

MANATEE COUNTY, FLORIDA

UNIVERSITY PARKWAY RESURFACING

PROJECT # 341-6062060

FM # 426775-1-58-01

(FEDERAL FUNDS)

FM # 426776-1-58-01

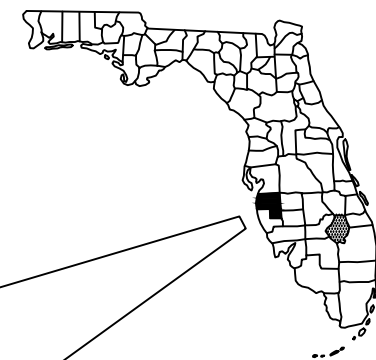
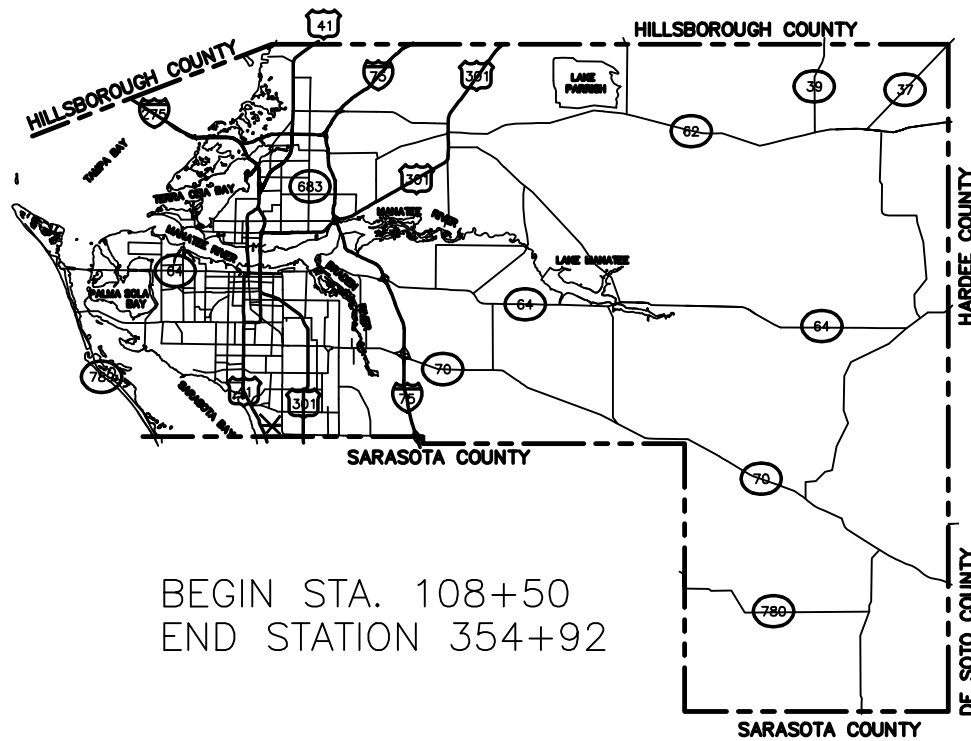
(FEDERAL FUNDS)

INDEX OF ROADWAY PLANS

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GOVERNING STANDARDS AND SPECIFICATIONS:
 FLORIDA DEPARTMENT OF TRANSPORTATION
 DESIGN STANDARDS DATED 2008,
 AND DIVISION II AND III OF THE STANDARD SPECIFICATIONS
 FOR ROAD AND BRIDGE CONSTRUCTION DATED 2007,
 AS AMENDED BY CONTRACT DOCUMENTS.
 APPLICABLE DESIGN STANDARDS MODIFICATIONS: 1-1-10

For Design Standards Modification click on
 "Design Standards" at the following web site:
<http://www.dot.state.fl.us/rddesign/>



NOTE:
 FINANCIAL PROJECT ID Nos. 426775-1-58-01 AND
 426776-1-58-01 ARE BEING LET UNDER THE SAME
 CONTRACT.

THE SCALE OF THESE PLANS MAY
 HAVE CHANGED DUE TO REPRODUCTION

ROADWAY PLANS
 ENGINEER OF RECORD: H. WAYNE ROBERTS P.E.

P.E. NO.: 39612

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	21,700.00	4.109

PROJECT MANAGER: BRIAN MARTINEAU

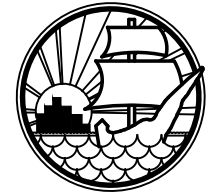
FISCAL YEAR	SHEET NO.

MANATEE COUNTY, FLORIDA

FM 426775-1-58-01

SARASOTA COUNTY, FLORIDA

FM 426776-1-58-01



MANATEE COUNTY
TRANSPORTATION
DEPARTMENT

UNIVERSITY PARKWAY
QUANTITY SHEET
FM426775-1-58-01 & FM426776-1-58-01

SUMMARY OF QUANTITIES				
ITEM NO.	GROUP NO.	DESCRIPTION	UNITS	QUANTITIES
1	101-1	MOBILIZATION	LS	1
2	SP 1	PROJECT SIGN	EA	2
3	102-1	MAINTENANCE OF TRAFFIC	LS	1
4	104-13-1	STAKED SILT FENCE	LF	18743
5	110-86	DELIVERY OF SALVAGEABLE MATERIAL TO MANATEE COUNTY	LS	1
6	327-70-5	2" PAVEMENT ROADWAY MILLING	SY	85110
7	334-1-13	SUPER PAVE 9.5 (1" FIRST LIFT)	TN	4435
8	337-7-32	FRICTION COURSE 9.5 (1" FINAL LIFT)	TN	4724
9	570-1-2	SODDING AND WATER	SY	9201
10	SP 2	AC INDEX	TN	9159
11	522-1	CONCRETE SIDEWALK	SY	4
12	536-85-24	INSTALL APPROACH PARALLEL END ANCHORAGE ASSEMBLY	EA	1
13	536-1	INSTALL GUARDRAIL PANELS	LF	98
14	536-73	REMOVE GUARDRAIL	LF	98
15	536-85-25	INSTALL TRAILING TYPE II END ANCHORAGE	EA	1
16	327-70-1	1" PAVEMENT SHOULDER MILLING	LF	9457
17	102-78	REFLECTIVE PAVEMENT MARKERS	EA	4000
18	102-107	TEMPORARY TRAFFIC DETECTION	PD	45
19	102-74-1	TEMPORARY BARRICADE	EA/PD	200
20	102-77	HIGH INTENSITY FLASHING LIGHTS	EA/PD	100
21	102-60	WORK ZONE SIGNS	EA/PD	22
22	102-76	PORTABLE ARROW BOARD	ED	45
23	102-99	VARIABLE MESSAGE SIGN PLACED IN ADVANCE OF STATIC WORK ZONE SIGNS	ED	45
24	162-1-11	PREPARED SOIL LAYER	SY	2040
25	SP 3	AS- BUILT QC AND VT CROSS SLOPE READINGS PER SPECS	LS	1
		SEE SIGNING AND MARKING ESTIMATE SHEET		

SUMMARY OF QUANTITIES				
ITEM NO.	GROUP NO.	DESCRIPTION	UNITS	QUANTITIES
1	101-1	MOBILIZATION	LS	1
2	SP 4	PROJECT SIGN	EA	2
3	102-1	MAINTENANCE OF TRAFFIC	LS	1
4	104-13-1	STAKED SILT FENCE	LF	18117
5	110-86	DELIVERY OF SALVAGEABLE MATERIAL TO MANATEE COUNTY	HR	840
6	327-70-5	2' PAVEMENT ROADWAY MILLING	SY	84164
7	334-1-13	SUPER PAVE 9.5 (1" FIRST LIFT)	TN	4442
8	337-7-32	FRICTION COURSE 9.5 (1" FINAL LIFT)	TN	4702
9	570-1-2	SODDING AND WATER	SY	10120
10	SP 2	AC INDEX	TN	9144
11	327-70-1	1" PAVEMENT SHOULDER MILLING	LF	9351
12	102-78	REFLECTIVE PAVEMENT MARKERS	EA	4000
13	102-107	TEMPORARY TRAFFIC DETECTION	PD	45
14	102-77	HIGH INTENSITY FLASHING LIGHTS	EA/PD	100
15	102-74-1	TEMPORARY BARRICADE	EA/PD	200
16	102-60	WORK ZONE SIGNS	EA/PD	22
17	102-76	PORTABLE ARROW BOARD	ED	45
18	102-99	VARIABLE MESSAGE SIGN PLACED IN ADVANCE OF STATIC WORK ZONE SIGNS	ED	45
19	SP 3	AS- BUILT QC AND VT CROSS SLOPE READINGS PER SPECS	LS	1
		SEE SIGNING AND MARKING ESTIMATE SHEET		

REVISION	DATE
BY	DATE
SURVEYED	
DESIGNED	
DRAWN	BM 04/09
CHECKED	

SCALE: 1" = 50'

SEAL

APPROVED BY:

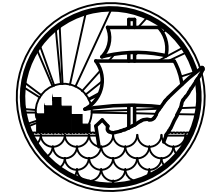
H. WAYNE ROBERTS, P.E.
 FLORIDA P.E. # 39612
 MANATEE COUNTY GOVERNMENT
 TRANSPORTATION DEPARTMENT
 1022 26TH AVENUE EAST
 BRADENTON, FL 34208

DATE

SHEET 2 OF 29

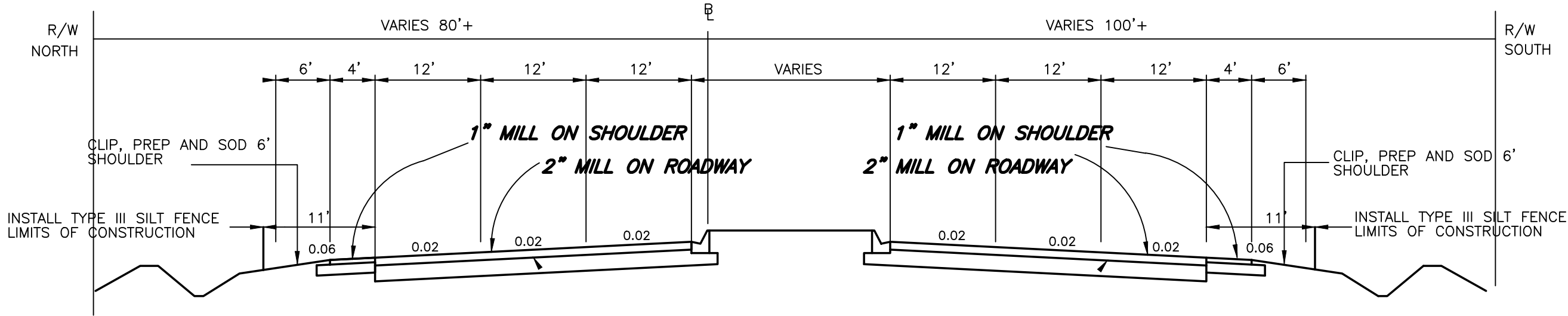
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**MANATEE COUNTY
TRANSPORTATION
DEPARTMENT**

**UNIVERSITY PARKWAY
TYPICAL SECTION
FM426775-1-58-01 & FM426776-1-58-01**



TYPICAL ROAD SECTION

MILLING

MILL EXISTING ROADWAY PAVEMENT (2" DEPTH)
MILL SHOULDER PAVEMENT (1" DEPTH)

RESURFACING

SUPERPAVE 9.5 1" L.O.S. "C" (PG 76-22)
FRICTION COURSE 9.5 1" LOS "C" (PG 76-22)

SHOULDER PAVEMENT

FRICTION COURSE 9.5 1" (PG 76-22)

TRAFFIC DATA

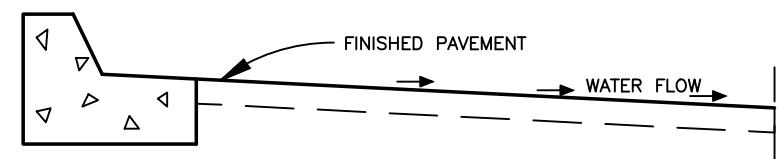
COUNT LOCATION FROM TUTTLE TO LOCKWOOD RIDGE ROAD
DESIGN SPEED = 50 MPH POSTED SPEED = 50 K = 0.095
CURRENT YEAR = 2009 ADT = 39807

