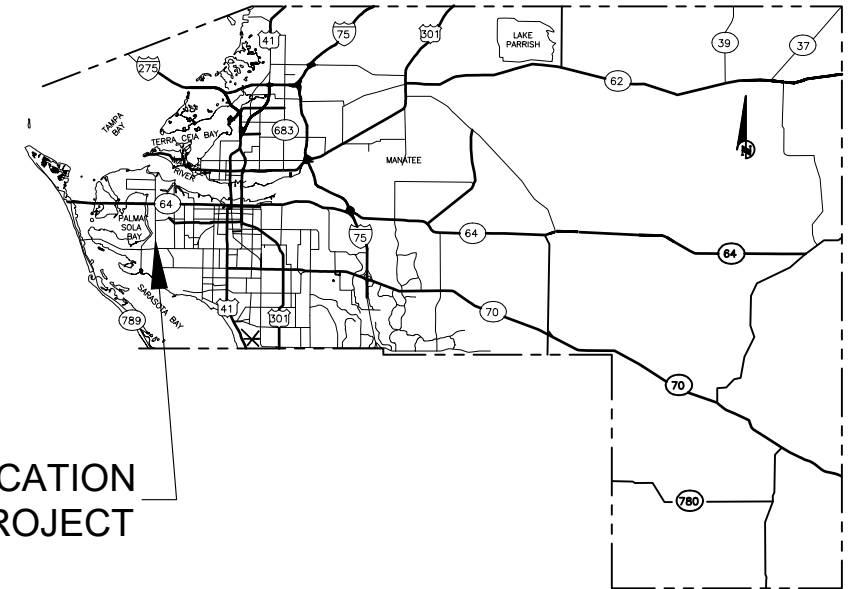


CONTRACT PLAN COMPONENTS

ROADWAY PLANS
 UTILITY ADJUSTMENT SHEETS
 SIGNING & MARKING PLANS
 SIGNALIZATION PLANS

STATE OF FLORIDA COUNTY OF MANATEE

PROPOSED ROADWAY PLANS FOR 75TH ST W REBASE FROM CORTEZ RD TO BRIDGE #134094 BRADENTON, FLORIDA



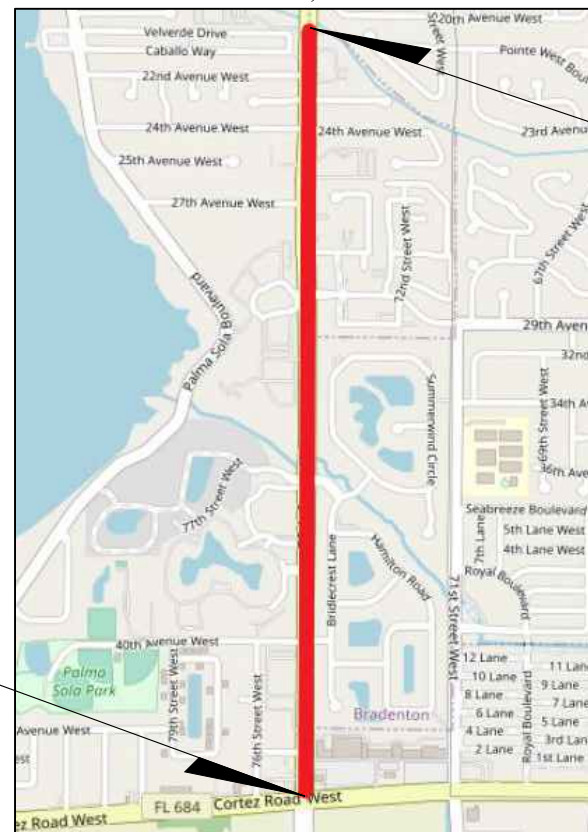
LOCATION OF PROJECT

INDEX OF ROADWAY PLANS

Sheet No.	Description
01	Key Sheet
02	Summary of Pay Items
03	Typical Sections
04-05	General Notes
6-11	Plan Sheets
12	Erosion Control
13-18	Utility Adjustment Sheets
19	UTILITY DETAIL US-3

MANATEE COUNTY PROJECT No: 6108460

APRIL, 2022

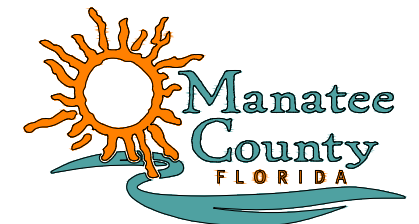


BEGIN PROJECT
 STA.0+58.03

END PROJECT
 STA. 71+37.68



100% PLANS



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

ROADWAY PLANS
 PROFESSIONAL OF RECORD: YANRONG FU, P.E.

FLORIDA P.E. # 69268

MANATEE COUNTY PUBLIC WORKS
 1022 26th AVENUE EAST
 BRADENTON, FL 34208

GOVERNING DESIGN STANDARDS:
 FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2022-23 DESIGN STANDARDS eBOOK (DSeB) AND APPLICABLE DESIGN STANDARDS REVISIONS (DSRs) AT THE FOLLOWING WEBSITE:
<https://www.fdot.gov/design/standardplans/current/default.shtm>

GOVERNING STANDARD SPECIFICATIONS:
 FLORIDA DEPARTMENT OF TRANSPORTATION, JANUARY 2022 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



PROJECT LENGTH IS BASED ON B/L OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	7079.65	1.34
EXCEPTIONS	0.00	0.00
GROSS LENGTH OF PROJECT	7079.65	1.34

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T0000	22	01

LINE NUMBER	FDOT ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	U/M
MOBILIZATION & MAINTENANCE OF TRAFFIC				
1.	101-1	MOBILIZATION	1.00	LS
2.	102-1	MAINTENANCE OF TRAFFIC	1.00	LS
SUBTOTAL MOBILIZATION & MAINTENANCE OF TRAFFIC				
ROAD WORK				
3.	104-18	INLET PROTECTION SYSTEM	41.00	EA
4.	MC-1	COLD-IN-PLACE RECYCLE 8" DEPTH	47,084.00	SY
5.	327-70-6	MILLING EXIST ASPH PAVT, 1" TO 2" AVG DEPTH	51,015.00	SY
6.	334-MC	TYPE S-I ASPHALT CONCRETE W/TACK COAT, 2"	5,612.00	TN
7.	334-MC	TYPE S-III ASPHALT CONCRETE W/TACK COAT, 1"	7,736.00	TN
8.	520-1-10	CONCRETE CURB & GUTTER, TYPE F (INCLUDING CONCRETE FLUMES)	40.00	LF
9.	522-1	CONCRETE SIDEWALK, 4" THICK (INCLUDING HANDICAP RAMPS)	342.00	SY
10.	522-2	CONCRETE DRIVEWAYS, 6" THICK	149.00	SY
11.	527-2	DETECTABLE WARNINGS	360.00	SY

	PAY ITEM NO.	ALTERNATE BID A		
45.	520-5-46-MC	TRAFFIC SEPARATOR CONCRETE - TYPE IV, 8.5' WIDE	120.00	LF

NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	__/__/__
			SURVEY #	----	DESIGNED	----	__/__/__
			SEC./TWN./RGE	00/00/00	DRAWN	RTM	02/04/2022
			SCALE	N/A	CHECKED	----	__/__/__

