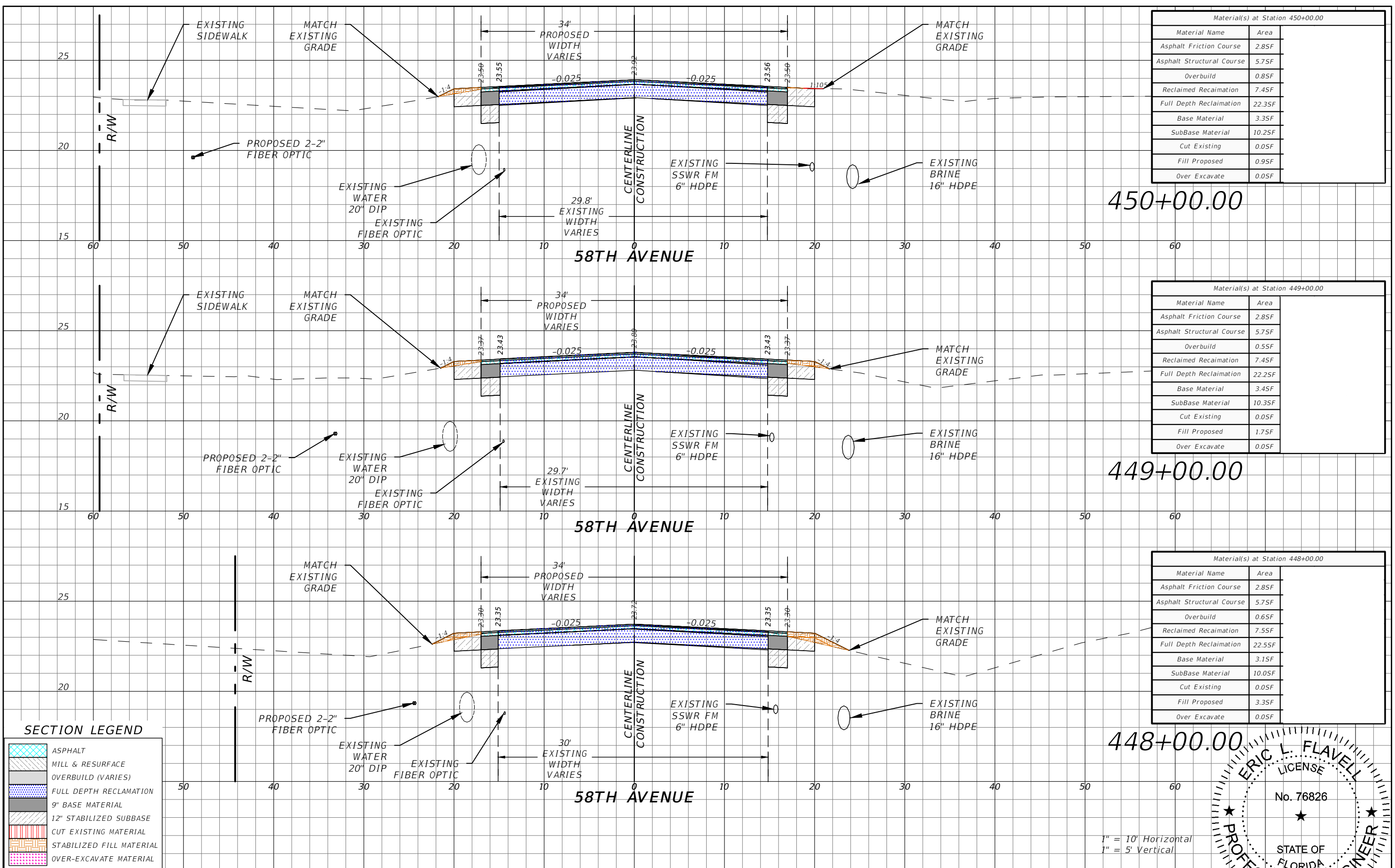
450+00.00

Material(s) at Station 449+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.55F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.25F
Base Material	3.45F
SubBase Material	10.35F
Cut Existing	0.05F
Fill Proposed	1.75F
Over Excavate	0.05F

449+00.00

Material(s) at Station 448+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.65F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	3.15F
SubBase Material	10.05F
Cut Existing	0.05F
Fill Proposed	3.35F
Over Excavate	0.05F

448+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET NO. 115

FOR BIDDING PURPOSES ONLY

Material(s) at Station 453+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.95F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.35F
Base Material	3.35F
SubBase Material	10.35F
Cut Existing	0.05F
Fill Proposed	4.65F
Over Excavate	0.05F

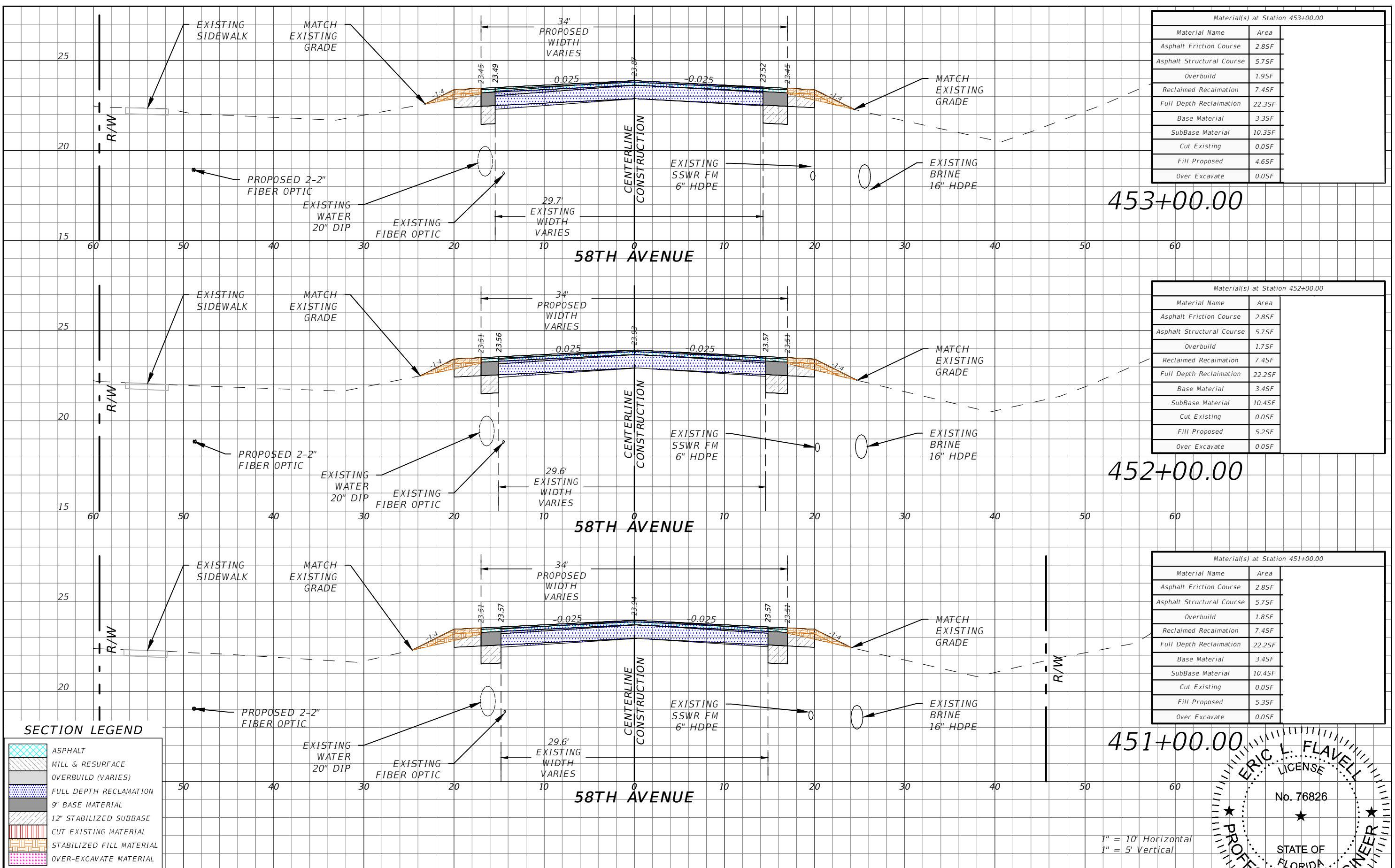
453+00.00

Material(s) at Station 452+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.75F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.25F
Base Material	3.45F
SubBase Material	10.45F
Cut Existing	0.05F
Fill Proposed	5.25F
Over Excavate	0.05F

452+00.00

Material(s) at Station 451+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.85F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.25F
Base Material	3.45F
SubBase Material	10.45F
Cut Existing	0.05F
Fill Proposed	5.35F
Over Excavate	0.05F

451+00.00



SECTION LEGEND

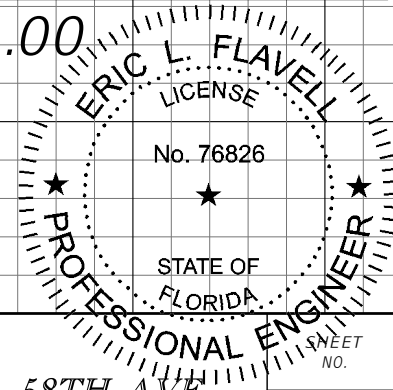
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 116



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 456+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	2.05F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.55F
Base Material	3.15F
SubBase Material	10.05F
Cut Existing	0.05F
Fill Proposed	4.15F
Over Excavate	0.05F

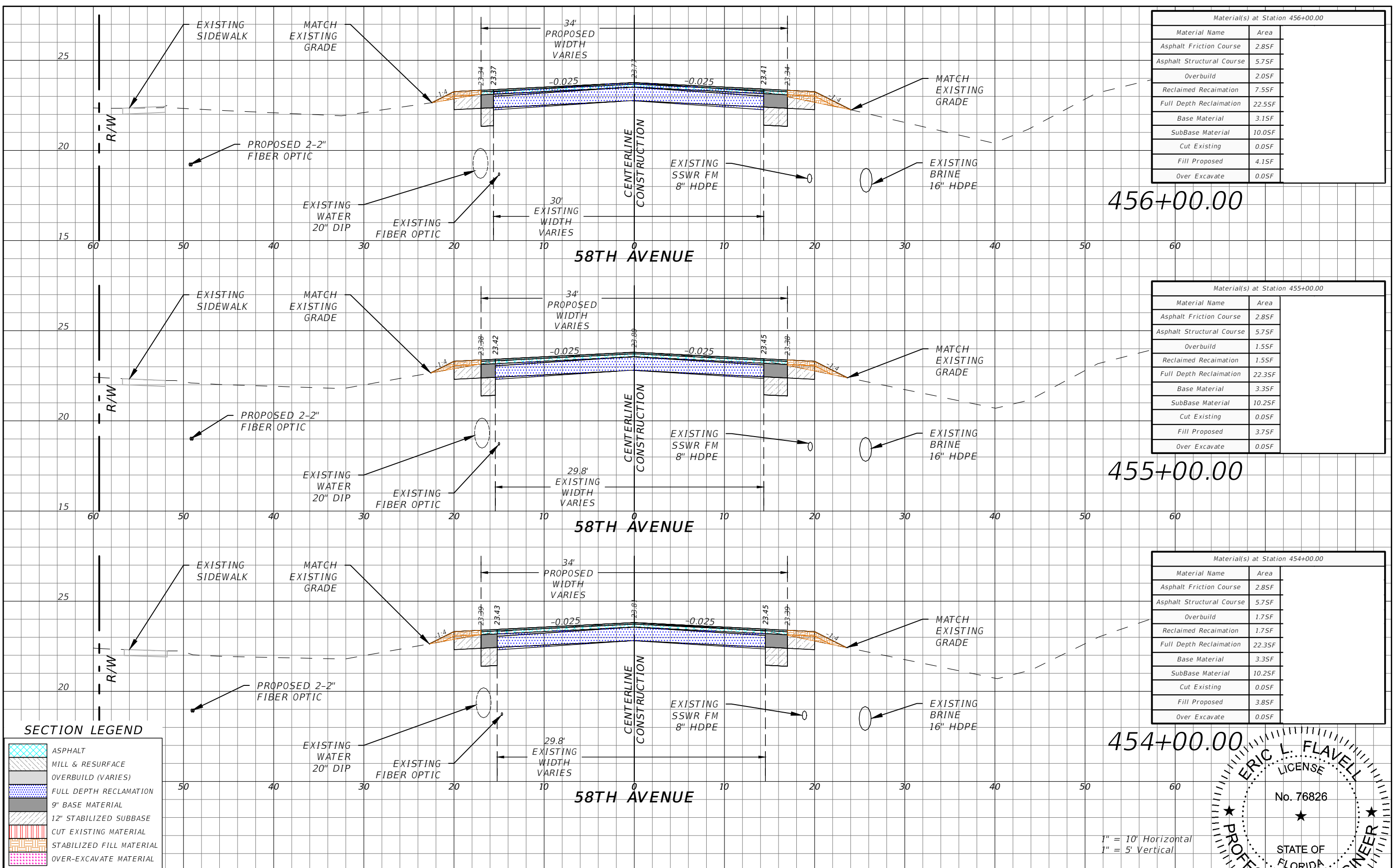
456+00.00

Material(s) at Station 455+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.55F
Reclaimed Reclamation	1.55F
Full Depth Reclamation	22.35F
Base Material	3.35F
SubBase Material	10.25F
Cut Existing	0.05F
Fill Proposed	3.75F
Over Excavate	0.05F

455+00.00

Material(s) at Station 454+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.75F
Reclaimed Reclamation	1.75F
Full Depth Reclamation	22.35F
Base Material	3.35F
SubBase Material	10.25F
Cut Existing	0.05F
Fill Proposed	3.85F
Over Excavate	0.05F

454+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

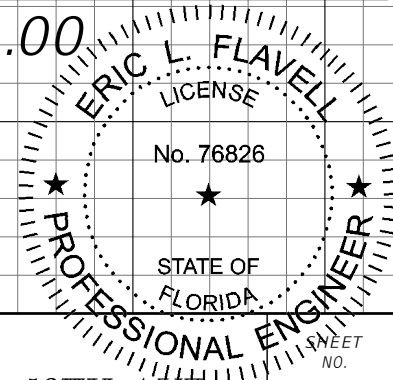
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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MELBOURNE, FL 32934
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE



FOR BIDDING PURPOSES ONLY

Material(s) at Station 459+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.25F
Reclaimed Reclamation	7.25F
Full Depth Reclamation	21.75F
Base Material	3.95F
SubBase Material	11.15F
Cut Existing	0.05F
Fill Proposed	2.35F
Over Excavate	0.75F

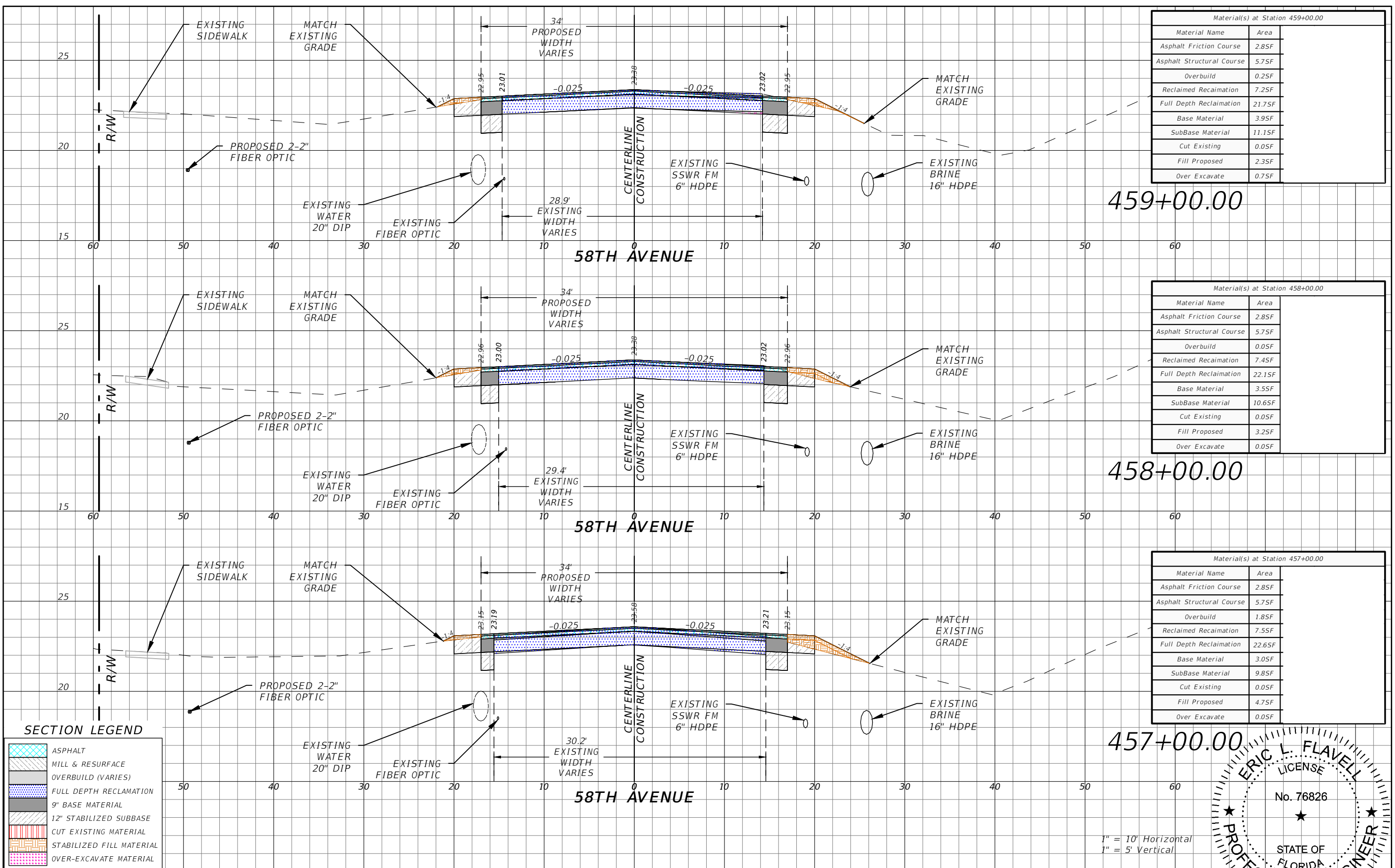
459+00.00

Material(s) at Station 458+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.05F
Reclaimed Reclamation	7.45F
Full Depth Reclamation	22.15F
Base Material	3.55F
SubBase Material	10.65F
Cut Existing	0.05F
Fill Proposed	3.25F
Over Excavate	0.05F

458+00.00

Material(s) at Station 457+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.85F
Reclaimed Reclamation	7.55F
Full Depth Reclamation	22.65F
Base Material	3.05F
SubBase Material	9.85F
Cut Existing	0.05F
Fill Proposed	4.75F
Over Excavate	0.05F

457+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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ROAD NO. COUNTY FINANCIAL PROJECT ID
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58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET NO. 118

FOR BIDDING PURPOSES ONLY

Material(s) at Station 462+00.00	
Material Name	Area
Asphalt Friction Course	2.35F
Asphalt Structural Course	4.75F
Overbuild	2.65F
Reclaimed Reclamation	7.05F
Full Depth Reclamation	21.15F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	6.75F
Fill Proposed	0.05F
Over Excavate	0.05F

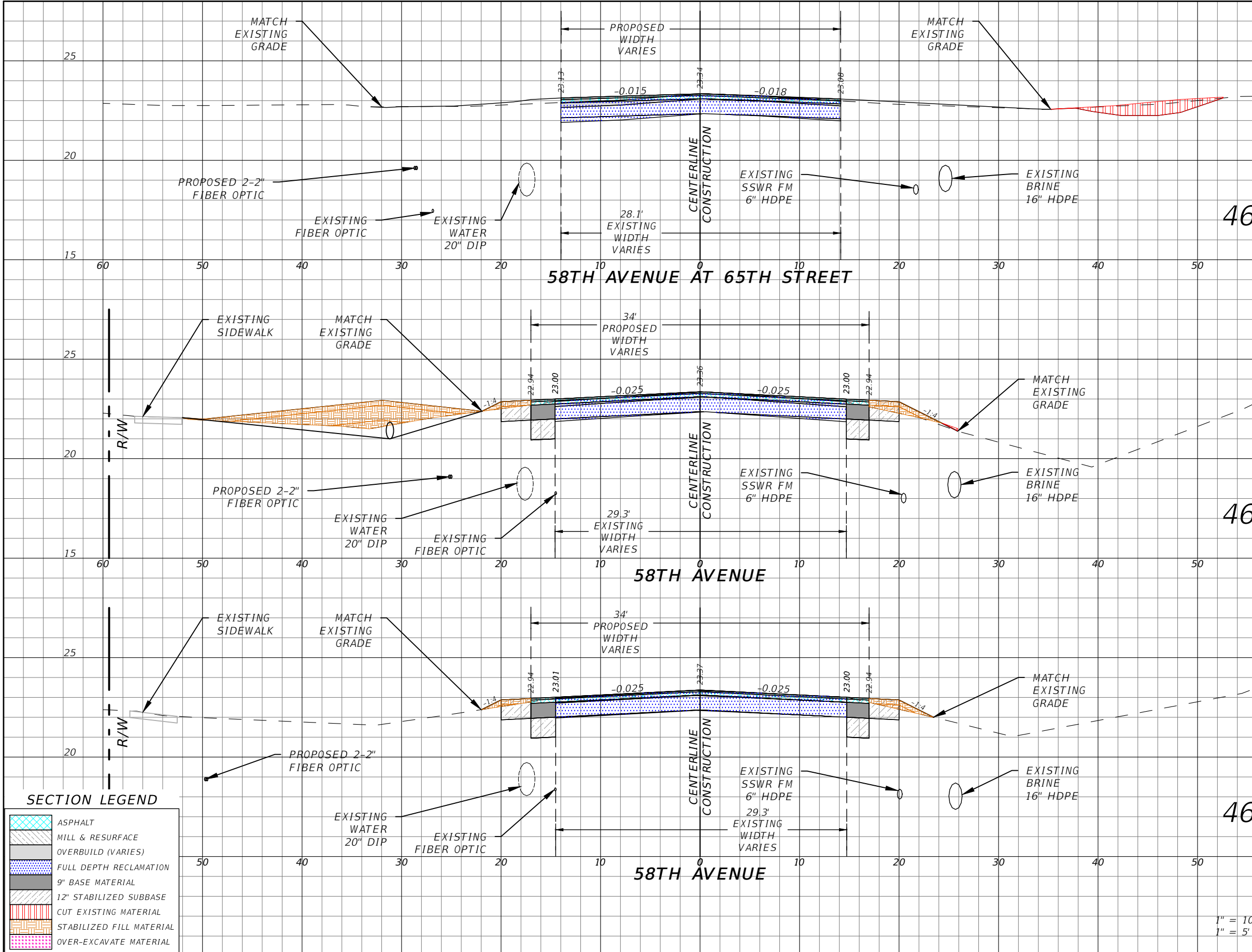
462+00.00

Material(s) at Station 461+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.95F
Reclaimed Reclamation	7.35F
Full Depth Reclamation	22.05F
Base Material	3.65F
SubBase Material	10.75F
Cut Existing	0.15F
Fill Proposed	23.35F
Over Excavate	0.05F

461+00.00

Material(s) at Station 460+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.75F
Reclaimed Reclamation	7.35F
Full Depth Reclamation	21.95F
Base Material	3.75F
SubBase Material	10.75F
Cut Existing	0.05F
Fill Proposed	2.95F
Over Excavate	0.05F

460+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

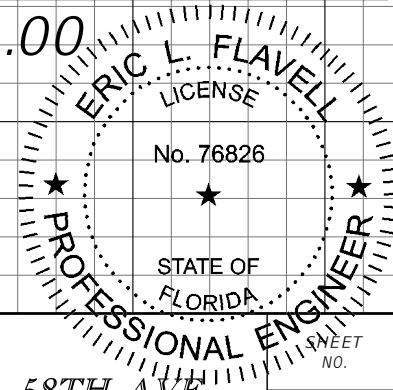
DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

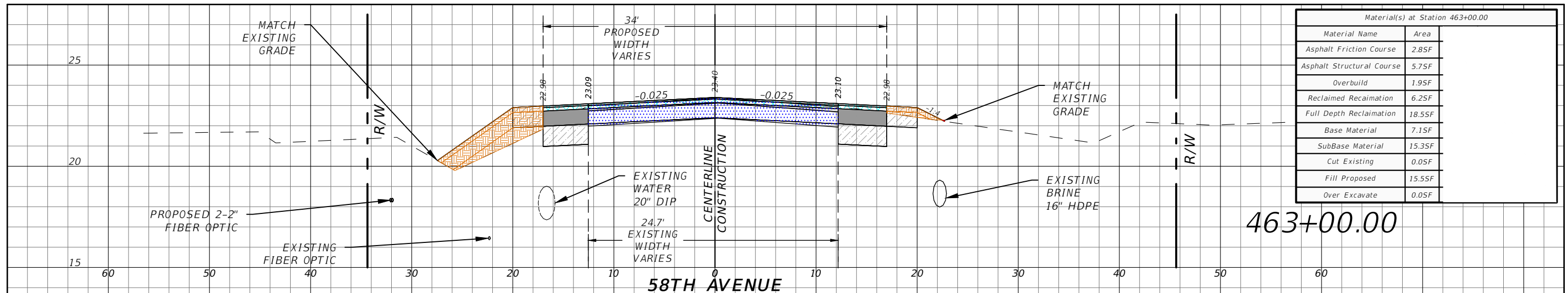
CROSS SECTIONS - 58TH AVE

119

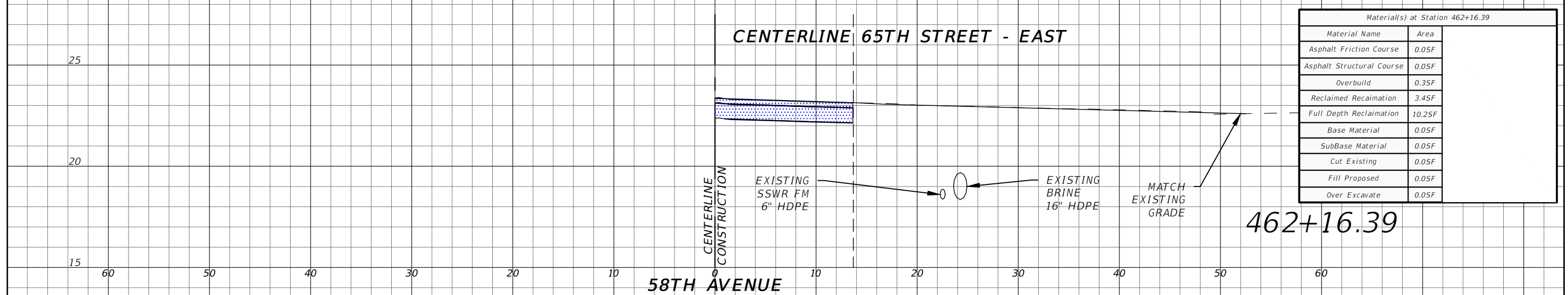


1" = 10' Horizontal
1" = 5' Vertical

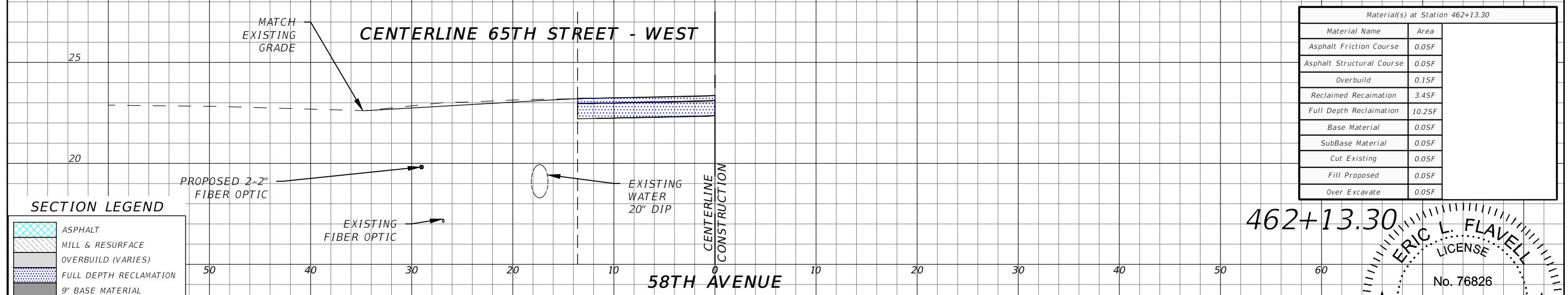
FOR BIDDING PURPOSES ONLY



Material(s) at Station 463+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.95F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.55F
Base Material	7.15F
SubBase Material	15.35F
Cut Existing	0.05F
Fill Proposed	15.55F
Over Excavate	0.05F



Material(s) at Station 462+16.39	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	0.35F
Reclaimed Reclamation	3.45F
Full Depth Reclamation	10.25F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F



Material(s) at Station 462+13.30	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	0.15F
Reclaimed Reclamation	3.45F
Full Depth Reclamation	10.25F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

SECTION LEGEND

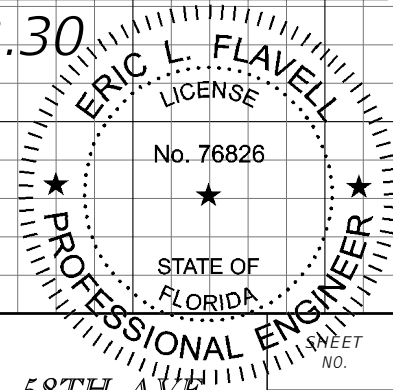
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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 CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
 DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR-613 INDIAN RIVER IRC: 1325
 58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
 SHEET NO. 120



1" = 10' Horizontal
 1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 466+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.75F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.55F
Base Material	7.15F
SubBase Material	15.45F
Cut Existing	0.05F
Fill Proposed	7.25F
Over Excavate	0.05F

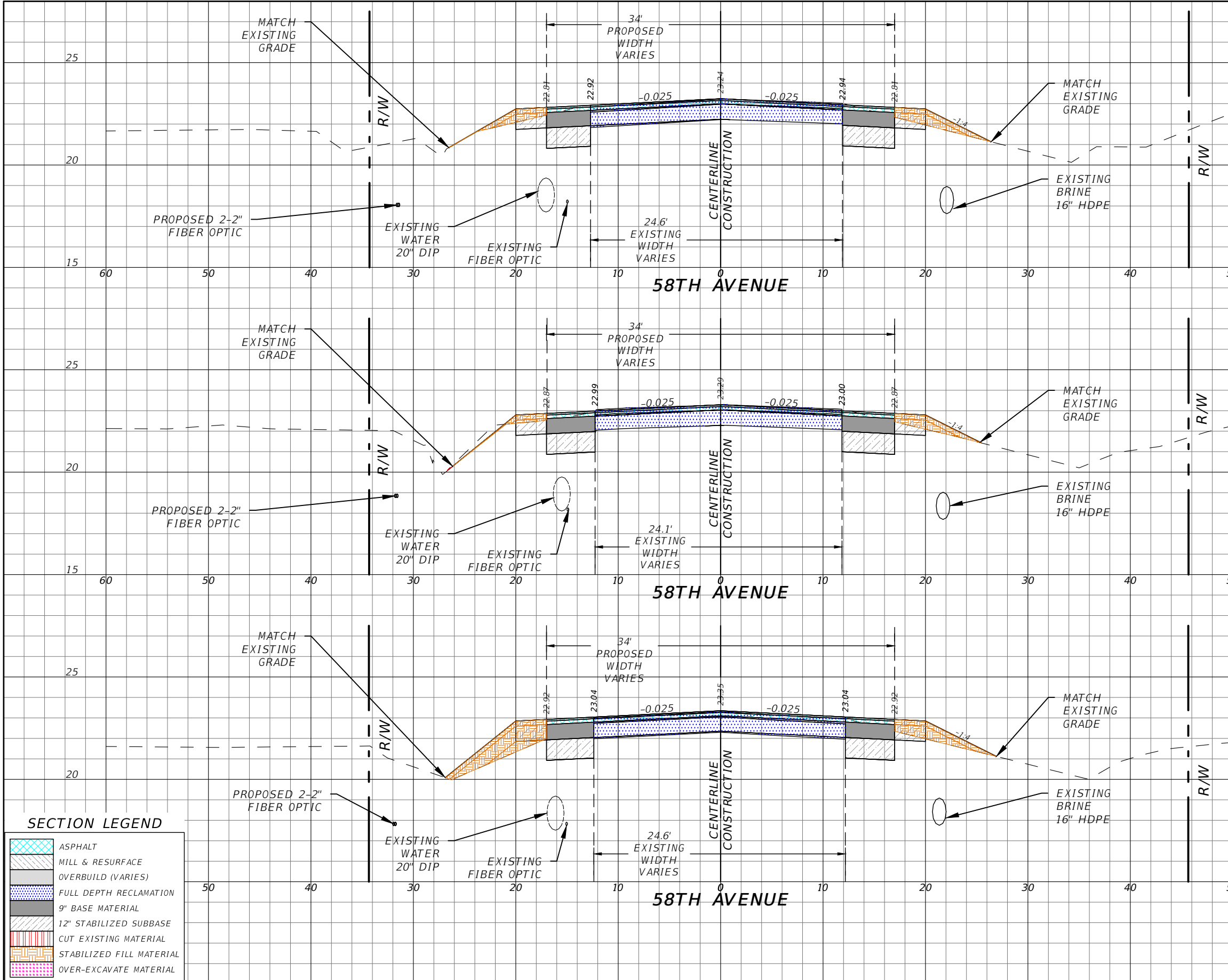
466+00.00

Material(s) at Station 465+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.05F
Reclaimed Reclamation	6.05F
Full Depth Reclamation	18.15F
Base Material	7.55F
SubBase Material	15.95F
Cut Existing	0.05F
Fill Proposed	5.05F
Over Excavate	0.05F

465+00.00

Material(s) at Station 464+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.55F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.45F
Base Material	7.25F
SubBase Material	15.55F
Cut Existing	0.05F
Fill Proposed	14.95F
Over Excavate	0.05F

464+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET NO. 121

FOR BIDDING PURPOSES ONLY

Material(s) at Station 469+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.05F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.45F
Base Material	7.25F
SubBase Material	15.55F
Cut Existing	2.95F
Fill Proposed	4.95F
Over Excavate	1.15F

