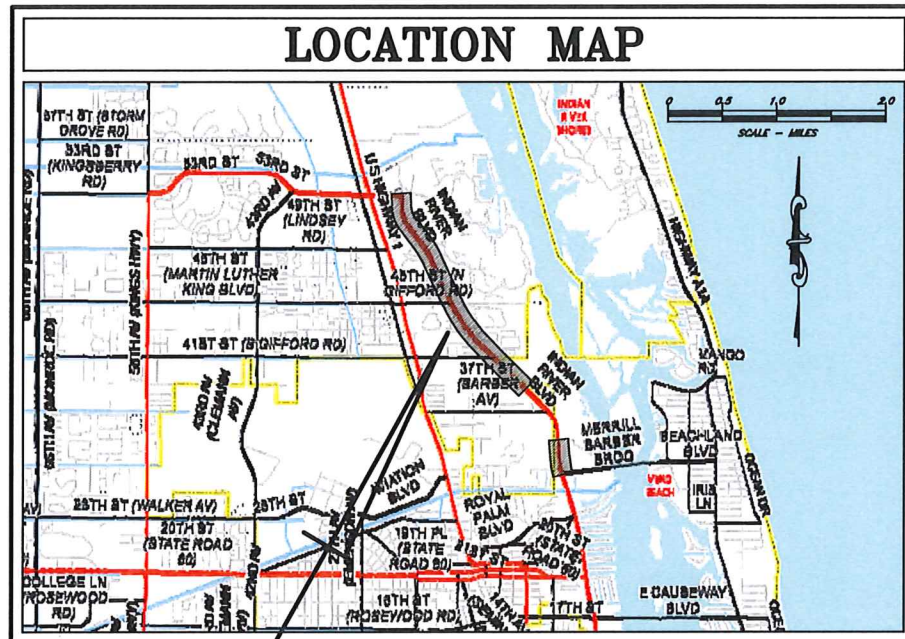


INDIAN RIVER COUNTY
BOARD OF COUNTY COMMISSIONERS
INDIAN RIVER BLVD. RESURFACING FROM
53RD ST. TO THE MERRILL BARBER BRIDGE
INDIAN RIVER COUNTY PROJECT NO. IRC-1707
FM NO. 441919-1-54-01



LOCATION OF PROJECT



PREPARED BY THE
INDIAN RIVER COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

1801 27TH STREET, VERO BEACH, FLORIDA 32960

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
"FY 2020-2021 STANDARD PLANS FOR ROAD
CONSTRUCTION" AND "STANDARD SPECIFICATIONS
FOR ROAD AND BRIDGE CONSTRUCTION"
(JANUARY 2020 EDITION), AS AMENDED BY
CONTRACT DOCUMENTS.

PETER D. O'BRYAN, CHAIRMAN
JOE EARMAN, VICE CHAIRMAN
COMMISSIONER SUSAN ADAMS
COMMISSIONER JOSEPH E. FLESCHER
COMMISSIONER LAURA MOSS
COUNTY ADMINISTRATOR: JASON E. BROWN
PUBLIC WORKS DIRECTOR: RICHARD B. SZPYRKA, P.E.
ASSISTANT PUBLIC WORKS DIRECTOR: JAMES W. ENNIS, P.E., PMP

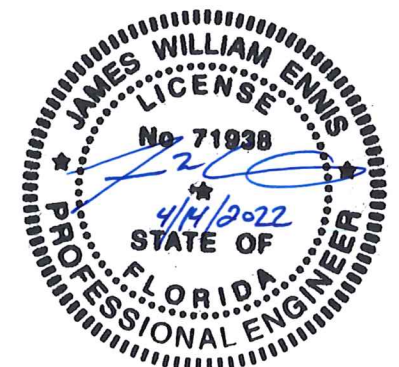
BID SET

SHEET INDEX

1	COVER SHEET
2	STANDARD ABBREVIATIONS
3	TYPICAL SECTION
4-7	TYPICAL SECTION DETAILS
8	GENERAL NOTES
9	SUMMARY OF PAY ITEMS
10	PROJECT LAYOUT
1-10 (AS SHOWN)	SURVEY/HORIZ. CONTROL
11-30	PLAN
31-50	PAVEMENT MARKINGS
51	SWPPP/MINIMUM REQUIRED BMP'S

PLAN REVISION SUMMARY

- △ PRODUCTION PHASE COMMENTS, 8/5/2021
- △ PRODUCTION PHASE COMMENTS, 8/17/2021
- △ ADD FIBER OPTIC, 3/8/2022



AASHTO American Association of State Highway and Transportation Officials
 Abd. Abandoned
 AC or Asph. Conc. Asphaltic Concrete
 Adj. Adjust
 Al Aluminum
 Approx. Approximate
 Asph. Asphalt
 ASTM American Society for Testing Materials
 Ave. Avenue

 B/C, B.C. Back of Curb
 BCCMP Bituminous Coated Corrugated Metal Pipe
 BE Buried Electric
 Beg. Begin
 Bk. Back
 BL, BLC Base Line, Base Line Control
 Bldg. Building
 Blvd. Boulevard
 BM Benchmark
 Brg. Bearing
 BT Buried Telephone Cable or Duct

 C & G Curb and Gutter
 CAP Corrugated Aluminum Pipe
 CATV Cable Television
 CB Catch Basin
 CBC Concrete Box Culvert
 CBS Concrete Box Structure
 CD Cross Drain
 CI Cast Iron
 CIP Cast Iron Pipe
 CIPL Cast in Place
 Cl. or Clear Clearance
 CL, C/L or C Center Line
 CM Concrete Monument
 CMP Corrugated Metal Pipe
 CMPA Corrugated Metal Pipe Arch
 Co. County or Company
 Con. Connect or Connection
 Conc. Concrete
 Const. Construct or Construction
 Contr. Contractor
 Coord. Coordinate
 Cor. Corner
 CP Concrete Pipe
 Culv. Culvert
 CY Cubic Yard

 D Degree of Curvature
 DBI Ditch Bottom Inlet
 Dept. Department
 DT Ditch
 Dia. or D Diameter
 DIP Ductile Iron Pipe
 DOT Department of Transportation
 Dr. or DR. Drive
 Drwy. Driveway
 Dwg. Drawing

E East
 El. or Elev. Elevation
 Elec. Electric
 Engr. Engineer
 EOP Edge of Pavement
 Eq. Equation or Equal
 ERCP Elliptical Reinforced Concrete Pipe
 Esmt. Easement
 Est. or Estm. Estimate
 EW Endwall
 Exc. or Excav. Excavation
 Exist. Existing

 F or Final Final Quantity
 FDOT Florida Department of Transportation
 FE Floor Elevation
 FH Fire Hydrant
 FM Force Main
 FOC Fiber Optics Cable

 GM Gas Main
 GPS Global Positioning System
 Gr. Grade, Guardrail or Grate

 Hdwl. Headwall
 Hndrl. Handrail
 Hse. House
 Hwy. Highway

 I.R.F.W.C.D. Indian River Farms Water Control District
 Inv. Invert
 IP Iron Pipe

 L Length, Length of Curve, Left
 LBR Limerock Bearing Ratio
 LF Linear Foot/Feet
 Lt. Left

 Max. Maximum
 MES Mitered End Section
 MH Manhole
 MPH or mph Miles Per Hour

 N North
 NA or N/A Not Applicable
 N & C Nail & Cap
 NGVD National Geodetic Vertical Datum of 1929
 NIC Not in Contract
 NTS Not to Scale

 OC or O.C. On Center
 OE Overhead Electric
 OH Overhead

P or Plan Plan Quantity
 Pavt. Pavement
 PC Point of Curvature
 PCC Point of Compound Curvature
 PE Professional Engineer
 PERF. Perforated
 PGL Profile Grade Line
 PI Point of Intersection
 PL or LP Property Line
 PP Power Pole
 PRC Point of Reverse Curvature
 Proj. Project
 PRM Permanent Reference Monument
 PSI or psi Pounds Per Square Inch
 PT Point of Tangency
 PVC Polyvinyl Chloride
 PVI Point of Vertical Intersection

 R or Rad. Radius
 R or Rng. Range
 RCP Reinforced Concrete Pipe
 RCPA Reinforced Concrete Pipe Arch
 Rd. Road
 Req. or Reqd. Required
 Res. Residence
 RR Railroad
 Rt. Right
 R/W, ROW Right of Way

 S South
 SAN or San. Sanitary
 SD Side Drain, Storm Drain
 Sect. Section
 Sht. Sheet
 Shldr. Shoulder
 Spec. Specification
 Sq. Ft., SF or S.F. Square Foot
 Sq. Yd., SY or S.Y. Square Yard
 SR or S.R. State Road
 SS Sanitary Sewer
 St. or ST. Street
 Sta. Station
 SW or Swk. Sidewalk

 T Tangent
 T, TWP or Twp. Township
 TBM Temporary Bench Mark
 TCE Temporary Construction Easement
 Tel. Telephone
 Typ. Typical

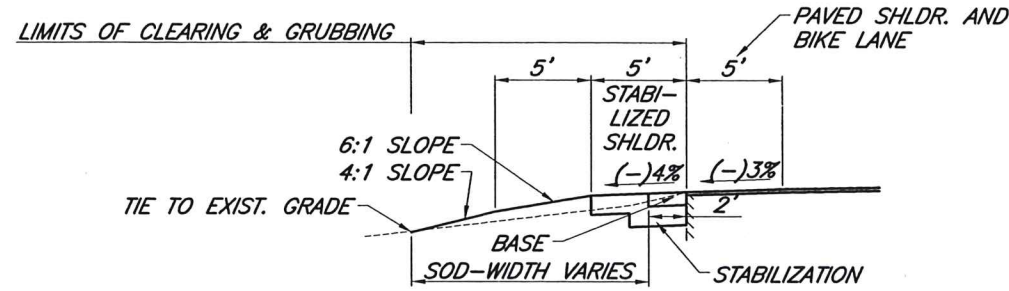
 UG Underground
 Util. Utilities

 VC Vertical Curve

 W West
 WM Water Main

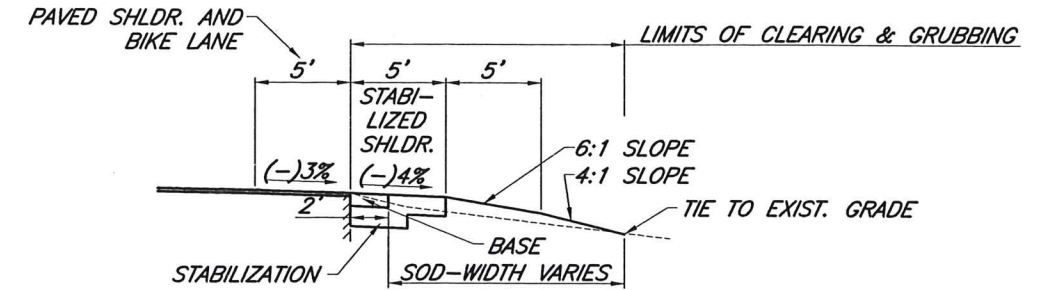
 Xsec. Cross Section



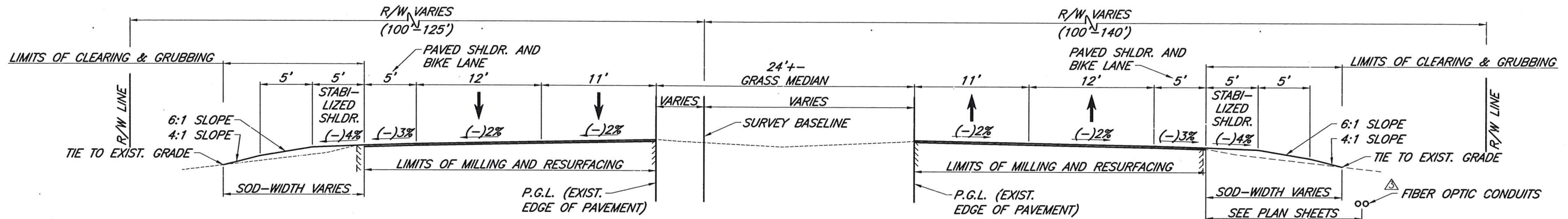


WIDENING SECTION/DETAIL (LEFT)
INDIAN RIVER BLVD.
STATIONS AND LOCATIONS VARY
SCALE: 1"=10'

WIDENING	
BASE:	8" CEMENTED COQUINA BASE (PRIMED) FDOT BASE GROUP 6 (LBR 100)
STABILIZATION:	12" TYPE B STABILIZATION (LBR 40, MINIMUM)



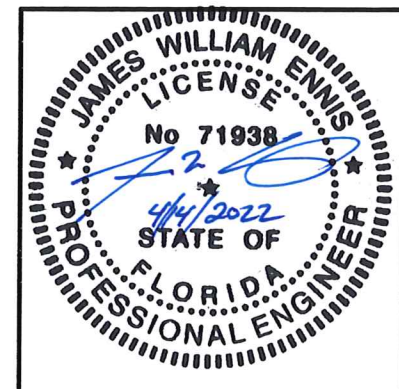
WIDENING SECTION/DETAIL (RIGHT)
INDIAN RIVER BLVD.
STATIONS AND LOCATIONS VARY
SCALE: 1"=10'



TYPICAL SECTION
INDIAN RIVER BLVD.
STATIONS AND LOCATIONS VARY
SCALE: 1"=10'

MILLING AND RESURFACING	
MILLING:	1-1/2" AVERAGE DEPTH
RESURFACING:	2" FC-12.5 ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC LEVEL C)
STABILIZATION:	12" TYPE B STABILIZATION (LBR 40, MINIMUM)

INDIAN RIVER BLVD.		
POSTED SPEED:	MERRILL BARBER BRIDGE TO 37TH ST.	45 MPH
DESIGN SPEED:	MERRILL BARBER BRIDGE TO 37TH ST.	45 MPH
POSTED SPEED:	37TH ST. TO GRAND HARBOR BLVD.	45 MPH
DESIGN SPEED:	37TH ST. TO GRAND HARBOR BLVD.	50 MPH
POSTED SPEED:	GRAND HARBOR BLVD. TO 53RD ST.	45 MPH
DESIGN SPEED:	GRAND HARBOR BLVD. TO 53RD ST.	50 MPH



MILLING AND RESURFACING

MILLING: 1-1/2" AVERAGE DEPTH

RESURFACING: 2" FC-12.5 ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC LEVEL C)

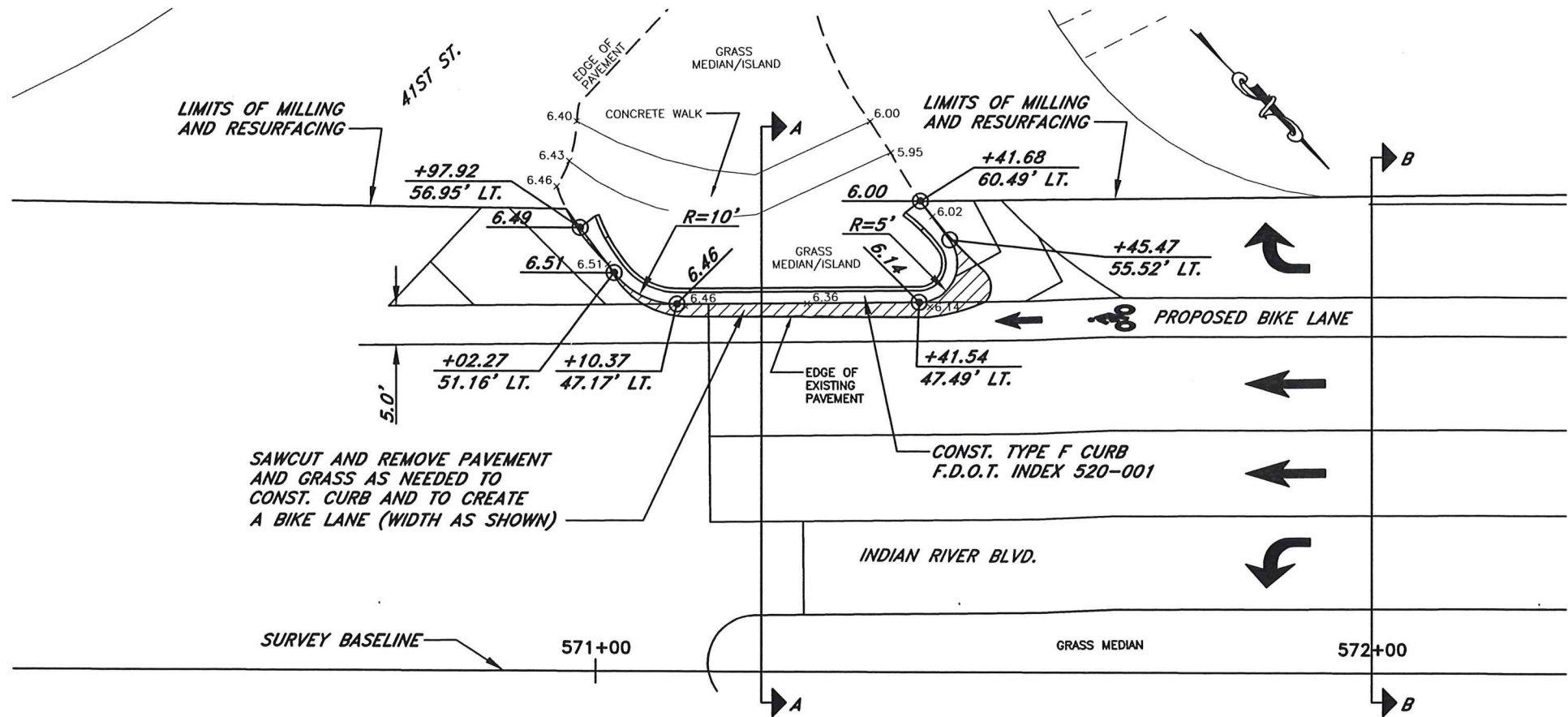
STABILIZATION: 12" TYPE B STABILIZATION (LBR 40, MINIMUM)

MILLING, RESURFACING AND WIDENING AT CURB

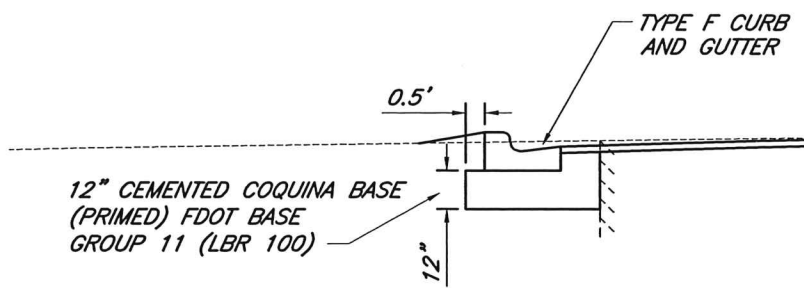
MILLING: 1-1/2" AVERAGE DEPTH

RESURFACING: 2" FC-12.5 ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC LEVEL C)

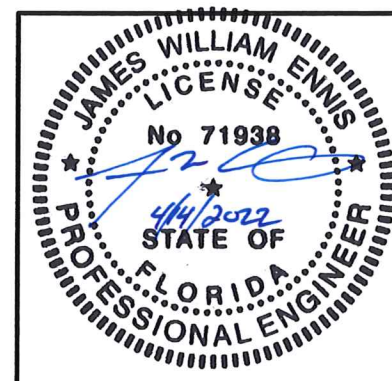
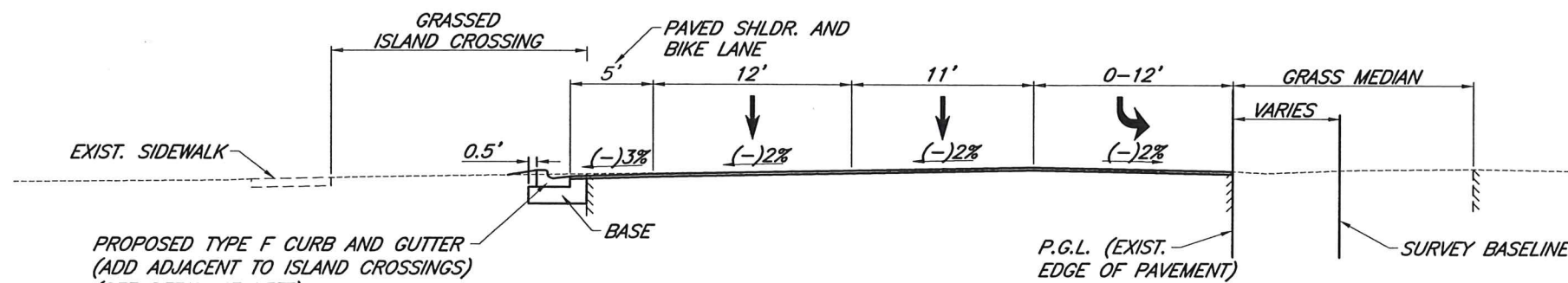
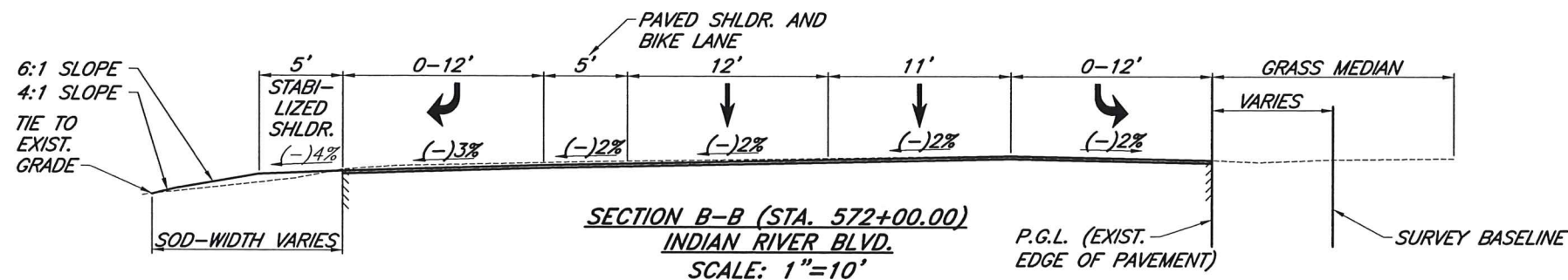
BASE: 12" CEMENTED COQUINA BASE (PRIMED) FDOT BASE GROUP 11 (LBR 100)



DETAIL OF MODIFIED GRASS ISLAND/MEDIAN FOR CURB AND A PROPOSED BIKE LANE AT 41ST ST.
SCALE: 1"=20'



DETAIL PROPOSED CURB AND CEMENTED COQUINA BASE
SCALE: 1"=5'



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E. DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	SECTION 23.25.26.50 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. PAGE	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. AT 41ST ST. TYPICAL SECTION DETAILS	SHEET 4 OF 51
1	PRODUCTION PHASE COMMENTS	8/17/2021	KPH						
2	PRODUCTION PHASE COMMENTS	8/5/2021	KPH						

MILLING AND RESURFACING

MILLING: 1-1/2" AVERAGE DEPTH

RESURFACING: 2" FC-12.5 ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC LEVEL C)

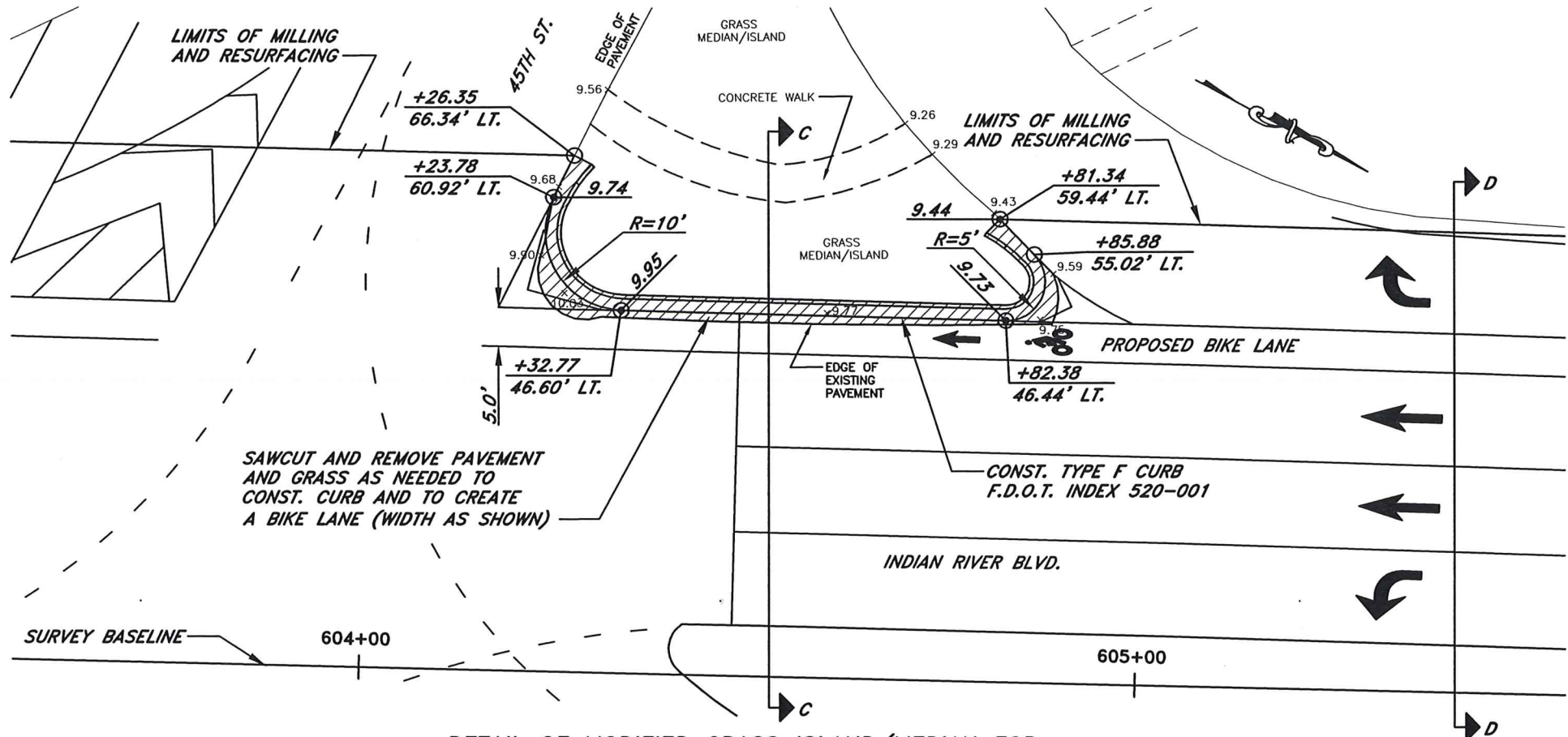
STABILIZATION: 12" TYPE B STABILIZATION (LBR 40, MINIMUM)

MILLING, RESURFACING AND WIDENING AT CURB

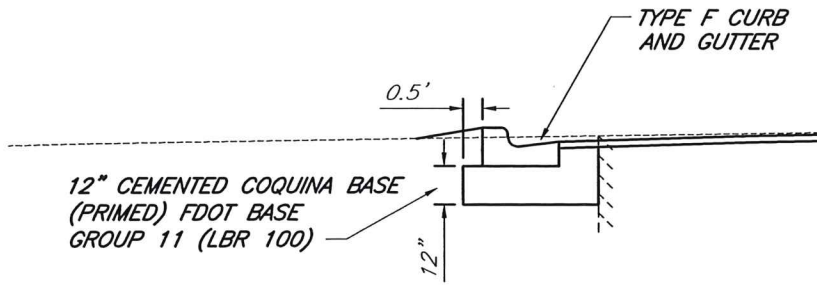
MILLING: 1-1/2" AVERAGE DEPTH

RESURFACING: 2" FC-12.5 ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC LEVEL C)

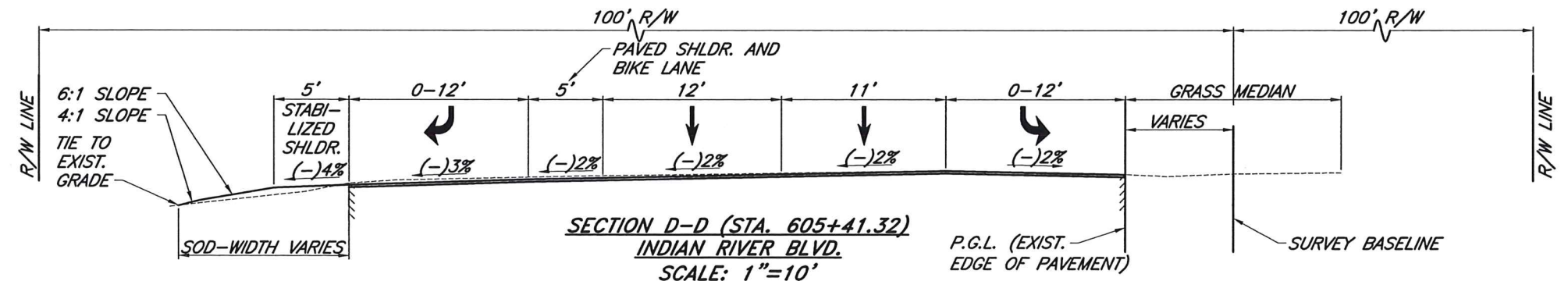
BASE: 12" CEMENTED COQUINA BASE (PRIMED) FDOT BASE GROUP 11 (LBR 100)



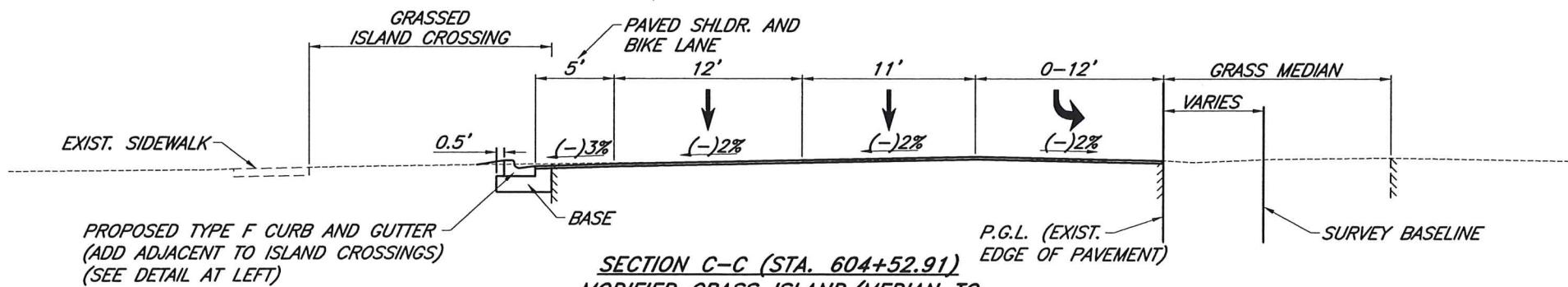
DETAIL OF MODIFIED GRASS ISLAND/MEDIAN FOR CURB AND A PROPOSED BIKE LANE AT 45TH ST. (SOUTHBOUND)
SCALE: 1"=20'



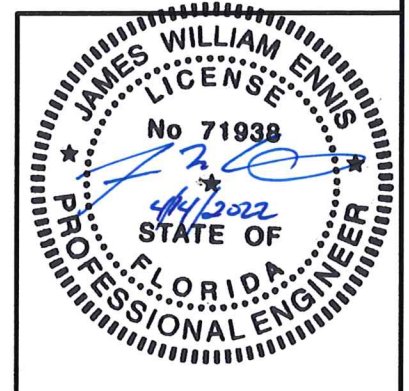
DETAIL PROPOSED CURB AND CEMENTED COQUINA BASE
SCALE: 1"=5'



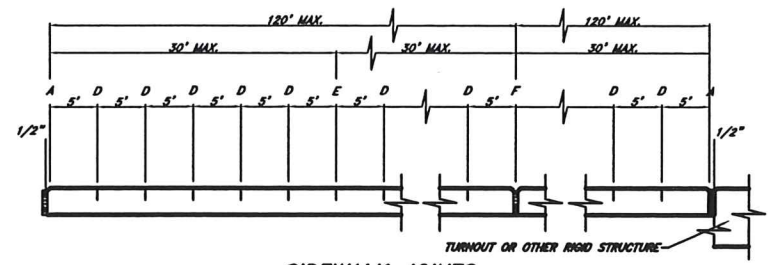
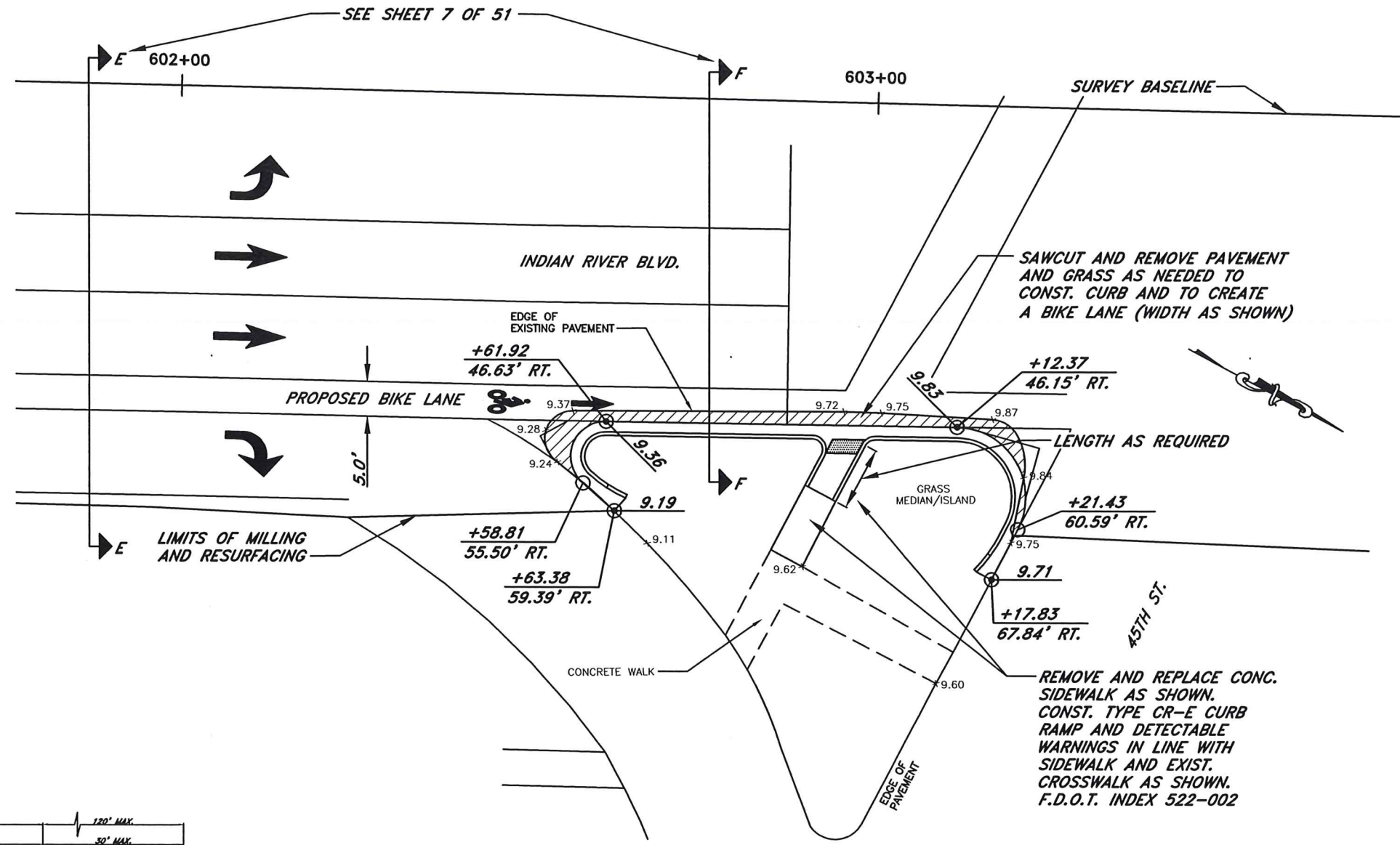
SECTION D-D (STA. 605+41.32) INDIAN RIVER BLVD.
SCALE: 1"=10'



SECTION C-C (STA. 604+52.91) MODIFIED GRASS ISLAND/MEDIAN TO ACCOMMODATE PROPOSED BIKE LANE
SCALE: 1"=10'



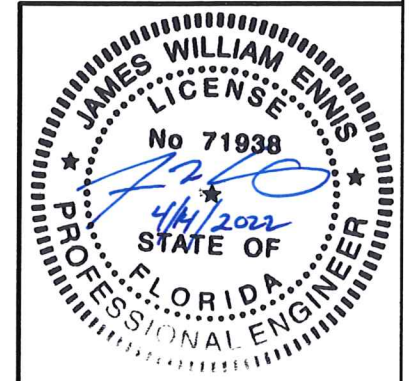
No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E.	SECTION 25-25-26-50	DATE: 3/4/2021	INDIAN RIVER BLVD. AT 45TH ST.	SHEET 5
▲	PRODUCTION PHASE COMMENTS	8/17/2021	KPH		DRAWN BY: K. P. HANSEN	TOWNSHIP 322	COUNTY PROJECT NO. IRC-1707	TYPICAL SECTION DETAILS	OF 51
▲	PRODUCTION PHASE COMMENTS	8/5/2021	KPH		APPROVED BY: J. ENNIS, P.E.	RANGE 39E			



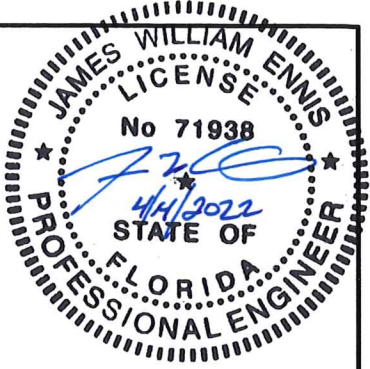
SIDEWALK JOINTS
LONGITUDINAL SECTION - SAW JOINTS
FOOT INDEX #522-001

JOINT LEGEND
 A - 1/2" EXPANSION JOINTS (PREFORMED JOINT FILLER)
 D - 3/16" SAW CUT JOINTS, 1 1/2" DEEP (96 HOUR) MAX. 5' CENTERS
 E - 3/16" SAW CUT JOINTS, 1 1/2" DEEP (12 HOUR) MAX. 30' CENTERS
 F - EXPANSION JOINT WHEN RUN OF SIDEWALK EXCEEDS 120'

DETAIL OF MODIFIED GRASS ISLAND/MEDIAN FOR CURB AND A PROPOSED BIKE LANE AT 45TH ST. (NORTHBOUND)
SCALE: 1"=20'

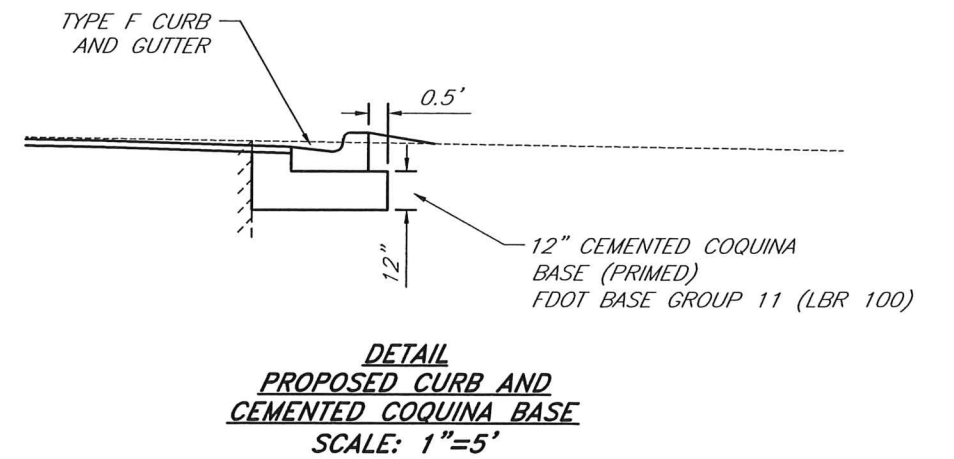
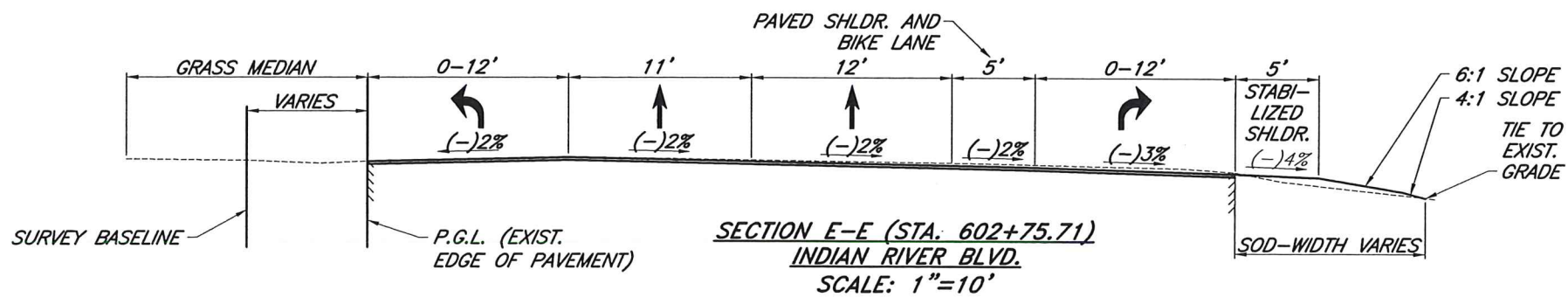
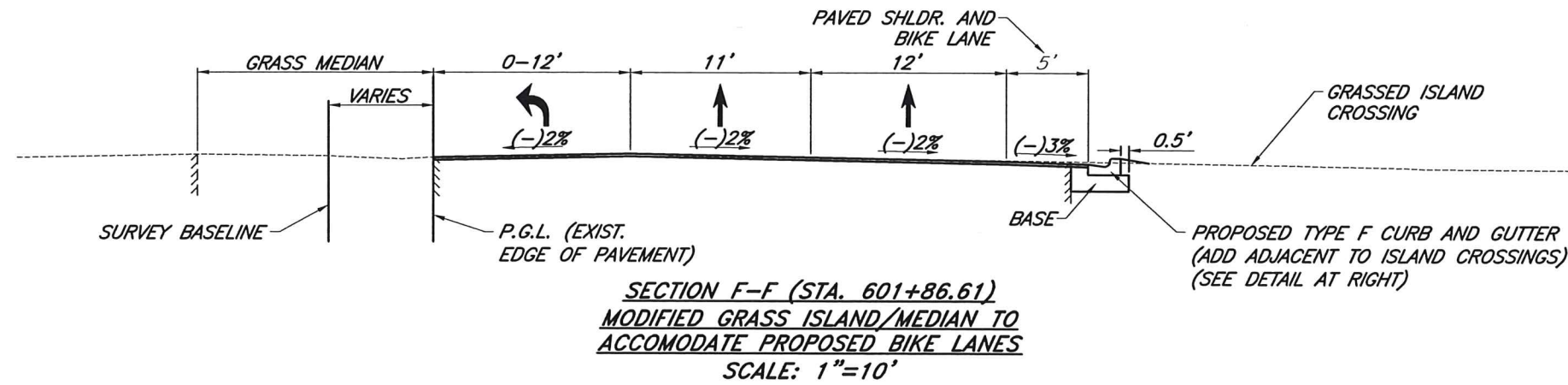


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E. DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	SECTION 25.25.26.56 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. - PAGE -	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. AT 45TH ST. TYPICAL SECTION DETAILS	SHEET 6 OF 51
1	PRODUCTION PHASE COMMENTS	8/17/2021	KPH						
2	PRODUCTION PHASE COMMENTS	8/5/2021	KPH						



<u>MILLING, RESURFACING AND WIDENING AT CURB</u>	
<u>MILLING:</u>	1-1/2" AVERAGE DEPTH
<u>RESURFACING:</u>	2" FC-12.5 ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC LEVEL C)
<u>BASE:</u>	12" CEMENTED COQUINA BASE (PRIMED) FDOT BASE GROUP 11 (LBR 100)

<u>MILLING AND RESURFACING</u>	
<u>MILLING:</u>	1-1/2" AVERAGE DEPTH
<u>RESURFACING:</u>	2" FC-12.5 ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC LEVEL C)
<u>STABILIZATION:</u>	12" TYPE B STABILIZATION (LBR 40, MINIMUM)




No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000		DESIGNED BY: J. ENNIS, P.E.	SECTION 25.25.26.27	DATE 3/4/2021	INDIAN RIVER BLVD. AT 45TH ST. TYPICAL SECTION DETAILS	SHEET 7 OF 51
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH	2700		DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO. IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH	(772) 567-8000		APPROVED BY: J. ENNIS, P.E.	RANGE 39E	PAGE -		

GENERAL NOTES

1. CLEARING AND GRUBBING - WITHIN THE LIMITS OF CONSTRUCTION, ALL VEGETATION AND ROOT MATERIAL SHALL BE REMOVED.
2. ALL WORK SHALL BE COMPLETED FROM AND WITHIN THE EXISTING RIGHT OF WAY.
3. ALL VEGETATION, DEBRIS, CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE IN AN AREA PROVIDED BY THE CONTRACTOR.
4. UTILITIES - THE LOCATION OF THE EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE AT NO ADDITIONAL COST, TO VERIFY IF OTHER UTILITIES ARE NOT SHOWN ON THE PLANS OR EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNERS TO RESOLVE UTILITY CONFLICTS AND UTILITY ADJUSTMENTS, AS REQUIRED.
5. THE CONTRACTOR SHALL CALL "SUNSHINE STATE ONE-CALL" AT 1-800-432-4770, 48 HOURS PRIOR TO DIGGING FOR FIELD LOCATION OF UNDERGROUND UTILITIES.
6. FOR FURTHER UTILITY COORDINATION CONTACT:
 ROB MORRIS, FLORIDA POWER & LIGHT CO. (772) 223-4215
 LUKE FOLKERTS, AT&T (321) 953-6172
 HARRISON YOUNGBLOOD, P.E., INDIAN RIVER COUNTY UTILITIES (772) 226-4343
 ANTHONY SPRINGSTEEL, COMCAST CABLE COMMUNICATIONS (561) 804-0973
 TODD YOUNG, CITY OF VERO BEACH WATER & SEWER (772) 978-5209
 RON MULLER, FLORIDA CITY GAS (321) 638-3424
 RYAN FRANKLIN, INDIAN RIVER COUNTY TELECOMMUNICATIONS (772) 226-1528
 ERIK FERGUSON, P.E., INDIAN RIVER COUNTY TRAFFIC ENGINEERING DIVISION (772) 226-1568
 JOSEPH SANCHEZ, FLORIDA GAS & TRANSMISSION (407) 838-7171
 DAVID GUNTER, INDIAN RIVER FARMS WATER CONTROL DISTRICT (772) 562-2141
 ANDY POINKANS, FIBERNET DIRECT/CROWN CASTLE FIBER (561) 365-9001
 JOSEPH SANCHEZ, FLORIDA GAS TRANSMISSION COMPANY (407) 838-7171
 DOUG MORELAND, FLORIDA PUBLIC UTILITIES (561) 366-1635
 ELIO BUSTOS, NEXTERA ENERGY, (305) 835-3618
7. ANY EXISTING ROADWAY AND/OR UTILITY THAT IS DAMAGED BY THE CONTRACTOR SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
8. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
9. ELEVATIONS - ALL ELEVATIONS AND BENCHMARK INFORMATION REFER TO NORTH AMERICAN VERTICAL DATUM, 1988.
10. STATIONS AND OFFSETS REFER TO THE BASELINE OF SURVEY OF INDIAN RIVER BOULEVARD.
11. ANY N.G.V.D. 1929 MONUMENT, N.A.V.D. 1988 MONUMENT, GOVERNMENTAL LAND CORNER OR SURVEY MONUMENTATION WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY:
 DAVID W. SCHRYVER, PSM
 INDIAN RIVER COUNTY SURVEYOR
 (772) 226-1386
12. ALL EXISTING SURVEY AND PROPERTY CORNER MONUMENTS LOCATED WITHIN THE AREA OF PROPOSED CONSTRUCTION ARE TO BE REFERENCED PRIOR TO CONSTRUCTION AND RESET AFTER CONSTRUCTION BY A FLORIDA LICENSED PROFESSIONAL LAND SURVEYOR.
13. ALL CHANGES SHALL BE APPROVED IN WRITING BY INDIAN RIVER COUNTY.
14. ALL WORK SHALL BE DONE IN A WORKMANLIKE MANNER AND SHALL CONFORM TO ALL APPLICABLE CITY, COUNTY, STATE OR FEDERAL REGULATIONS AND/OR CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND LICENSES REQUIRED PRIOR TO INITIATING WORK.