YANRUNG FU, P.E.
FLORIDA P.E. # 69268

Signature & Date

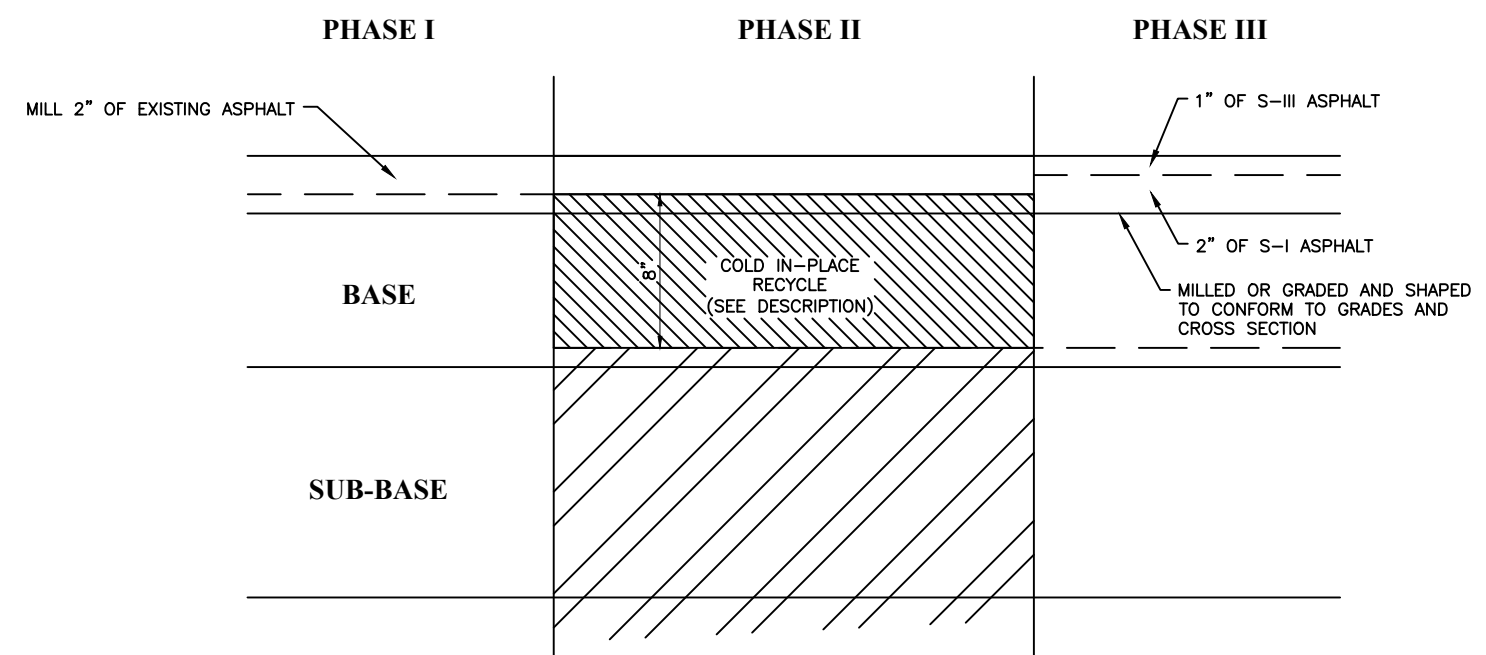
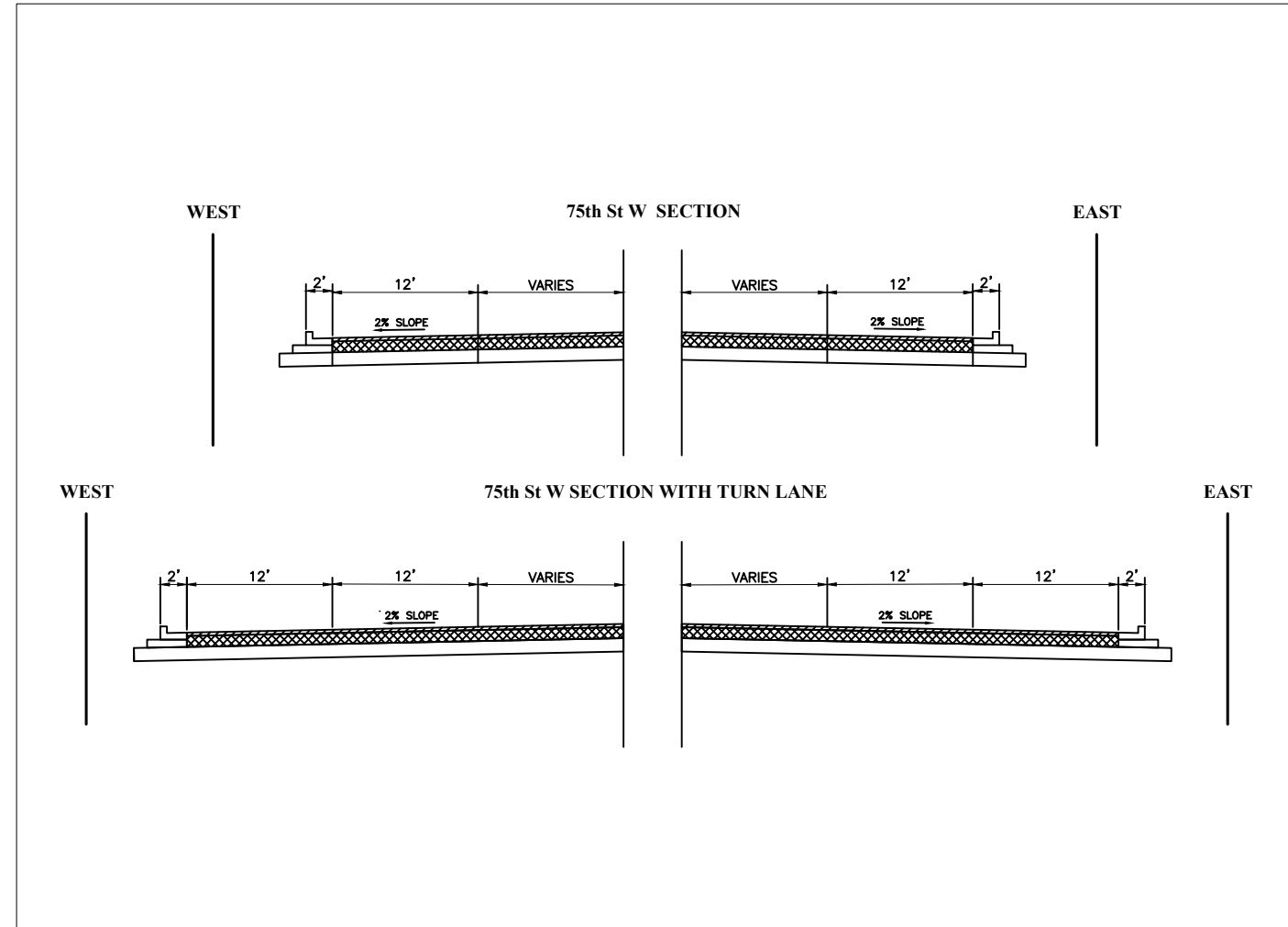


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ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
SUMMARY OF PAY ITEMS

SHEET NO.
02

- * CONTRACTOR TO REPLACE BIKE MARKING AND LINES AT CURRENT LOCATIONS.
- * AS PART OF MOT VARIABLE MESSAGE BOARDS TO BE PLACED 7 CALENDAR DAYS PRIOR TO START OF CONSTRUCTION



COLD IN-PLACE RECYCLED BITUMINOUS MATERIAL SPECIFICATIONS

THE WORK SPECIFIED IN THIS TECHNICAL PROVISION CONSISTS OF THE IN-PLACE CONSTRUCTION OF A COLD RECYCLED BITUMINOUS BASE COURSE, USING EITHER RECLAIMED ASPHALT PAVEMENT (RAP) MATERIAL AND/OR RECLAIMED AGGREGATE MATERIAL (RAM), COMBINED WITH VIRGIN AGGREGATES AND/OR BITUMINOUS MATERIAL. IT IS THE INTENT OF THIS CONTRACT TO RECYCLE 100% OF THE EXISTING ASPHALT PAVEMENT AND A PREDETERMINED PORTION OF THE BASE, AS NECESSARY TO ENSURE THAT THE COMPLETED RECYCLED BASE COURSE WILL BE OF A CONSISTENT MATERIAL AND THICKNESS THROUGHOUT, INCLUDING, BUT NOT LIMITED TO, ALL EXISTING ASPHALT PAVEMENT AND BASE ADJACENT TO ALL CONCRETE CURBING, STORM SEWER INLETS, MANHOLES, SANITARY SEWER MANHOLES, AND ALL UTILITY VALVE BOXES. THE EXISTING ASPHALT PAVEMENT AND BASE IN THE ABOVE-DESCRIBED LOCATIONS MUST BE INCLUDED IN THE RECYCLING PROCESS IN ORDER TO CONSTRUCT A BITUMINOUS BASE COURSE WITH A UNIFORM THICKNESS THROUGHOUT 100% OF THE PROPOSED AREA. THE INTENT OF THIS CONTRACT IS TO UTILIZE THE SPECIFIED PROCESS WHICH IS CLEARLY DEFINED WITHIN THIS SPECIFICATION. THEREFORE, FULL DEPTH RECLAMATION OR ANY VARIATION OF FULL DEPTH RECLAMATION WILL NOT BE ACCEPTED.

NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	_/_/__
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			SCALE	N/A	CHECKED	----	_/_/__

YANRONG FU, P.E.
FLORIDA P.E. # 69268

Signature & Date



PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
TYPICAL SECTIONS

- 57. ON SLOPES GREATER THAN 3:1 PEGGING OR PINNING OF SOD MAY BE REQUIRED.
- 58. STATION LOCATIONS AND OFFSETS FOR STORM DRAIN INLETS AND MANHOLES REFERENCE THE CENTER OF THE SPECIFIED STRUCTURE BOTTOM. STATION LOCATION IS CENTER OF STRUCTURE BOTTOM FOR JUNCTION BOXES, CENTER OF RISER FOR CURB INLETS. FOR PIPES WITH MITERED END SECTIONS, THE PROPOSED LENGTHS SHOWN ON THE PLANS INCLUDE THE LENGTH OF THE MITERED END SECTION. PAYMENT FOR PIPE SHALL NOT INCLUDE THE LENGTH OF THE MITERED END SECTION. AS SPECIFIED BY DIMENSION "F" AS SHOWN IN FDOT INDEX 430-021 AND 430-022. PAYMENT SHALL BE FROM INSIDE STRUCTURE WALL TO INSIDE STRUCTURE WALL. ANY EXTRA PIPE LENGTH LISTED SHALL BE CONSIDERED CONTINGENT.
- 59. ALL CURB INLET AND JUNCTION BOX STORMWATER STRUCTURES SHALL HAVE HEAVY DUTY RING AND COVER MANHOLE ACCESS. ALL DRAINAGE BOX DETAIL SHALL FOLLOW MANATEE COUNTY CURRENT STANDARD 202.1 UNLESS IT IS DESIGNATED IN THE PLAN. ALL DRAINAGE BOXES SHALL HAVE A WALL THICKNESS OF 6" MINIMUM.
- 60. DURING DEWATERING OPERATIONS, THE CONTRACTOR SHALL NOT DISCHARGE DIRECTLY TO RECEIVING WATERS, EXISTING CONVEYANCES TO RECEIVING WATERS, OR WETLAND SYSTEMS. TEMPORARY SEDIMENT BASINS, TRAPS, OR SILTATION REDUCTION DEVICES SHALL BE UTILIZED TO COLLECT THE DISCHARGE FROM DEWATERING ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OFFSITE SEDIMENT TRANSPORT AND TO ENSURE THAT DIRECT DISCHARGE DOES NOT OCCUR.

RESTORATION

- 61. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS SHOWN OTHERWISE.
- 62. ALL DISTURBED GRASSED AREAS SHALL BE SODDED. THE TYPE OF SOD USED TO REPLACE OWNER MAINTAINED AREAS IN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PROPERTY OWNER. ALL EXISTING SHRUBS, TREES, PLANTINGS AND OTHER VEGETATION, OUTSIDE OF RIGHT-OF-WAY DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT MATERIAL BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 63. CONCRETE DRIVEWAYS OR SIDEWALKS THAT ARE CUT SHALL BE RESTORED TO MATCH EXISTING ACCORDING TO THE CURRENT EDITIONS OF THE F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN, SECTION 522-001, AND SECTION 522-003 OF THE F.D.O.T. DESIGN STANDARDS LATEST REVISION.
- 64. WHENEVER A PERMANENT ROADWAY SURFACE IS NOT PLACED IMMEDIATELY AFTER BACKFILLING AND COMPACTION OF THE NEWLY INSTALLED PIPE LINE IN AREAS WHERE TRAFFIC MUST PASS, THE CONTRACTOR SHALL INSTALL A TEMPORARY SURFACE CONSISTING OF NINE INCHES OF COMPACTED LIME ROCK BASE AND A COAT OF ASPHALT EMULSION. PERMANENT ROADWAY REPAIR SHALL BE PERFORMED A MAXIMUM OF TWENTY-ONE CALENDAR DAYS AFTER THE INITIAL OPEN CUTTING.
- 65. RESTORATION OF CURBS, DRIVEWAYS, SIDEWALKS, AND PLACEMENT OF SOD SHALL BE COMPLETED WITHIN FORTY-FIVE CALENDAR DAYS OF INITIAL DISTURBANCE, OR TWENTY-ONE CALENDAR DAYS OF SUBSTANTIAL COMPLETION, WHICHEVER OCCURS FIRST.

CONSTRUCTION

- 66. THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT BAFFLES POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES, AS APPROVED BY THE ENGINEER.
- 67. NO MATERIAL SHALL BE STOCKPILED IN ROADWAYS. ALL DIRT AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE DAILY. ROADS SHALL BE SWEEPED DAILY AS PART OF DAILY CLEAN UP.
- 68. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
- 69. INGRESS AND EGRESS TO ALL THE PROPERTIES IN THE CONSTRUCTION AREA SHALL BE MAINTAINED AT ALL TIMES.
- 70. PRIOR APPROVAL WILL BE REQUIRED FOR REMOVAL OF ANY TREE WITHIN THE CONSTRUCTION AREA, UNLESS OTHERWISE NOTED ON THE PLANS.
- 71. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY. DEWATERING IS REQUIRED TO 18" BELOW TRENCH BOTTOM. THE CONTRACTOR SHALL SUBMIT DEWATERING PLAN TO DISTRICT FOR APPROVAL PRIOR TO CONSTRUCTION.
- 72. ALL PIPING AND FITTINGS USED ON THIS PROJECT SHALL BE AS NOTED ON THE PLANS AND IN THE CONTRACT DOCUMENT AND SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES.
- 73. ALL PIPE LENGTHS ARE PLUS OR MINUS AND MAY BE ADJUSTED IN THE FIELD AS REQUIRED. PIPE MEASUREMENTS AND STATION OFFSETS ARE TO CENTER OF STRUCTURES OR FITTINGS. REFER TO DETAIL SHEET FOR ALL REFERENCE POINTS.
- 74. ALL ROCKS OR STONES LARGER THAN SIX INCH DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL. BACKFILL MATERIAL PLACED WITHIN ONE FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO INCH DIAMETER.
- 75. ALL PENETRATION OF EXISTING STRUCTURES SHALL BE BY THE MECHANICAL ROTARY CORE BORING METHOD.
- 76. ALL CONCRETE AND REBAR PENETRATED OR DISTURBED SHALL BE COATED WITH TWO COATS OF EPOXY.
- 77. CONTRACTOR IS RESPONSIBLE FOR ALL UNSUITABLE MATERIAL REMOVAL WITHIN PROJECT LIMITS. EXCAVATION, EMBANKMENT, INCLUDING UTILIZATION, AND UNSUITABLE MATERIAL REMOVAL SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, LATEST VERSION.
- 78. WHERE EXCAVATION IS REQUIRED FOR CONSTRUCTION OF SIDEWALK, ALL STUMPS, ROOTS, ETC. SHALL BE REMOVED COMPLETELY FROM THE SIDEWALK AREA. ALL STUMPS WITHIN THE PROJECT LIMITS SHALL BE REMOVED COMPLETELY AND REPLACED WITH COMPACTED BACKFILL BEFORE THE AREA IS FILLED. TREE ROOTS IN AREA OF PROPOSED SIDEWALK, RAMP, OR DRIVEWAY REPLACEMENT SHALL BE GROUND OUT TO A DEPTH OF 6" BELOW BOTTOM OF NEW SIDEWALK OR DRIVEWAY. ALL PRUNED ROOT DEBRIS SHALL BE REMOVED FROM THE SUB-BASE MATERIAL PRIOR TO POURING CONCRETE, ASPHALT, OR APPLICATION OF OTHER SPECIFIED MATERIALS. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- 79. ALL STUMPS, ROOTS, AND OTHER DEBRIS PROJECTING THROUGH OR APPEARING ON THE SURFACE OF THE GROUND SHALL BE REMOVED TO A DEPTH OF 1-FOOT BELOW THE COMPLETED SURFACE. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- 80. ALL MATERIALS NOT CLAIMED BY THE COUNTY SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN AND PAID UNDER THE PAY ITEM CLEARING AND GRUBBING.
- 81. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.
- 82. THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
- 83. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- 84. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED OR RELOCATED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION AT NO ADDITIONAL COST TO THE COUNTY.
- 85. ALL EXISTING SWALES NOT DESIGNATED FOR RECONSTRUCTION SHALL BE REGRADED TO PROMOTE POSITIVE DRAINAGE AND MATCH PROPOSED CENTERLINE SWALE ELEVATION AND ALIGNMENT.
- 86. ALL STORM DRAINS AND STRUCTURES TO REMAIN SHALL BE CLEANED OF DEBRIS, DIRT, VEGETATION AND OTHER MATERIAL. STORM SEWER INLETS SHALL BE MODIFIED (RAISED/LOWERED) TO MATCH PROPOSED FINISHED GRADE.
- 87. ALL EXISTING FENCES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AND REINSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST. (EXISTING FENCES WITHIN R/W TAKING LIMITS SHALL BE RECONSTRUCTED TO THE NEW R/W LINE AND ARE TO BE REIMBURSED UNDER THE MISCELLANEOUS BID ITEM).
- 88. ALL EXISTING TREES LOCATED WITHIN CONSTRUCTION LIMITS OR CLEAR ZONE SHALL REMAIN AS NOTED.
- 89. THE EXISTING STORM DRAINAGE STRUCTURES SHALL REMAIN AS NOTED.
- 90. ALL EXISTING BUILDINGS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 91. REMOVE AND REPLACE BASE AND SUB-BASE ACCORDING TO FDOT STANDARDS

NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	_/_/__
			SURVEY #	----	DESIGNED	----	_/_/__
			SEC./TWN./RGE	00/00/00	DRAWN	RTM	02/04/2022
			SCALE	N/A	CHECKED	----	_/_/__