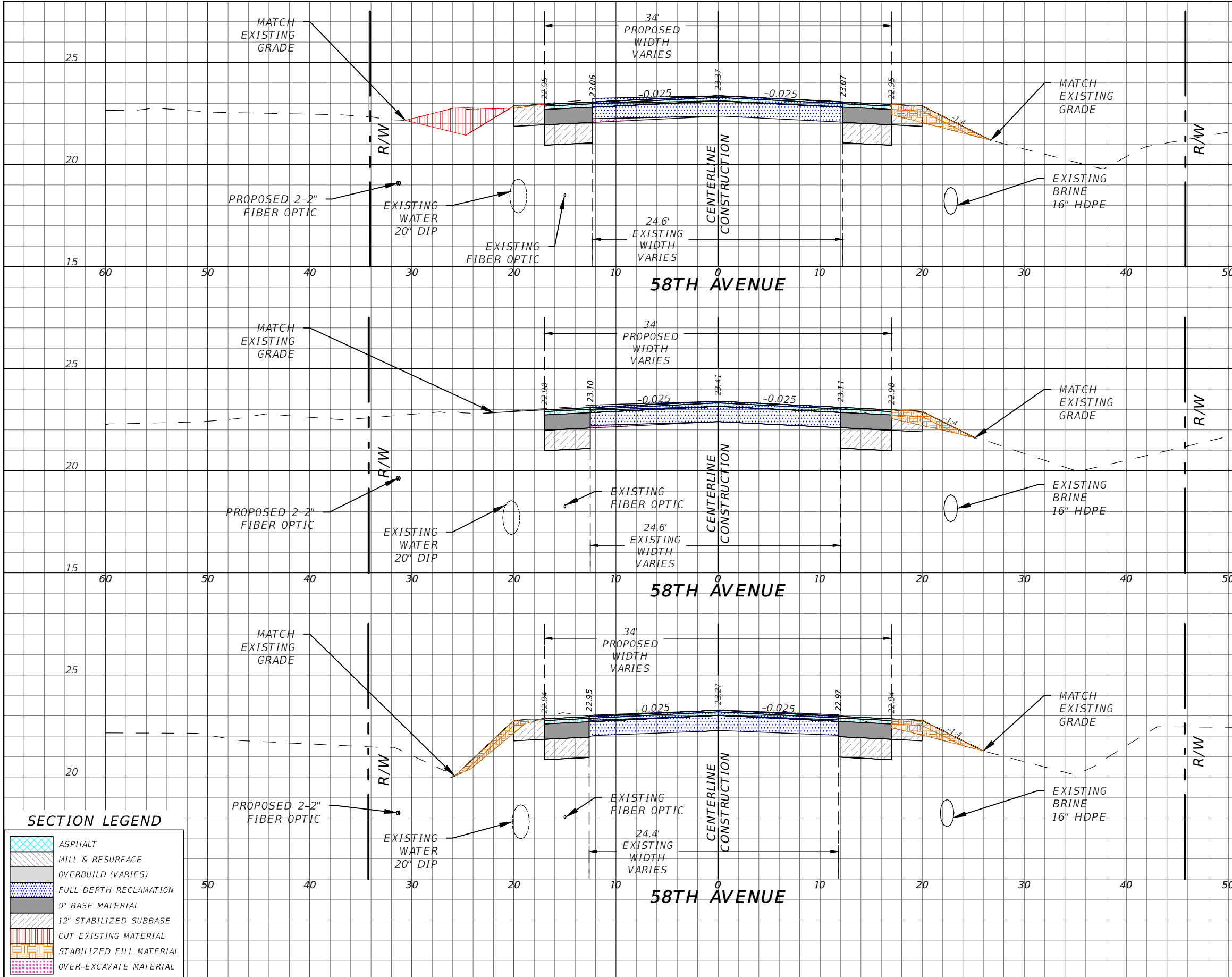
469+00.00

Material(s) at Station 468+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.15F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.45F
Base Material	7.25F
SubBase Material	12.55F
Cut Existing	0.05F
Fill Proposed	3.45F
Over Excavate	0.75F

468+00.00

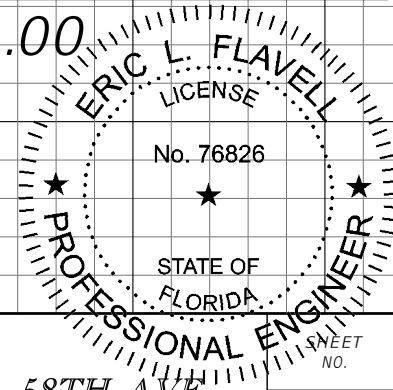
Material(s) at Station 467+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.05F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.35F
Base Material	7.35F
SubBase Material	15.65F
Cut Existing	0.05F
Fill Proposed	6.95F
Over Excavate	0.05F

467+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION
---	---

ERIC L. FLAVELL, P.E.
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CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 122

FOR BIDDING PURPOSES ONLY

Material(s) at Station 472+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.05F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.35F
Base Material	7.35F
SubBase Material	15.65F
Cut Existing	0.35F
Fill Proposed	5.35F
Over Excavate	0.05F

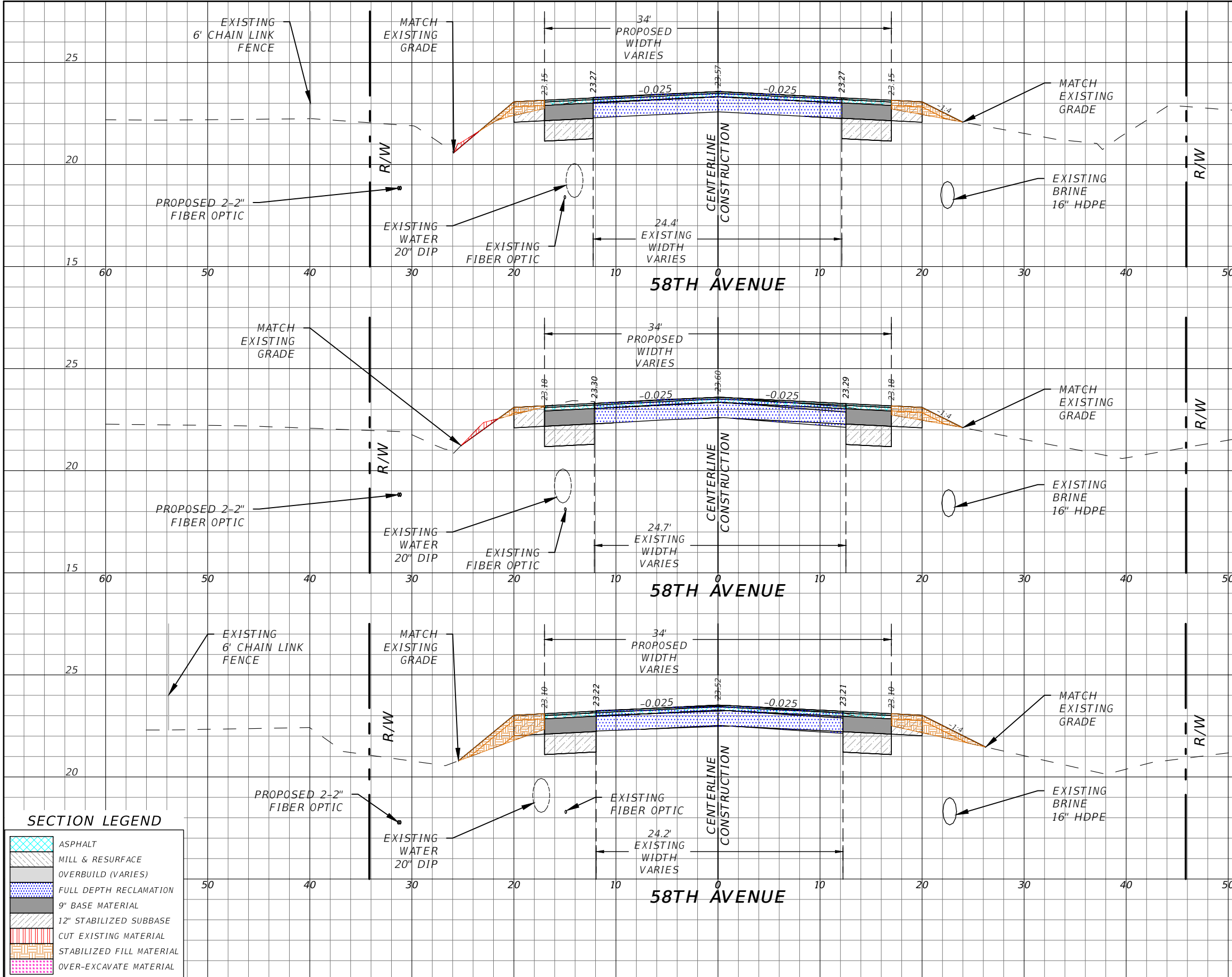
472+00.00

Material(s) at Station 471+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.95F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.55F
Base Material	7.15F
SubBase Material	15.45F
Cut Existing	0.65F
Fill Proposed	3.75F
Over Excavate	0.05F

471+00.00

Material(s) at Station 470+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.75F
Reclaimed Reclamation	6.05F
Full Depth Reclamation	18.15F
Base Material	7.45F
SubBase Material	15.85F
Cut Existing	0.05F
Fill Proposed	11.25F
Over Excavate	0.05F

470+00.00



SECTION LEGEND

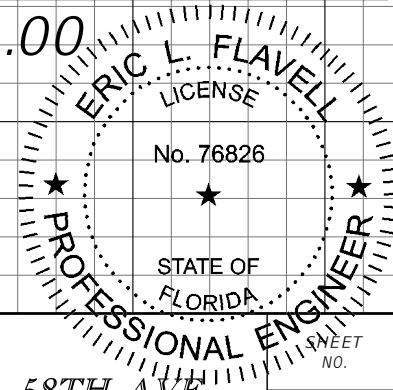
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
---	---

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CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 123



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 475+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.45F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.35F
Base Material	7.35F
SubBase Material	15.65F
Cut Existing	0.05F
Fill Proposed	6.75F
Over Excavate	0.05F

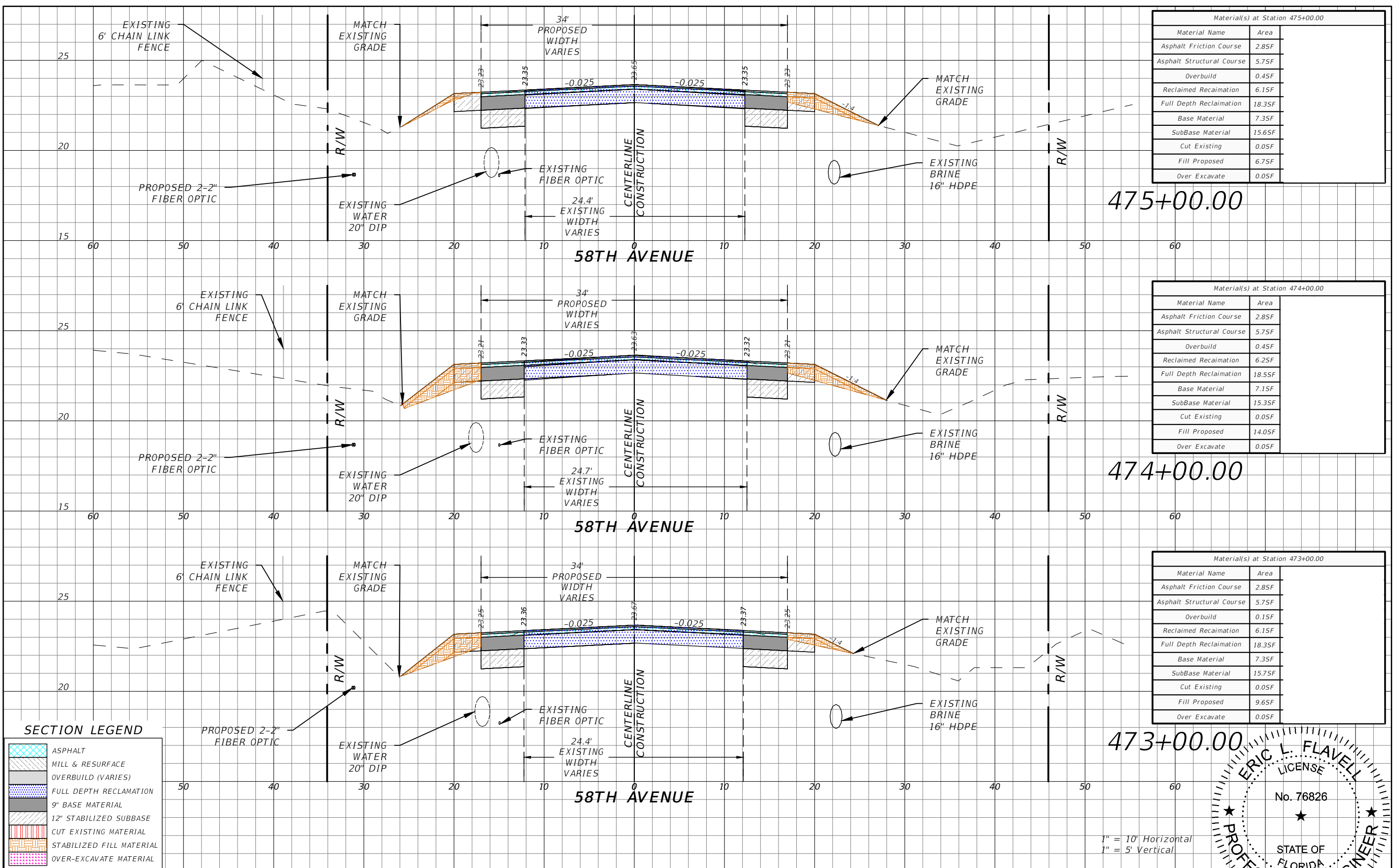
475+00.00

Material(s) at Station 474+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.45F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.55F
Base Material	7.15F
SubBase Material	15.35F
Cut Existing	0.05F
Fill Proposed	14.05F
Over Excavate	0.05F

474+00.00

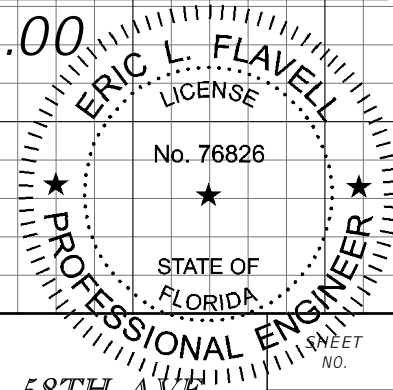
Material(s) at Station 473+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.15F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.35F
Base Material	7.35F
SubBase Material	15.75F
Cut Existing	0.05F
Fill Proposed	9.65F
Over Excavate	0.05F

473+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS		DESCRIPTION		INDIAN RIVER COUNTY		CROSS SECTIONS - 58TH AVE	
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
---	---	---	---	CR-613	INDIAN RIVER	IRC: 1325 FD01:436416-1-54-01	124

FOR BIDDING PURPOSES ONLY

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
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4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

Material(s) at Station 478+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.45F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.55F
Base Material	7.15F
SubBase Material	15.45F
Cut Existing	0.05F
Fill Proposed	4.75F
Over Excavate	0.05F

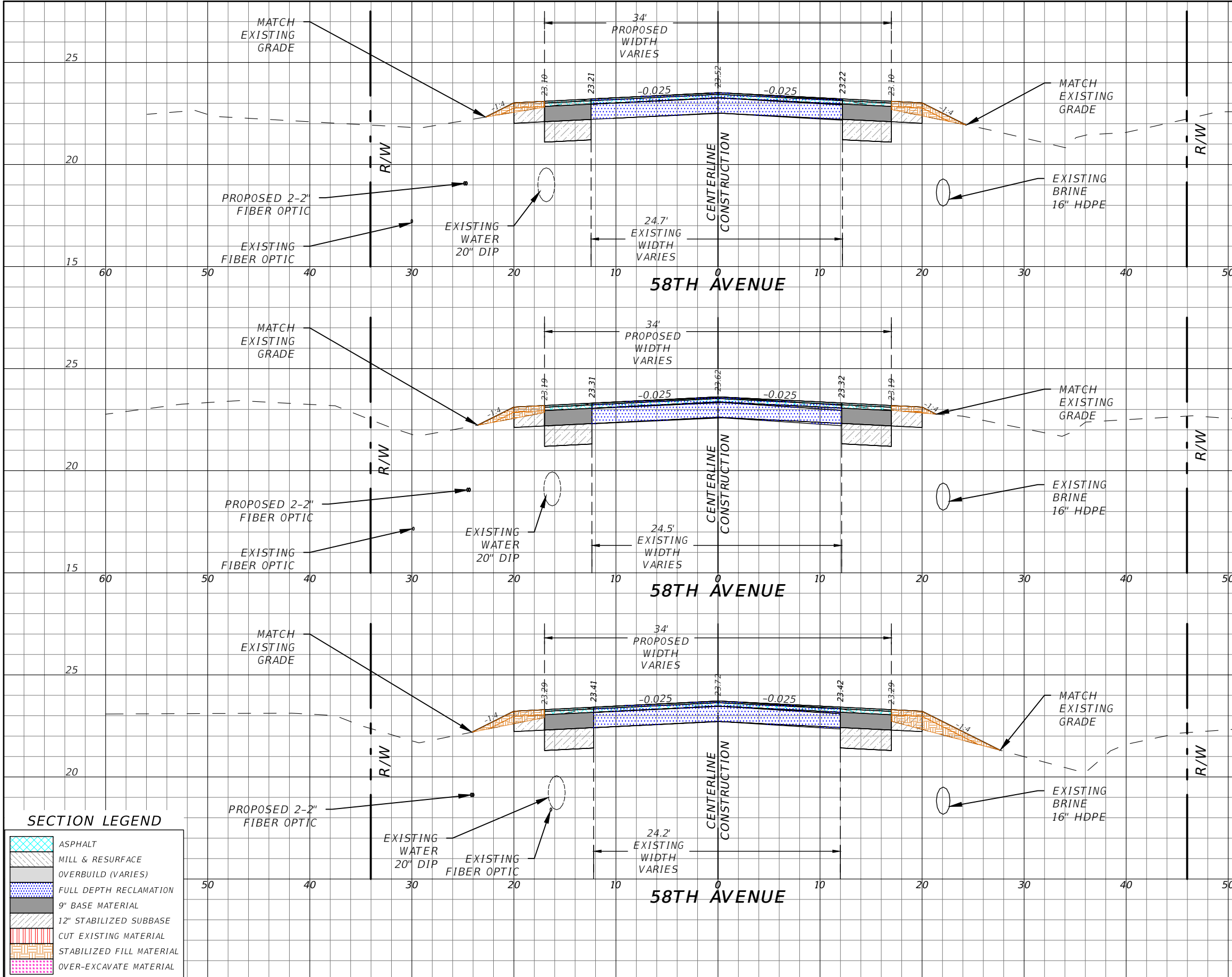
478+00.00

Material(s) at Station 477+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	1.15F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.45F
Base Material	7.25F
SubBase Material	15.55F
Cut Existing	0.05F
Fill Proposed	3.35F
Over Excavate	0.05F

477+00.00

Material(s) at Station 476+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.65F
Reclaimed Reclamation	6.05F
Full Depth Reclamation	18.15F
Base Material	7.45F
SubBase Material	15.85F
Cut Existing	0.05F
Fill Proposed	8.45F
Over Excavate	0.05F

476+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

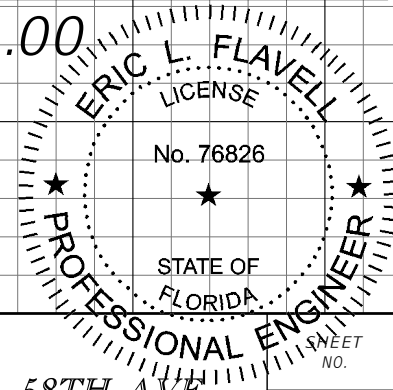
DATE	DESCRIPTION	DATE	DESCRIPTION
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4450 W. EAU GALLIE BLVD.
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

125



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 481+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.95F
Overbuild	0.65F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.65F
Base Material	8.15F
SubBase Material	16.75F
Cut Existing	0.05F
Fill Proposed	5.85F
Over Excavate	0.05F

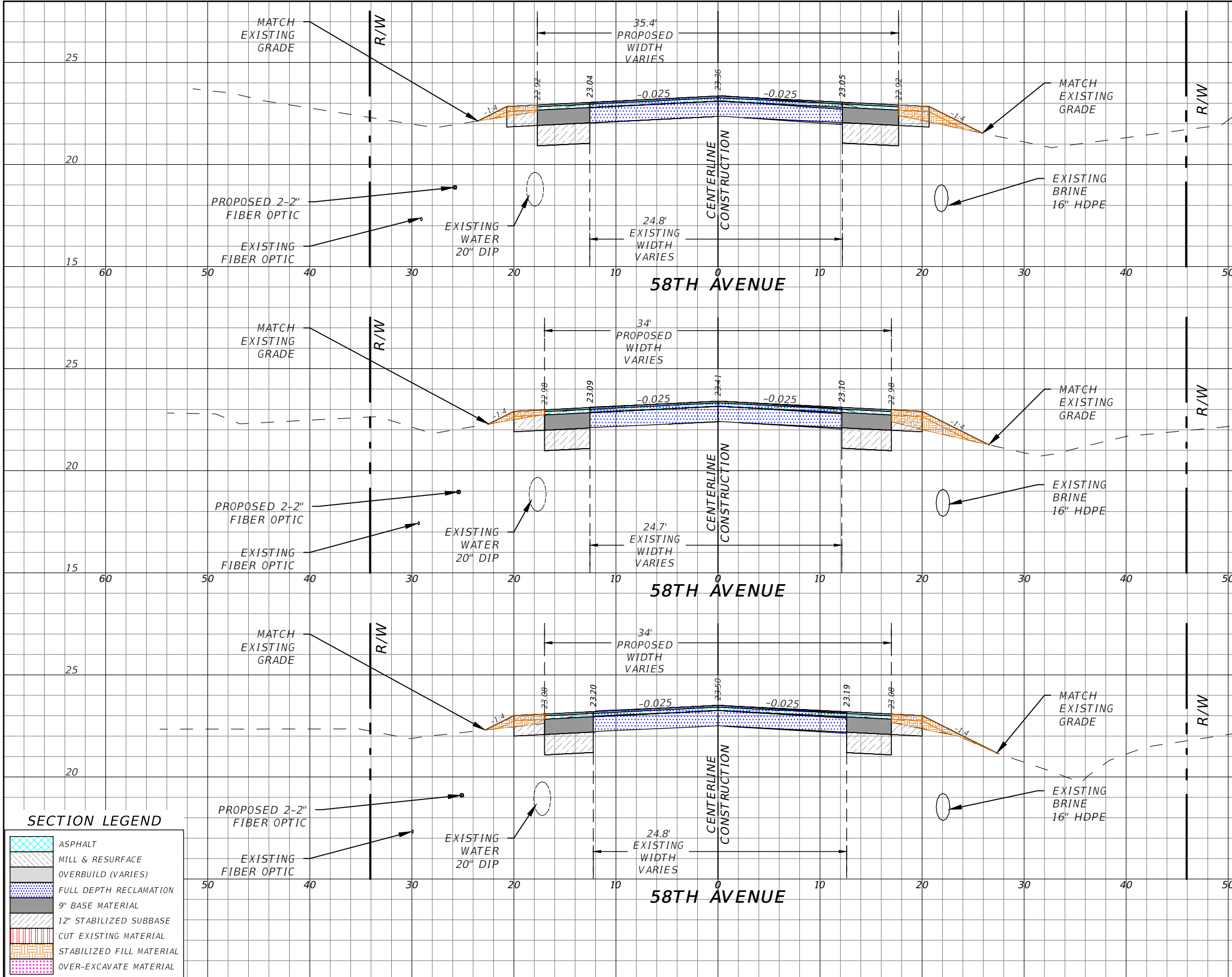
481+00.00

Material(s) at Station 480+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.35F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.55F
Base Material	7.15F
SubBase Material	15.35F
Cut Existing	0.05F
Fill Proposed	6.65F
Over Excavate	0.05F

480+00.00

Material(s) at Station 479+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	0.45F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.65F
Base Material	7.05F
SubBase Material	15.25F
Cut Existing	0.05F
Fill Proposed	5.45F
Over Excavate	0.05F

479+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

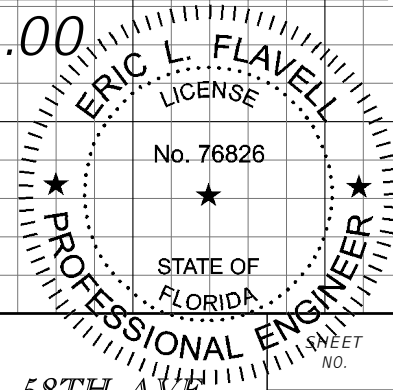
REVISIONS	
DATE	DESCRIPTION

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4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

126



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 484+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	0.35F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.65F
Base Material	15.55F
SubBase Material	26.65F
Cut Existing	0.05F
Fill Proposed	8.25F
Over Excavate	0.05F

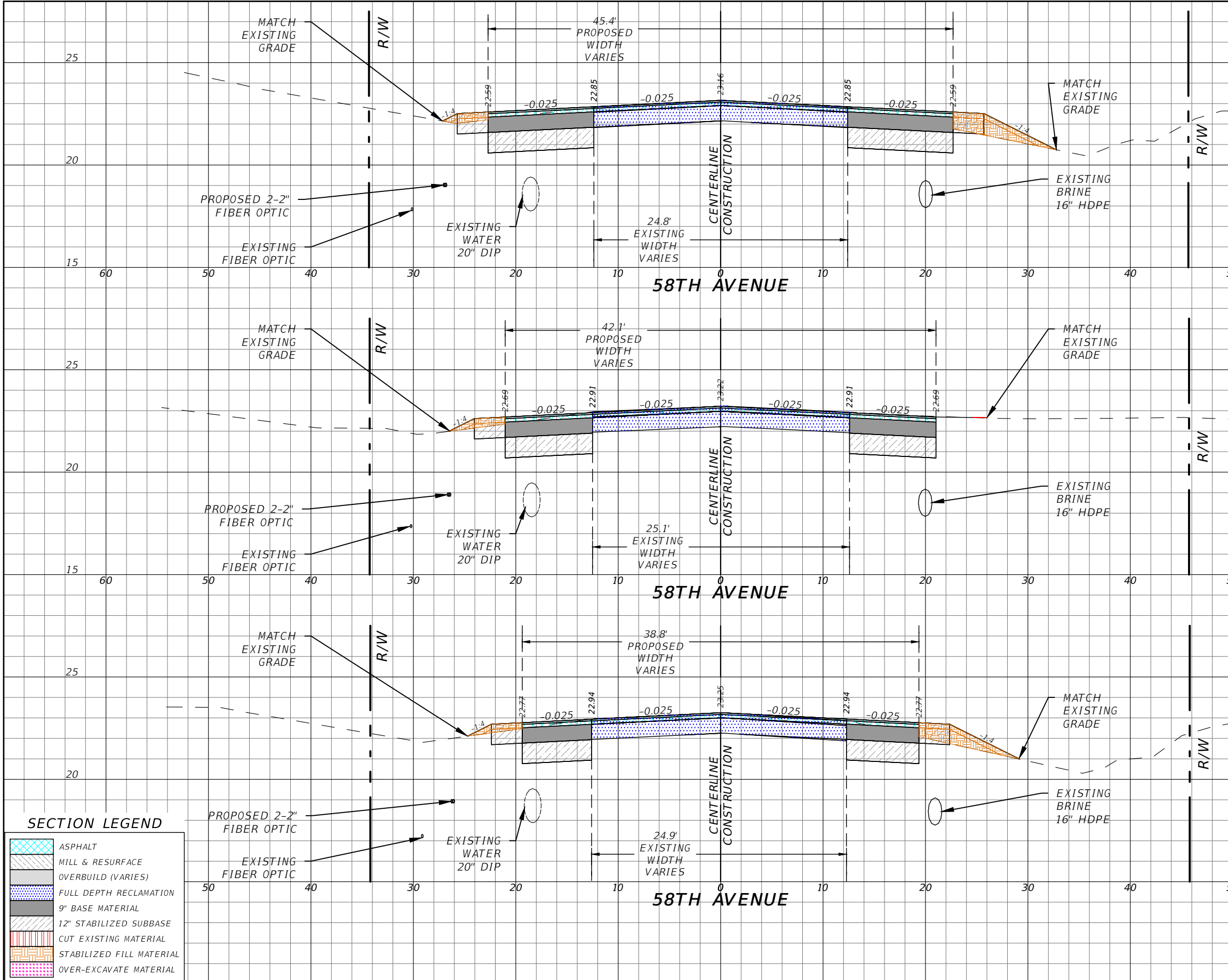
484+00.00

Material(s) at Station 483+00.00	
Material Name	Area
Asphalt Friction Course	3.55F
Asphalt Structural Course	7.05F
Overbuild	0.05F
Reclaimed Reclamation	6.35F
Full Depth Reclamation	18.85F
Base Material	12.85F
SubBase Material	20.05F
Cut Existing	0.05F
Fill Proposed	1.85F
Over Excavate	0.05F

483+00.00

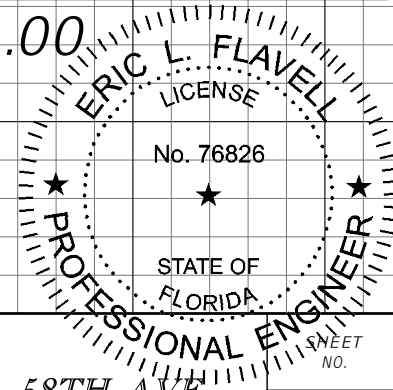
Material(s) at Station 482+00.00	
Material Name	Area
Asphalt Friction Course	3.25F
Asphalt Structural Course	6.55F
Overbuild	0.45F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.75F
Base Material	10.55F
SubBase Material	19.85F
Cut Existing	0.05F
Fill Proposed	7.35F
Over Excavate	0.05F

482+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



REVISIONS	
DATE	DESCRIPTION
---	---

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO. 127

Material(s) at Station 487+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	1.75F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.45F
Base Material	0.25F
SubBase Material	6.05F
Cut Existing	0.05F
Fill Proposed	8.45F
Over Excavate	0.05F

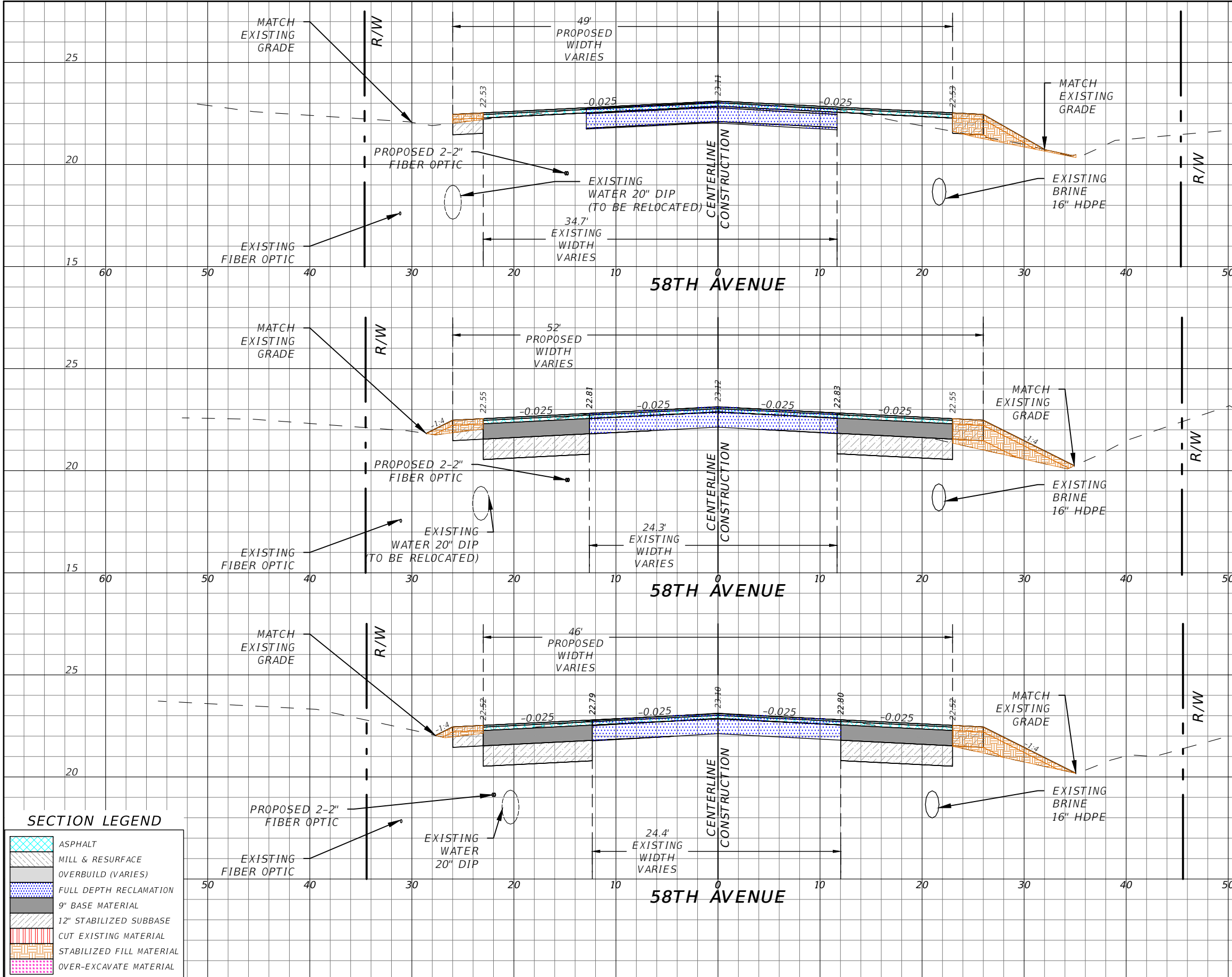
487+00.00

Material(s) at Station 486+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	0.15F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.25F
Base Material	16.45F
SubBase Material	27.75F
Cut Existing	0.05F
Fill Proposed	14.05F
Over Excavate	0.05F

486+00.00

Material(s) at Station 485+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	0.15F
Reclaimed Reclamation	6.15F
Full Depth Reclamation	18.35F
Base Material	16.35F
SubBase Material	27.75F
Cut Existing	0.05F
Fill Proposed	11.05F
Over Excavate	0.05F

485+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

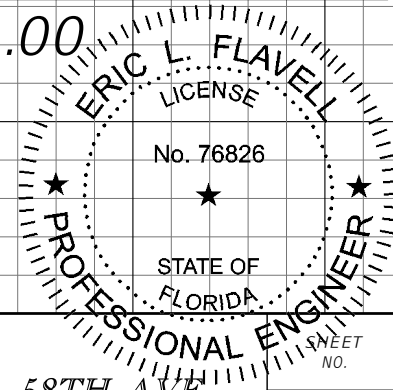
REVISIONS	
DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