15. ALL PAVEMENT AND CURBING RADII, STATIONING, OFFSETS AND ELEVATIONS REFER TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
16. THE FINISHED ROAD SECTION SHALL BE SMOOTH AND SET TO DRAIN PER THE TYPICAL SECTION.
17. THE CONTRACTOR SHALL COORDINATE THE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREAS WITH INDIAN RIVER COUNTY.
18. ALL DISTURBED AREAS THAT REQUIRE SOD SHALL BE SODDED WITHIN THREE DAYS OF FINAL GRADING.
19. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E. DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	SECTION 21-25-26-50 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. - PAGE -	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. RESURFACING GENERAL NOTES	SHEET 8 OF 51
▲	PRODUCTION PHASE COMMENTS	8/5/2021	KPH							

ITEM NO.	DESCRIPTION	UNITS	ESTIMATED QUANTITY
ROADWAY			
0101 1	MOBILIZATION	LS	1
0102 1	MAINTENANCE OF TRAFFIC	LS	1
0104 1	PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION	LS	1
0110 1 1	CLEARING & GRUBBING	LS	1
0120 1	REGULAR EXCAVATION	LS	1
0120 6	EMBANKMENT	LS	1
0160 4	TYPE B STABILIZATION (12" SUBGRADE, LBR 40, MINIMUM)	SY	14,580
0285711	OPTIONAL BASE, BASE GROUP 11 (12" CEMENTED COQUINA)	SY	2,916
0327 70 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	119,833
0334 1 13	SUPERPAVE ASPHALTIC CONC. TRAFFIC C (PG76-22, S.P. 12.5, 2" THICK)	TN	13,252
0425 14 1	GRATE FOR EXISTING DRAINAGE STRUCTURE, FURNISH AND INSTALL	SF	63
0425 6	VALVE BOXES, ADJUST	EA	1
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	256
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK (FIBERMESH REINFORCED)	SY	12
0527 2	DETECTABLE WARNINGS	SF	9
0570 1 2	PERFORMANCE TURF, SOD (BAHIA)	SY	3,000
0570 1 2A	PERFORMANCE TURF, SOD (FLORATAM)	SY	3,000
0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	33,415
0630 2 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,764
0633 1123	FIBER OPTIC CABLE, F&I, UNDERGROUND, 49-96 FIBERS	LF	18,000
0635 2 12	PULL & SPLICE BOX, F&I, 24"X36" COVER SIZE (PULL BOX)	EA	35
0635 2 13	PULL AND SPLICE BOX, F&I, 30"X60" RECTANGULAR OR 36" ROUND COVER SIZE (SLACK BOX)	EA	9
0706 1 3	RAISED PAVEMENT MARKER, TYPE B (BI-DIRECTIONAL AMBER/AMBER)	EA	291
0706 1 3A	RAISED PAVEMENT MARKER, TYPE B (BI-DIRECTIONAL WHITE/RED)	EA	1,503
0706 1 3B	RAISED PAVEMENT MARKER, TYPE B (BI-DIRECTIONAL WHITE/MONO)	EA	67
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	773
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1,269
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	364
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/6-10 GAP EXTENSION, 6"	GM	2,000
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL (HELMETED BICYCLE SYMBOL AND BIKE LANE ARROW)	EA	50
0711 11160A	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL (MERGE WITH ARROW)	EA	12
0711 11160B	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL (ONLY)	EA	6
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	96
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	344
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION LINE, 6"	GM	0.238
0711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	11.115
0711 16 102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.516
0711 16 131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	5.263
0711 16 201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	5.206
999-1	CONSTRUCTION LAYOUT/RECORD DRAWINGS	LS	1

PAY ITEM FOOTNOTES

0102 1: INCLUDES SIGNS, MESSAGE BOARDS, BARRICADES AND ALL OTHER TRAFFIC INCIDENTAL ITEMS REQUIRED FOR THE MAINTENANCE OF TRAFFIC. ASPHALTIC TRACKING ADJACENT TO PROJECT WILL REQUIRE REPLACEMENT OF PERMANENT THERMOPLASTIC STRIPING. COST TO BE INCLUDED WITHIN THIS ITEM.

0110 1 1: INCLUDES BUT NOT LIMITED TO SAW CUT AND/OR REMOVAL OF EXISTING PAVEMENT, ASPHALT OR CONCRETE AND/OR STRUCTURES.

0160 4: TYPE "B" STABILIZATION AND SHOULDER STABILIZATION TO BE INCLUDED IN COST.

0285711: THE COST OF PRIME OR TACK COATS USED BETWEEN LAYERS OF THE BASE ARE INCLUDED IN THE COST OF THE OPTIONAL BASE.

0334 1 13: INCLUDES THE TACK COAT BETWEEN ASPHALT LAYERS. ASPHALT SHALL BE TRAFFIC LEVEL C.

0570 1 2 AND 0570 1 2A: THE CONTRACTOR SHALL MAINTAIN SOD AREAS UNTIL THE CONSTRUCTION CONTRACT IS COMPLETE.

THE CONTRACTOR SHALL COMPLY WITH THE STATE OF FLORIDA TRENCH SAFETY ACT.

PAVEMENT MARKING NOTES:

1. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED ALKYD BASE THERMOPLASTIC.

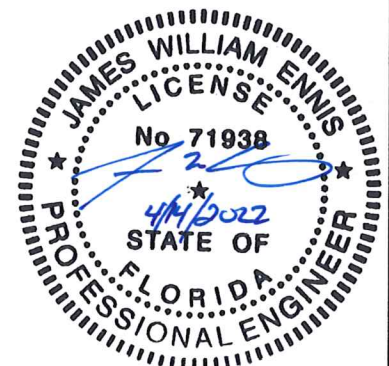
2. RPMS SHALL BE POSITIONED IN ACCORDANCE WITH F.D.O.T. INDEX #706-001 AND THIS PLAN.

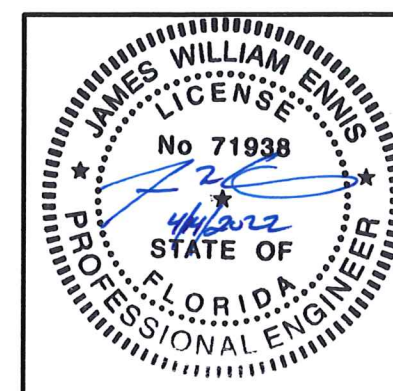
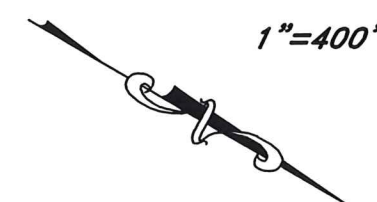
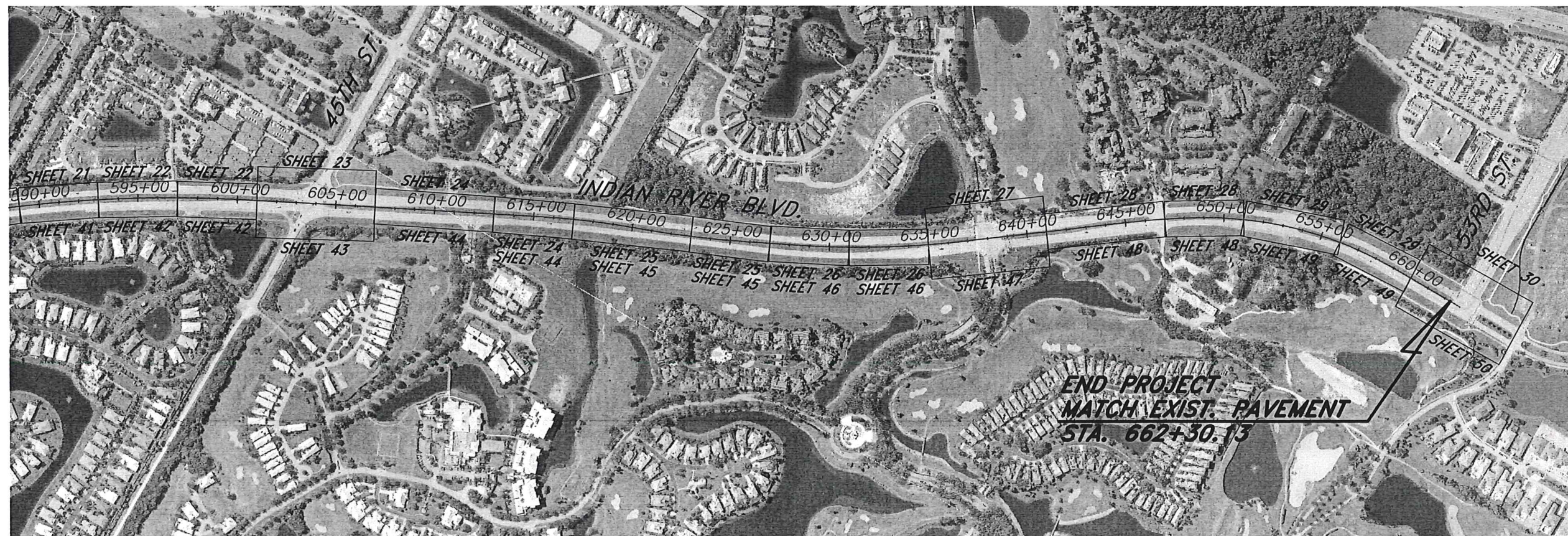
3. PRIOR TO PLACEMENT OF THERMOPLASTIC/PAINT PAVEMENT MARKINGS, PER THE APPROVED PLANS, THE LAYOUT OF THE PROPOSED PAVEMENT MARKINGS LOCATION SHALL BE COMPLETED.


4. ALL PAVEMENT MARKINGS SHALL MEET SPECIFICATIONS AND BE IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, F.D.O.T. DESIGN STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009, F.D.O.T. TRAFFIC ENGINEERING MANUAL, AND THE INDIAN RIVER COUNTY STANDARDS, LATEST EDITIONS.

5. ALL PAVEMENT MARKING MATERIAL SHALL BE ON THE DEPARTMENT OF TRANSPORTATION APPROVED PRODUCTS LIST (APL), IN ADDITION TO BEING APPROVED BY INDIAN RIVER COUNTY TRAFFIC ENGINEERING, PRIOR TO COUNTY ROADWAY INSTALLATION.

6. THE METHOD OF REMOVAL OF PAVEMENT MARKINGS SHALL BE HYDROBLASTING AND IN ACCORDANCE WITH F.D.O.T STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2020, SECTION 711.





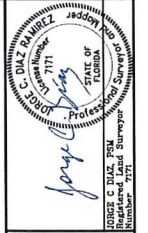
No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: K. P. HANSEN, P.E.	SECTION 23, 25, 26, 36 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. -	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. RESURFACING PROJECT LAYOUT	SHEET 10 OF 51
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INDIAN RIVER BOULEVARD

INDIAN RIVER COUNTY, FLORIDA

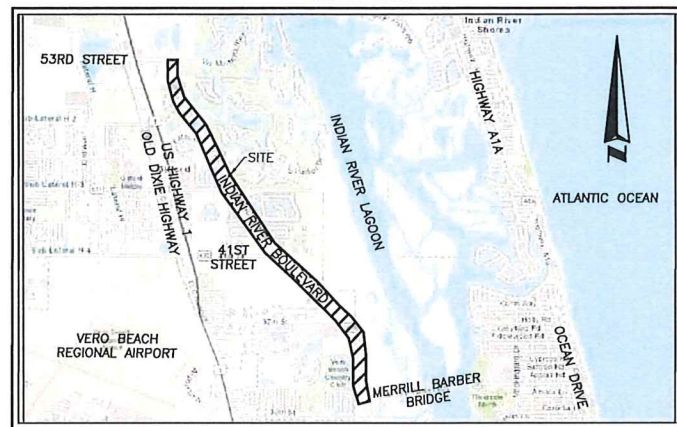
Jorge C
Diaz
Ramirez

Digitally signed by Jorge C. Diaz Ramirez
DN: cn=Jorge C. Diaz Ramirez, o=Southeastern Surveying & Mapping, ou, email=jdiaz@southeasternsurveying.com, c=US
Date: 2021.08.05 06:22:22 -04'00'



SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
6500 All American Boulevard
Orlando, Florida 32810-4350
(407) 295-8590
e-mail: info@semsurveying.com
Certification Number 132108

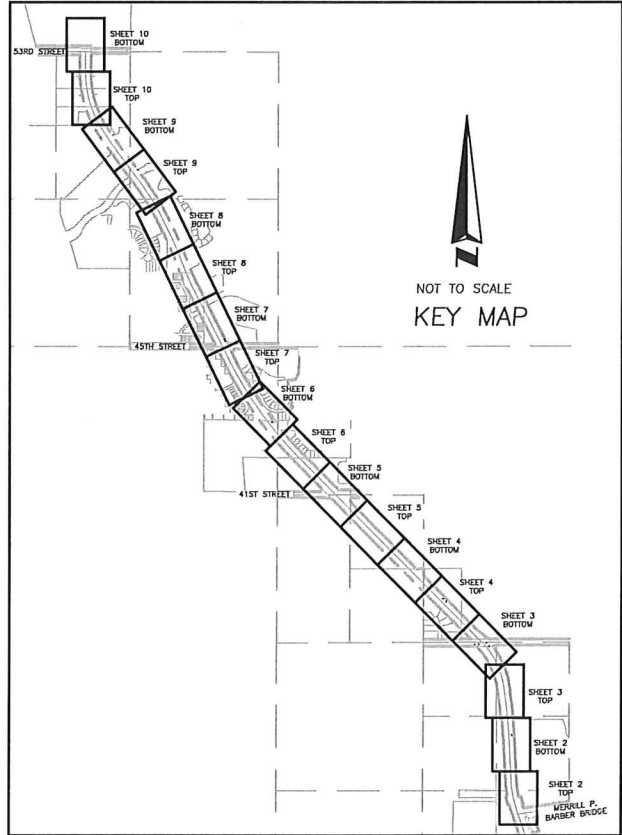
VICINITY MAP
NOT TO SCALE



SHEET LAYOUT
SHEET 1 COVER & KEY MAP
SHEETS 2-10 TOPOGRAPHIC DETAILS

- LEGEND & ABBREVIATIONS:**
- ☉ = DRAINAGE MANHOLE
 - ⊕ = ELECTRIC FIXTURE
 - ☐ = FLAT GRATE INLET
 - ⊕ = FIRE HYDRANT
 - = IRON ROD
 - = NAIL W/DISC
 - ◊ = MITERED END SECTION
 - = UTILITY POLE
 - ⚡ = NON-TRAFFIC SIGN
 - ⚡ = TRAFFIC SIGN
 - ⚡ = VAULT
 - ☐ = WIRING PULL BOX
 - ⚡ = WATER VALVE
 - X = CROSS CUT
 - NGS = NATIONAL GEODETIC SURVEY
 - L = LENGTH
 - R = RADIUS
 - Δ = DELTA
 - CHD = CHORD DISTANCE
 - CHB = CHORD BEARING
 - = IRON ROD
 - = NAIL&DISC
 - F.D.O.T. = FLORIDA DEPARTMENT OF TRANSPORTATION
 - ADJ = ADJUSTED
 - PT = POINT
 - NO. = NUMBER
 - STA = STATION
 - LT = LEFT
 - RT = RIGHT
 - ORB = OFFICIAL RECORDS BOOK
 - PG(S) = PAGE(S)
 - LB = LICENSED BUSINESS
 - R/W = RIGHT OF WAY
 - NAVD = NORTH AMERICAN VERTICAL DATUM
 - TRAV.PT. = TRAVERSE POINT
 - SSMC = SOUTHEASTERN SURVEYING & MAPPING CORPORATION
 - PSM = PROFESSIONAL SURVEYOR AND MAPPER
 - PG(S) = PAGE(S)
 - BL = BASELINE
 - ☉ = PALM

SIZE SHOWN IS TRUNK DIAMETER IN INCHES MEASURED AT CHEST HEIGHT



DESCRIPTION:
A portion of Section 23, 24, 25, 26 & 36 Township 32 South, Range 39 East, lying in Indian River County, Florida.

- SURVEYOR'S REPORT:**
- Utility locations if shown hereon are based on field location of markings by utility company representatives, surface features and construction plans furnished to the surveyor. Additional sub-surface utilities may exist that have not been field located.
 - Rights of way that appear on recorded plans or that have been furnished to the surveyor by others have been incorporated into this drawing with appropriate notation. Other easements may be discovered by a search of the Public Records.
 - Minimum Horizontal Accuracy for this survey is in accordance with the STANDARDS OF PRACTICE set forth by the Board of Professional Surveyors and Mappers in Chapter 5J-17 requirements of Florida Administration Code. The map and measurement methods used for this survey meet or exceed this requirement. The dimensions shown hereon are in United States survey feet and decimals thereof.
 - This survey does not determine ownership of the lands shown hereon.
 - Underground foundations have not been located.
 - Survey map and report or the copies thereof are not valid without the original signature and seal or the electronic signature and seal of a Florida Licensed Surveyor and Mapper, and if shown hereon is in compliance with Florida Administrative Code 5J-17.062 and Florida Statute 472.025.
 - Features shown by symbol as indicated in the legend are not to scale.
 - Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without written consent of the signing party or parties.
 - Vertical information shown hereon refers to National Geodetic Survey point with Designation CPS 149 PID A45742 with a published elevation of 5.16 feet (NAVD88), point with Designation JDAVIS PID D02134 with a published elevation of 3.18 feet (NAVD88), point with Designation TCOOK PID D02135 with a published elevation of 7.69 feet (NAVD88), and point with Designation W 632 PID D13900 with a published elevation of 4.00 feet (NAVD88).
 - Horizontal positions for all features shown on the map are relative to North American Datum of 1983 (NAD83), 2007 adjustment, State Plane Coordinate System, Florida East Zone. Control point(s) used for this survey are National Geodetic Survey (NGS) points PID#A45742, PID#D09445, PID#D02134, PID#D02135 and PID#D13900; distances shown are GRID distances.
 - This Survey was performed without benefit of an abstract, title search, title opinion or title commitment. A title search may reveal additional information affecting the parcel as shown.
 - Improvements and Topographic features shown hereon are limited to areas per specific instructions of the client. No sanitary or stormwater structures were detailed by Southeastern Surveying and Mapping Corp. per specific instructions of the client.
 - Right of Way underlying information shown in gray-scale are features located by Kemly-Horn & Associates Inc. in Indian River Boulevard Right of Way Maps North Dated July 20, 2015, E.C. Demeter, PSM, as provided by Indian River County. The overlaid information are features located by Southeastern Surveying & Mapping Corp., during the As-Built survey dated 02/17/2021.

NOTICE OF LIABILITY:
This survey is certified to those individuals shown on the face thereof. Any other use, benefit or reliance by any other party is strictly prohibited and restricted. Surveyor is responsible only to those certified and hereby disclaims any other liability and hereby restricts the rights of any other individual or firm to use this survey, without express written consent of the surveyor.

CONTROL POINTS				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
500	1209408.64	850699.78	6.67	TP ND SSMC CHEVRON-ADJ
502	1209433.50	850993.61	6.75	TP ND SSMC CHEVRON-ADJ
504	1209492.50	853720.84	6.82	TP RT SSMC TRAV PT-ADJ
506	1209480.85	855620.33	8.03	TP ND SSMC TRAV PT-ADJ
508	1209239.49	855587.47	6.23	TP ND SSMC CHEVRON-ADJ
510	1209799.90	855527.91	4.54	TP RT SSMC TRAV PT-ADJ
512	1208102.22	854464.89	5.36	TP ND SSMC CHEVRON-ADJ
516	1208951.39	854441.77	8.51	TP ND SSMC CHEVRON-ADJ
518	1209243.71	855307.79	5.54	TP ND SSMC TRAV PT-ADJ
520	1209715.23	855032.59	8.27	TP ND SSMC CHEVRON-ADJ
522	1209704.51	854796.88	4.59	TP ND SSMC CHEVRON-ADJ
524	1209919.37	854635.50	3.52	TP ND SSMC TRAV PT-ADJ
526	1210250.50	854269.68	5.11	TP ND SSMC CHEVRON-ADJ
528	1210645.10	853916.35	3.21	TP ND SSMC TRAV PT-ADJ
530	1210904.69	853845.57	5.00	TP ND SSMC CHEVRON-ADJ
532	1211081.73	853486.14	4.09	TP ND SSMC TRAV PT-ADJ
534	1211482.77	853159.41	5.03	TP ND SSMC CHEVRON-ADJ
536	1211709.64	852869.27	3.87	TP ND SSMC TRAV PT-ADJ
538	1212117.18	852653.66	4.82	TP ND SSMC CHEVRON-ADJ
540	1212660.40	851851.22	5.34	TP ND SSMC CHEVRON-ADJ
542	1212827.00	851630.69	5.88	TP ND SSMC TRAV PT-ADJ

CONTROL POINTS				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
544	1213331.73	851447.38	6.59	TP ND SSMC CHEVRON-ADJ
546	1213938.72	850854.75	8.21	TP ND SSMC CHEVRON-ADJ
548	1214367.41	850551.21	8.68	TP ND SSMC TRAV PT-ADJ
550	1214753.89	850504.23	7.04	TP ND SSMC CHEVRON-ADJ
552	1215054.42	850218.63	6.66	TP ND SSMC TRAV PT-ADJ
554	1215448.22	850029.18	7.75	TP ND SSMC CHEVRON-ADJ
556	1215791.64	849812.36	7.19	TP ND SSMC TRAV PT-ADJ
558	1216266.06	849745.53	8.22	TP ND SSMC CHEVRON-ADJ
560	1216591.79	849459.16	7.84	TP ND SSMC TRAV PT-ADJ
562	1216973.25	849341.99	8.26	TP ND SSMC CHEVRON-ADJ
564	1217356.33	849098.85	7.71	TP ND SSMC TRAV PT-ADJ
566	1217801.66	849011.04	8.67	TP ND SSMC CHEVRON-ADJ
568	1218167.53	848678.85	9.18	TP ND SSMC TRAV PT-ADJ
570	1218415.41	848430.81	14.40	TP ND SSMC CHEVRON-ADJ
572	1218759.86	848151.01	14.78	TP ND SSMC TRAV PT-ADJ
574	1219200.34	848047.65	9.70	TP ND SSMC CHEVRON-ADJ
576	1219537.89	847785.73	7.26	TP ND SSMC TRAV PT-ADJ
578	1219979.67	847606.40	8.56	TP ND SSMC CHEVRON-ADJ
580	1220375.35	847391.90	6.98	TP ND SSMC TRAV PT-ADJ
582	1220319.51	847335.42	9.71	TP ND SSMC CHEVRON-ADJ

NGS CONTROL POINTS				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
149	1212322.53	852166.48	5.16	GPS 149 1998 AH5742 SurvDisc
164	1213640.29	851059.63	5.64	GPS 164 2004 SurvDisc
632	1206536.30	852647.50	4.00	W 632 D3900 FlangeDressedRod
2134	1209726.30	854531.85	3.18	JDAVIS D02134 FlangeDressedRod
2135	1214933.91	849303.45	7.69	TCOOK D02135 FlangeDressedRod

INDIAN RIVER COUNTY BENCHMARKS				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
101	1217865.05	848788.03	8.58	U.R.C. BM076044 XCVT
102	1215776.77	849997.65	8.40	U.R.C. BM076038 PX
107	1209981.91	854807.44	5.41	U.R.C. BM076013 Nch In PP
108	1209753.19	854798.69	4.12	U.R.C. BM264003 XCVT
514	1208517.29	854464.73	6.13	U.R.C. BM939004 ND

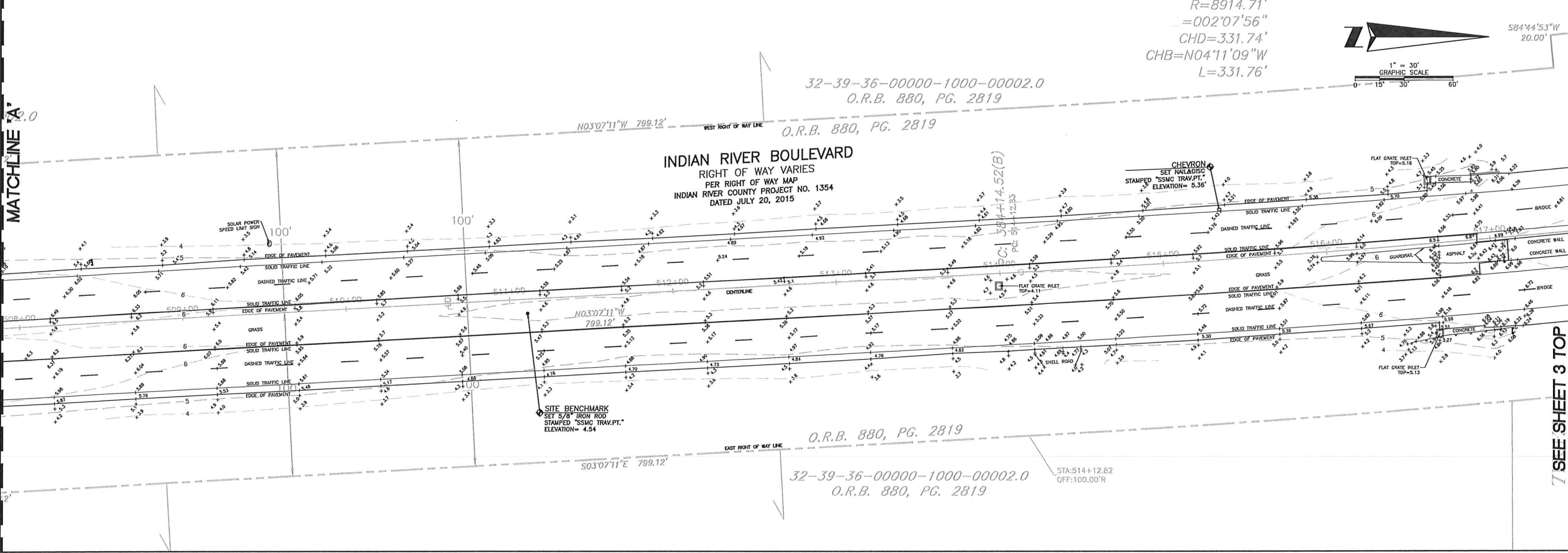
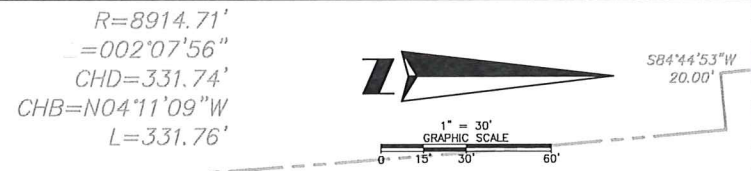
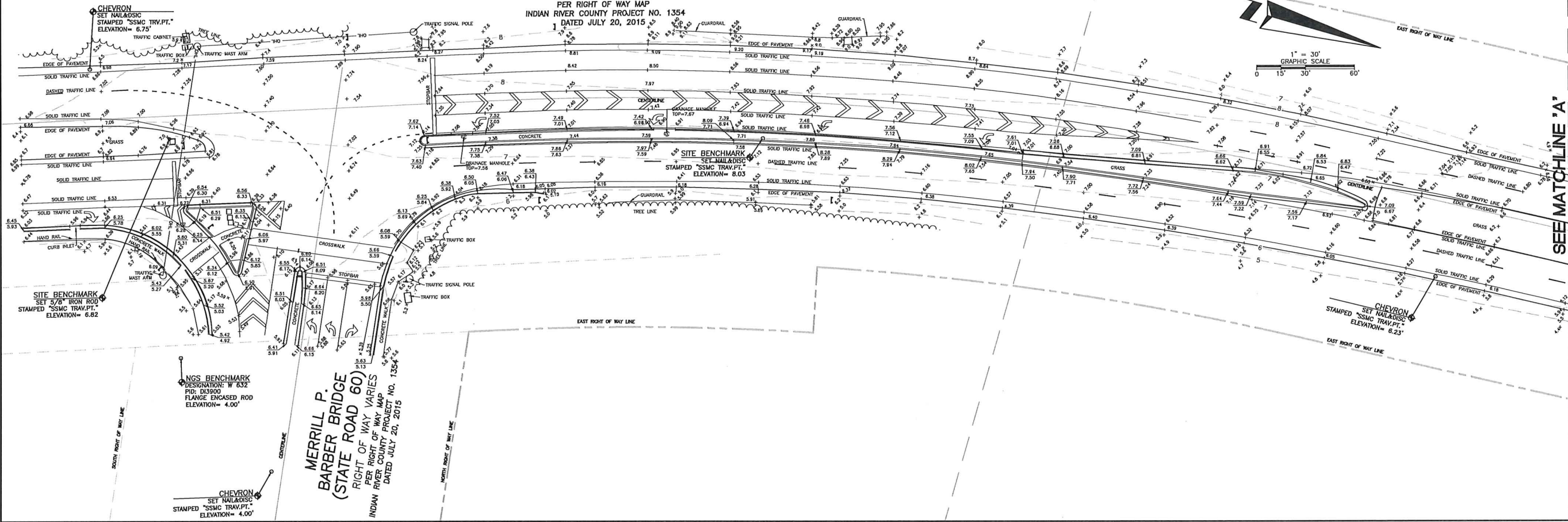
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REVISION DATE	REVISION	BY
08/02/2021	Revised Per Client's Comments	AR

Topographic Survey
Project: Indian River Blvd. Milling and Resurfacing Project 66th Avenue from Merrill P. Barber Bridge through Intersection with Township 32 South, Range 39 East, Indian River County, Florida.
Field Date: February 17, 2021.
Drawn By: AR
AS SHOWN

Indian River County
Certified by:
DRAWING NUMBER
66091001C
SHEET NUMBER
1 OF 10

INDIAN RIVER BOULEVARD
RIGHT OF WAY VARIES
PER RIGHT OF WAY MAP
INDIAN RIVER COUNTY PROJECT NO. 1354
DATED JULY 20, 2015



SHEET NUMBER 2 OF 10 NOT VALID WITHOUT SHEETS 1 THROUGH 10

SEE MATCHLINE 'A'

SEE MATCHLINE 'A'

SEE SHEET 3 TOP

DRAWING NUMBER 6001001C SHEET NUMBER 2 OF 10

SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
6500 All American Boulevard
Orlando, Florida 32810-4350
(407) 296-8696
e-mail: info@seasurveying.com
Certification Number: LR2108

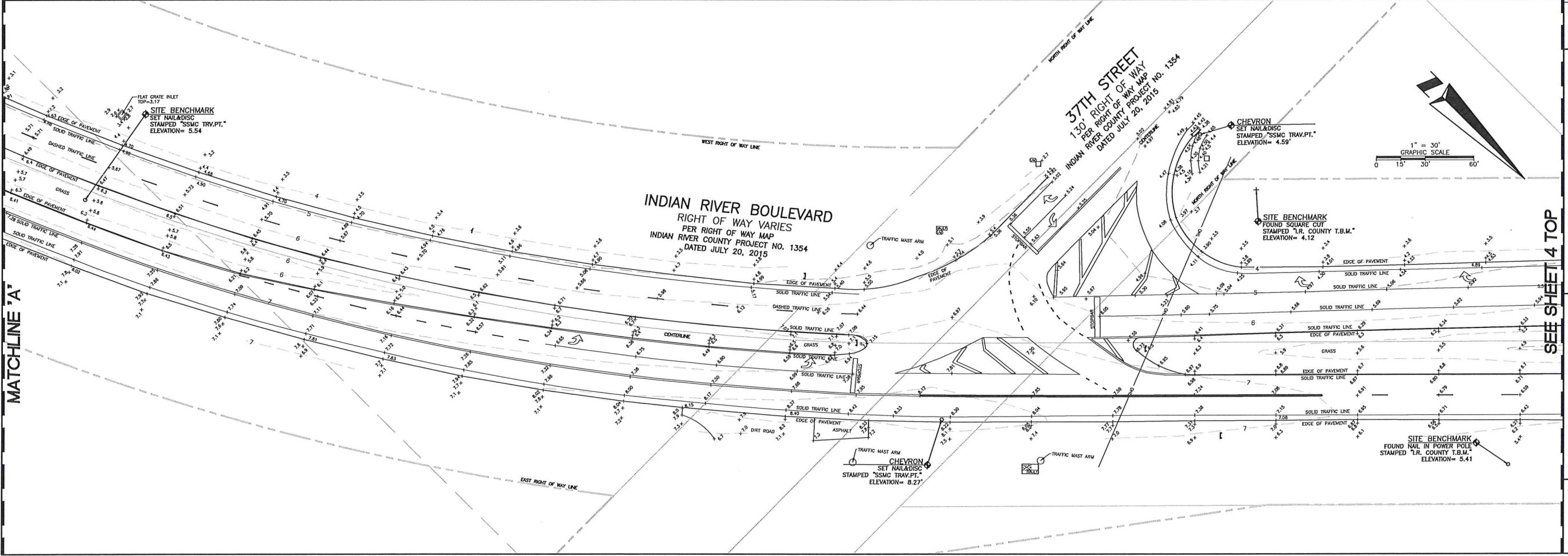
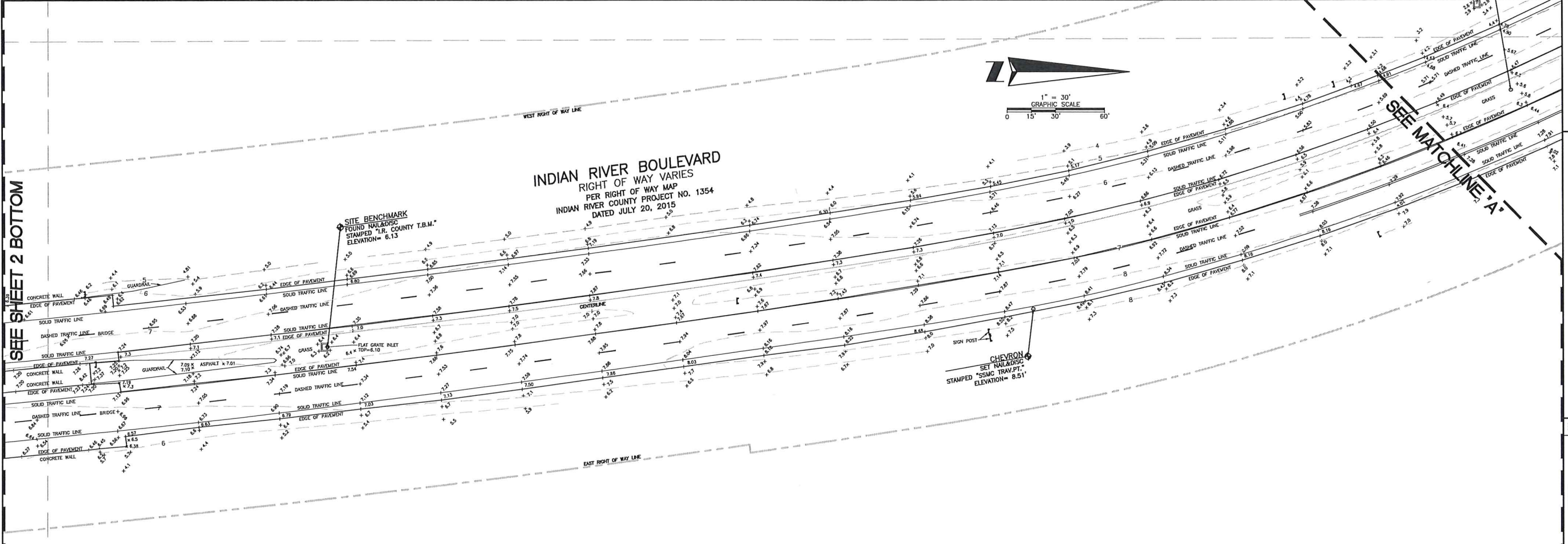
REVISION DATE	REVISION	BY	AR
08/02/2021	Revised Per Client Comments	AR	

Topographic Survey
Indian River Boulevard
Vero Beach, Florida

Project: Indian River Boulevard Vero Beach, Florida
Field Date: February 17, 2021
Drawn By: AR
Scale: 1" = 30'

SEE SHEET 1 FOR NOTES, LEGEND AND DESCRIPTION.

P:\6001 Indian River Mobile User\DWG\3D\6001001C.dwg



SEE SHEET 2 BOTTOM

SEE MATCHLINE 'A'

MATCHLINE 'A'

SEE SHEET 4 TOP

SHEET NUMBER 3 OF 10
NOT VALID WITHOUT SHEETS
1 THROUGH 10



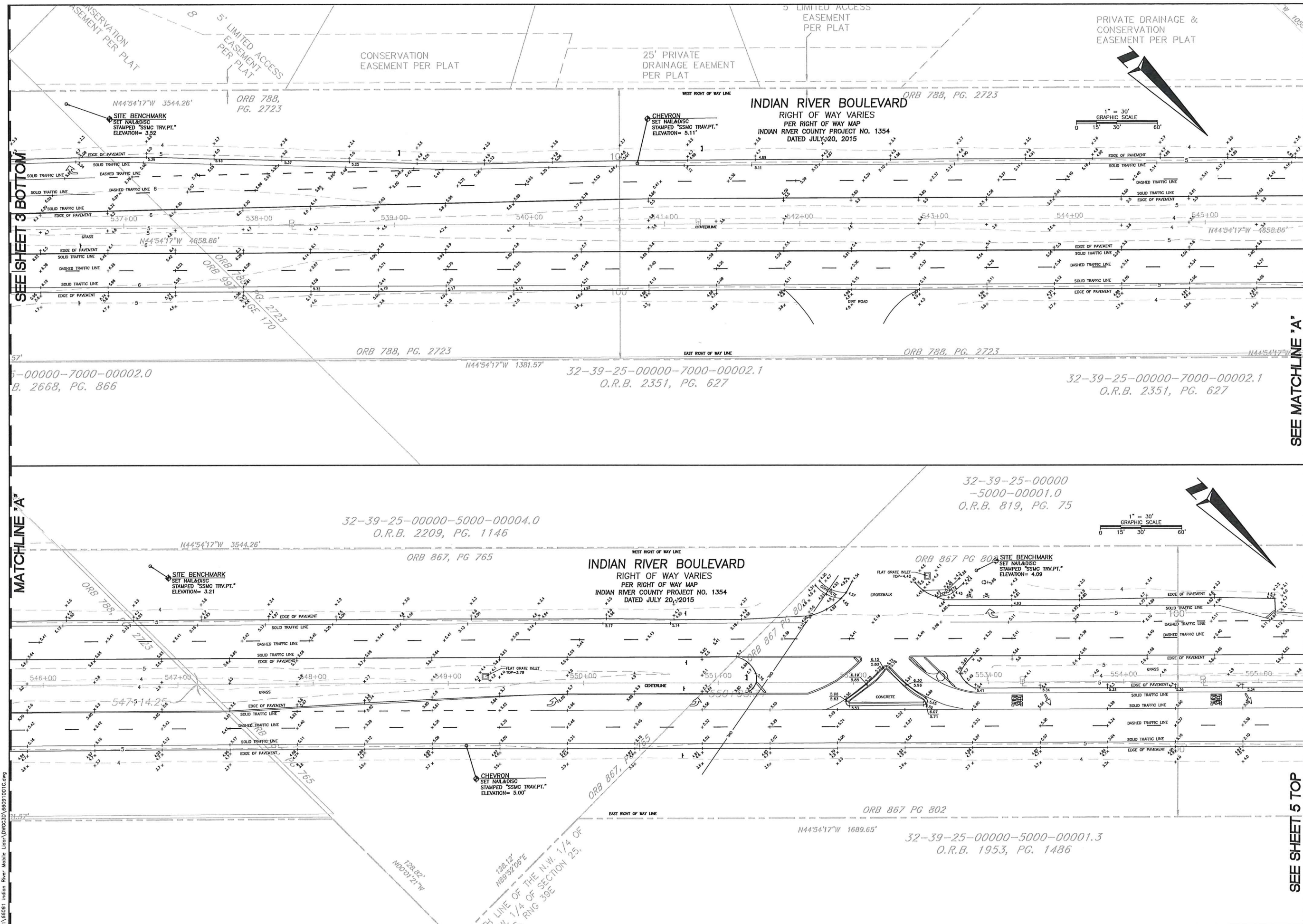
**SOUTHEASTERN SURVEYING
AND MAPPING CORPORATION**
6800 All American Boulevard
Orlando, Florida 32810-4350
(407) 282-8860
e-mail: info@seasurveying.com
Certification Number: 138208

BY	REVISION
AR	
Reviewed Per Client's Comments	
06/02/2021	

Project: Topographic Survey
Indian River Boulevard
Vero Beach, Florida
Scale: 1" = 30'
Drawn By: AR
Field Date: February 17, 2021

SEE SHEET 1 FOR NOTES,
LEGEND AND DESCRIPTION.

DRAWING NUMBER
88091001C
SHEET
NUMBER
3 OF 10



SEE SHEET 3 BOTTOM

MATCHLINE 'A'

SEE MATCHLINE 'A'

SEE SHEET 5 TOP

SHEET NUMBER 4 OF 10
NOT VALID WITHOUT SHEETS
1 THROUGH 10

SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
6600 Al American Boulevard
Orlando, Florida 32810-4350
(407) 292-6990
e-mail: info@semsurveying.com
Certification Number 182108

REVISION	DATE	BY	AR	Comments
08/02/2021				Revised Per Client's Comments

Project: **Topographic Survey**
Indian River Boulevard
Yero Beach, Florida

Field Date: February 17, 2021
Drawn By: AR
Scale: 1" = 30'

SEE SHEET 1 FOR NOTES, LEGEND AND DESCRIPTION.

DRAWING NUMBER
66091001C
SHEET NUMBER
4 OF 10

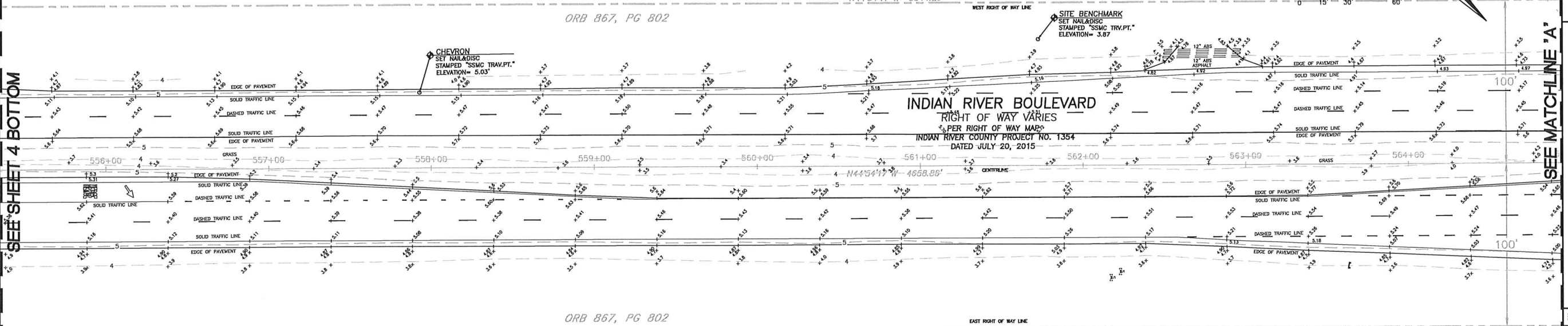
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32-39-25-00000-5000-00001.0
O.R.B. 819, PG. 75

N44°54'17"W 3544.26'

ORB 867, PG 802

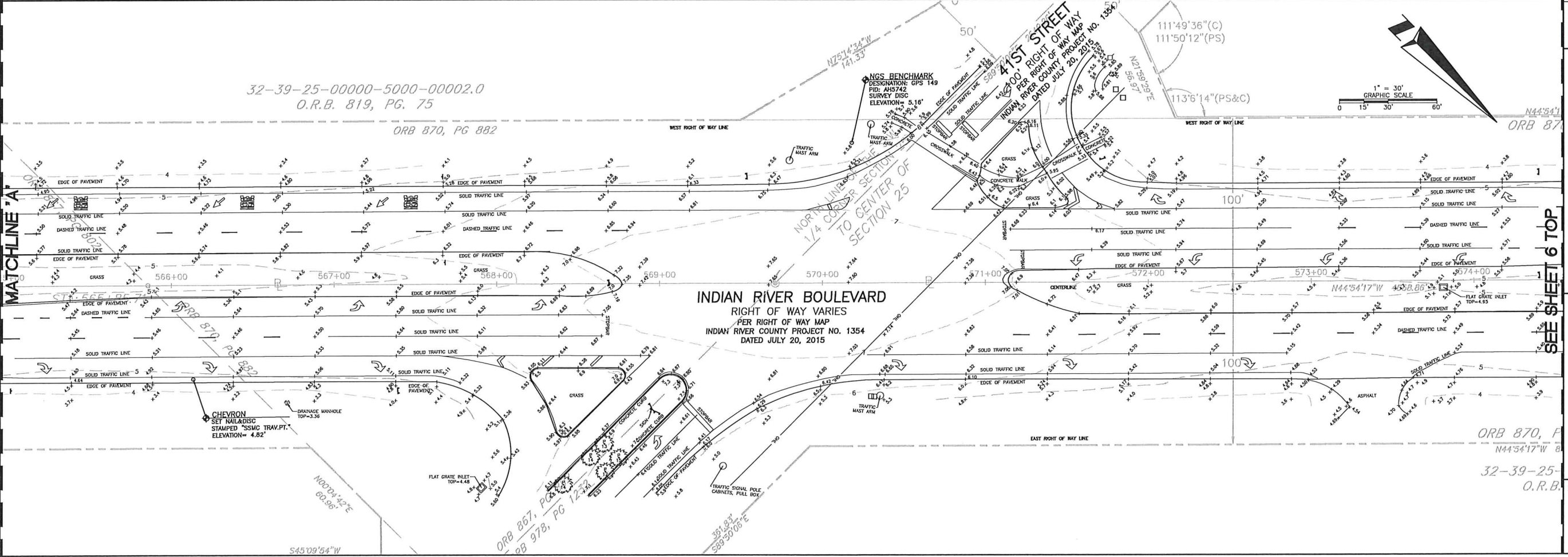
SEE SHEET 4 BOTTOM



ORB 867, PG 802

32-39-25-00000-5000-00001.3
O.R.B. 1953, PG. 1486

N44°54'17"W 1689.65'



32-39-25-00000-5000-00002.0
O.R.B. 819, PG. 75

ORB 870, PG 882

MATCHLINE 'A'

SEE SHEET 6 TOP

SHEET NUMBER 5 OF 10
NOT VALID WITHOUT SHEETS
1 THROUGH 10

**SOUTHEASTERN SURVEYING
AND MAPPING CORPORATION**
6600 All American Boulevard
Orlando, Florida 32810-4350
(407) 292-8560
e-mail: info@semsurveying.com
Certification Number 122108

REVISION DATE	REVISION	BY	AR
02/22/2021	Revised Per Client's Comments		

Project: Topographic Survey
Indian River Boulevard
Vero Beach, Florida

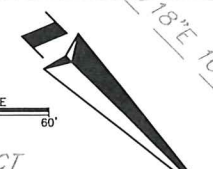
Field Date: February 17, 2021
Drawn By: AR
Scale: 1" = 30'

SEE SHEET 1 FOR NOTES,
LEGEND AND DESCRIPTION.