YANRONG FU, P.E.
FLORIDA P.E. # 69268

Signature & Date



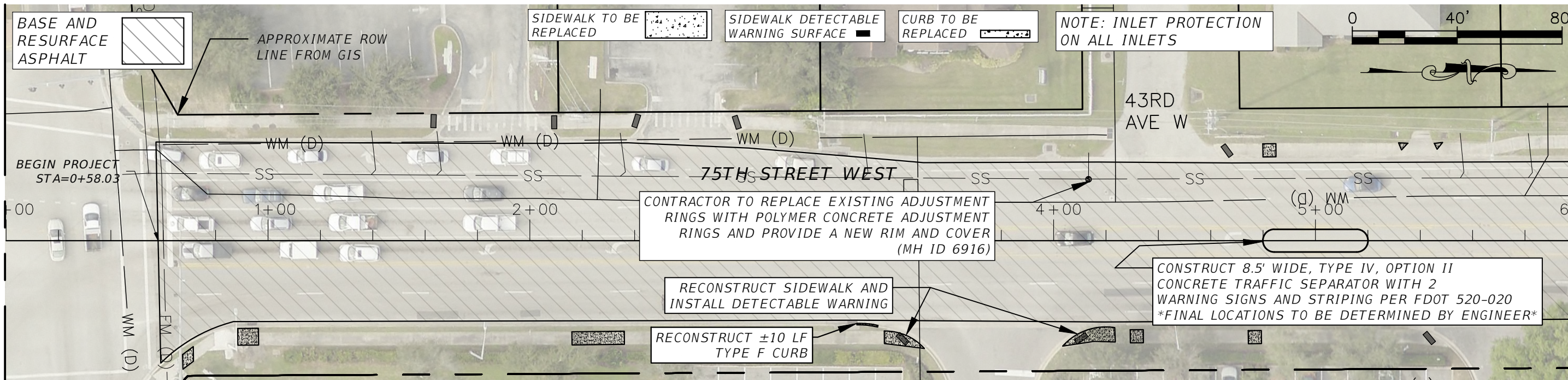
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ENGINEERING SERVICES**
1022 26th Avenue East, Bradenton, FL 34208

*75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
NOTES 2*

SHEET NO.
05

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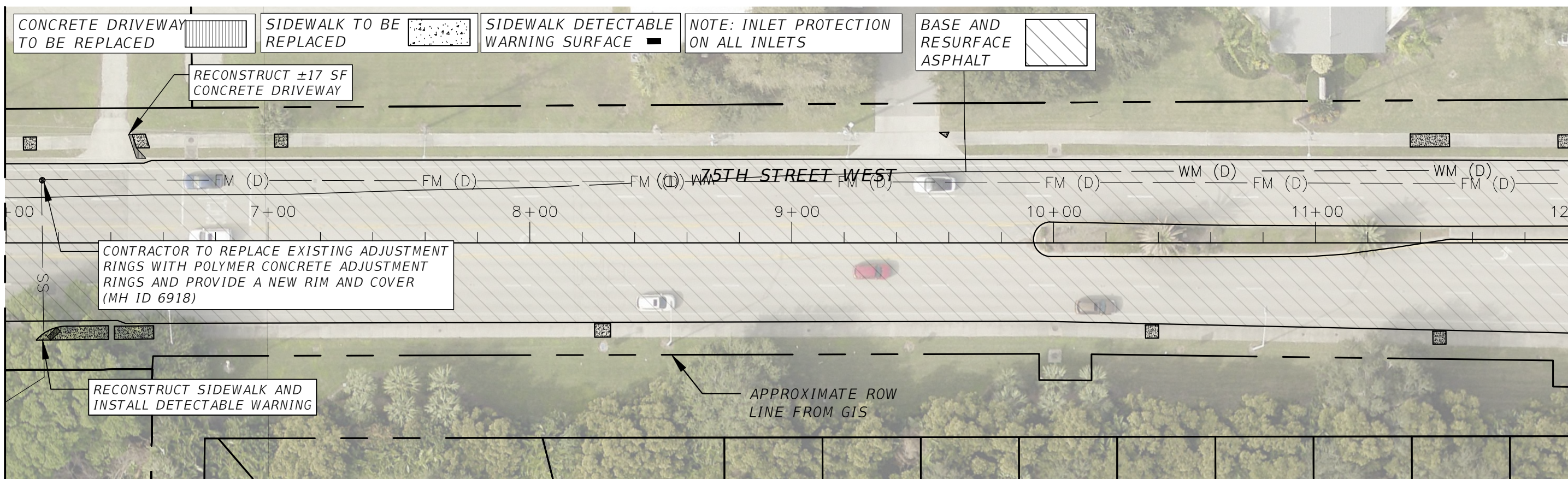
MATCH LINE STA. 00+00.00



MATCH LINE STA. 6+00

- NOTES:**
1. ALL SIDEWALK & CURB REPLACEMENT SHALL BE SAWCUT TO THE NEAREST JOINT WITH 3000 PSI COMPRESSIVE STRENGTH PROVIDED. SIDEWALK SHALL BE PER FDOT INDEX 522-001 & CURB SHALL BE PER FDOT 520-001.
 2. DETECTABLE WARNING SURFACE SHALL BE PER FDOT INDEX 522-002.
 3. ALL VALVES SHALL BE ACCESSIBLE DURING CONSTRUCTION AND SHALL BE TO GRADE WHEN PROJECT IS COMPLETE.
 4. EXISTING MANHOLES WITH GRADE ADJUSTMENT RINGS BEING REPLACED SHALL UTILIZE POLYMER CONCRETE ADJUSTMENT RINGS. INSTALLATION SHALL BE PER THE MANUFACTURERS RECOMMENDATIONS.

MATCH LINE STA. 6+00




MATCH LINE STA. 12+00

NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	_/_/_
			SURVEY #	----	DESIGNED	----	_/_/_
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			SCALE	AS SHOWN	CHECKED	----	_/_/_

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FLORIDA P.E. # 69268

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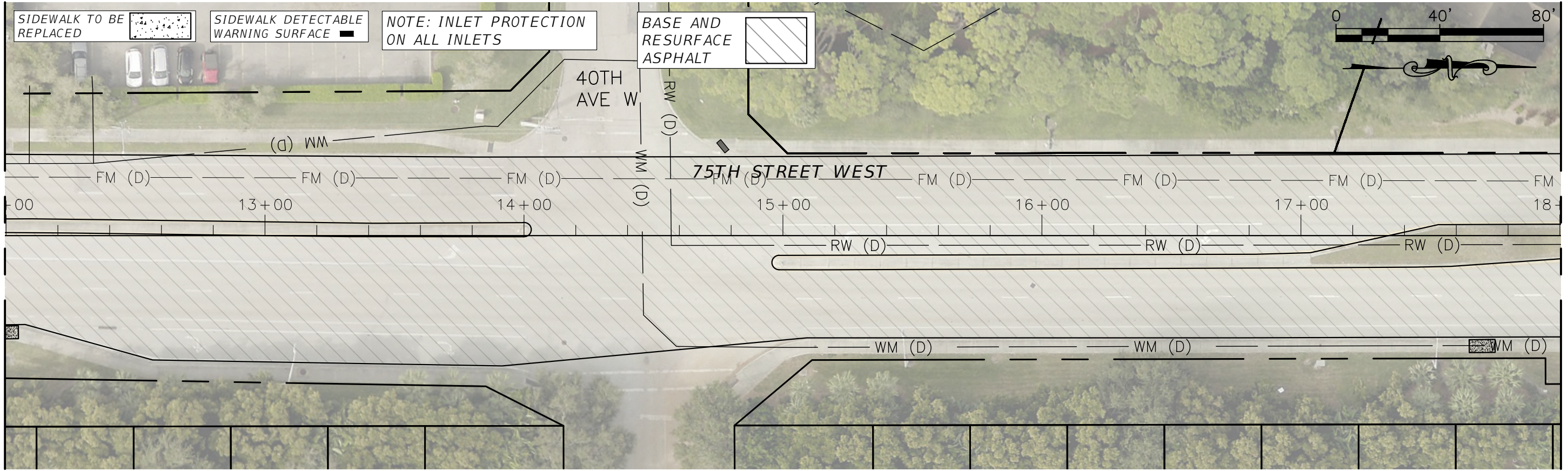
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75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
PLAN STA. 00+00-12+00