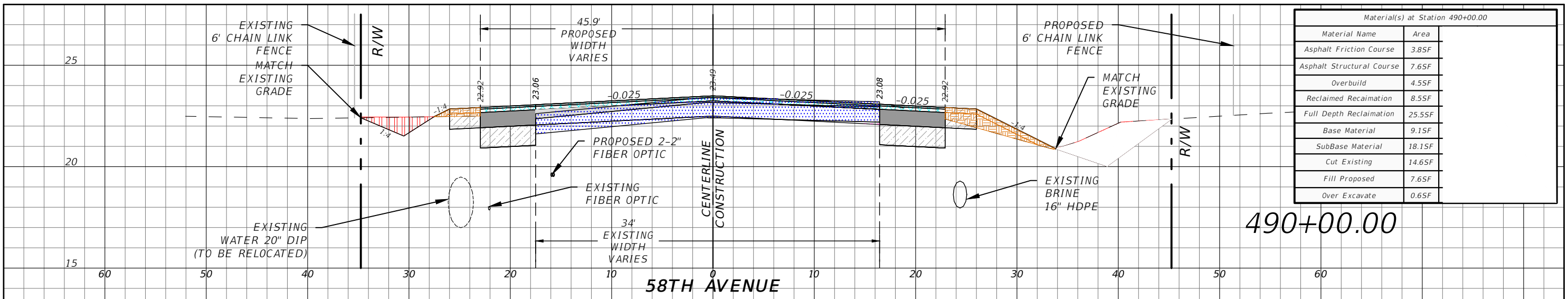
CROSS SECTIONS - 58TH AVE

128

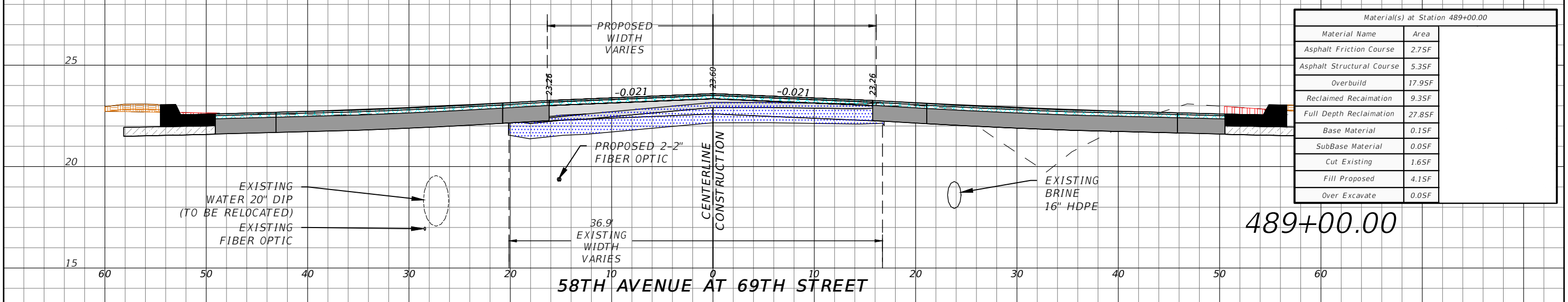


1" = 10' Horizontal
1" = 5' Vertical

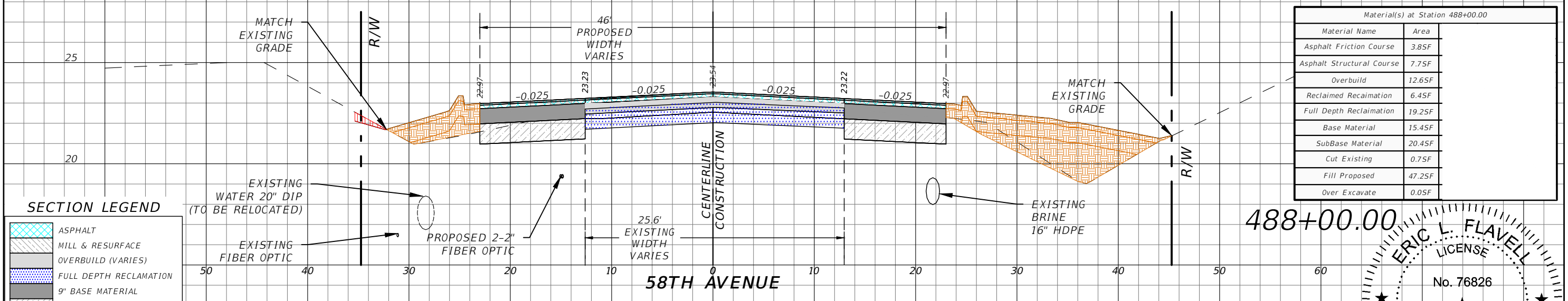
FOR BIDDING PURPOSES ONLY



Material(s) at Station 490+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	4.55F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.55F
Base Material	9.15F
SubBase Material	18.15F
Cut Existing	14.65F
Fill Proposed	7.65F
Over Excavate	0.65F



Material(s) at Station 489+00.00	
Material Name	Area
Asphalt Friction Course	2.75F
Asphalt Structural Course	5.35F
Overbuild	17.95F
Reclaimed Reclamation	9.35F
Full Depth Reclamation	27.85F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	1.65F
Fill Proposed	4.15F
Over Excavate	0.05F



Material(s) at Station 488+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	12.65F
Reclaimed Reclamation	6.45F
Full Depth Reclamation	19.25F
Base Material	15.45F
SubBase Material	20.45F
Cut Existing	0.75F
Fill Proposed	47.25F
Over Excavate	0.05F

SECTION LEGEND

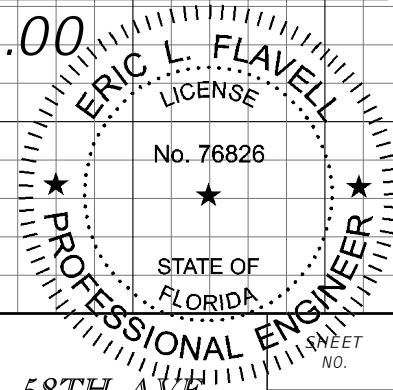
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
 P.E. LICENSE NUMBER 76826
 BOWMAN CONSULTING GROUP
 4450 W. EAU GALLIE BLVD.
 MELBOURNE, FL 32934
 CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
 DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR-613 INDIAN RIVER IRC: 1325
 58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
 SHEET NO. 129



1" = 10' Horizontal
 1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 493+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.55F
Overbuild	4.65F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.35F
Base Material	8.65F
SubBase Material	18.25F
Cut Existing	0.05F
Fill Proposed	4.65F
Over Excavate	0.05F

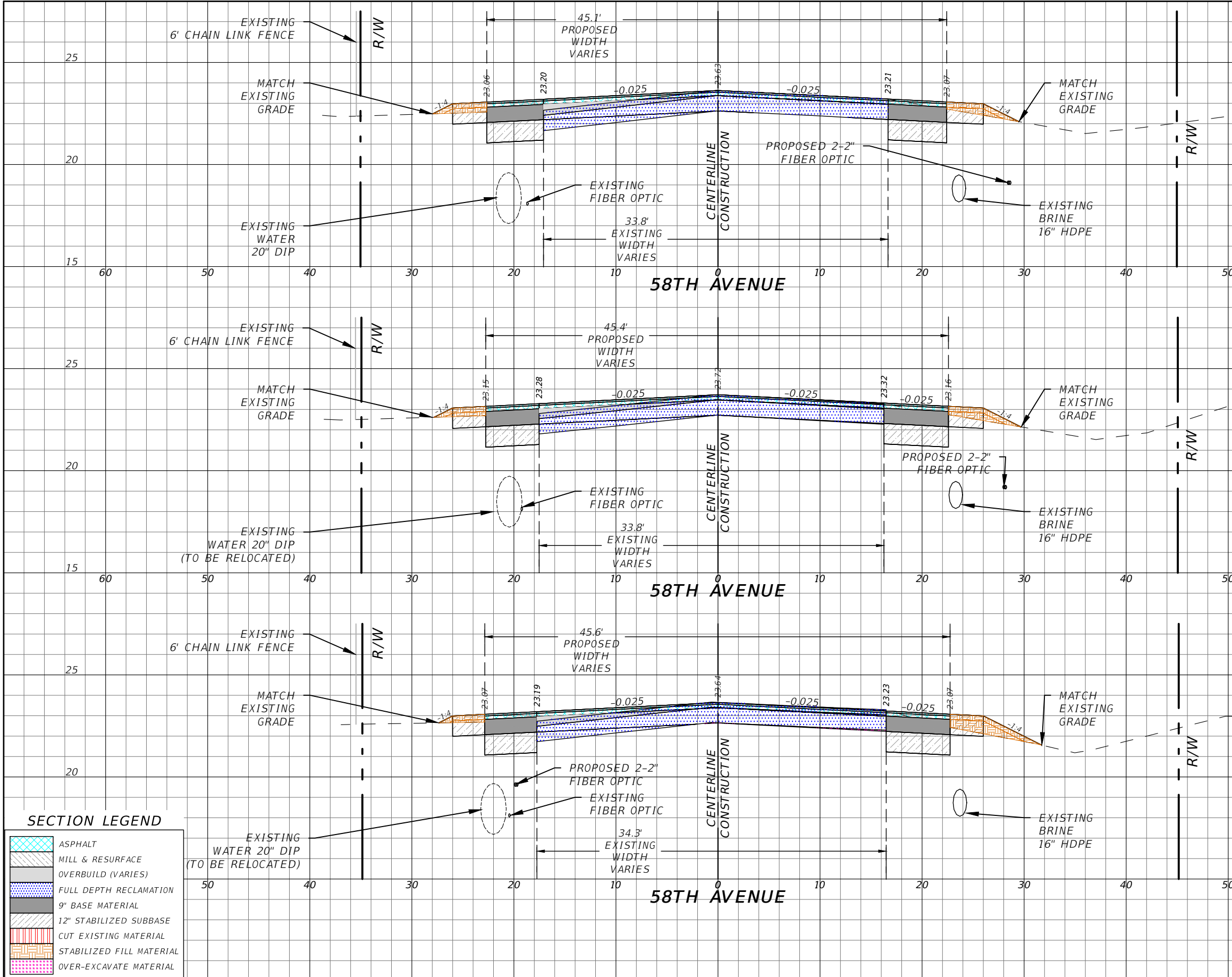
493+00.00

Material(s) at Station 492+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	4.65F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.35F
Base Material	8.85F
SubBase Material	18.25F
Cut Existing	0.05F
Fill Proposed	4.75F
Over Excavate	0.05F

492+00.00

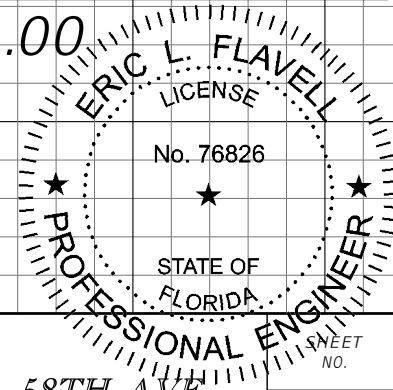
Material(s) at Station 491+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	3.65F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.75F
Base Material	8.65F
SubBase Material	17.85F
Cut Existing	0.05F
Fill Proposed	6.35F
Over Excavate	0.65F

491+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
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BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 130

FOR BIDDING PURPOSES ONLY

Material(s) at Station 496+00.00	
Material Name	Area
Asphalt Friction Course	3.05F
Asphalt Structural Course	6.15F
Overbuild	2.85F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.45F
Base Material	2.25F
SubBase Material	9.25F
Cut Existing	0.05F
Fill Proposed	2.45F
Over Excavate	0.05F

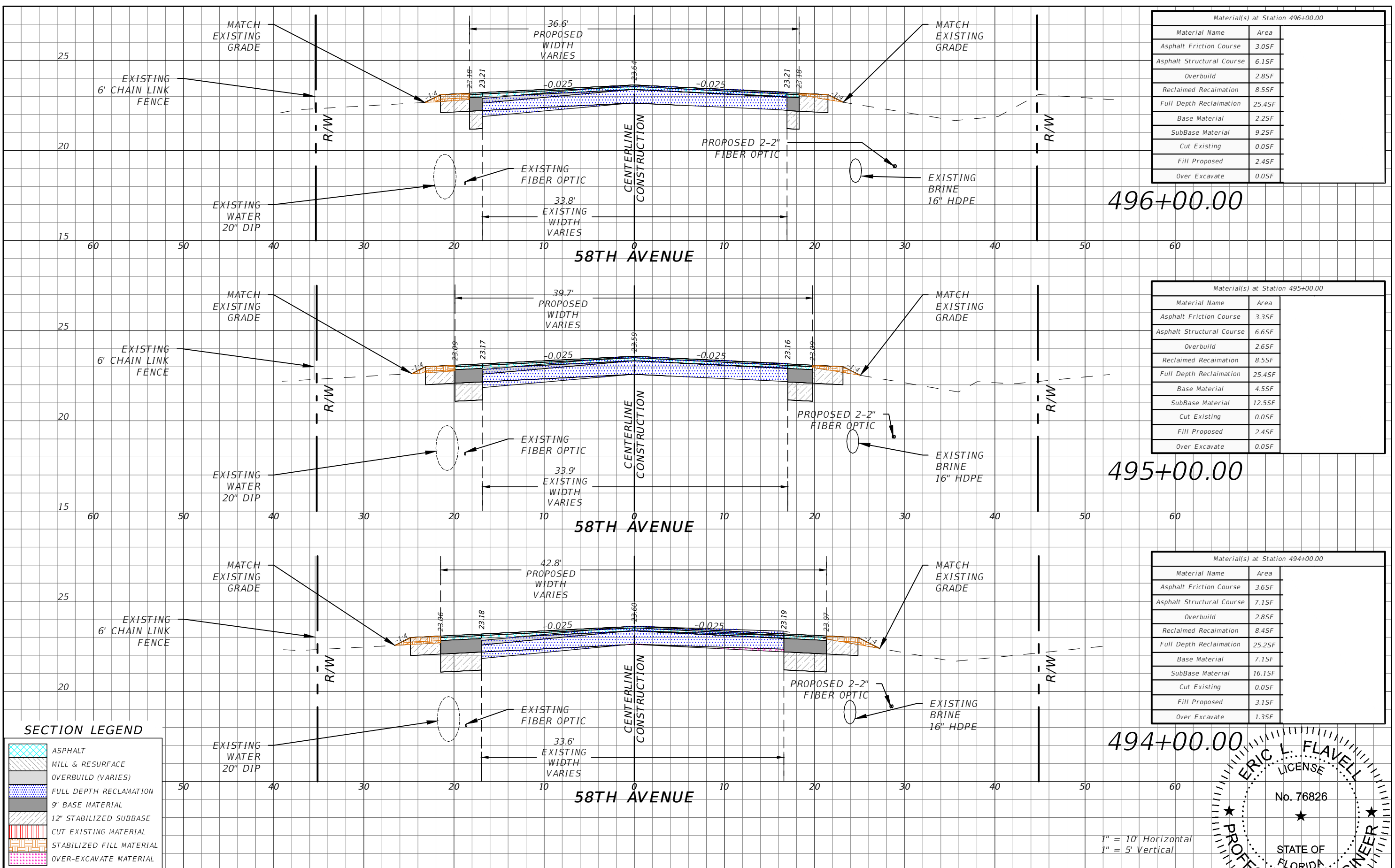
496+00.00

Material(s) at Station 495+00.00	
Material Name	Area
Asphalt Friction Course	3.35F
Asphalt Structural Course	6.65F
Overbuild	2.65F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.45F
Base Material	4.55F
SubBase Material	12.55F
Cut Existing	0.05F
Fill Proposed	2.45F
Over Excavate	0.05F

495+00.00

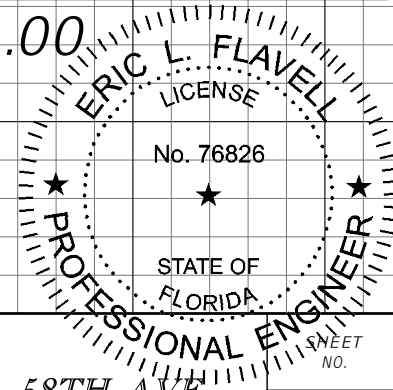
Material(s) at Station 494+00.00	
Material Name	Area
Asphalt Friction Course	3.65F
Asphalt Structural Course	7.15F
Overbuild	2.85F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.25F
Base Material	7.15F
SubBase Material	16.15F
Cut Existing	0.05F
Fill Proposed	3.15F
Over Excavate	1.35F

494+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO. 131

FOR BIDDING PURPOSES ONLY

Material(s) at Station 499+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	4.75F
Reclaimed Reclamation	8.75F
Full Depth Reclamation	26.25F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	5.85F
Over Excavate	0.05F

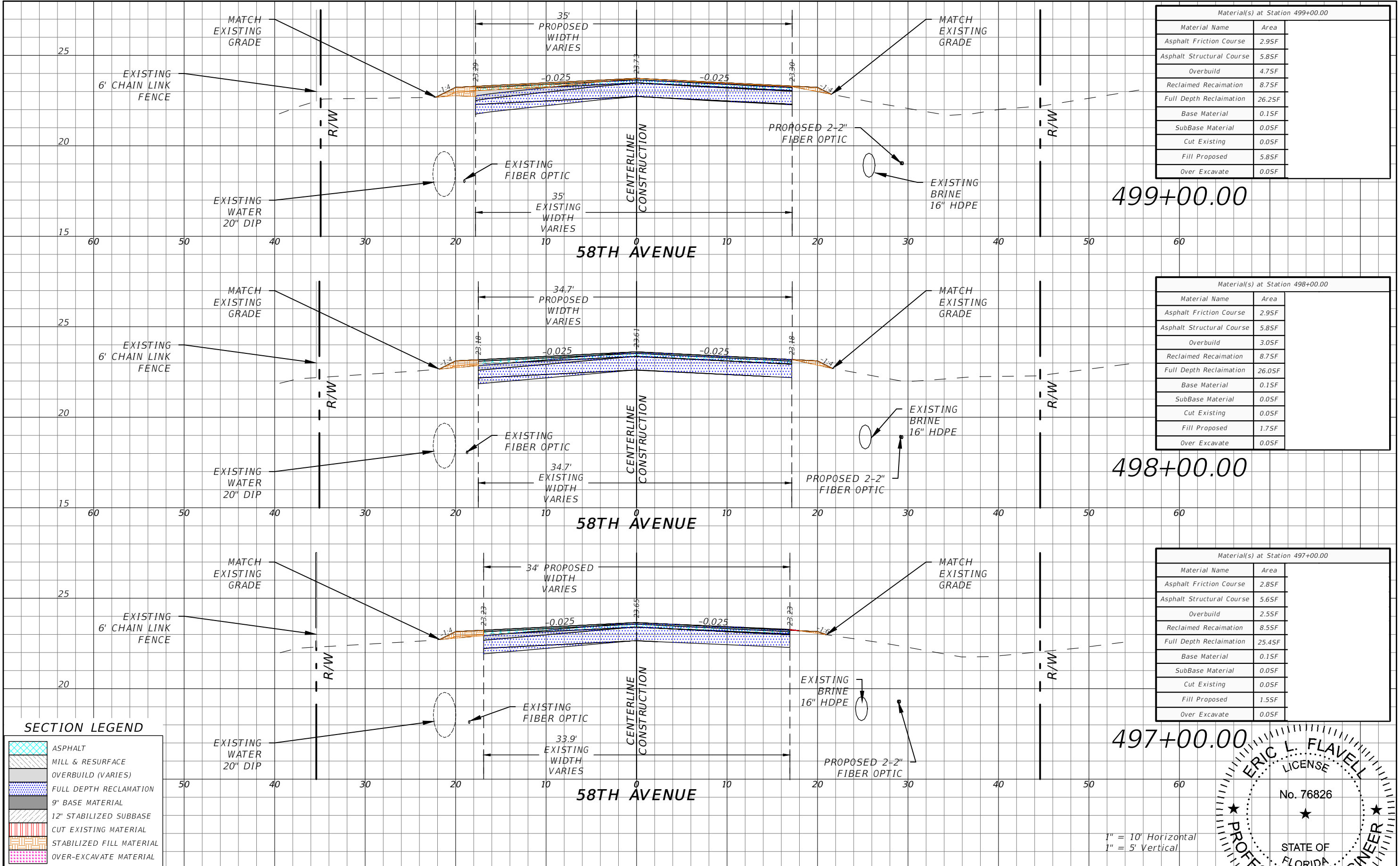
499+00.00

Material(s) at Station 498+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	3.05F
Reclaimed Reclamation	8.75F
Full Depth Reclamation	26.05F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	1.75F
Over Excavate	0.05F

498+00.00

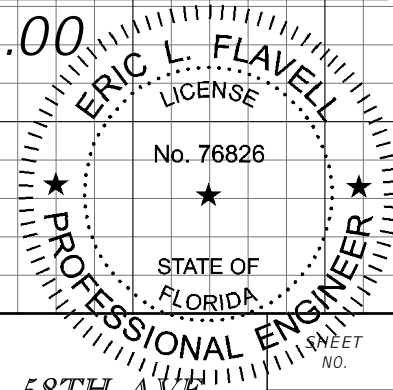
Material(s) at Station 497+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	2.55F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.45F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	1.55F
Over Excavate	0.05F

497+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS		DESCRIPTION		INDIAN RIVER COUNTY		FINANCIAL PROJECT ID		CROSS SECTIONS - 58TH AVE	
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	ROAD NO.	COUNTY	FINANCIAL PROJECT ID
---	---	---	---	CR-613	INDIAN RIVER	IRC: 1325	58th AVE	INDIAN RIVER	FD01:436416-1-54-01

FOR BIDDING PURPOSES ONLY

Material(s) at Station 502+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	4.55F
Reclaimed Reclamation	8.95F
Full Depth Reclamation	25.75F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.35F
Fill Proposed	2.55F
Over Excavate	1.35F

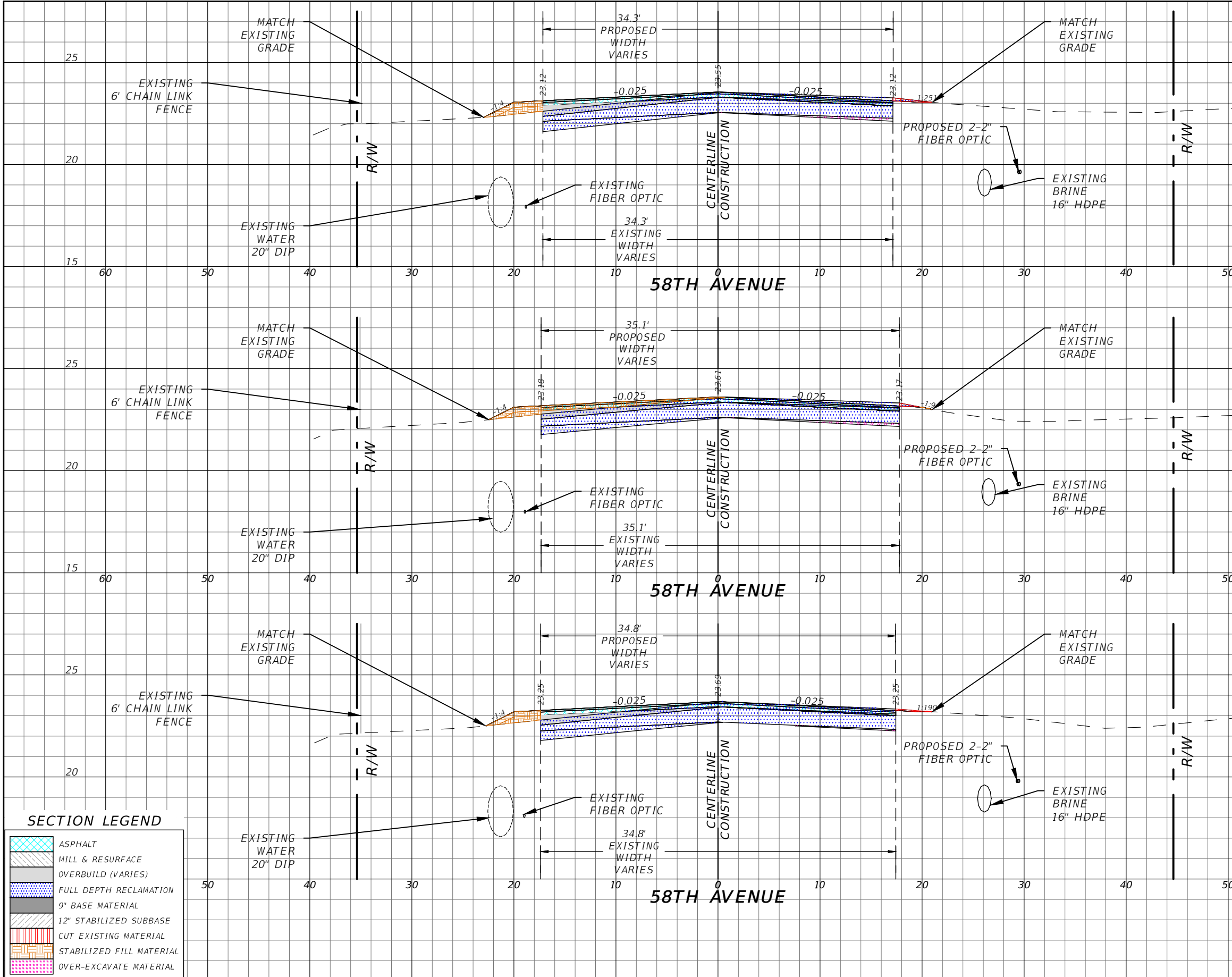
502+00.00

Material(s) at Station 501+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	3.95F
Reclaimed Reclamation	8.95F
Full Depth Reclamation	26.35F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.25F
Fill Proposed	5.15F
Over Excavate	1.45F

501+00.00

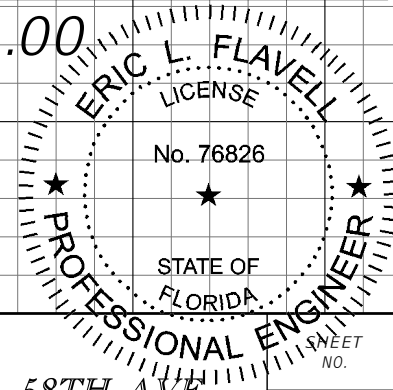
Material(s) at Station 500+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	4.35F
Reclaimed Reclamation	8.75F
Full Depth Reclamation	26.15F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.25F
Fill Proposed	2.15F
Over Excavate	0.55F

500+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION
---	---

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO. 133

FOR BIDDING PURPOSES ONLY

Material(s) at Station 505+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	2.25F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.85F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.45F
Fill Proposed	1.25F
Over Excavate	1.35F

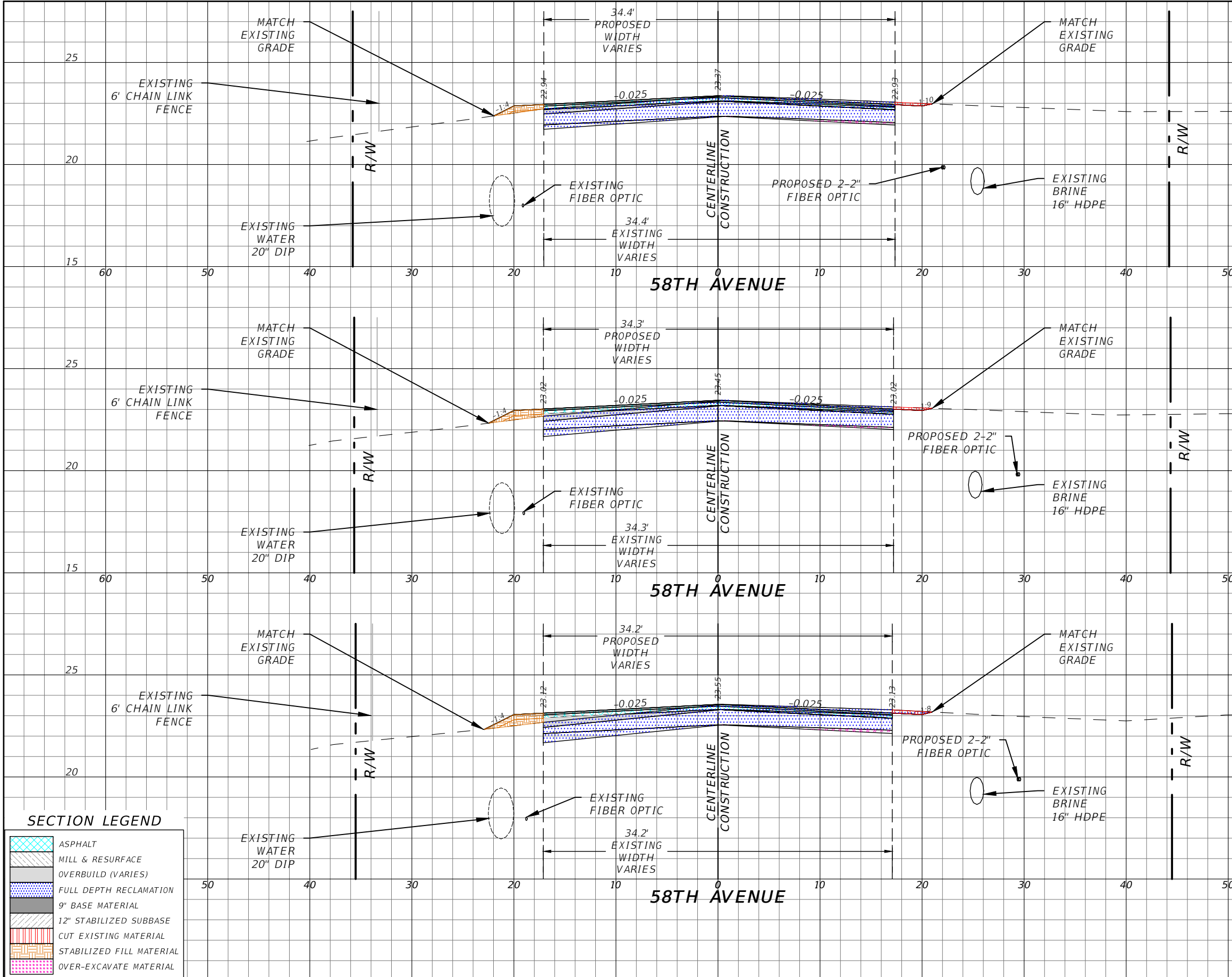
505+00.00

Material(s) at Station 504+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	3.25F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.75F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.45F
Fill Proposed	1.75F
Over Excavate	1.05F

504+00.00

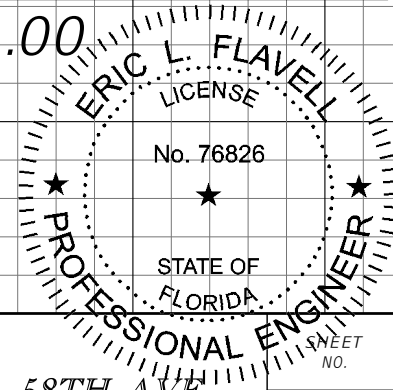
Material(s) at Station 503+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	4.15F
Reclaimed Reclamation	9.15F
Full Depth Reclamation	25.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.55F
Fill Proposed	2.25F
Over Excavate	1.55F

503+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO.
134

FOR BIDDING PURPOSES ONLY

Material(s) at Station 508+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	5.95F
Reclaimed Reclamation	8.75F
Full Depth Reclamation	26.15F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	4.45F
Over Excavate	0.05F

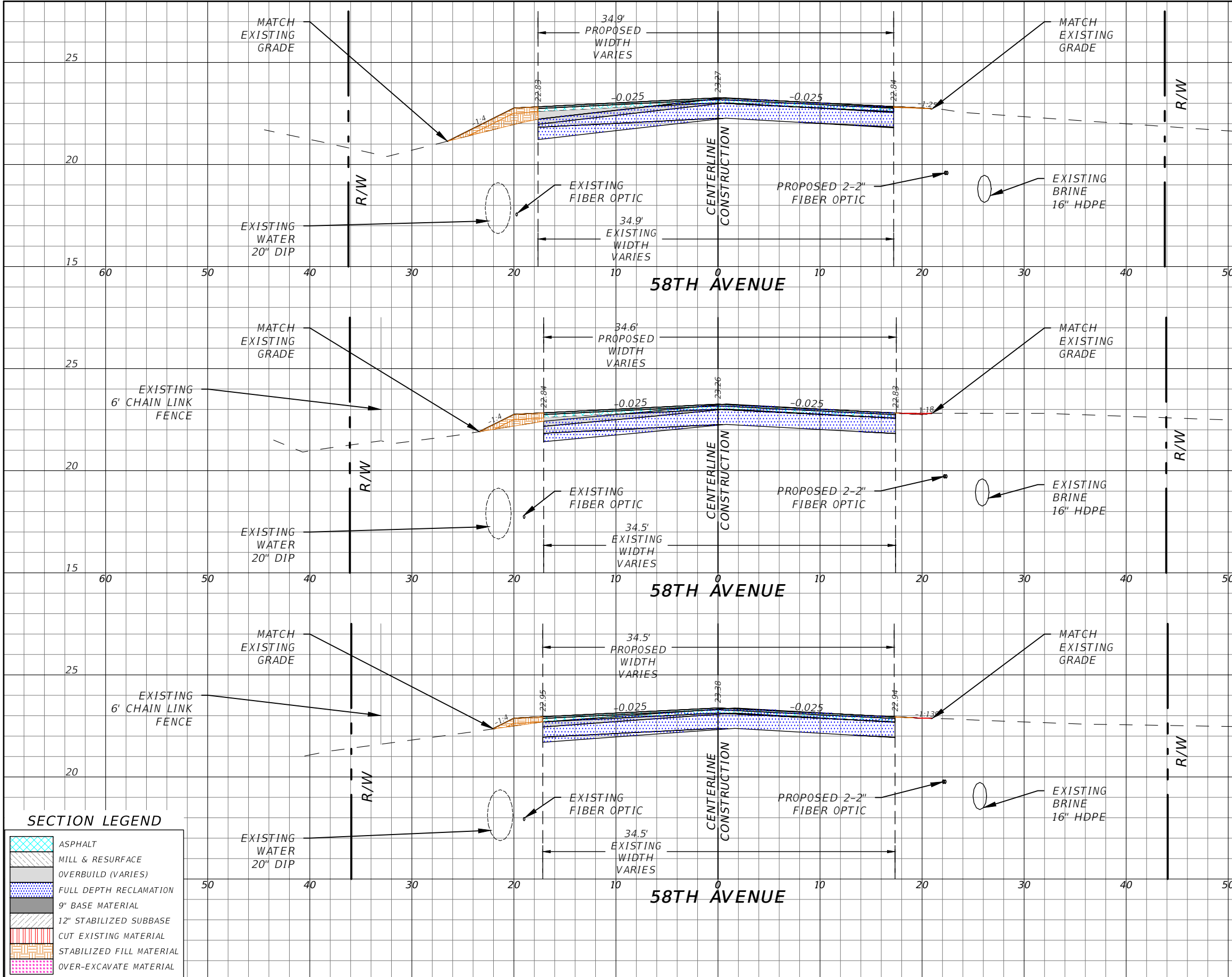
508+00.00

Material(s) at Station 507+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	3.95F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.95F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.15F
Fill Proposed	2.45F
Over Excavate	0.05F

507+00.00

Material(s) at Station 506+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	2.75F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.95F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	1.35F
Over Excavate	0.05F

506+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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FOR BIDDING PURPOSES ONLY

ERIC L. FLAVELL, P.E.
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BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR-613 58th AVE	INDIAN RIVER	IRC: 1325 FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET NO.
135

Material(s) at Station 510+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	5.85F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.75F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	7.45F
Over Excavate	0.05F