DRAWING NUMBER
66091001C
SHEET NUMBER
5 OF 10

32-39-25-0000-3000-00005.0
O.R.B. 2745, PG. 1307

1" = 30'
GRAPHIC SCALE
0 15' 30' 60'



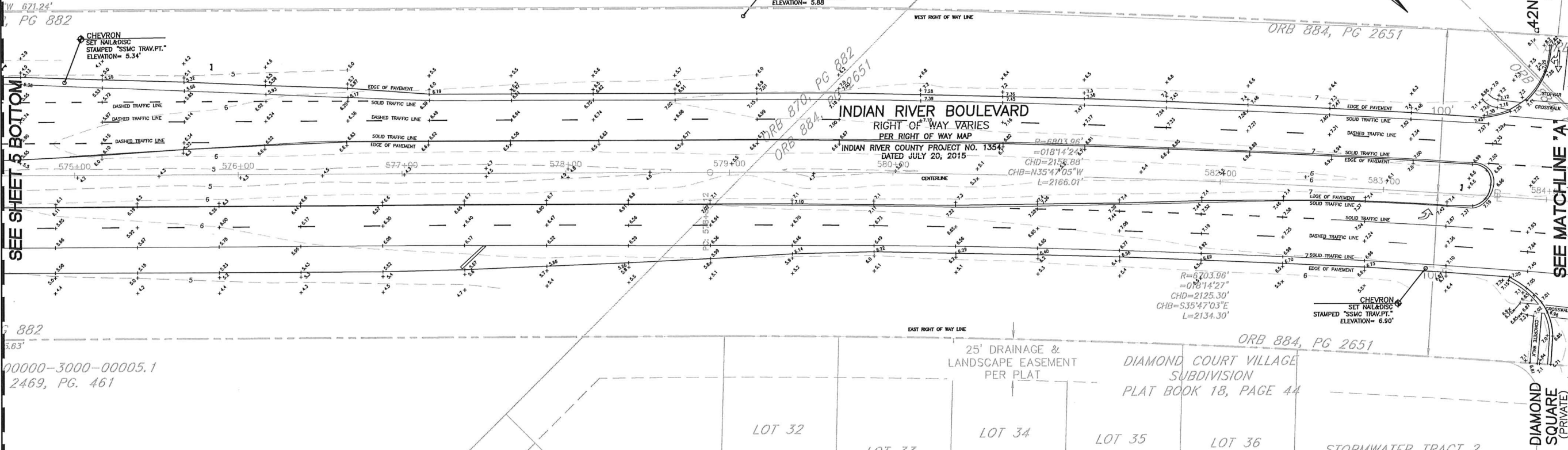
RECREATION TRACT

ORB 884, PG 2651

42ND CIRCLE (PRIVATE)

SEE SHEET 5 BOTTOM

SEE MATCHLINE 'A'



INDIAN RIVER BOULEVARD

RIGHT OF WAY VARIES
PER RIGHT OF WAY MAP
INDIAN RIVER COUNTY PROJECT NO. 1354
DATED JULY 20, 2015

$R=6903.96'$
 $\theta=018^{\circ}14'27''$
 $CHD=2125.30'$
 $CHB=N35^{\circ}47'05''W$
 $L=2166.01'$

CHEVRON
SET NAILDISC
STAMPED "SSMC TRAV.PT."
ELEVATION= 6.90'

00000-3000-00005.1
2469, PG. 461

LOT 32

LOT 34

LOT 35

LOT 36

STORMWATER TRACT 2

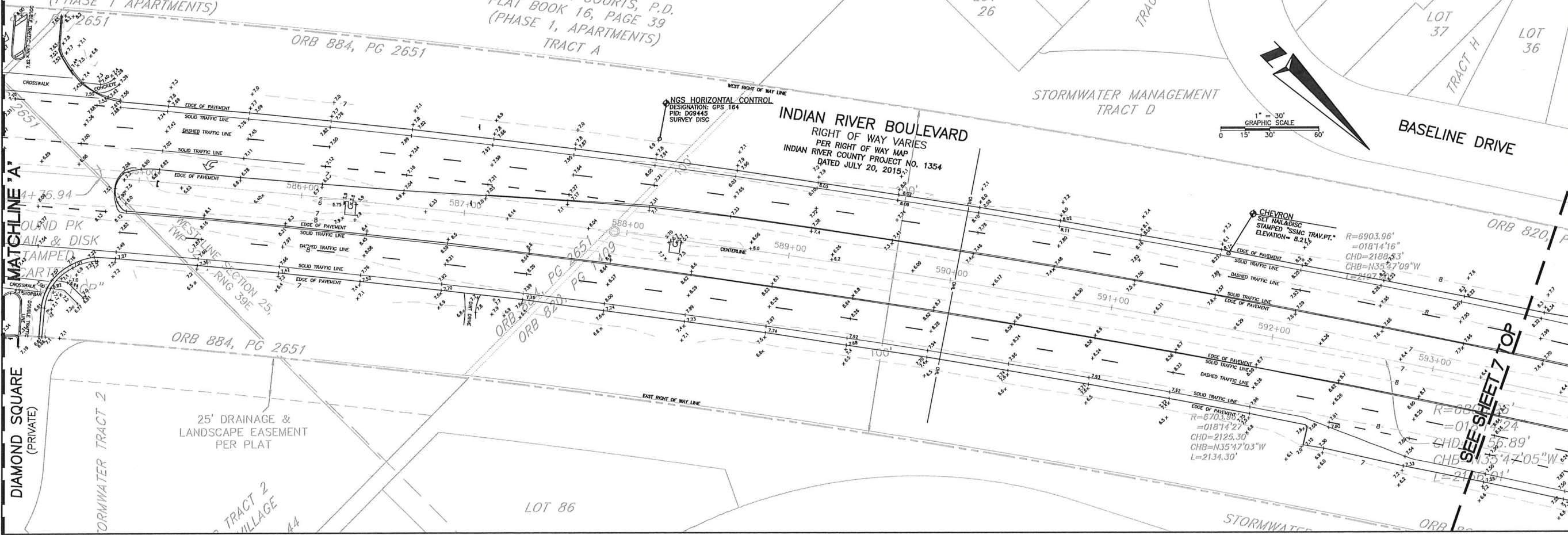
PLAT BOOK 16, PAGE 39
(PHASE 1 APARTMENTS)

INDIAN RIVER COURTS, P.D.
PLAT BOOK 16, PAGE 39
(PHASE 1, APARTMENTS)
TRACT A

STORMWATER MANAGEMENT
TRACT D

BASELINE DRIVE

1" = 30'
GRAPHIC SCALE
0 15' 30' 60'



INDIAN RIVER BOULEVARD

RIGHT OF WAY VARIES
PER RIGHT OF WAY MAP
INDIAN RIVER COUNTY PROJECT NO. 1354
DATED JULY 20, 2015

CHEVRON
SET NAILDISC
STAMPED "SSMC TRAV.PT."
ELEVATION= 8.21'

$R=6903.96'$
 $\theta=018^{\circ}14'16''$
 $CHD=2188.53'$
 $CHB=N35^{\circ}47'09''W$
 $L=2167.71'$

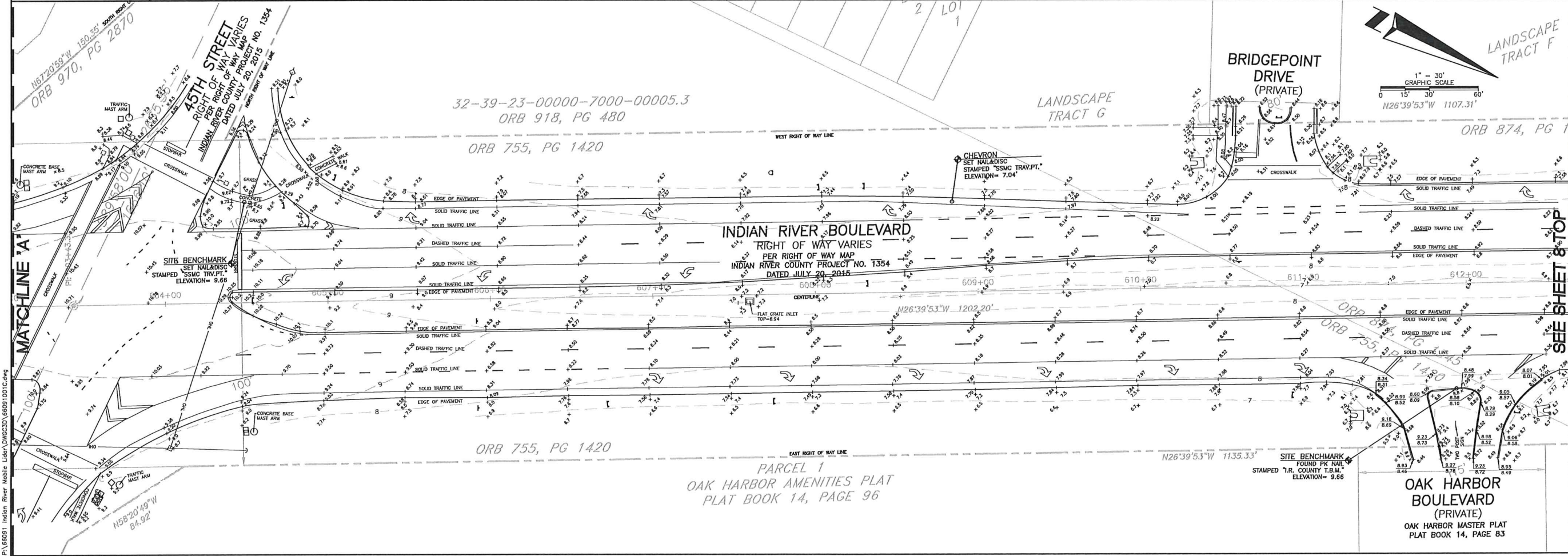
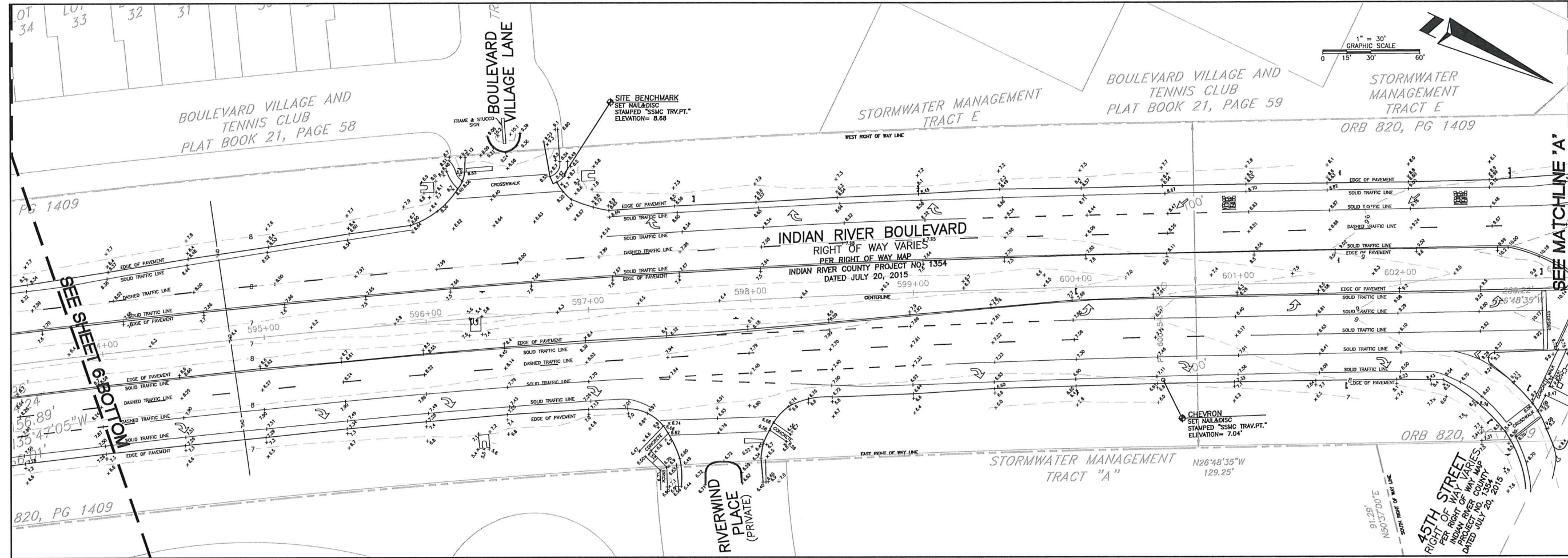
DIAMOND SQUARE (PRIVATE)

25' DRAINAGE &
LANDSCAPE EASEMENT
PER PLAT

LOT 86

SEE SHEET 7 TOP

SHEET NUMBER 6 OF 10 NOT VALID WITHOUT SHEETS 1 THROUGH 10	
SOUTHEASTERN SURVEYING AND MAPPING CORPORATION 6809 Alvarado Boulevard Orlando, Florida 32810-4350 (407) 292-8690 e-mail: info@seasurveying.com Certification Number 138218	
BY:	AR
REVISION DATE:	08/22/2021
REVISION:	Revised Per Client's Comments
Project:	Indian River Boulevard Vero Beach, Florida
Field Date:	February 17, 2021
Drawn By:	AR
Scale:	1" = 30'
SEE SHEET 1 FOR NOTES, LEGEND AND DESCRIPTION.	
DRAWING NUMBER	
68091001C	
SHEET NUMBER	
6 OF 10	



1" = 30' GRAPHIC SCALE
 0 15 30 60
 1" = 30' GRAPHIC SCALE
 0 15 30 60
 1" = 30' GRAPHIC SCALE
 0 15 30 60
 1" = 30' GRAPHIC SCALE
 0 15 30 60

SHEET NUMBER 7 OF 10
 NOT VALID WITHOUT SHEETS 1 THROUGH 10

SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
 6600 All American Boulevard
 Orlando, Florida 32810-4350
 (407) 292-6660
 e-mail: info@southeasternsurveying.com
 Certification Number 132108

REVISION DATE	REVISION	BY	AR
08/02/2021	Revised Per Client's Comments		

Project: Topographic Survey
 Indian River Boulevard
 Vero Beach, Florida

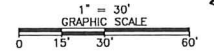
Drawn By: AR
 Issue: 1" = 30'
 Plot Date: February 17, 2021

SEE SHEET 1 FOR NOTES, LEGEND AND DESCRIPTION.

DRAWING NUMBER
 66091001C
 SHEET NUMBER
 7 OF 10

BRIDGEPOINT CIRCLE

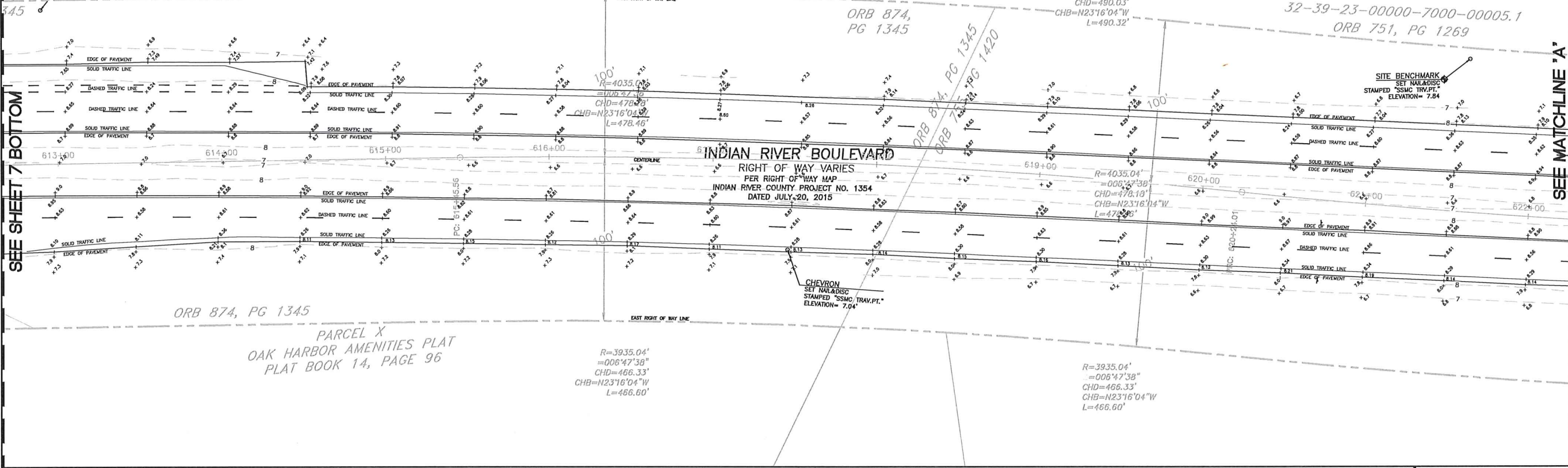
R=4135.04'
=006°47'38"
CHD=490.03'
CHB=N23°16'04"W
L=490.32'



SITE BENCHMARK
SET NALADISCO
STAMPED "SSMC TRV.PT."
ELEVATION= 7.19

SEE SHEET 7 BOTTOM

SEE MATCHLINE "A"



ORB 874, PG 1345

PARCEL X
OAK HARBOR AMENITIES PLAT
PLAT BOOK 14, PAGE 96

INDIAN RIVER BOULEVARD
RIGHT OF WAY VARIES
PER RIGHT OF WAY MAP
INDIAN RIVER COUNTY PROJECT NO. 1354
DATED JULY 20, 2015

CHEVRON
SET NALADISCO
STAMPED "SSMC TRV.PT."
ELEVATION= 7.04'

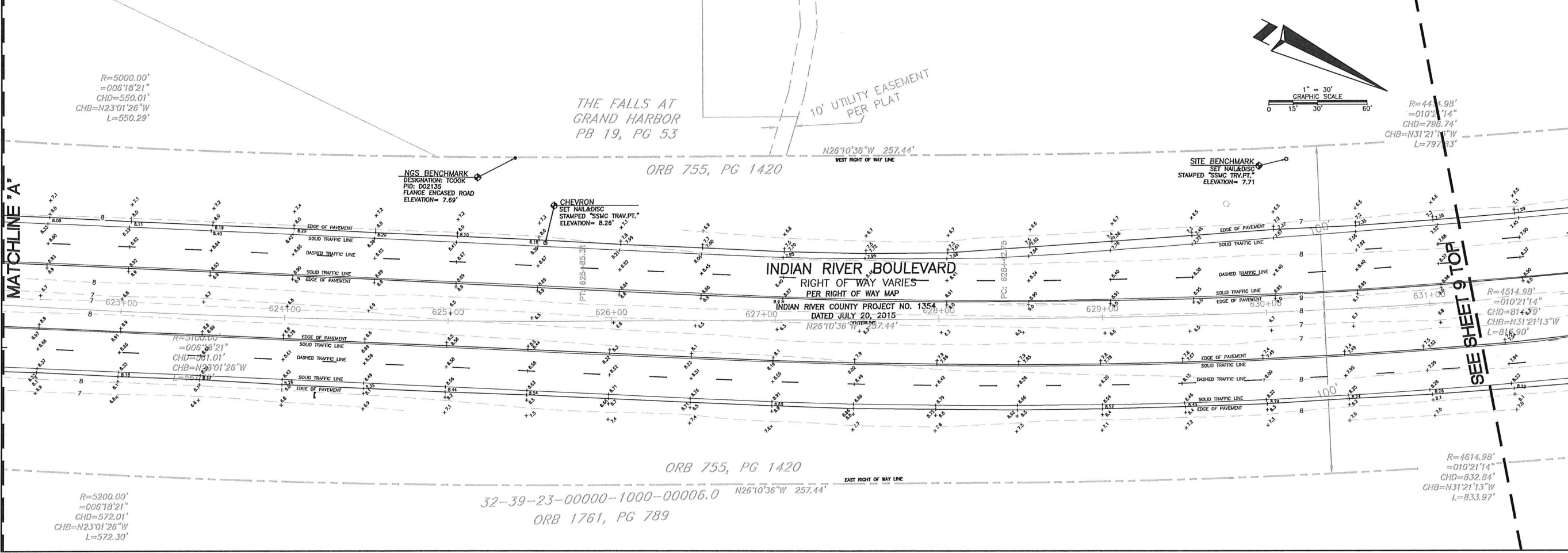
SITE BENCHMARK
SET NALADISCO
STAMPED "SSMC TRV.PT."
ELEVATION= 7.84

R=3935.04'
=006°47'38"
CHD=466.33'
CHB=N23°16'04"W
L=466.60'

R=3935.04'
=006°47'38"
CHD=466.33'
CHB=N23°16'04"W
L=466.60'

MATCHLINE "A"

SEE SHEET 9 TOP



R=5000.00'
=006°18'21"
CHD=550.01'
CHB=N23°01'26"W
L=550.29'

THE FALLS AT
GRAND HARBOR
PB 19, PG 53

N26°10'36"W 257.44'

ORB 755, PG 1420

INDIAN RIVER BOULEVARD
RIGHT OF WAY VARIES
PER RIGHT OF WAY MAP
INDIAN RIVER COUNTY PROJECT NO. 1354
DATED JULY 20, 2015

SITE BENCHMARK
SET NALADISCO
STAMPED "SSMC TRV.PT."
ELEVATION= 7.71

R=4414.98'
=010°21'14"
CHD=798.74'
CHB=N31°21'13"W
L=797.83'

R=4514.98'
=010°21'14"
CHD=814.39'
CHB=N31°21'13"W
L=816.90'

R=5200.00'
=006°18'21"
CHD=572.01'
CHB=N23°01'26"W
L=572.30'

32-39-23-00000-1000-00006.0
ORB 1761, PG 789

ORB 755, PG 1420



SHEET NUMBER 8 OF 10
NOT VALID WITHOUT SHEETS
1 THROUGH 10



SOUTHEASTERN SURVEYING
AND MAPPING CORPORATION
6800 All American Boulevard
Orlando, Florida 32818-4350
(407) 292-8560
e-mail: info@seasurveying.com
Certification Number 132108

BY	DATE	REVISION
AR	02/02/2021	Revised Per Client's Comments

Topographic Survey
Indian River Boulevard
Vero Beach, Florida

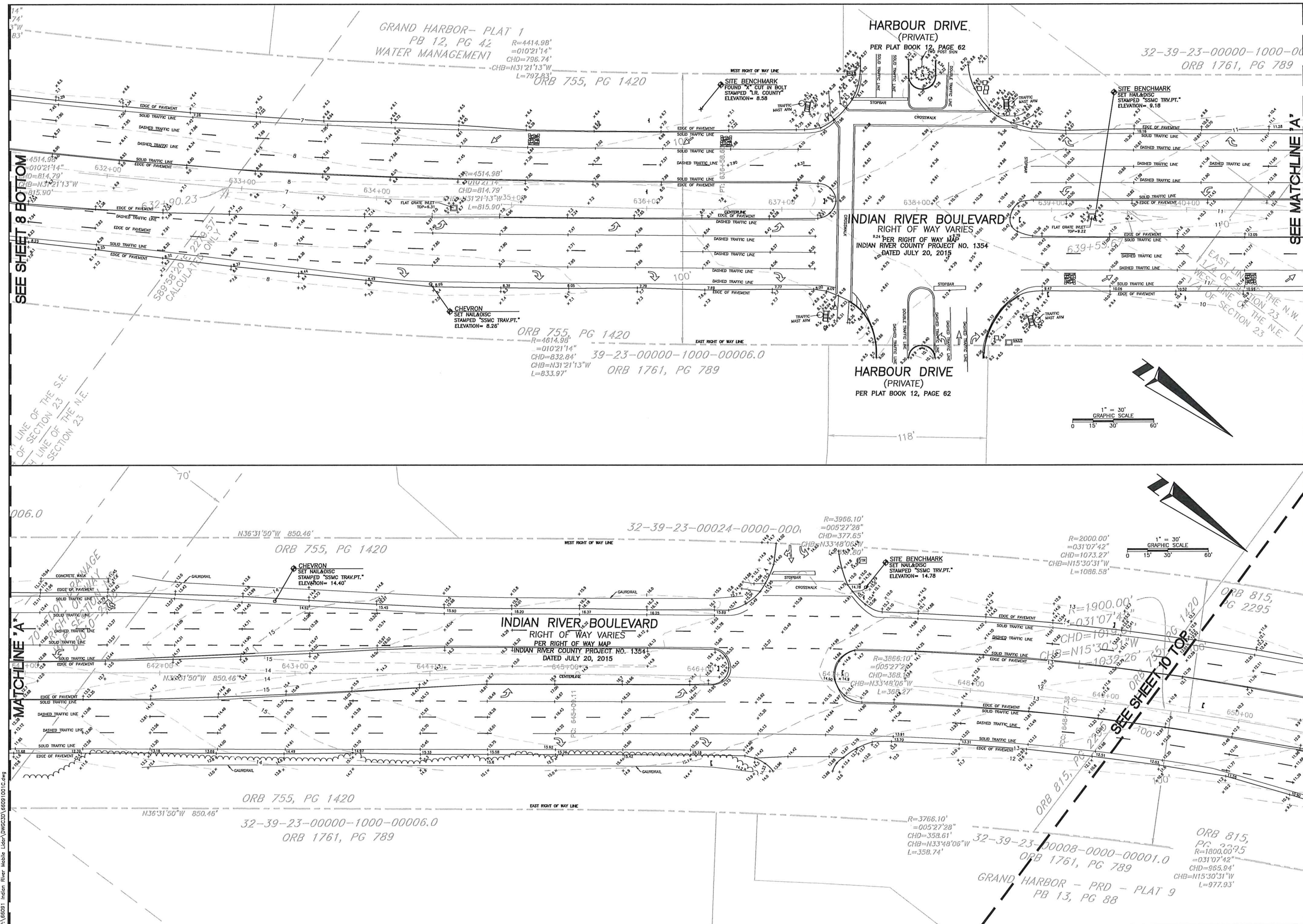
Scale: 1" = 30'

Drawn By: AR
Field Date: February 17, 2021

SEE SHEET 1 FOR NOTES,
LEGEND AND DESCRIPTION.

DRAWING NUMBER
88091001C
SHEET
NUMBER
8 OF 10

P:\68091 Indian River Mobile User\DWG\3D\88091001C.dwg



SEE SHEET 8 BOTTOM

LINE OF THE S.E. OF SECTION 23
LINE OF THE N.E. OF SECTION 23

589.98' CALCULATED ONLY

MATCHLINE 'A'

SEE SHEET 10 TOP

SEE MATCHLINE 'A'

SHEET NUMBER 9 OF 10
 NOT VALID WITHOUT SHEETS 1 THROUGH 10

SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
 6500 Al American Boulevard
 Orlando, Florida 32810-4350
 (407) 292-6590
 e-mail: info@seasurvey.com
 Certification Number 152108

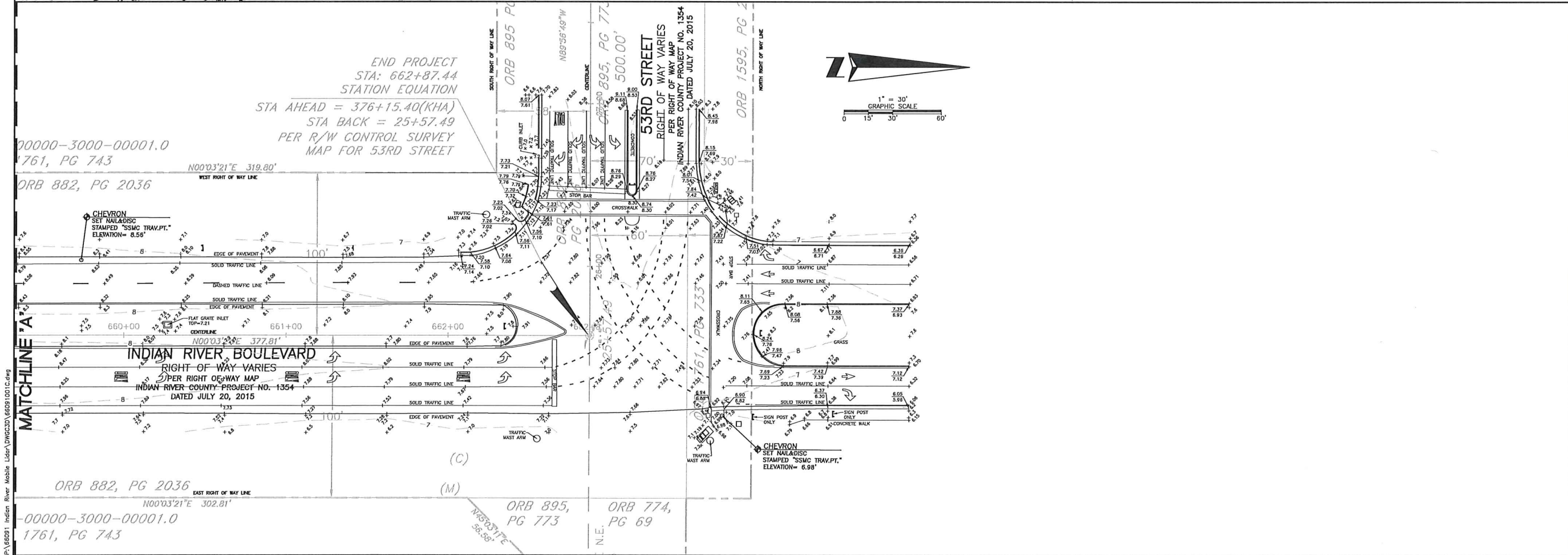
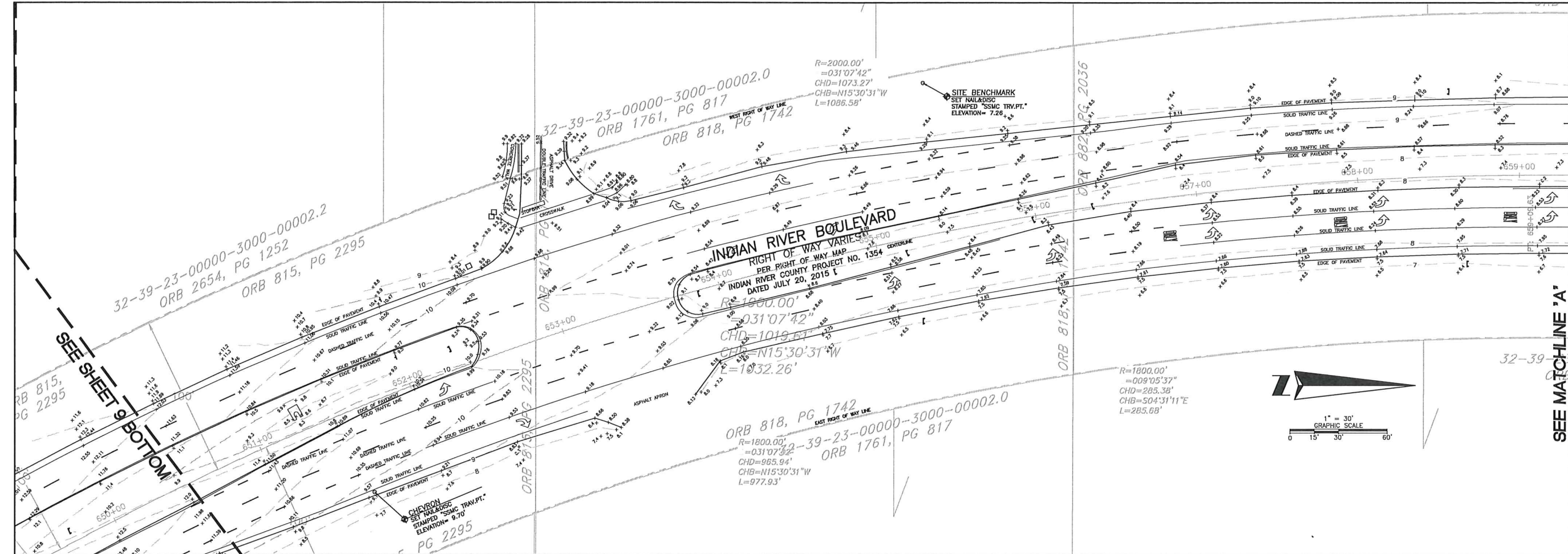
REVISION	DATE	BY	REVISION
08/22/2021	Revised Per Client's Comments	AR	

Topographic Survey
 Indian River Boulevard
 Vero Beach, Florida

Project: Indian River Boulevard Vero Beach, Florida
 Drawn By: AR
 Date: February 17, 2021
 Scale: 1" = 30'

SEE SHEET 1 FOR NOTES, LEGEND AND DESCRIPTION.

DRAWING NUMBER
66091001C
 SHEET NUMBER
9 OF 10



SHEET NUMBER 10 OF 10
NOT VALID WITHOUT SHEETS
1 THROUGH 10

SOUTHEASTERN SURVEYING
AND MAPPING CORPORATION
6600 All American Boulevard
Orlando, Florida 32810-4350
e-mail: info@semsurveying.com
Certification Number 132108

BY	REVISION
AR	Revised Per Client Comments

REVISION DATE
02/02/2021

Topographic Survey
Indian River Boulevard
Vero Beach, Florida

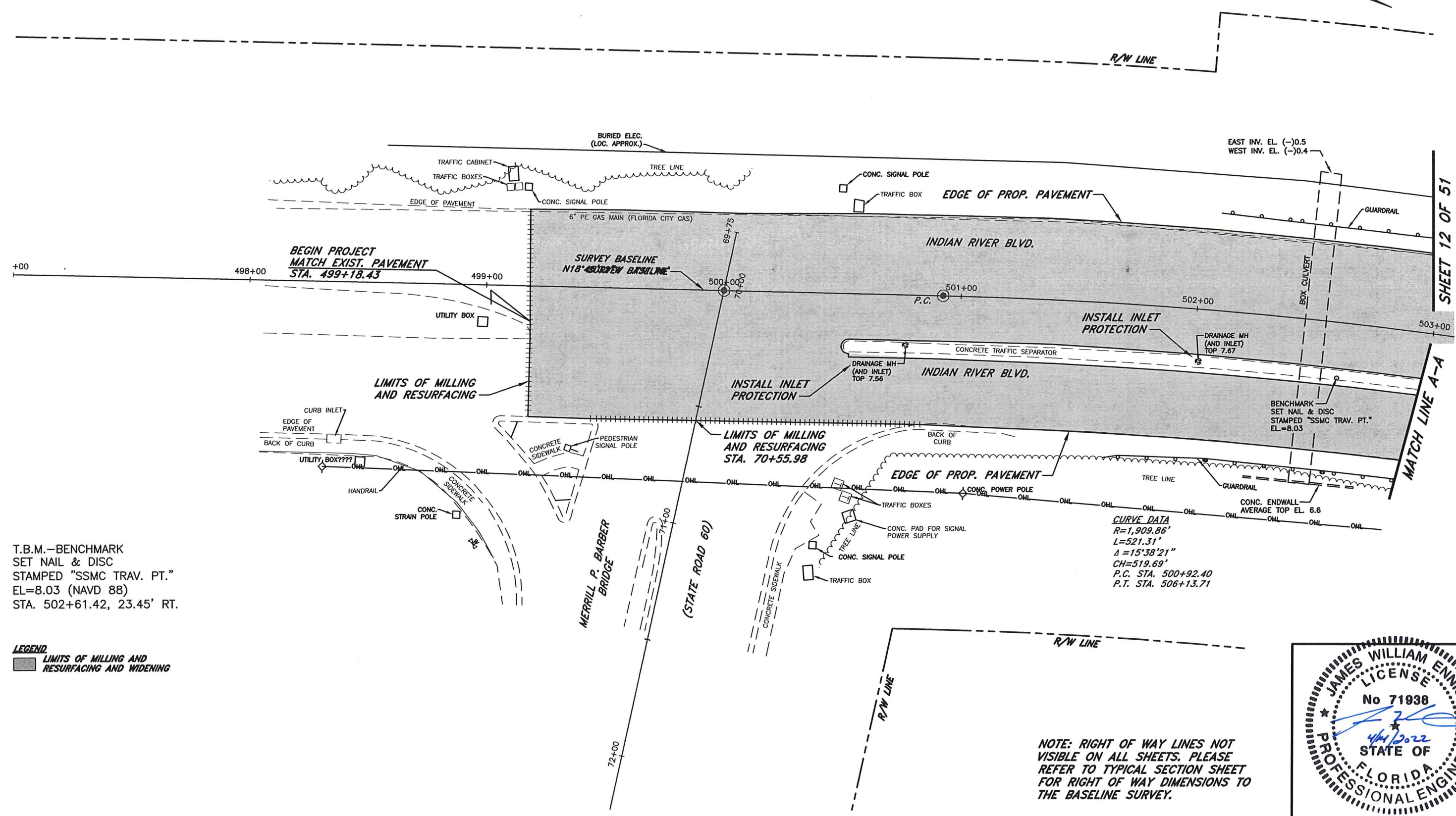
Project:

Field Date: February 17, 2021
Drawn By: AR
Scale: 1" = 30'

SEE SHEET 1 FOR NOTES,
LEGEND AND DESCRIPTION.

DRAWING NUMBER
6601001C
SHEET
NUMBER
10 OF 10

1"=40'



SHEET 12 OF 51

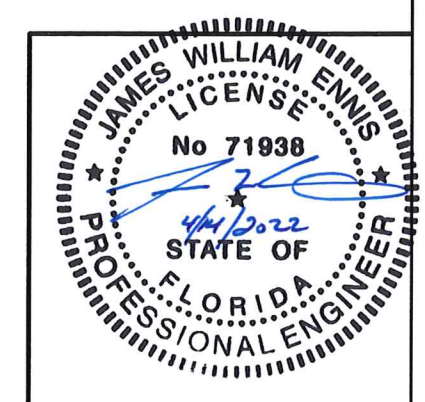
MATCH LINE A-A

T.B.M.—BENCHMARK
SET NAIL & DISC
STAMPED "SSMC TRAV. PT."
EL=8.03 (NAVD 88)
STA. 502+61.42, 23.45' RT.

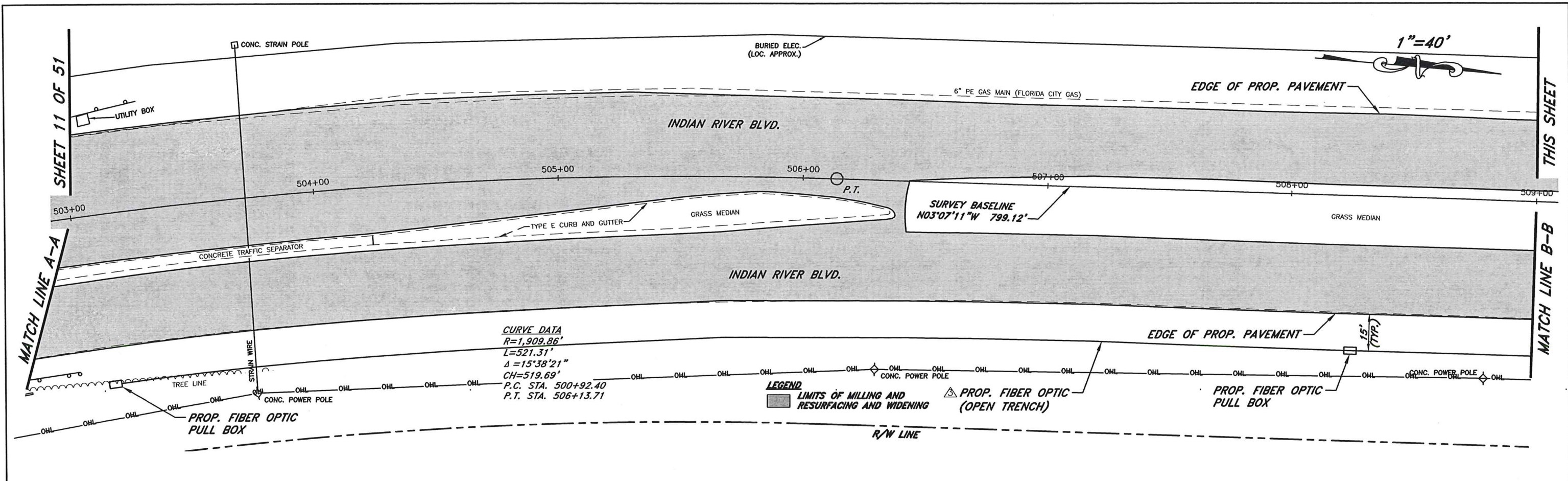
LEGEND
 LIMITS OF MILLING AND RESURFACING AND WIDENING

CURVE DATA
 R=1,909.86'
 L=521.31'
 Δ=15°38'21"
 CH=519.69'
 P.C. STA. 500+92.40
 P.T. STA. 506+13.71

NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E. DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	SECTION 23.25.26.36 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. PAGE - -	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 11 OF 51
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH							
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH							

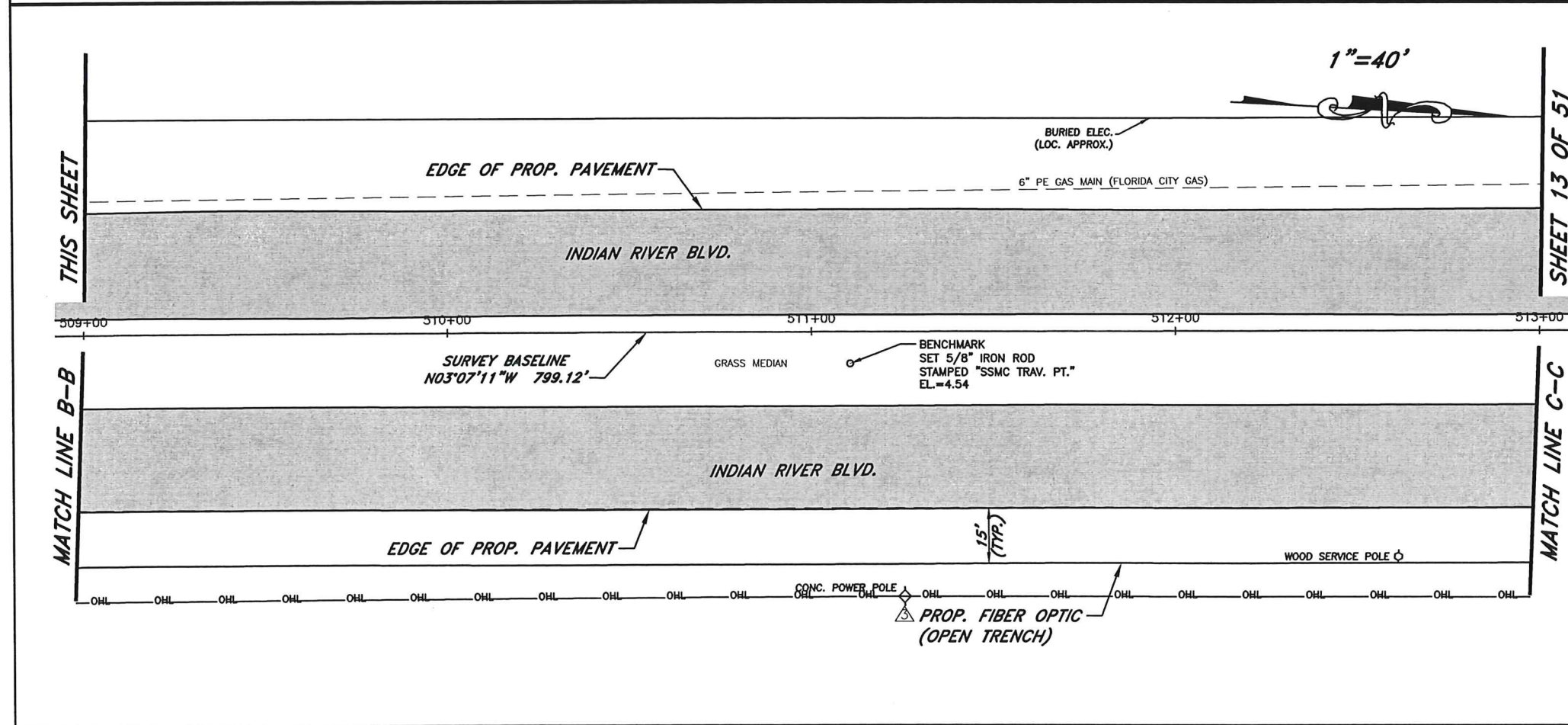


CURVE DATA
 R=1,909.86'
 L=521.31'
 Δ=15°38'21"
 CH=519.69'
 P.C. STA. 500+92.40
 P.T. STA. 506+13.71

LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING
 [Triangle Symbol] PROP. FIBER OPTIC (OPEN TRENCH)

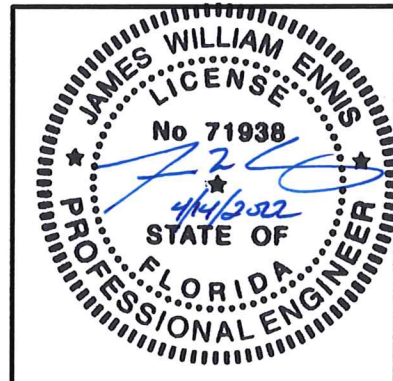
T.B.M.—BENCHMARK
 SET 5/8" IRON ROD
 STAMPED "SSMC TRAV. PT."
 EL=4.54 (NAVD 88)
 STA. 511+10.62, 8.73' RT.

LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING



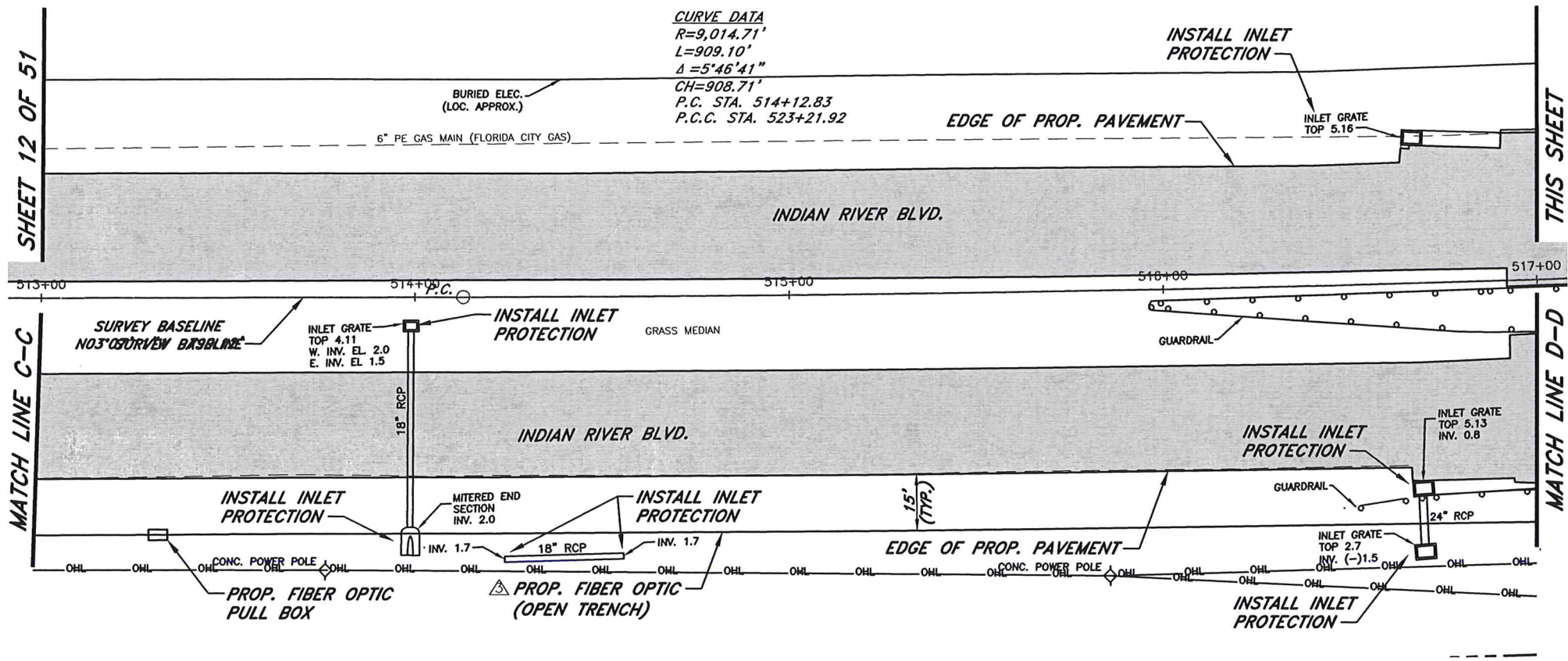
BENCHMARK
 SET 5/8" IRON ROD
 STAMPED "SSMC TRAV. PT."
 EL.=4.54

NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.

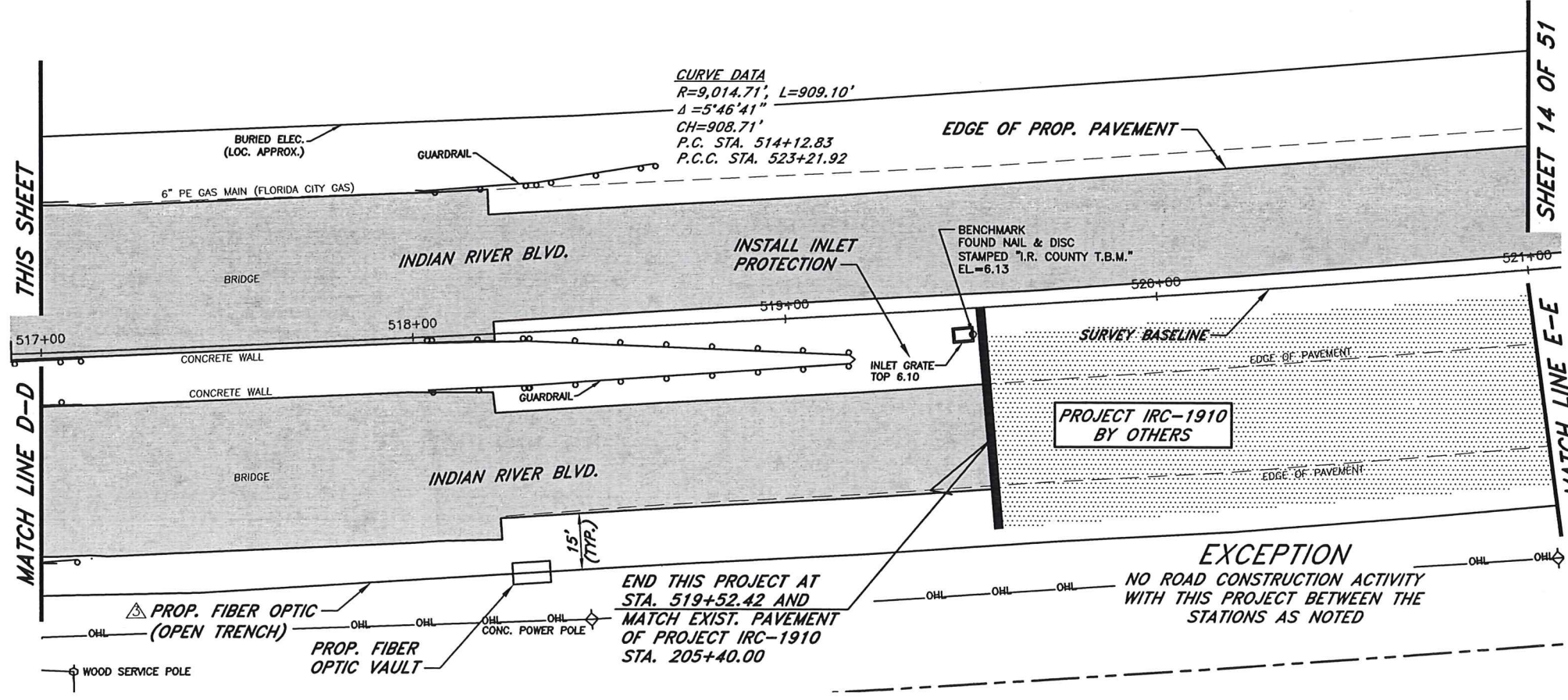


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36 TOWNSHIP 32S RANGE 39E	DATE: 3/4/2021	COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 12 OF 51
1	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH		DRAWN BY: K. P. HANSEN					
2	PRODUCTION PHASE COMMENTS	8/17/2021	KPH		APPROVED BY: J. ENNIS, P.E.					
3	PRODUCTION PHASE COMMENTS	8/5/2021	KPH							

1"=40'



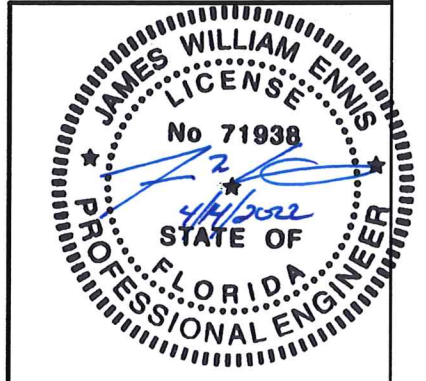
LEGEND
 [Hatched Area] LIMITS OF MILLING AND RESURFACING AND WIDENING



T.B.M.—BENCHMARK
 FOUND NAIL & DISC
 STAMPED "I.R. COUNTY T.B.M."
 EL=6.13 (NAVD 88)
 STA. 519+50.06, 7.04' RT.