SHEET NO.
06

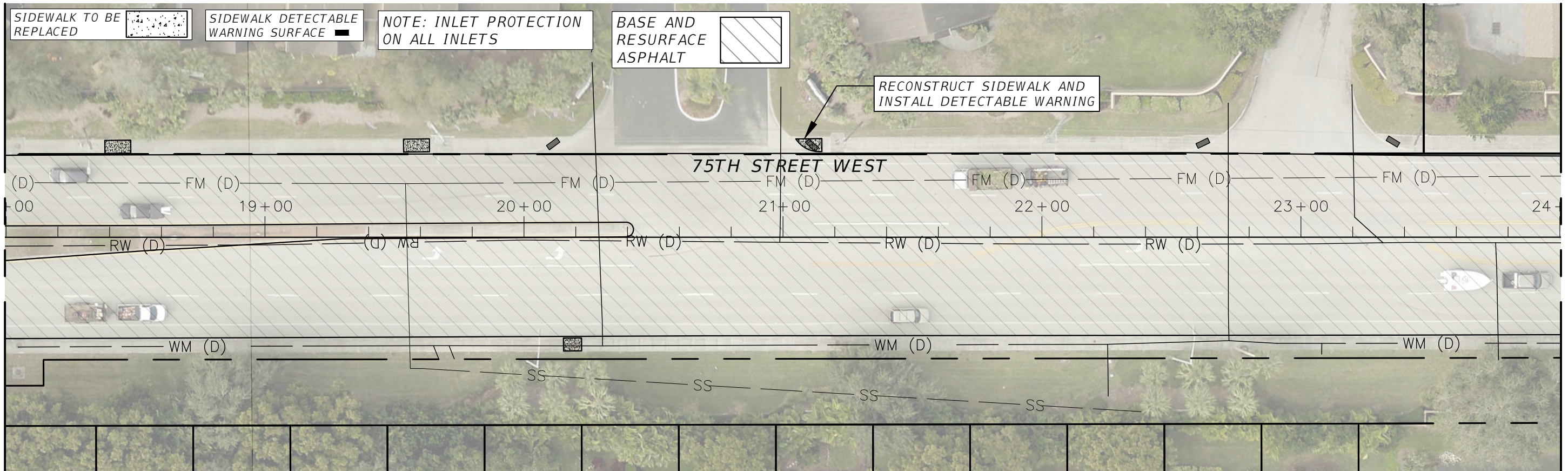
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MATCH LINE STA. 12+00



MATCH LINE STA. 18+00

MATCH LINE STA. 18+00



MATCH LINE STA. 24+00

NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	_/_/_
			SURVEY #	----	DESIGNED	----	_/_/_
			SEC./TWN./RGE	00/00/00	DRAWN	RTM	02/04/2022
			SCALE	AS SHOWN	CHECKED	----	_/_/_

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Signature & Date



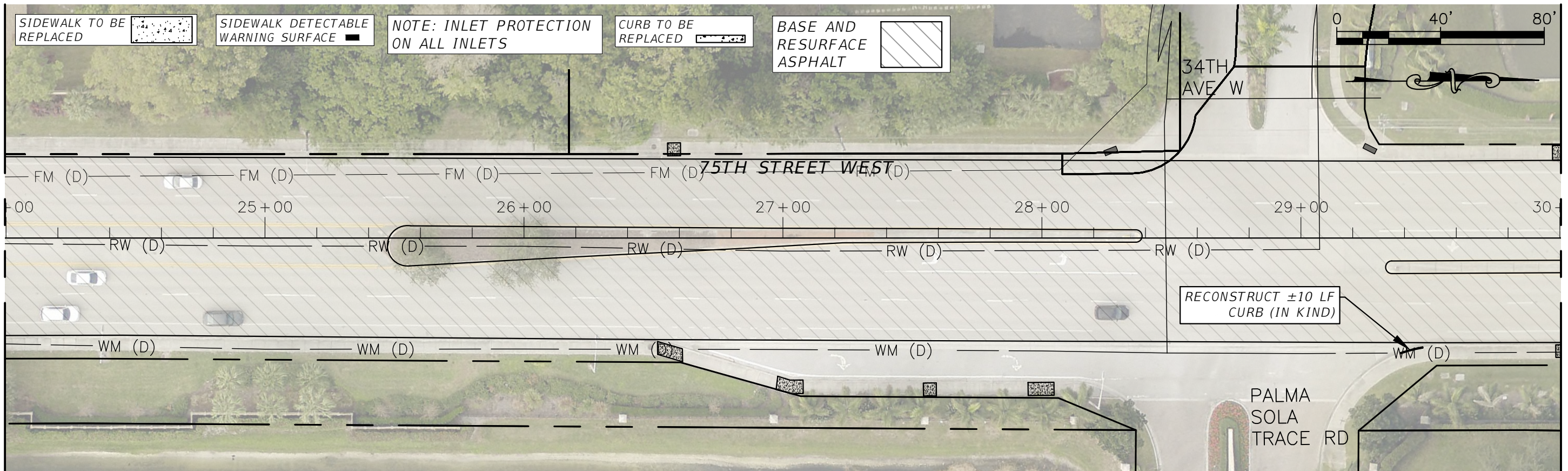
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75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
PLAN STA. 12+00-24+00

SHEET NO.
07

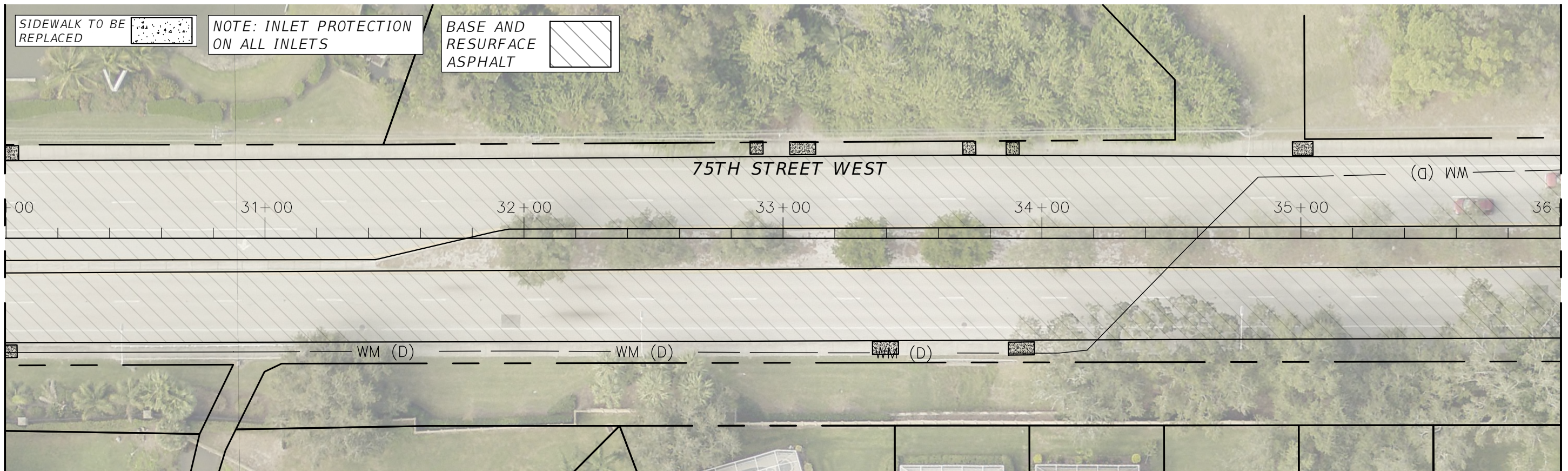
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MATCH LINE STA. 24+00



MATCH LINE STA. 30+00

MATCH LINE STA. 30+00



MATCH LINE STA. 36+00

NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	_/_/_
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			SEC./TWN./RGE	00/00/00	DRAWN	RTM	02/04/2022
			SCALE	AS SHOWN	CHECKED	----	_/_/_