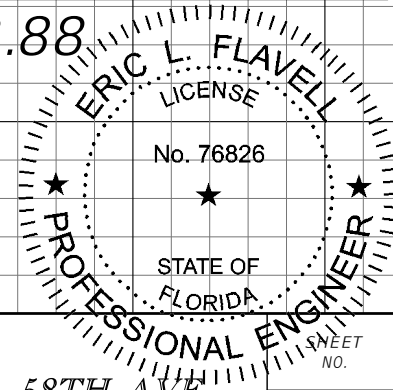
510+00.00

Material(s) at Station 509+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	5.15F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.55F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	7.55F
Over Excavate	0.05F

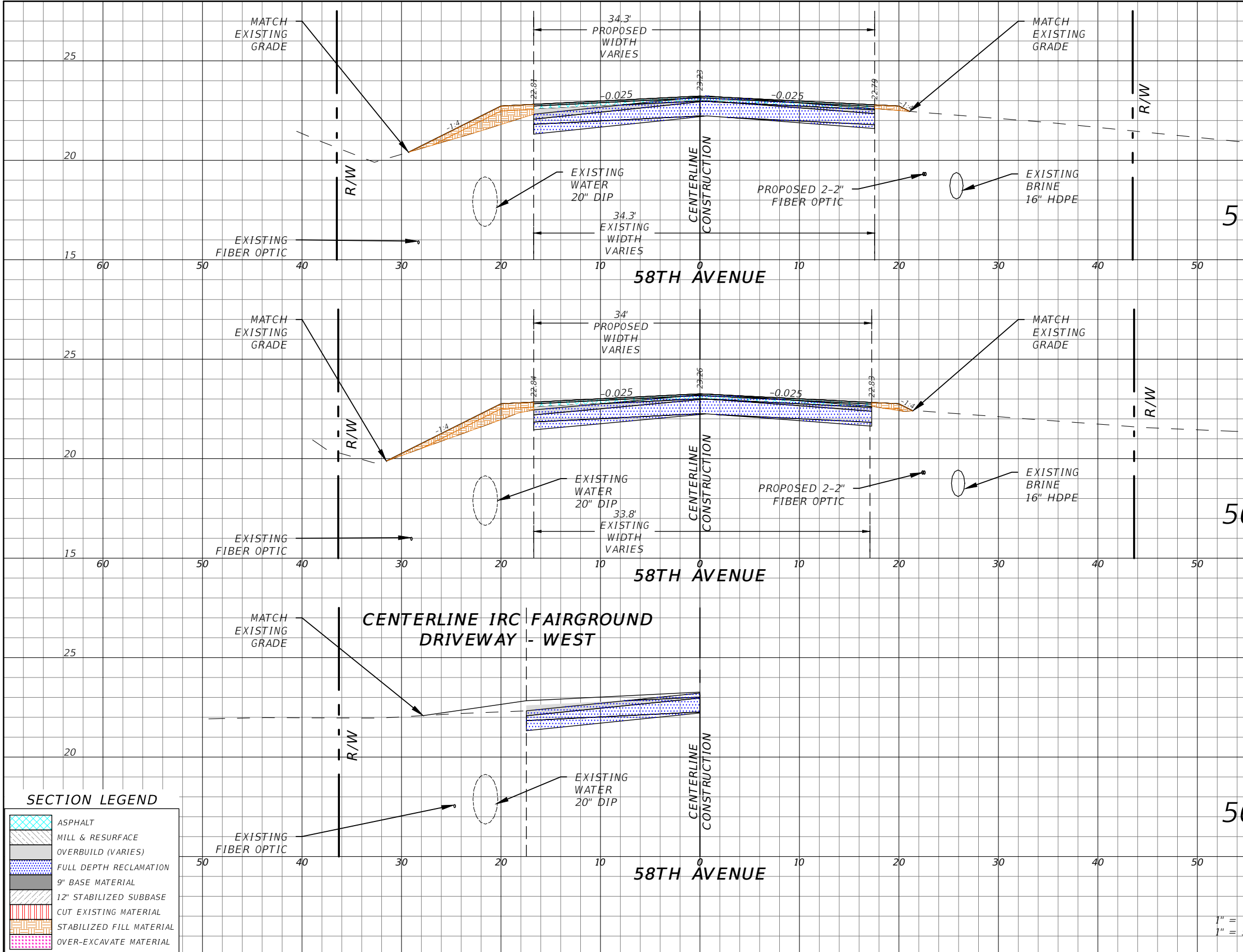
509+00.00

Material(s) at Station 508+48.88	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	4.95F
Reclaimed Reclamation	4.45F
Full Depth Reclamation	13.15F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

508+48.88



1" = 10' Horizontal
1" = 5' Vertical



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
---	---

FOR BIDDING PURPOSES ONLY

ERIC L. FLAVELL, P.E.
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BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR-613	INDIAN RIVER	IRC: 1325
58th AVE		FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO. 136

Material(s) at Station 512+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	3.05F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.35F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.45F
Over Excavate	0.05F

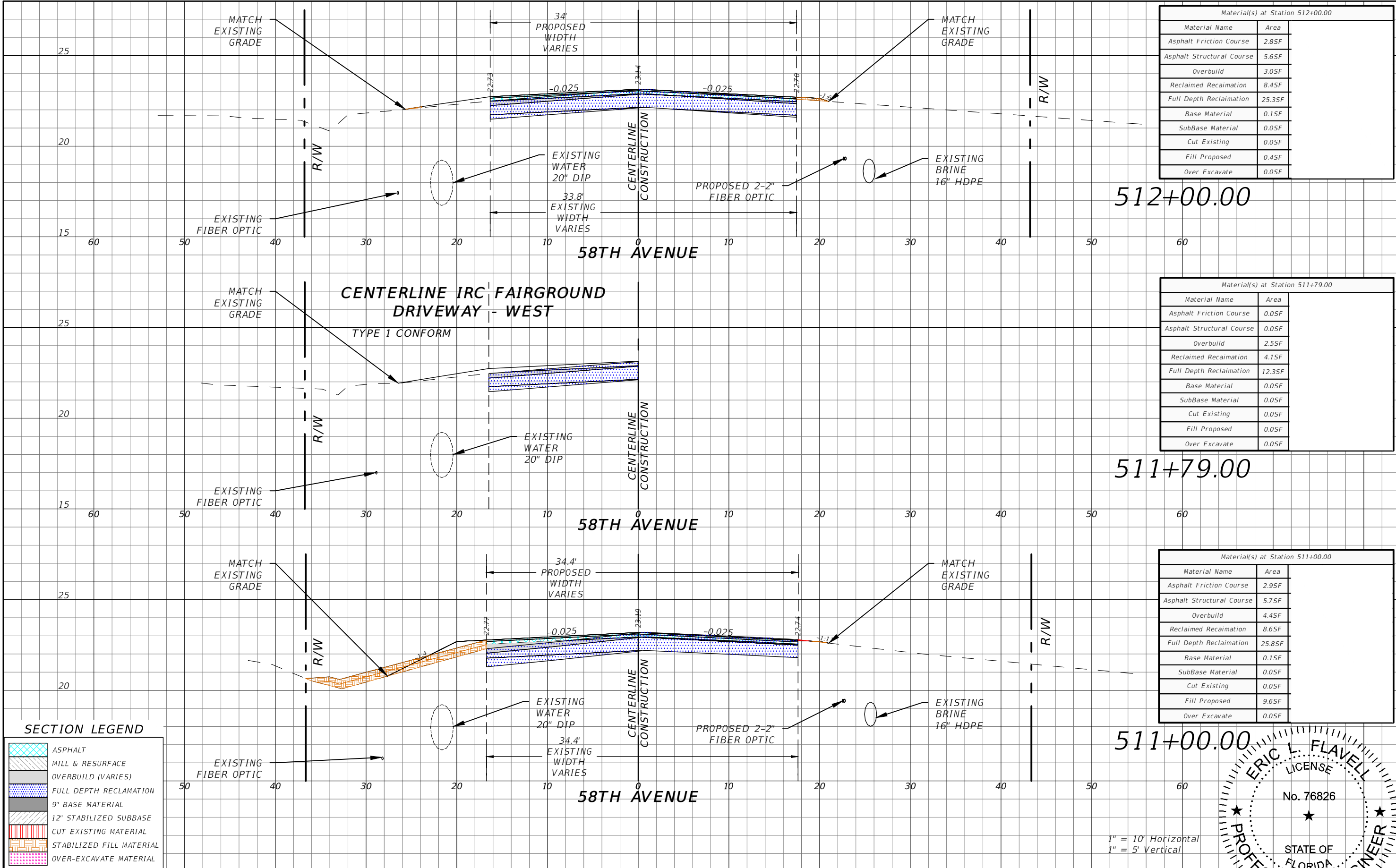
512+00.00

Material(s) at Station 511+79.00	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	2.55F
Reclaimed Reclamation	4.15F
Full Depth Reclamation	12.35F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

511+79.00

Material(s) at Station 511+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	4.45F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.85F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	9.65F
Over Excavate	0.05F

511+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

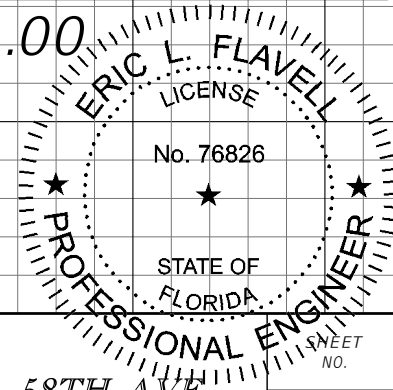
REVISIONS	
DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

137



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 515+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	6.05F
Reclaimed Reclamation	8.75F
Full Depth Reclamation	25.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.15F
Fill Proposed	2.45F
Over Excavate	0.05F

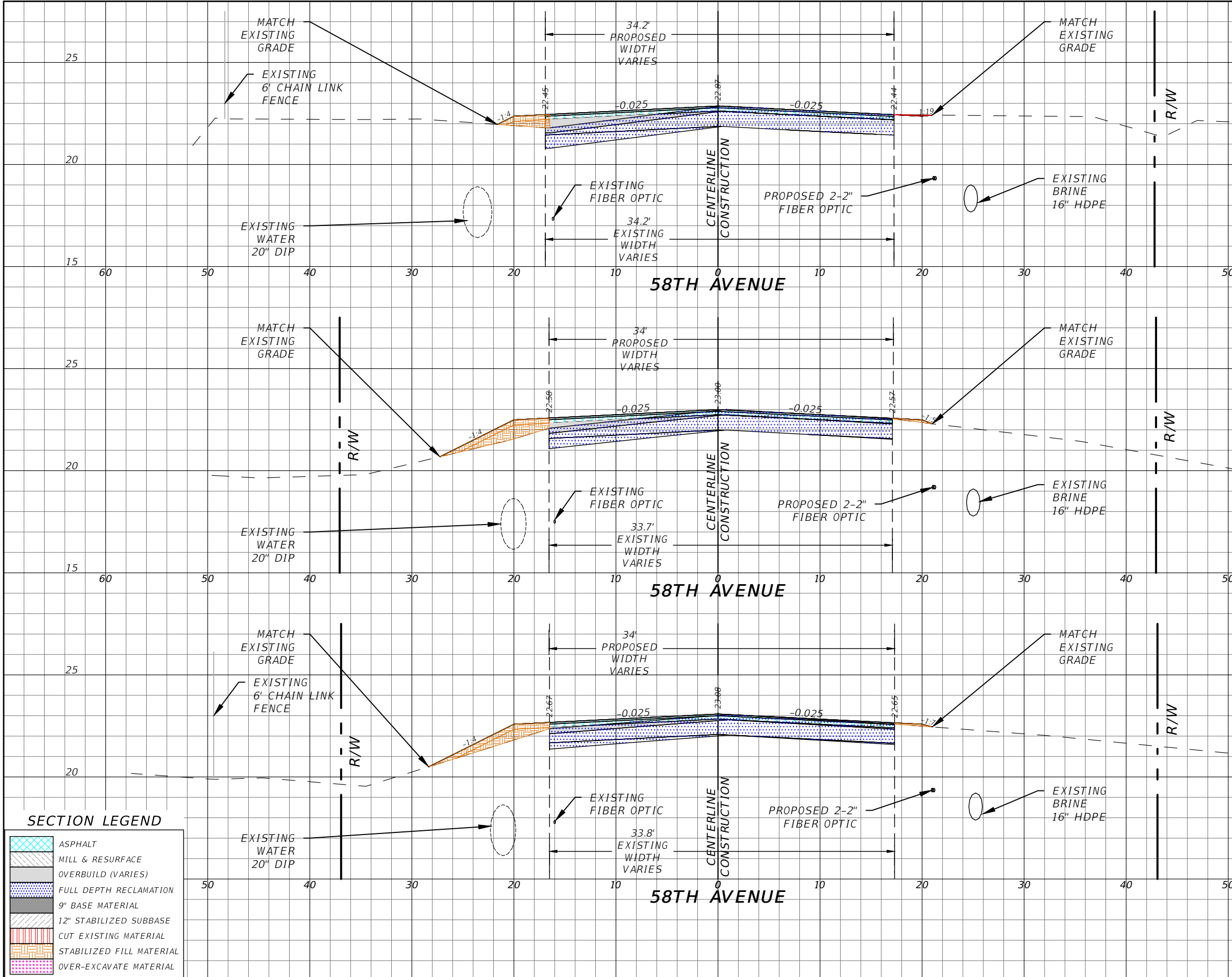
515+00.00

Material(s) at Station 514+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	4.55F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.25F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	6.25F
Over Excavate	0.05F

514+00.00

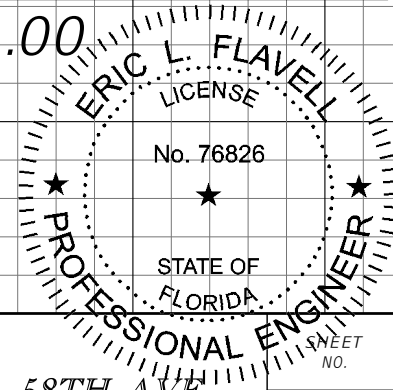
Material(s) at Station 513+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	3.85F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.45F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	5.45F
Over Excavate	0.05F

513+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO. 138

FOR BIDDING PURPOSES ONLY

Material(s) at Station 517+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	2.85F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.45F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.25F
Fill Proposed	5.95F
Over Excavate	1.65F

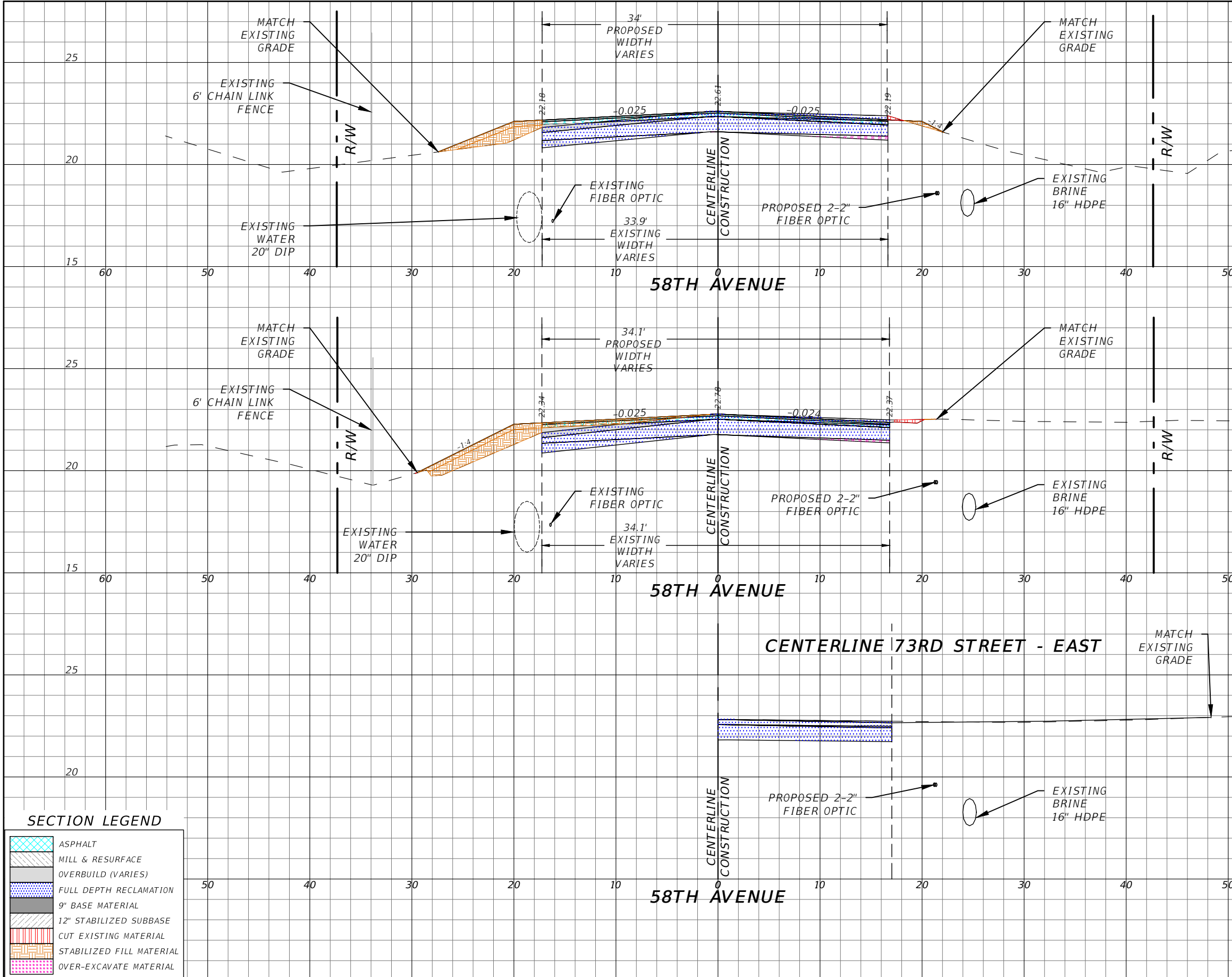
517+00.00

Material(s) at Station 516+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	3.95F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.45F
Fill Proposed	11.95F
Over Excavate	1.05F

516+00.00

Material(s) at Station 515+62.72	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	0.05F
Reclaimed Reclamation	4.35F
Full Depth Reclamation	12.85F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

515+62.72



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

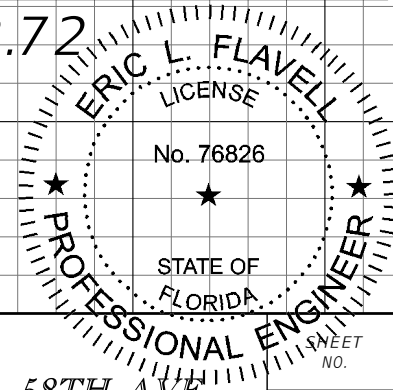
REVISIONS	
DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

139



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 520+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	5.35F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.85F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.55F
Fill Proposed	5.55F
Over Excavate	2.25F

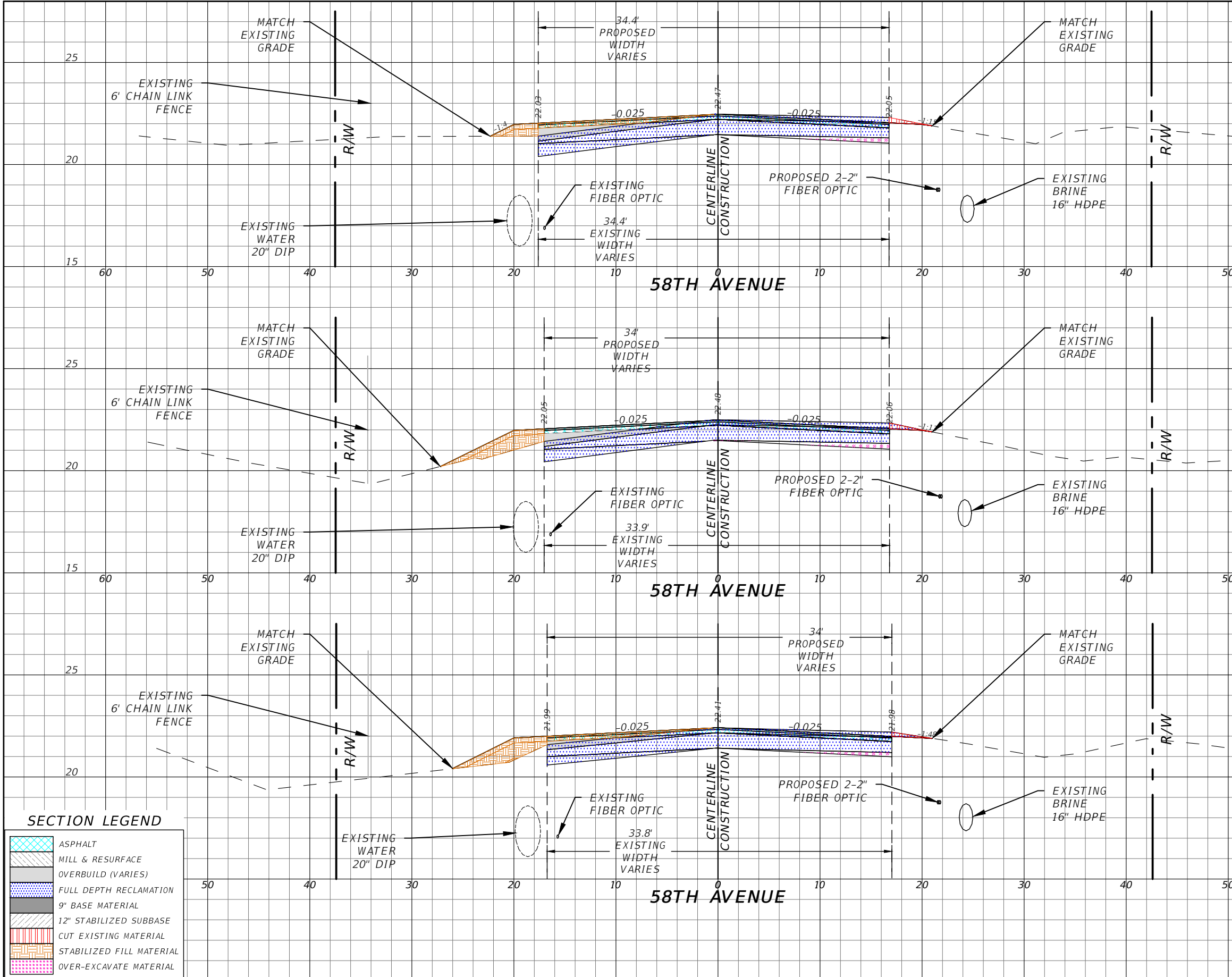
520+00.00

Material(s) at Station 519+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	4.85F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.95F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.55F
Fill Proposed	5.95F
Over Excavate	2.65F

519+00.00

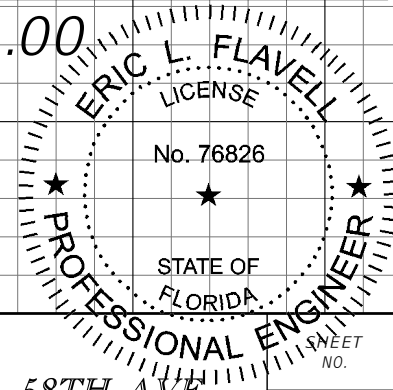
Material(s) at Station 518+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	3.45F
Reclaimed Reclamation	8.95F
Full Depth Reclamation	25.35F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.45F
Fill Proposed	8.85F
Over Excavate	1.75F

518+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

SHEET NO. 140

FOR BIDDING PURPOSES ONLY

Material(s) at Station 523+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	1.95F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.85F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.35F
Fill Proposed	0.75F
Over Excavate	1.65F

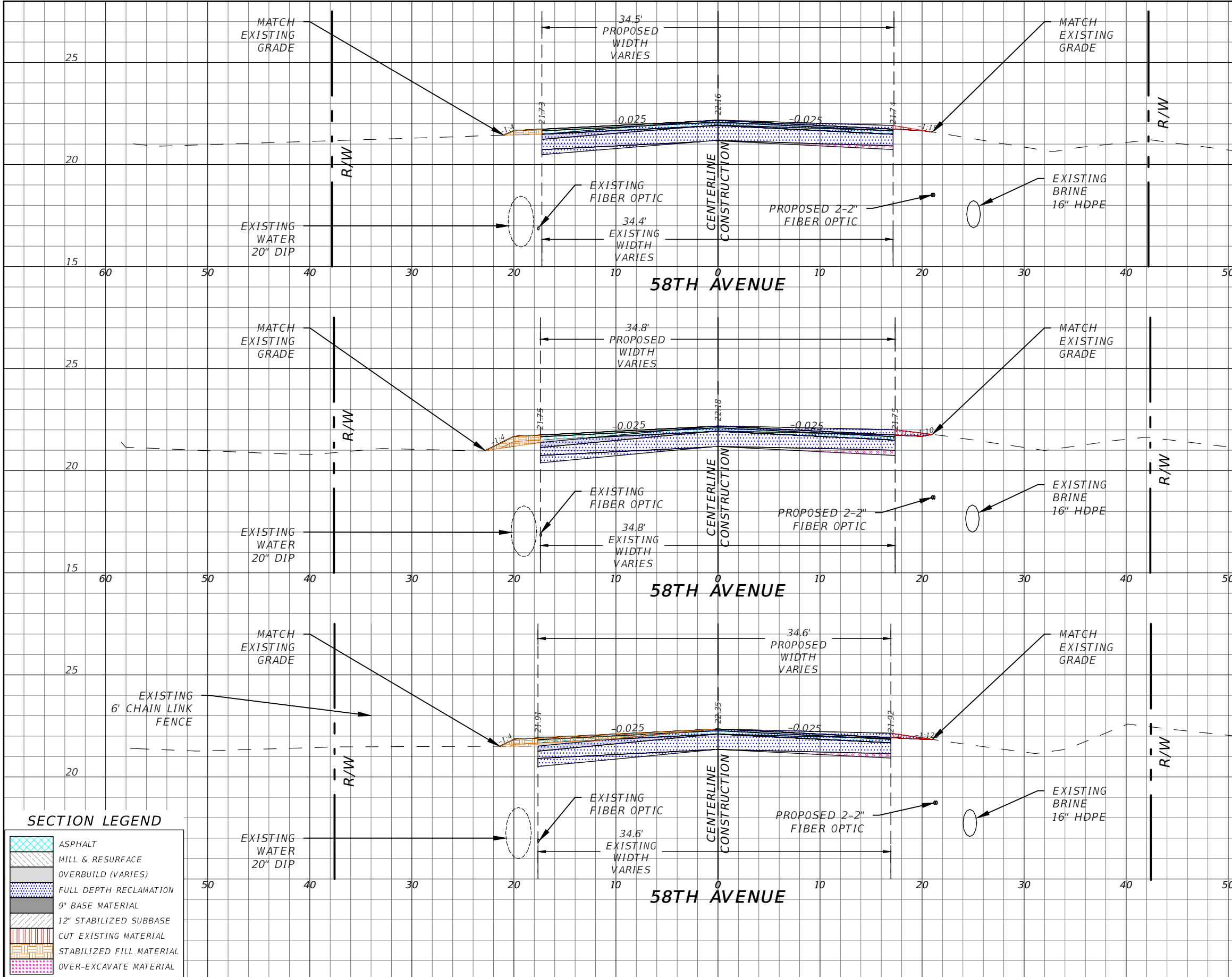
523+00.00

Material(s) at Station 522+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	3.05F
Reclaimed Reclamation	8.75F
Full Depth Reclamation	26.75F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.65F
Fill Proposed	1.85F
Over Excavate	2.45F

522+00.00

Material(s) at Station 521+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	3.45F
Reclaimed Reclamation	9.15F
Full Depth Reclamation	25.95F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.55F
Fill Proposed	4.15F
Over Excavate	1.85F

521+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

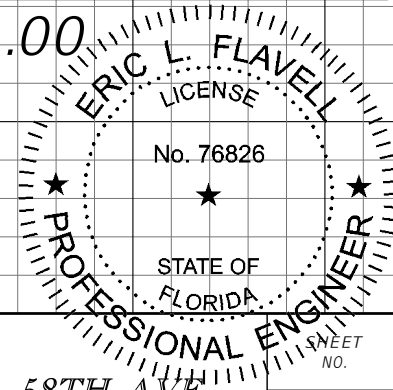
DATE	DESCRIPTION	DATE	DESCRIPTION
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INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

141



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 526+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	4.55F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.95F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	1.65F
Over Excavate	0.05F

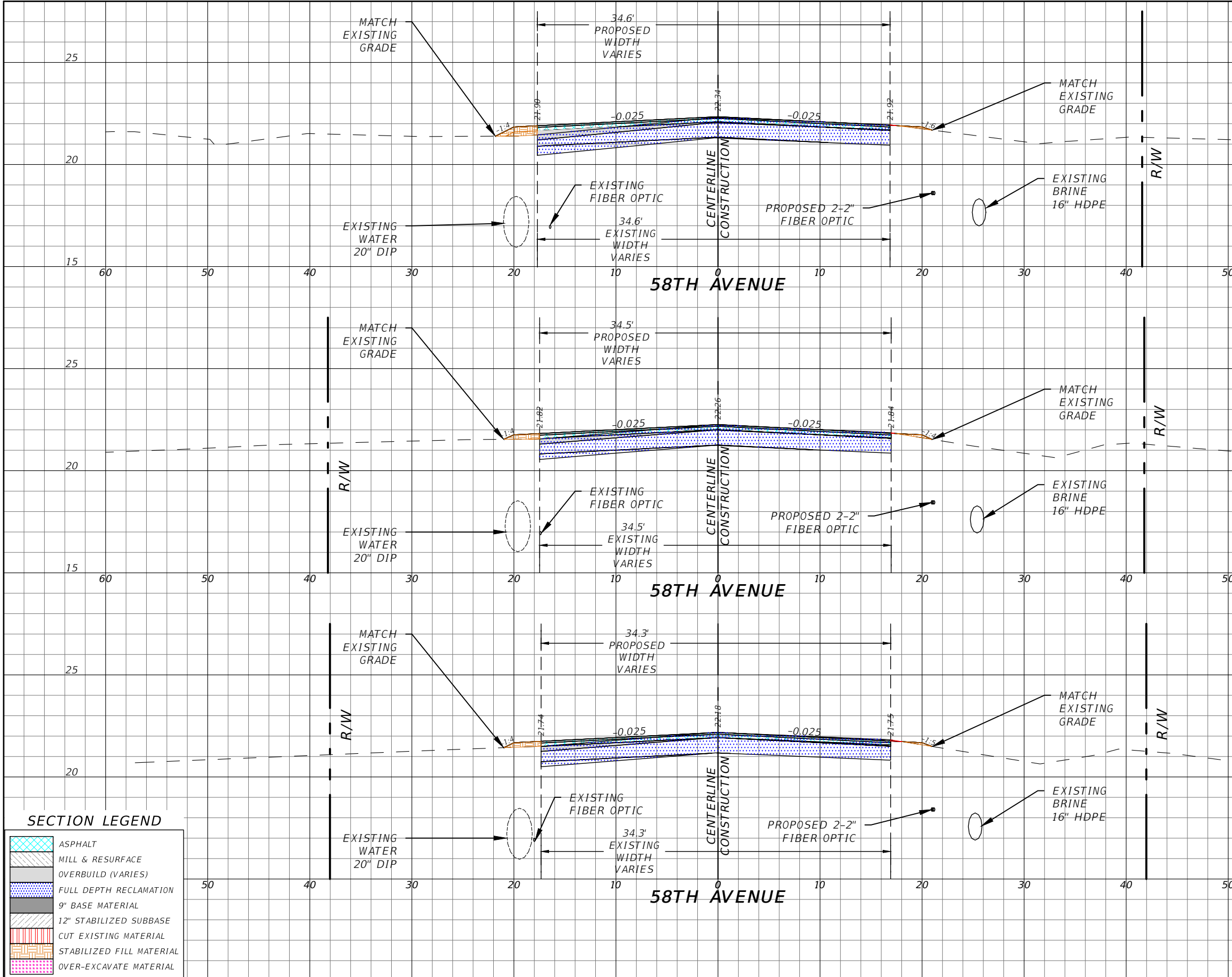
526+00.00

Material(s) at Station 525+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	2.55F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.85F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	1.05F
Over Excavate	0.05F

525+00.00

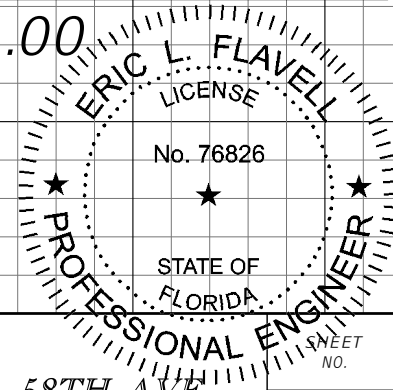
Material(s) at Station 524+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	2.15F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.75F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.95F
Over Excavate	0.05F

524+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS		DESCRIPTION		INDIAN RIVER COUNTY		FINANCIAL PROJECT ID		CROSS SECTIONS - 58TH AVE	SHEET NO. 142
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	INDIAN RIVER	FD01:436416-1-54-01		
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FOR BIDDING PURPOSES ONLY

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. CR-613
58th AVE
COUNTY INDIAN RIVER
FINANCIAL PROJECT ID
IRC: 1325
FD01:436416-1-54-01

Material(s) at Station 529+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	3.65F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.15F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.25F
Fill Proposed	2.05F
Over Excavate	1.15F