TYPICAL ROAD SECTION @ SUPER ELEVATION

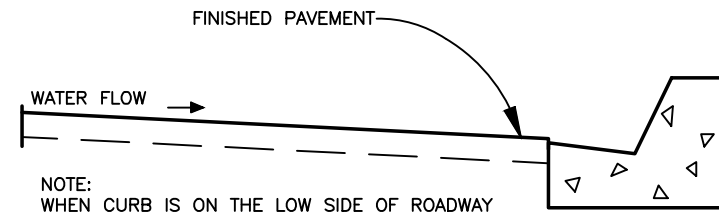
CROSS SLOPE

MATCH EXISTING ELEVATIONS IN SUPERELEVATION
HIGH END OF ELEVATION WITH NO CURB 0.02% SHOULDER SLOPE

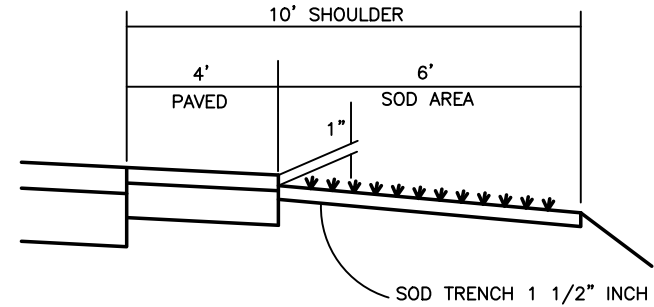
**FINISHED PAVEMENT ELEVATION
ALONG CURB**



NOTE:
WHEN CURB IS ON THE HIGH SIDE OF ROADWAY
THE FINISHED ASPHALT SURFACE SHALL BE
FLUSH WITH EXISTING LIP OF CURB

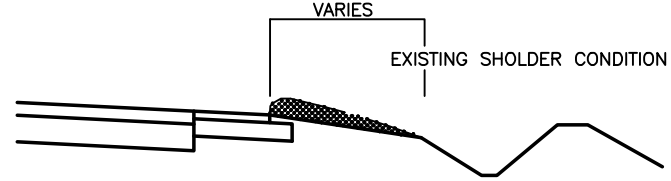


NOTE:
WHEN CURB IS ON THE LOW SIDE OF ROADWAY
THE FINISHED ASPHALT SURFACE SHALL BE
A 1/4" ABOVE THE LIP OF THE CURB

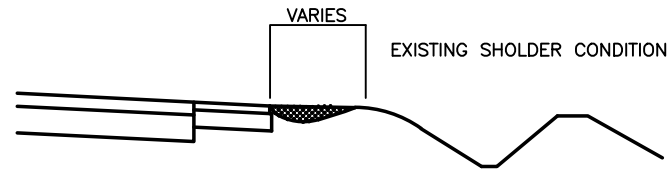


**TYPICAL SHOULDER SODDING
WHERE REQUIRED**

TYPICAL SHOULDER SECTION



CUT LEVEL WITH FINISH GRADE. SODDING WILL
BE REQUIRED IN ACCORDANCE WITH FDOT STANDARDS
SECTION 162 TOPSOIL AND SECTION 570-1 SODDING
CONTRACTOR TO REMOVE EXCESS MATERIAL FROM
SITE (NO SEPERATE PAY ITEM)



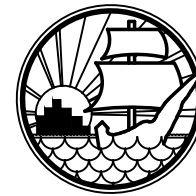
FILL TO MATCH FINISH GRADE. SODDING WILL BE REQUIRED
IN ACCORDANCE WITH FDOT STANDARDS SECTION 162 TOPSOIL
AND SECTION 570-1 SODDING. EXCESS MATERIAL REMOVED BY
CUT LEVEL MAY BE USED TO MEET THIS REQUIREMENT

REVISION	DATE
BY	DATE
SURVEYED	
DESIGNED	
DRAWN	BM 04/09
CHECKED	
SCALE: 1" = 50'	

SEAL

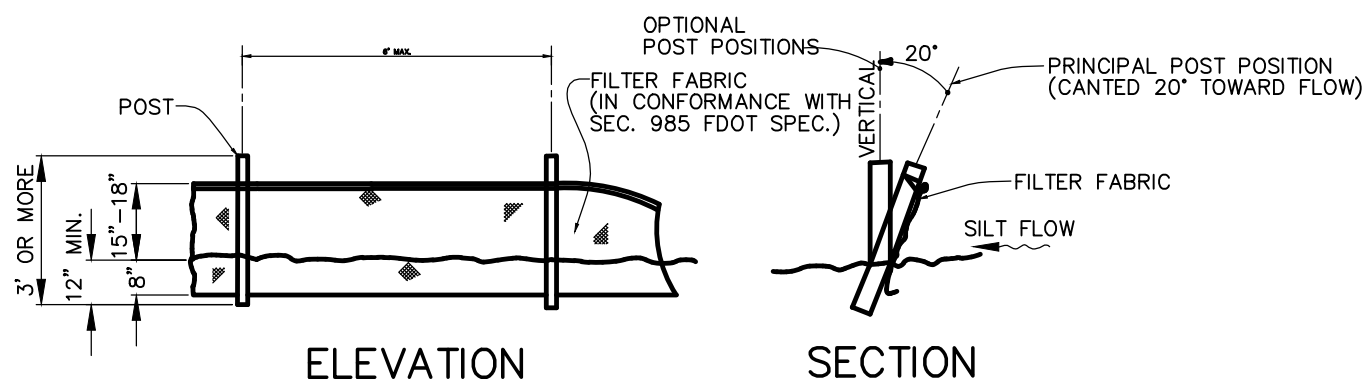
APPROVED BY:

E. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208



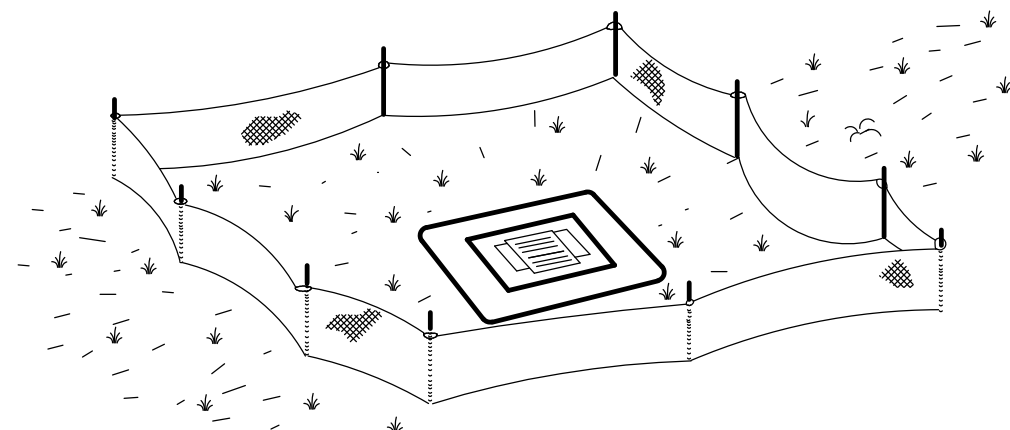
MANATEE COUNTY
TRANSPORTATION
DEPARTMENT

UNIVERSITY PARKWAY
SILT FENCE DETAIL
FM426775-1-58-01 & FM426776-1-58-01



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

TYPICAL SILT FENCE
FIGURE 2



TYPE ~~~ SILT FENCE PROTECTION
AROUND DITCH BOTTOM INLETS

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

REVISION	DATE
BY	DATE
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CHECKED	

SCALE: 1" = 50'

SEAL

APPROVED BY:

H. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1822 26TH AVENUE EAST
BRADENTON, FL. 34208

DATE

SHEET 4 OF 29

GENERAL NOTES

1. THE BENCH MARK DATUM IN PLANS IS BASED ON NGVD 1929.
2. EXISTING SUPERELEVATION RATES TO BE MAINTAINED UNLESS OTHERWISE SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
3. DURING CONSTRUCTION, ANY MANHOLE WITH A TOP ELEVATION OF 1" OR MORE ABOVE THE ADJACENT PAVEMENT SHALL HAVE A TEMPORARY ASPHALT APRON CONSTRUCTED AS SHOWN IN INDEX 600. WHEN THE POSTED SPEED LIMIT IS 50 MPH OR LESS AND THE CONDITION IS EXPECTED TO LAST LESS THAN 24 HOURS, THE ENGINEER MAY WAIVE THE APRON REQUIREMENT. THIS REQUIREMENT MAY NOT BE WAIVED WHEN THE ELEVATION DIFFERENCE EXCEEDS ONE INCH.
THE SAME CRITERIA STATED ABOVE SHALL APPLY TO DIFFERENCES IN ELEVATION AT THE BEGINNING OR END OF ANY MILLING ACTIVITIES, AS WELL AS ANY LONGITUDINAL JOINTS WITHIN THE LIMITS OF SIGNALIZED INTERSECTIONS.
ALL OTHER DIFFERENCES IN ELEVATION, AS WELL AS REMOVAL AND PAYMENT FOR APRONS SHALL BE PER INDEX 600.
4. ALL PAVED INTERSECTIONS TO BE RESURFACED TO THE FARTHEST RADIUS RETURN UNLESS OTHERWISE SHOWN IN THE PLANS OR OTHERWISE DIRECTED BY THE ENGINEER.
5. TRAFFIC SHALL NOT BE ALLOWED ON ANY MILLED SURFACE UNLESS SPECIFICALLY DESIGNATED OTHERWISE. THE CONTRACTOR MAY ONLY MILL THAT AMOUNT OF ROADWAY THAT CAN BE REPAVED IN A SINGLE DAY'S OPERATIONS.
6. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
7. CONSIDER THE SEASONAL VARIATIONS IN GROWTH RATE WHEN DETERMINING THE NUMBER OF MOWING CYCLES FOR BIDDING PURPOSES. ALL UNDISTURBED AND PERFORMANCE TURF AREAS WITHIN THE ENTIRE RIGHT OF WAY WIDTH ARE TO BE MOWED AT THE SAME FREQUENCY AS REQUIRED FOR SODDED AREAS.
8. THE LOCATION (S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATION/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS OF ANY EXCAVATION OR DEMOLITION ACTIVITY THROUGH SUNSHINE ONE-CALL OF FLORIDA, INC (1-800-432-4770) AND SHALL ALSO NOTIFY THOSE UTILITY OWNERS/AGENCIES LISTED WITHIN OR IMPACTED BY THESE PLANS, NOT LESS THAN TWO (2) FULL BUSINESS DAYS IN ADVANCE OF THE BEGINNING OF CONSTRUCTION ON THE JOB SITE.
9. ALL TRAFFIC CONTROL SHALL CONFORM TO THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS FOR DESIGN, SERIES 600: MOST CURRENT EDITION AND THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS MOST CURRENT EDITION
10. THE COUNTY WILL RETAIN ALL MATERIALS PRODUCED FROM THE MILLING PROCESS. THE CONTRACTOR SHALL HAUL SUCH MATERIAL TO COUNTY PROPERTY.
EAST BOUND LANES HAULED TO DAM ROAD BRADENTON 16 MILES
WEST BOUND LANES HAULED TO ERIE ROAD PARRISH 16 MILES
11. THE HOURS OF OPERATION FOR THIS PROJECT WILL BE FROM 7:00 PM TO 7:00 AM MONDAY THRU SATURDAY EXCLUDING NATIONAL HOLIDAYS.
12. THE CONTRACTOR SHALL SEPARATE PAY ITEMS USING THE FOLLOWING CRITERIA
FM # 426775-1-58-01 (MANATEE COUNTY) SHALL BE FROM US 301 TO I-75 WEST BOUND LANES
FM # 426775-1-58-01 (SARASOTA COUNTY) SHALL BE FROM US 301 TO I-75 EAST BOUND LANES

UTILITY/AGENCIES OWNERS

CITY OF BRADENTON MR. STEVE SIBERT 1411 9TH STREET, WEST BRADENTON, Florida 34205 941-748-0800	MANATEE CO. UTIL. OPERATIONS MS. KATHY MC MAHON 4422-C 66TH STREET WEST BRADENTON, FLORIDA 34210 941-792-8811, EXT. 5002	SARASOTA CO. UTIL. OPERATIONS TBD ADDRESS SARASOTA, FLORIDA 34210 PHONE
FLORIDA POWER & LIGHT MR. TRACY STERN 10705 QUAIL ROOST DR MIAMI, FLORIDA 33157 305-229-7987	BRIGHT HOUSE NETWORKS MS. JOHN PUGH 5413 SR 64, EAST BRADENTON, FLORIDA 34208 941-345-1314, EXT. 21314	SARASOTA COUNTY TRAFFIC OPERATIONS TBD ADDRESS SARASOTA, FLORIDA PHONE
VERIZON FLORIDA, INC. MS. PAM COTE 146 ORANGE PLACE MAITLAND, FLORIDA 32751 407-539-0644	TECO - PEOPLES GAS MR. ANGEL QUANT 5101 NW 21ST AVE. FT. LAUDERDALE, FLOIRDA 33309 954-453-0811	SARASOTA ROAD DEPARTMENT TBD ADDRESS SARASOTA, FLOIRDA PHONE
MANATEE CO. TRANSP. DEPT. MR. DAVID L. DAVIS P.O. BOX 1000 BRADENTON, FLORIDA 34206-1000 941-708-7213, EXT. 3342	BRIGHT HOUSE NETWORKS, LLC MS. KATHY MC DONALD 30432 SR 54 WESLEY CHAPEL, FLORIDA 33543 813-862-0522, EXT. 84402	SARASOTA COUNTY PROJECT MANAGER ADDRESS SARASOTA, FLORIDA PHONE

CONSTRUCTION PRECAUTIONS FOR THE FLORIDA SANDHILL CRANE

THIS PROJECT EXISTS IN AN AREA POTENTIALLY UTILIZED BY NESTING SANDHILL CRANES. IF WORK IS PLANNED TO OCCUR DURING THE NESTING SEASON (JANUARY THROUGH JULY), A QUALIFIED BIOLOGIST, APPROVED BY FDOT MUST BE HIRED. SURVEYS FOR ACTIVE SANDHILL CRANE NESTS SHOULD OCCUR NO SOONER THAN TWO WEEKS BEFORE JANUARY AND CONTINUE THROUGHOUT THE NESTING SEASON AS DETERMINED BY THE QUALIFIED BIOLOGIST. THIS SURVEY PROTOCOL SHALL BE IMPLEMENTED THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT WHEN CONSTRUCTION ACTIVITIES WILL OCCUR DURING THE SANDHILL CRANE NESTING SEASON.