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FLORIDA P.E. # 69268

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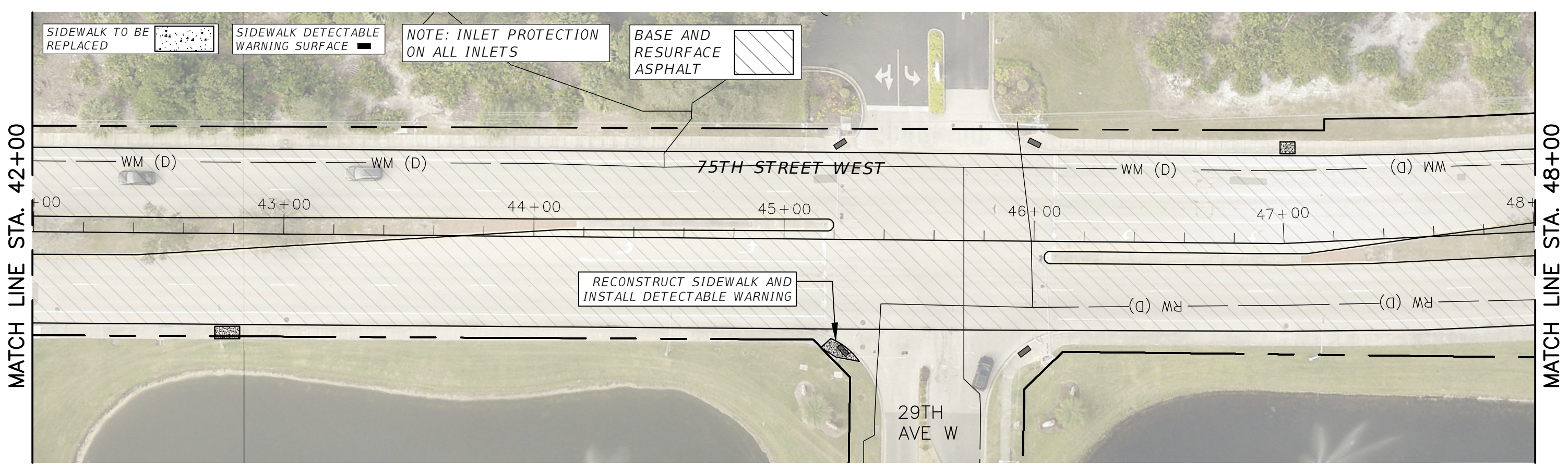
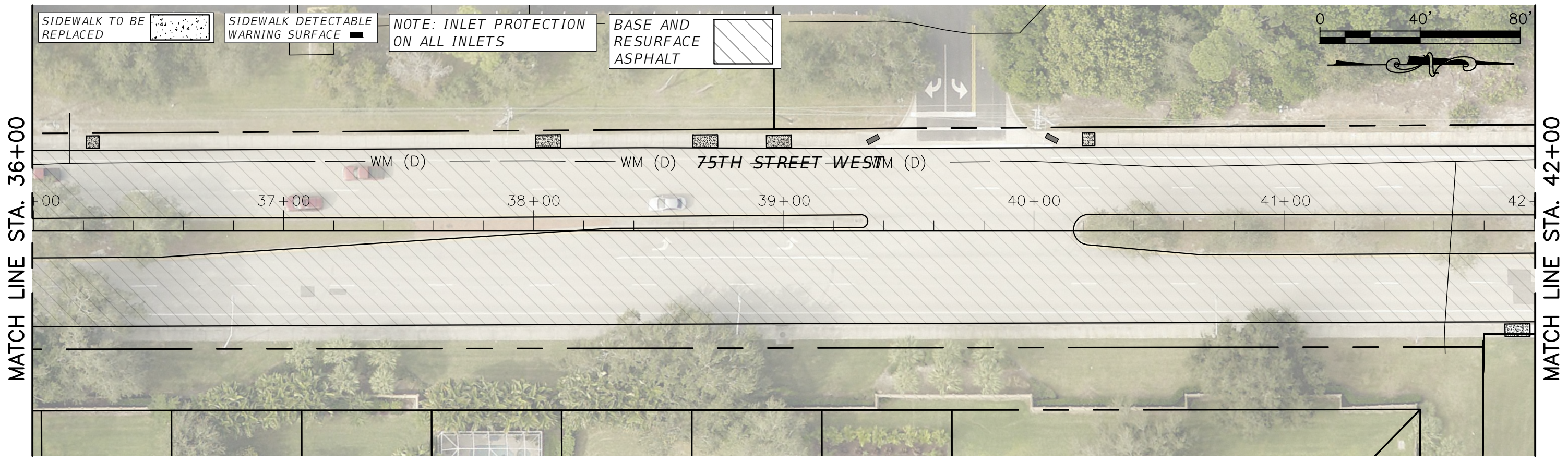


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ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

*75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
PLAN STA. 24+00-36+00*

SHEET NO.
08


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NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	_/_/_
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YANRONG FU, P.E.
FLORIDA P.E. # 69268

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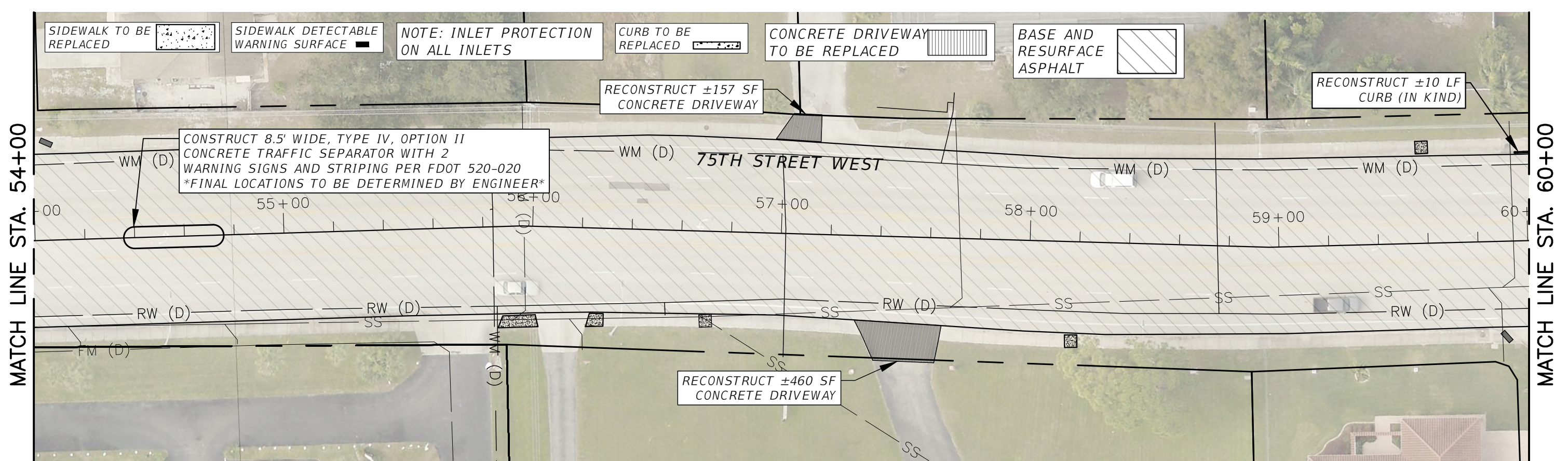
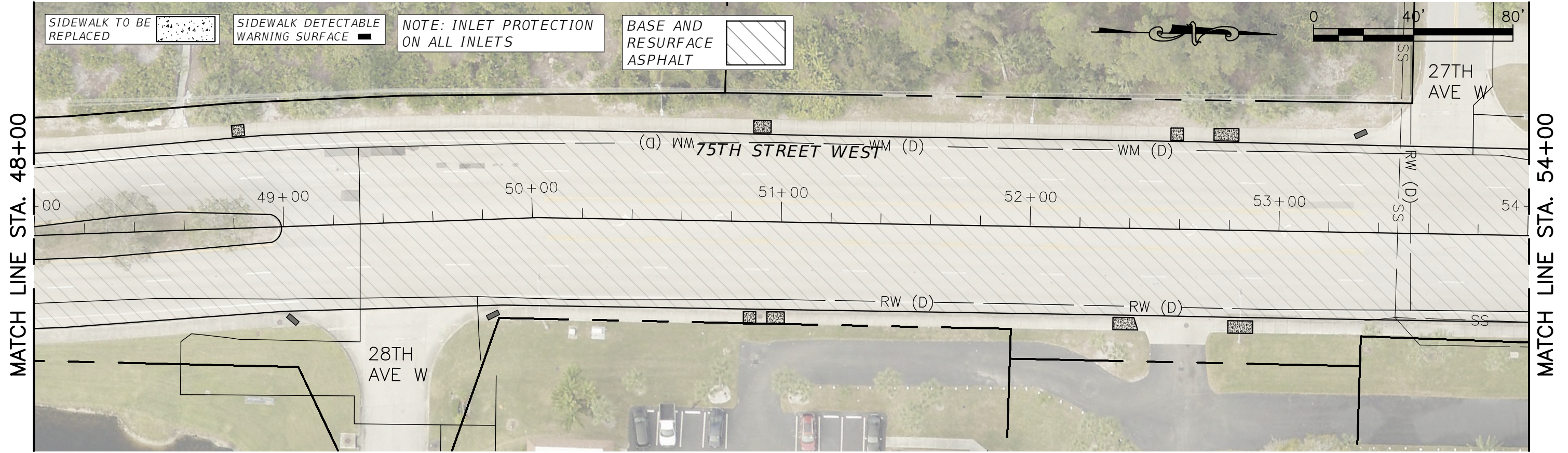


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75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
PLAN STA. 36+00-48+00