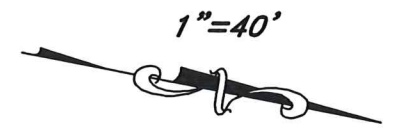
LEGEND
 [Hatched Area] LIMITS OF MILLING AND RESURFACING AND WIDENING

1"=40'

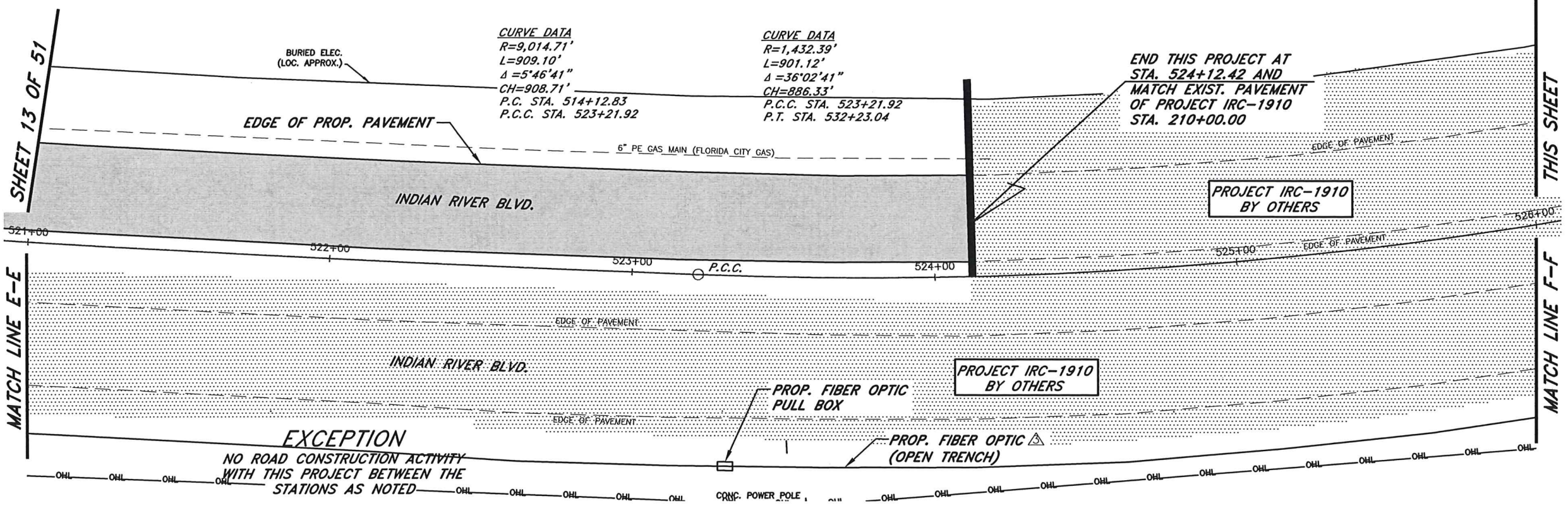


NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.

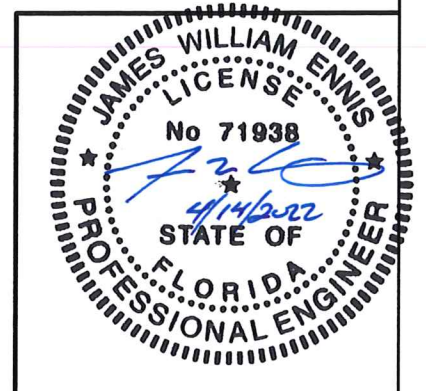
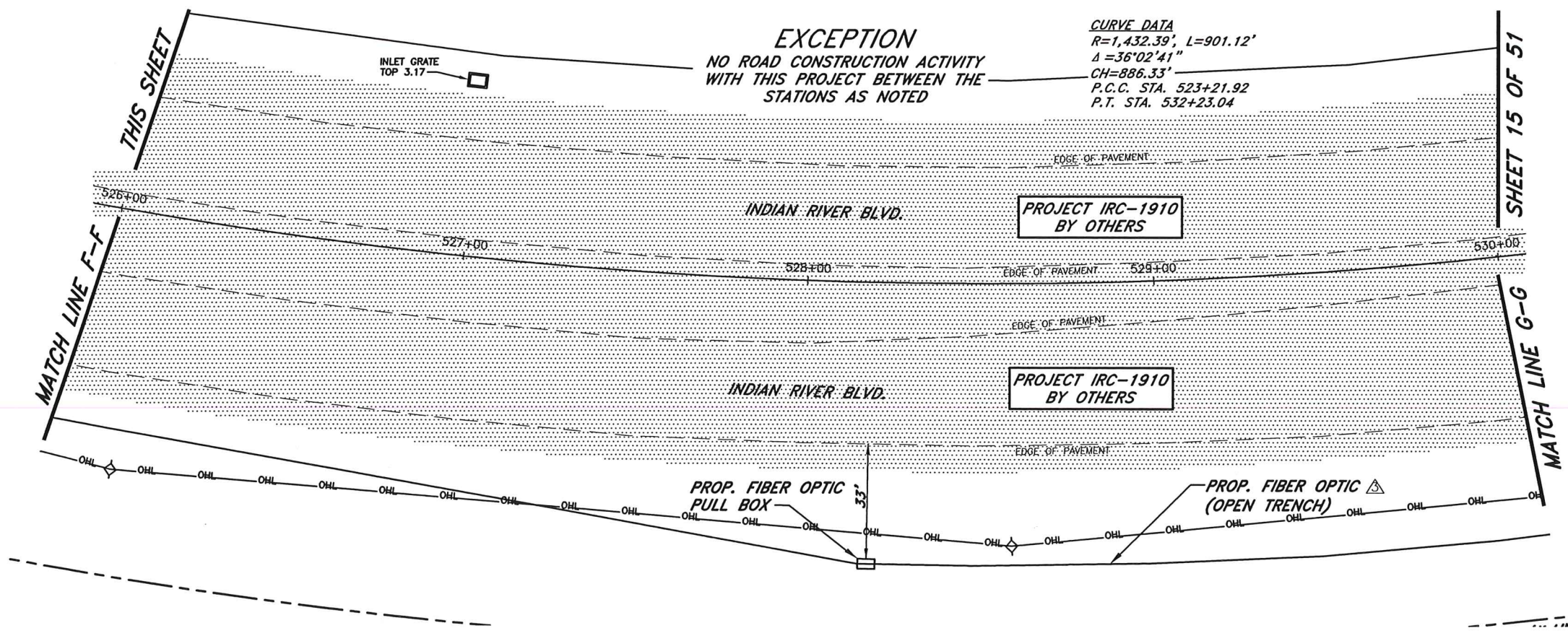
No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 13 OF 51
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	Department of Public Works Engineering Division	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH		APPROVED BY: J. ENNIS, P.E.	RANGE 39E	IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH			FIELD BOOK NO. PAGE			




LEGEND
 [Hatched Box] LIMITS OF MILLING AND RESURFACING AND WIDENING



NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.

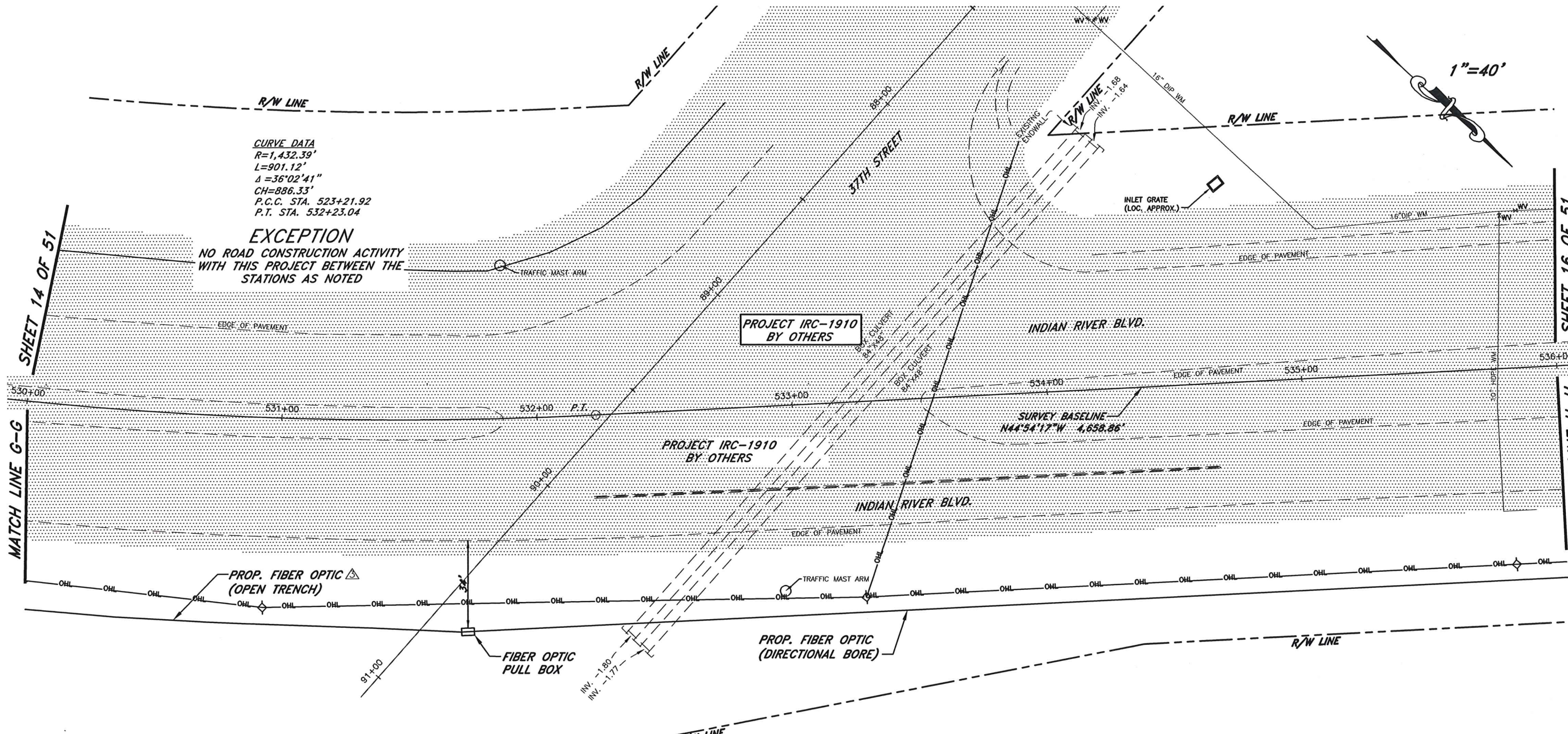


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 14 OF 51
Δ	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH			DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO. IRC-1707		
Δ	PRODUCTION PHASE COMMENTS	8/17/2021	KPH			RANGE 39E				
Δ	PRODUCTION PHASE COMMENTS	8/5/2021	KPH			APPROVED BY: J. ENNIS, P.E.	FIELD BOOK NO. -	PAGE -		

1"=40'

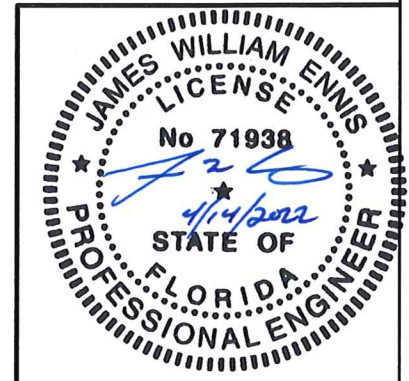
CURVE DATA
 R=1,432.39'
 L=901.12'
 Δ=36°02'41"
 CH=886.33'
 P.C.C. STA. 523+21.92
 P.T. STA. 532+23.04

EXCEPTION
 NO ROAD CONSTRUCTION ACTIVITY
 WITH THIS PROJECT BETWEEN THE
 STATIONS AS NOTED



MATCH LINE G-G SHEET 14 OF 51

MATCH LINE H-H SHEET 16 OF 51



NOTE: RIGHT OF WAY LINES NOT
 VISIBLE ON ALL SHEETS. PLEASE
 REFER TO TYPICAL SECTION SHEET
 FOR RIGHT OF WAY DIMENSIONS TO
 THE BASELINE SURVEY.

No.	Revision	Date	By	INDIAN RIVER COUNTY	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 15 OF 51
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	1801 27th STREET	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH	VERO BEACH, FL 32960	APPROVED BY: J. ENNIS, P.E.	RANGE 39E	IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH	(772) 567-8000		FIELD BOOK NO. PAGE			

BENCHMARK
SET NAIL & DISC
STAMPED "SSMC TRAV. PT."
EL.=3.52

EXCEPTION
NO ROAD CONSTRUCTION ACTIVITY
WITH THIS PROJECT BETWEEN THE
STATIONS AS NOTED

BEGIN THIS PROJECT AT
STA. 539+48.33 AND
MATCH EXIST. PAVEMENT
OF PROJECT IRC-1910
STA. 225+36.87

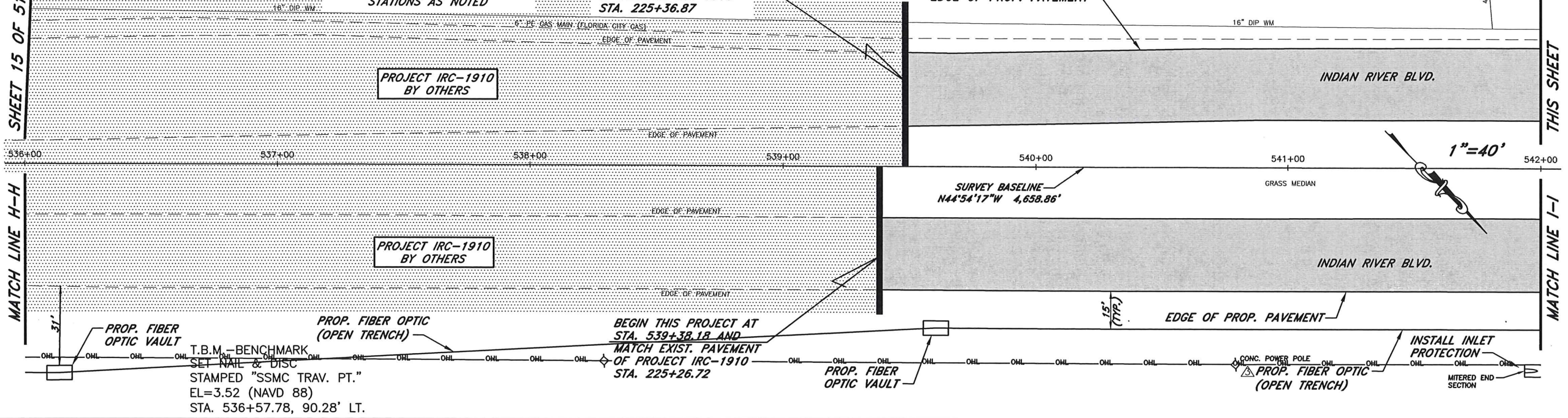
LEGEND
LIMITS OF MILLING AND
RESURFACING AND WIDENING

SHEET 15 OF 51

THIS SHEET

MATCH LINE H-H

MATCH LINE I-I

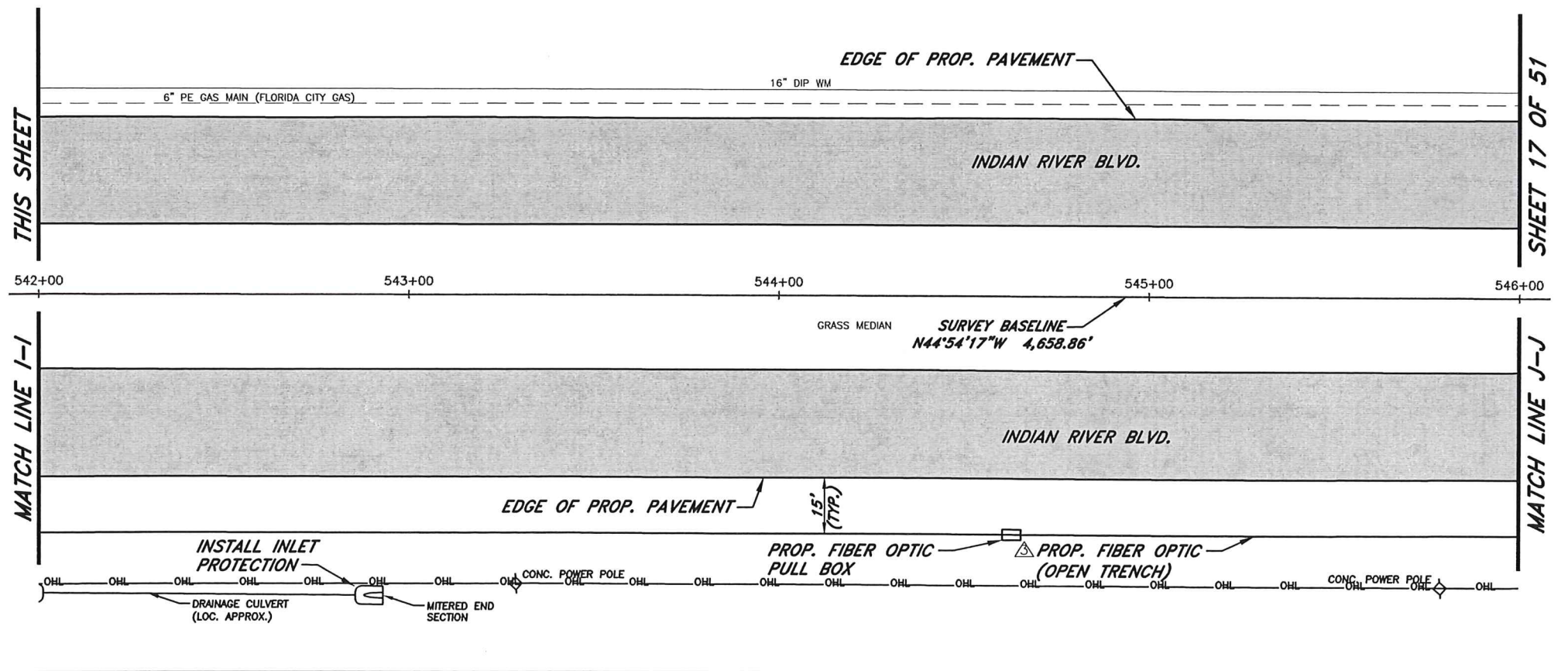


THIS SHEET

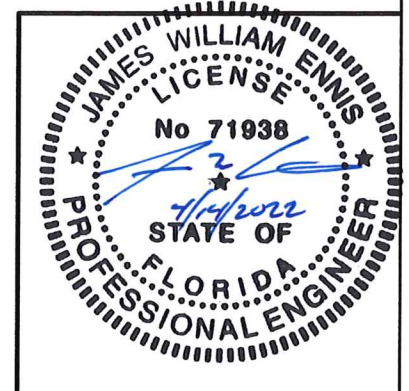
SHEET 17 OF 51

MATCH LINE I-I

MATCH LINE J-J



LEGEND
LIMITS OF MILLING AND
RESURFACING AND WIDENING



NOTE: RIGHT OF WAY LINES NOT
VISIBLE ON ALL SHEETS. PLEASE
REFER TO TYPICAL SECTION SHEET
FOR RIGHT OF WAY DIMENSIONS TO
THE BASELINE SURVEY.

No.	Revision	Date	By
1	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH
2	PRODUCTION PHASE COMMENTS	8/17/2021	KPH
3	PRODUCTION PHASE COMMENTS	8/5/2021	KPH

INDIAN RIVER COUNTY
1801 27th STREET
VERO BEACH, FL 32960
(772) 567-8000

Department of Public Works
Engineering Division

DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021
DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.
APPROVED BY: J. ENNIS, P.E.	RANGE 39E	IRC-1707
	FIELD BOOK NO. PAGE	

INDIAN RIVER BLVD. RESURFACING
PLAN

SHEET 16 OF 51

MATCH LINE J-J

THIS SHEET

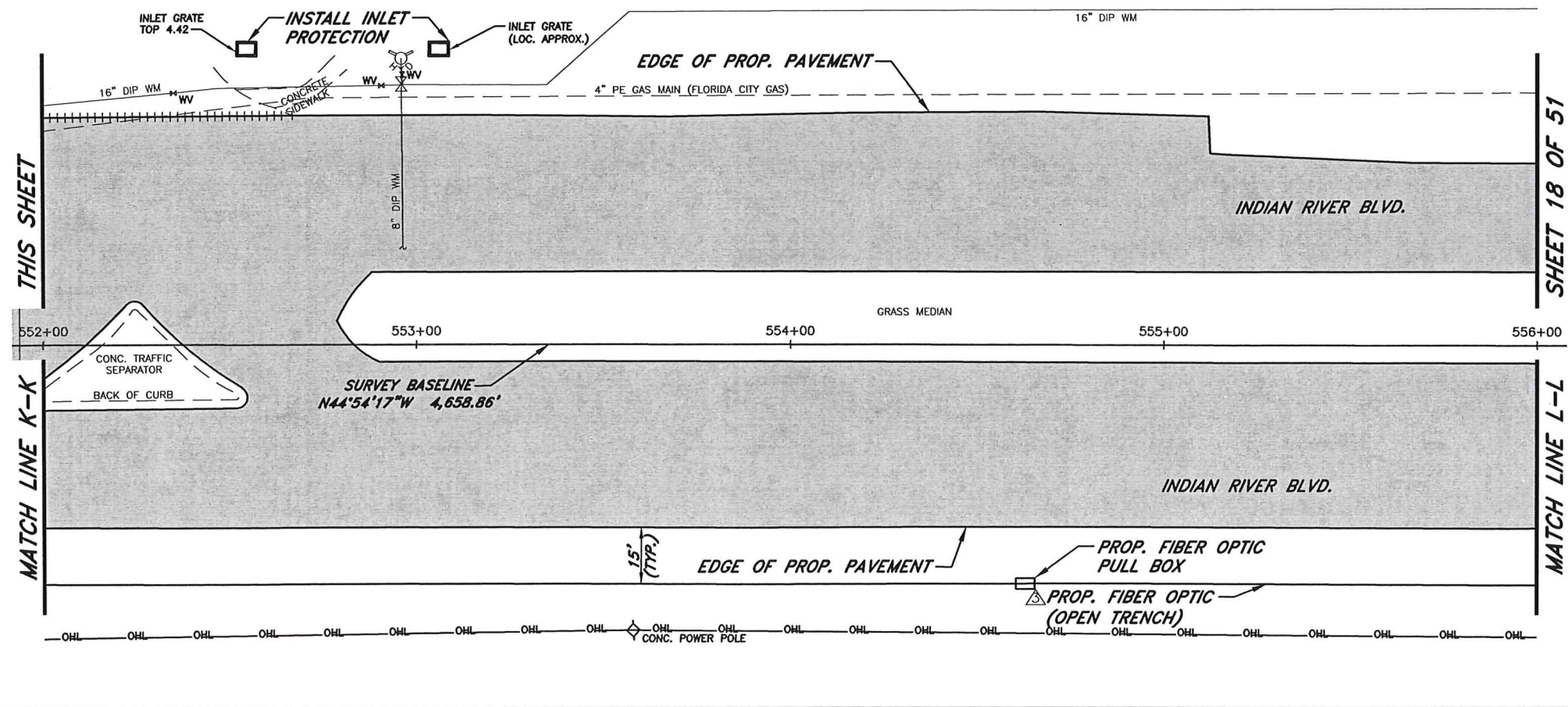
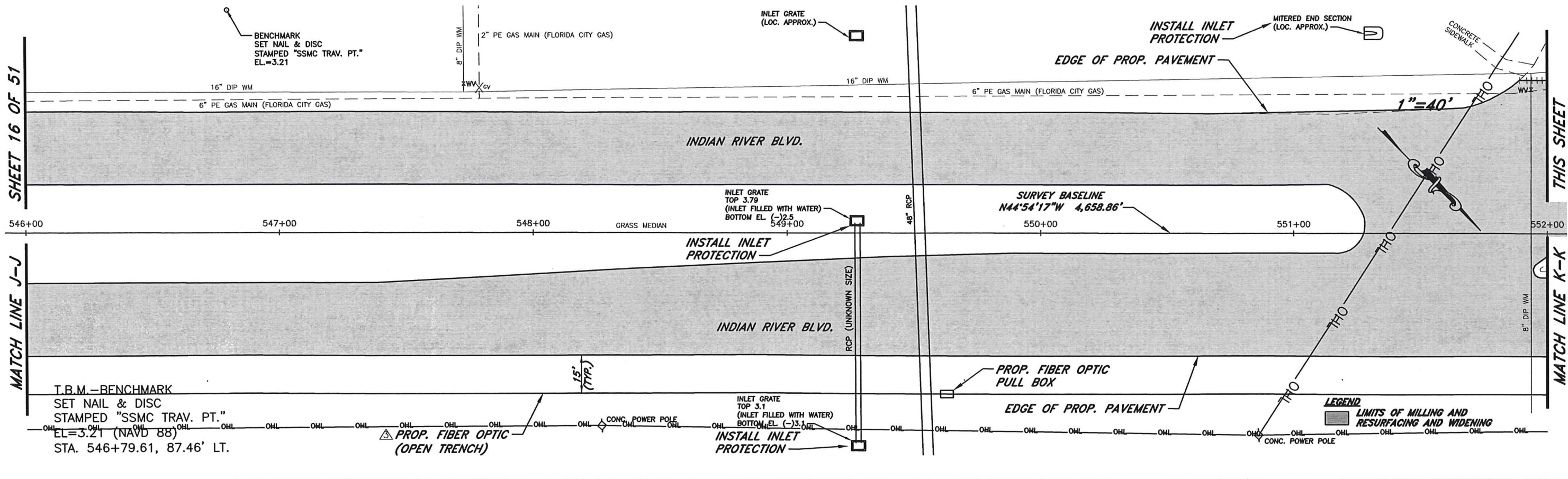
MATCH LINE K-K

SHEET 18 OF 51

MATCH LINE L-L

THIS SHEET

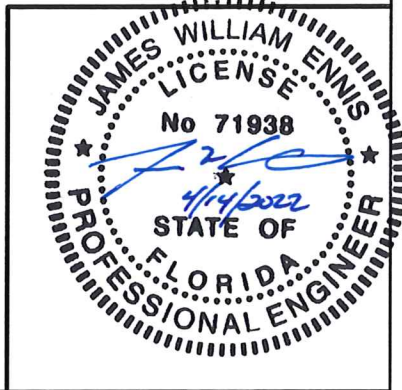
MATCH LINE K-K



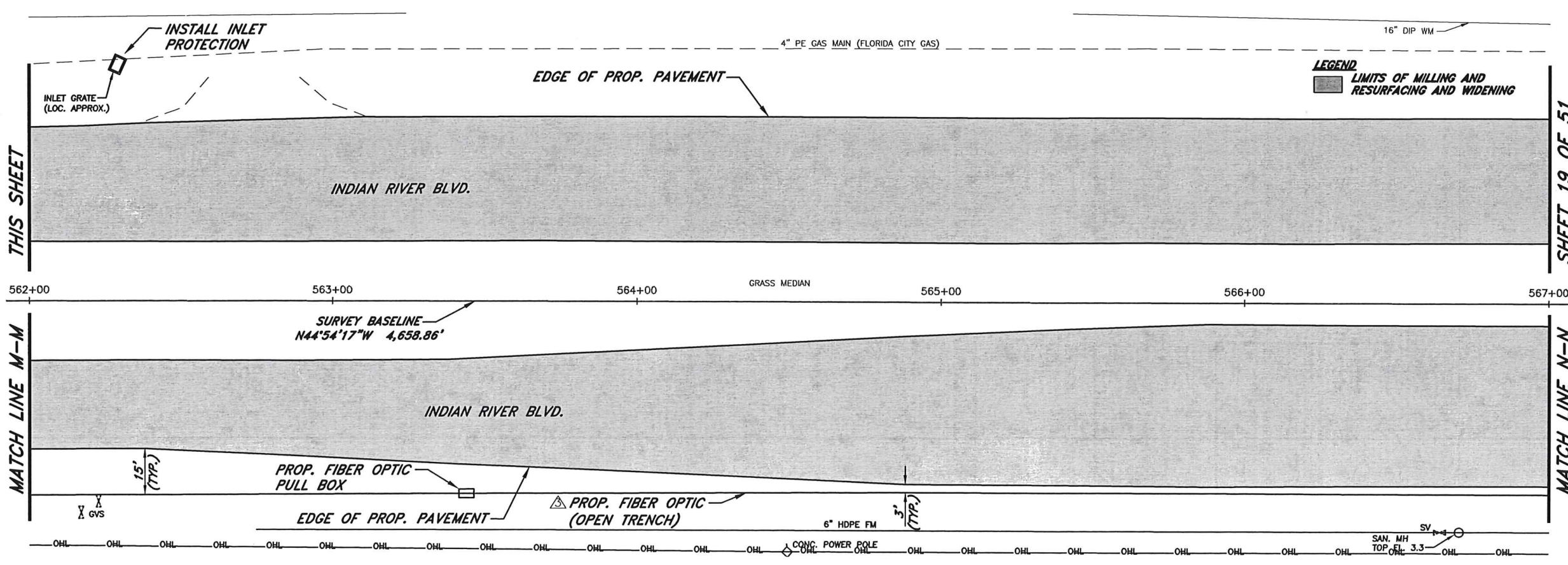
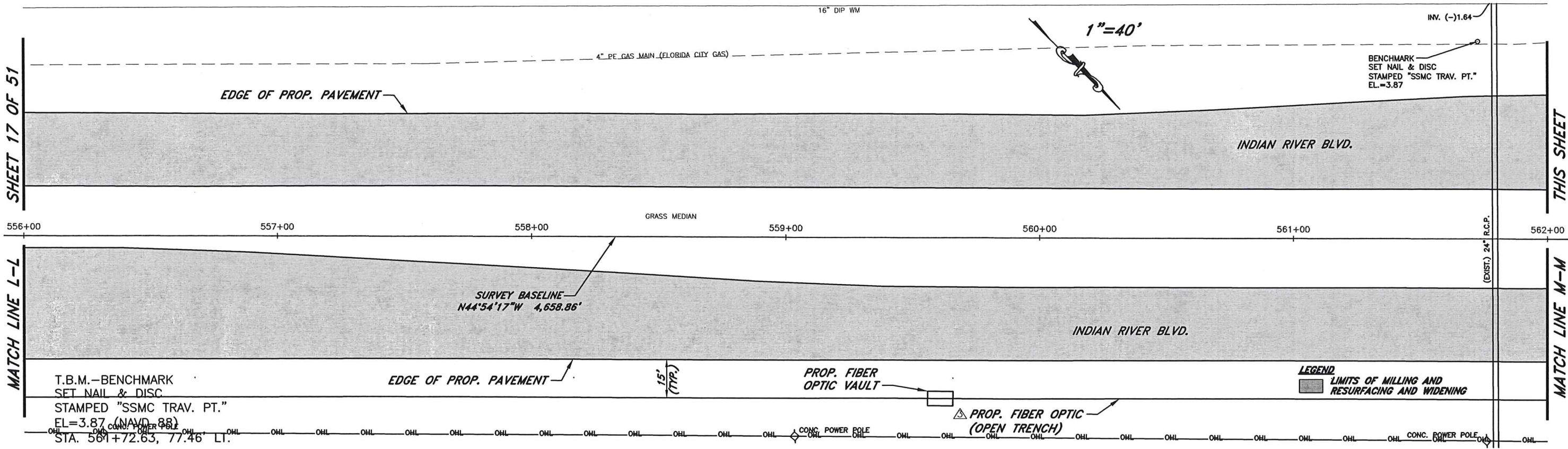
LEGEND

LIMITS OF MILLING AND RESURFACING AND WIDENING

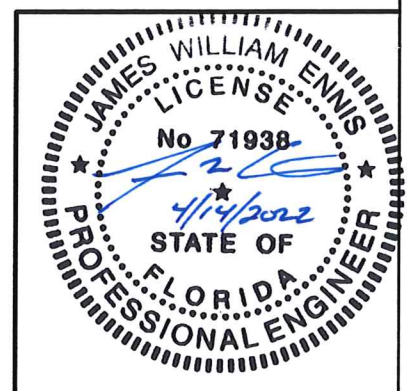
NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.



No.	Revision	Date	By	INDIAN RIVER COUNTY	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25.26.36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 17 OF 51
1	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	1801 27th STREET	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
2	PRODUCTION PHASE COMMENTS	8/17/2021	KPH	VERO BEACH, FL 32960	APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE	IRC-1707	
3	PRODUCTION PHASE COMMENTS	8/5/2021	KPH	(772) 567-8000					

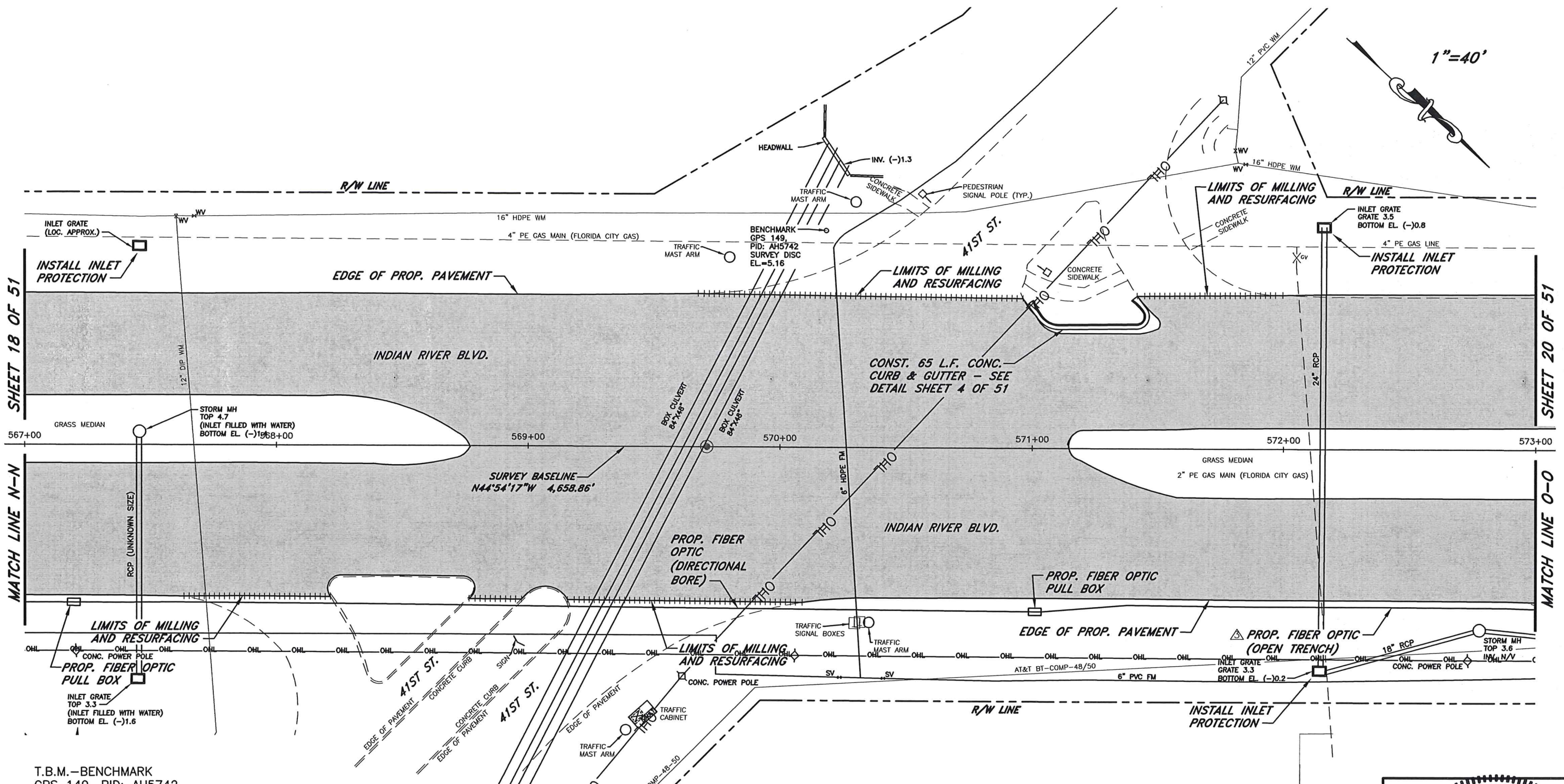


NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 18 OF 51
▲	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH			DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
▲	PRODUCTION PHASE COMMENTS	8/17/2021	KPH			APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE		
▲	PRODUCTION PHASE COMMENTS	8/5/2021	KPH					IRC-1707		

1"=40'



SHEET 18 OF 51

SHEET 20 OF 51

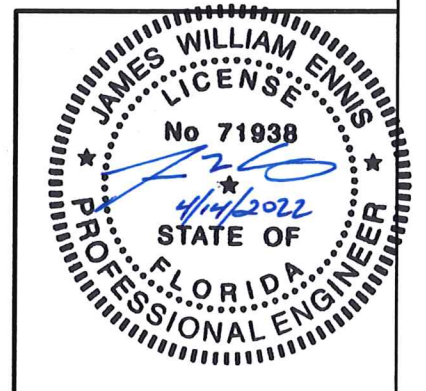
MATCH LINE N-N

MATCH LINE O-O

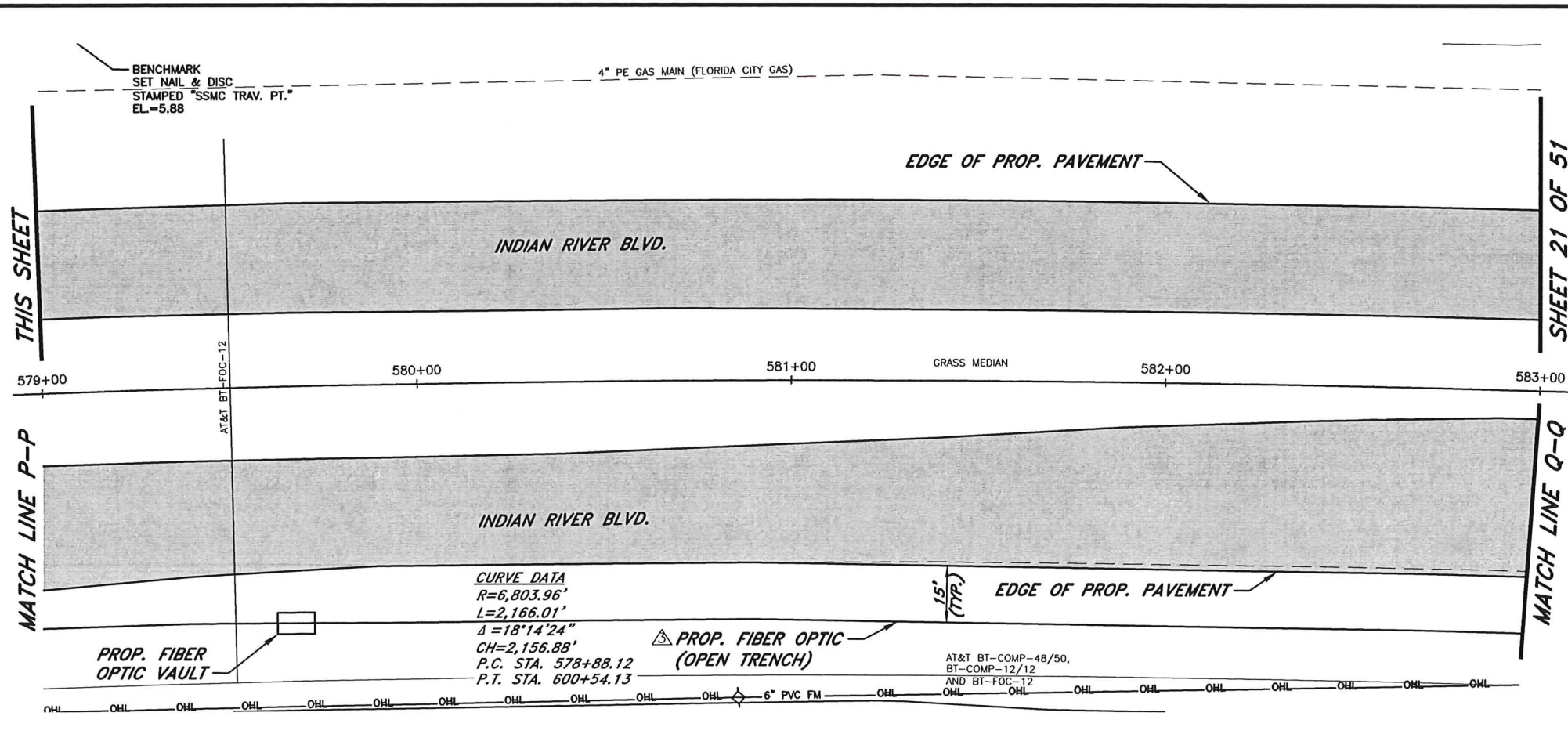
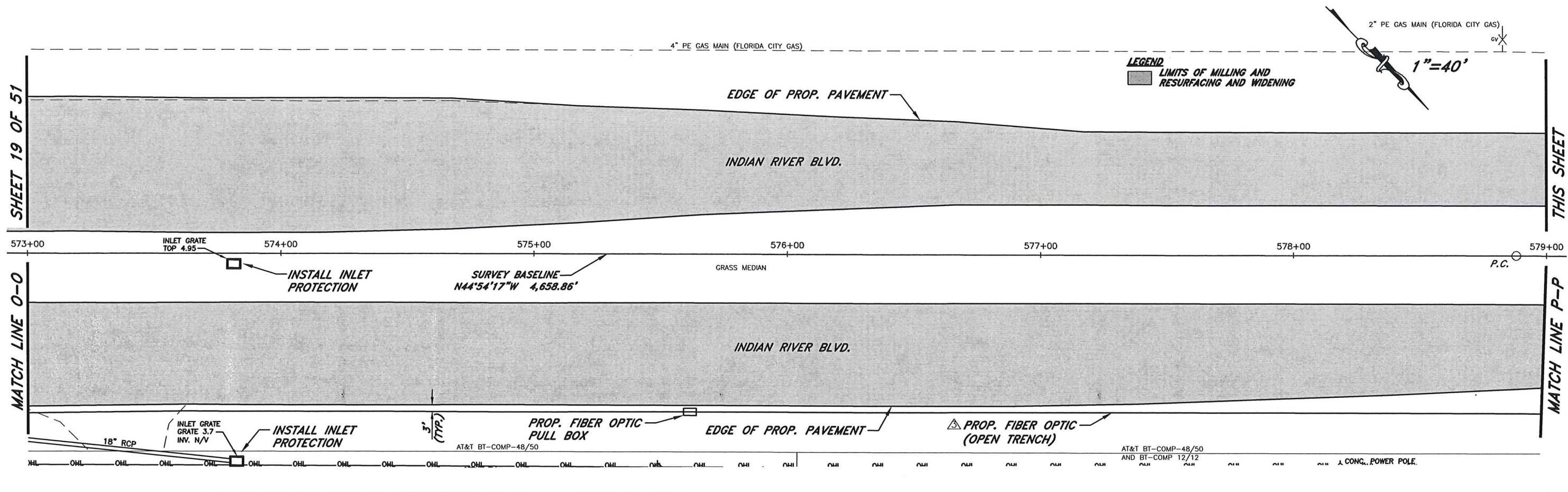
T.B.M.—BENCHMARK
 GPS 149, PID: AH5742
 SURVEY DISC
 EL=5.16 (NAVD 88)
 STA. 570+18.09, 85.87' LT.

LEGEND
 [Hatched Box] LIMITS OF MILLING AND RESURFACING AND WIDENING

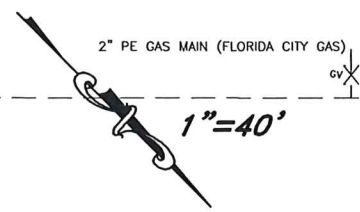
NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 19 OF 51
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH			DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH			APPROVED BY: J. ENNIS, P.E.	RANGE 39E	IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH							



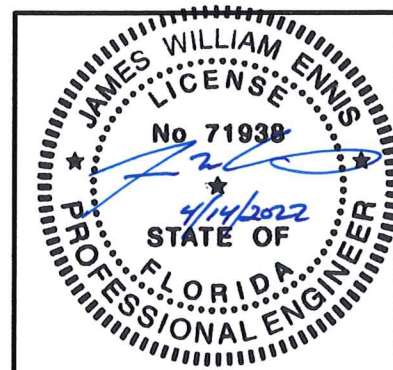
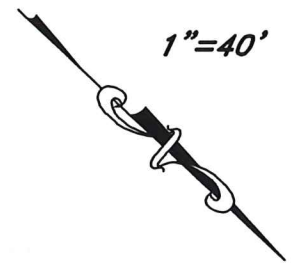
LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING



AT&T BT-COMP-48/50 AND BT-COMP 12/12
 1 CONGR. POWER POLE.

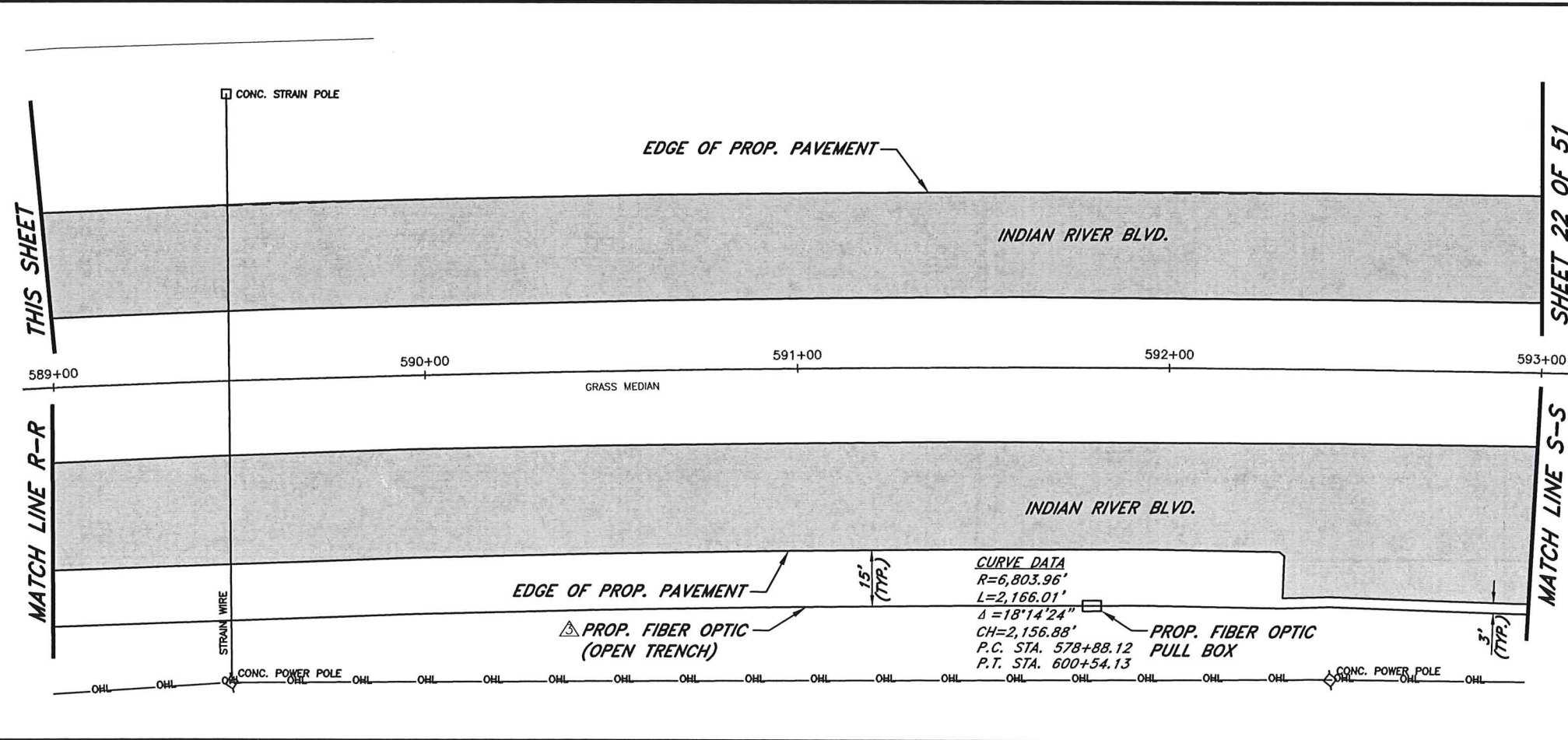
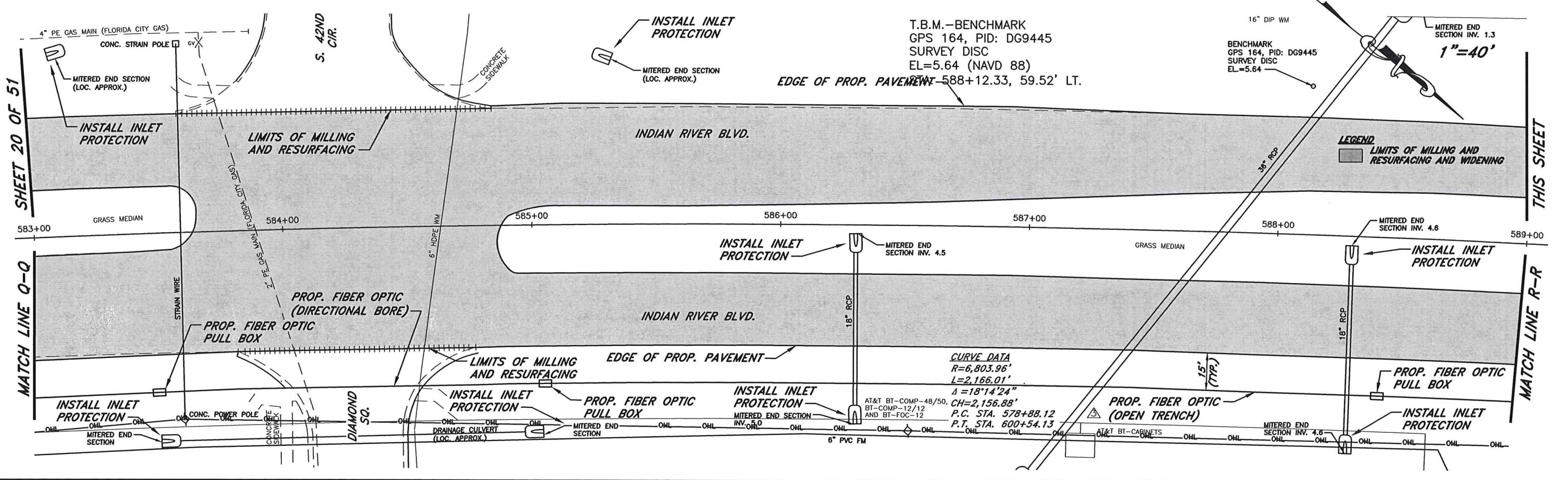
T.B.M.-BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV. PT."
 EL=5.88 (NAVD 88)
 STA. 579+08.71, 95.18' LT.

LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING

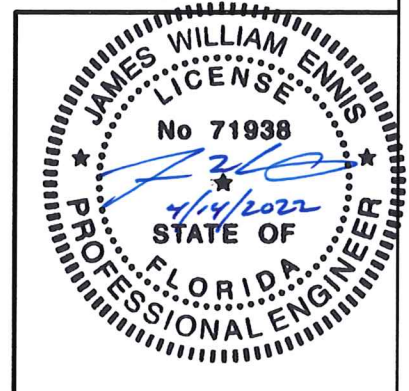


NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.

No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000		Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH				DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH				APPROVED BY: J. ENNIS, P.E.	RANGE 39E	INDIAN RIVER BLVD. RESURFACING PLAN
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH					FIELD BOOK NO. PAGE	IRC-1707

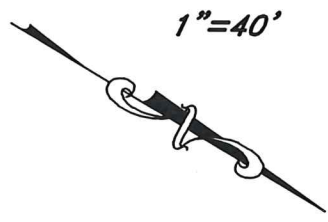
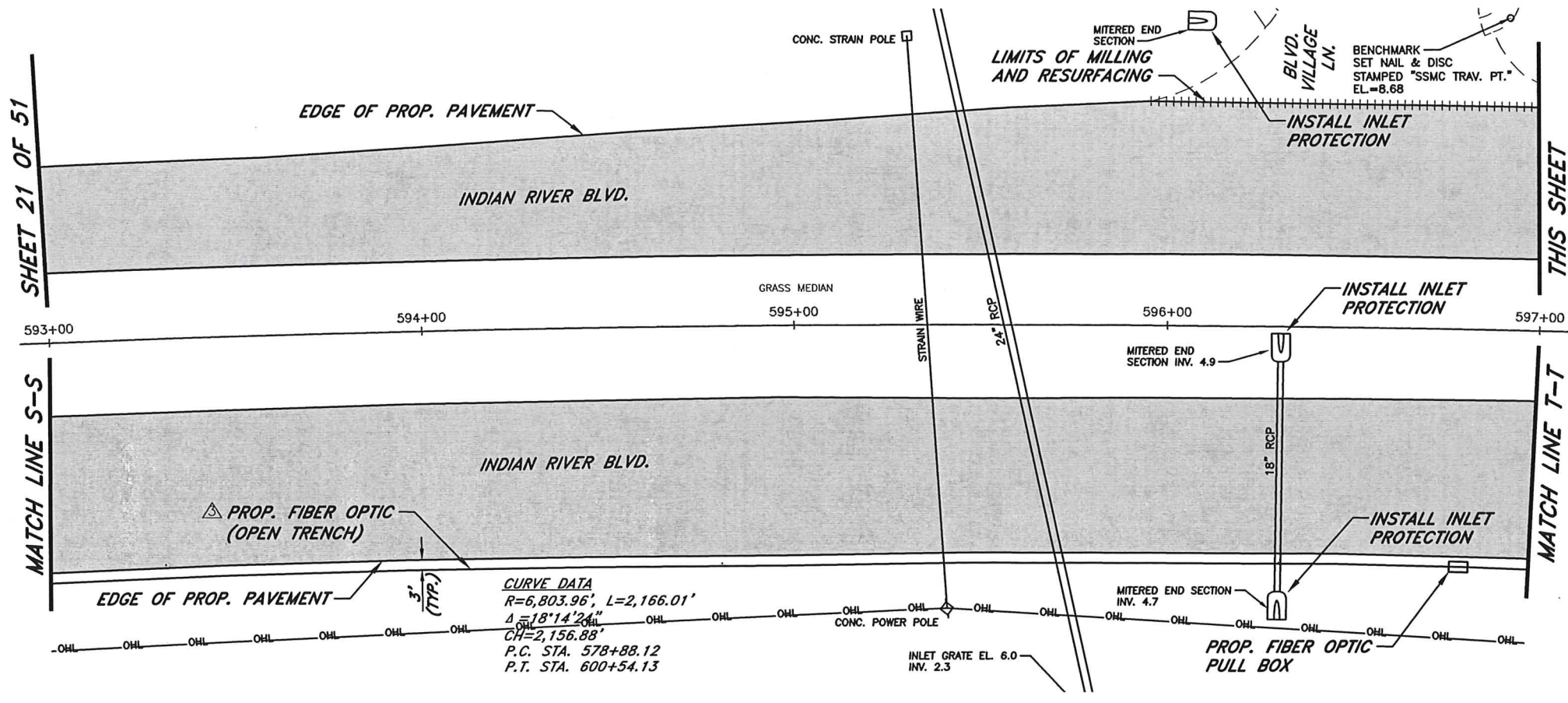


LEGEND
 [Hatched Box] LIMITS OF MILLING AND RESURFACING AND WIDENING



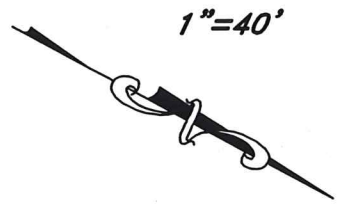
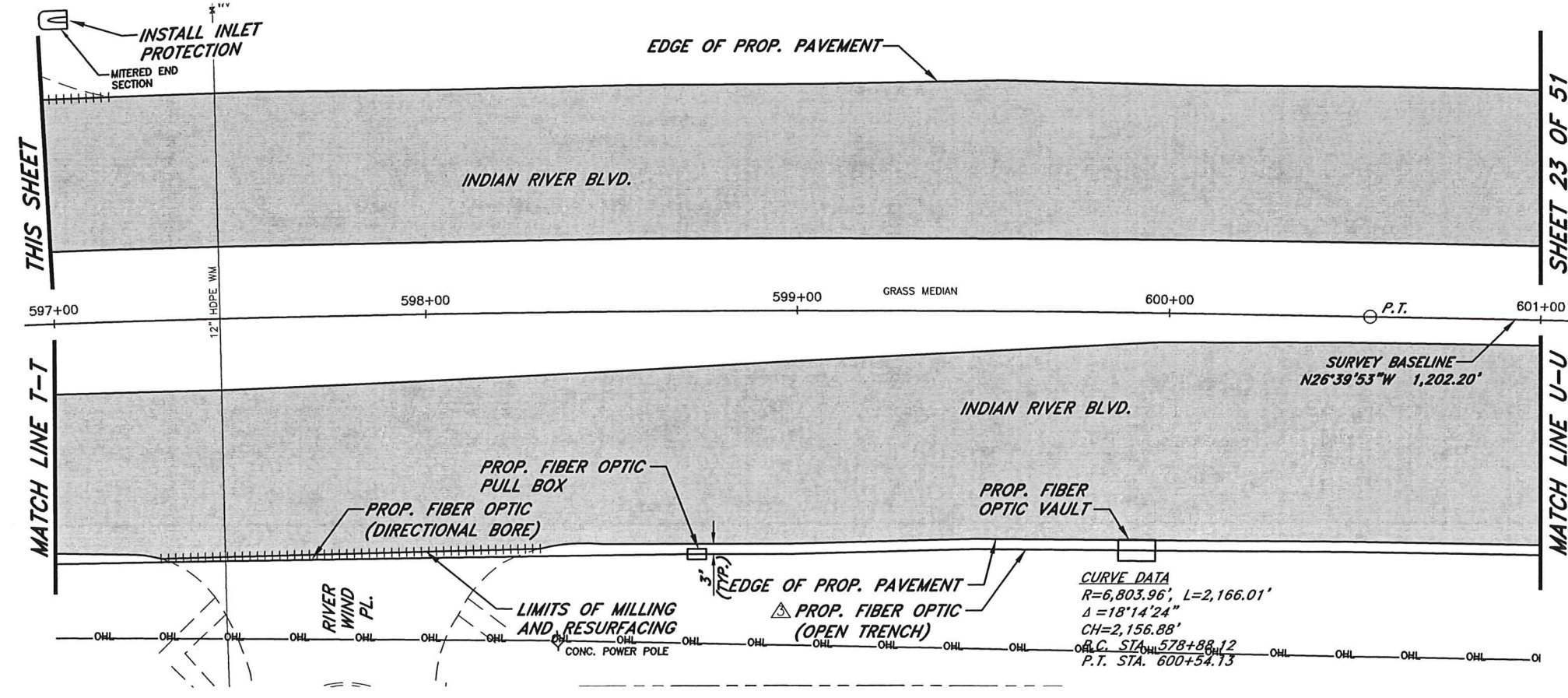
NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.

No.	Revision	Date	By	INDIAN RIVER COUNTY	DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 21 OF 51
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	1801 27th STREET	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH	VERO BEACH, FL 32960	APPROVED BY: J. ENNIS, P.E.	RANGE 39E	IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH	(772) 567-8000		FIELD BOOK NO. -			



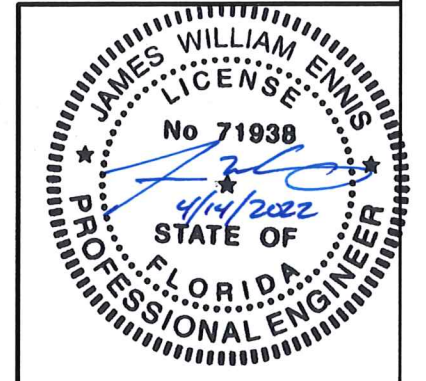
T.B.M.—BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV. PT."
 EL.=8.68 (NAVD 88)
 STA. 596+90.64, 83.39' LT.


LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING



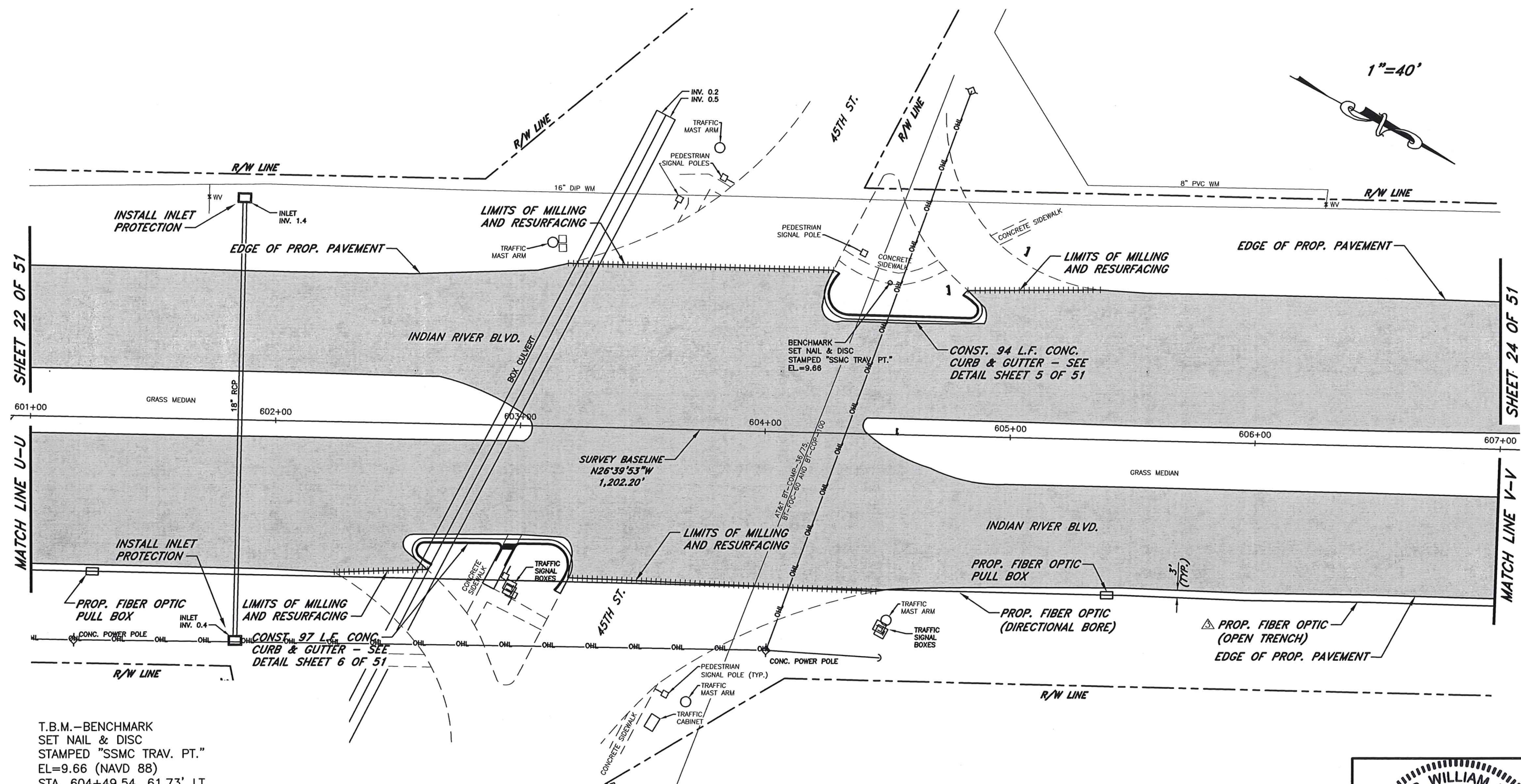
LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING

NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25.26.36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 22 OF 51
ADD	PROPOSED FIBER OPTIC	3/8/2022	KPH			DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
PRODUCTION	PHASE COMMENTS	8/17/2021	KPH			APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE		
PRODUCTION	PHASE COMMENTS	8/5/2021	KPH				IRC-1707			

1"=40'



SHEET 22 OF 51

SHEET 24 OF 51

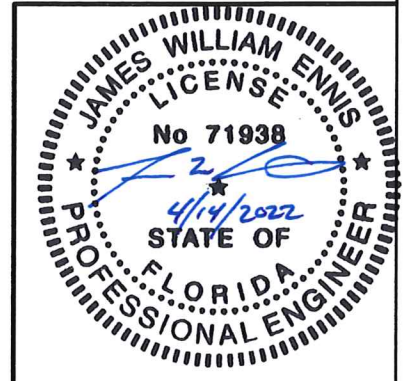
MATCH LINE U-U

MATCH LINE V-V

T.B.M.—BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV. PT."
 EL=9.66 (NAVD 88)
 STA. 604+49.54, 61.73' LT.

LEGEND
 LIMITS OF MILLING AND RESURFACING AND WIDENING

NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.

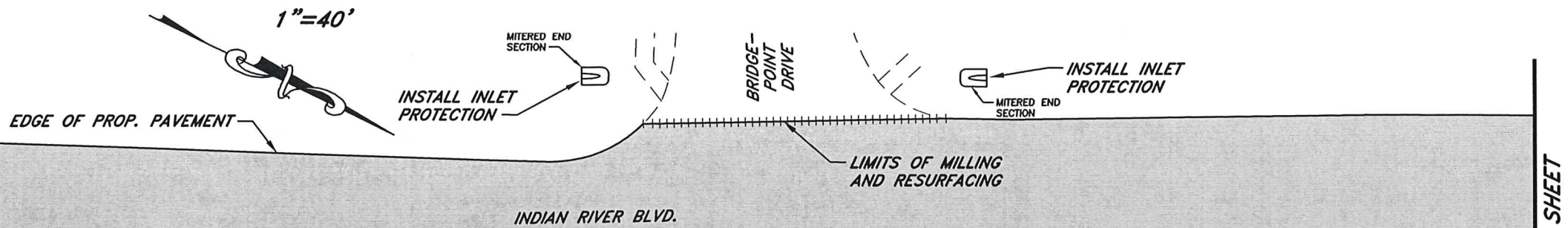


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000		Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021
▲	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH				DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.
▲	PRODUCTION PHASE COMMENTS	8/17/2021	KPH				APPROVED BY: J. ENNIS, P.E.	RANGE 39E	IRC-1707
▲	PRODUCTION PHASE COMMENTS	8/5/2021	KPH					FIELD BOOK NO. -	

INDIAN RIVER BLVD. RESURFACING
 PLAN

SHEET 23 OF 51

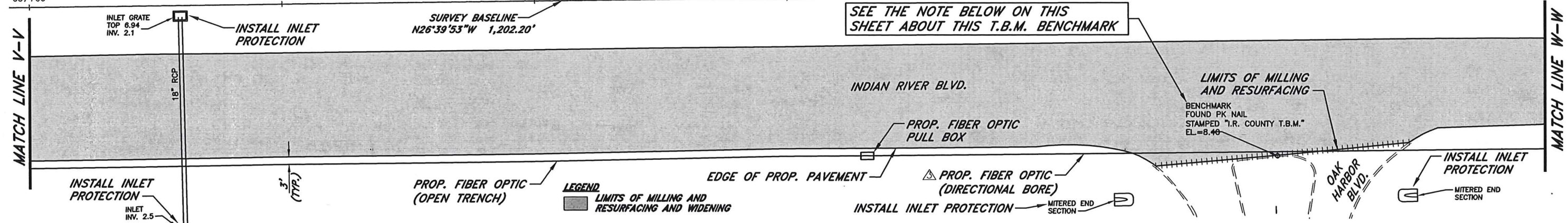
T.B.M.—BENCHMARK
 FOUND PK NAIL
 STAMPED "I.R. COUNTY T.B.M."
 EL=8.40 (NAVD 88)
 STA. 611+93.27, 64.68' RT.



SHEET 23 OF 51

THIS SHEET

607+00 608+00 609+00 610+00 GRASS MEDIAN 611+00 612+00 613+00



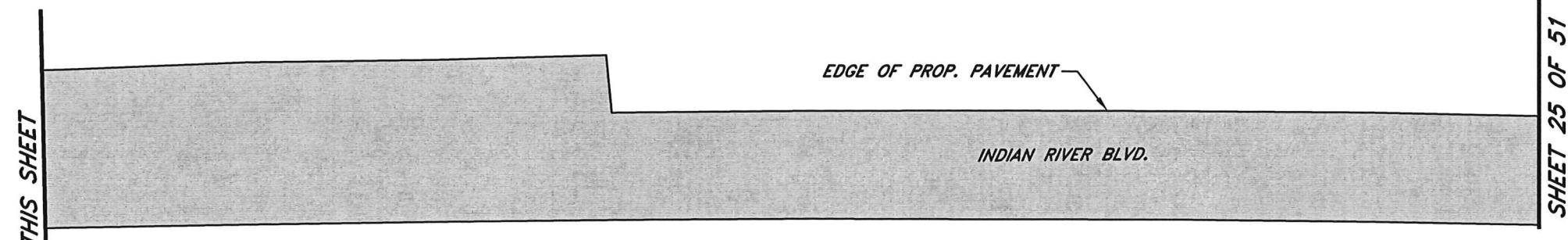
MATCH LINE V-V

MATCH LINE W-W

SEE THE NOTE BELOW ON THIS SHEET ABOUT THIS T.B.M. BENCHMARK

LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING

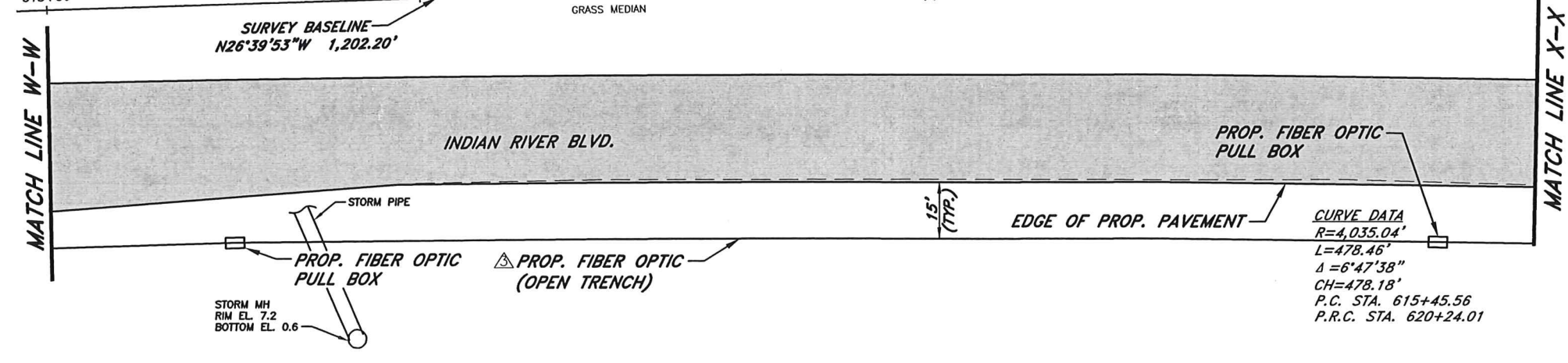
NOTE: THE T.B.M. BENCHMARK SHOWN ON THIS SHEET IS REFERENCED FROM THE INDIAN RIVER BOULEVARD TOPOGRAPHIC SURVEY PERFORMED BY SOUTHEASTERN SURVEYING AND MAPPING CORPORATION, DRAWING NUMBER 66091001C, SHEET 7 OF 10, DATED FEBRUARY 17, 2021. SAID BENCHMARK PER THIS SURVEY HAS AN INCORRECT ELEVATION OF 9.66. THE CORRECT ELEVATION IS AS SHOWN ON THIS SHEET, 8.40 (NAVD 88).



THIS SHEET

SHEET 25 OF 51

613+00 614+00 615+00 616+00 617+00



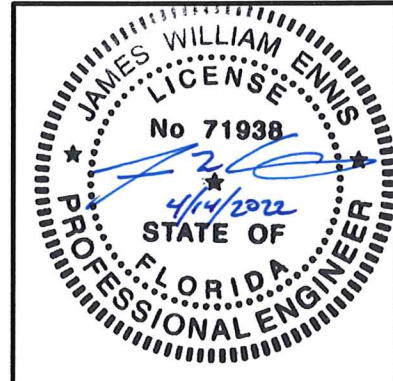
MATCH LINE W-W

MATCH LINE X-X

LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING

CURVE DATA
 R=4,035.04'
 L=478.46'
 Δ=6°47'38"
 CH=478.18'
 P.C. STA. 615+45.56
 P.R.C. STA. 620+24.01

NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 24 OF 51
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	Department of Public Works Engineering Division	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH		APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE		

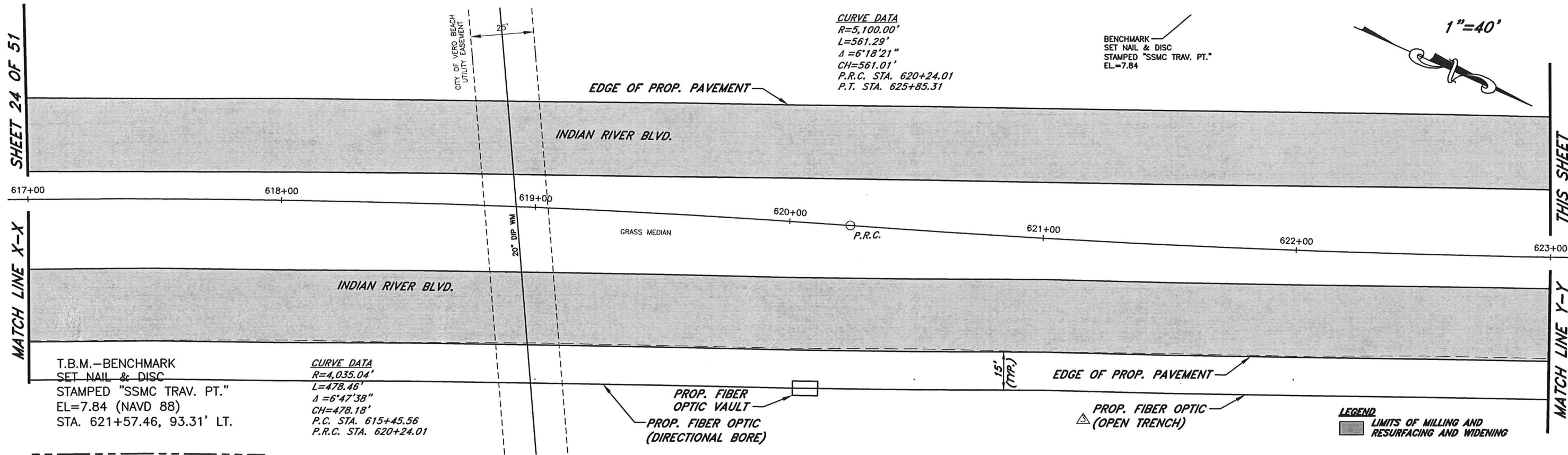
SHEET 24 OF 51

MATCH LINE X-X

MATCH LINE Y-Y

THIS SHEET

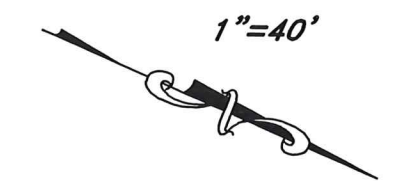
MATCH LINE Y-Y



CURVE DATA
 R=5,100.00'
 L=561.29'
 Δ=6°18'21\"
 CH=561.01'
 P.R.C. STA. 620+24.01
 P.T. STA. 625+85.31

BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV. PT."
 EL.=7.84

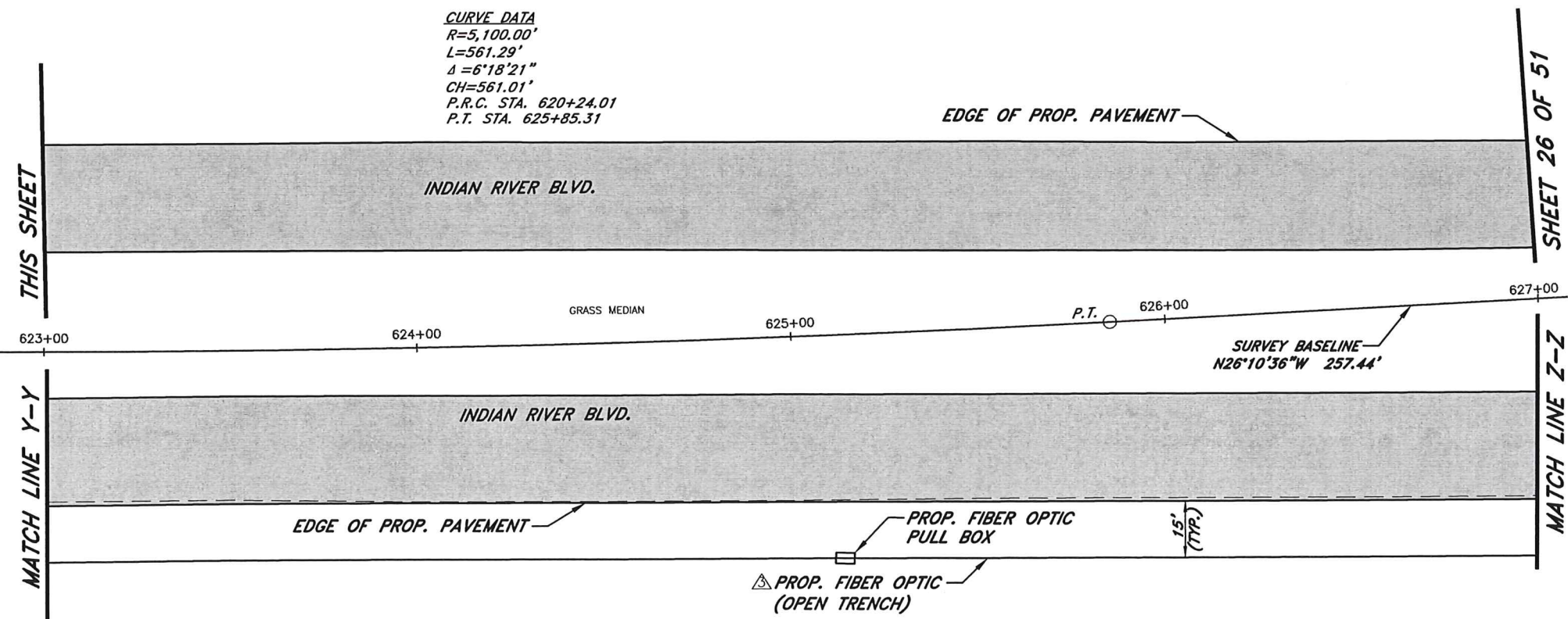
1"=40'



CURVE DATA
 R=4,035.04'
 L=478.46'
 Δ=6°47'38\"
 CH=478.18'
 P.C. STA. 615+45.56
 P.R.C. STA. 620+24.01

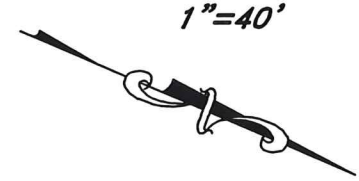
T.B.M.—BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV. PT."
 EL=7.84 (NAVD 88)
 STA. 621+57.46, 93.31' LT.

LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING

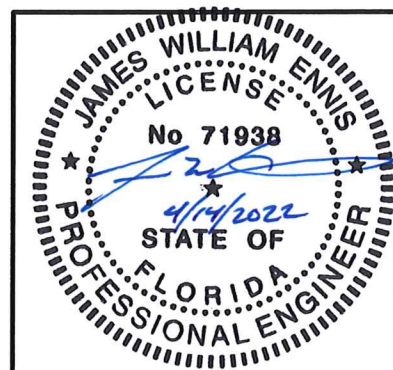


CURVE DATA
 R=5,100.00'
 L=561.29'
 Δ=6°18'21\"
 CH=561.01'
 P.R.C. STA. 620+24.01
 P.T. STA. 625+85.31

1"=40'

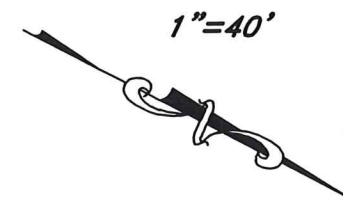
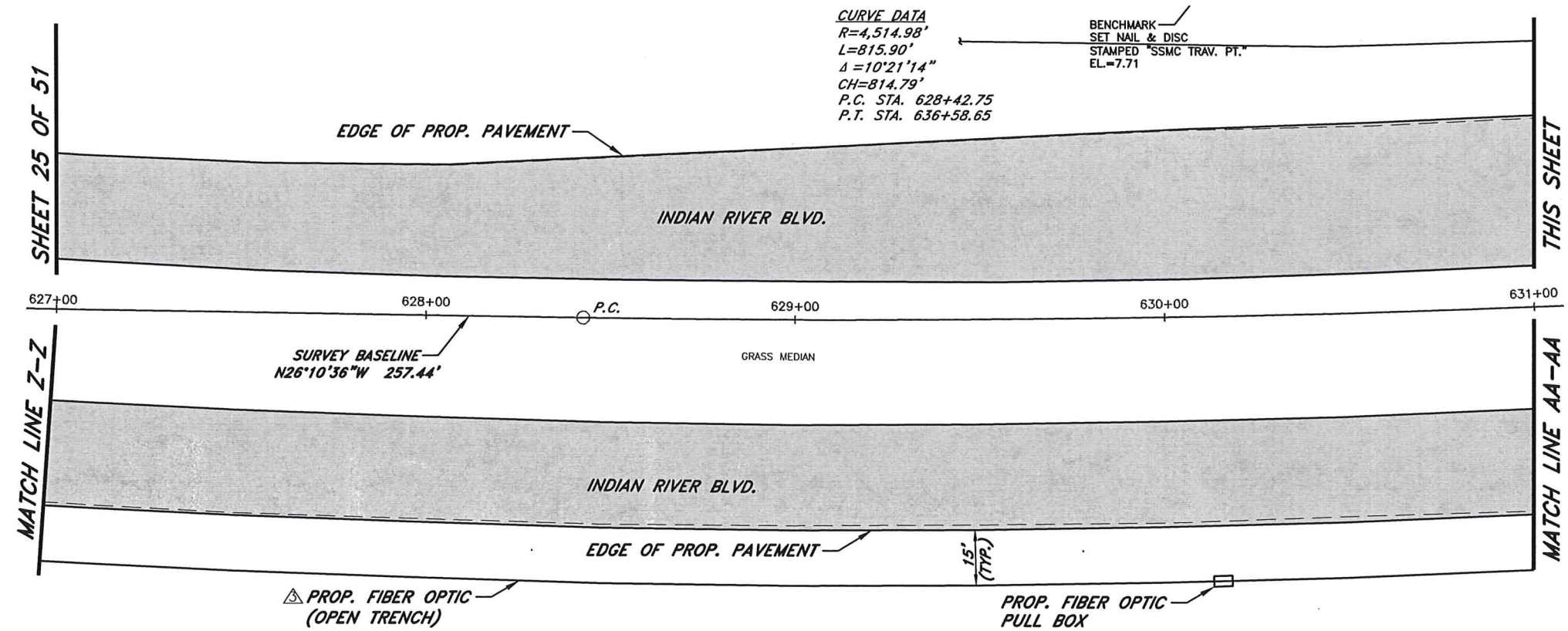


LEGEND
 [Shaded Area] LIMITS OF MILLING AND RESURFACING AND WIDENING



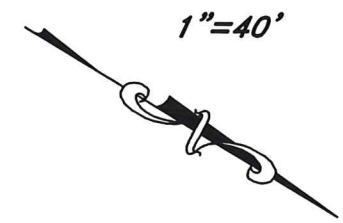
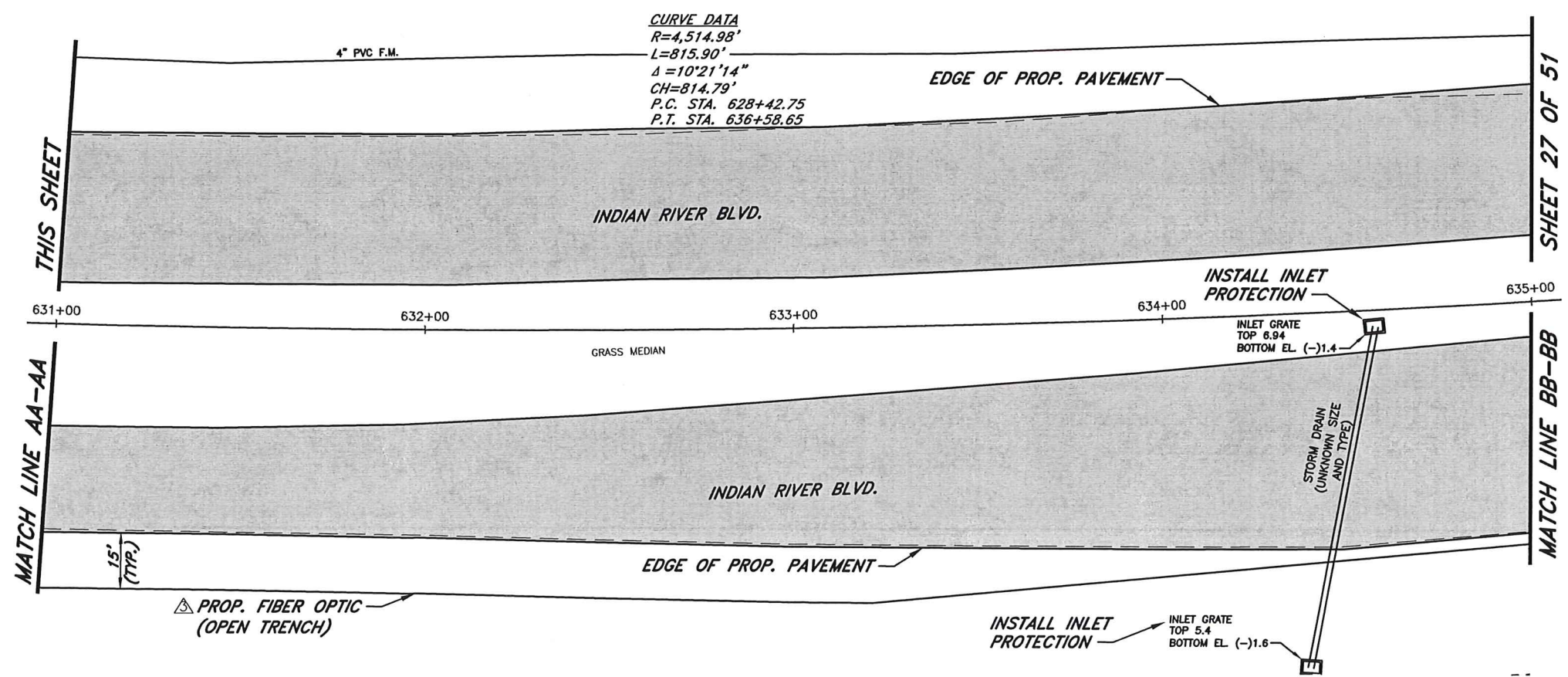
NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.

No.	Revision	Date	By	INDIAN RIVER COUNTY	DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 25 OF 51
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	1801 27th STREET	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH	VERO BEACH, FL 32960	APPROVED BY: J. ENNIS, P.E.	RANGE 39E	IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH	(772) 567-8000		FIELD BOOK NO. PAGE			



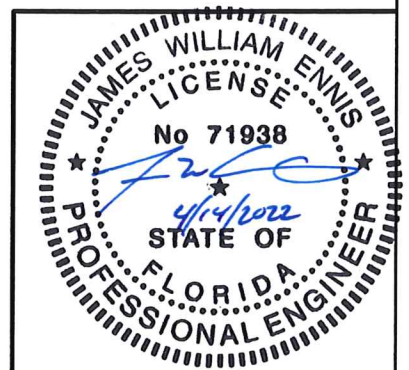
T.B.M.—BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV. PT."
 EL=7.71 (NAVD 88)
 STA. 630+16.33, 92.89' LT.

LEGEND
 LIMITS OF MILLING AND
 RESURFACING AND WIDENING

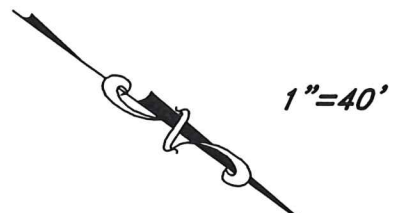


LEGEND
 LIMITS OF MILLING AND
 RESURFACING AND WIDENING

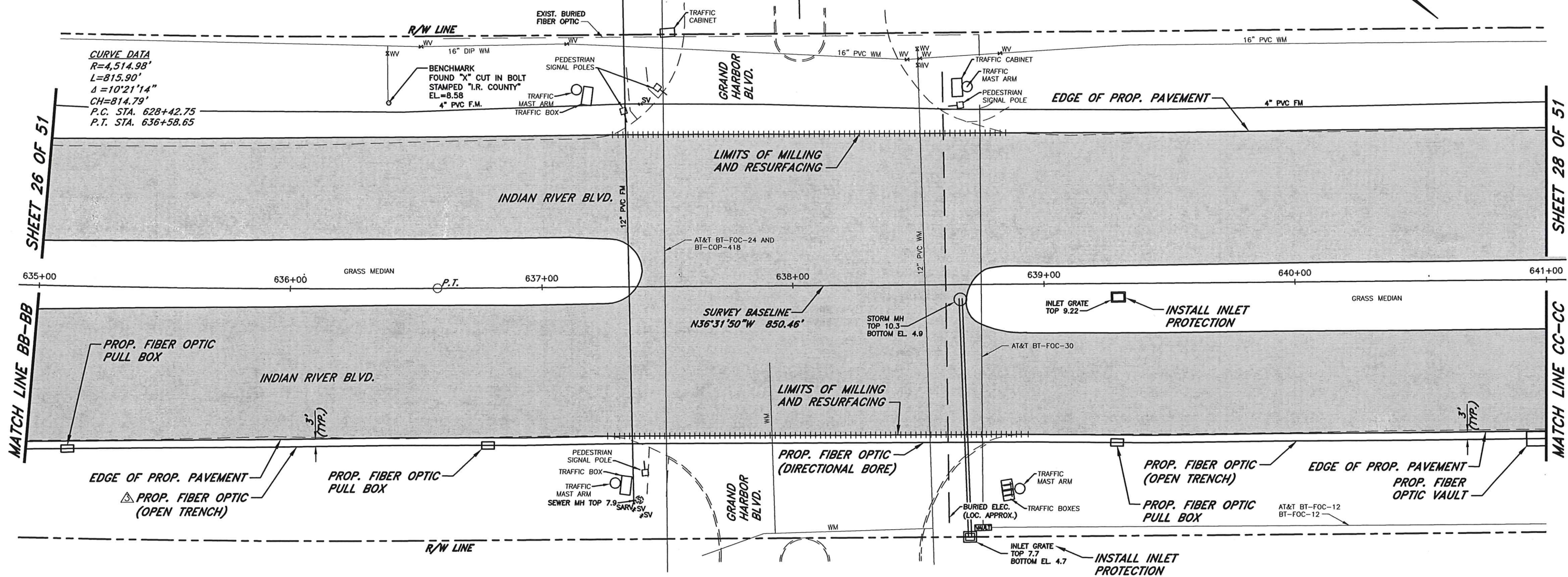
NOTE: RIGHT OF WAY LINES NOT
 VISIBLE ON ALL SHEETS. PLEASE
 REFER TO TYPICAL SECTION SHEET
 FOR RIGHT OF WAY DIMENSIONS TO
 THE BASELINE SURVEY.



No.	Revision	Date	By	INDIAN RIVER COUNTY	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 26 OF 51
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	1801 27th STREET	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH	VERO BEACH, FL 32960	APPROVED BY: J. ENNIS, P.E.	RANGE 39E	IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH	(772) 567-8000		FIELD BOOK NO.			



1"=40'

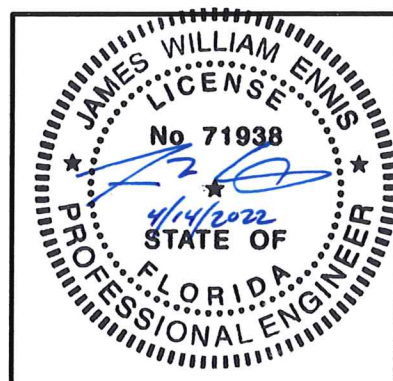




CURVE DATA
 R=4,514.98'
 L=815.90'
 Δ=10°21'14"
 CH=814.79'
 P.C. STA. 628+42.75
 P.T. STA. 636+58.65

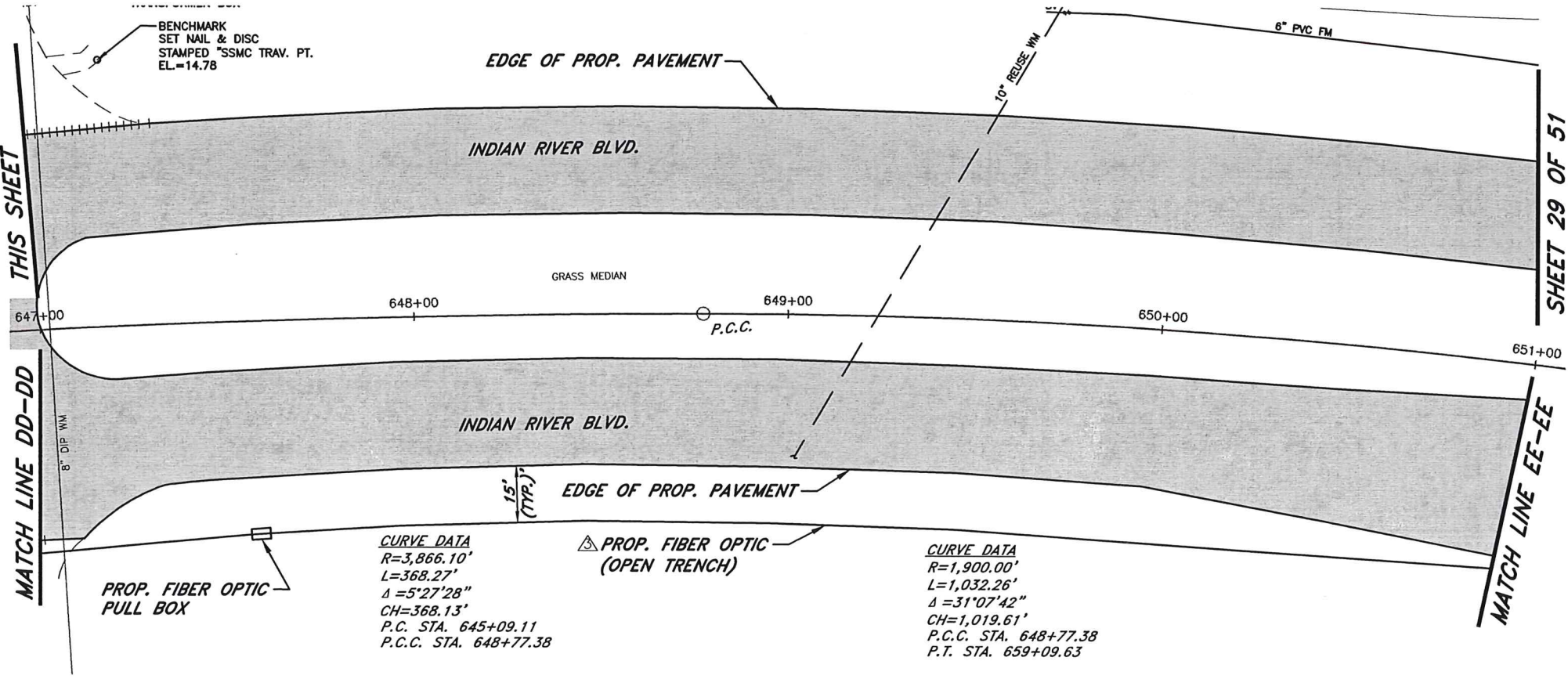
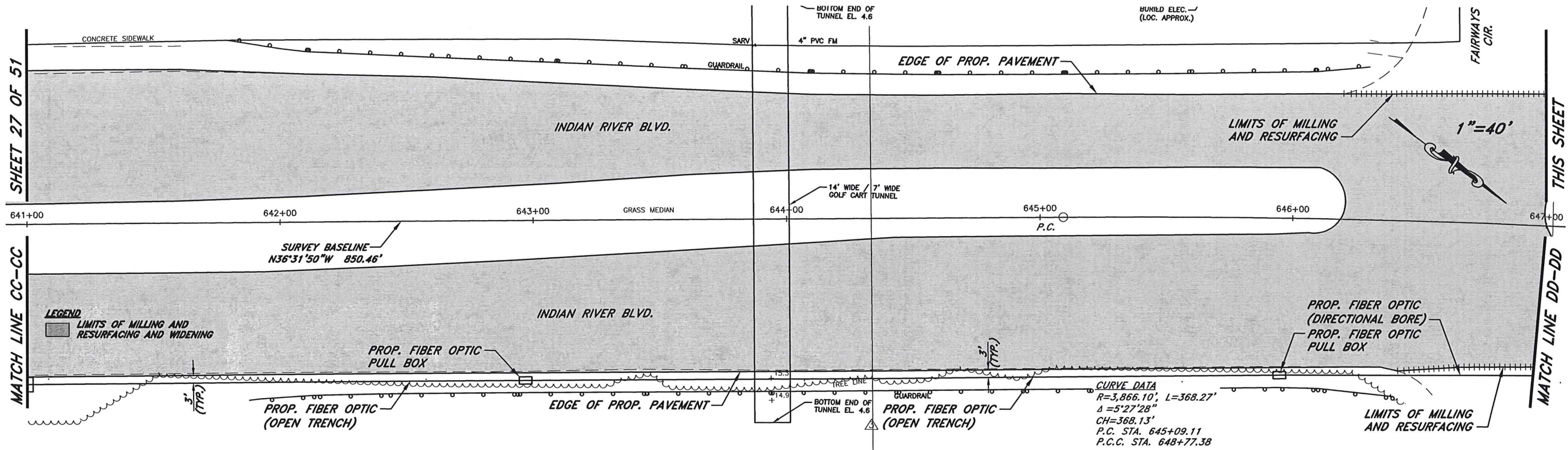
T.B.M.—BENCHMARK
 FOUND "X" CUT IN BOLT
 STAMPED "I.R. COUNTY"
 EL=8.58 (NAVD 88)
 STA. 636+39.58, 73.70' LT.

LEGEND
 [Grey Box] LIMITS OF MILLING AND RESURFACING AND WIDENING

NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.

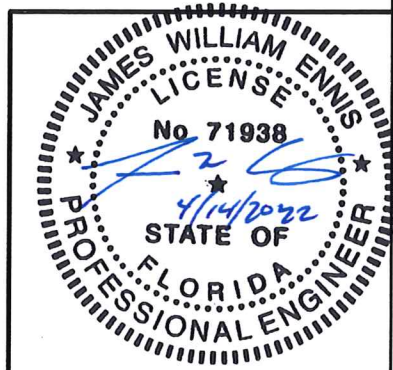


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 27 OF 51
Δ	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	 Department of Public Works Engineering Division		DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
Δ	PRODUCTION PHASE COMMENTS	8/17/2021	KPH			APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE		IRC-1707
Δ	PRODUCTION PHASE COMMENTS	8/5/2021	KPH							



T.B.M.—BENCHMARK
SET NAIL & DISC
STAMPED "SSMC TRAV. PT."
EL=14.78 (NAVD 88)
STA. 647+18.30, 70.64' LT.