NO CONSTRUCTION IS TO OCCUR WITHIN 400 FEET OF THE SANDHILL CRANE NEST(S) LOCATION DURING THE INITIAL AND SUBSEQUENT NESTING SEASONS (JANUARY THROUGH JULY). IF AN ACTIVE CRANE NEST(S) IS LOCATED WITHIN 400 FEET OF THE PROJECT LIMITS, THE CONTRACTOR, IN COORDINATION WITH THE FDOT CONSTRUCTION PROJECT MANAGER, SHALL CONTACT THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION IMMEDIATELY FOR FURTHER INSTRUCTION. CONSTRUCTION ACTIVITIES WITHIN 400 FEET OF THE NEST SHALL CEASE UNTIL APPROVAL IS RECEIVED FROM THE FDOT CONSTRUCTION PROJECT MANAGER. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PREFORM ANY ADDITIONAL MONITORING OR OTHER ACTIVITIES REQUIRED BY THE WILDLIFE AGENCY AT THEIR OWN EXPENSE.

THE CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH CONSTRUCTION SEQUENCING TO AVOID ACTIVE NEST SITES AND MONITORING OF NEST SITES IN THEIR BID FOR THIS PROJECT.

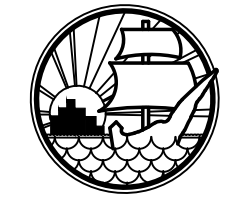
THE CONTRACTOR, IN COORDINATION WITH THE FDOT CONSTRUCTION PROJECT MANAGER, SHALL ALSO BE RESPONSIBLE FOR DEVELOPING AND CARRYING OUT ANY MANAGEMENT PLAN(S)/AGREEMENT(S) WITH APPROPRIATE REGULATORY AGENCIES DUE TO THE OCCURRENCE OF UNEXPECTED SPECIES. SUCH SPECIES ARE ANY OTHER PROTECTED SPECIES NOT MENTIONED ABOVE THAT ARE IDENTIFIED DURING THE CONSTRUCTION OF THE PROJECT WHICH WERE NOT PREVIOUSLY IDENTIFIED DURING THE PRE- CONSTRUCTION SURVEY. THE MANAGEMENT PLAN(S)/AGREEMENT(S) WOULD ALLOW FOR CONSTRUCTION TO OCCUR THAT DOES NOT "ADVERSELY AFFECT OR JEOPARDIZE" THE SPECIES IN ACCORDANCE WITH THE ENDANGERED SPECIES ACT. THE CONTRACTOR, IN COORDINATION WITH THE FDOT CONSTRUCTION PROJECT MANAGER, SHALL ALSO BE RESPONSIBLE FOR MAKING ANY MODIFICATIONS TO THE PROPOSED MANAGEMENT PLAN(S)/AGREEMENT(S) TO ASSURE LISTED SPECIES REMAIN UNAFFECTED WITH THE APPROPRIATE REGULATORY AGENCIES.

CONSTRUCTION PRECAUTIONS FOR THE EASTERN INDIGO SNAKE

THE EASTERN INDIGO SNAKE (DRYMARCHON CORAIS COUPERI) COULD BE PRESENT IN THE PROJECT AREA. IN ORDER TO MINIMIZE HARM TO THIS SPECIES, THE FDOT HAS COMMITTED TO IMPLEMENT THE FOLLOWING PROTECTION MEASURES:

- A. PROVIDE EASTERN INDIGO SNAKE EDUCATIONAL INFORMATION TO EMPLOYEES PRIOR TO THE INITIATION OF ANY CLEARING OR CONSTRUCTION ACTIVITIES. AN EDUCATIONAL EXHIBIT THAT HAS BEEN APPROVED BY USFWS SHALL BE POSTED CONSPICUOUSLY AT A SITE ACCESSIBLE TO ALL EMPLOYEES AND A HANDOUT WILL BE DISTRIBUTED TO EMPLOYEES.
- B. THE CONTRACTOR SHALL POST AND DISTRIBUTE EDUCATIONAL INFORMATION TO ALL ITS WORKERS. THE EXHIBIT AND BROCHURES SHALL INCLUDE PHOTOGRAPHS OF THE EASTERN INDIGO SNAKE, INFORMATION ON LIFE HISTORY, AND LEGAL PROTECTION OF THE SPECIES IN FLORIDA, AND HOW TO AVOID IMPACTS TO THE SPECIES. THIS MATERIAL SHALL BE SUPPLIED TO THE CONTRACTOR BY THE CONSTRUCTION ENVIRONMENTAL LIAISON AT THE PRE-CONSTRUCTION CONFERENCE.

THE CONTRACTOR, IN COORDINATION WITH THE FDOT CONSTRUCTION PROJECT MANAGER, SHALL ALSO BE RESPONSIBLE FOR DEVELOPING AND CARRYING OUT ANY MANAGEMENT PLAN(S)/AGREEMENT(S) WITH APPROPRIATE REGULATORY AGENCIES DUE TO THE OCCURRENCE OF UNEXPECTED SPECIES. SUCH SPECIES ARE ANY OTHER PROTECTED SPECIES NOT MENTIONED ABOVE THAT ARE IDENTIFIED DURING THE CONSTRUCTION OF THE PROJECT WHICH WAS NOT PREVIOUSLY IDENTIFIED DURING THE PRE-CONSTRUCTION SURVEY. THE MANAGEMENT PLAN(S)/AGREEMENT(S) WOULD ALLOW FOR CONSTRUCTION TO OCCUR THAT DOES NOT "ADVERSELY AFFECT OR JEOPARDIZE" THE SPECIES IN ACCORDANCE WITH THE ENDANGERED SPECIES ACT. THE CONTRACTOR, IN COORDINATION WITH THE FDOT CONSTRUCTION PROJECT MANAGER, SHALL ALSO BE RESPONSIBLE FOR MAKING ANY MODIFICATIONS TO THE PROPOSED MANAGEMENT PLAN(S)/AGREEMENT(S) TO ASSURE LISTED SPECIES REMAIN UNAFFECTED WITH THE APPROPRIATE REGULATORY AGENCIES. THE CONTRACTOR SHALL INCLUDE IN THE BID FOR THIS PROJECT, ALL COSTS ASSOCIATED WITH WILDLIFE SURVEYS, MONITORING, CONSTRUCTION SEQUENCING AND OTHER MITIGATIVE MEASURES.



**MANATEE COUNTY
TRANSPORTATION
DEPARTMENT**

**UNIVERSITY PARKWAY
GENERAL NOTES
FM426775-1-58-01 & FM426776-1-58-01**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISION	DATE
BY	DATE
SURVEYED	
DESIGNED	
DRAWN	BM 04/09
CHECKED	

SCALE: 1" = 50'

SEAL

APPROVED BY:

**H. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1822 26TH AVENUE EAST
BRADENTON, FL 34208**

DATE

SHEET 5 OF 29

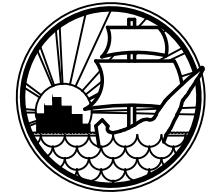
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Sheet Title: _____
File No: _____
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SUMMARY OF GUARDRAIL

LOCATION	GUARDRAIL (LF)								END ANCHORAGE ASSEMBLY (EA)								SPECIAL POSTS (EA)	SPECIAL POSTS LENGTH (EA)	SHOP BENT PANELS (LF)	REMARKS	FIELD BOOK REFERENCE		
	ROADWAY				REMOVAL				FLARED		PARALLEL		TYPE "		BRIDGE								
	STANDARD		THRIE	BEAM					P	F	P	F	P	F	P	F							
STATION	SIDE	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F						
FROM 329+49 TO 330+50	LT.	101								1		1						6'6"					

SUMMARY OF STAKED SILT FENCE

STATION TO STATION	SIDE	LENGTH
TYPE III SILT FENCE		
STA. 115+00 DITCH BOTTOM INLET	MEDIAN	40'
STA. 120+10 DITCH BOTTOM INLET	MEDIAN	40'
STA. 127+49 DITCH BOTTOM INLET	MEDIAN	40'
STA. 132+20 DITCH BOTTOM INLET	MEDIAN	40'
STA. 193+37 DITCH BOTTOM INLET	MEDIAN	40'
STA. 197+31 DITCH BOTTOM INLET	MEDIAN	40'
STA. 324+33 DITCH BOTTOM INLET	MEDIAN	40'
STA. 331+12 DITCH BOTTOM INLET	MEDIAN	40'
STA. 336+11 DITCH BOTTOM INLET	MEDIAN	40'
STA. 108+50 TO STA 175+40	NORTH	5450'
STA. 108+50 TO STA 173+45	SOUTH	5310'
STA. 187+93 TO STA 225+42	NORTH	3509'
STA. 185+42 TO STA 227+81	SOUTH	3899'
STA. 247+18 TO STA 315+24	NORTH	6526'
STA. 245+73 TO STA 315+24	SOUTH	6631'
STA. 321+73 TO STA 341+11	NORTH	1938'
STA. 327+14 TO STA 341+11	SOUTH	1317'
STA. 343+40 TO STA 354+92	NORTH	960'
STA. 343+40 TO STA 354+92	SOUTH	960'
NOTE: PLACE TYPE III SILT FENCE 7' OFF PAVED SHOULDER		



**MANATEE COUNTY
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DEPARTMENT**

**UNIVERSITY PARKWAY
SUMMARY OF QUANTITIES
FM426775-1-58-01 & FM426776-1-58-01**

REVISION	DATE
BY	DATE
SURVEYED	
DESIGNED	
DRAWN	BM 04/09
CHECKED	

SCALE: 1" = 50'

SEAL

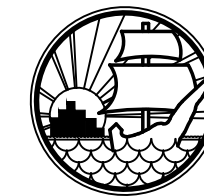
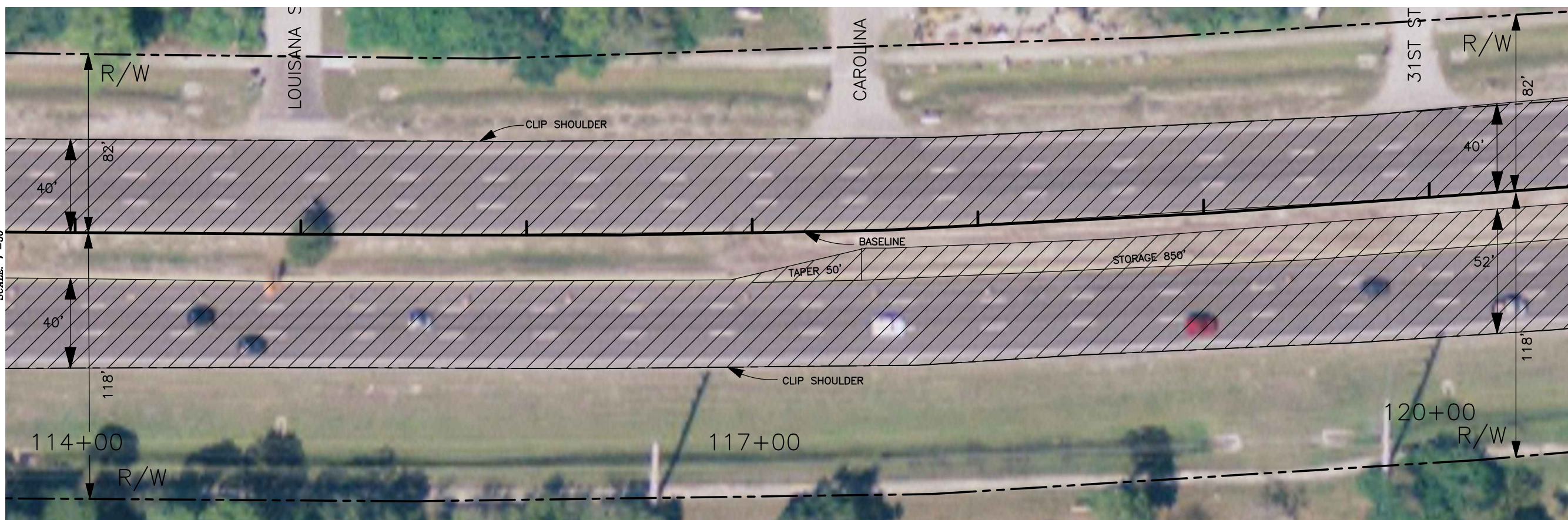
APPROVED BY:

**H. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
102 26TH AVENUE EAST
BRADENTON, FL 34208**

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 LIMITS OF MILL AND RESURFACE



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**UNIVERSITY PARKWAY
US 301 TO I-75
FM426775-1-58-01 & FM426776-1-58-01**

REVISION	DATE
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DESIGNED	
DRAWN	BM 04/09
CHECKED	

SCALE: 1" = 50'

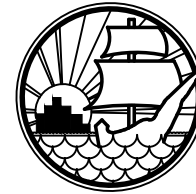
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FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
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BRADENTON, FL 34208**

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SHEET 7 OF 29



MANATEE COUNTY
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**UNIVERSITY PARKWAY
US 301 TO I-75
FM 426775-1-58-01 & 426776-1-58-01**



 LIMITS OF MILL AND RESURFACE

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DESIGNED	
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CHECKED	

SCALE: 1" = 50'

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FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1821 26TH AVENUE EAST
BRADENTON, FL 34208

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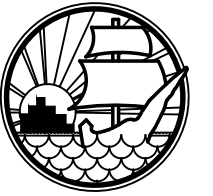
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 LIMITS OF MILL AND RESURFACE



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FLORIDA P.E. # 3962
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TRANSPORTATION DEPARTMENT
1822 25TH AVENUE EAST
BRADENTON, FL 34208

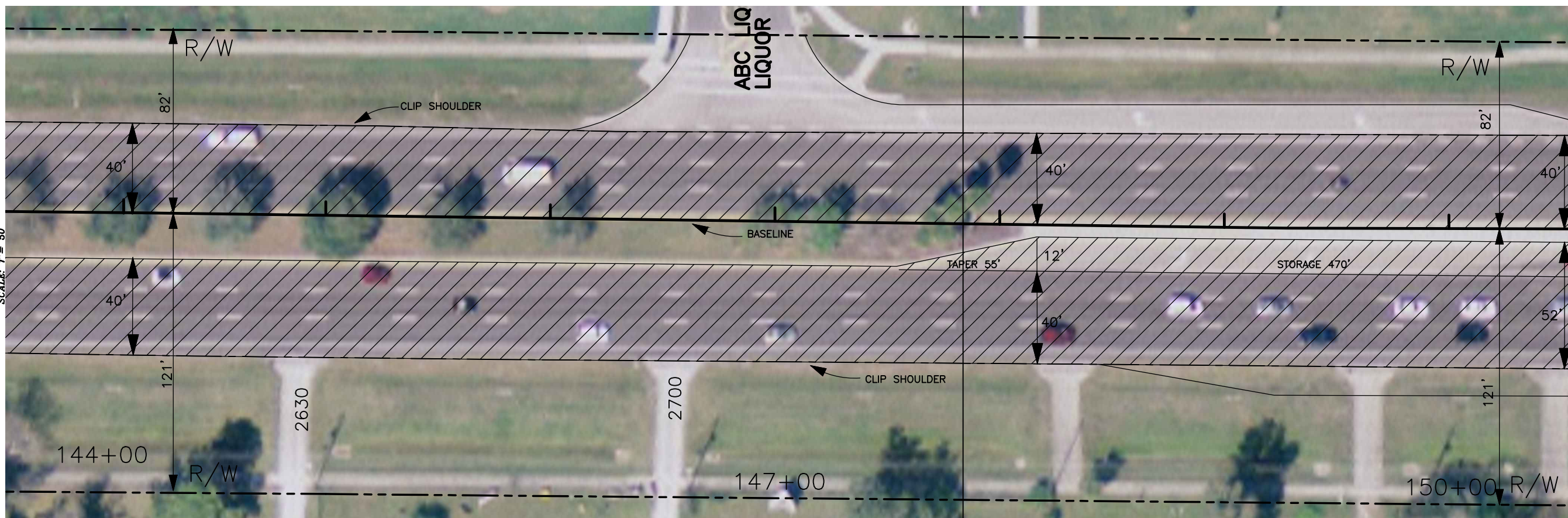
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	BY	DATE

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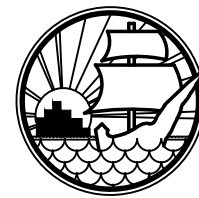
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FLORIDA P.E. # 2902
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BRADENTON, FL 34208

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SHEET 10 OF 29



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US 301 TO I-75
FM 426775-1-58-01 & 426776-1-58-01

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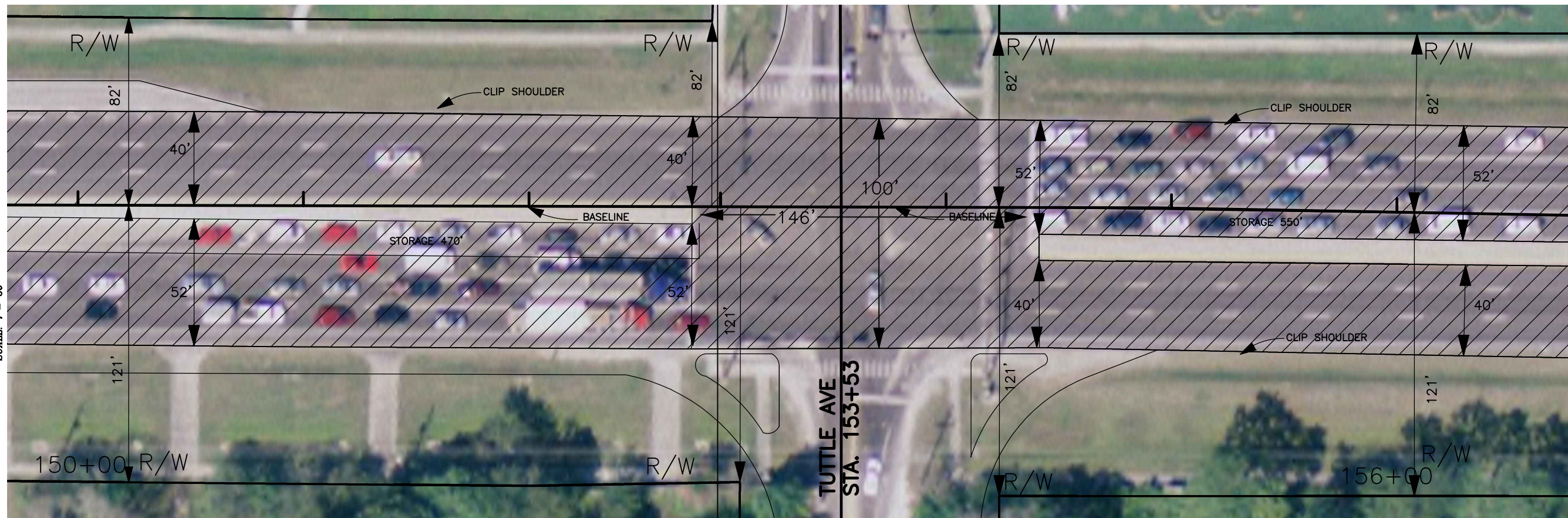
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FLORIDA P.E. # 39612
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1822 26TH AVENUE EAST
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SHEET 11 OF 29



 LIMITS OF MILL AND RESURFACE



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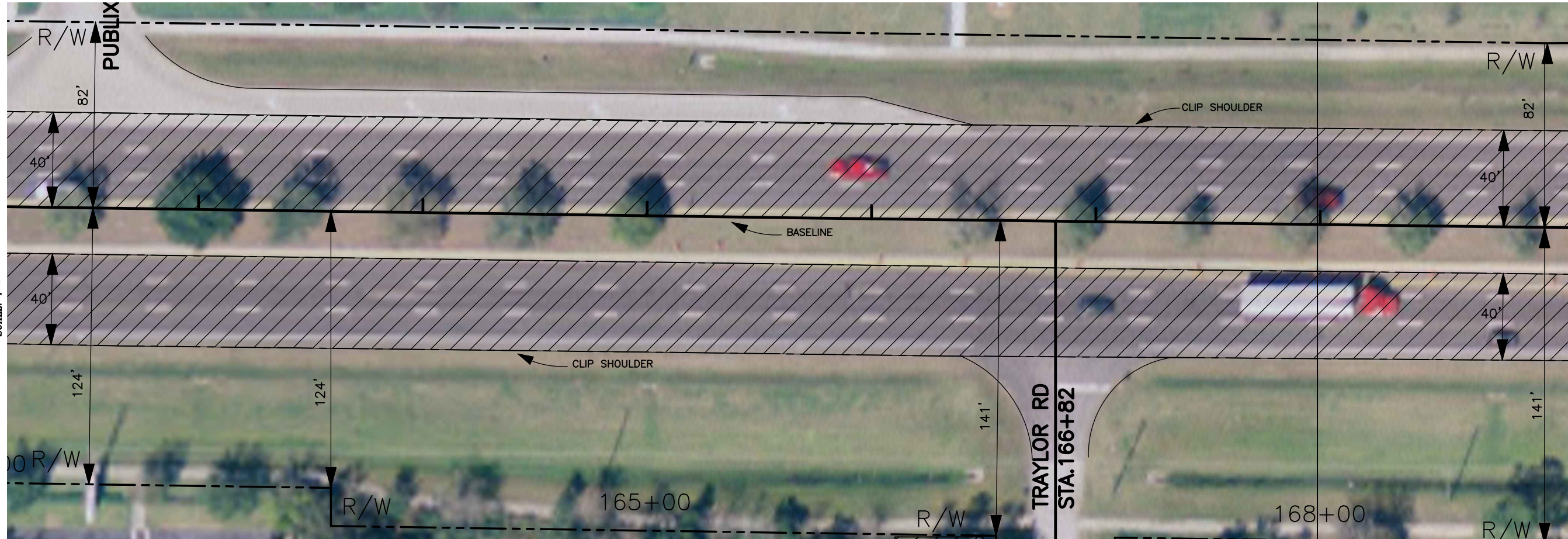
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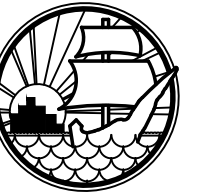
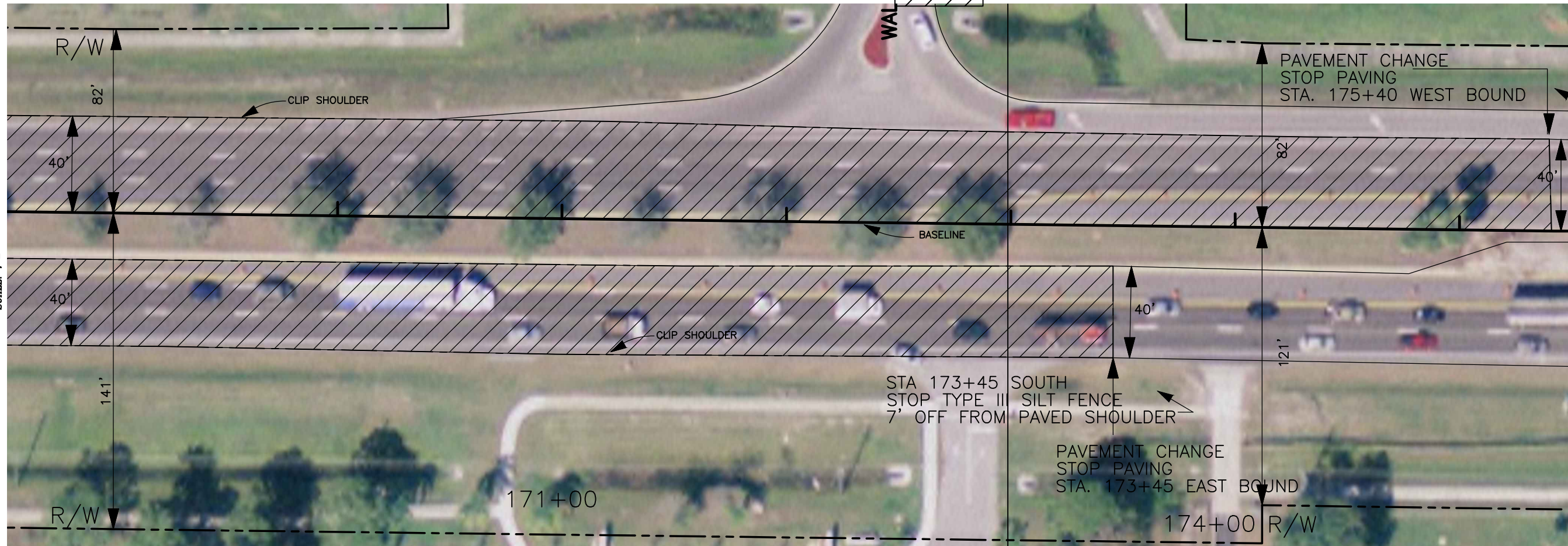
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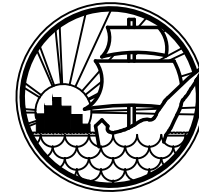
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BRADENTON, FL 34208**