SHEET NO.
09


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NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	_/_/_
			SURVEY #	----	DESIGNED	----	_/_/_
			SEC./TWN./RGE	00/00/00	DRAWN	RTM	02/04/2022
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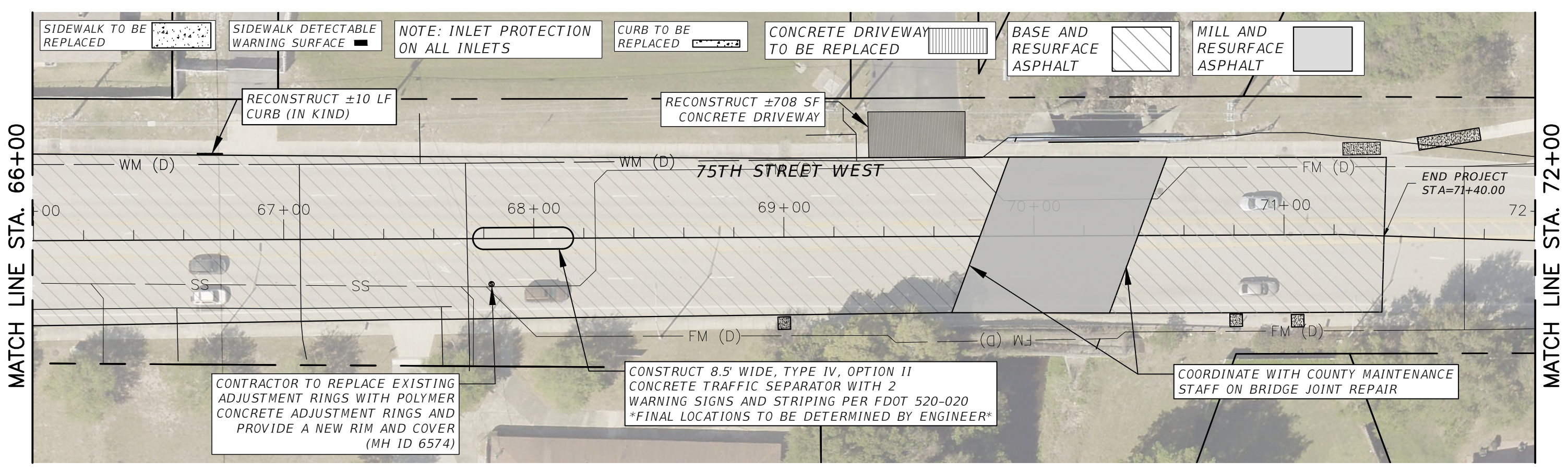
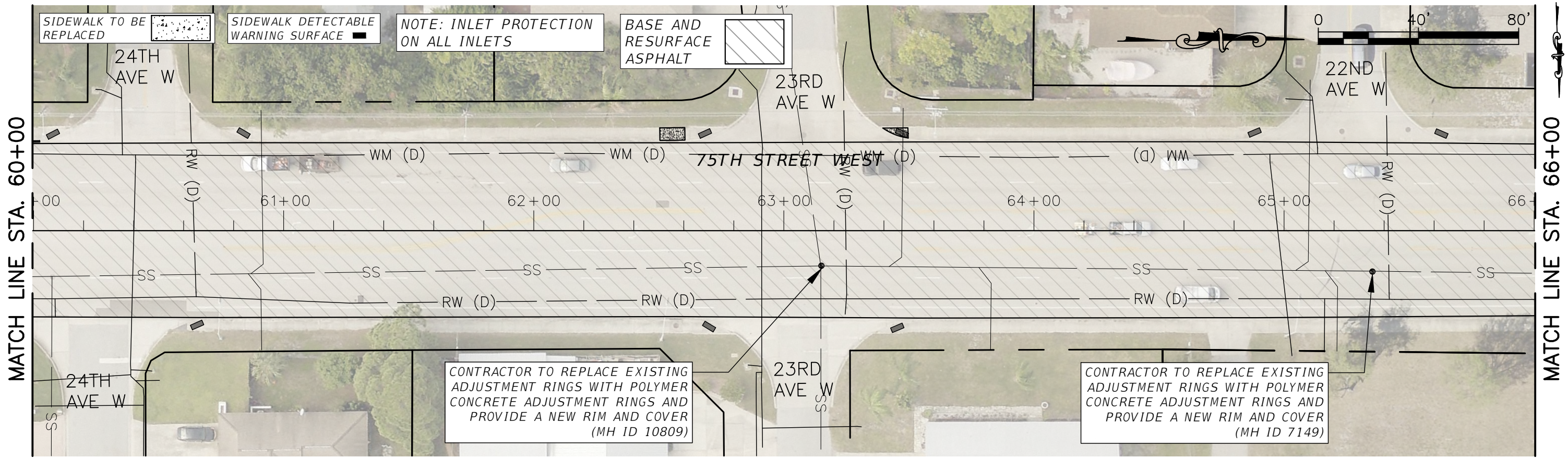


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75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
PLAN STA. 48+00-60+00

SHEET NO.
10


H:\Highway Engineering\PROJECTS\75th St W from Cortez Rd to Bridge #134094\DWG\Civil\75thStW-Rebase Civil.dwg [8/31/2022 1:50 PM]



NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	_/_/_
			SURVEY #	----	DESIGNED	----	_/_/_
			SEC./TWN./RGE	00/00/00	DRAWN	RTM	02/04/2022
			SCALE	AS SHOWN	CHECKED	----	_/_/_

YANRONG FU, P.E.
FLORIDA P.E. # 69268

Signature & Date



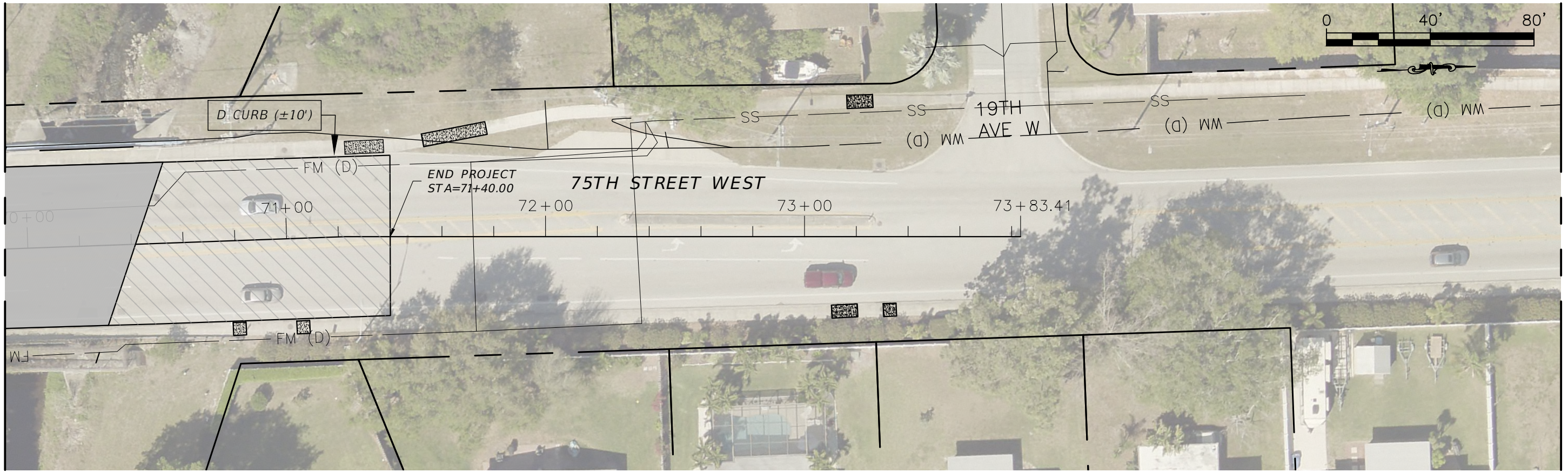
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**
1022 26th Avenue East, Bradenton, FL 34208

75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
PLAN STA. 60+00-72+00

SHEET NO.
11

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MATCH LINE STA. 70+00



MATCH LINE STA. 73+83.41

NUMBER	DESCRIPTION	DATE	PROJECT #	6108460	SURVEYED	----	___/___/___
			SURVEY #	----	DESIGNED	----	___/___/___
			SEC./TWN./RGE	00/00/00	DRAWN	RTM	02/04/2022
			SCALE	AS SHOWN	CHECKED	----	___/___/___

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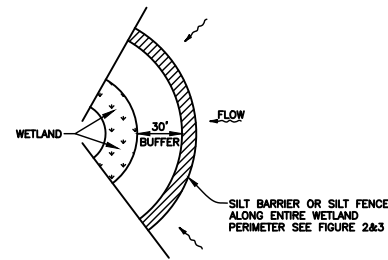
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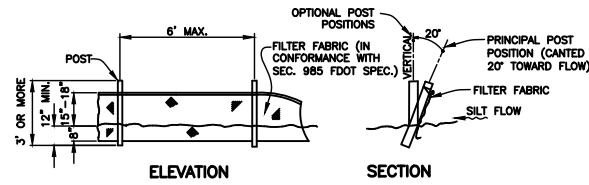
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75TH ST W REBASE
FROM CORTEZ RD TO BRIDGE #134094
PLAN STA. 72+00-73+83.41

SHEET NO.
12

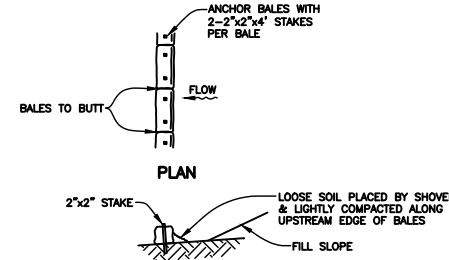


WETLAND BUFFER
FIGURE 1

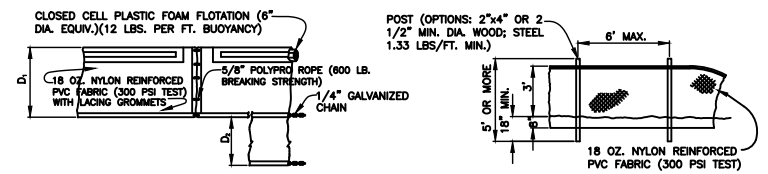


NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).