LEGEND
LIMITS OF MILLING AND
RESURFACING AND WIDENING



NOTE: RIGHT OF WAY LINES NOT
VISIBLE ON ALL SHEETS. PLEASE
REFER TO TYPICAL SECTION SHEET
FOR RIGHT OF WAY DIMENSIONS TO
THE BASELINE SURVEY.

No.	Revision	Date	By
△	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH

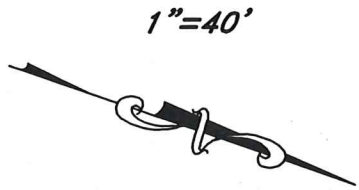
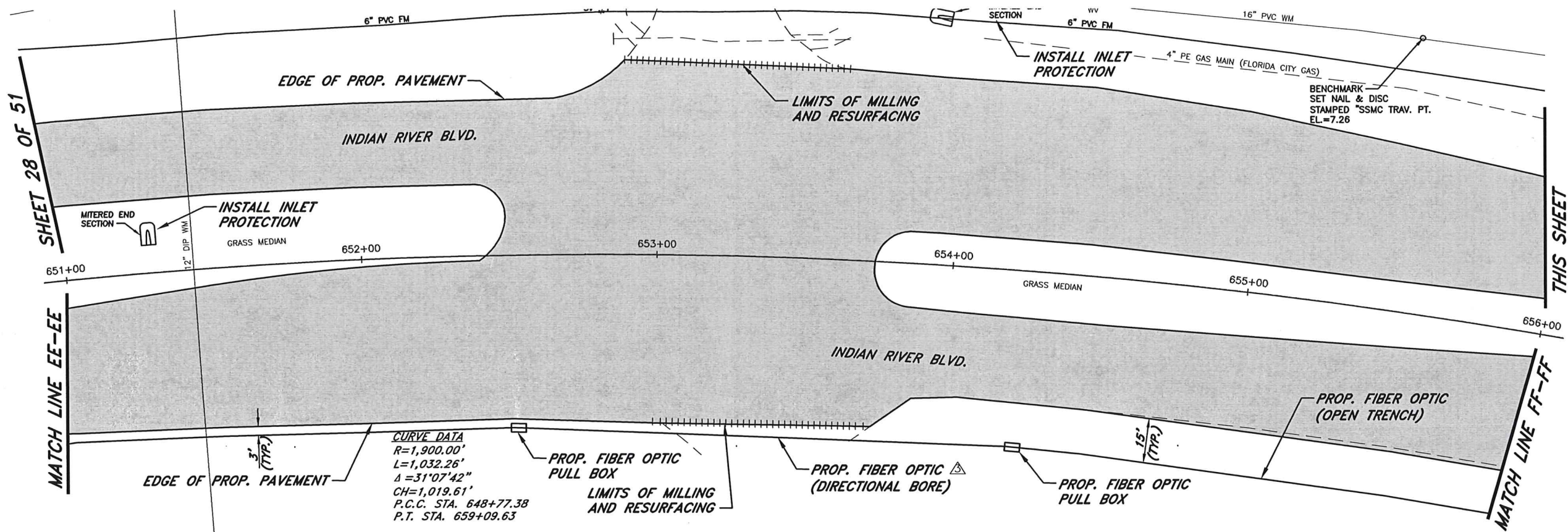
INDIAN RIVER COUNTY
1801 27th STREET
VERO BEACH, FL 32960
(772) 567-8000

Department of Public Works
Engineering Division

DESIGNED BY: J. ENNIS, P.E.
DRAWN BY: K. P. HANSEN
APPROVED BY: J. ENNIS, P.E.
SECTION 23, 25, 26, 36
TOWNSHIP 32S
RANGE 39E
FIELD BOOK NO. -
PAGE -
DATE: 3/4/2021
COUNTY PROJECT NO. IRC-1707

INDIAN RIVER BLVD. RESURFACING
PLAN

SHEET 28 OF 51



T.B.M. - BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV. PT."
 EL=7.26 (NAVD 88)
 STA. 655+47.04, 92.52' LT.

LEGEND
 [Hatched Box] LIMITS OF MILLING AND RESURFACING AND WIDENING

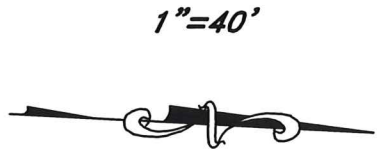
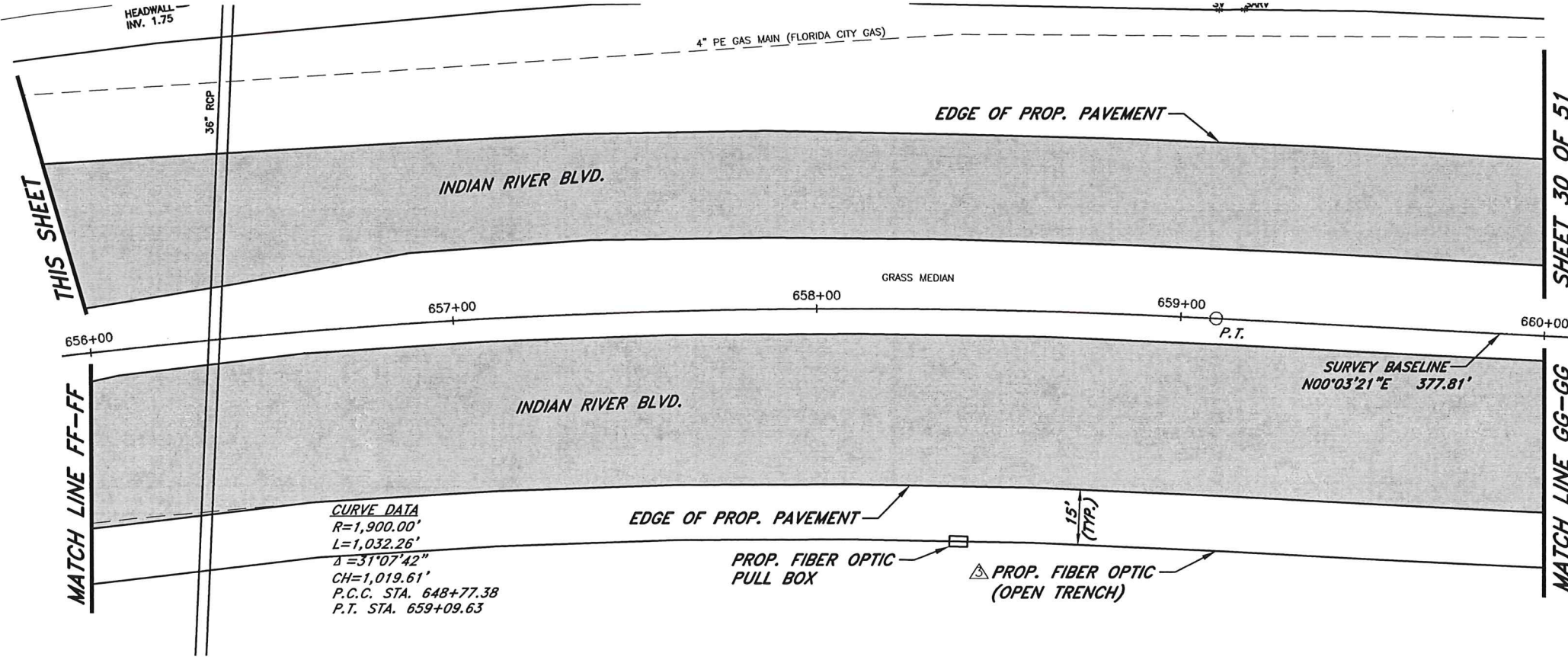
CURVE DATA
 R=1,900.00'
 L=1,032.26'
 Δ=31°07'42"
 CH=1,019.61'
 P.C.C. STA. 648+77.38
 P.T. STA. 659+09.63

SHEET 28 OF 51

MATCH LINE EE-EE

THIS SHEET

MATCH LINE FF-FF



LEGEND
 [Hatched Box] LIMITS OF MILLING AND RESURFACING AND WIDENING

CURVE DATA
 R=1,900.00'
 L=1,032.26'
 Δ=31°07'42"
 CH=1,019.61'
 P.C.C. STA. 648+77.38
 P.T. STA. 659+09.63

THIS SHEET

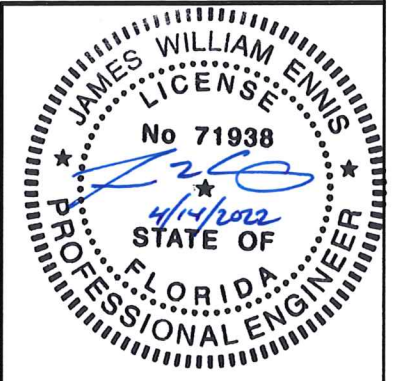
MATCH LINE FF-FF

SHEET 30 OF 51

MATCH LINE GG-GG

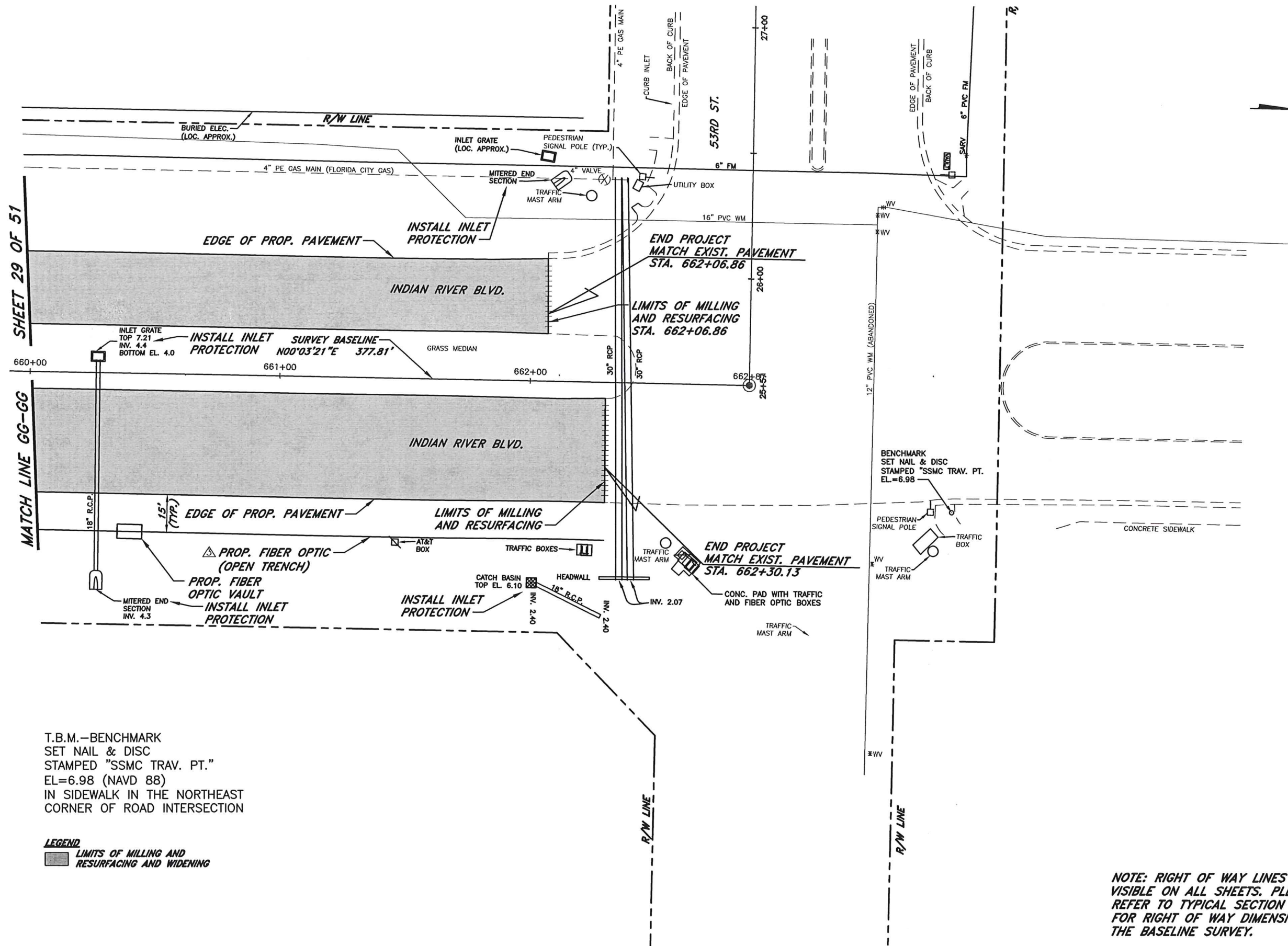
SURVEY BASELINE
 N00°03'21"E 377.81'

NOTE: RIGHT OF WAY LINES NOT VISIBLE ON ALL SHEETS. PLEASE REFER TO TYPICAL SECTION SHEET FOR RIGHT OF WAY DIMENSIONS TO THE BASELINE SURVEY.



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E.	SECTION 25.25.26.36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 29 OF 51
▲	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	Department of Public Works Engineering Division	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
▲	PRODUCTION PHASE COMMENTS	8/17/2021	KPH		APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE		
▲	PRODUCTION PHASE COMMENTS	8/5/2021	KPH				IRC-1707		

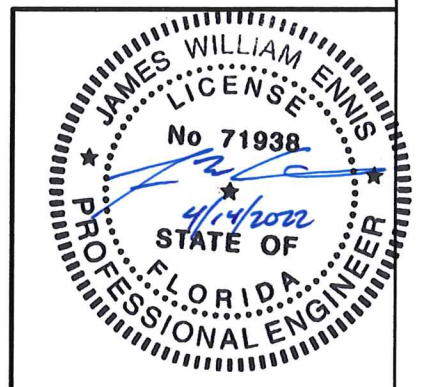
1"=40'



T.B.M.—BENCHMARK
 SET NAIL & DISC
 STAMPED "SSMC TRAV. PT."
 EL=6.98 (NAVD 88)
 IN SIDEWALK IN THE NORTHEAST
 CORNER OF ROAD INTERSECTION

LEGEND
 LIMITS OF MILLING AND
 RESURFACING AND WIDENING

NOTE: RIGHT OF WAY LINES NOT
 VISIBLE ON ALL SHEETS. PLEASE
 REFER TO TYPICAL SECTION SHEET
 FOR RIGHT OF WAY DIMENSIONS TO
 THE BASELINE SURVEY.

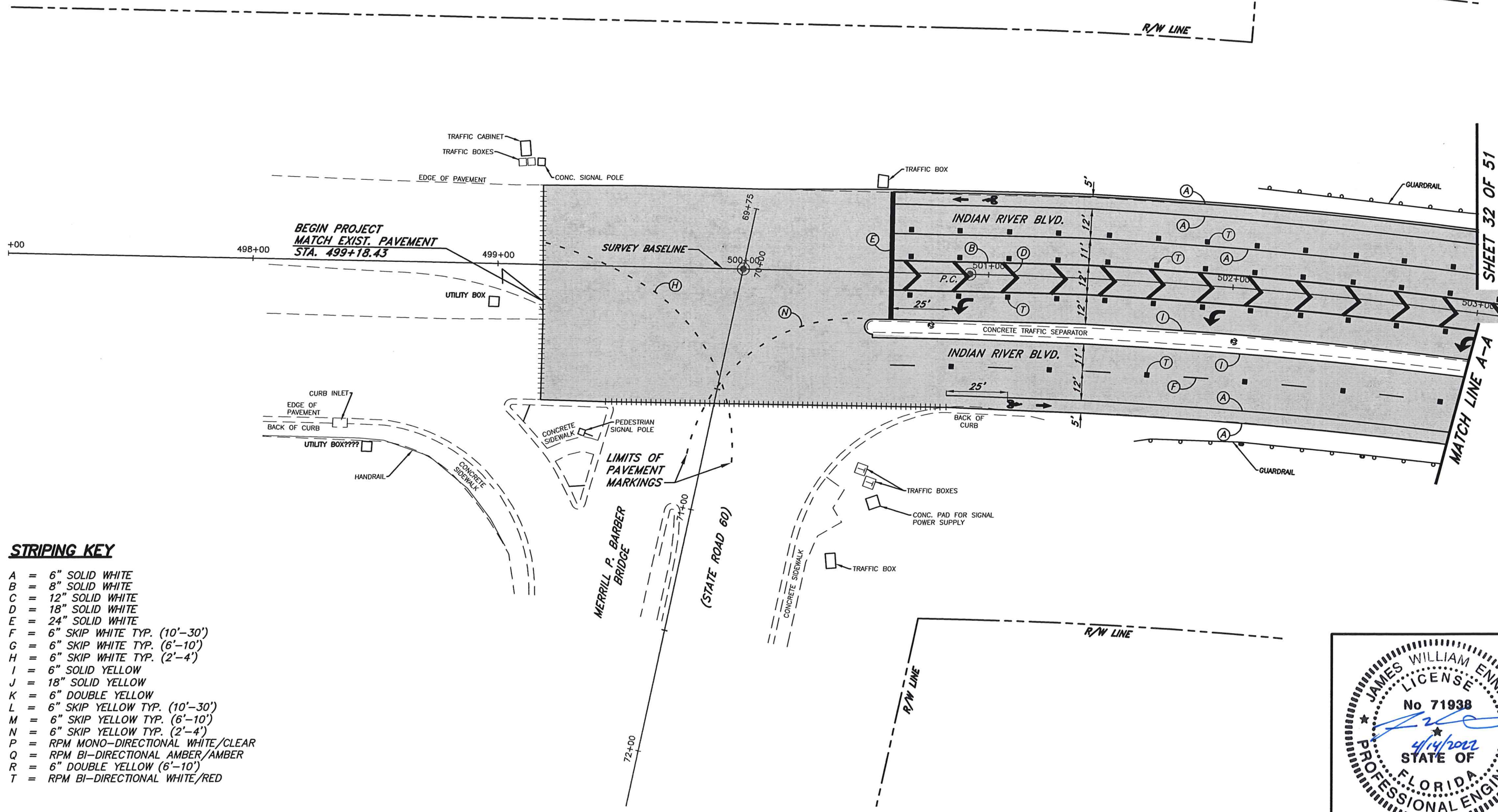


No.	Revision	Date	By	INDIAN RIVER COUNTY	DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PLAN	SHEET 30 OF 51
▲	ADD PROPOSED FIBER OPTIC	3/8/2022	KPH	1801 27th STREET	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
▲	PRODUCTION PHASE COMMENTS	8/17/2021	KPH	VERO BEACH, FL 32960	APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE		
▲	PRODUCTION PHASE COMMENTS	8/5/2021	KPH	(772) 567-8000			IRC-1707		



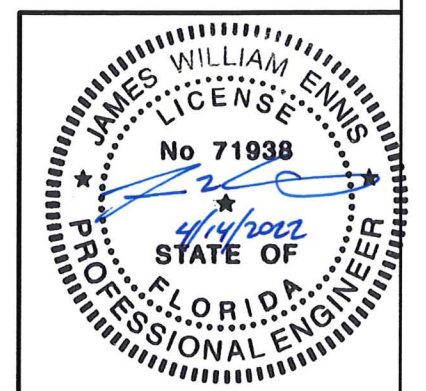
Department of Public Works
 Engineering Division


1"=40'



STRIPING KEY

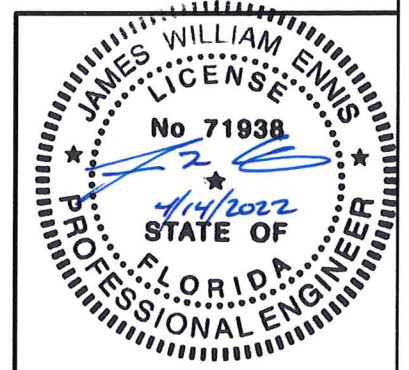
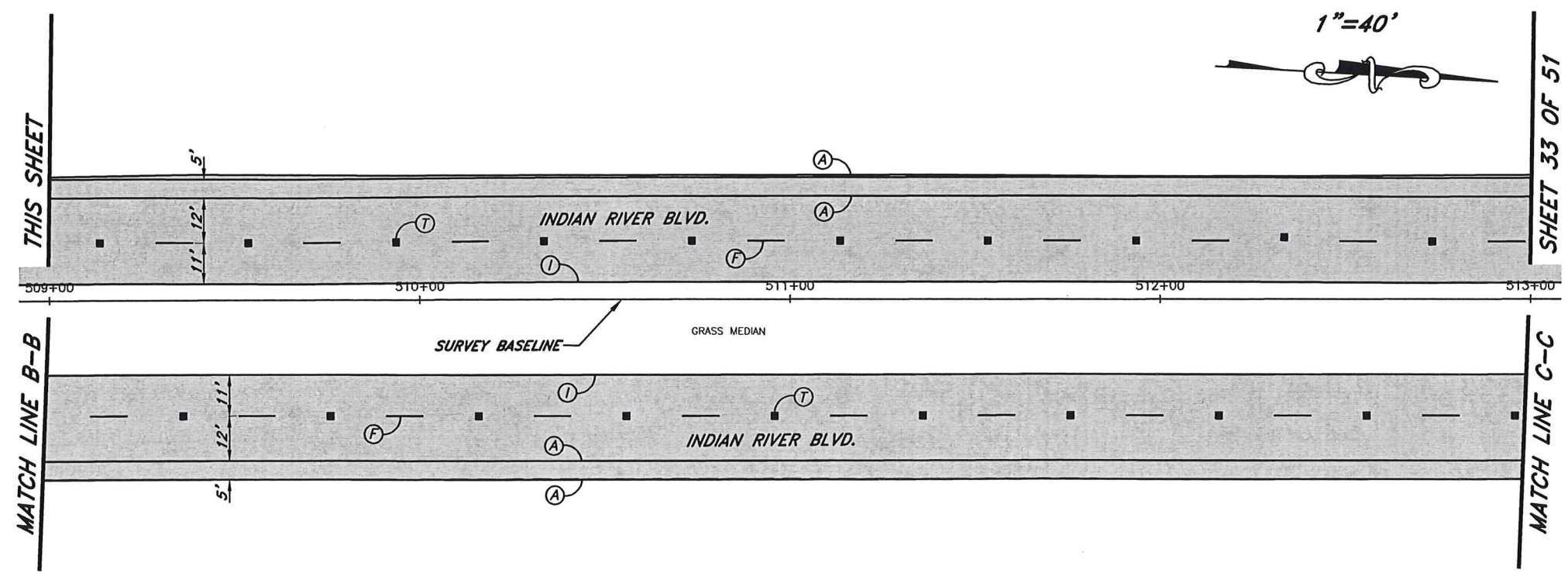
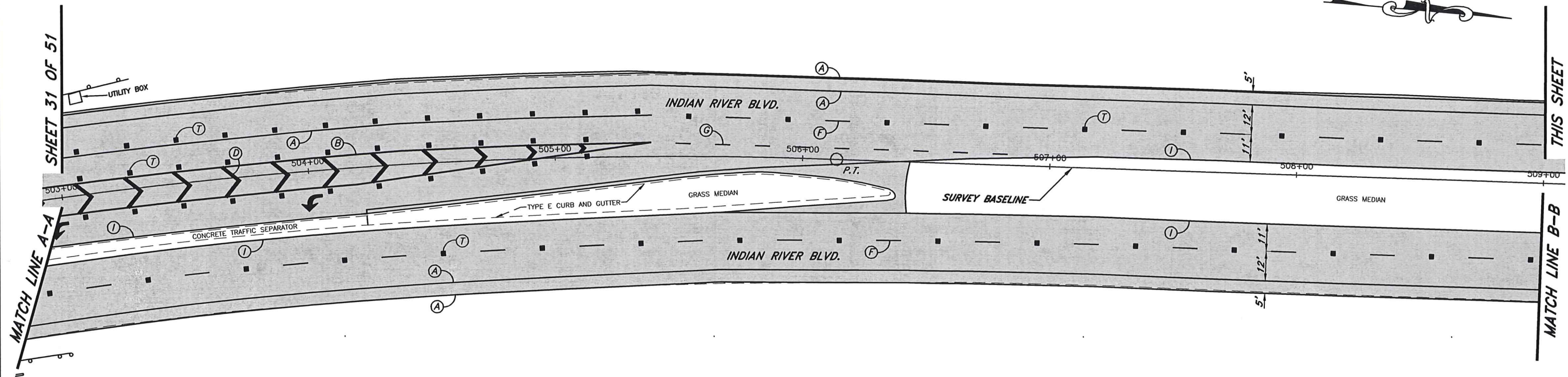
- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP. (10'-30')
- G = 6" SKIP WHITE TYP. (6'-10')
- H = 6" SKIP WHITE TYP. (2'-4')
- I = 6" SOLID YELLOW
- J = 18" SOLID YELLOW
- K = 6" DOUBLE YELLOW
- L = 6" SKIP YELLOW TYP.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



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E. DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	SECTION 23.25, 26, 36 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. - PAGE -	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 31 OF 51
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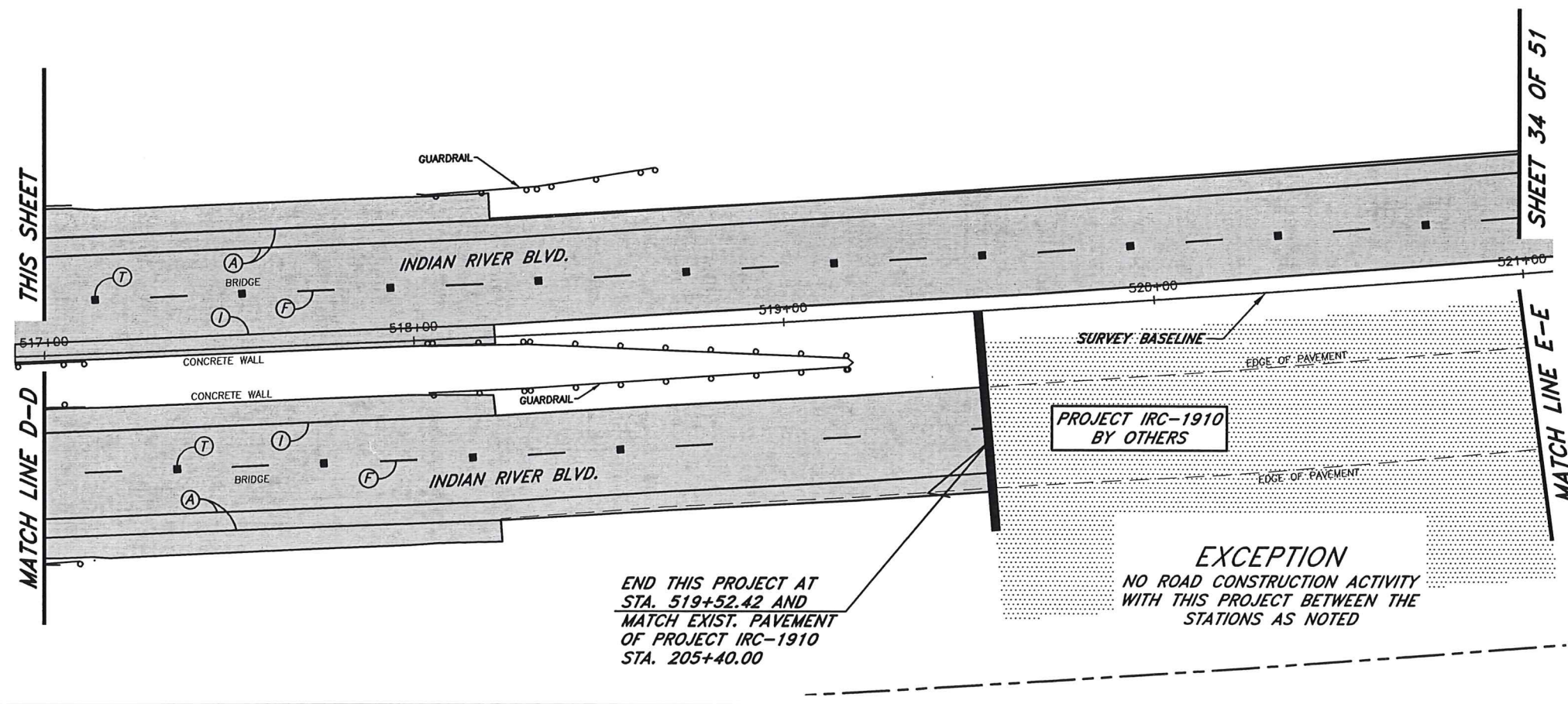
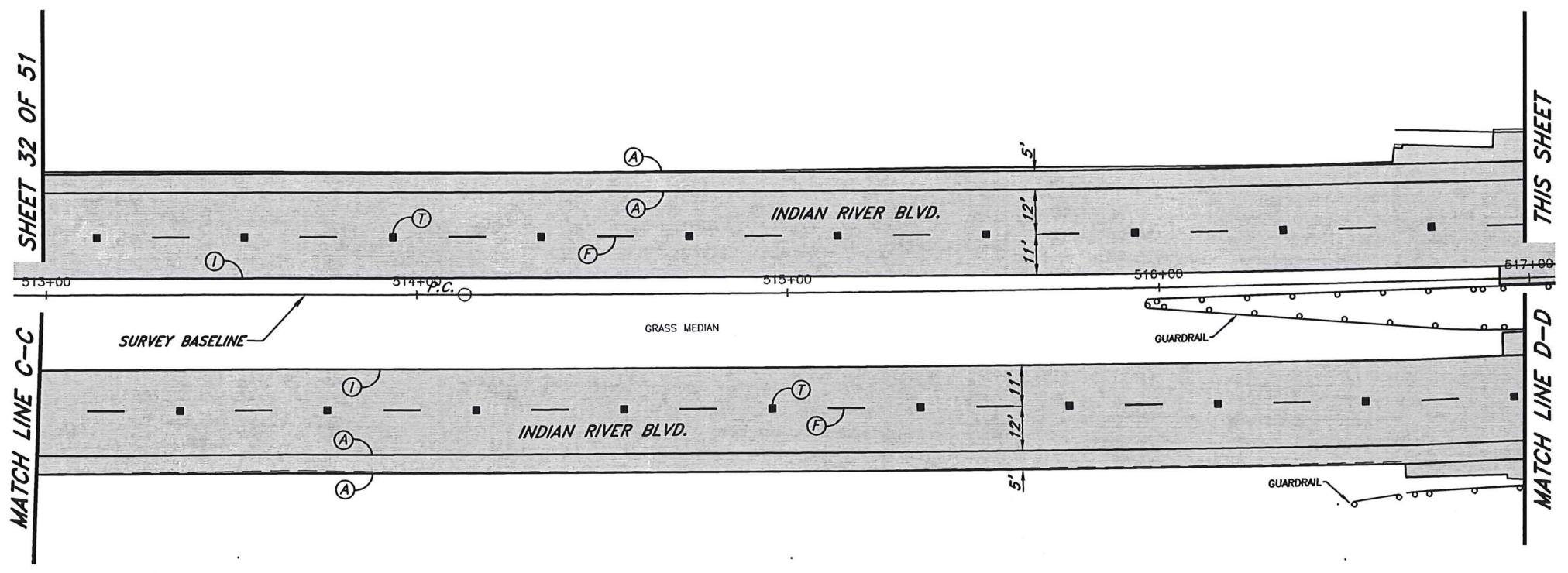
PRODUCTION PHASE COMMENTS

1"=40'



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000		Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25.26.36	DATE: 3/4/2021
▲	PRODUCTION PHASE COMMENTS	8/17/2021	KPH				DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.
▲	PRODUCTION PHASE COMMENTS	8/5/2021	KPH				APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE

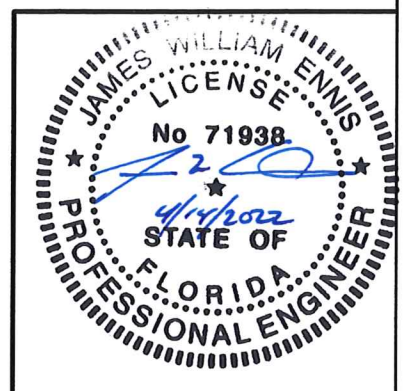
1"=40'



STRIPING KEY

- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP. (10'-30')
- G = 6" SKIP WHITE TYP. (6'-10')
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- K = 6" DOUBLE YELLOW
- L = 6" SKIP YELLOW TYP. (10'-30')
- M = 6" SKIP YELLOW TYP. (6'-10')
- N = 6" SKIP YELLOW TYP. (2'-4')
- P = RPM MONO-DIRECTIONAL WHITE/CLEAR
- Q = RPM BI-DIRECTIONAL AMBER/AMBER
- R = 6" DOUBLE YELLOW (6'-10')
- T = RPM BI-DIRECTIONAL WHITE/RED

1"=40'



END THIS PROJECT AT
STA. 519+52.42 AND
MATCH EXIST. PAVEMENT
OF PROJECT IRC-1910
STA. 205+40.00

PROJECT IRC-1910
BY OTHERS

EXCEPTION
NO ROAD CONSTRUCTION ACTIVITY
WITH THIS PROJECT BETWEEN THE
STATIONS AS NOTED

No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E.	SECTION 23,25,26,36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 33 OF 51
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH	Department of Public Works Engineering Division	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH		APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. PAGE	IRC-1707	

1"=40'



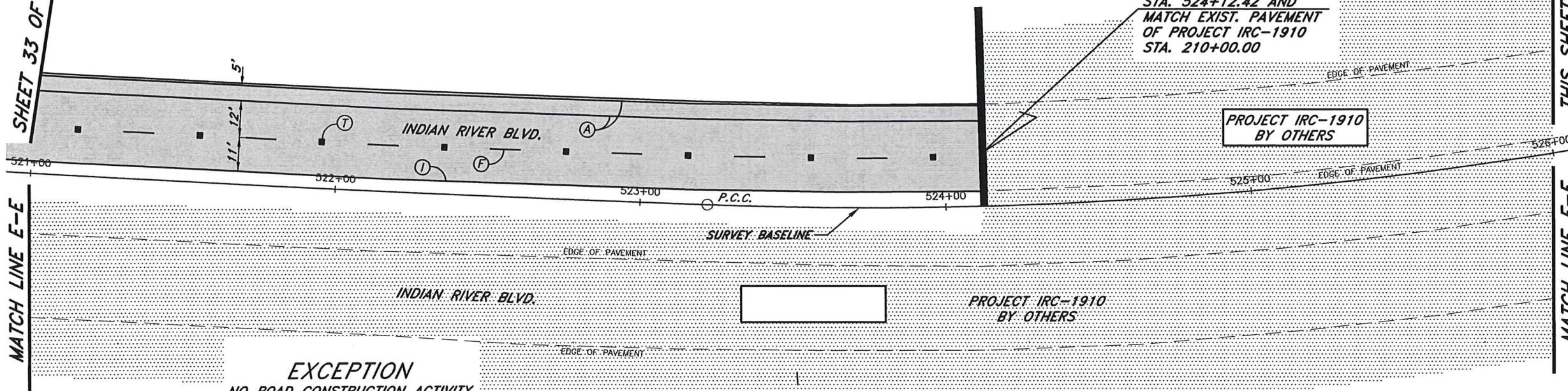
SHEET 33 OF 51

MATCH LINE E-E

THIS SHEET

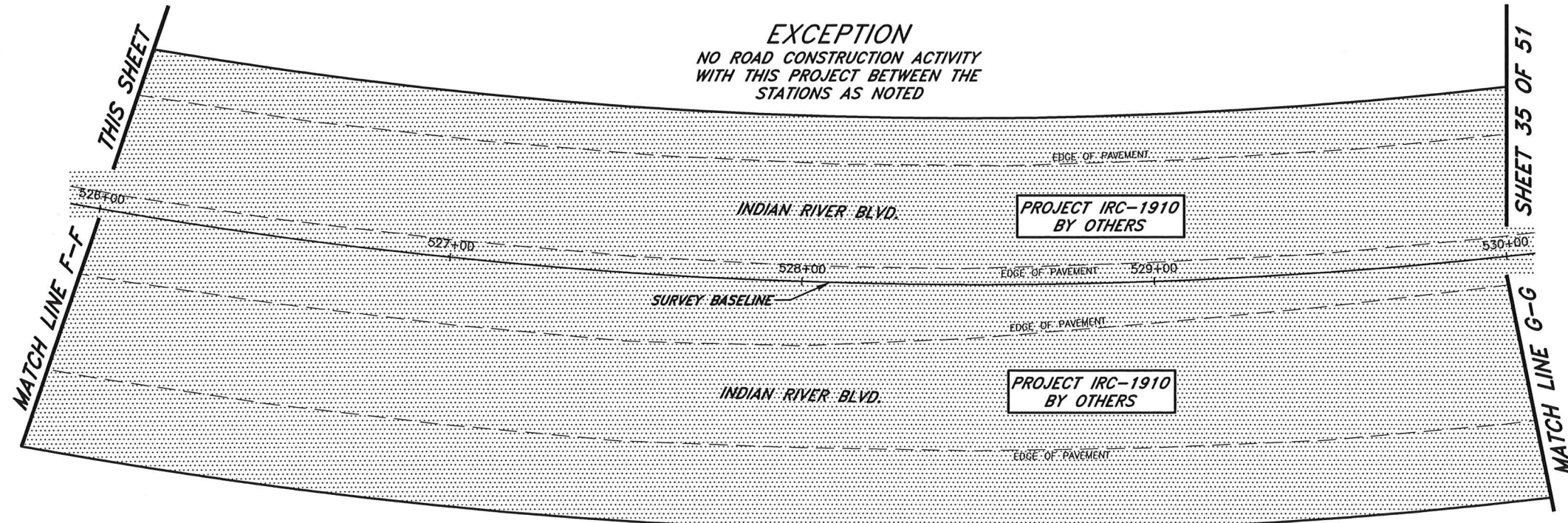
MATCH LINE F-F

END THIS PROJECT AT STA. 524+12.42 AND MATCH EXIST. PAVEMENT OF PROJECT IRC-1910 STA. 210+00.00



EXCEPTION
NO ROAD CONSTRUCTION ACTIVITY WITH THIS PROJECT BETWEEN THE STATIONS AS NOTED

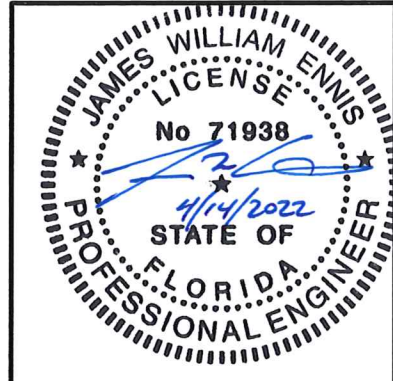
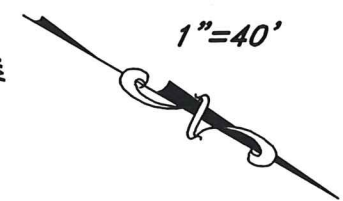
EXCEPTION
NO ROAD CONSTRUCTION ACTIVITY WITH THIS PROJECT BETWEEN THE STATIONS AS NOTED



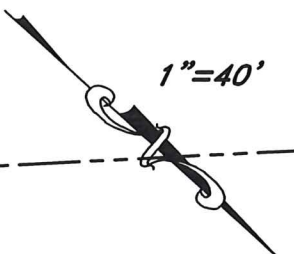
STRIPING KEY

- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP. (10'-30')
- G = 6" SKIP WHITE TYP. (6'-10')
- H = 6" SKIP WHITE TYP. (2'-4')
- I = 6" SOLID YELLOW
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- K = 6" DOUBLE YELLOW
- L = 6" SKIP YELLOW TYP. (10'-30')
- M = 6" SKIP YELLOW TYP. (6'-10')
- N = 6" SKIP YELLOW TYP. (2'-4')
- P = RPM MONO-DIRECTIONAL WHITE/CLEAR
- Q = RPM BI-DIRECTIONAL AMBER/AMBER
- R = 6" DOUBLE YELLOW (6'-10')
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1"=40'



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000		Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 34 OF 51
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH				DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO. IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH				APPROVED BY: J. ENNIS, P.E.	RANGE 39E	FIELD BOOK NO. -		



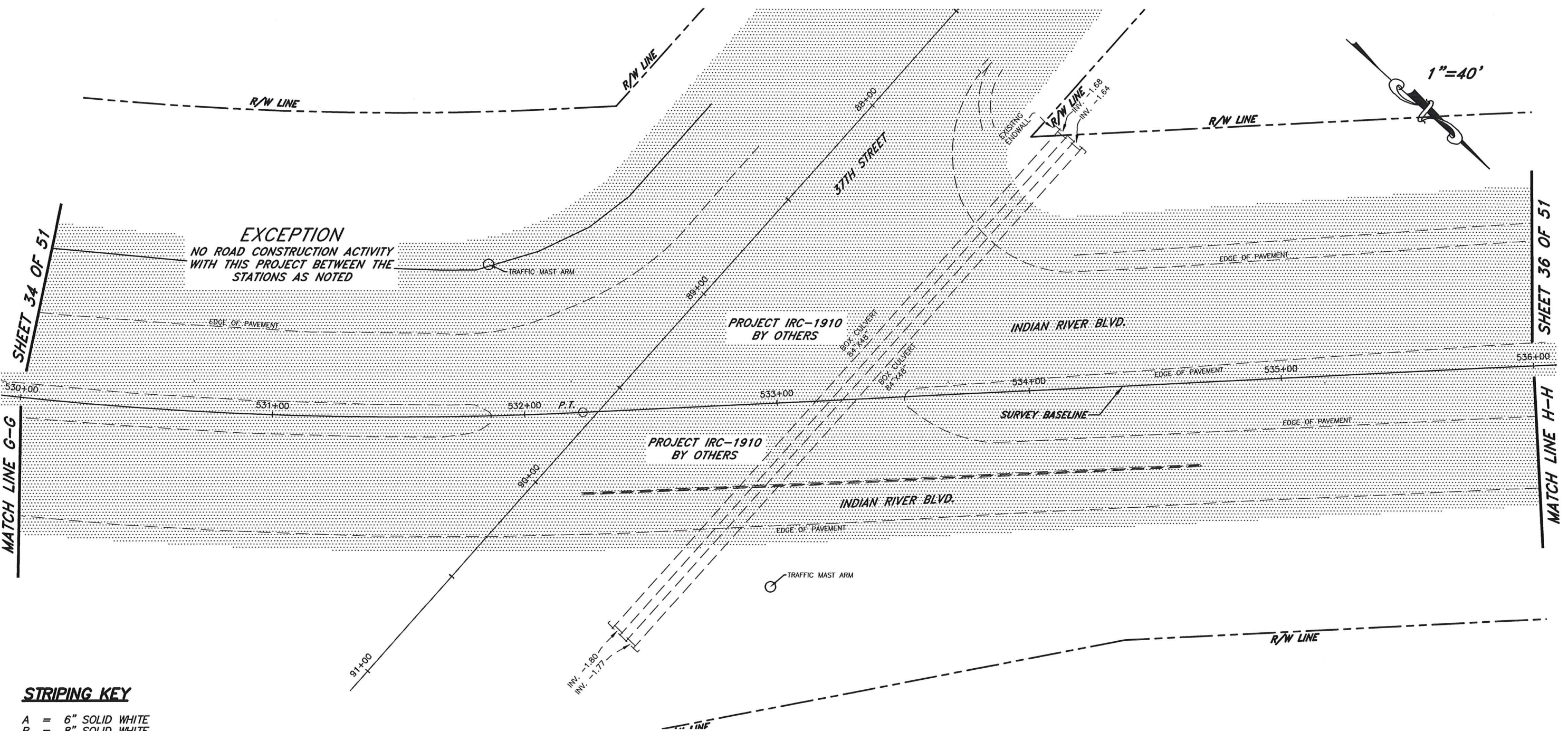
SHEET 34 OF 51

SHEET 36 OF 51

MATCH LINE G-G

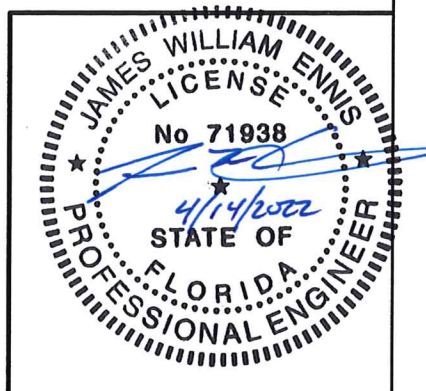
MATCH LINE H-H

EXCEPTION
NO ROAD CONSTRUCTION ACTIVITY
WITH THIS PROJECT BETWEEN THE
STATIONS AS NOTED



STRIPING KEY

- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP. (10'-30')
- G = 6" SKIP WHITE TYP. (6'-10')
- H = 6" SKIP WHITE TYP. (2'-4')
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- T = RPM BI-DIRECTIONAL WHITE/RED



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E. DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. - PAGE -	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 35 OF 51
PRODUCTION PHASE COMMENTS 8/5/2021 KPH										

EXCEPTION
NO ROAD CONSTRUCTION ACTIVITY
WITH THIS PROJECT BETWEEN THE
STATIONS AS NOTED

BEGIN THIS PROJECT AT
STA. 539+48.33 AND
MATCH EXIST. PAVEMENT
OF PROJECT IRC-1910
STA. 225+36.87

PROJECT IRC-1910
BY OTHERS

PROJECT IRC-1910
BY OTHERS

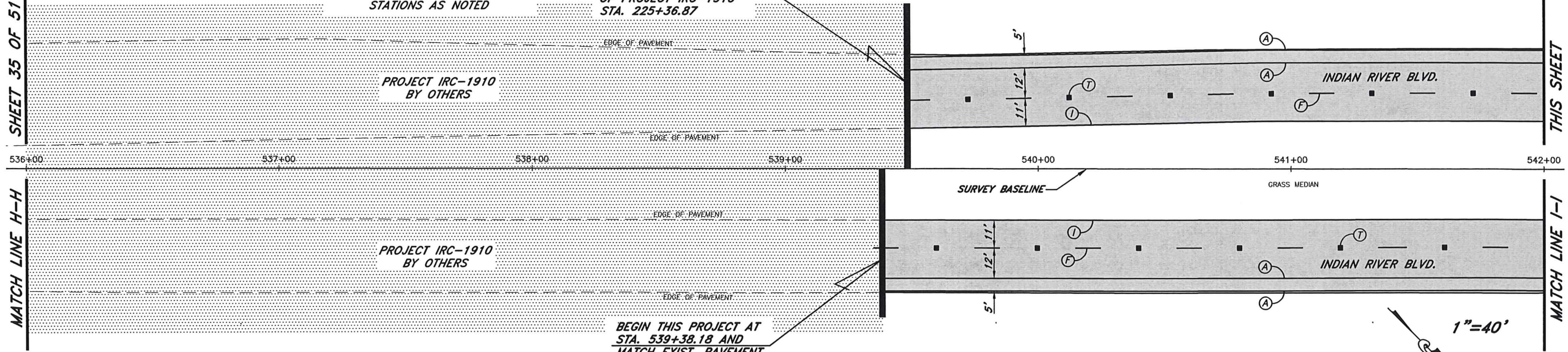
BEGIN THIS PROJECT AT
STA. 539+38.18 AND
MATCH EXIST. PAVEMENT
OF PROJECT IRC-1910
STA. 225+26.72

SHEET 35 OF 51

MATCH LINE H-H

THIS SHEET

MATCH LINE I-I

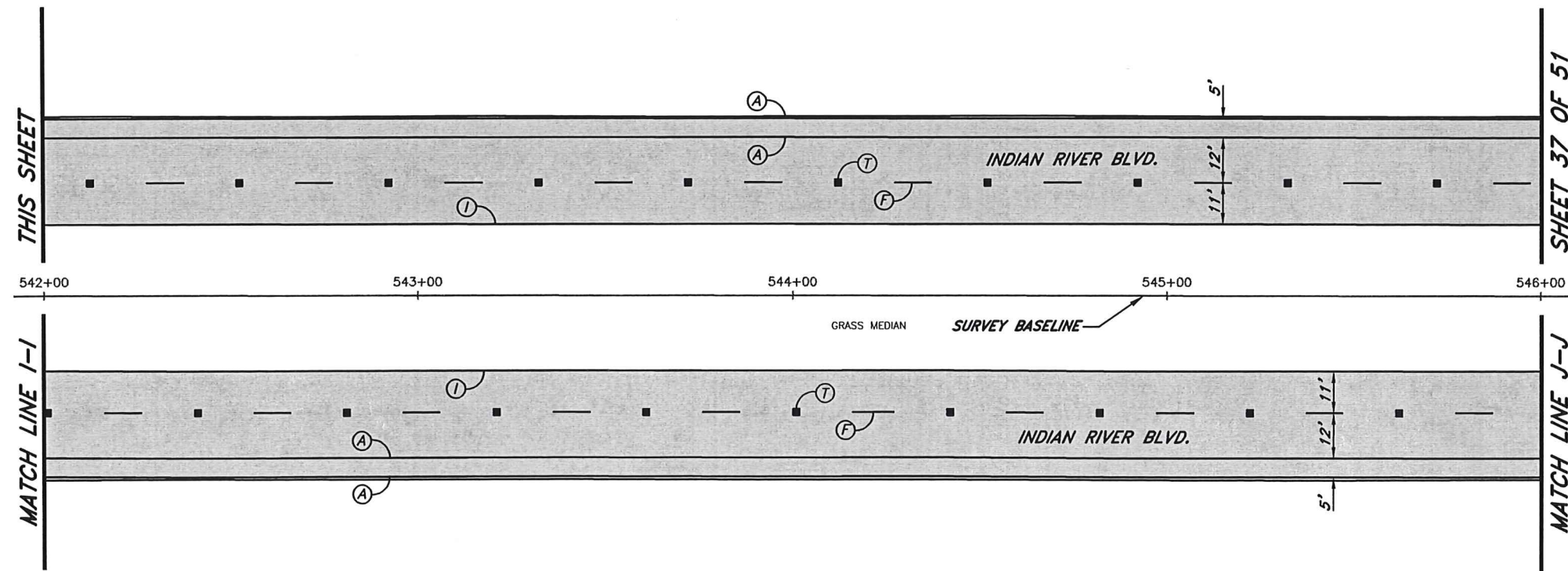


1"=40'

STRIPING KEY

- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
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- R = 6" DOUBLE YELLOW (6'-10')
- T = RPM BI-DIRECTIONAL WHITE/RED

1"=40'

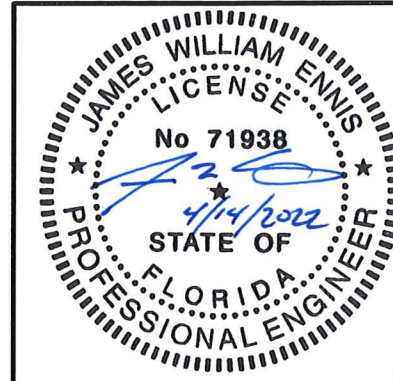


THIS SHEET

MATCH LINE I-I

SHEET 37 OF 51

MATCH LINE J-J



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25, 26, 36 TOWNSHIP 32S RANGE 39E	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 36 OF 51
1	PRODUCTION PHASE COMMENTS	8/5/2021	KPH		DRAWN BY: K. P. HANSEN	FIELD BOOK NO. - PAGE -	COUNTY PROJECT NO. IRC-1707		
				Department of Public Works Engineering Division	APPROVED BY: J. ENNIS, P.E.				