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SHEET 12 OF 29



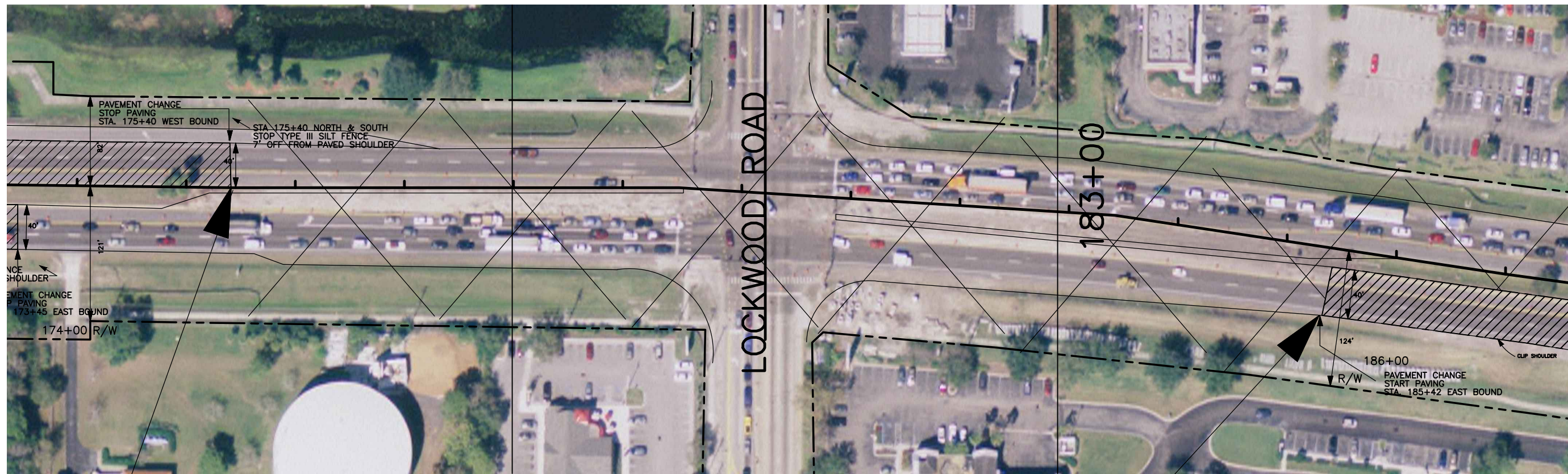
MANATEE COUNTY
TRANSPORTATION
DEPARTMENT

INTERSECTION OF LOCKWOOD ROAD NOT PART OF RESURFACING LIMITS

UNIVERSITY PARKWAY

US 301 TO I-75

FM 426775-1-58-01 & 426776-1-58-01



STOP PAVING
STA. 175+40



START PAVING
STA. 185+45

REVISION	DATE
BY	DATE
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SCALE: 1" = 50'

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BRADENTON, FL 34208

DATE

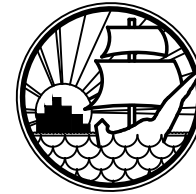
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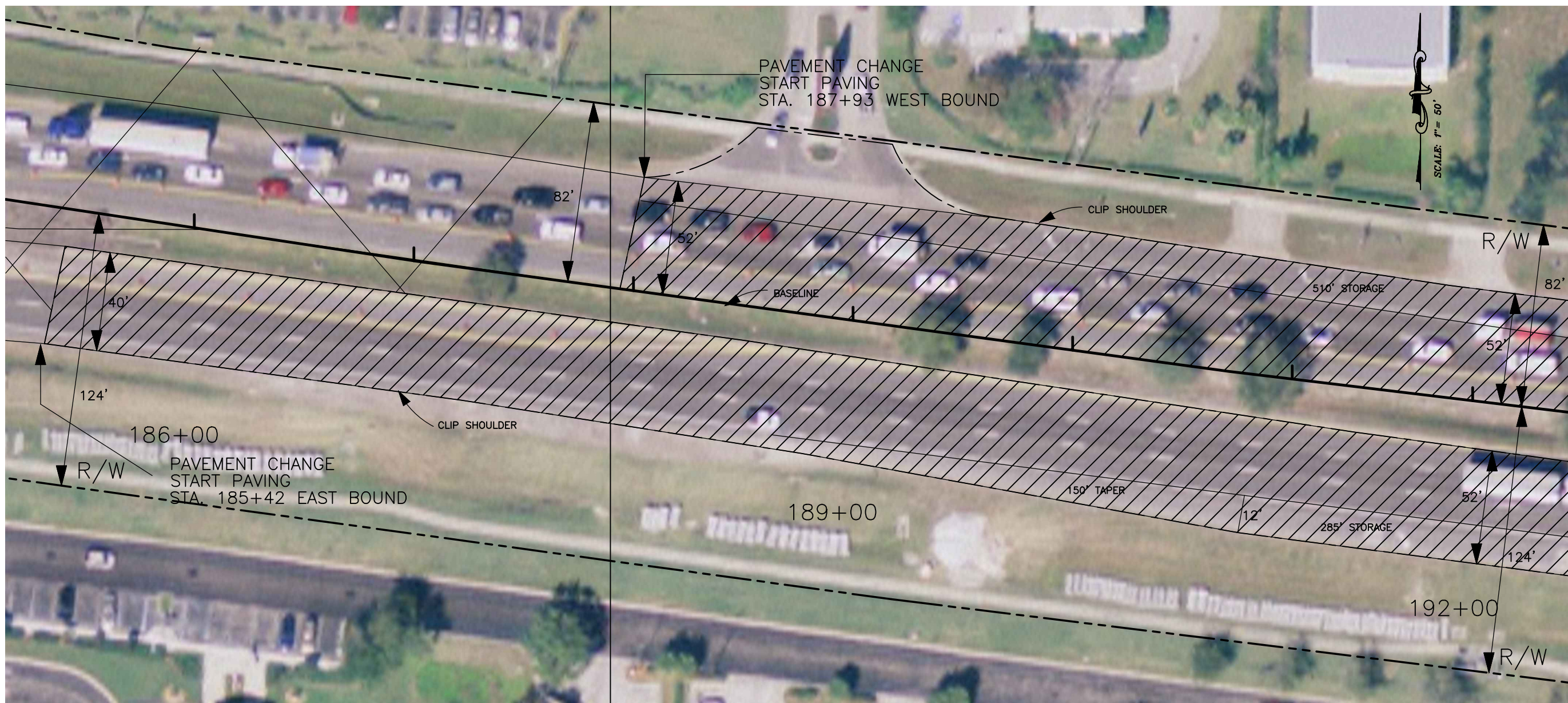
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SCALE: 1" = 50'

 LIMITS OF MILL AND RESURFACE

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BRADENTON, FL 34208

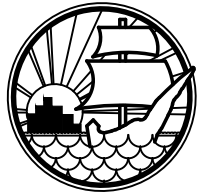
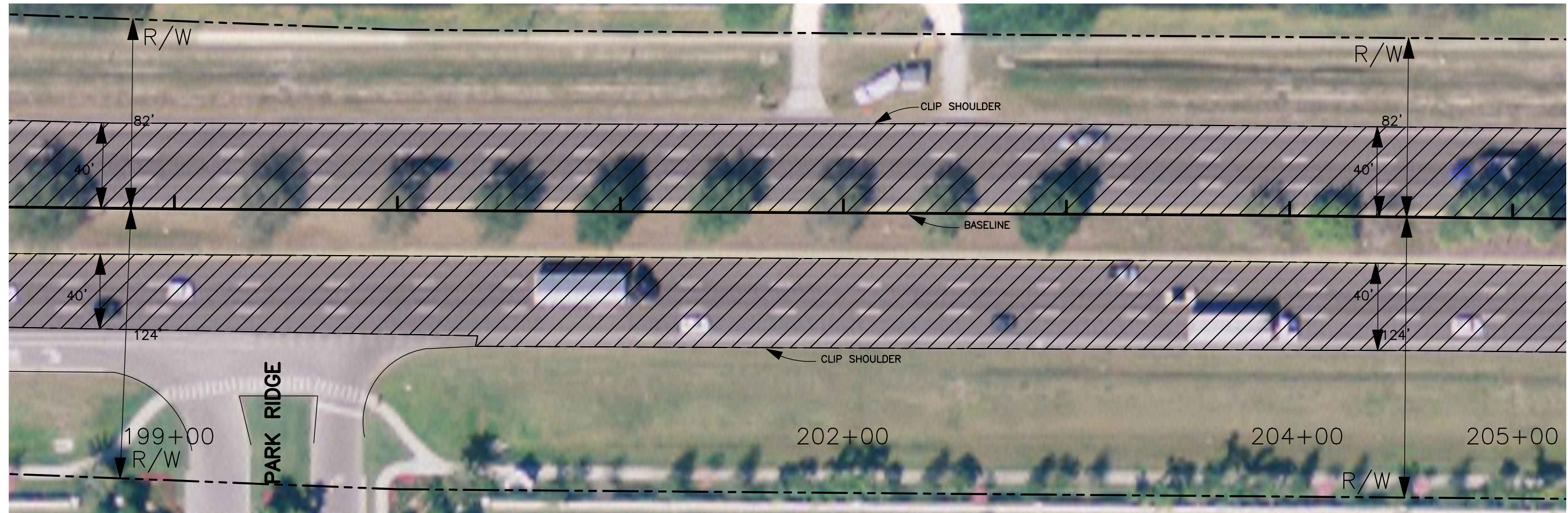
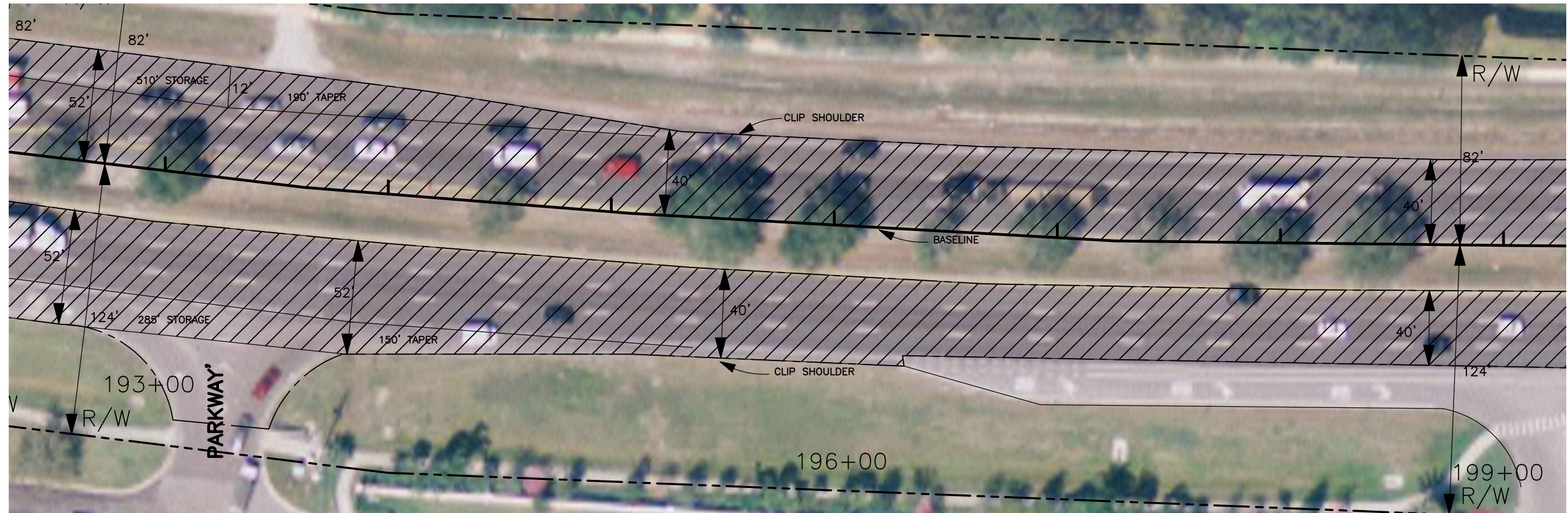
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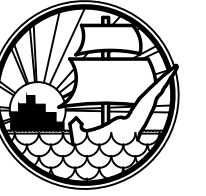
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FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
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1022 26TH AVENUE EAST
BRADENTON, FL 34208**