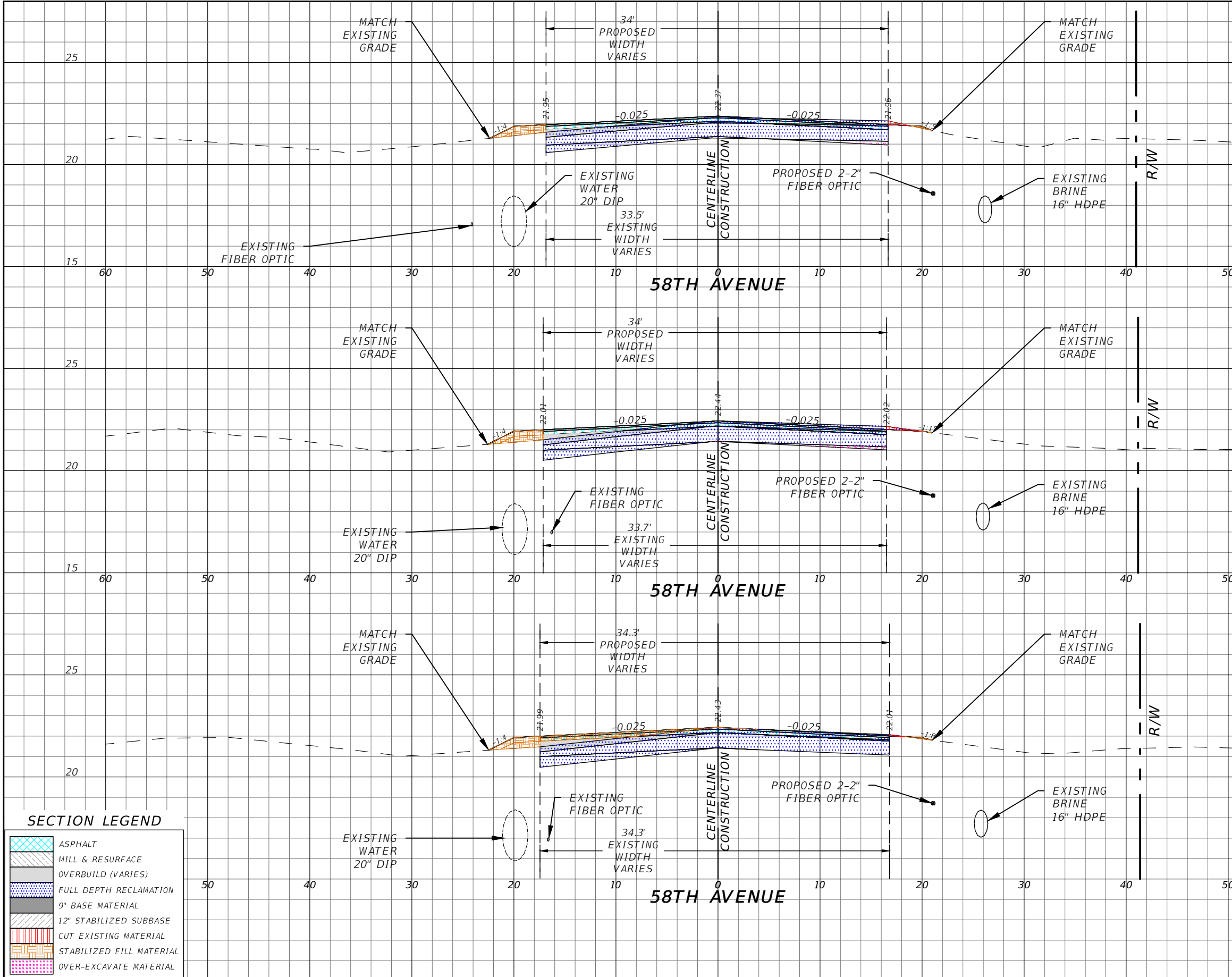
529+00.00

Material(s) at Station 528+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	3.95F
Reclaimed Reclamation	8.75F
Full Depth Reclamation	25.25F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.35F
Fill Proposed	2.25F
Over Excavate	1.35F

528+00.00

Material(s) at Station 527+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	4.65F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.75F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	5.55F
Over Excavate	0.05F

527+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

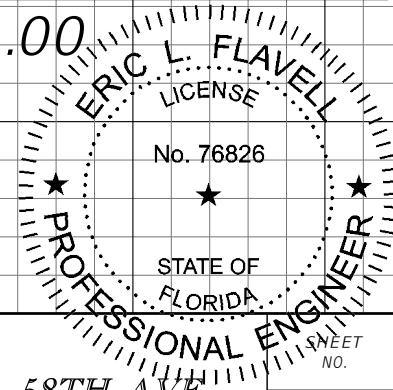
DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

143



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 531+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	3.25F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.55F
Fill Proposed	1.75F
Over Excavate	1.75F

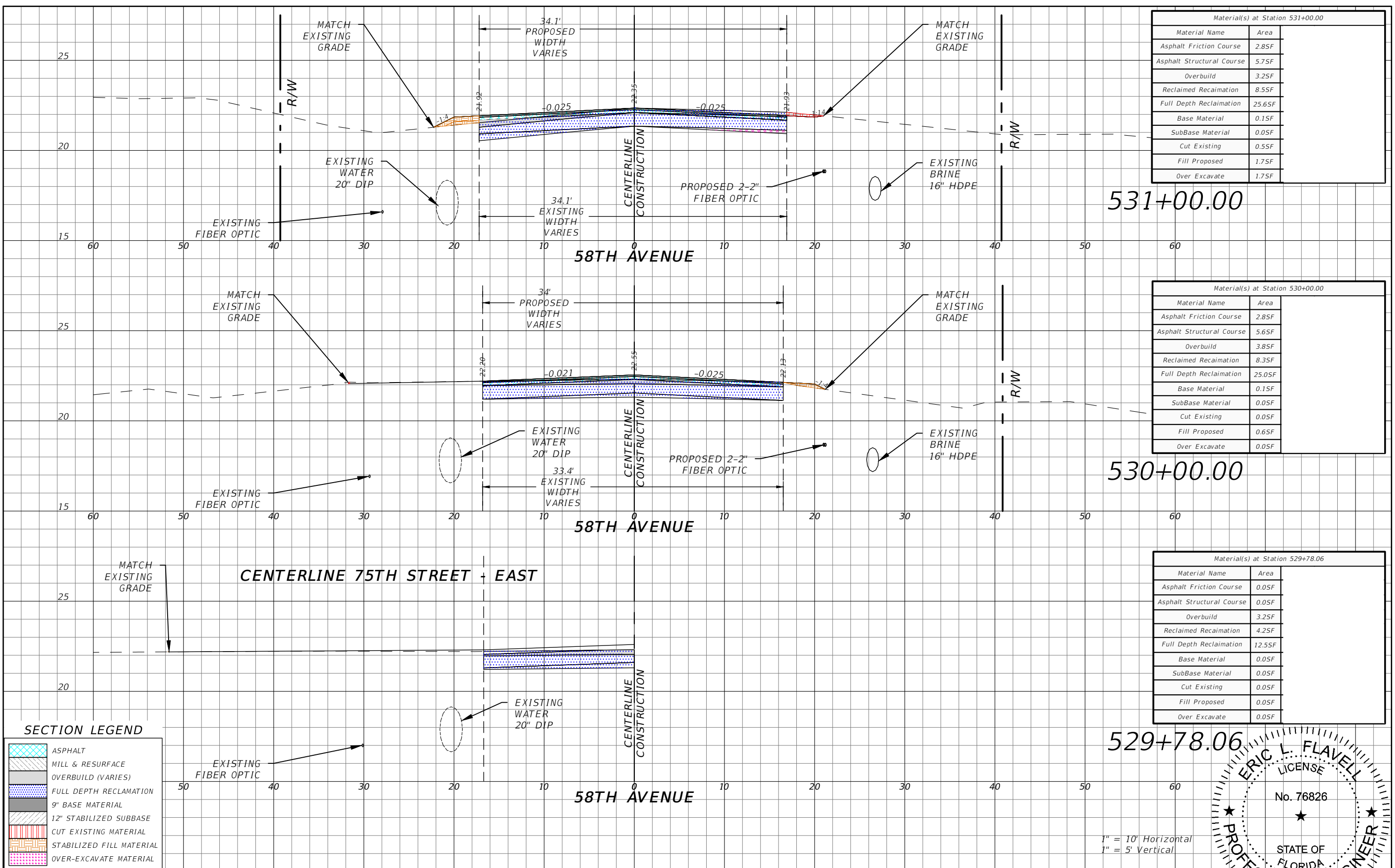
531+00.00

Material(s) at Station 530+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	3.85F
Reclaimed Reclamation	8.35F
Full Depth Reclamation	25.05F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.65F
Over Excavate	0.05F

530+00.00

Material(s) at Station 529+78.06	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	3.25F
Reclaimed Reclamation	4.25F
Full Depth Reclamation	12.55F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

529+78.06



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

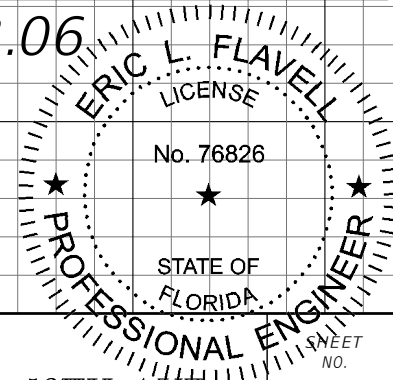
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
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4450 W. EAU GALLIE BLVD.
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CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE



FOR BIDDING PURPOSES ONLY

Material(s) at Station 534+00.00	
Material Name	Area
Asphalt Friction Course	3.25F
Asphalt Structural Course	6.55F
Overbuild	1.45F
Reclaimed Reclamation	9.65F
Full Depth Reclamation	28.95F
Base Material	0.35F
SubBase Material	0.25F
Cut Existing	0.75F
Fill Proposed	1.35F
Over Excavate	3.15F

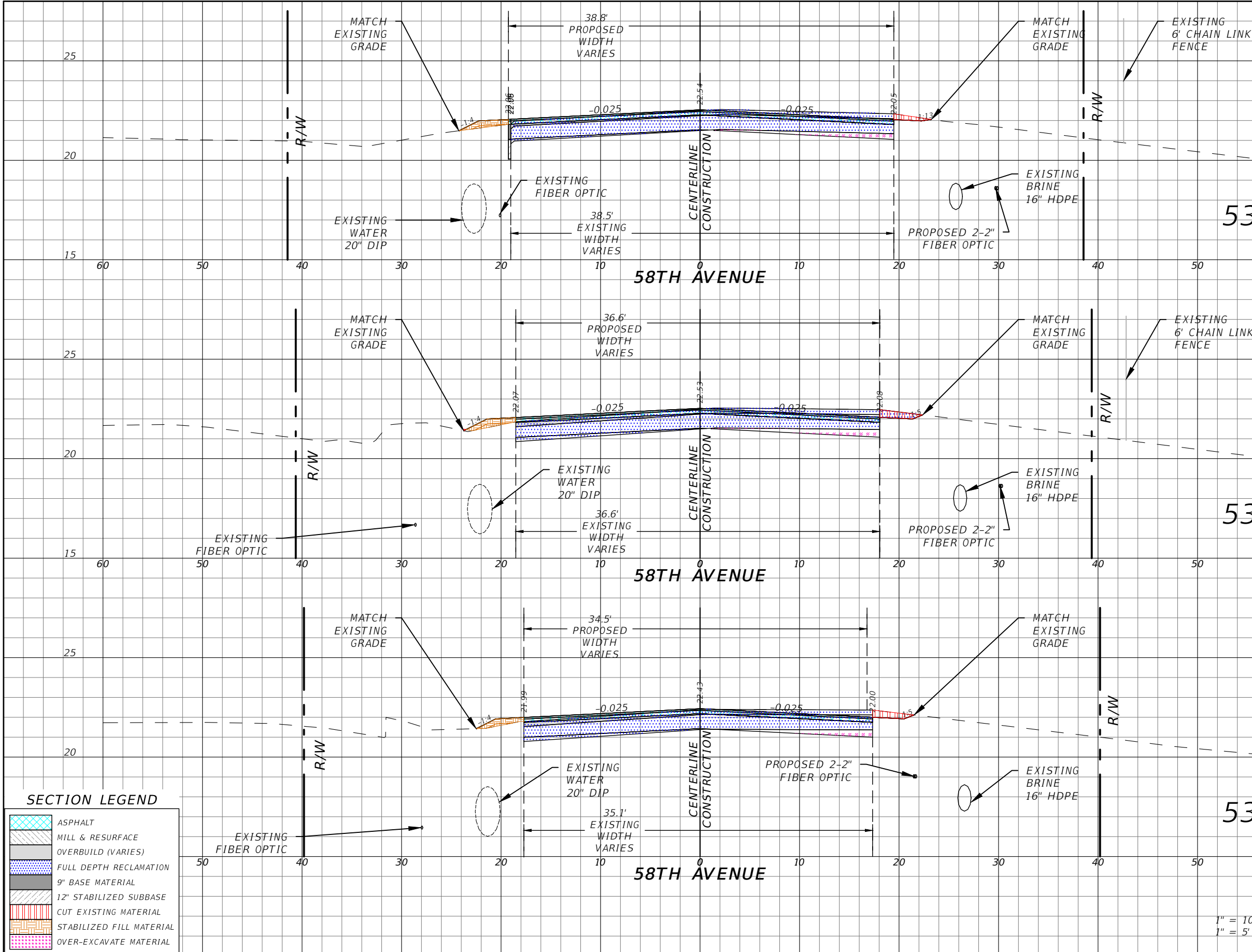
534+00.00

Material(s) at Station 533+00.00	
Material Name	Area
Asphalt Friction Course	3.05F
Asphalt Structural Course	6.15F
Overbuild	2.35F
Reclaimed Reclamation	9.15F
Full Depth Reclamation	28.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	1.25F
Fill Proposed	1.55F
Over Excavate	3.75F

533+00.00

Material(s) at Station 532+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	2.35F
Reclaimed Reclamation	8.85F
Full Depth Reclamation	26.35F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	1.15F
Fill Proposed	1.25F
Over Excavate	2.95F

532+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

FOR BID PURPOSES ONLY

ERIC L. FLAVELL, P.E.
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CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION

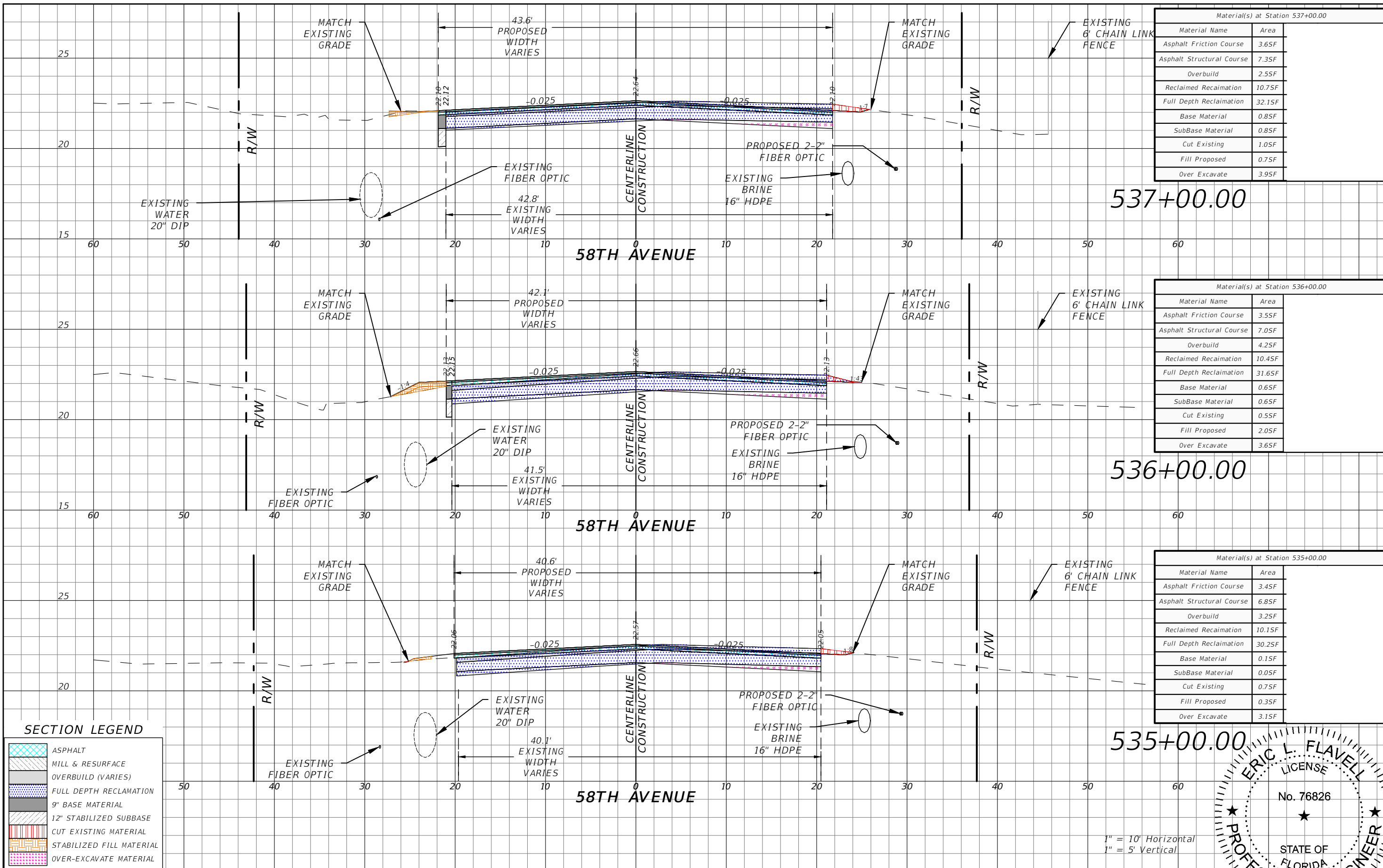
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR-613	INDIAN RIVER	IRC: 1325
58th AVE		FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET NO. 145



Material(s) at Station 537+00.00	
Material Name	Area
Asphalt Friction Course	3.65F
Asphalt Structural Course	7.35F
Overbuild	2.55F
Reclaimed Reclamation	10.75F
Full Depth Reclamation	32.15F
Base Material	0.85F
SubBase Material	0.85F
Cut Existing	1.05F
Fill Proposed	0.75F
Over Excavate	3.95F

Material(s) at Station 536+00.00	
Material Name	Area
Asphalt Friction Course	3.55F
Asphalt Structural Course	7.05F
Overbuild	4.25F
Reclaimed Reclamation	10.45F
Full Depth Reclamation	31.65F
Base Material	0.65F
SubBase Material	0.65F
Cut Existing	0.55F
Fill Proposed	2.05F
Over Excavate	3.65F

Material(s) at Station 535+00.00	
Material Name	Area
Asphalt Friction Course	3.45F
Asphalt Structural Course	6.85F
Overbuild	3.25F
Reclaimed Reclamation	10.15F
Full Depth Reclamation	30.25F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.75F
Fill Proposed	0.35F
Over Excavate	3.15F

SECTION LEGEND

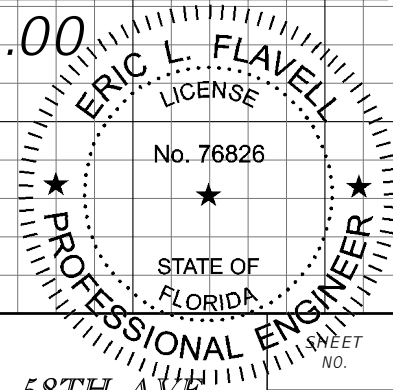
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
 P.E. LICENSE NUMBER 76826
 BOWMAN CONSULTING GROUP
 4450 W. EAU GALLIE BLVD.
 MELBOURNE, FL 32934
 CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
 DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR-613 INDIAN RIVER IRC: 1325
 58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
 SHEET NO. 146



1" = 10' Horizontal
 1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 540+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	6.65F
Reclaimed Reclamation	11.45F
Full Depth Reclamation	35.15F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.95F
Fill Proposed	0.25F
Over Excavate	3.15F

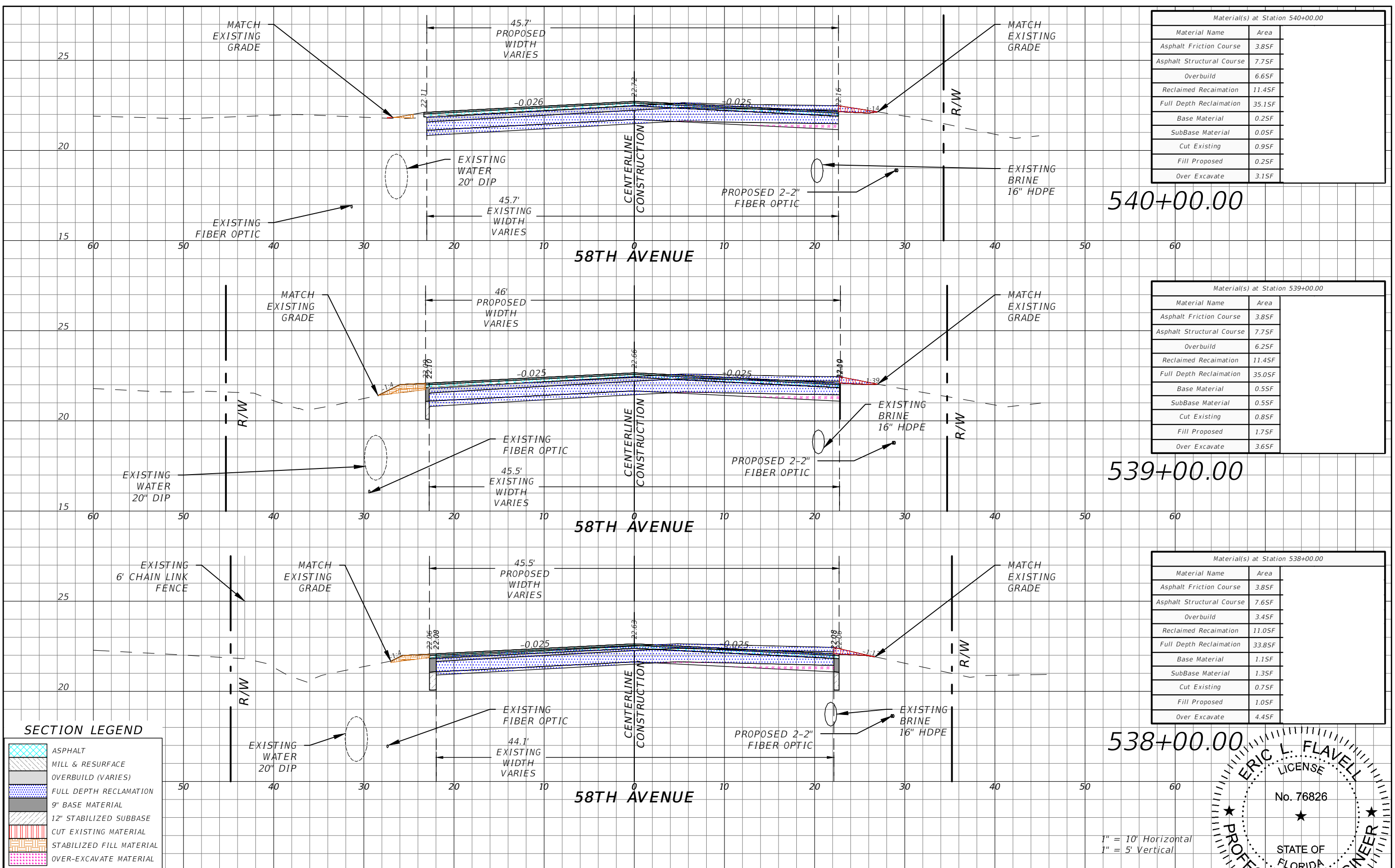
540+00.00

Material(s) at Station 539+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	6.25F
Reclaimed Reclamation	11.45F
Full Depth Reclamation	35.05F
Base Material	0.55F
SubBase Material	0.55F
Cut Existing	0.85F
Fill Proposed	1.75F
Over Excavate	3.65F

539+00.00

Material(s) at Station 538+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	3.45F
Reclaimed Reclamation	11.05F
Full Depth Reclamation	33.85F
Base Material	1.15F
SubBase Material	1.35F
Cut Existing	0.75F
Fill Proposed	1.05F
Over Excavate	4.45F

538+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET NO. 147

FOR BIDDING PURPOSES ONLY

Material(s) at Station 542+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.85F
Overbuild	4.25F
Reclaimed Reclamation	12.15F
Full Depth Reclamation	36.25F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.65F
Fill Proposed	0.25F
Over Excavate	0.35F

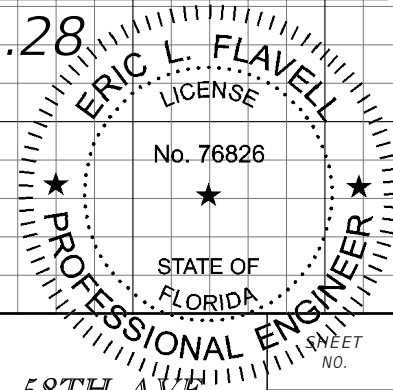
542+00.00

Material(s) at Station 541+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.85F
Overbuild	6.35F
Reclaimed Reclamation	11.55F
Full Depth Reclamation	34.65F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	4.05F
Over Excavate	0.35F

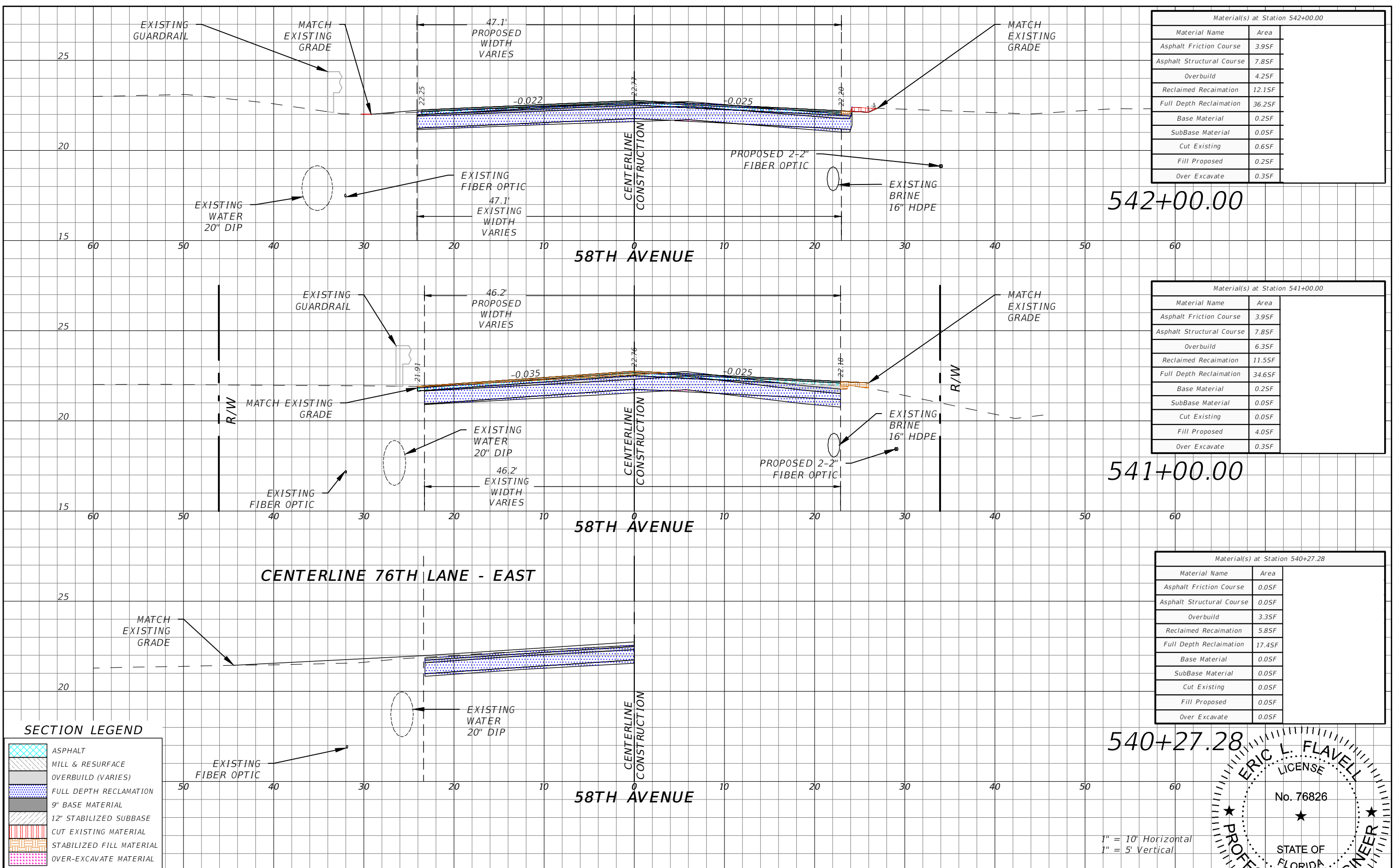
541+00.00

Material(s) at Station 540+27.28	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	3.35F
Reclaimed Reclamation	5.85F
Full Depth Reclamation	17.45F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

540+27.28



1" = 10' Horizontal
1" = 5' Vertical



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
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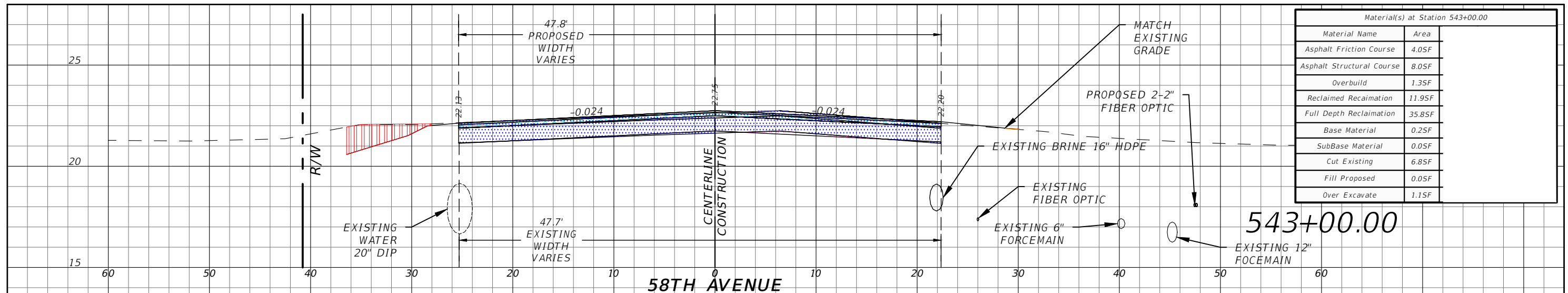
ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

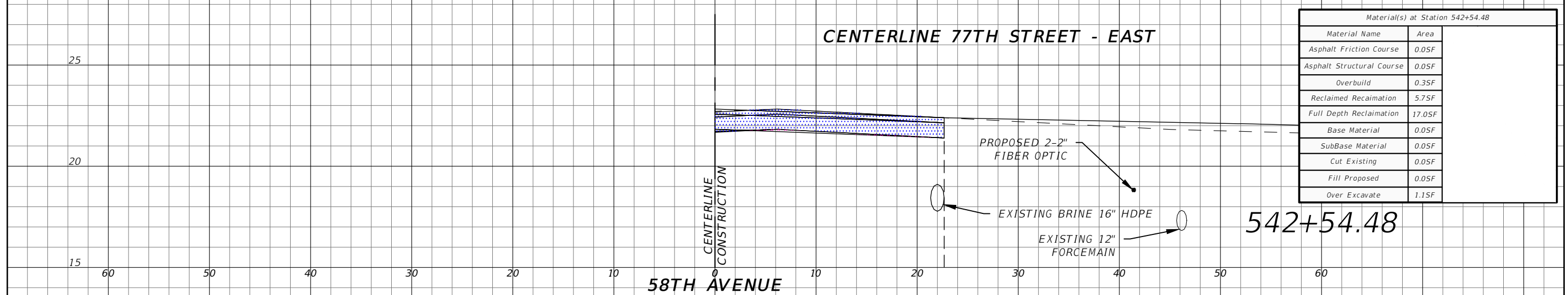
CROSS SECTIONS - 58TH AVE

SHEET NO.
148

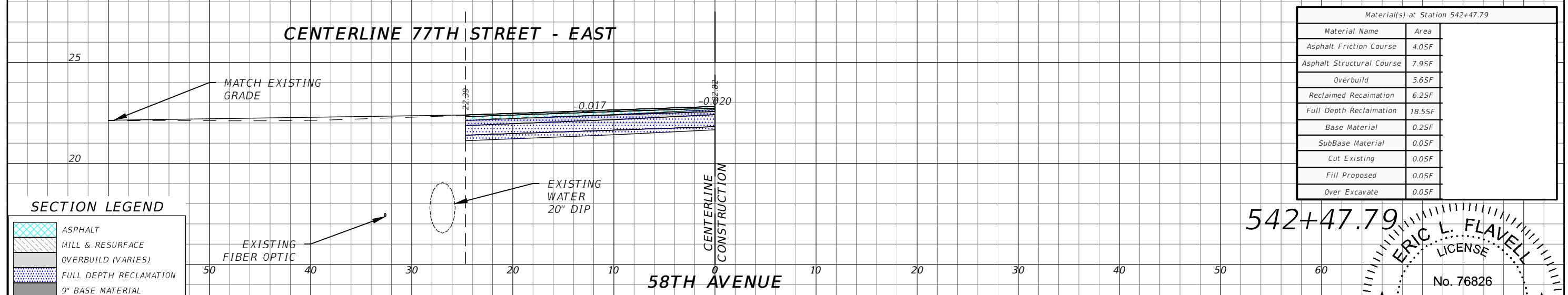
FOR BIDDING PURPOSES ONLY



Material(s) at Station 543+00.00	
Material Name	Area
Asphalt Friction Course	4.05F
Asphalt Structural Course	8.05F
Overbuild	1.35F
Reclaimed Reclamation	11.95F
Full Depth Reclamation	35.85F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	6.85F
Fill Proposed	0.05F
Over Excavate	1.15F



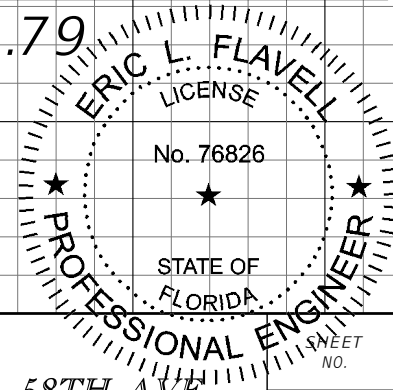
Material(s) at Station 542+54.48	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	0.35F
Reclaimed Reclamation	5.75F
Full Depth Reclamation	17.05F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	1.15F



Material(s) at Station 542+47.79	
Material Name	Area
Asphalt Friction Course	4.05F
Asphalt Structural Course	7.95F
Overbuild	5.65F
Reclaimed Reclamation	6.25F
Full Depth Reclamation	18.55F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

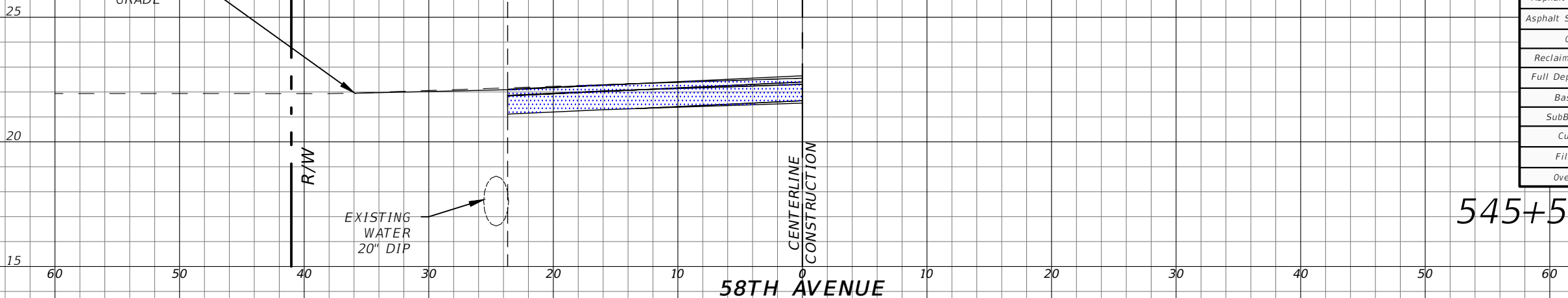
INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