SHEET 36 OF 51

MATCH LINE J-J

THIS SHEET

MATCH LINE K-K

No.

	Revision	Date	By

	Date	By

INDIAN RIVER COUNTY
 1801 27th STREET
 VERO BEACH, FL 32960
 (772) 567-8000



Department of Public Works
 Engineering Division

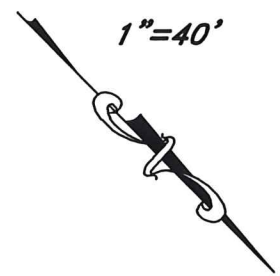
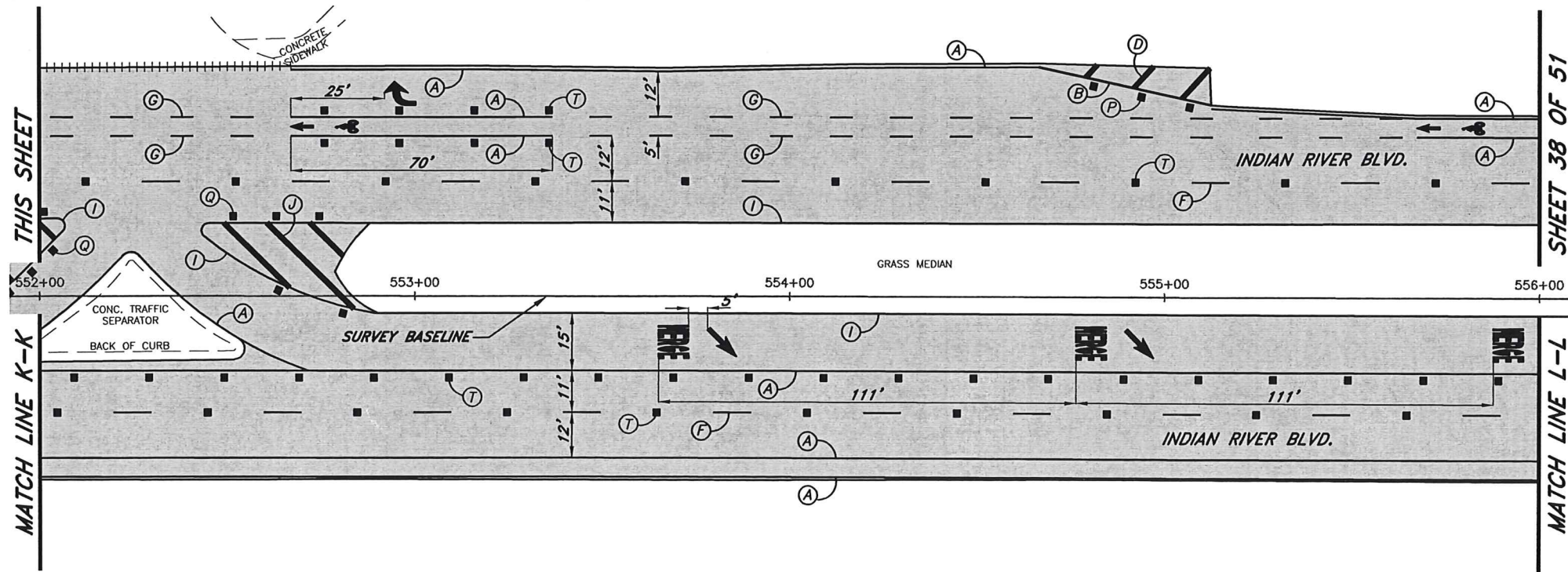
DESIGNED BY:
 J. ENNIS, P.E.
 DRAWN BY:
 K. P. HANSEN
 APPROVED BY:
 J. ENNIS, P.E.

SECTION 23.25.26.36
 TOWNSHIP 32S
 RANGE 39E
 FIELD BOOK NO. -
 PAGE -

DATE: 3/4/2021
 COUNTY PROJECT NO.
 IRC-1707

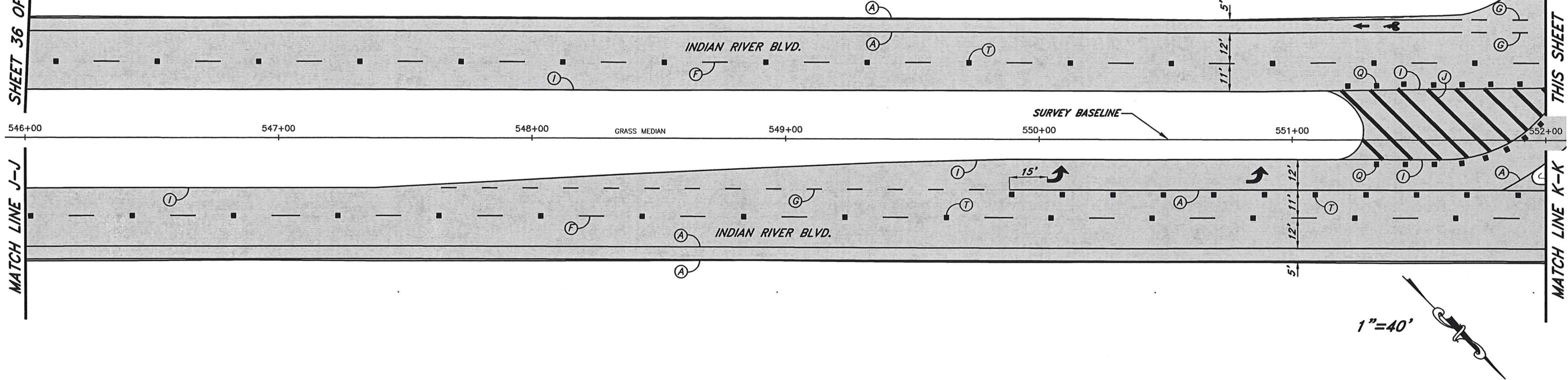
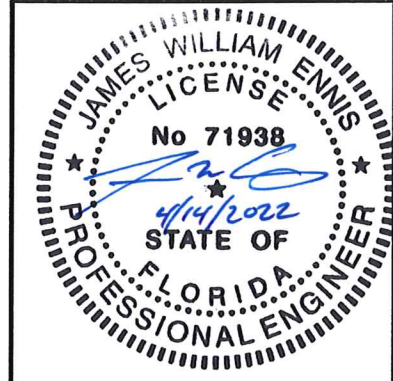
INDIAN RIVER BLVD. RESURFACING
 PAVEMENT MARKINGS

SHEET 37 OF 51



STRIPING KEY

- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
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- F = 6" SKIP WHITE TYP. (10'-30')
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- Q = RPM BI-DIRECTIONAL AMBER/AMBER
- R = 6" DOUBLE YELLOW (6'-10')
- T = RPM BI-DIRECTIONAL WHITE/RED

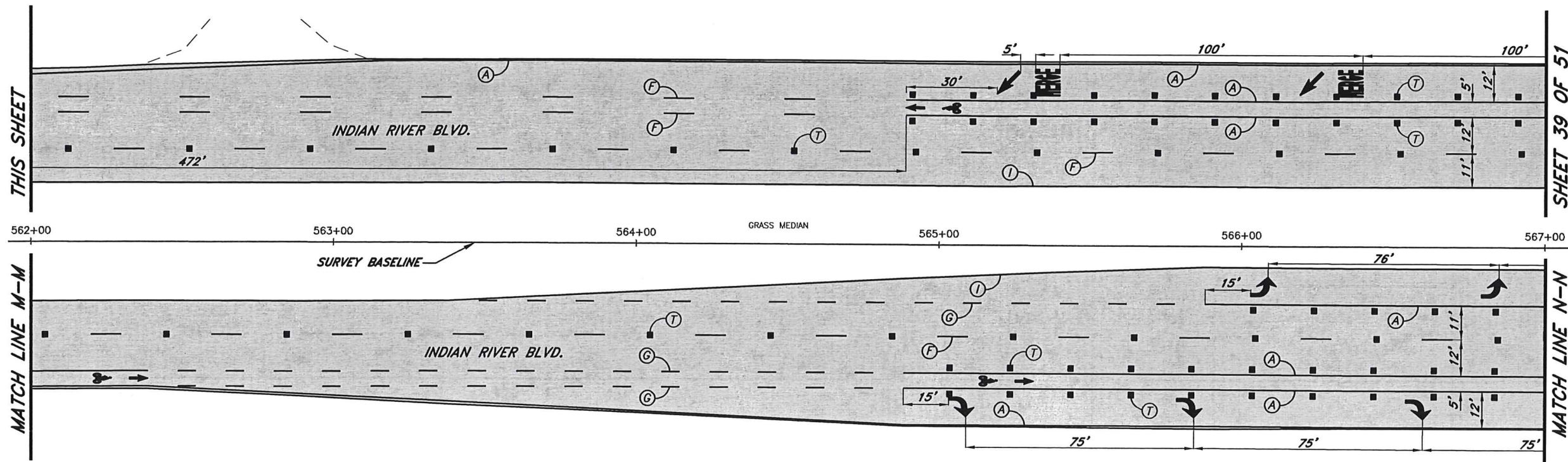
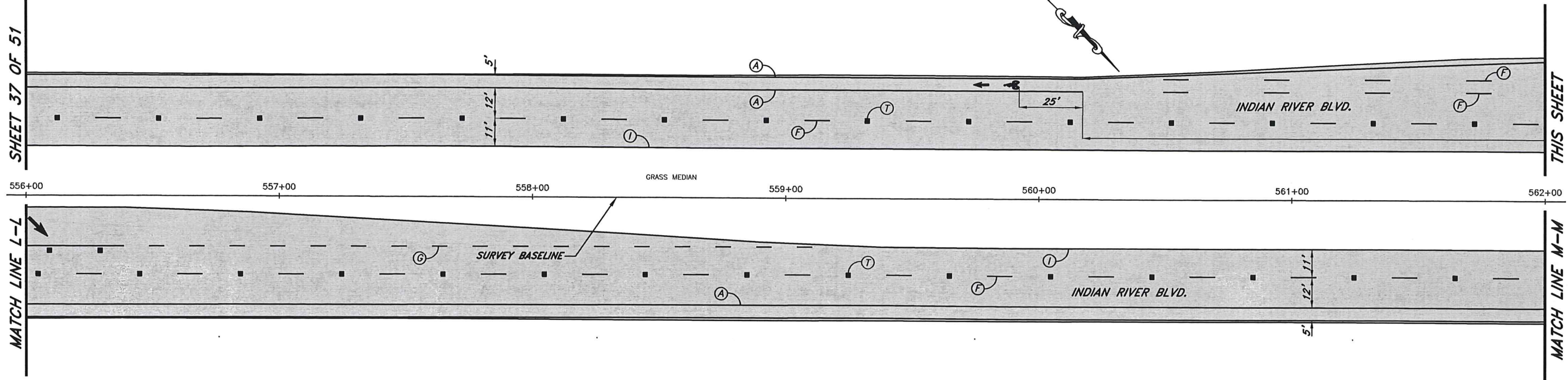


SHEET 37 OF 51

MATCH LINE L-L

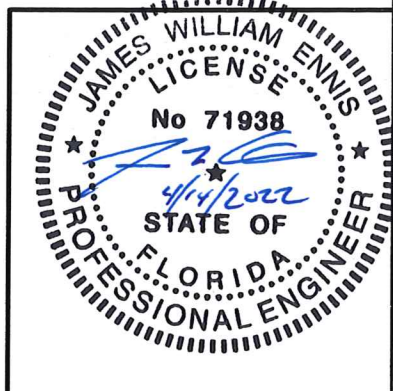
THIS SHEET


MATCH LINE M-M



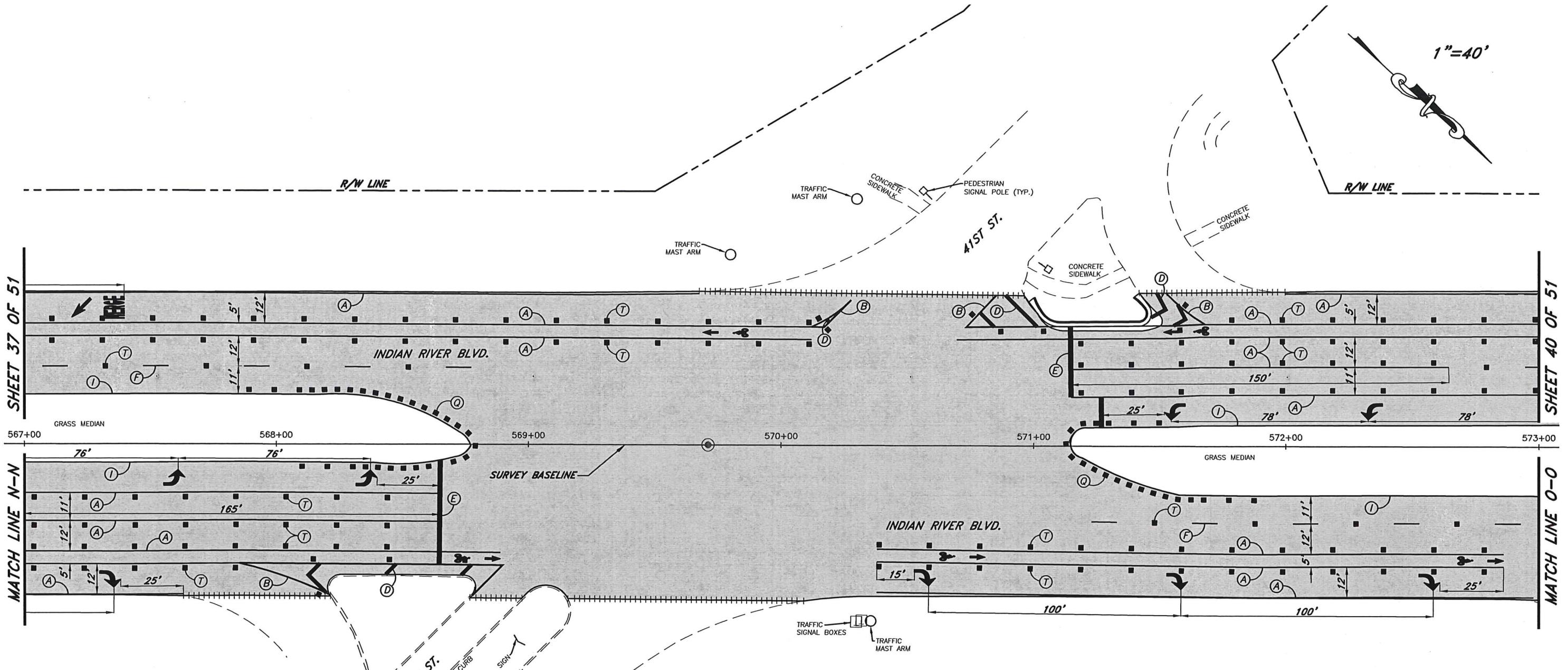
STRIPING KEY

- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP. (10'-30')
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- Q = RPM BI-DIRECTIONAL AMBER/AMBER
- R = 6" DOUBLE YELLOW (6'-10')
- T = RPM BI-DIRECTIONAL WHITE/RED



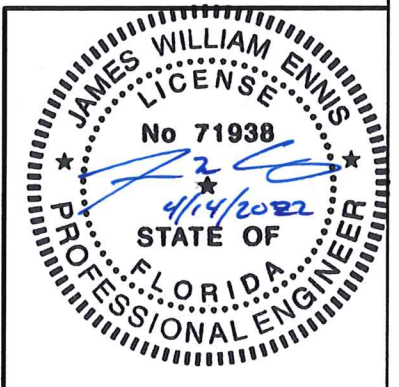
No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 25, 25.26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 38 OF 51
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH			DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	TOWNSHIP 32S	COUNTY PROJECT NO. IRC-1707		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH				RANGE 39E			


1"=40'

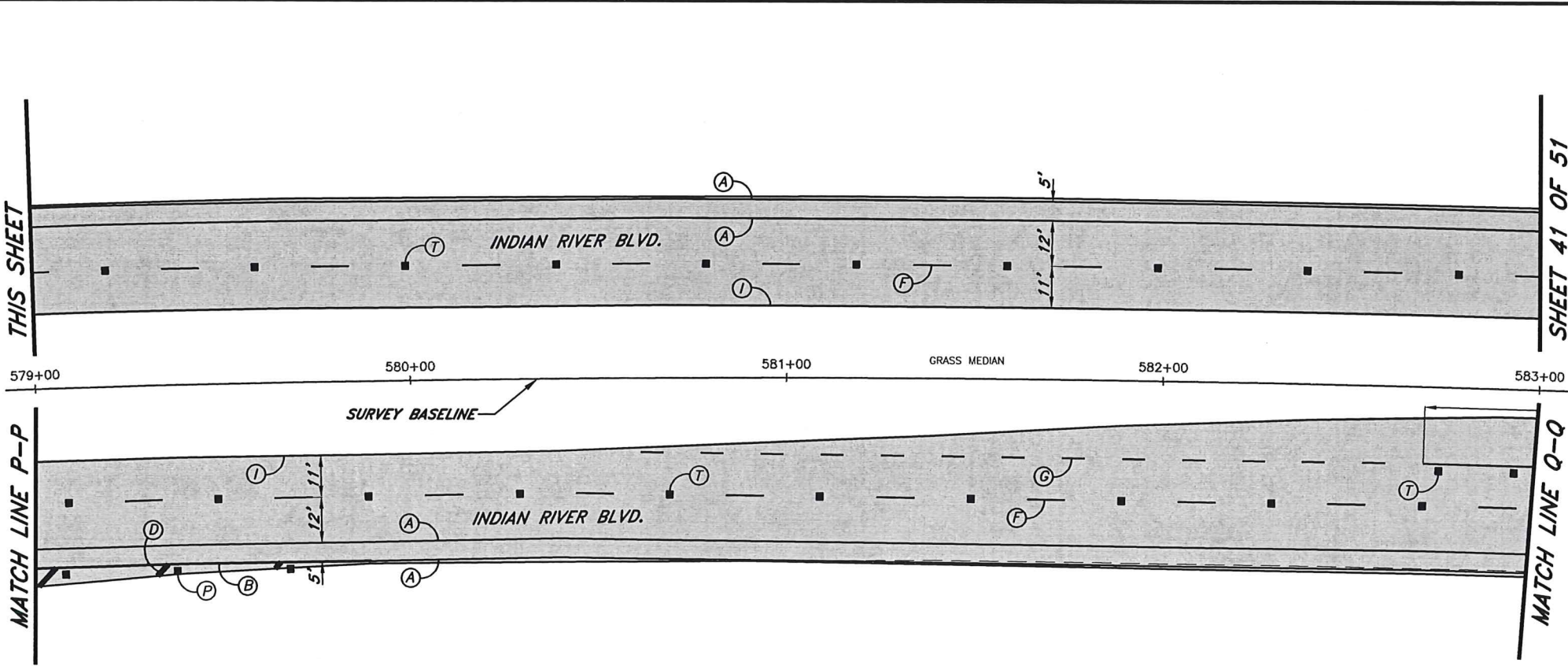
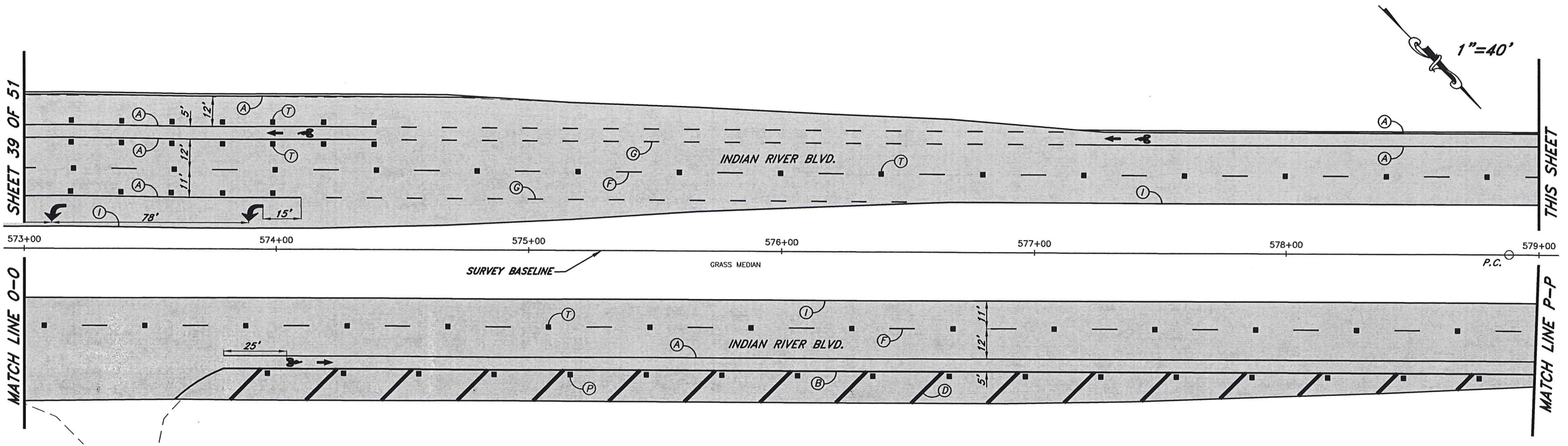


STRIPING KEY

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- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP. (10'-30')
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- T = RPM BI-DIRECTIONAL WHITE/RED

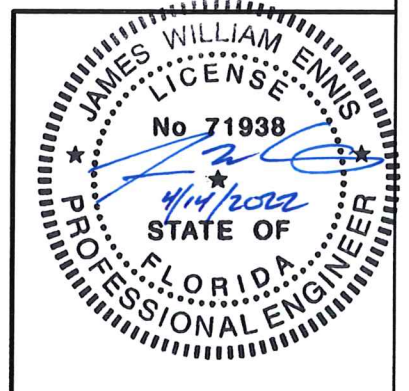



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E. DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	SECTION 23.25.26.36 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. - PAGE -	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 39 OF 51
PRODUCTION PHASE COMMENTS				8/5/2021	KPH					

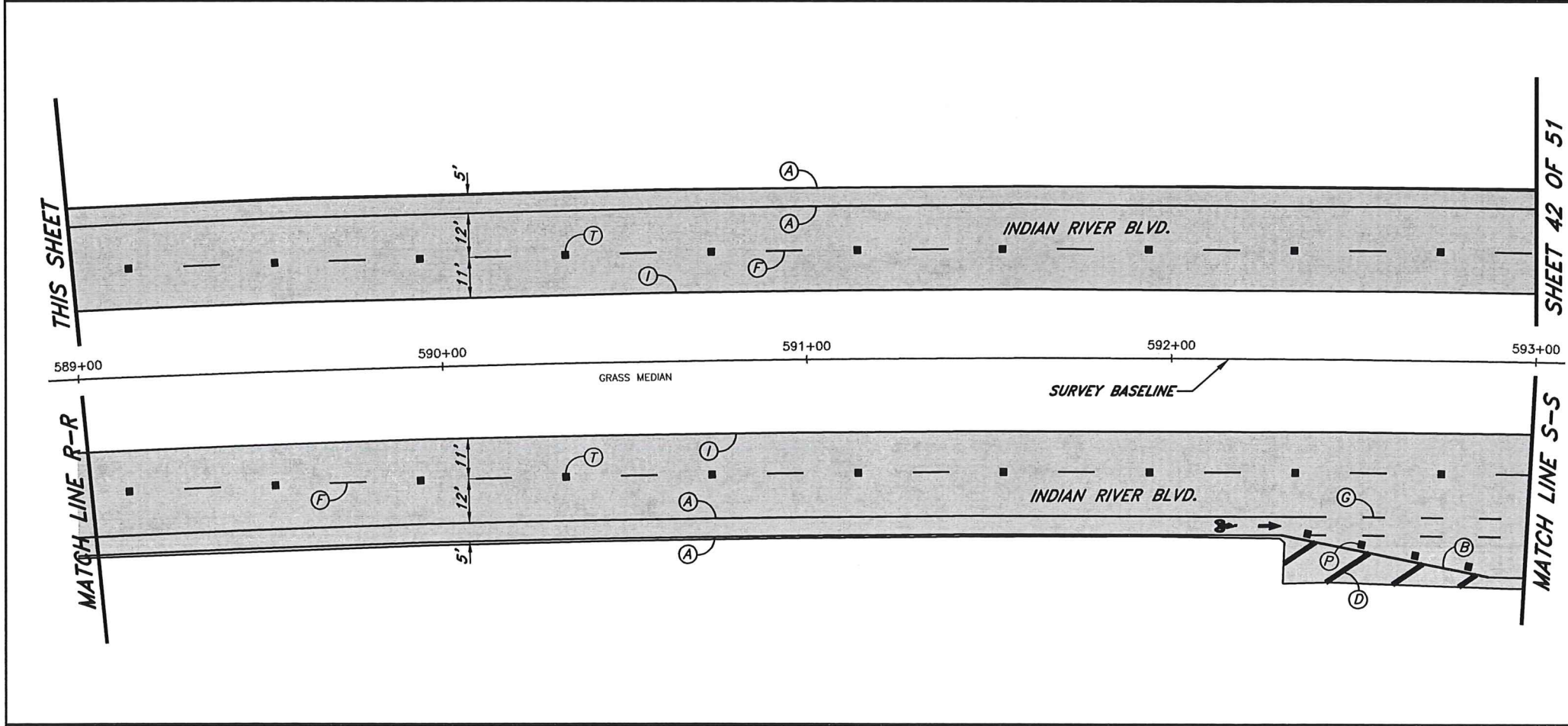
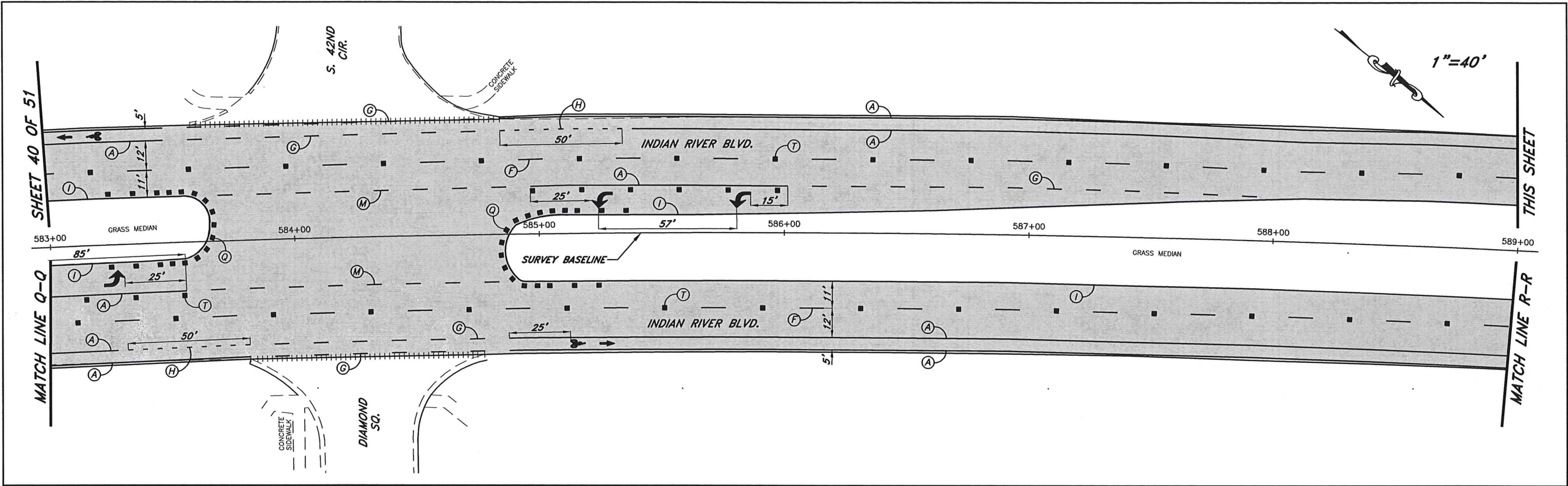


STRIPING KEY

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

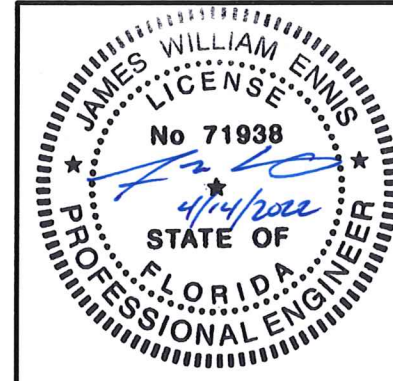


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 25.25.26.36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 40 OF 51
	PRODUCTION PHASE COMMENTS					8/5/2021	KPH	DRAWN BY: K. P. HANSEN		

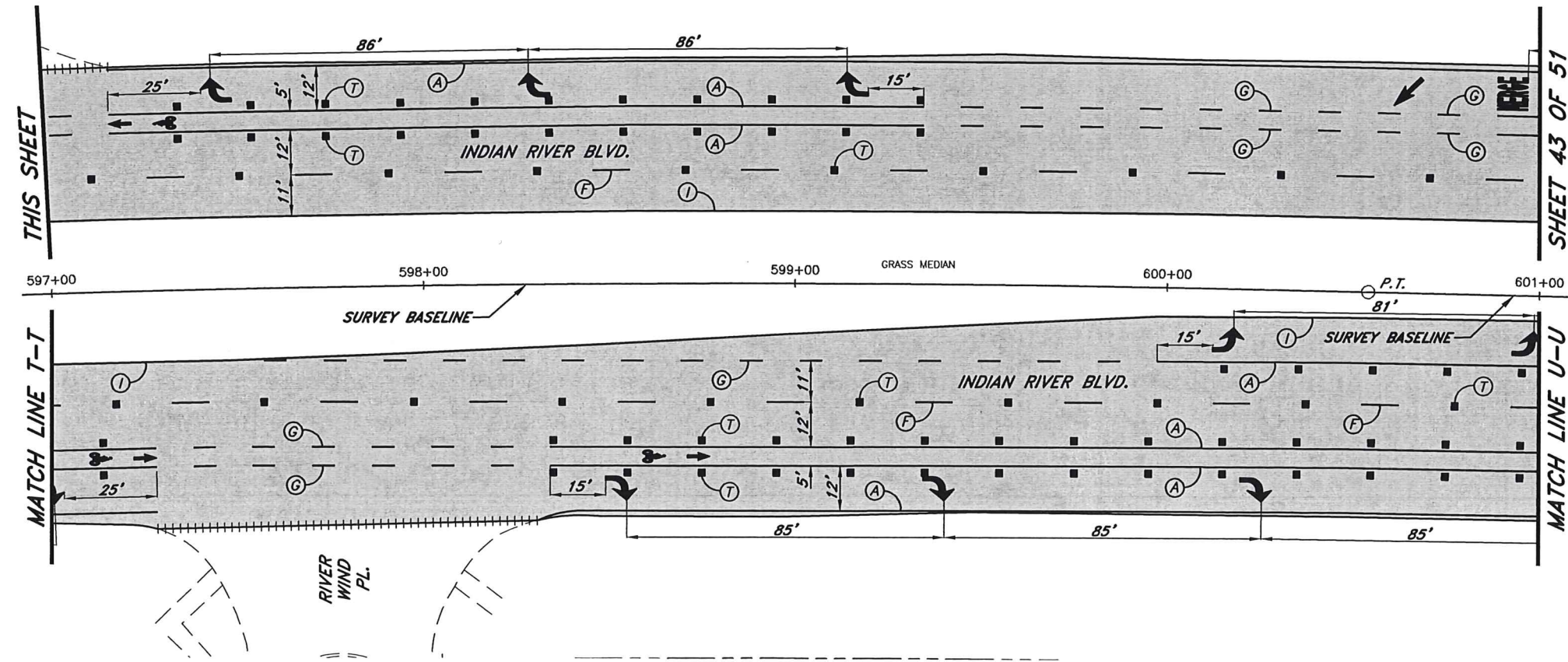
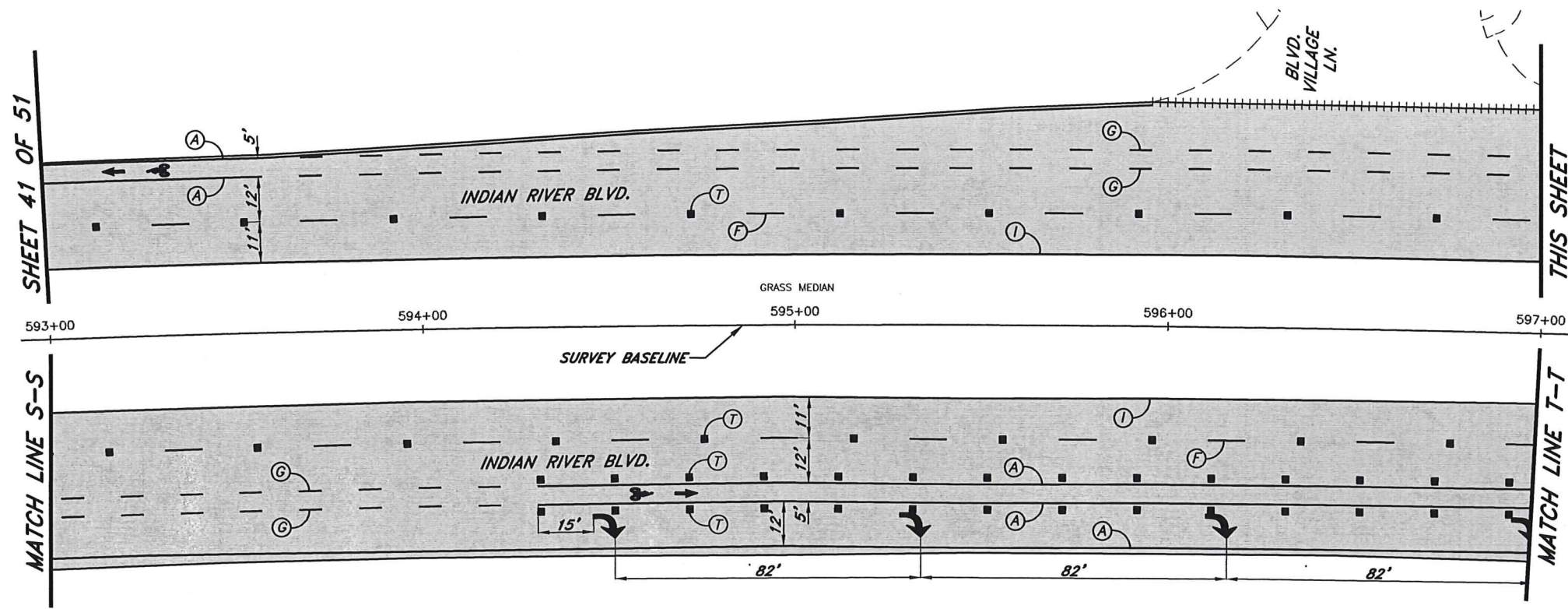


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- R = 6" DOUBLE YELLOW (6'-10')
- T = RPM BI-DIRECTIONAL WHITE/RED

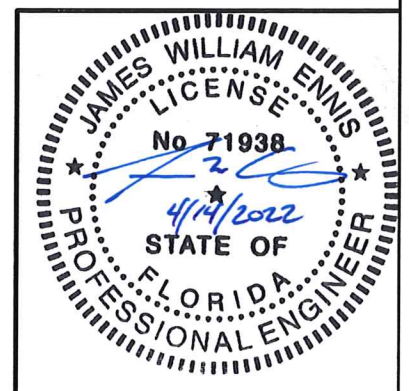


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	DESIGNED BY: J. ENNIS, P.E.	SECTION 25.25, 26, 36 TOWNSHIP 32S RANGE 39E	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 41 OF 51
▲	PRODUCTION PHASE COMMENTS	8/17/2021	KPH		DRAWN BY: K. P. HANSEN	FIELD BOOK NO. 39E	COUNTY PROJECT NO. IRC-1707		
▲	PRODUCTION PHASE COMMENTS	8/5/2021	KPH		APPROVED BY: J. ENNIS, P.E.				



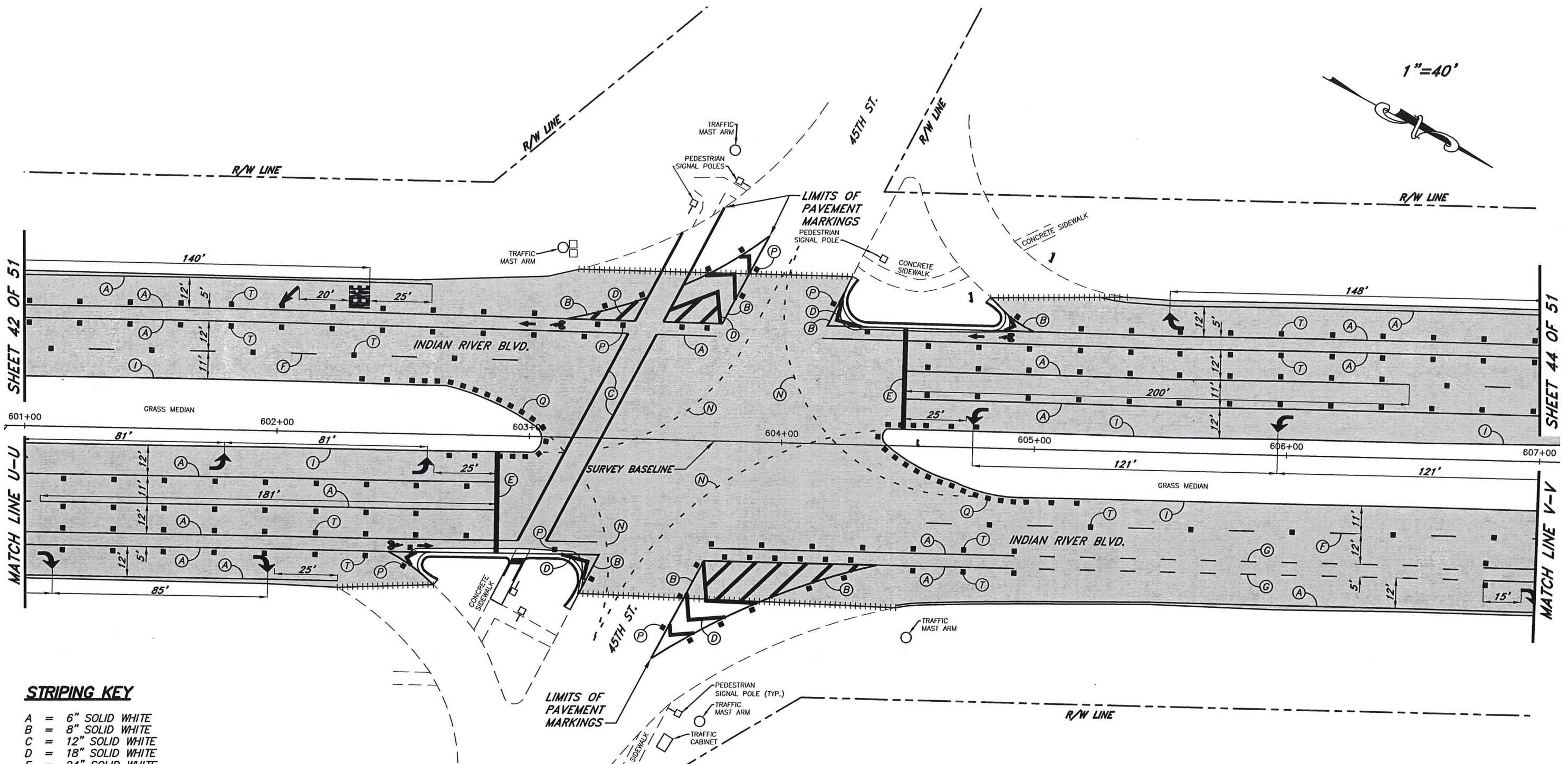
STRIPING KEY

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- T = RPM BI-DIRECTIONAL WHITE/RED



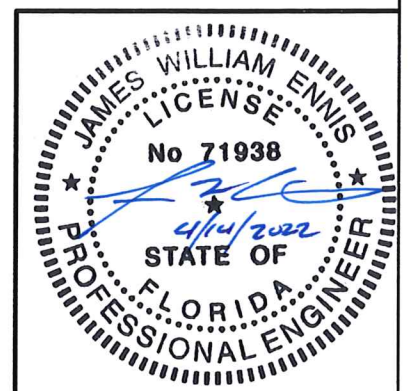
No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 42 OF 51
PRODUCTION PHASE COMMENTS				8/5/2021		KPH	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S RANGE 39E		


1"=40'

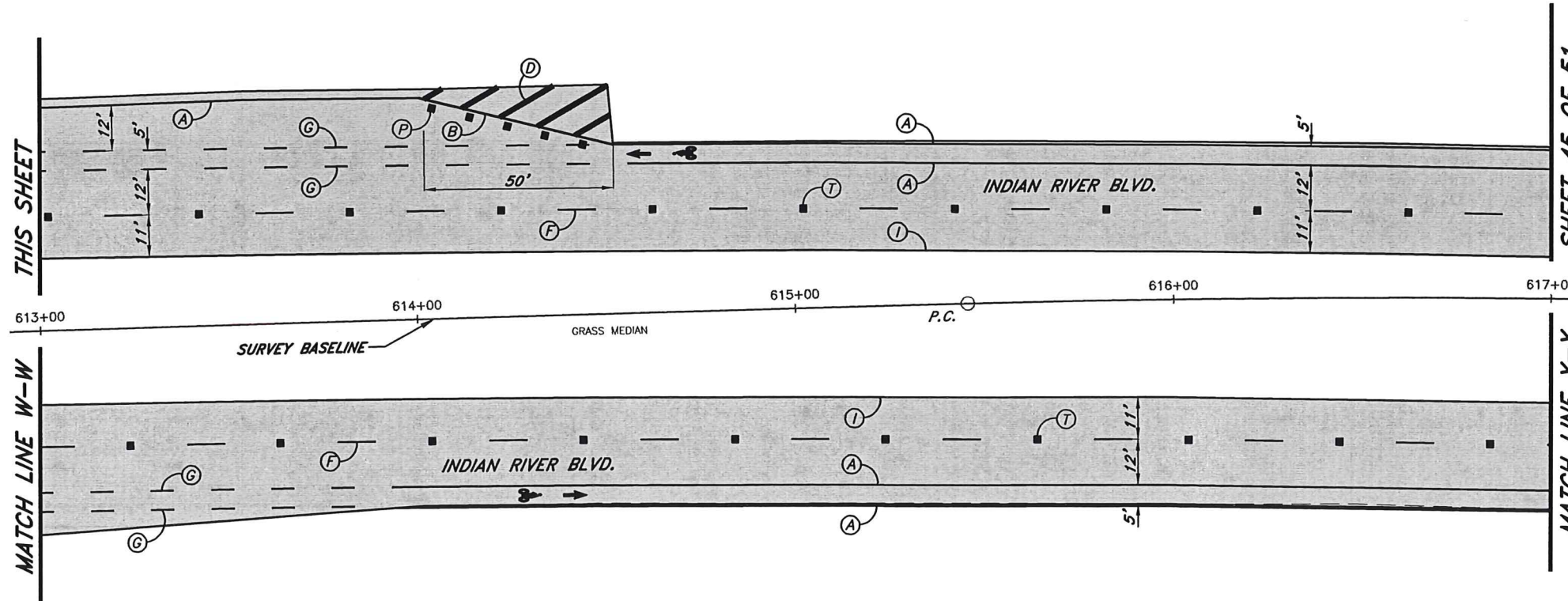
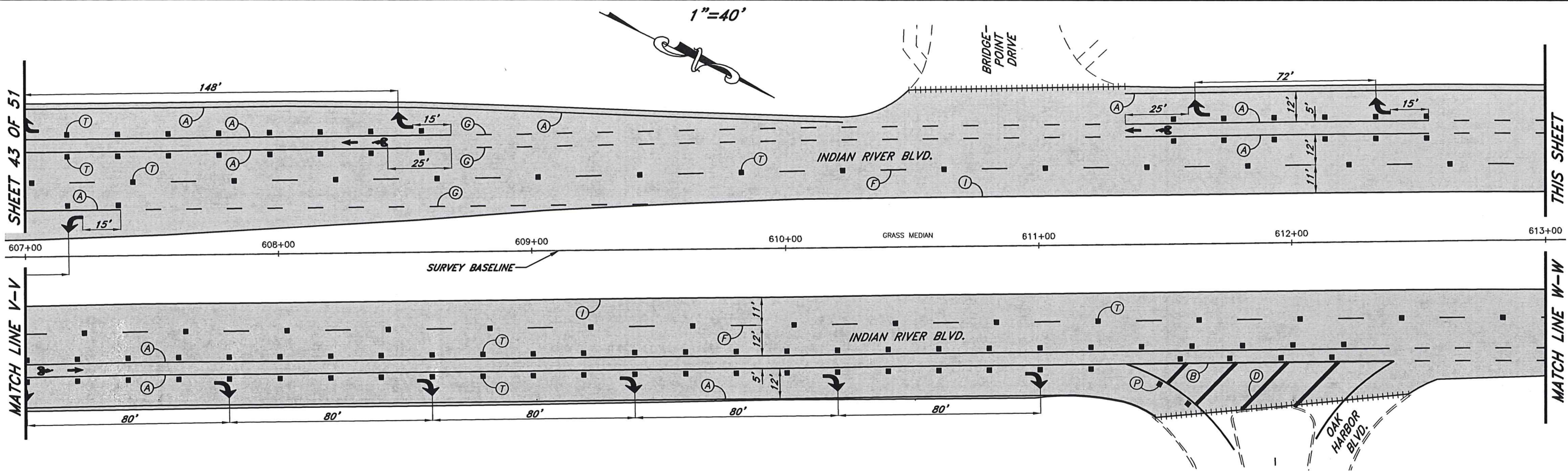


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- T = RPM BI-DIRECTIONAL WHITE/RED

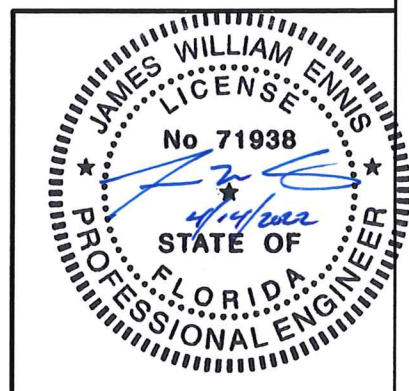



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 43 OF 51
PRODUCTION PHASE COMMENTS				8/5/2021		KPH	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S RANGE 39E		



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- A = 6" SOLID WHITE
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No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25.26.36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 44 OF 51
PRODUCTION PHASE COMMENTS				8/5/2021		KPH	DRAWN BY: K. P. HANSEN	TOWNSHIP 32S		
						APPROVED BY: J. ENNIS, P.E.	RANGE 39E			

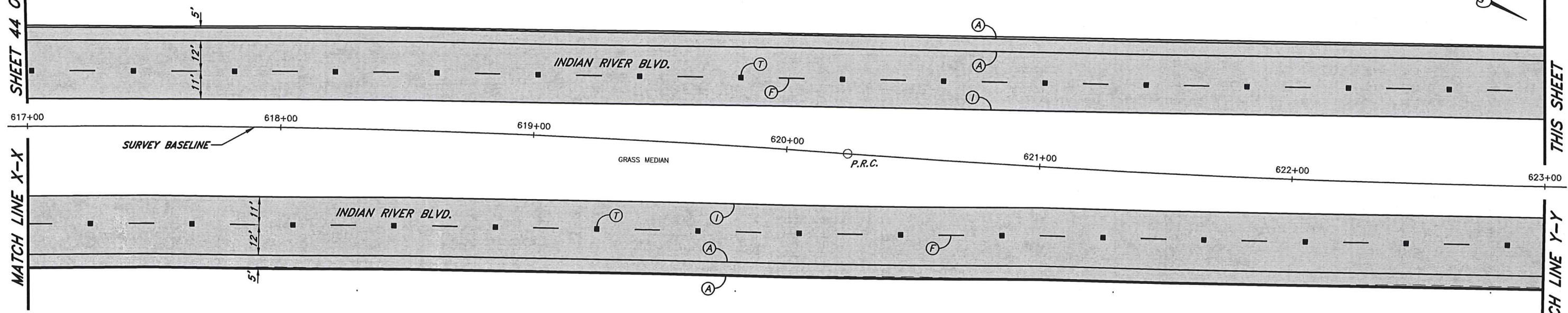
SHEET 44 OF 51

MATCH LINE X-X

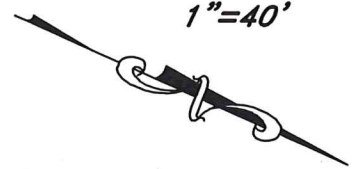
MATCH LINE Y-Y

THIS SHEET

MATCH LINE Y-Y



1"=40'