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SHEET 15 OF 29



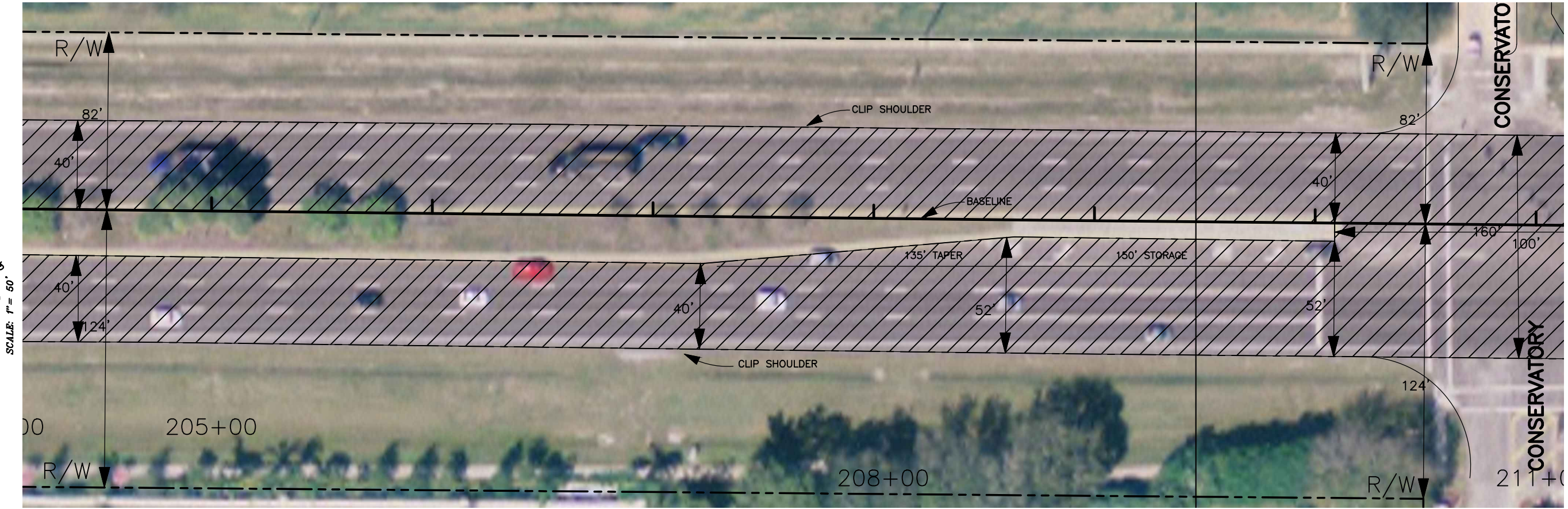
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FM 426775-1-58-01 & 426776-1-58-01**

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LIMITS OF MILL AND RESURFACE



SCALE: 1" = 50'

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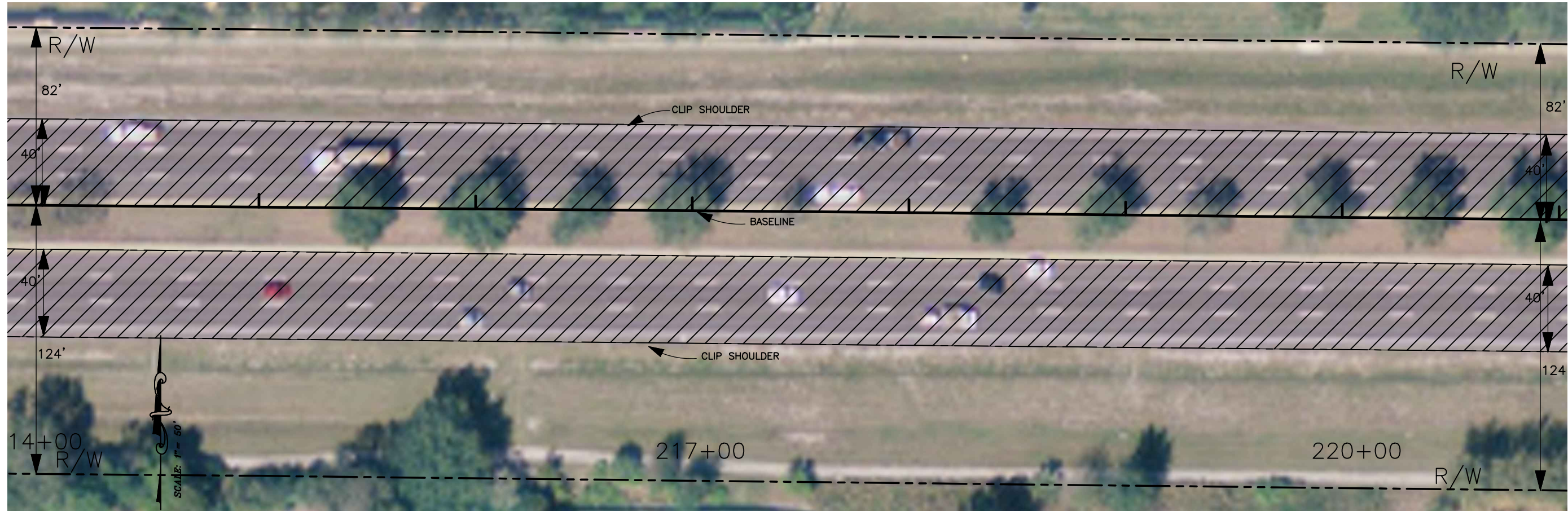
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FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1422 26TH AVENUE EAST
BRADENTON, FL 34208

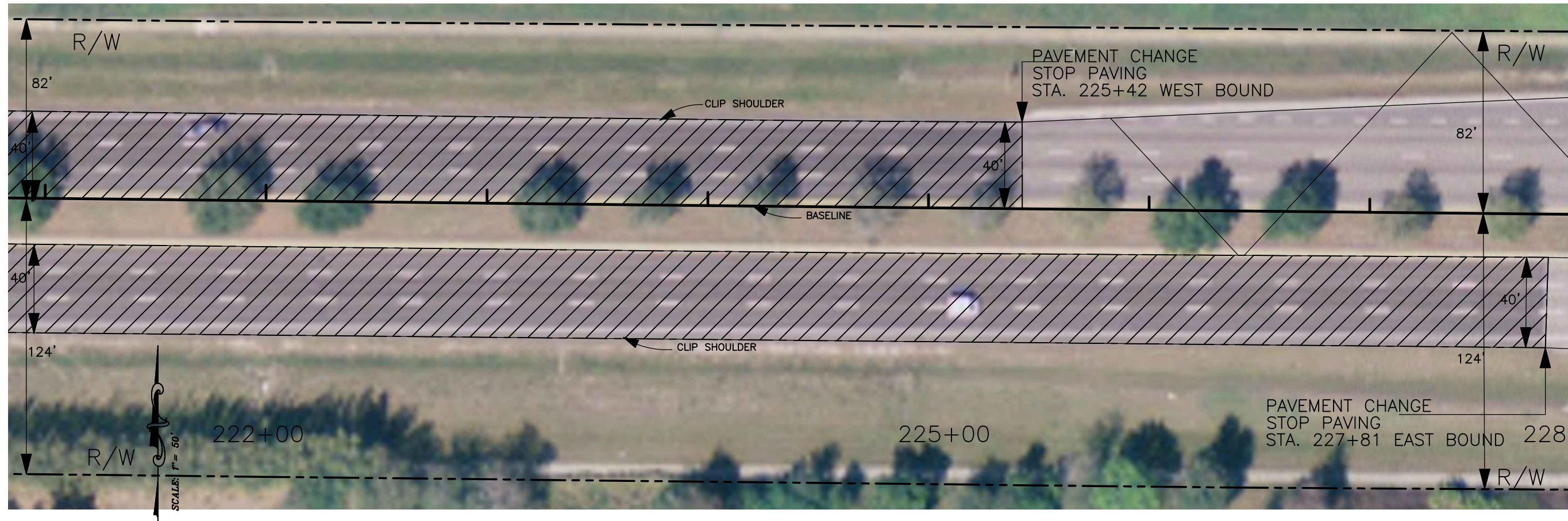
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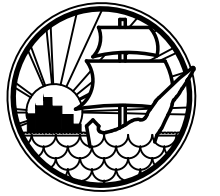
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FLORIDA P.E. # 39612
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TRANSPORTATION DEPARTMENT
1822 26TH AVENUE EAST
BRADENTON, FL 34208

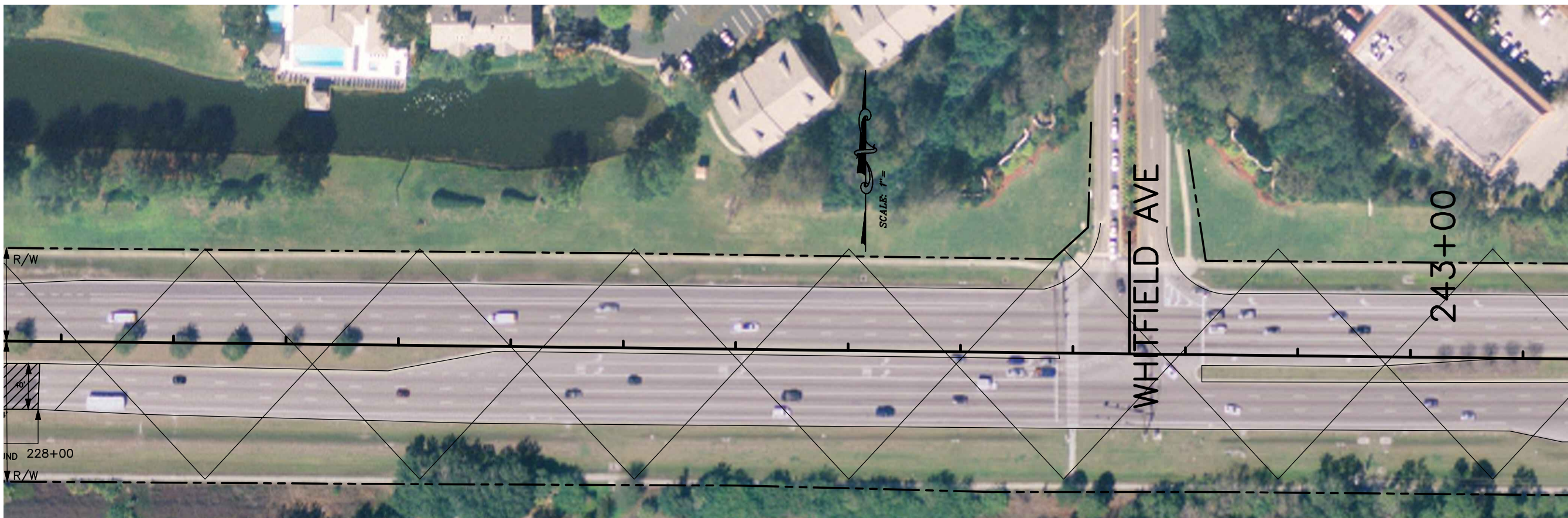
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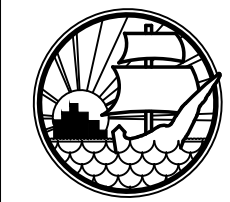
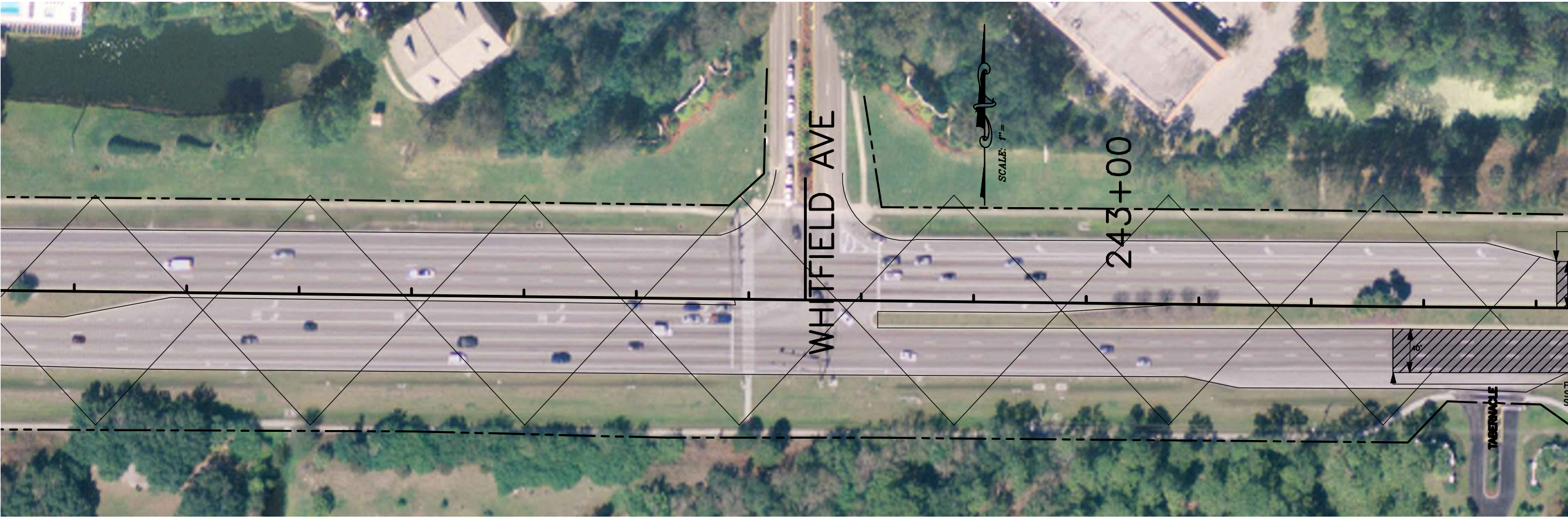
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**UNIVERSITY PARKWAY
US 301 TO I-75
FM 426775-1-58-01 & 426776-1-58-01**