FOR BIDDING PURPOSES ONLY

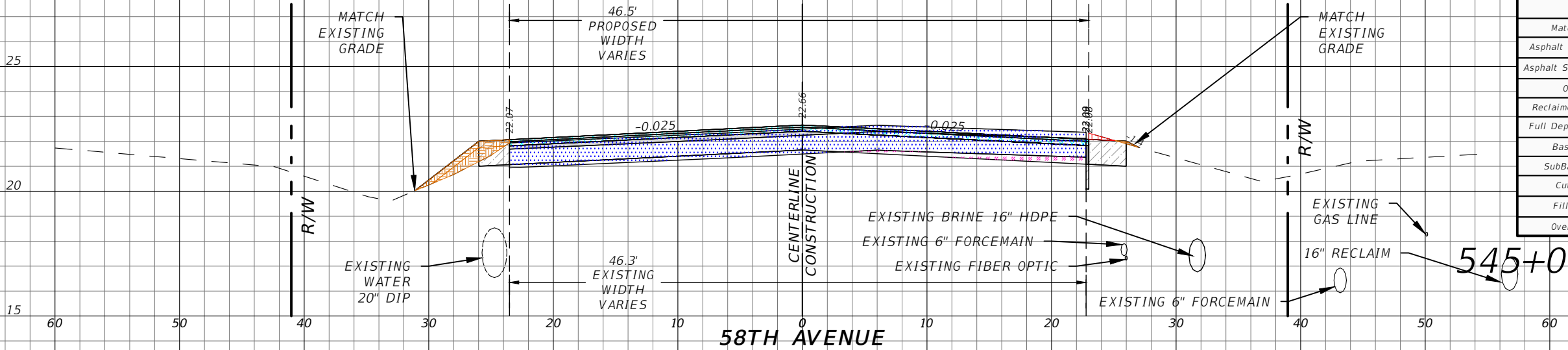
MATCH EXISTING GRADE

CENTERLINE DRIVEWAY - EAST



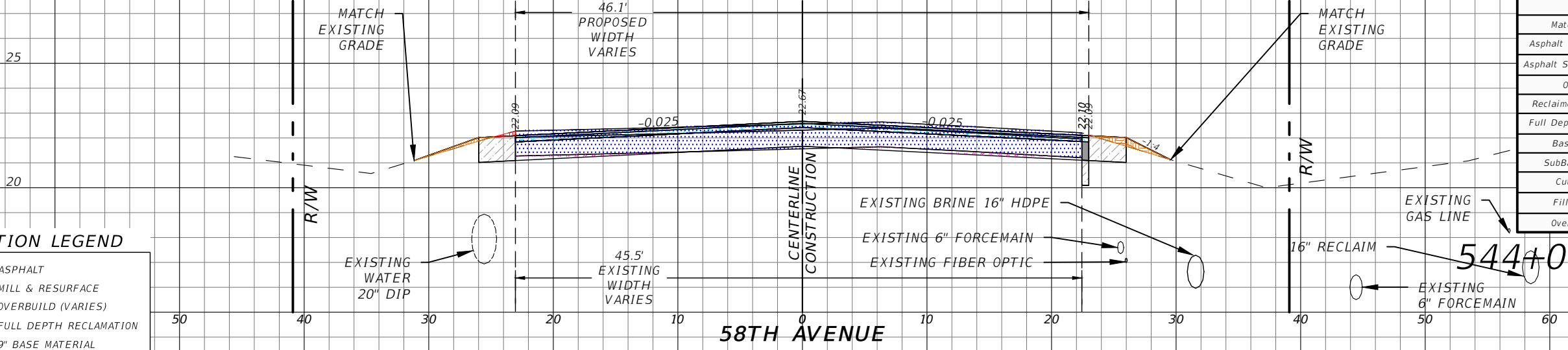
Material(s) at Station 545+56.44	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	0.65F
Reclaimed Reclamation	5.95F
Full Depth Reclamation	17.75F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

MATCH EXISTING GRADE



Material(s) at Station 545+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.85F
Overbuild	3.85F
Reclaimed Reclamation	11.65F
Full Depth Reclamation	34.75F
Base Material	0.35F
SubBase Material	5.75F
Cut Existing	0.35F
Fill Proposed	3.65F
Over Excavate	3.75F

MATCH EXISTING GRADE



Material(s) at Station 544+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	0.65F
Reclaimed Reclamation	11.45F
Full Depth Reclamation	34.15F
Base Material	0.65F
SubBase Material	6.55F
Cut Existing	0.25F
Fill Proposed	1.65F
Over Excavate	3.55F

SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

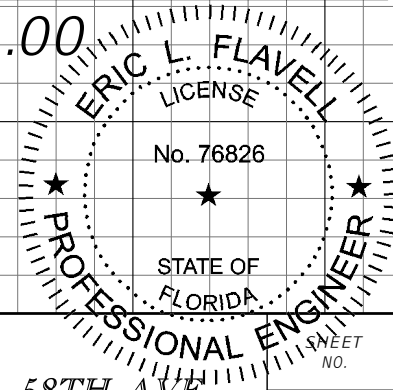
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
 P.E. LICENSE NUMBER 76826
 BOWMAN CONSULTING GROUP
 4450 W. EAU GALLIE BLVD.
 MELBOURNE, FL 32934
 CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
 DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR-613 INDIAN RIVER IRC: 1325
 58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

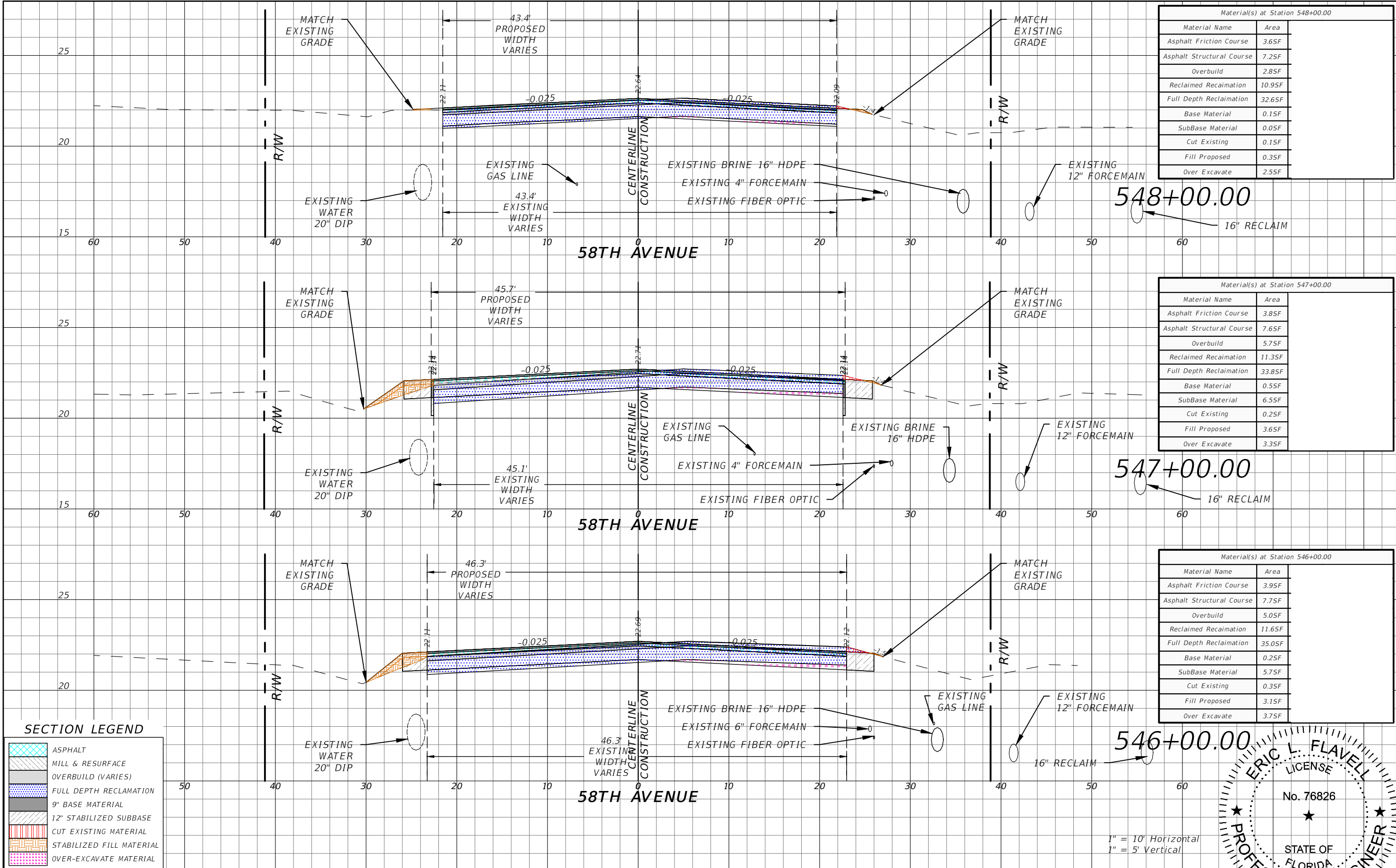


FOR BIDDING PURPOSES ONLY

Material(s) at Station 548+00.00	
Material Name	Area
Asphalt Friction Course	3.65F
Asphalt Structural Course	7.25F
Overbuild	2.85F
Reclaimed Reclamation	10.95F
Full Depth Reclamation	32.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.15F
Fill Proposed	0.35F
Over Excavate	2.55F

Material(s) at Station 547+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	5.75F
Reclaimed Reclamation	11.35F
Full Depth Reclamation	33.85F
Base Material	0.55F
SubBase Material	6.55F
Cut Existing	0.25F
Fill Proposed	3.65F
Over Excavate	3.35F

Material(s) at Station 546+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.75F
Overbuild	5.05F
Reclaimed Reclamation	11.65F
Full Depth Reclamation	35.05F
Base Material	0.25F
SubBase Material	5.75F
Cut Existing	0.35F
Fill Proposed	3.15F
Over Excavate	3.75F



SECTION LEGEND

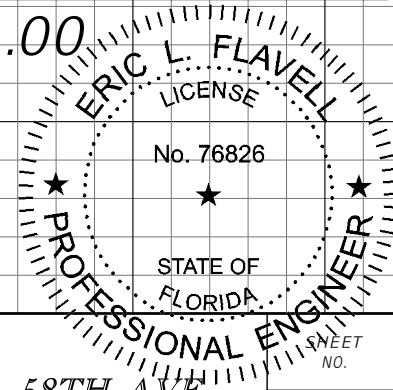
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9\"/>
	12\"/>
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
151



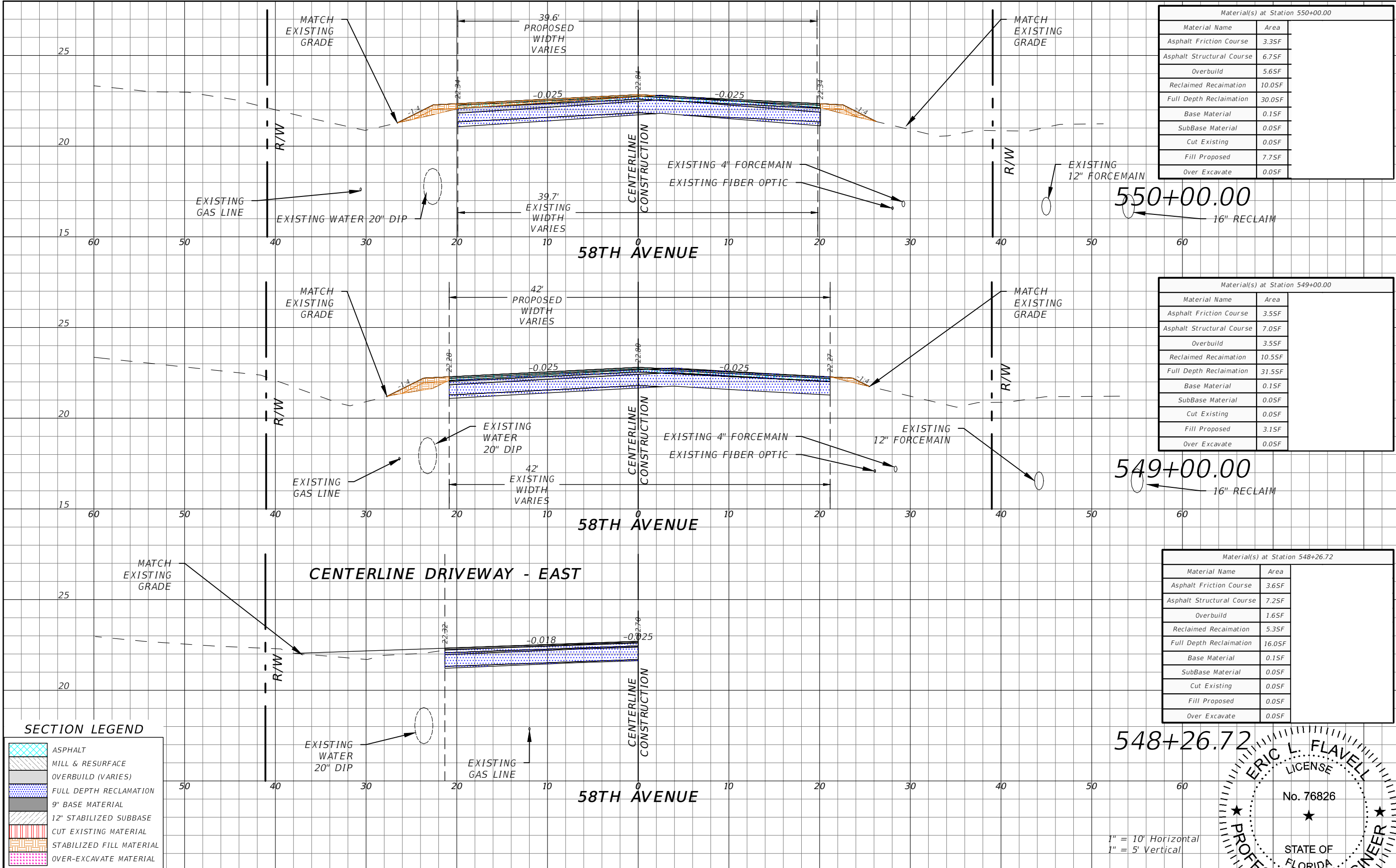
1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 550+00.00	
Material Name	Area
Asphalt Friction Course	3.35F
Asphalt Structural Course	6.75F
Overbuild	5.65F
Reclaimed Reclamation	10.05F
Full Depth Reclamation	30.05F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	7.75F
Over Excavate	0.05F

Material(s) at Station 549+00.00	
Material Name	Area
Asphalt Friction Course	3.55F
Asphalt Structural Course	7.05F
Overbuild	3.55F
Reclaimed Reclamation	10.55F
Full Depth Reclamation	31.55F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	3.15F
Over Excavate	0.05F

Material(s) at Station 548+26.72	
Material Name	Area
Asphalt Friction Course	3.65F
Asphalt Structural Course	7.25F
Overbuild	1.65F
Reclaimed Reclamation	5.35F
Full Depth Reclamation	16.05F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

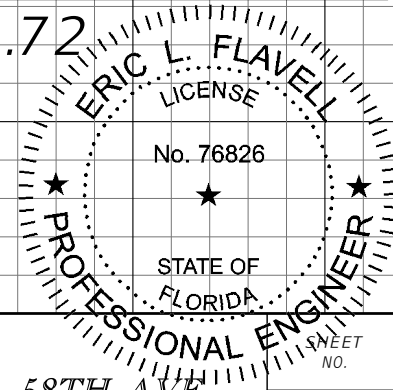
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

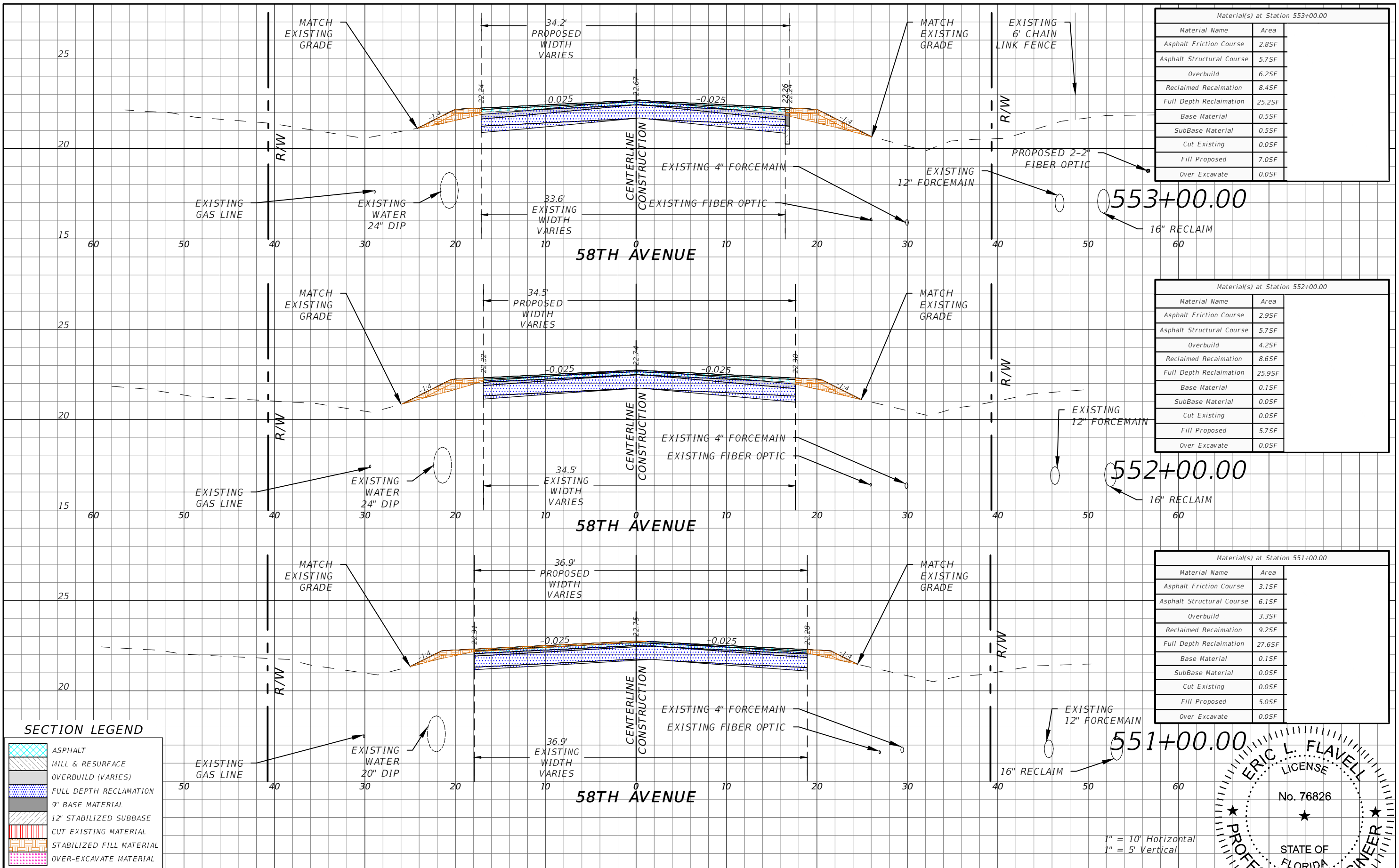
INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 152



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY



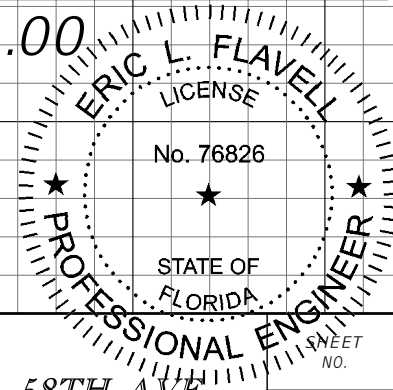
Material(s) at Station 553+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	6.25F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.25F
Base Material	0.55F
SubBase Material	0.55F
Cut Existing	0.05F
Fill Proposed	7.05F
Over Excavate	0.05F

Material(s) at Station 552+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	4.25F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.95F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	5.75F
Over Excavate	0.05F

Material(s) at Station 551+00.00	
Material Name	Area
Asphalt Friction Course	3.15F
Asphalt Structural Course	6.15F
Overbuild	3.35F
Reclaimed Reclamation	9.25F
Full Depth Reclamation	27.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	5.05F
Over Excavate	0.05F

SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



REVISIONS	
DATE	DESCRIPTION
---	---

ERIC L. FLAVELL, P.E.
 P.E. LICENSE NUMBER 76826
 BOWMAN CONSULTING GROUP
 4450 W. EAU GALLIE BLVD.
 MELBOURNE, FL 32934
 CERTIFICATE OF AUTHORIZATION 30462

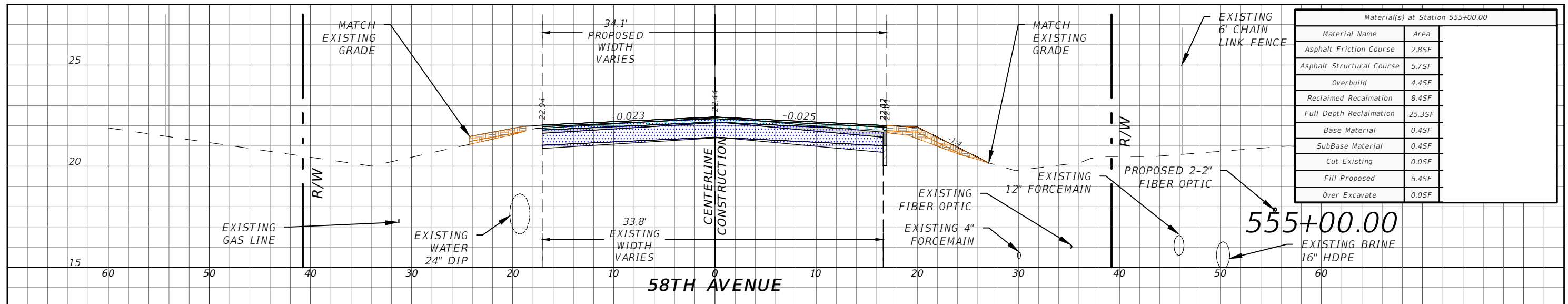
INDIAN RIVER COUNTY
 DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR-613 INDIAN RIVER IRC: 1325
 58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

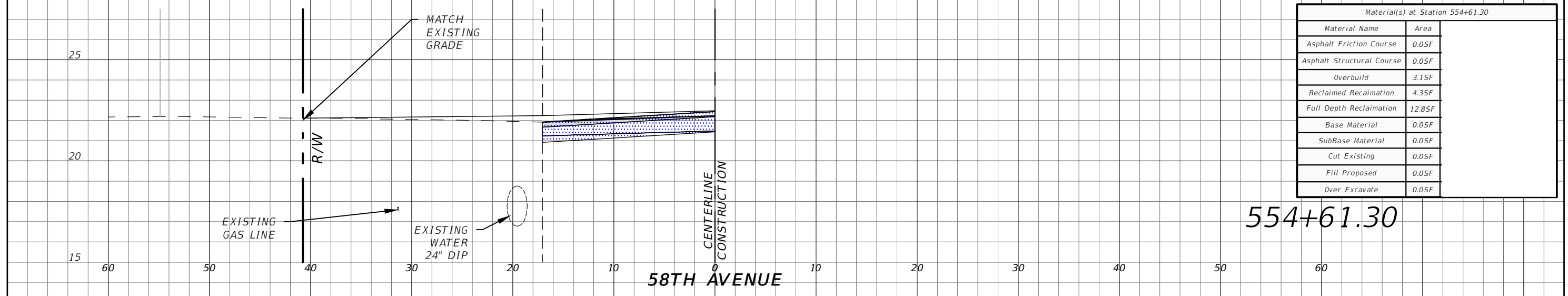
1" = 10' Horizontal
 1" = 5' Vertical

SHEET NO. 153

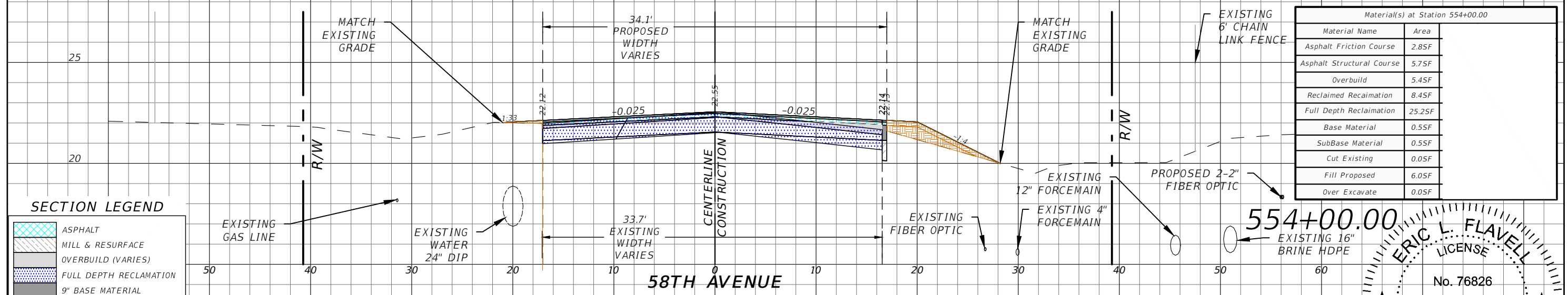
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Material(s) at Station 555+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	4.45F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.35F
Base Material	0.45F
SubBase Material	0.45F
Cut Existing	0.05F
Fill Proposed	5.45F
Over Excavate	0.05F



Material(s) at Station 554+61.30	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	3.15F
Reclaimed Reclamation	4.35F
Full Depth Reclamation	12.85F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F



Material(s) at Station 554+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.75F
Overbuild	5.45F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.25F
Base Material	0.55F
SubBase Material	0.55F
Cut Existing	0.05F
Fill Proposed	6.05F
Over Excavate	0.05F

SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
---	---

ERIC L. FLAVELL, P.E.
 P.E. LICENSE NUMBER 76826
 BOWMAN CONSULTING GROUP
 4450 W. EAU GALLIE BLVD.
 MELBOURNE, FL 32934
 CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
 DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR-613 INDIAN RIVER IRC: 1325
 58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
 1" = 5' Vertical

ERIC L. FLAVELL
 LICENSE
 No. 76826
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

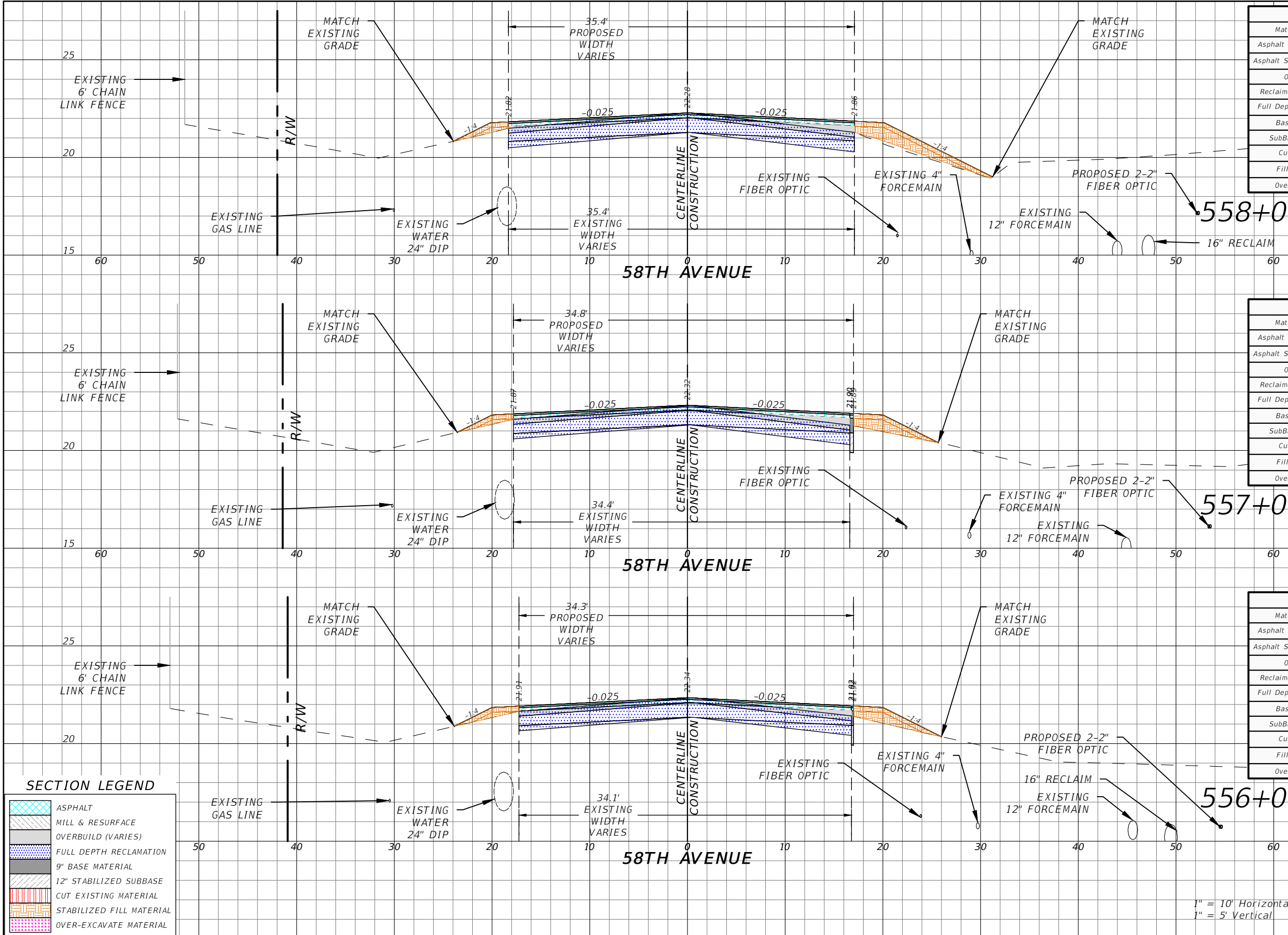
SHEET NO. 154

FOR BIDDING PURPOSES ONLY

Material(s) at Station 558+00.00	
Material Name	Area
Asphalt Friction Course	3.05F
Asphalt Structural Course	5.95F
Overbuild	7.75F
Reclaimed Reclamation	8.95F
Full Depth Reclamation	26.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	9.85F
Over Excavate	0.05F

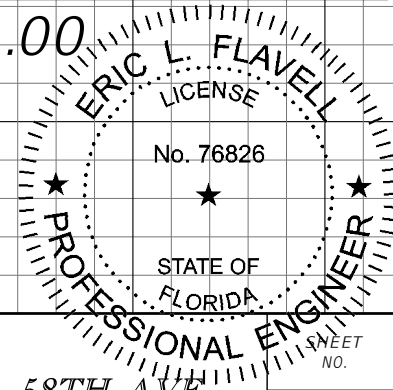
Material(s) at Station 557+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	7.65F
Reclaimed Reclamation	8.65F
Full Depth Reclamation	25.85F
Base Material	0.45F
SubBase Material	0.45F
Cut Existing	0.05F
Fill Proposed	6.35F
Over Excavate	0.05F

Material(s) at Station 556+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.75F
Overbuild	6.55F
Reclaimed Reclamation	8.55F
Full Depth Reclamation	25.55F
Base Material	0.35F
SubBase Material	0.25F
Cut Existing	0.05F
Fill Proposed	6.55F
Over Excavate	0.05F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

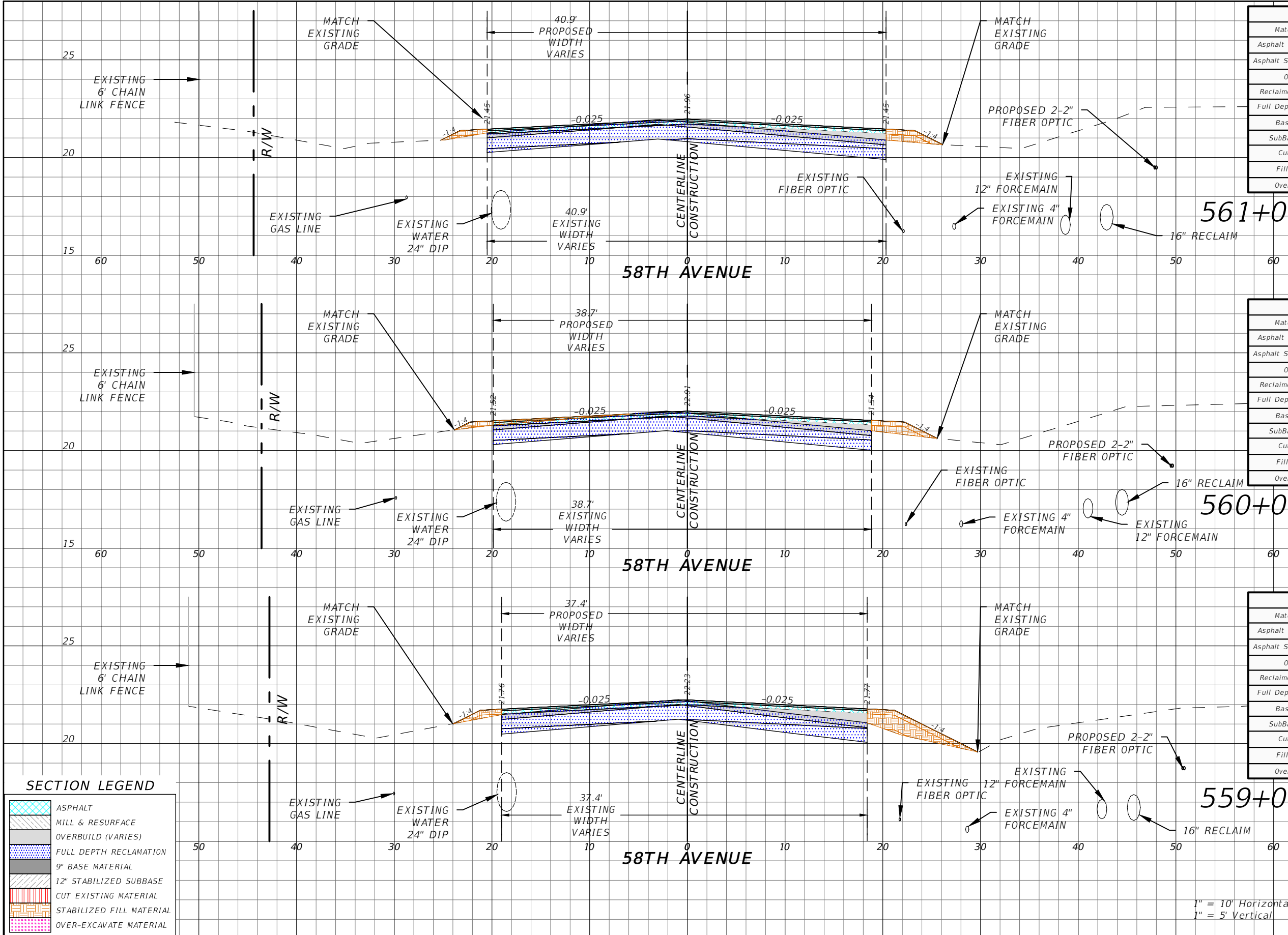
SHEET NO. 155

FOR BIDDING PURPOSES ONLY

Material(s) at Station 561+00.00	
Material Name	Area
Asphalt Friction Course	3.45F
Asphalt Structural Course	6.85F
Overbuild	8.65F
Reclaimed Reclamation	10.25F
Full Depth Reclamation	30.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	3.75F
Over Excavate	0.05F