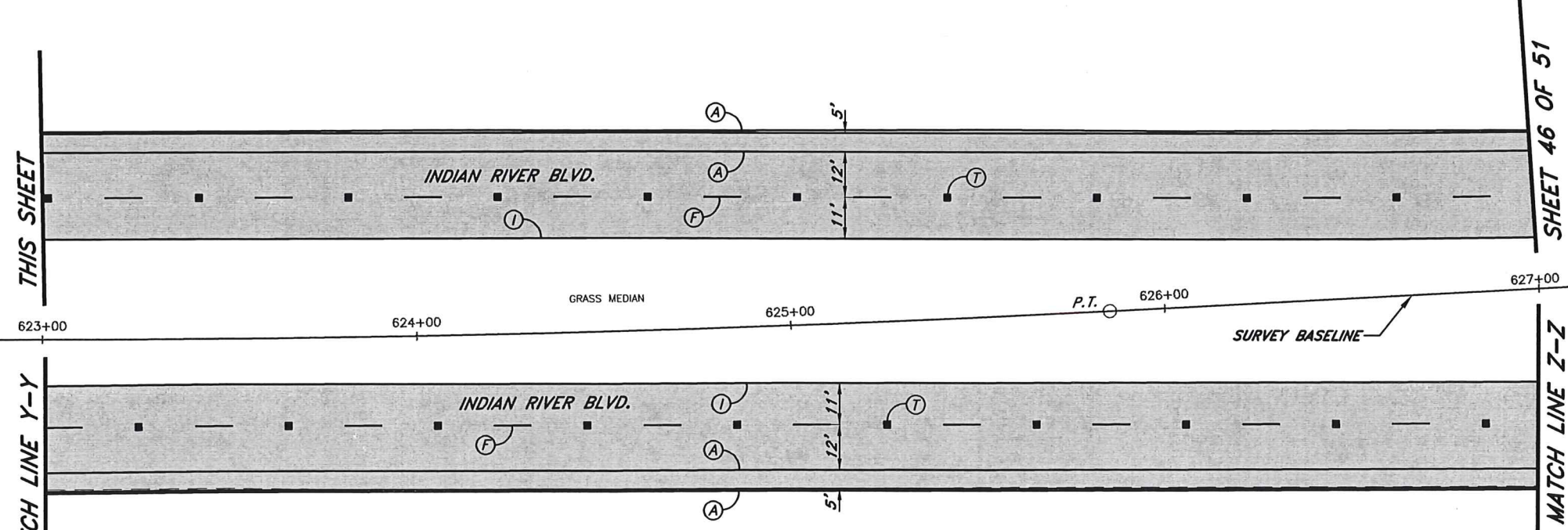


THIS SHEET

SHEET 46 OF 51

MATCH LINE Y-Y

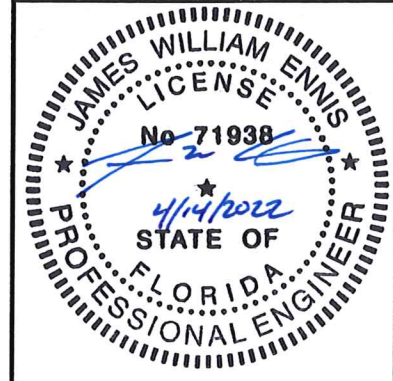
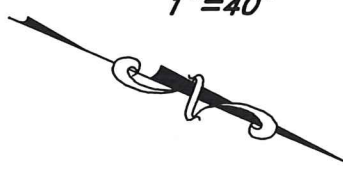
MATCH LINE Z-Z




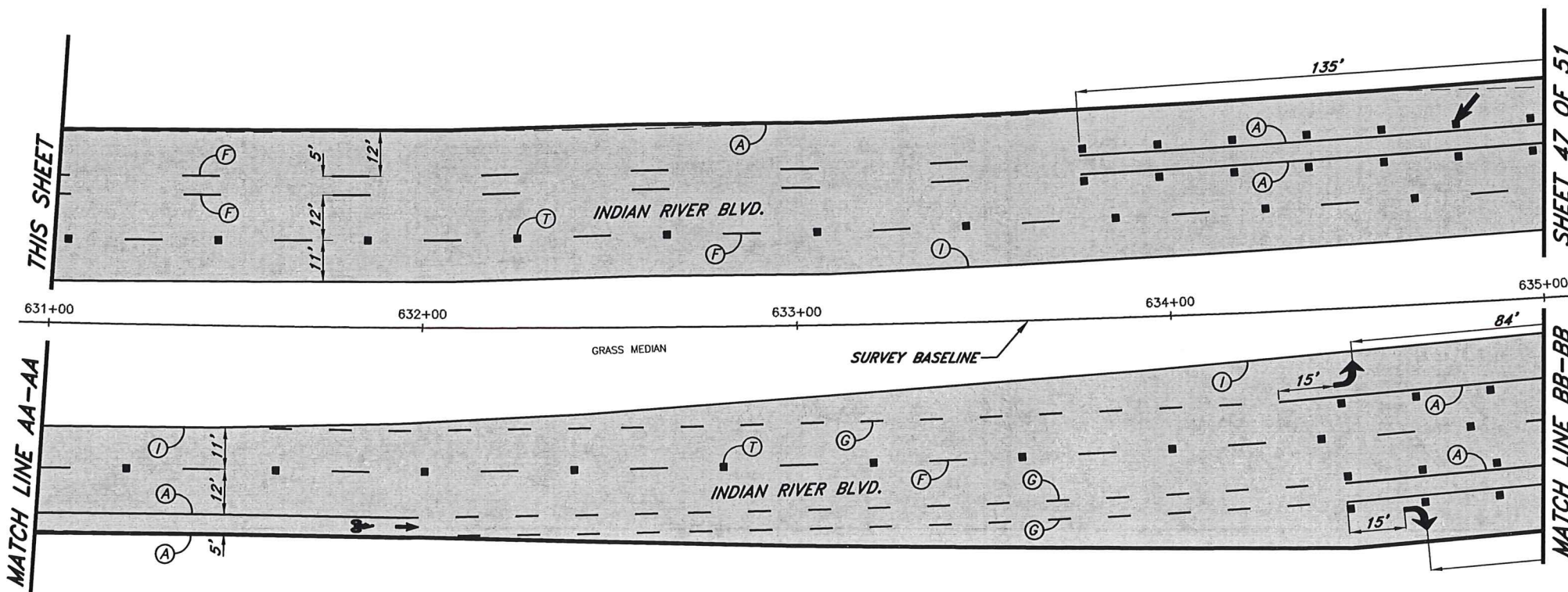
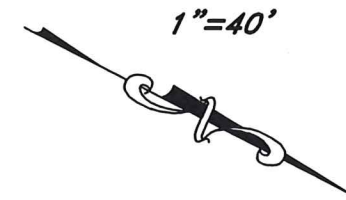
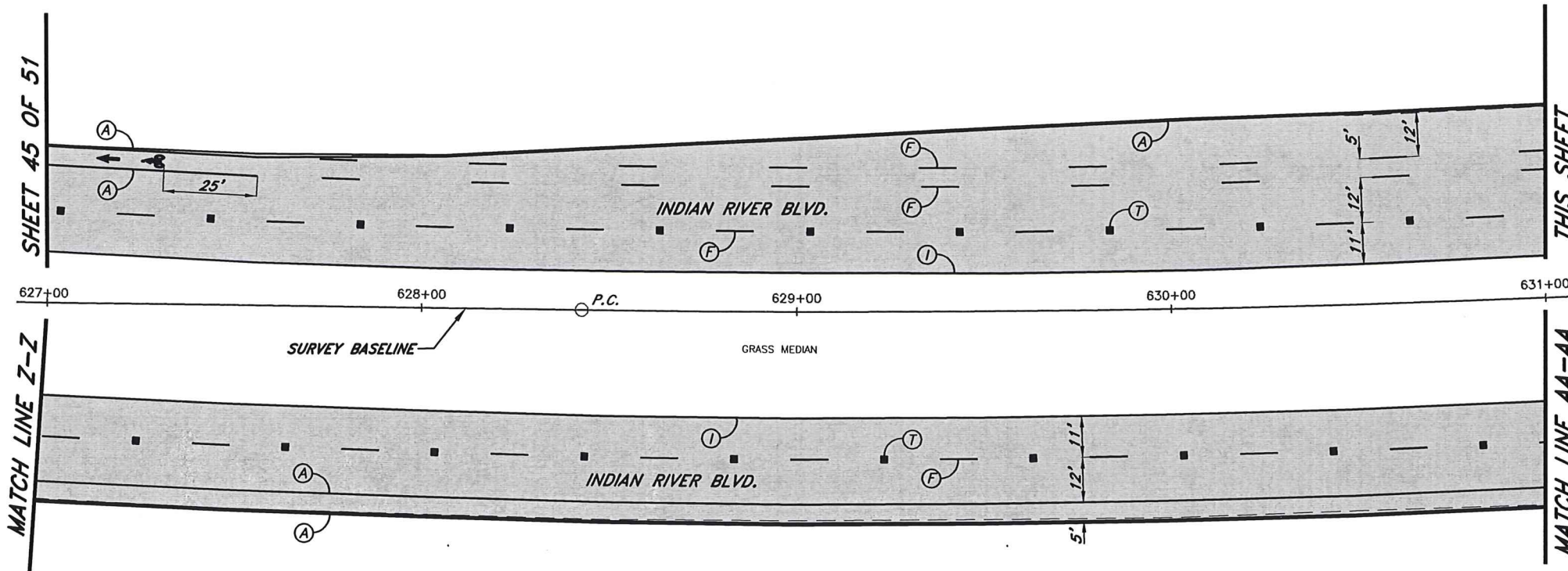
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- T = RPM BI-DIRECTIONAL WHITE/RED

1"=40'

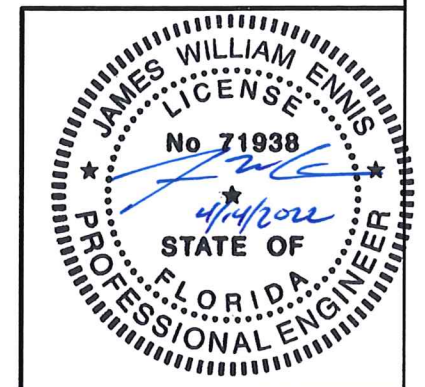
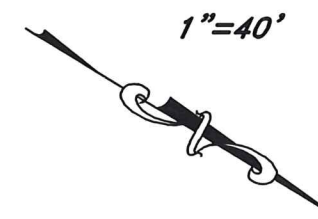



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 45 OF 51
PRODUCTION PHASE COMMENTS						8/5/2021	KPH	DRAWN BY: K. P. HANSEN		



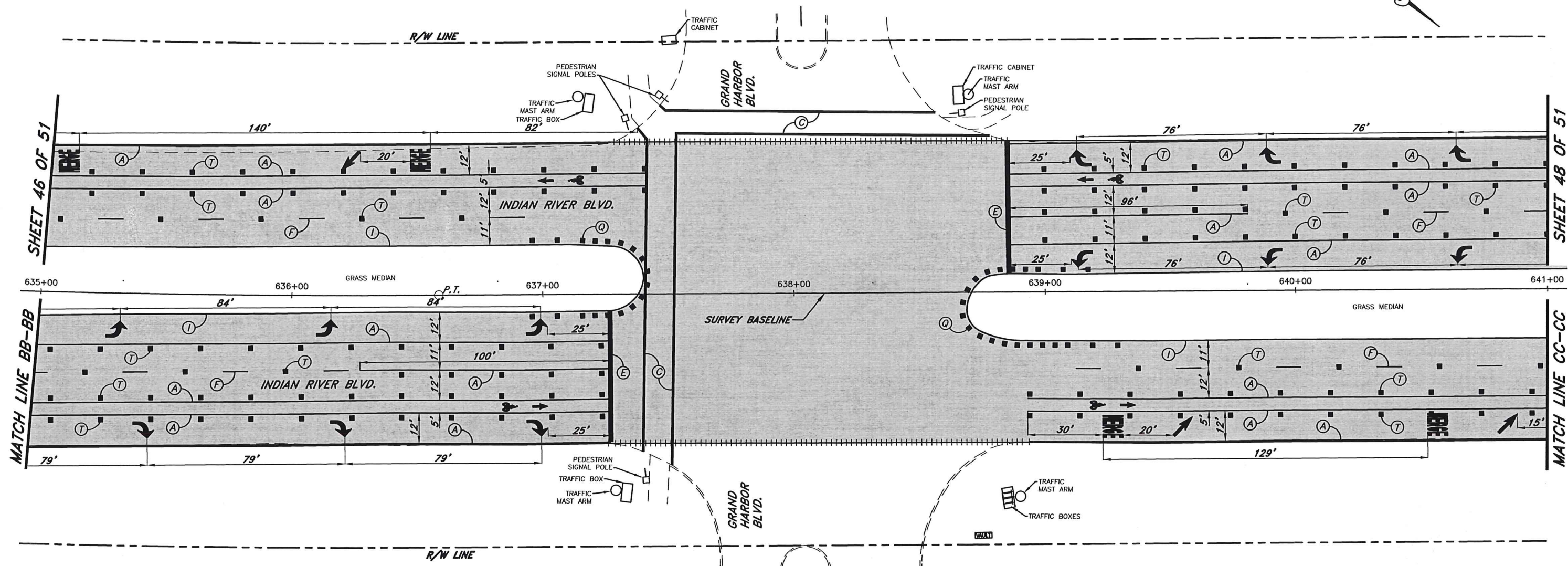
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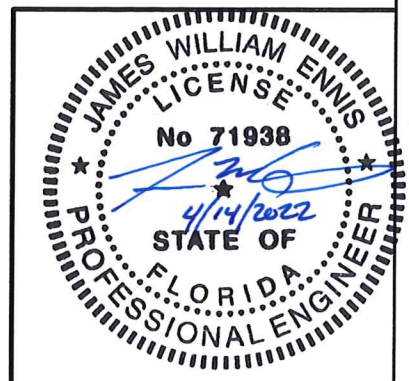
No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25.26.36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 46 OF 51
△	PRODUCTION PHASE COMMENTS	8/17/2021	KPH			DRAWN BY: K. P. HANSEN	TOWNSHIP 32S	COUNTY PROJECT NO.		
△	PRODUCTION PHASE COMMENTS	8/5/2021	KPH			APPROVED BY: J. ENNIS, P.E.	RANGE 39E FIELD BOOK NO. PAGE	IRC-1707		


1"=40'

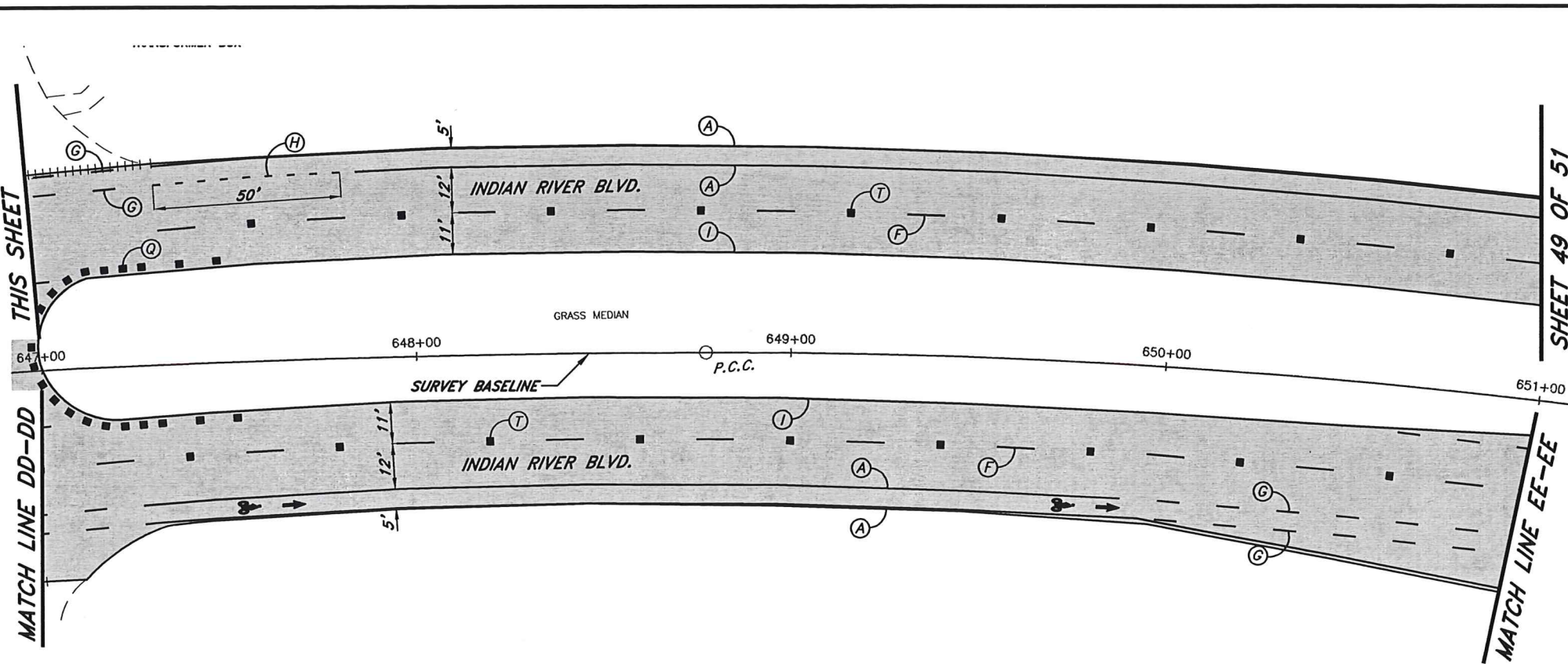
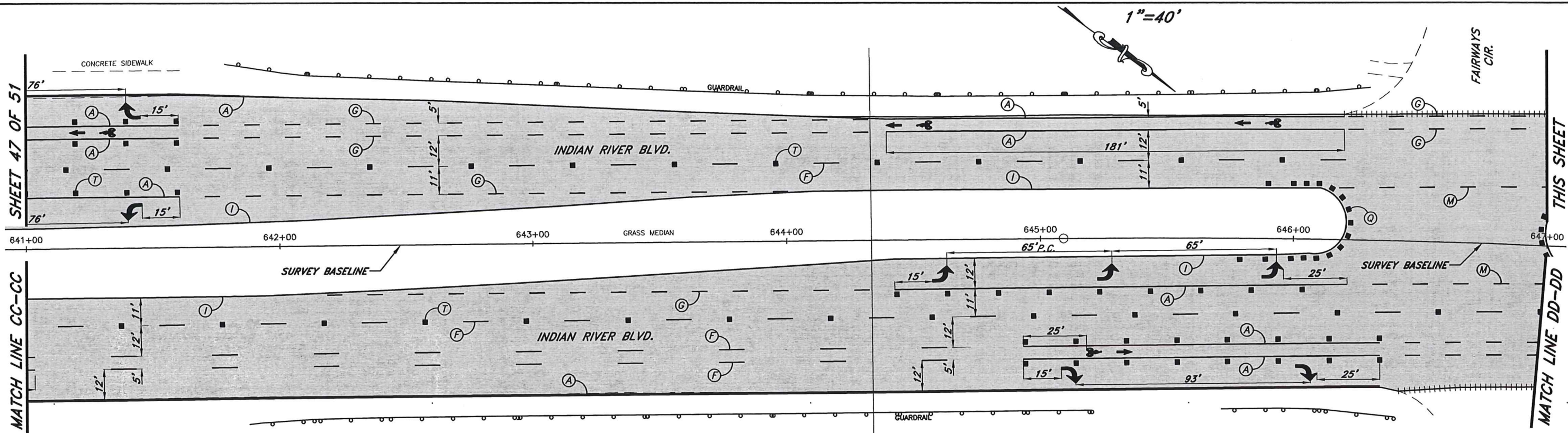


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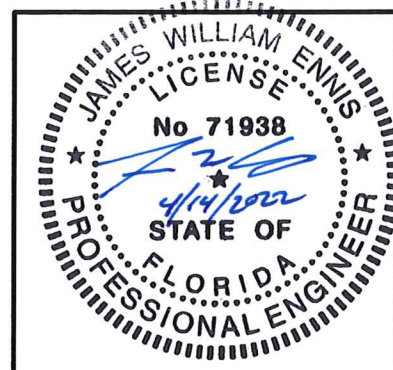



No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23.25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 47 OF 51
PRODUCTION PHASE COMMENTS 8/5/2021 KPH						DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	TOWNSHIP 32S RANGE 39E FIELD BOOK NO. PAGE	COUNTY PROJECT NO. IRC-1707		

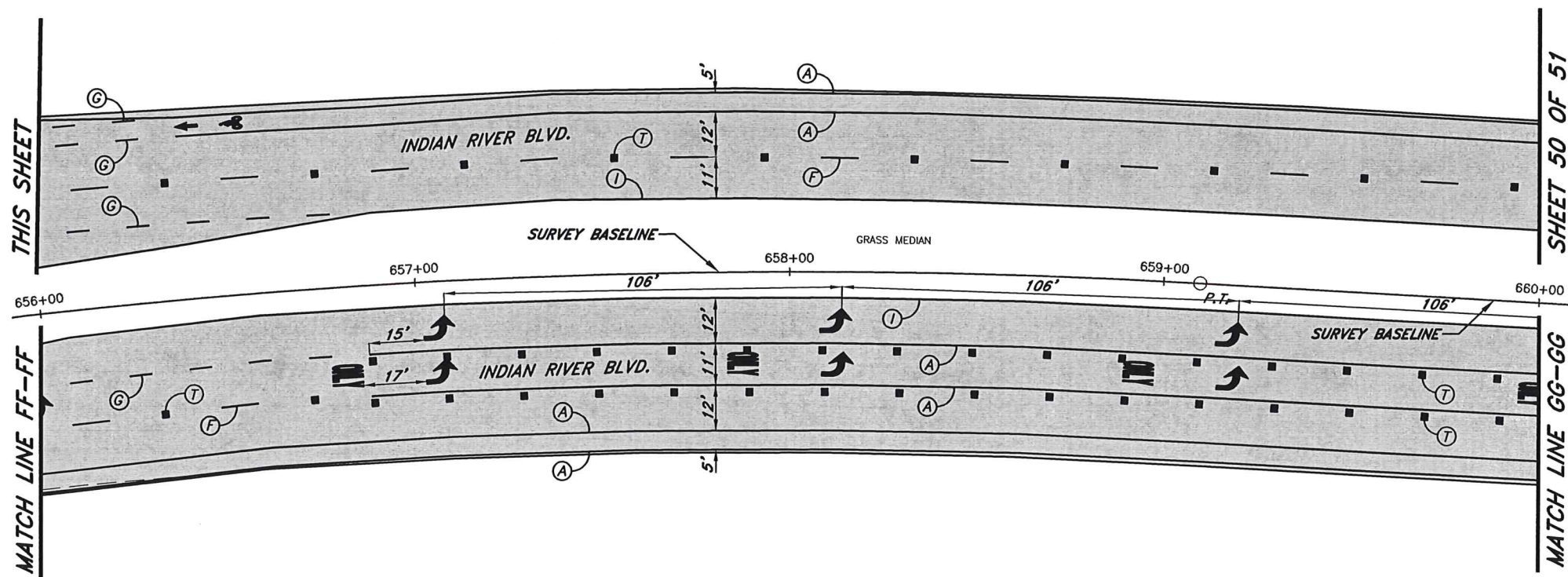
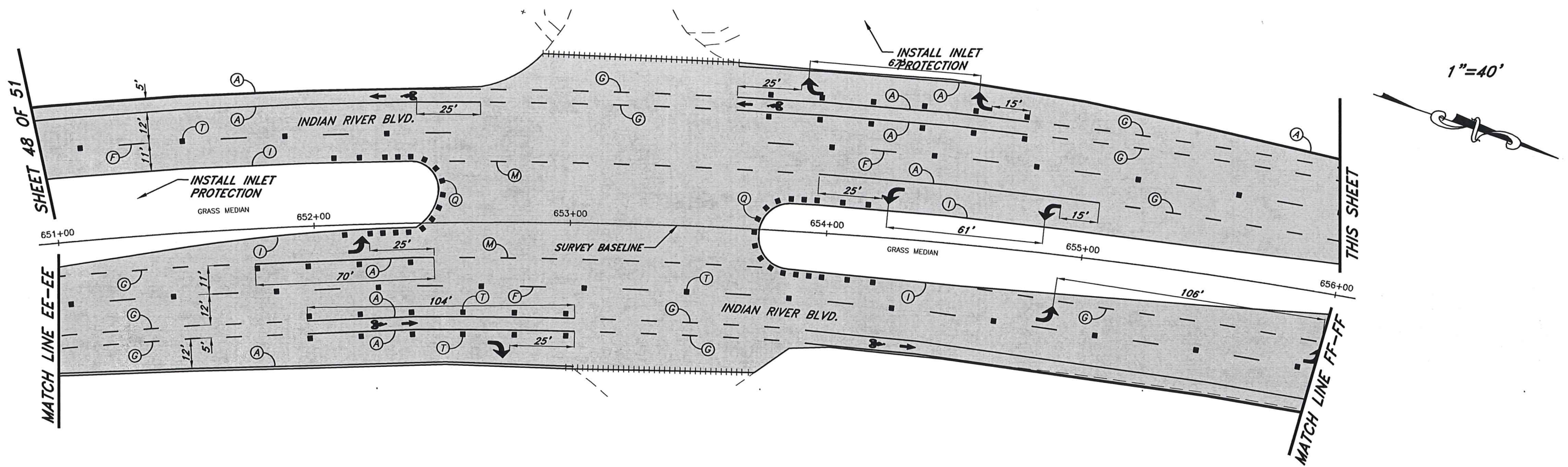


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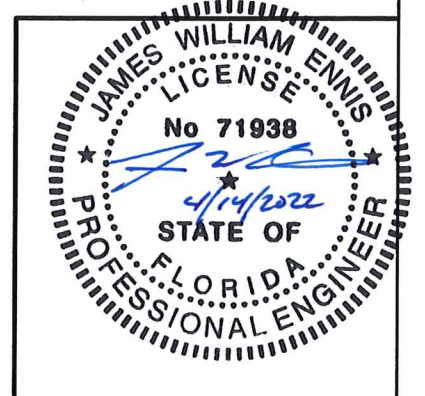


No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E. DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	SECTION 23.25.26.36 TOWNSHIP 32S RANGE 39E FIELD BOOK NO. - PAGE -	DATE: 3/4/2021 COUNTY PROJECT NO. IRC-1707	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 48 OF 51
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No.	Revision	Date	By
1	PRODUCTION PHASE COMMENTS	8/5/2021	KPH

INDIAN RIVER COUNTY
 1801 27th STREET
 VERO BEACH, FL 32960
 (772) 567-8000



Department of Public Works
 Engineering Division

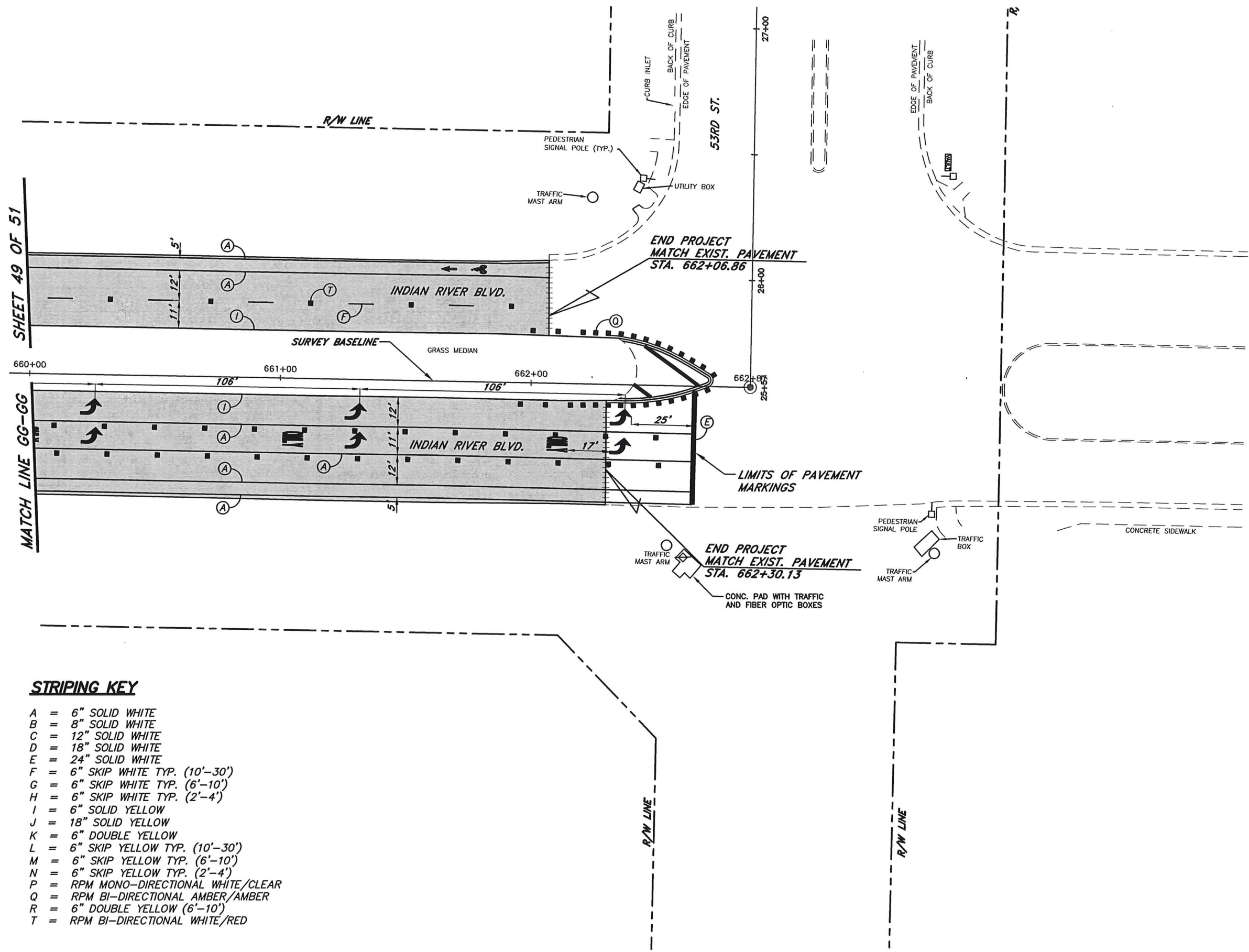
DESIGNED BY:
 J. ENNIS, P.E.
 DRAWN BY:
 K. P. HANSEN
 APPROVED BY:
 J. ENNIS, P.E.

SECTION 23.25.26.36
 TOWNSHIP 32S
 RANGE 39E
 FIELD BOOK NO. PAGE

DATE: 3/4/2021
 COUNTY PROJECT NO.
 IRC-1707

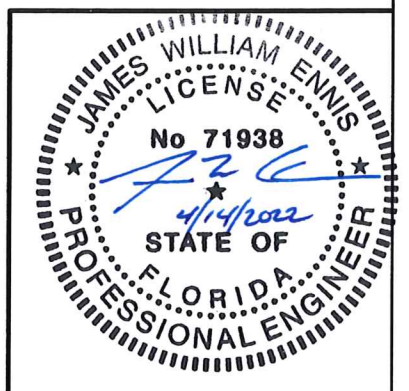
INDIAN RIVER BLVD. RESURFACING
 PAVEMENT MARKINGS


1"=40'



STRIPING KEY

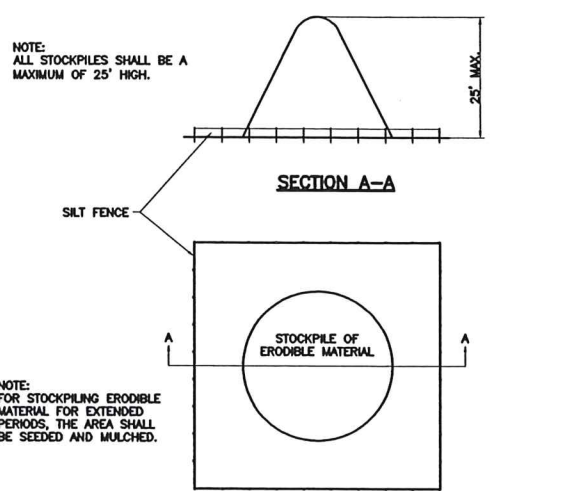
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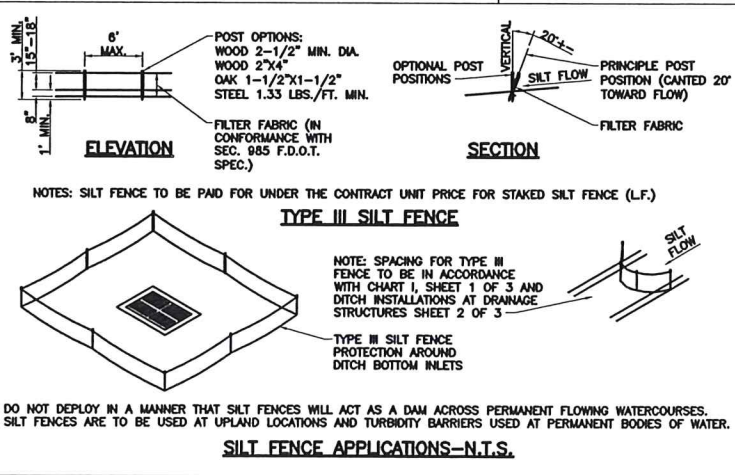
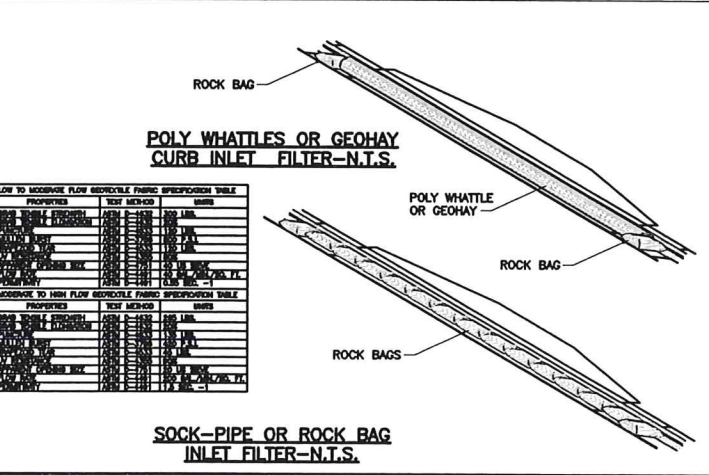
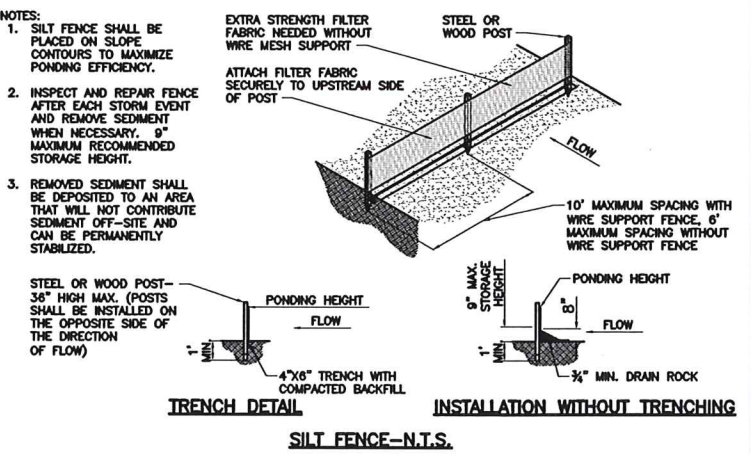
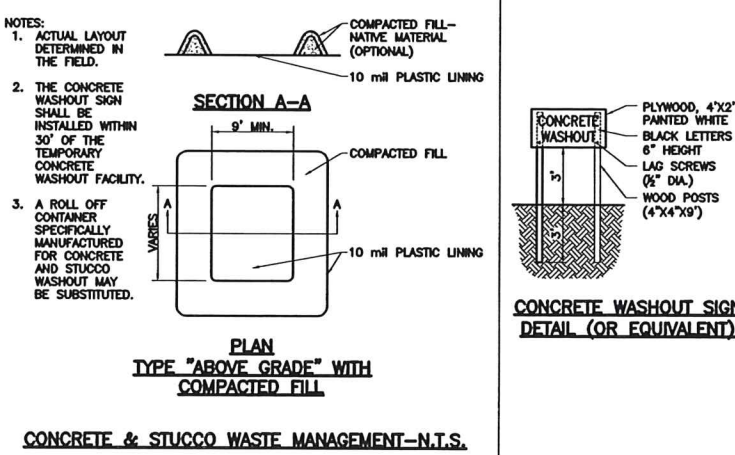
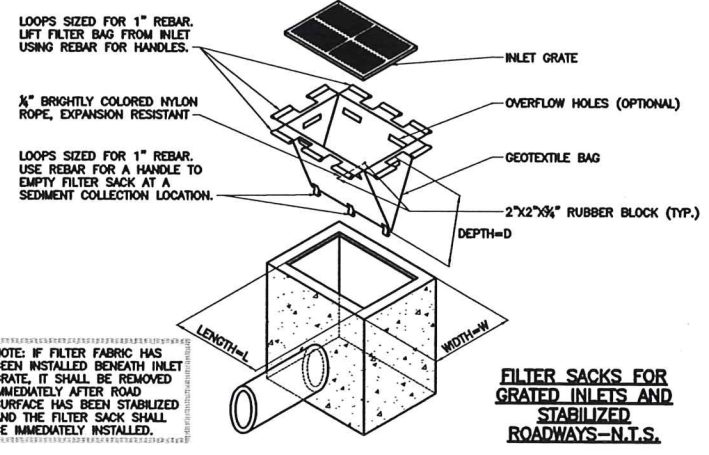
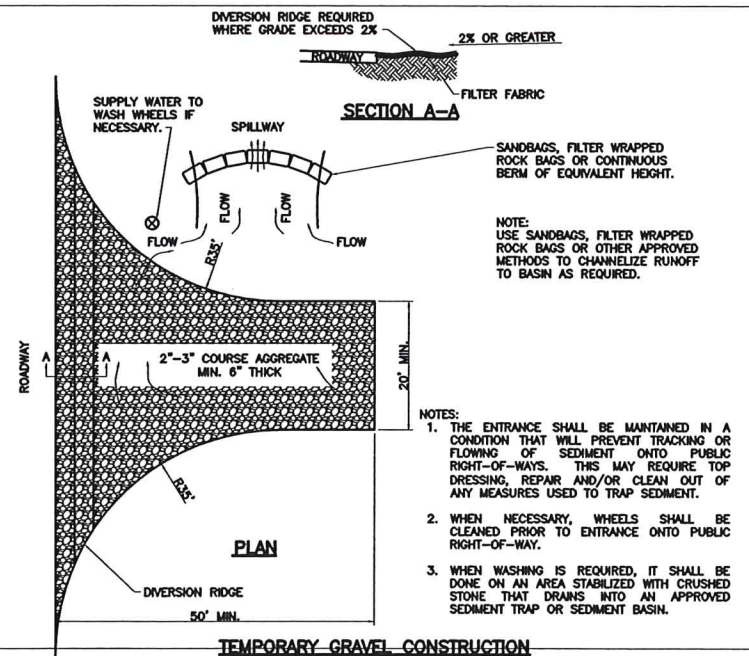
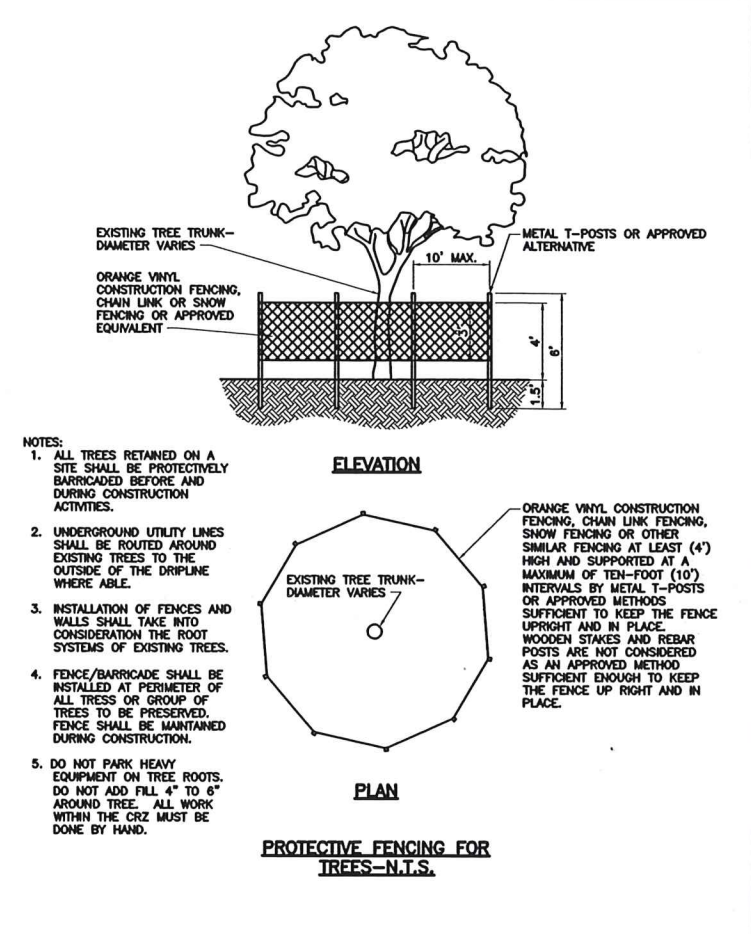
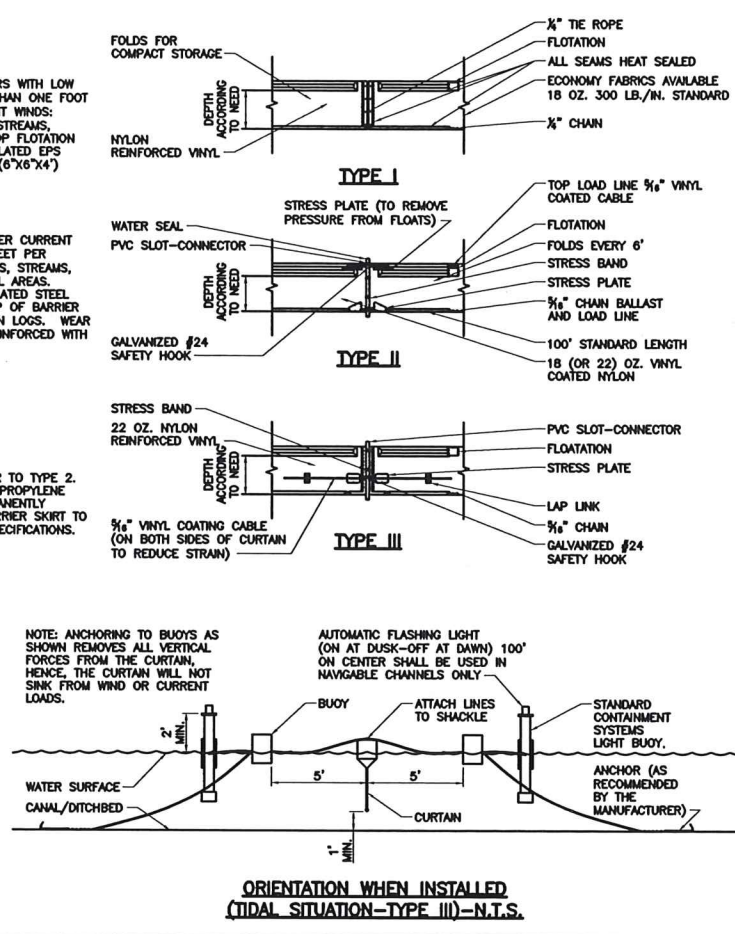
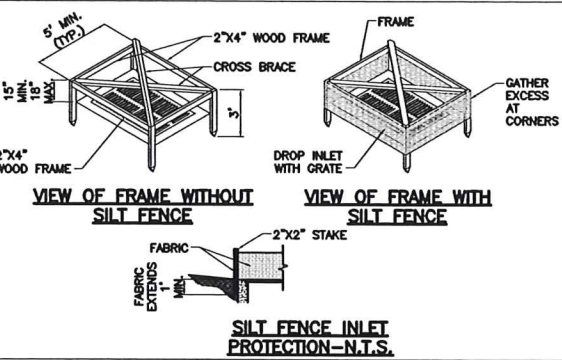
No.	Revision	Date	By	INDIAN RIVER COUNTY 1801 27th STREET VERO BEACH, FL 32960 (772) 567-8000	 Department of Public Works Engineering Division	DESIGNED BY: J. ENNIS, P.E.	SECTION 23, 25, 26, 36	DATE: 3/4/2021	INDIAN RIVER BLVD. RESURFACING PAVEMENT MARKINGS	SHEET 50 OF 51
PRODUCTION PHASE COMMENTS 8/5/2021 KPH						DRAWN BY: K. P. HANSEN APPROVED BY: J. ENNIS, P.E.	TOWNSHIP 32S RANGE 39E FIELD BOOK NO. - PAGE -	COUNTY PROJECT NO. IRC-1707		

EROSION CONTROL NOTES

- Sediment basins and traps, perimeter dikes, sediment barriers and other measures intended to trap sediment shall be constructed as a first step in any land disturbing activity and shall be made functional before up-slope land disturbance takes place.
- All sediment control measures are to be adjusted to meet field conditions at the time of construction and be constructed prior to any grading or disturbance of existing surface material on balance of site. Perimeter sediment barriers shall be constructed to prevent sediment or trash from flowing or floating on to adjacent properties.
- Permanent or temporary soil stabilization shall be applied to denuded areas within seven (7) days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within seven (7) days to denuded areas that may not be at final grade but will remain undisturbed for longer than 30 days. Permanent stabilization shall be applied to areas that are to be left undisturbed for more than one year.
- During construction of the project, soil stock piles shall be stabilized, covered or contained with sediment trapping measures. The applicant is responsible for the temporary protection and permanent stabilization of all soil stockpiles on site as well as soil intentionally transported from the project site.
- A permanent vegetative cover shall be established on denuded areas not otherwise permanently stabilized.
- After any significant rainfall, sediment control structures will be inspected for integrity. Any damaged devices shall be corrected immediately.
- Concentrated runoff shall not flow down cut or fill slopes unless contained within an adequate temporary or permanent channel, flume, slope drain structure or approved control.
- Sediment will be prevented from entering any storm water system, ditch or channel. All storm water inlets that are made operable during construction shall be protected so that sediment-laden water cannot enter the conveyance system without first being filtered or otherwise treated to remove sediment.
- When work in a live watercourse is performed, precautions shall be taken to minimize encroachment, control sediment transport and stabilize the work area to the greatest extent possible during construction.
- Periodic inspection and maintenance of all sediment control structures must be provided to ensure intended purpose is accomplished. The developer, owner and/or contractor shall be continually responsible for all sediment controls. Sediment control measures shall be in working condition at the end of each working day.
- Where construction vehicle access routes intersect paved public roads, provisions shall be made to minimize the transport of sediment by tracking onto the paved surface. Where sediment is transported onto a public road surface with curbs and gutters, the road shall be cleaned thoroughly at the end of each day. Sediment shall be removed from the roads by shoveling or sweeping and transported to a sediment control disposal area. Street washing shall be allowed only after sediment is removed in this manner. This provision shall apply to individual subdivision lots as well as to larger land disturbing activities.
- All temporary erosion and sediment control measures shall be removed within 30 days after final site stabilization or after the temporary measures are no longer needed.
- Properties and waterways downstream from construction sites shall be protected from sediment deposition and erosion at all times during construction.
- Erosion control design and construction shall follow the applicable requirements of the "State of Florida Erosion and Sediment Control Designer and Reviewer Manual", Latest Update: July 2013, or current edition and as may be modified by the Project Engineer of Record via a signed and sealed drawing and as required by Indian River County permits and other regulatory agency permits.
- Contractor is responsible for all surface water discharges, rainfall run off or dewatering activities.
- Contractor must incorporate all BMP's necessary to meet or exceed state water quality and SWPPP requirements.
- The Pollution Prevention Plan is a minimum guideline only. Additional BMP's may be necessary at contractor's expense.
- NOI to be posted on site.
- Dewatering activities:
 - A - Discharge must not exceed state water quality standards.
 - B - Contractor must have a transferable SURWMD Consumptive Use permit known as a "Noticed General Permit For Short Term Construction De-Watering".
 - C - No hydraulic pumps may be used for dewatering unless approved by the water management district for that area.
 - D - No turbid discharge. Turbidity readings are required once a week and must be reported to the project Engineer.
- Failure to develop and implement a certified stormwater pollution prevention plan shall be deemed a violation of the permit and the permittee shall be subject to enforcement action. The plan shall be completed prior to the submittal of an NOI (Notice of Intent) to be covered under the permit and updated as appropriate. The plan shall also provide for compliance with the terms and schedule of the plan beginning with the initiation of the construction activities.



SEDIMENT CONTROL DETAIL FOR STOCKPILING OF ERODIBLE MATERIAL-N.T.S.



NOTE

- THIS PLAN SHEET SHALL NOT BE CONSIDERED A SWPPP (STORMWATER POLLUTION PREVENTION PLAN) BUT IS A PLAN REPRESENTATIVE OF THE MINIMUM REQUIRED BMP'S (BEST MANAGEMENT PRACTICES).
- THE SWPPP SHALL BE COMPLETED PRIOR TO THE SUBMITTAL OF THE NOTICE OF INTENT (NOI) TO BE COVERED UNDER THE DEPARTMENT'S GENERAL PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES.

JAMES WILLIAM ENNIS
LICENSE No 71938
4/17/2022
STATE OF FLORIDA
PROFESSIONAL ENGINEER