REVISION	DATE

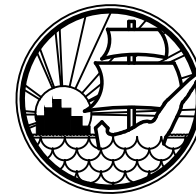
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APPROVED BY:

**E. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1822 26TH AVENUE EAST
BRADENTON, FL. 34208**

DATE

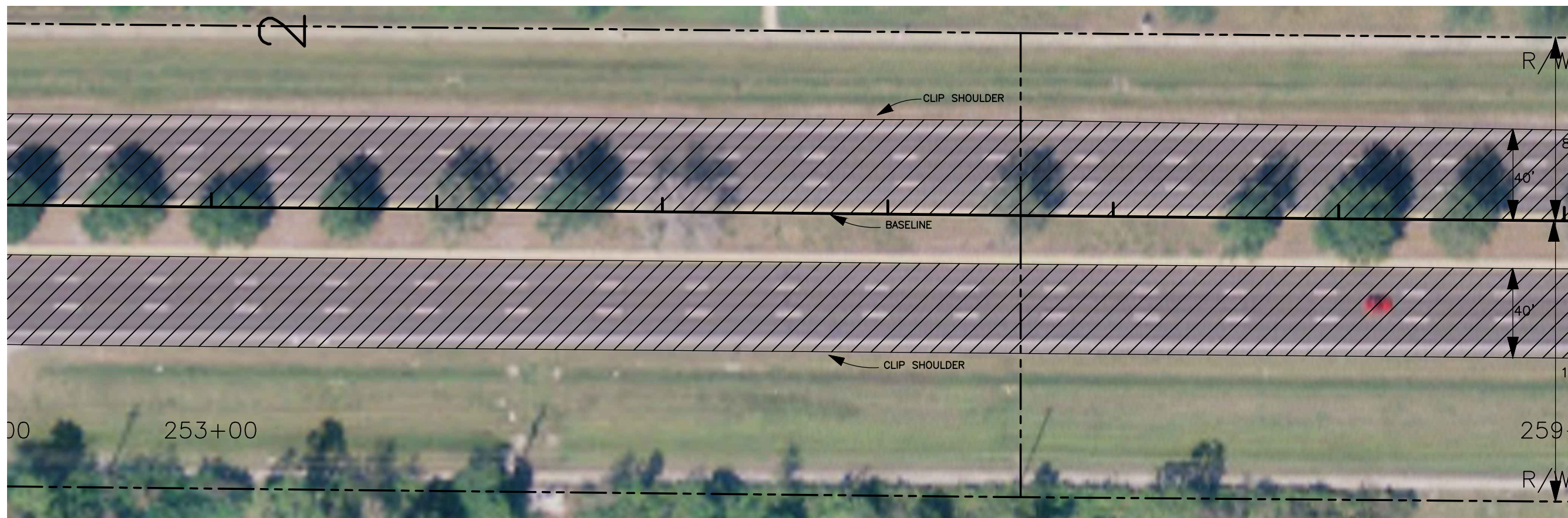


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US 301 TO I-75
FM 426775-1-58-01 & 426776-1-58-01**



LIMITS OF MILL AND RESURFACE



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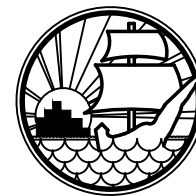
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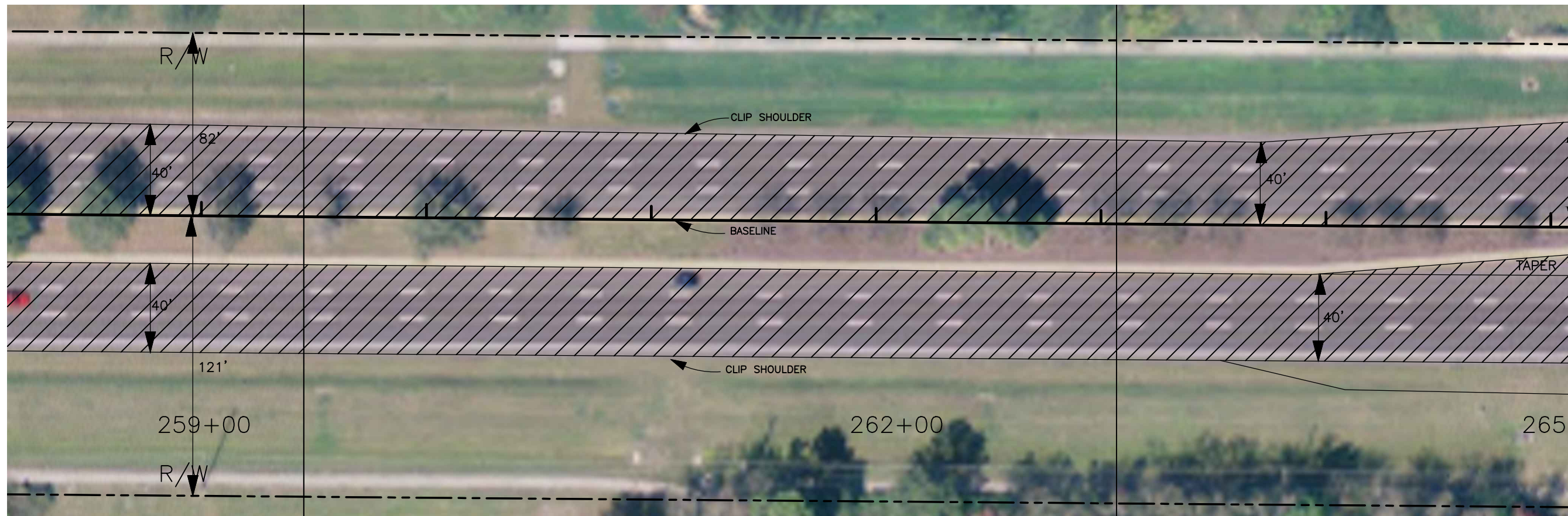
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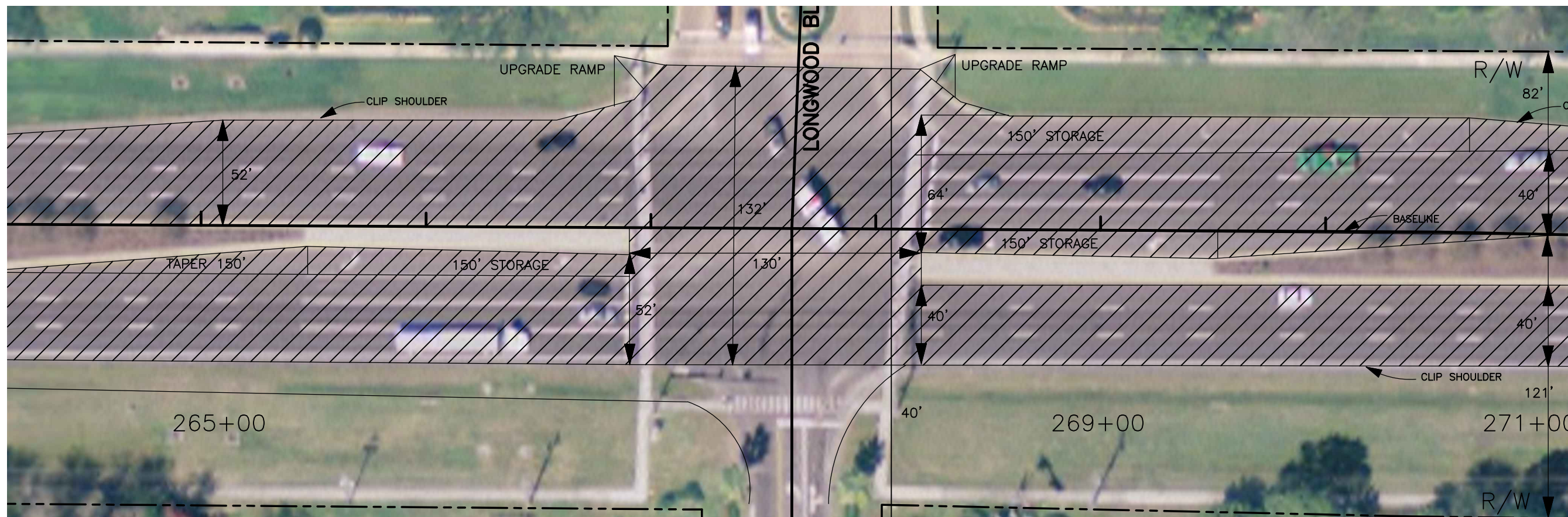


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FM 426775-1-58-01 & 426776-1-58-01**



 LIMITS OF MILL AND RESURFACE



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Sheet Title:

SCALE: 1" = 50'

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SCALE: 1" = 50'

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1822 26TH AVENUE EAST
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SHEET 20 OF 29

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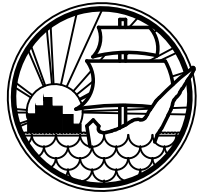
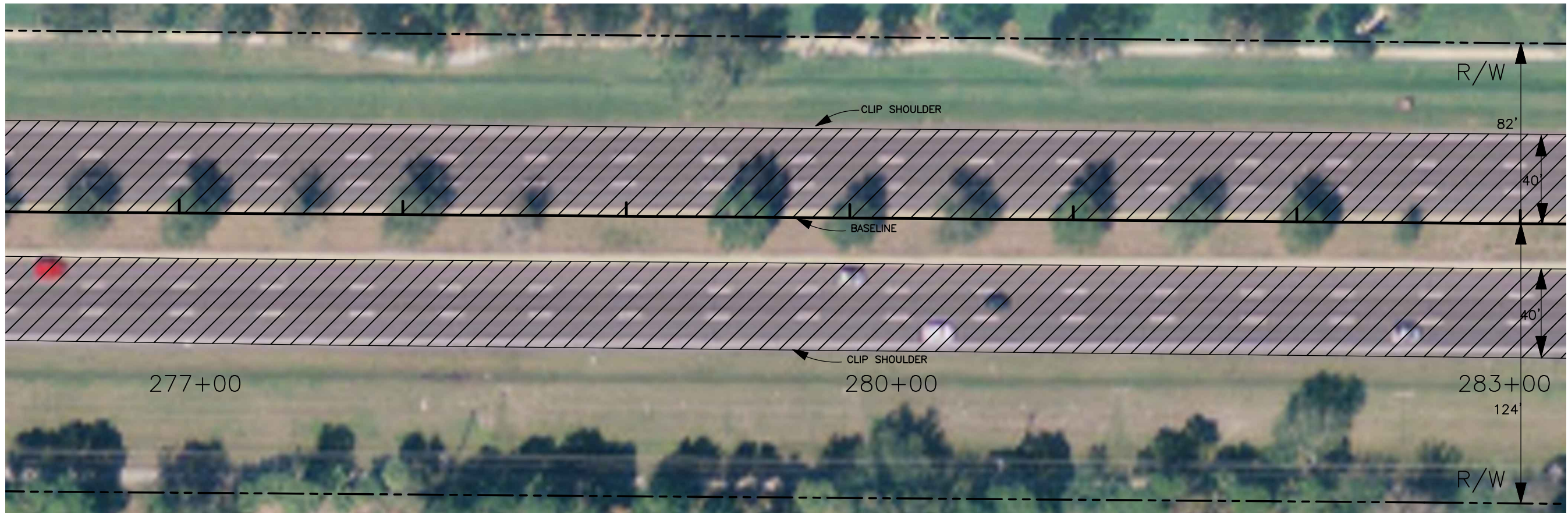
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REVISION		DATE
BY	DATE	DATE
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SCALE: 1" = 50'

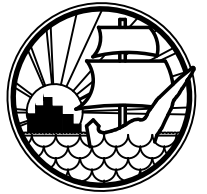
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FLORIDA P.E. # 39612
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SHEET 21 OF 29