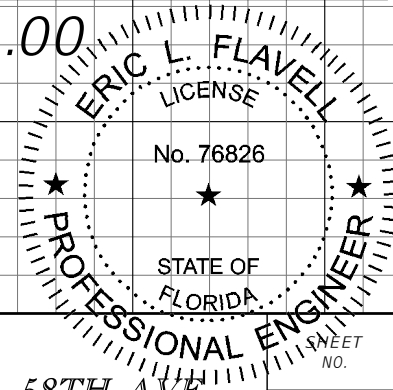
Material(s) at Station 560+00.00	
Material Name	Area
Asphalt Friction Course	3.25F
Asphalt Structural Course	6.55F
Overbuild	7.55F
Reclaimed Reclamation	9.75F
Full Depth Reclamation	29.05F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	5.45F
Over Excavate	0.05F

Material(s) at Station 559+00.00	
Material Name	Area
Asphalt Friction Course	3.15F
Asphalt Structural Course	6.25F
Overbuild	9.25F
Reclaimed Reclamation	9.45F
Full Depth Reclamation	28.15F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	8.95F
Over Excavate	0.05F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

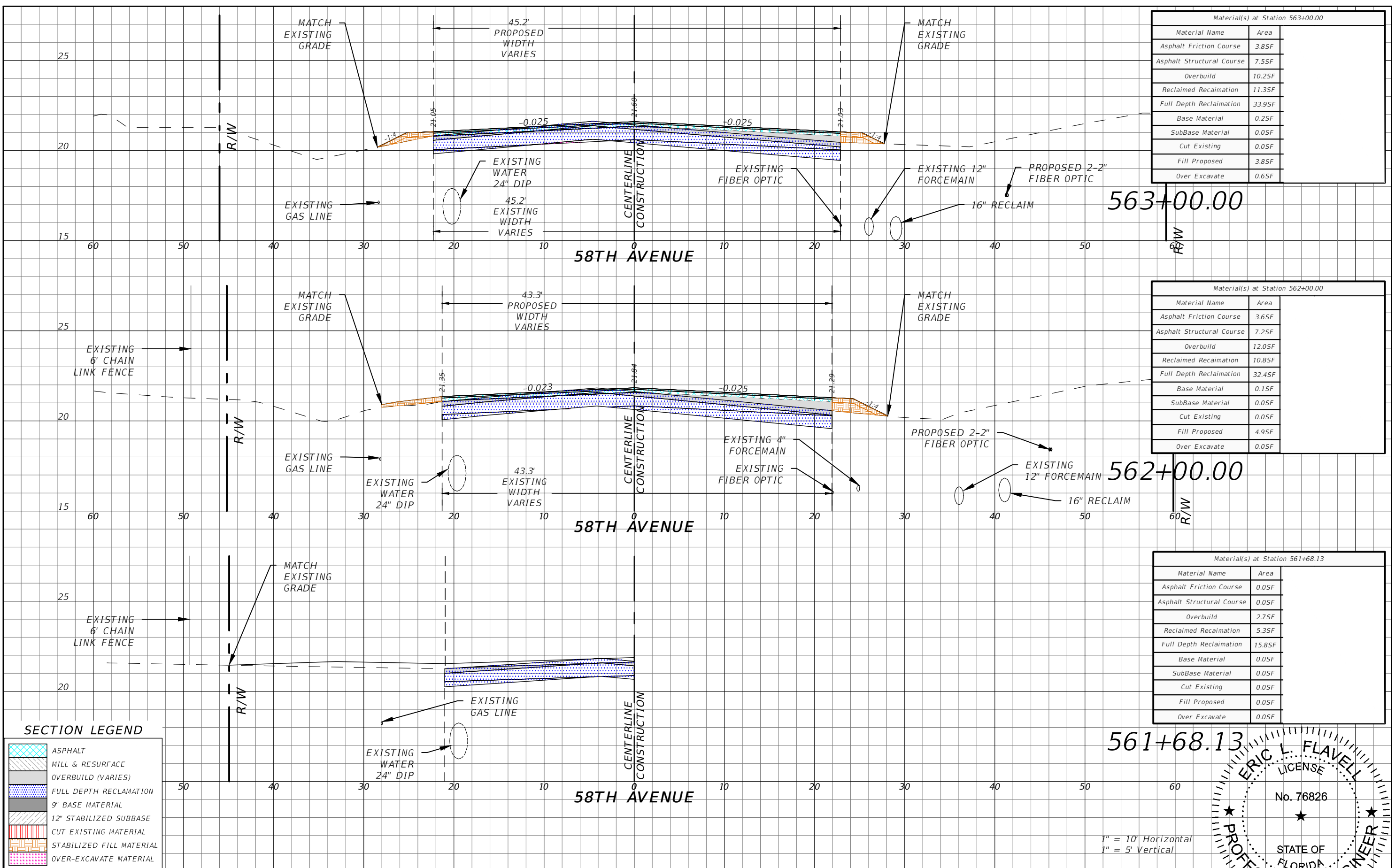
INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

Material(s) at Station 563+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.55F
Overbuild	10.25F
Reclaimed Reclamation	11.35F
Full Depth Reclamation	33.95F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	3.85F
Over Excavate	0.65F

Material(s) at Station 562+00.00	
Material Name	Area
Asphalt Friction Course	3.65F
Asphalt Structural Course	7.25F
Overbuild	12.05F
Reclaimed Reclamation	10.85F
Full Depth Reclamation	32.45F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	4.95F
Over Excavate	0.05F

Material(s) at Station 561+68.13	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	2.75F
Reclaimed Reclamation	5.35F
Full Depth Reclamation	15.85F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F



SECTION LEGEND

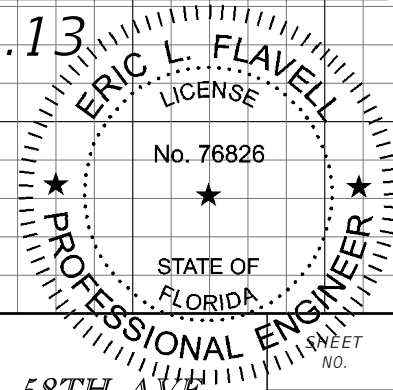
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

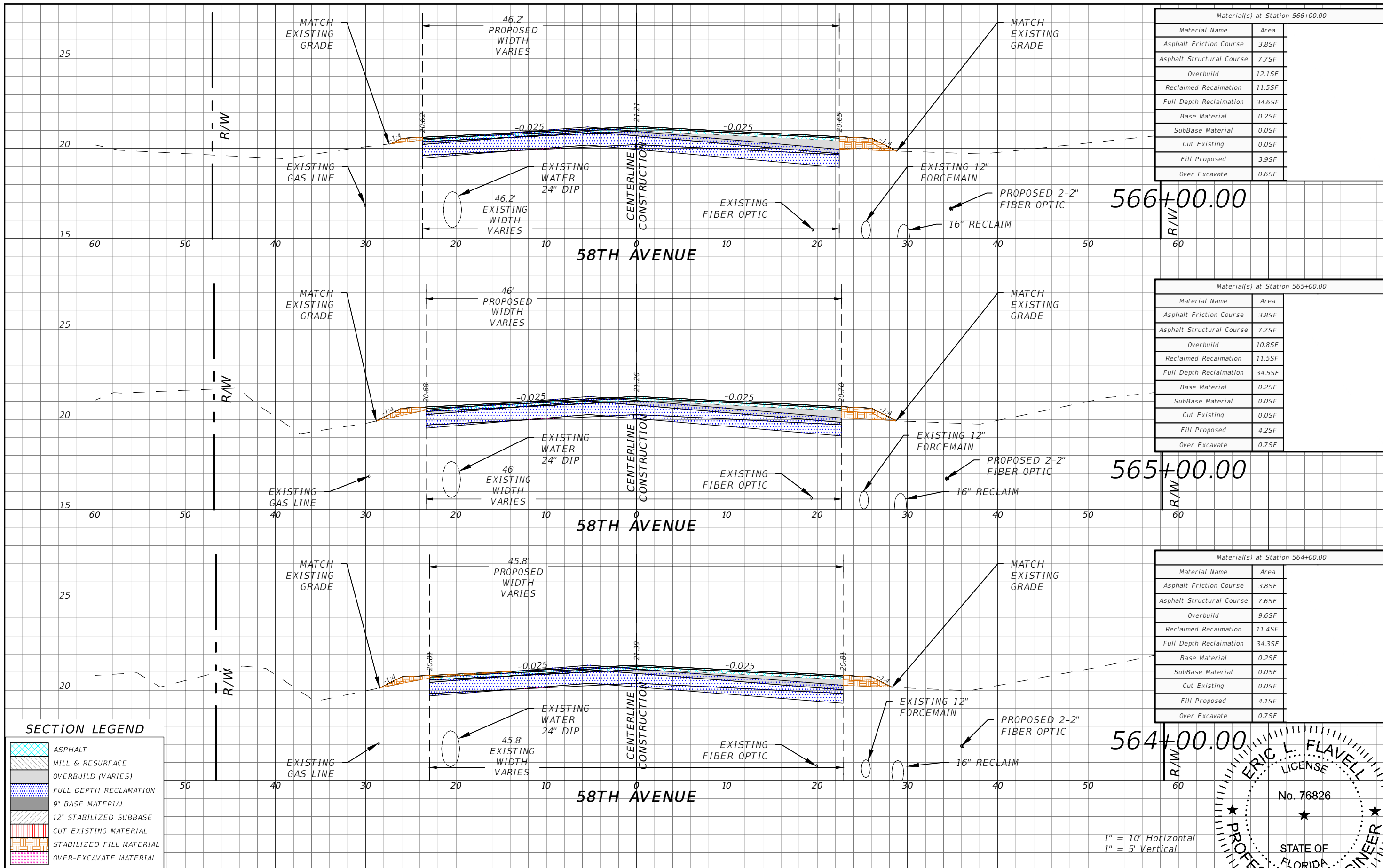
INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE
SHEET NO. 157



1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY



Material(s) at Station 566+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	12.15F
Reclaimed Reclamation	11.55F
Full Depth Reclamation	34.65F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	3.95F
Over Excavate	0.65F

Material(s) at Station 565+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	10.85F
Reclaimed Reclamation	11.55F
Full Depth Reclamation	34.55F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	4.25F
Over Excavate	0.75F

Material(s) at Station 564+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.65F
Overbuild	9.65F
Reclaimed Reclamation	11.45F
Full Depth Reclamation	34.35F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	4.15F
Over Excavate	0.75F

SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

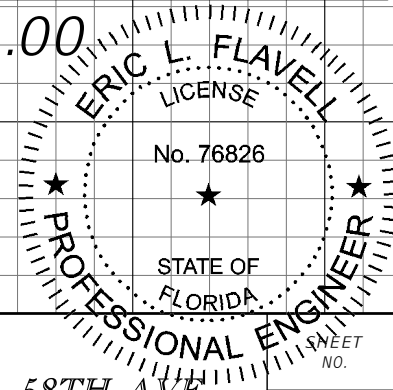
REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

158



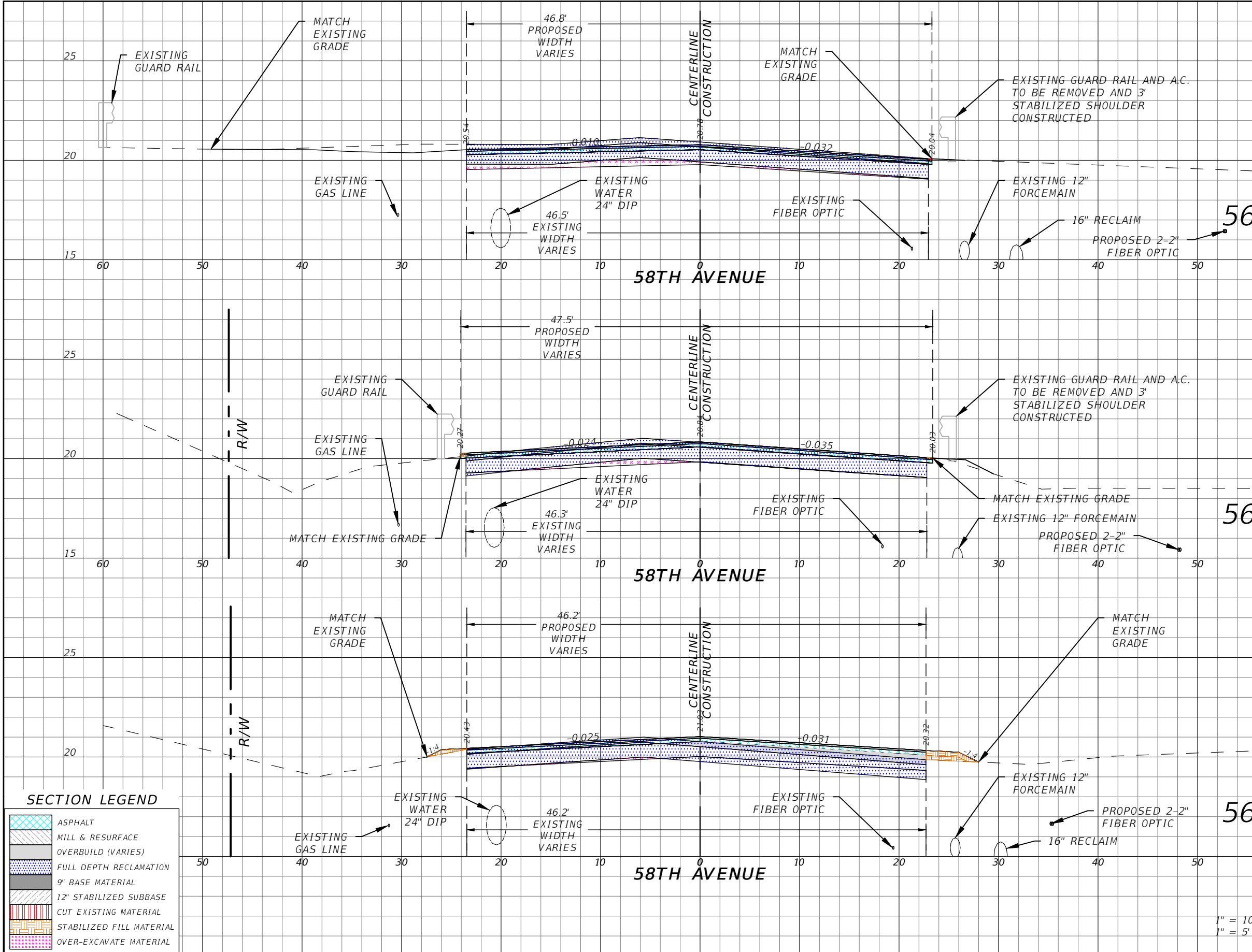
1" = 10' Horizontal
1" = 5' Vertical

FOR BIDDING PURPOSES ONLY

Material(s) at Station 569+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.85F
Overbuild	0.05F
Reclaimed Reclamation	11.65F
Full Depth Reclamation	34.85F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	8.25F

Material(s) at Station 568+00.00	
Material Name	Area
Asphalt Friction Course	4.05F
Asphalt Structural Course	7.95F
Overbuild	0.75F
Reclaimed Reclamation	11.65F
Full Depth Reclamation	34.75F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.15F
Over Excavate	2.95F

Material(s) at Station 567+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	8.75F
Reclaimed Reclamation	11.55F
Full Depth Reclamation	34.65F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	2.55F
Over Excavate	0.95F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9\"/>
	12\"/>
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

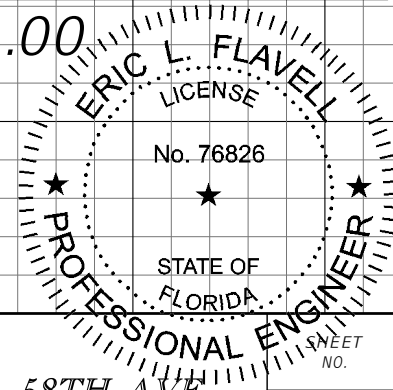
REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
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BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

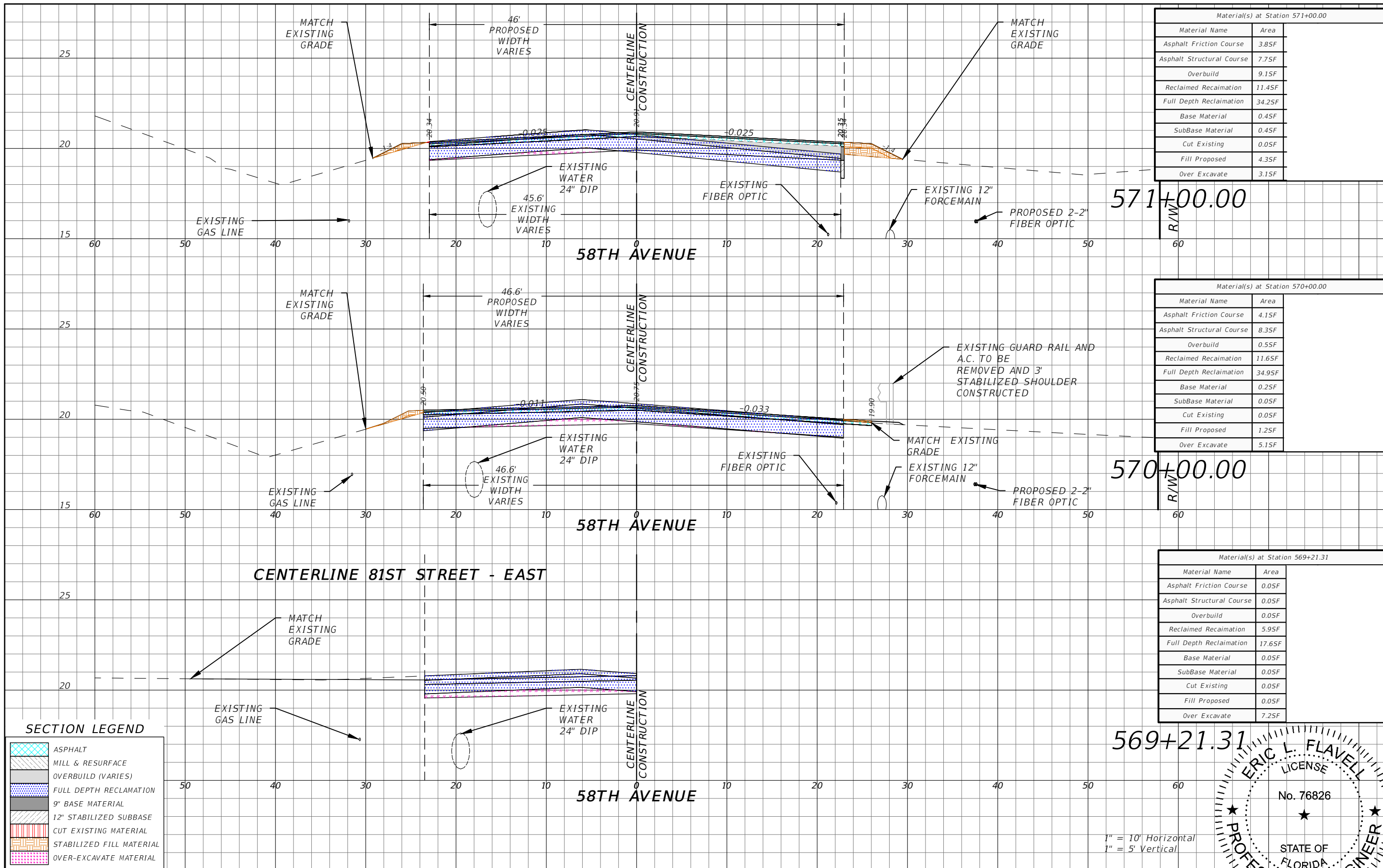
INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

Vincente De Pena 2/4/2020 6:50:44 PM P:\010514 - Indian River County\010514-01-001 (ENG) - Indian River Co - FDR Project\Engineering\Engineering



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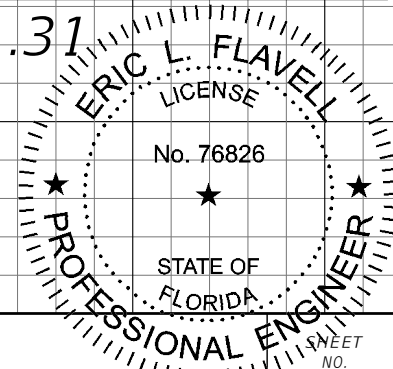


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ERIC L. FLAVELL, P.E.
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 BOWMAN CONSULTING GROUP
 4450 W. EAU GALLIE BLVD.
 MELBOURNE, FL 32934
 CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
 DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
 ROAD NO. COUNTY FINANCIAL PROJECT ID
 CR-613 INDIAN RIVER IRC: 1325
 58th AVE FD01:436416-1-54-01

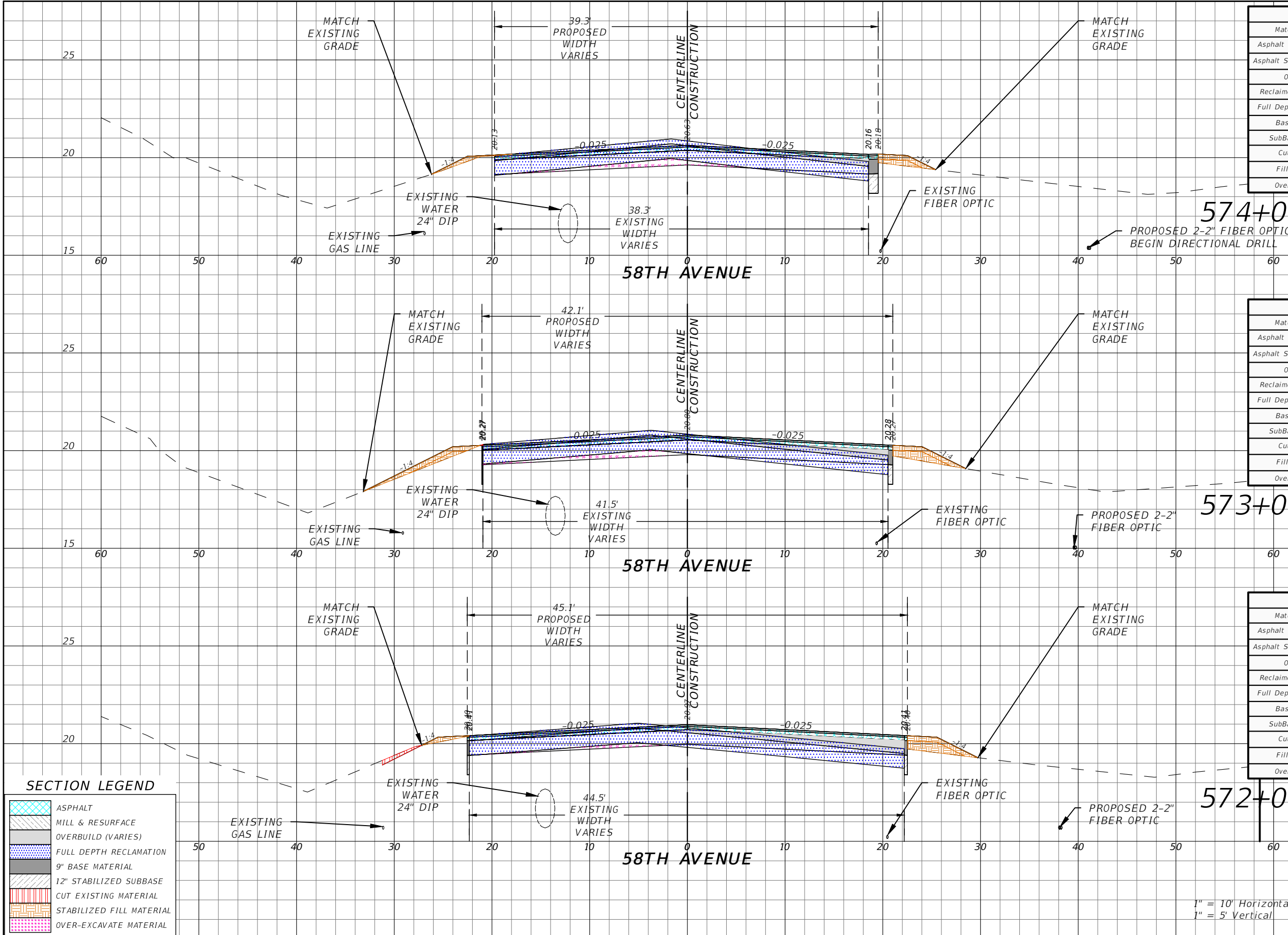
CROSS SECTIONS - 58TH AVE



Material(s) at Station 574+00.00	
Material Name	Area
Asphalt Friction Course	3.35F
Asphalt Structural Course	6.55F
Overbuild	2.25F
Reclaimed Reclamation	9.65F
Full Depth Reclamation	28.75F
Base Material	0.95F
SubBase Material	1.05F
Cut Existing	0.05F
Fill Proposed	3.15F
Over Excavate	4.25F

Material(s) at Station 573+00.00	
Material Name	Area
Asphalt Friction Course	3.55F
Asphalt Structural Course	7.05F
Overbuild	4.95F
Reclaimed Reclamation	10.45F
Full Depth Reclamation	31.15F
Base Material	0.65F
SubBase Material	0.65F
Cut Existing	0.05F
Fill Proposed	6.55F
Over Excavate	4.05F

Material(s) at Station 572+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.55F
Overbuild	9.35F
Reclaimed Reclamation	11.15F
Full Depth Reclamation	33.45F
Base Material	0.65F
SubBase Material	0.55F
Cut Existing	0.65F
Fill Proposed	4.55F
Over Excavate	1.95F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
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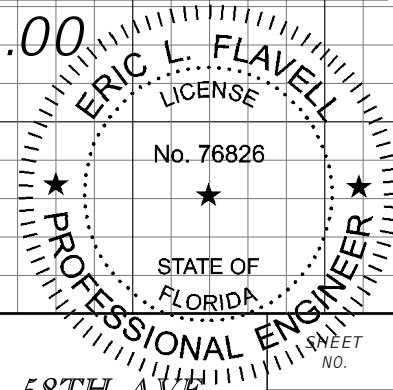
ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

161

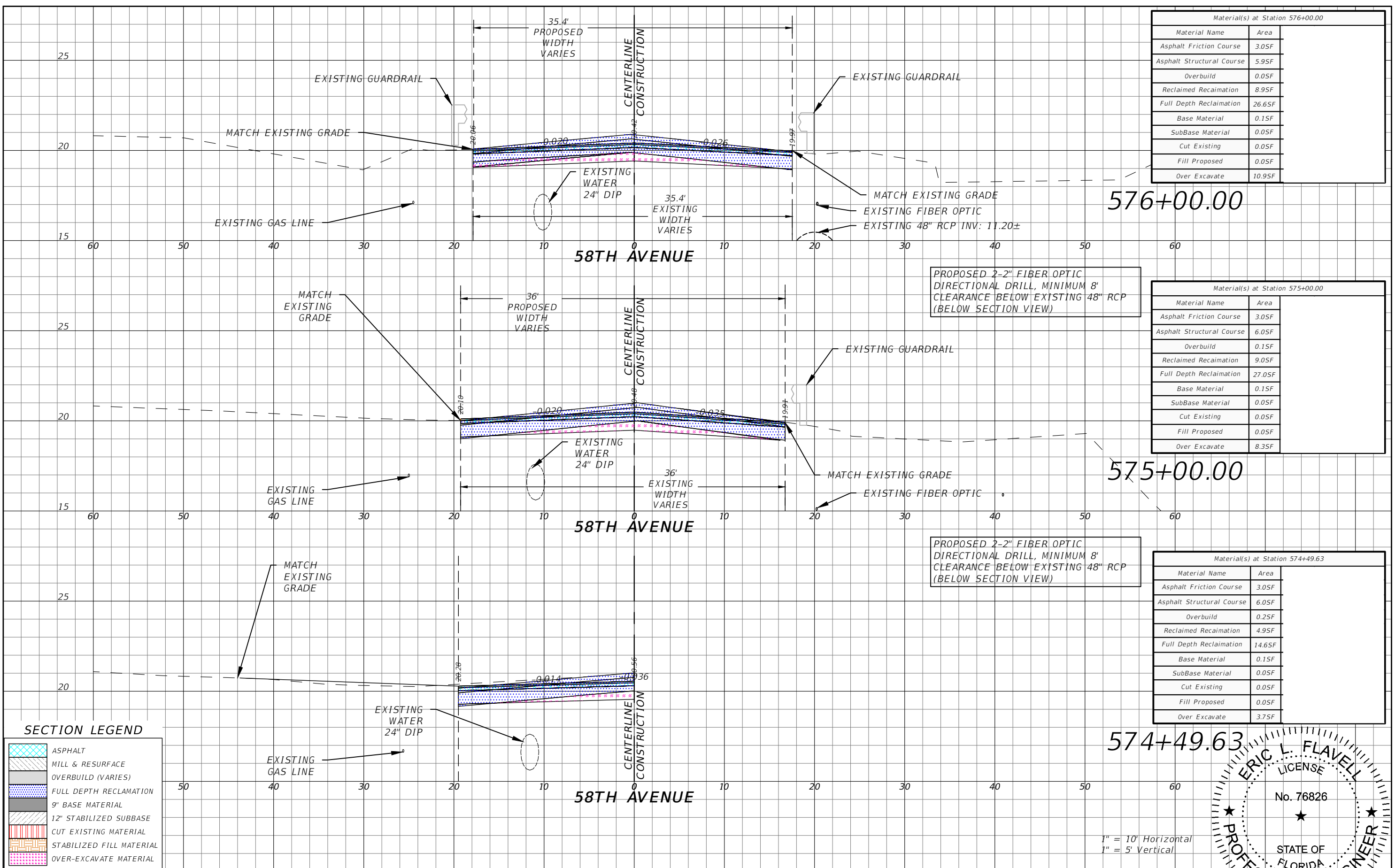


FOR BIDDING PURPOSES ONLY

Material(s) at Station 576+00.00	
Material Name	Area
Asphalt Friction Course	3.05F
Asphalt Structural Course	5.95F
Overbuild	0.05F
Reclaimed Reclamation	8.95F
Full Depth Reclamation	26.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	10.95F

Material(s) at Station 575+00.00	
Material Name	Area
Asphalt Friction Course	3.05F
Asphalt Structural Course	6.05F
Overbuild	0.15F
Reclaimed Reclamation	9.05F
Full Depth Reclamation	27.05F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	8.35F

Material(s) at Station 574+49.63	
Material Name	Area
Asphalt Friction Course	3.05F
Asphalt Structural Course	6.05F
Overbuild	0.25F
Reclaimed Reclamation	4.95F
Full Depth Reclamation	14.65F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	3.75F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

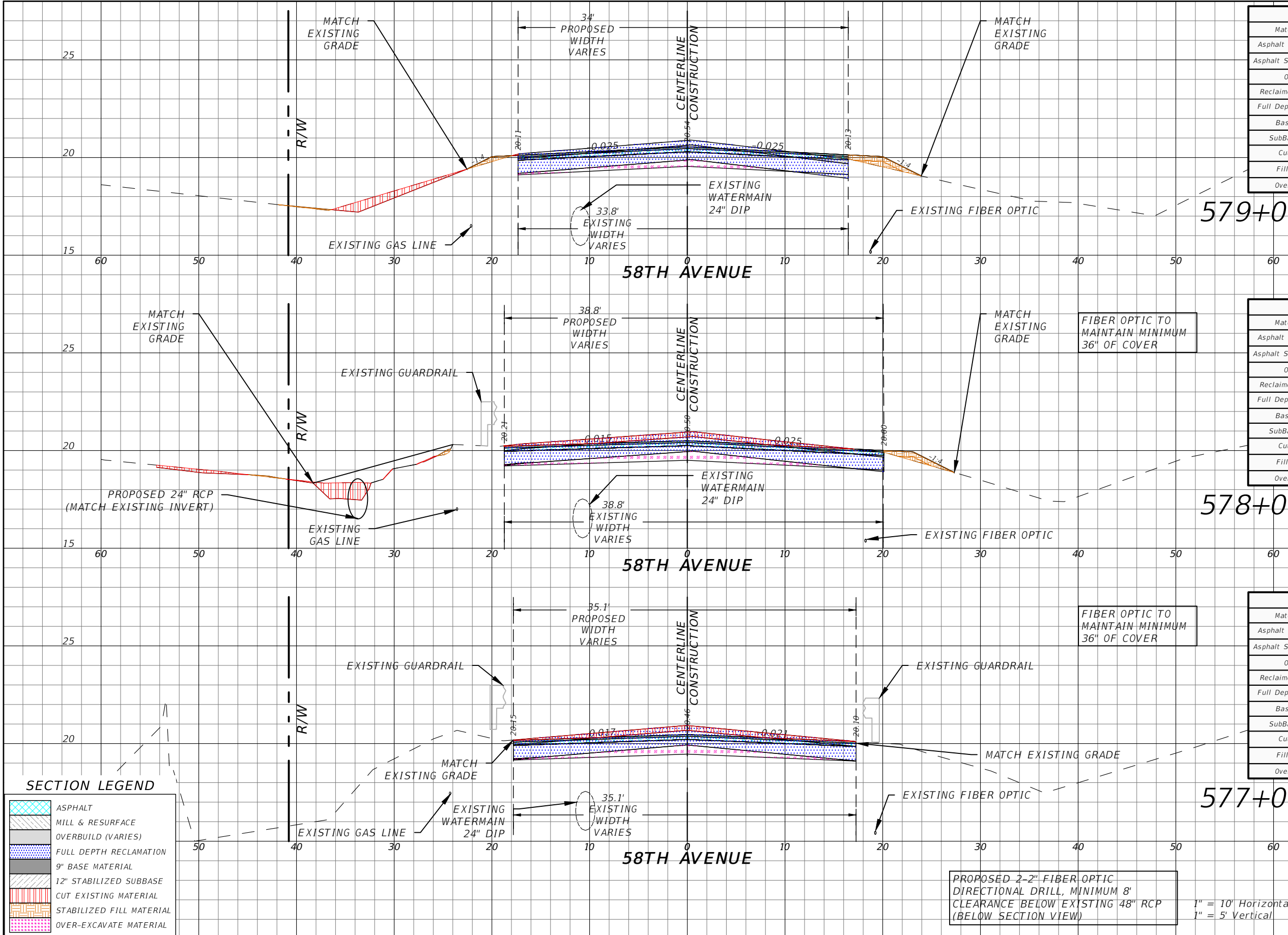
SHEET NO. 162

FOR BIDDING PURPOSES ONLY

Material(s) at Station 579+00.00	
Material Name	Area
Asphalt Friction Course	2.85F
Asphalt Structural Course	5.65F
Overbuild	0.65F
Reclaimed Reclamation	8.45F
Full Depth Reclamation	25.35F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	3.85F
Fill Proposed	3.15F
Over Excavate	5.65F