TYPICAL SILT FENCE
FIGURE 2

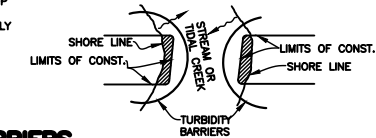


TYPICAL BALE SILT BARRIER
FIGURE 3

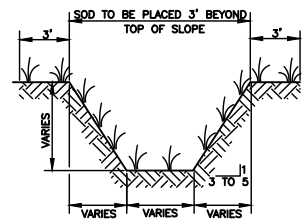


FLOATING TURBIDITY BARRIERS **STAKED TURBIDITY BARRIER**

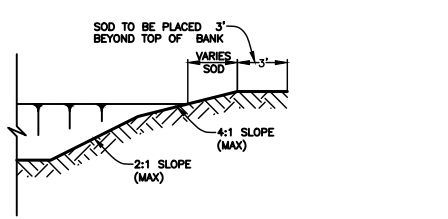
D, =5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS), D₂ =5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5'). CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO(2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.
NOTICE: COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.



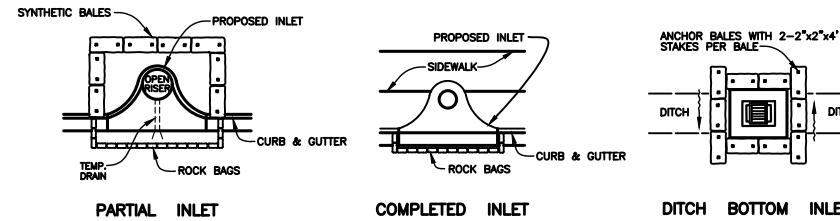
TURBIDITY BARRIERS
FIGURE 4



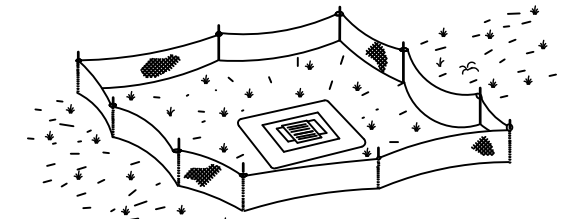
TYPICAL SWALE SECTION
FIGURE 5



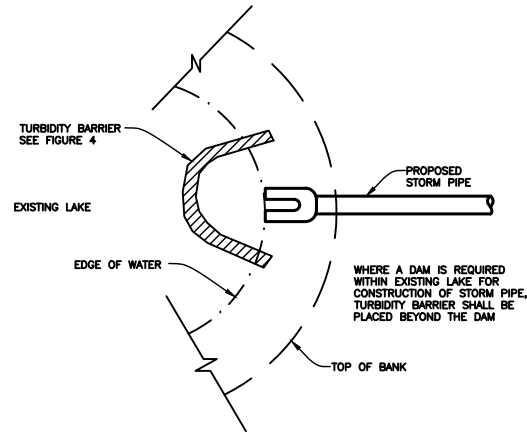
TYPICAL RETENTION/DETENTION POND SECTION
FIGURE 6



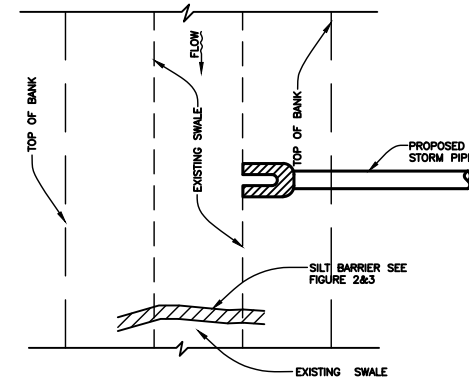
SYNTHETIC BALE PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
FIGURE 7



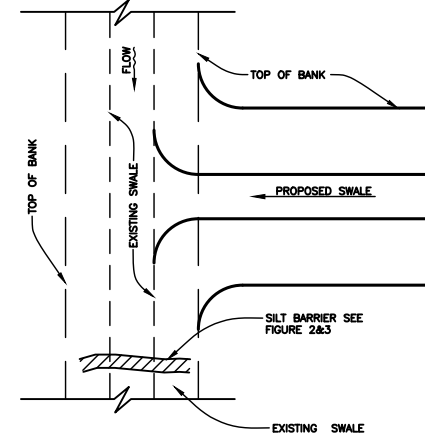
TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS
STAKED SILT BARRIER OR SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS
FIGURE 8



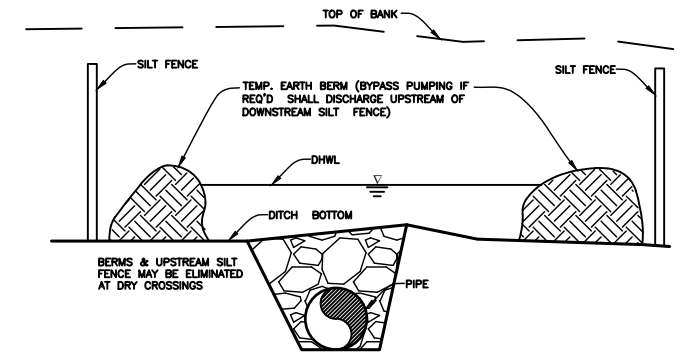
TURBIDITY BARRIER AT CONNECTION OF STORM PIPE TO EXISTING LAKE
FIGURE 9



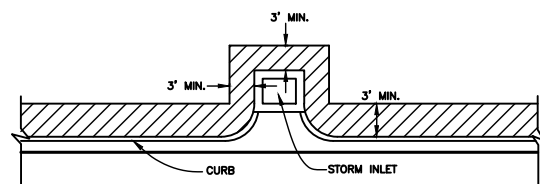
SILT BARRIER AT CONNECTION OF STORM PIPE TO EXISTING SWALE
FIGURE 10



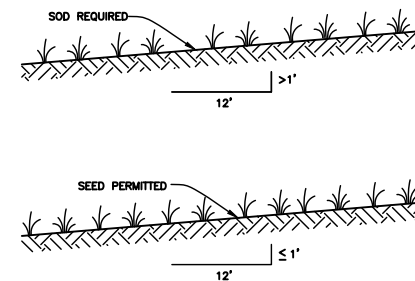
SILT BARRIER AT CONNECTION OF SWALE TO EXISTING SWALE
FIGURE 11



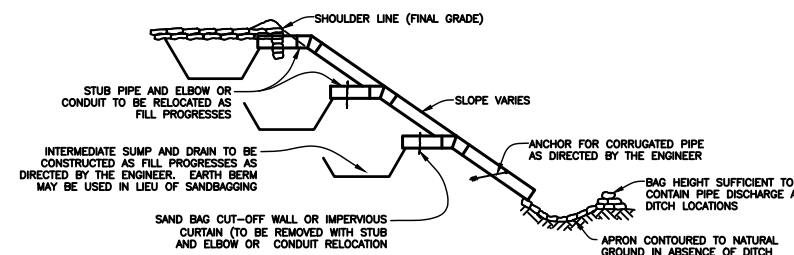
UNDERGROUND PIPE CROSSING
FIGURE 12



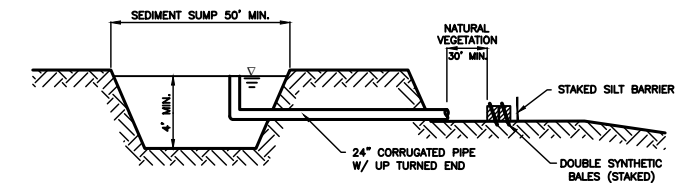
SOD ALONG CURB AND AROUND INLET
FIGURE 14



GRASS SLOPES
FIGURE 13



SECTION AA
TEMPORARY SLOPE DRAIN
FIGURE 15



SEDIMENT SUMP SECTION
FIGURE 16

NOTE:
REFERENCE THE FDOT DESIGN STANDARDS LATEST EDITION FOR ALL TEMPORARY EROSION CONTROL MEASURES.

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ENG NAME, P.E.
FLORIDA P.E. # ----

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*REBASE AND RESURFACE
75TH ST W FROM CORTEZ RD TO
BRIDGE
EROSION CONTROL*