Material(s) at Station 578+00.00	
Material Name	Area
Asphalt Friction Course	3.25F
Asphalt Structural Course	6.55F
Overbuild	0.15F
Reclaimed Reclamation	9.75F
Full Depth Reclamation	29.15F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	12.15F
Fill Proposed	2.05F
Over Excavate	8.95F

Material(s) at Station 577+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	0.05F
Reclaimed Reclamation	8.85F
Full Depth Reclamation	26.35F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	6.65F
Fill Proposed	0.05F
Over Excavate	8.55F



SECTION LEGEND

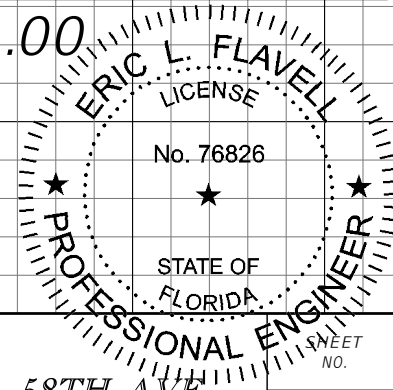
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

FIBER OPTIC TO MAINTAIN MINIMUM 36" OF COVER

FIBER OPTIC TO MAINTAIN MINIMUM 36" OF COVER

PROPOSED 2-2" FIBER OPTIC DIRECTIONAL DRILL, MINIMUM 8' CLEARANCE BELOW EXISTING 48" RCP (BELOW SECTION VIEW)

1" = 10' Horizontal
1" = 5' Vertical



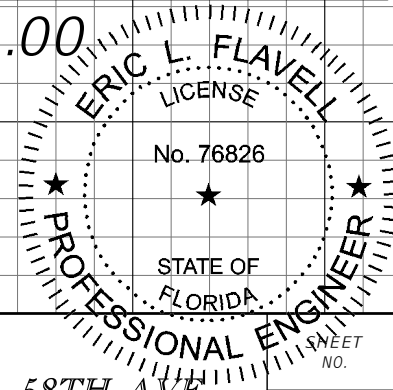
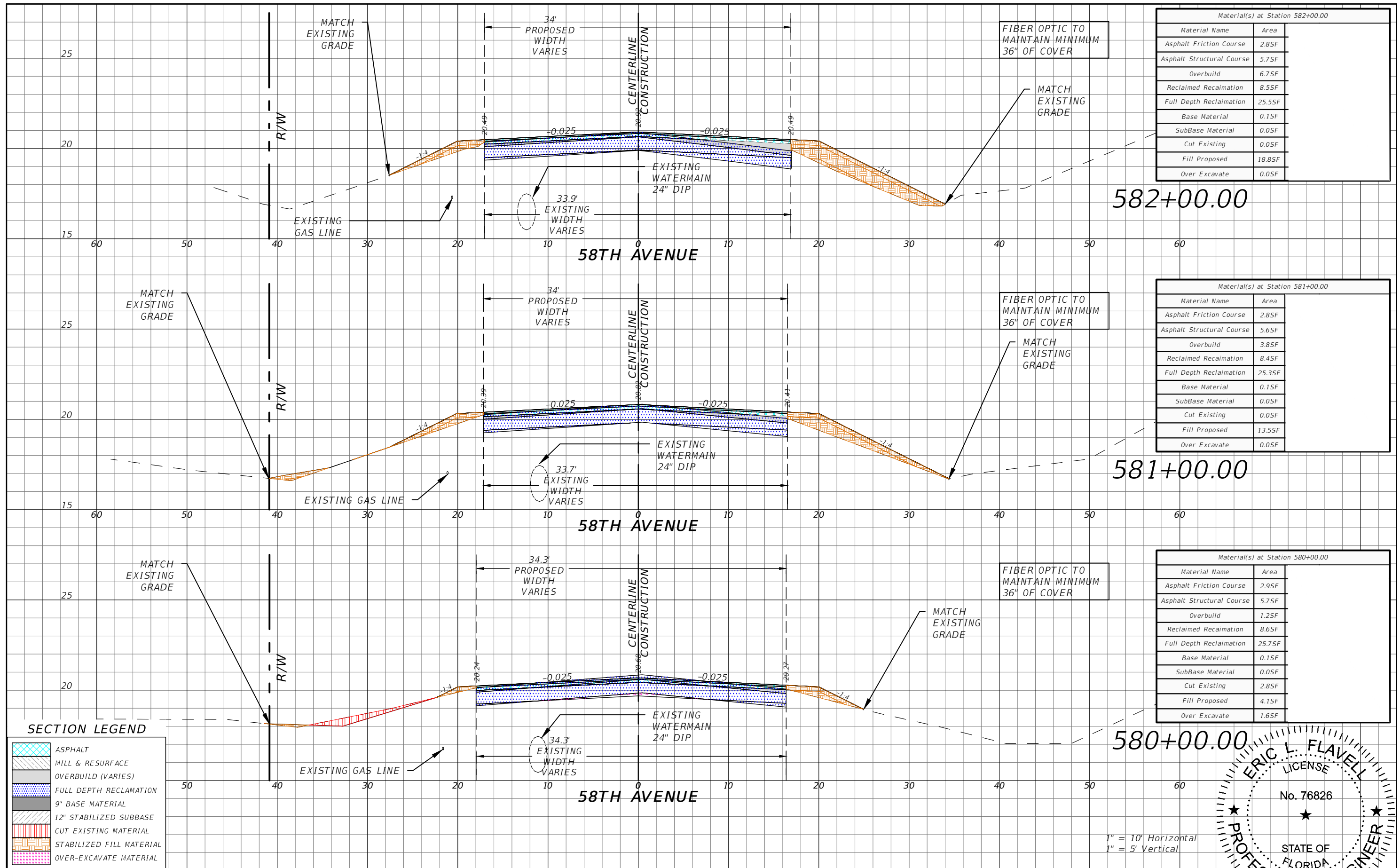
REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

FOR BIDDING PURPOSES ONLY



REVISIONS	
DATE	DESCRIPTION

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

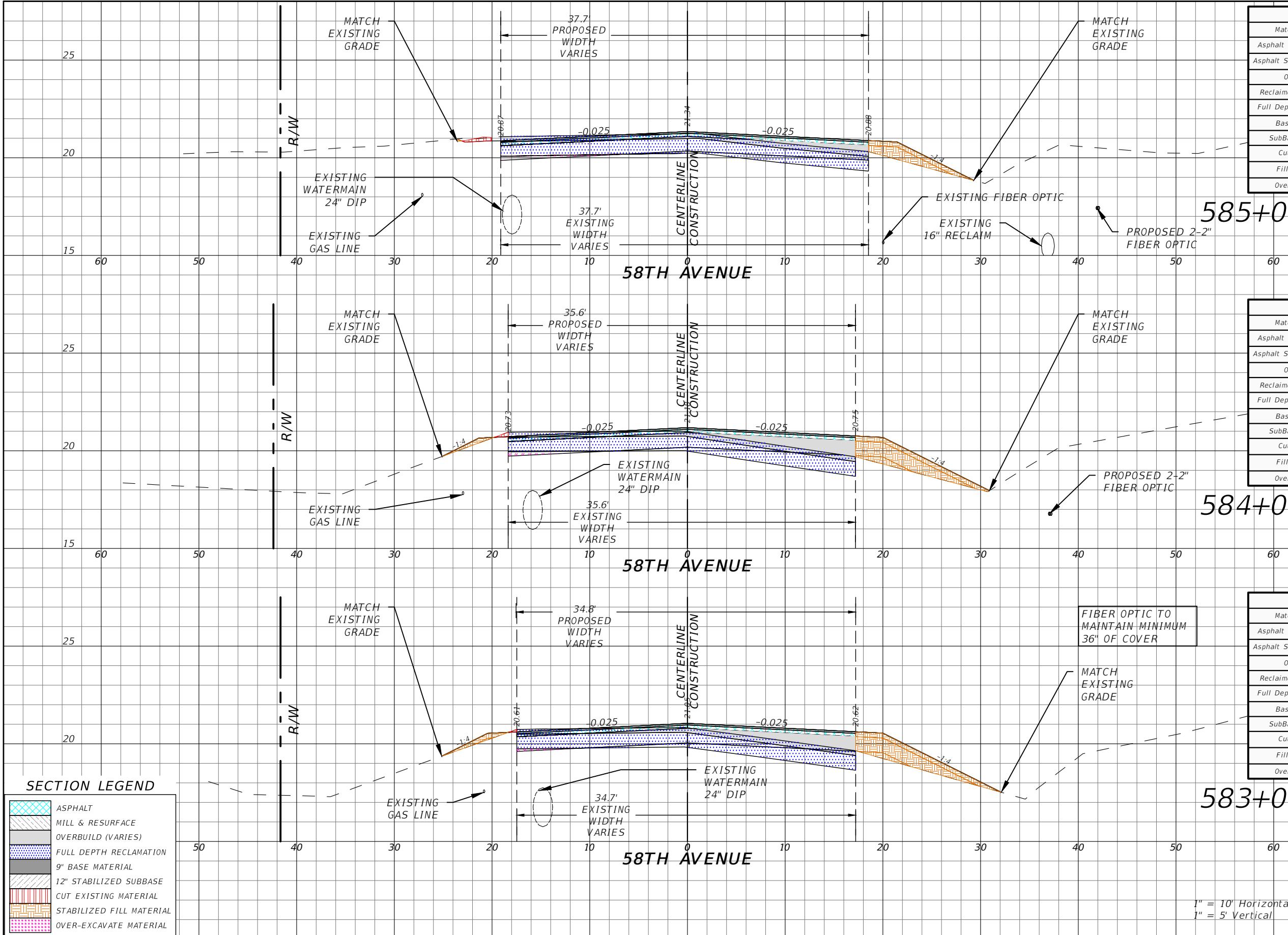
CROSS SECTIONS - 58TH AVE
SHEET NO. 164

FOR BIDDING PURPOSES ONLY

Material(s) at Station 585+00.00	
Material Name	Area
Asphalt Friction Course	3.15F
Asphalt Structural Course	6.35F
Overbuild	6.45F
Reclaimed Reclamation	9.45F
Full Depth Reclamation	28.25F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.45F
Fill Proposed	5.75F
Over Excavate	1.45F

Material(s) at Station 584+00.00	
Material Name	Area
Asphalt Friction Course	3.05F
Asphalt Structural Course	5.95F
Overbuild	11.75F
Reclaimed Reclamation	8.95F
Full Depth Reclamation	26.75F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.25F
Fill Proposed	11.95F
Over Excavate	1.25F

Material(s) at Station 583+00.00	
Material Name	Area
Asphalt Friction Course	2.95F
Asphalt Structural Course	5.85F
Overbuild	11.45F
Reclaimed Reclamation	8.75F
Full Depth Reclamation	26.05F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.15F
Fill Proposed	12.25F
Over Excavate	0.45F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS	
DATE	DESCRIPTION
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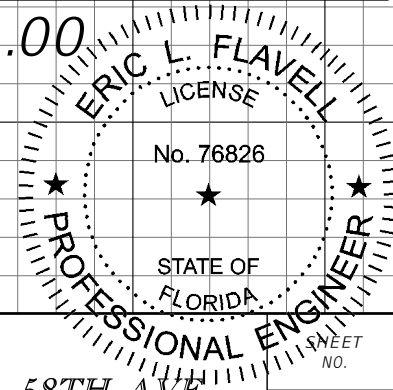
ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

165



FOR BIDDING PURPOSES ONLY

**CENTERLINE REDSTICK GOLF CLUB
ENTRANCE - EAST**

Material(s) at Station 587+57.43	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	7.65F
Reclaimed Reclamation	5.85F
Full Depth Reclamation	17.55F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	0.05F
Over Excavate	0.05F

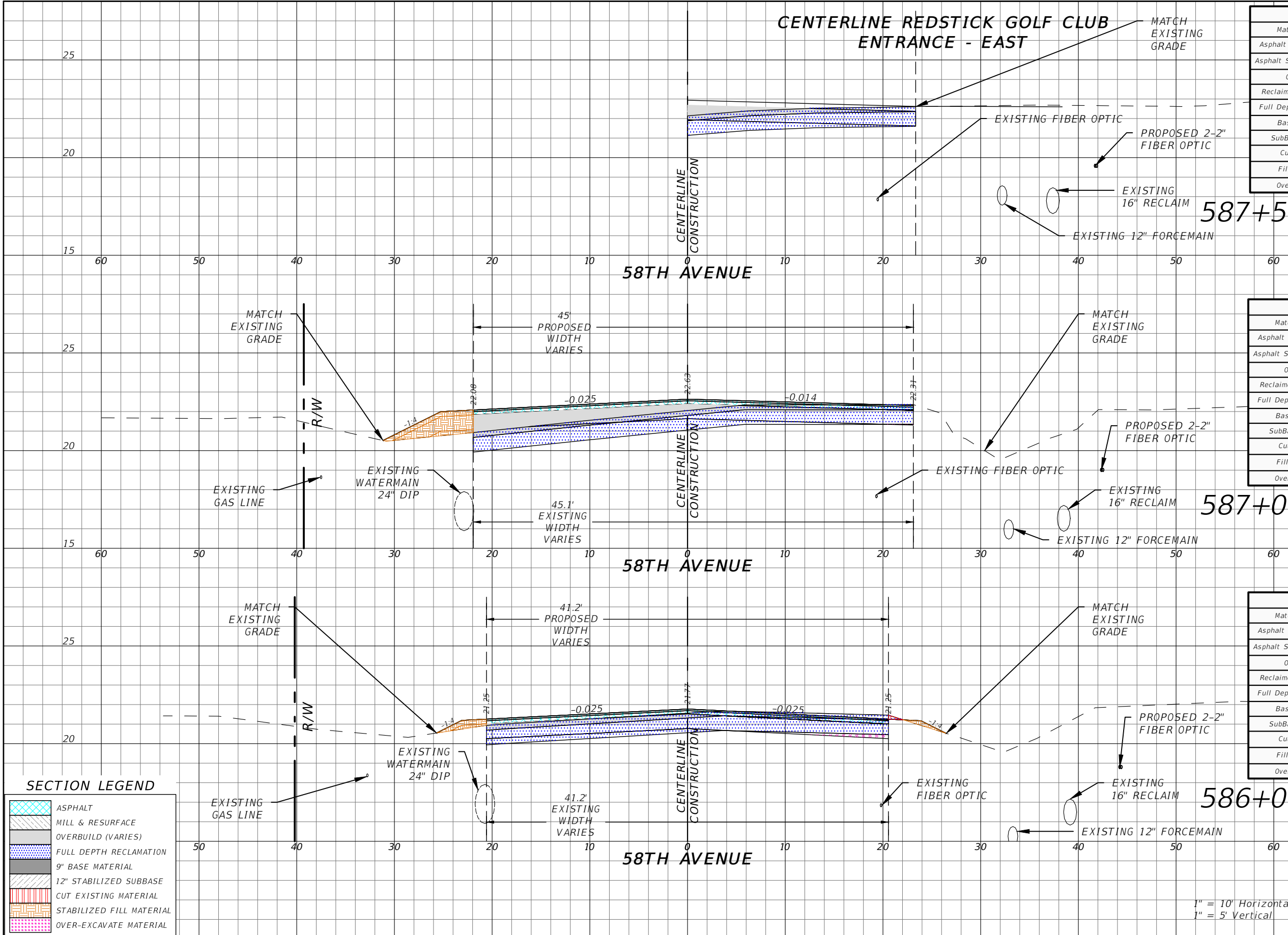
587+57.43

Material(s) at Station 587+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.55F
Overbuild	22.85F
Reclaimed Reclamation	11.35F
Full Depth Reclamation	33.85F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	7.85F
Over Excavate	0.15F

587+00.00

Material(s) at Station 586+00.00	
Material Name	Area
Asphalt Friction Course	3.45F
Asphalt Structural Course	6.95F
Overbuild	5.75F
Reclaimed Reclamation	10.45F
Full Depth Reclamation	30.95F
Base Material	0.15F
SubBase Material	0.05F
Cut Existing	0.25F
Fill Proposed	2.15F
Over Excavate	1.75F

586+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

FOR BIDDING PURPOSES ONLY

ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR-613	INDIAN RIVER	IRC: 1325
58th AVE		FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE

1" = 10' Horizontal
1" = 5' Vertical

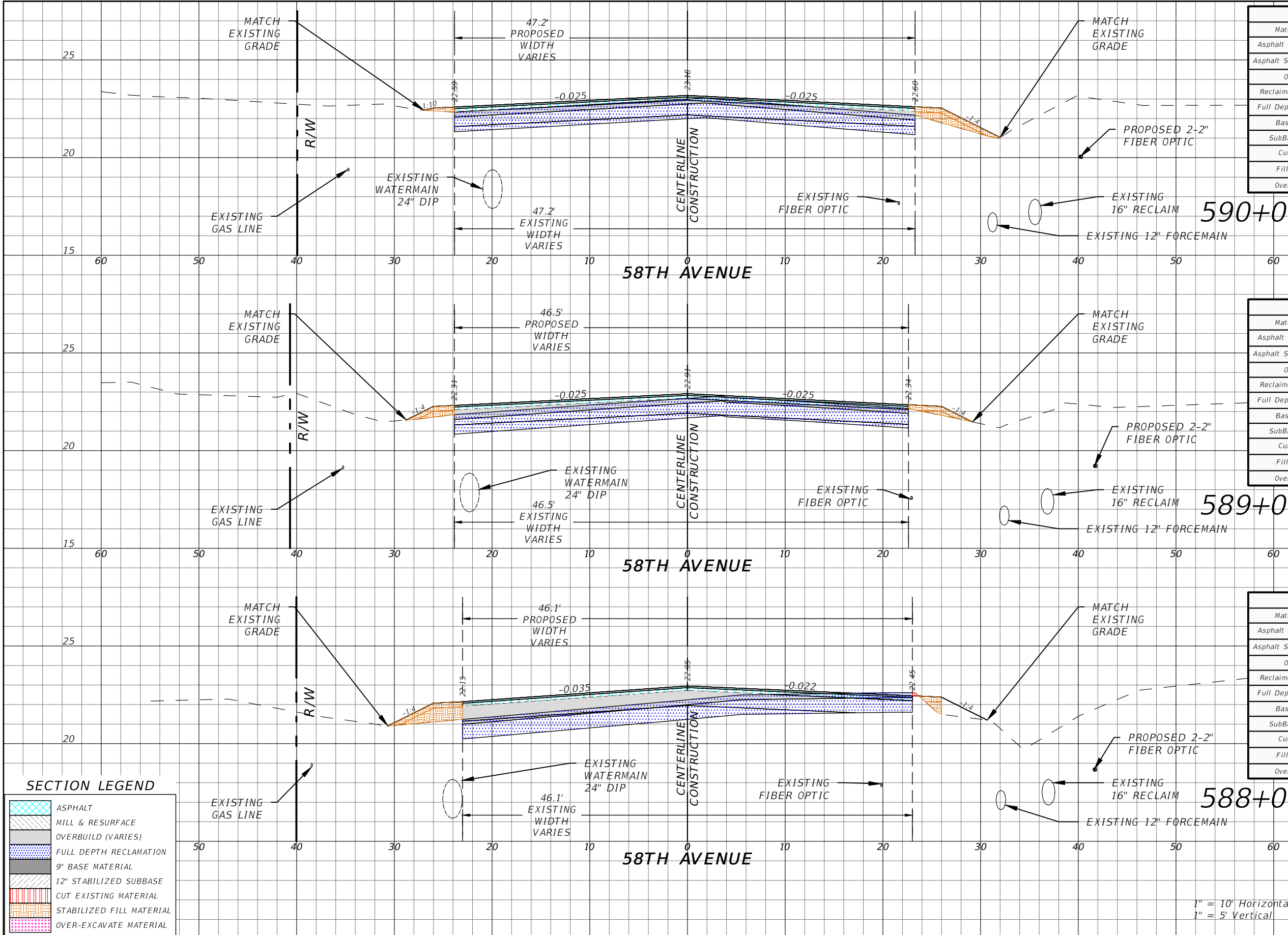
ERIC L. FLAVELL
LICENSE
No. 76826
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET NO. 166

Material(s) at Station 590+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.95F
Overbuild	11.35F
Reclaimed Reclamation	11.85F
Full Depth Reclamation	35.35F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	4.75F
Over Excavate	0.05F

Material(s) at Station 589+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.75F
Overbuild	11.35F
Reclaimed Reclamation	11.65F
Full Depth Reclamation	34.95F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	3.75F
Over Excavate	0.05F

Material(s) at Station 588+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	23.55F
Reclaimed Reclamation	11.55F
Full Depth Reclamation	34.55F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.15F
Fill Proposed	6.15F
Over Excavate	0.05F



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

REVISIONS

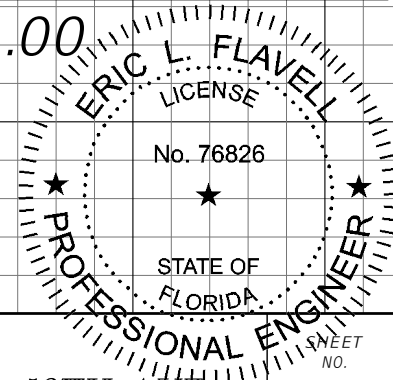
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ERIC L. FLAVELL, P.E.
P.E. LICENSE NUMBER 76826
BOWMAN CONSULTING GROUP
4450 W. EAU GALLIE BLVD.
MELBOURNE, FL 32934
CERTIFICATE OF AUTHORIZATION 30462

INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01:436416-1-54-01

CROSS SECTIONS - 58TH AVE



Material(s) at Station 593+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	3.55F
Reclaimed Reclamation	11.05F
Full Depth Reclamation	33.05F
Base Material	1.75F
SubBase Material	2.05F
Cut Existing	0.05F
Fill Proposed	1.45F
Over Excavate	1.15F

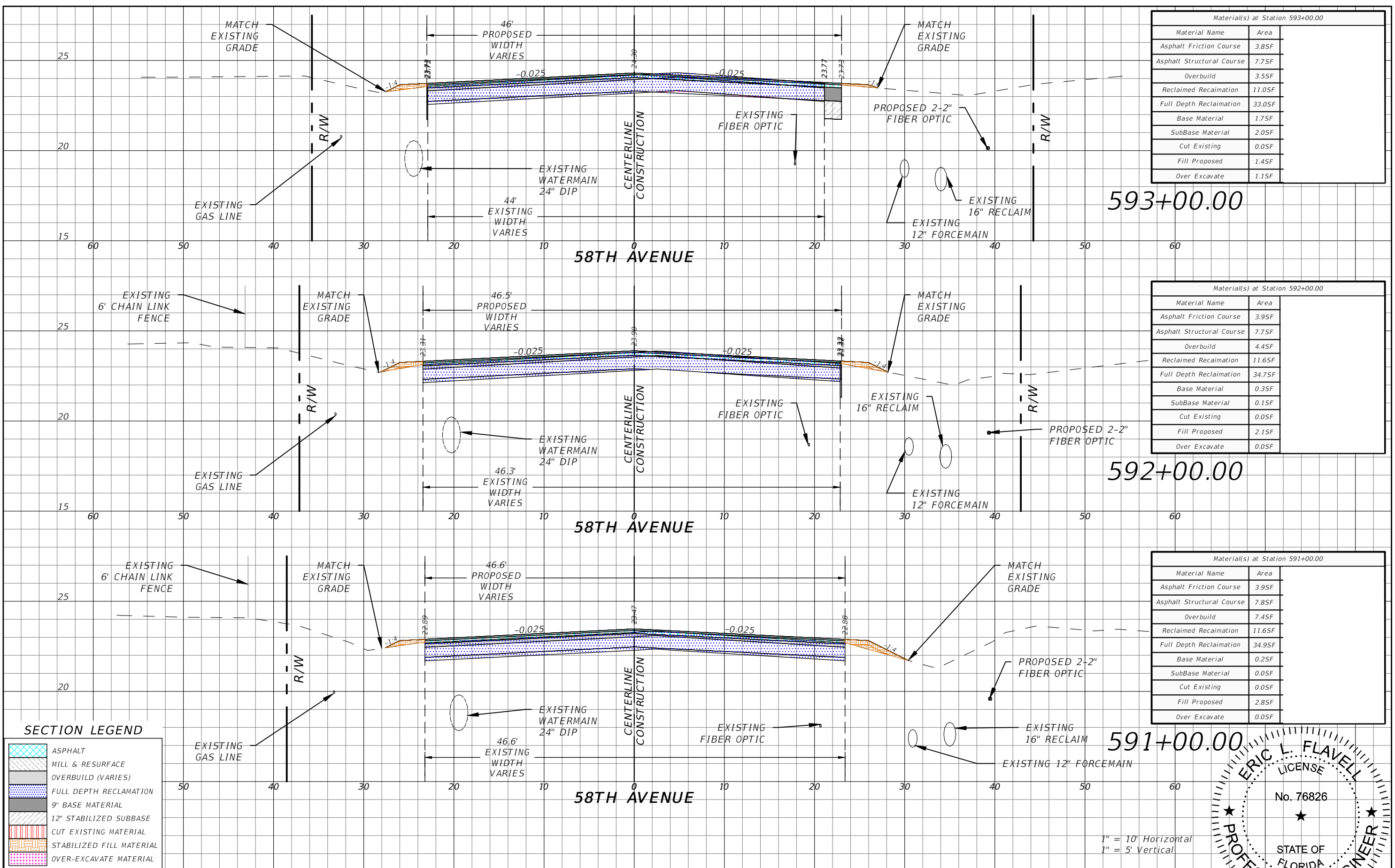
593+00.00

Material(s) at Station 592+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.75F
Overbuild	4.45F
Reclaimed Reclamation	11.65F
Full Depth Reclamation	34.75F
Base Material	0.35F
SubBase Material	0.15F
Cut Existing	0.05F
Fill Proposed	2.15F
Over Excavate	0.05F

592+00.00

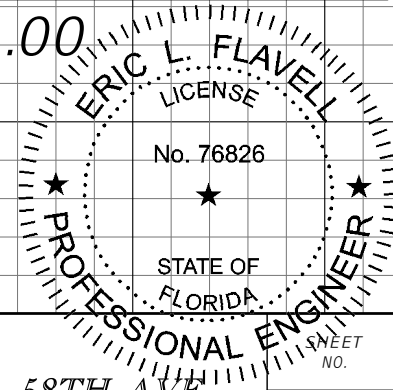
Material(s) at Station 591+00.00	
Material Name	Area
Asphalt Friction Course	3.95F
Asphalt Structural Course	7.85F
Overbuild	7.45F
Reclaimed Reclamation	11.65F
Full Depth Reclamation	34.95F
Base Material	0.25F
SubBase Material	0.05F
Cut Existing	0.05F
Fill Proposed	2.85F
Over Excavate	0.05F

591+00.00



SECTION LEGEND

	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL



1" = 10' Horizontal
1" = 5' Vertical

REVISIONS		DESCRIPTION		INDIAN RIVER COUNTY		FINANCIAL PROJECT ID		CROSS SECTIONS - 58TH AVE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	INDIAN RIVER	FD01.436416-1-54-01		
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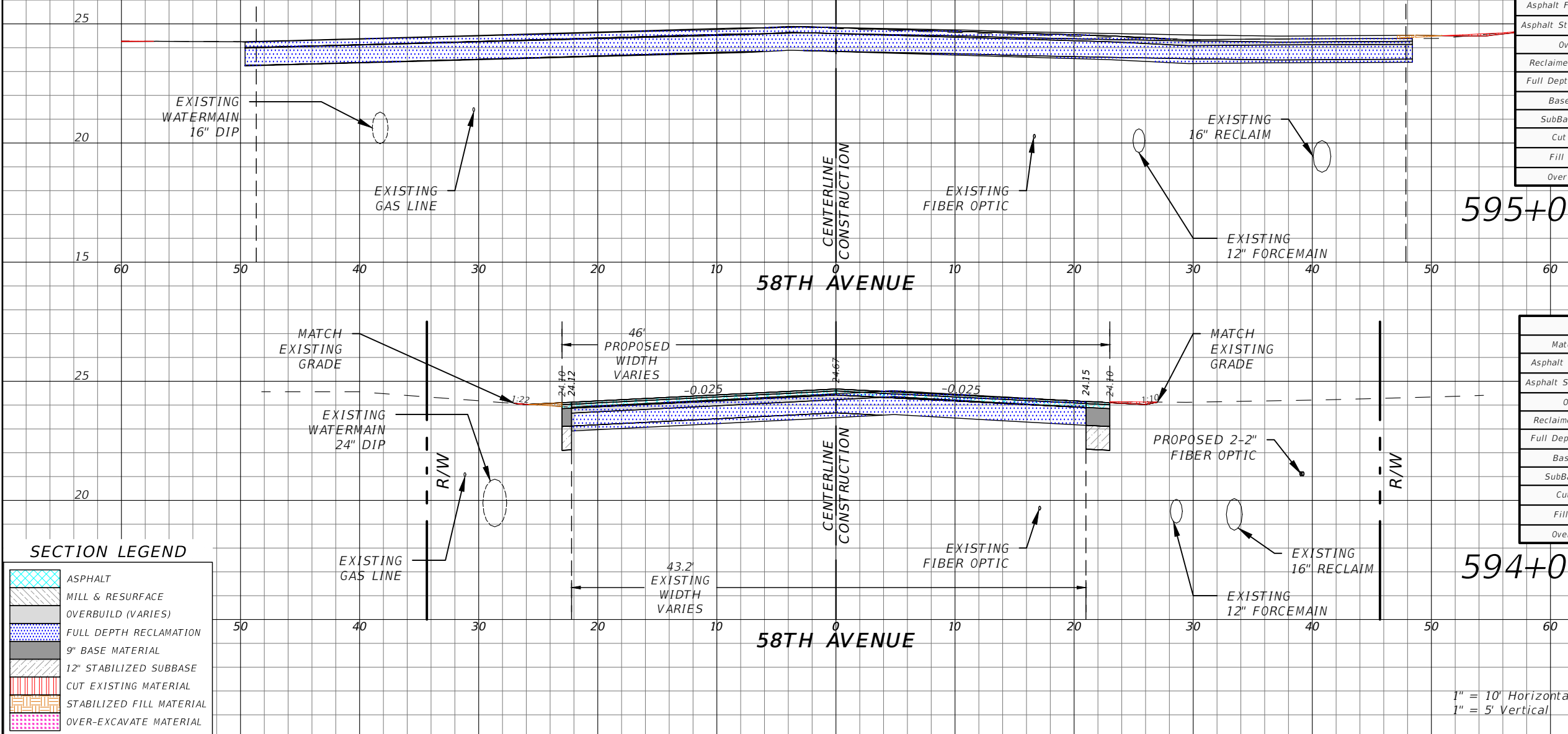
INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION
ROAD NO. COUNTY FINANCIAL PROJECT ID
CR-613 INDIAN RIVER IRC: 1325
58th AVE FD01.436416-1-54-01

Model Areas & Quantities 58th & 69th			
Pay Item	Bid Item 58th & 69th	Model Area (SF)	Model Area (SY)
120-1a	Excavation of Existing Asphalt & Base	3,108	345
160-4	Type B Stabilization, 12" thick	102,670	11,408 Stabilized Shoulder 13,153 Stabilized Subgrade
			24,561 Total Sabilized Material 12" Thick
327-70-1	Mill Existing Asphalt	21,752	2,417
332-1	Reclaimed Asphalt Base Courses (FDR 12")	646,378	71,820
334-13a	Type SP-12.5 (2" Thick)	751,715	84,968
334-13b	Type SP-12.5 (Variable Thickness)	18,038	2,004 See Tonnage calc below
334-13c	Type SP-12.5 (Driveway Remove/Replace)	3,240	360
337-7-82	Type FC-9.5 (1" Thick)	773,467	87,385
	Existing Pavement Area	646,378	71,820
	Widened Pavement Area	118,369	13,152
	Overbuild 58th Ave, 9" equivalent	111,240	12,360
	Overbuild 69th Street, 9" equivalent	10,008	1,112
	Over Excavate 58th & 69th, 9" equivalent	22,824	2,536
	Total Area of 9" equivalent FDR	908,819	100,980 For Calculating Admixture Quantity

Model Volumes & Quantities 58th & 69th					
	Area (SF)	Depth (In)	Volume (CF)	Volume (CY)	Weight (TN)
Excavation for Widened Areas	118,369	12	118,369	4,384	
Excavation for ditches*				1,680	
Excavation for Road Overexcavation*				634	
120-1 Regular Excavation				6,698	Cut
120-1a Excavation of Existing Asphalt & Base					
120-2 Borrow Excavation (Reclaimed FDR - 3")	646,378	3	161,595	5,985	Total FDR Base Recovered
FDR for Widened Areas (9" Base)	118,369	9	88,777	3,288	
Overbuild 58th Ave*				3,090	
Overbuild 69th Street*				278	
Over Excavate 58th & 69th*				634	
FDR Driveways	3,108	9	2,331	86	
				7,376	Total Reclaimed FDR Base Needed
285-709 Optional Base, Group 9, LBR=100 Limerock				1,391	FDR Difference
120-6 Embankment *				4,140	Fill
334-13b Type SP-12.5 (Variable Thickness)	18,038	4	5,953		446 Ton

FDR Additive Calculations for Bid Estimate				
Additive	Rate	Area Teated (SY)	Rate per 9"	Total Unit
Emulsion	2.5% by Weight	100,980	2.5	252,450 Gal
Cement	3.0% by Weight	100,980	25	2,524,500 lbs 1,262 ton

INTERSECTION OF 58TH AVENUE AND C.R. 510 (85TH STREET)



Material(s) at Station 595+00.00	
Material Name	Area
Asphalt Friction Course	0.05F
Asphalt Structural Course	0.05F
Overbuild	6.05F
Reclaimed Reclamation	24.55F
Full Depth Reclamation	73.55F
Base Material	0.05F
SubBase Material	0.05F
Cut Existing	0.45F
Fill Proposed	0.35F
Over Excavate	0.05F

Material(s) at Station 594+00.00	
Material Name	Area
Asphalt Friction Course	3.85F
Asphalt Structural Course	7.75F
Overbuild	4.95F
Reclaimed Reclamation	10.85F
Full Depth Reclamation	32.45F
Base Material	2.25F
SubBase Material	2.85F
Cut Existing	0.35F
Fill Proposed	0.25F
Over Excavate	0.05F

SECTION LEGEND	
	ASPHALT
	MILL & RESURFACE
	OVERBUILD (VARIES)
	FULL DEPTH RECLAMATION
	9" BASE MATERIAL
	12" STABILIZED SUBBASE
	CUT EXISTING MATERIAL
	STABILIZED FILL MATERIAL
	OVER-EXCAVATE MATERIAL

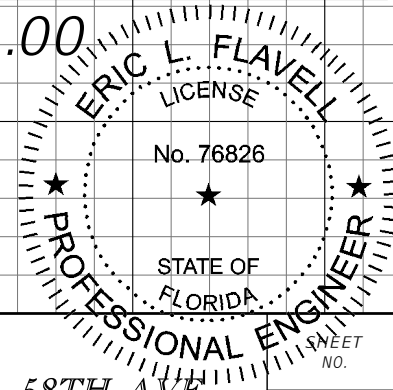
REVISIONS			
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CROSS SECTIONS - 58TH AVE

SHEET NO. 169



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