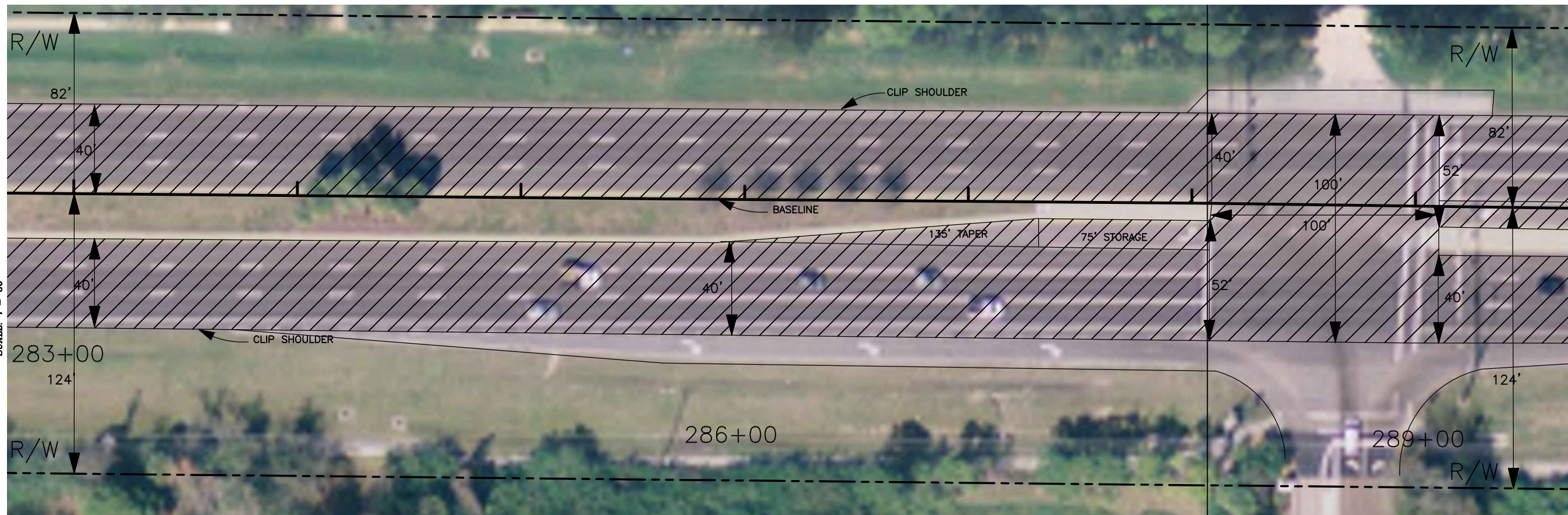
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US 301 TO I-75
FM 426775-1-58-01 & 426776-1-58-01

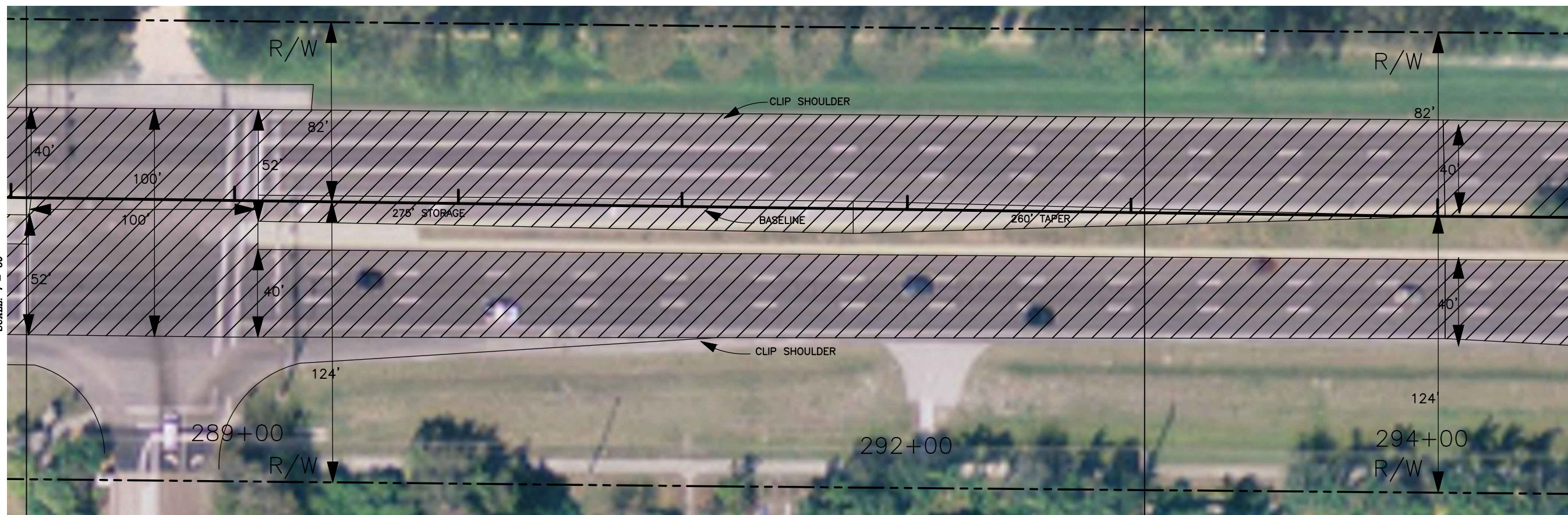
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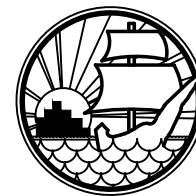
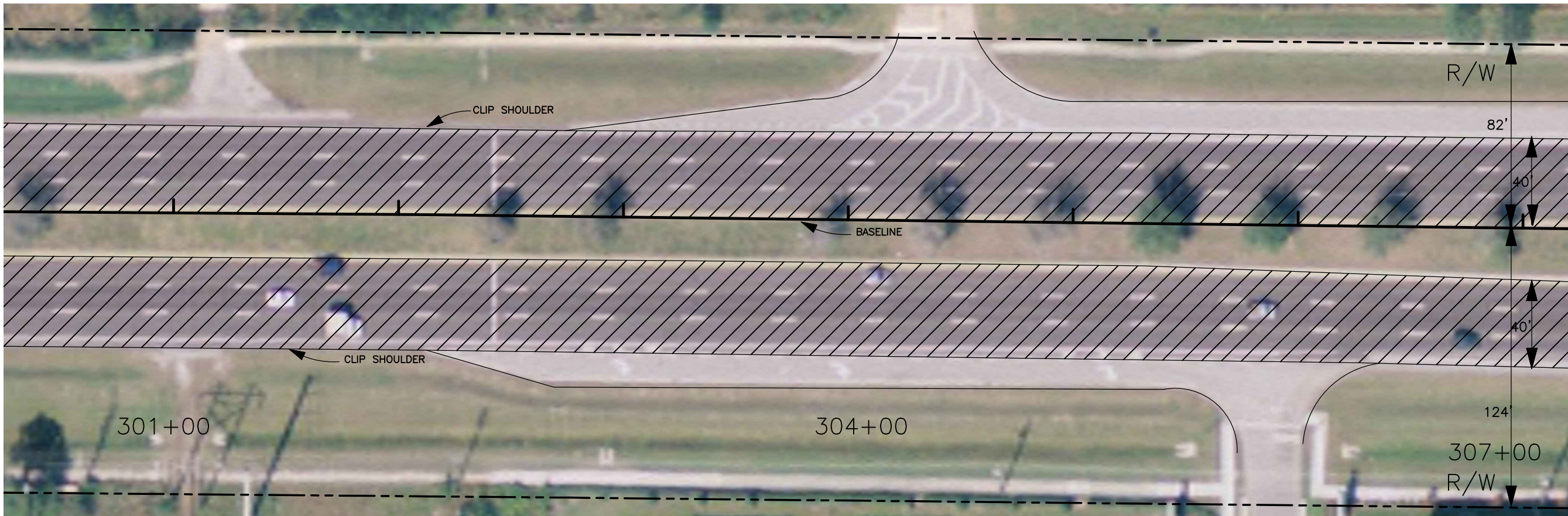
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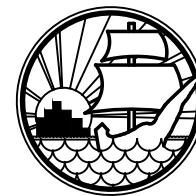
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FLORIDA P.E. # 39612
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1622 26TH AVENUE EAST
BRADENTON, FL. 34208

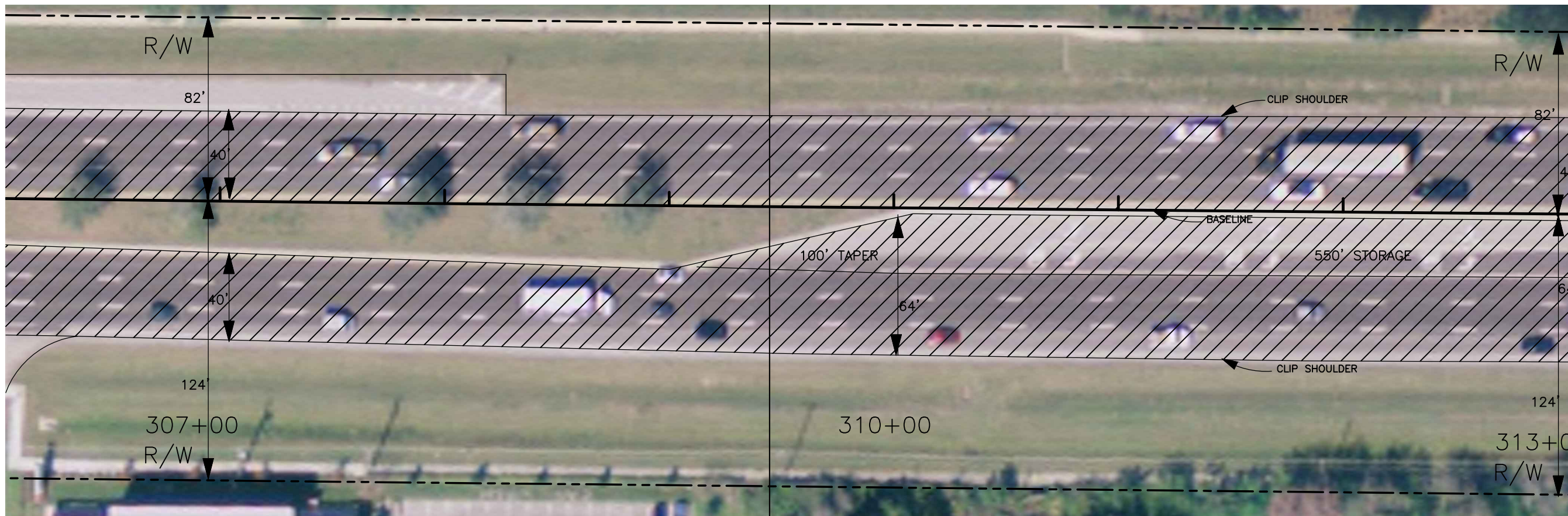
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SHEET 23 OF 29

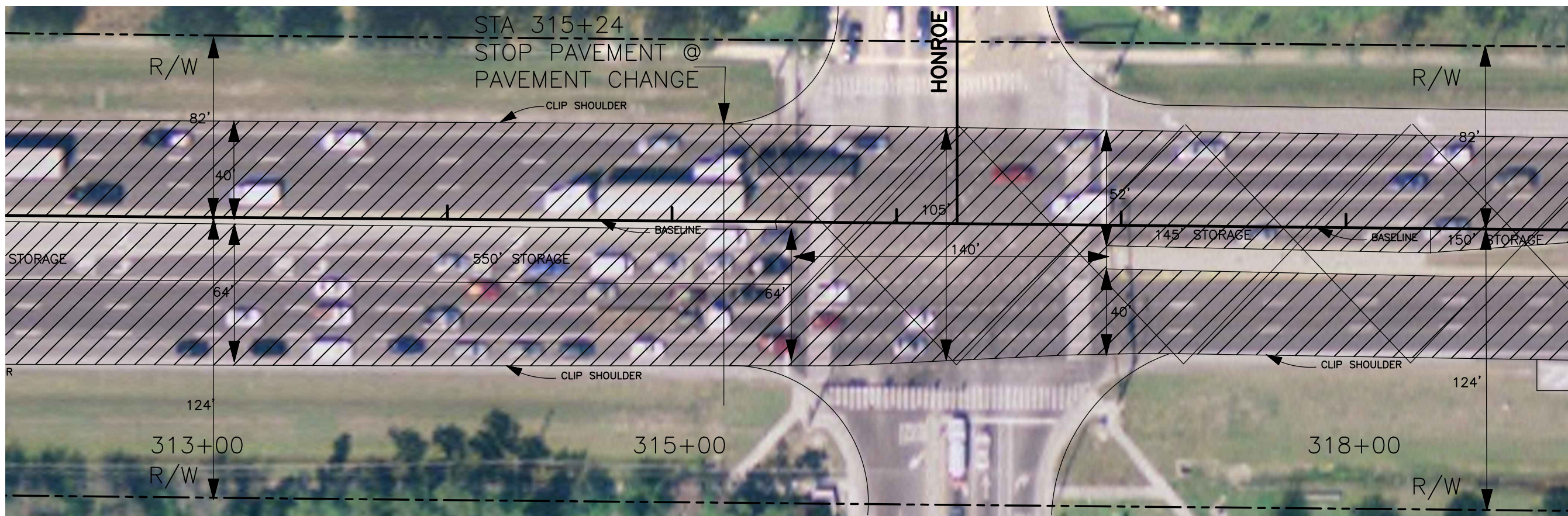


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**UNIVERSITY PARKWAY
US 301 TO I-75
FM 426775-1-58-01 & 426776-1-58-01**



 LIMITS OF MILL AND RESURFACE



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BRADENTON, FL 34208

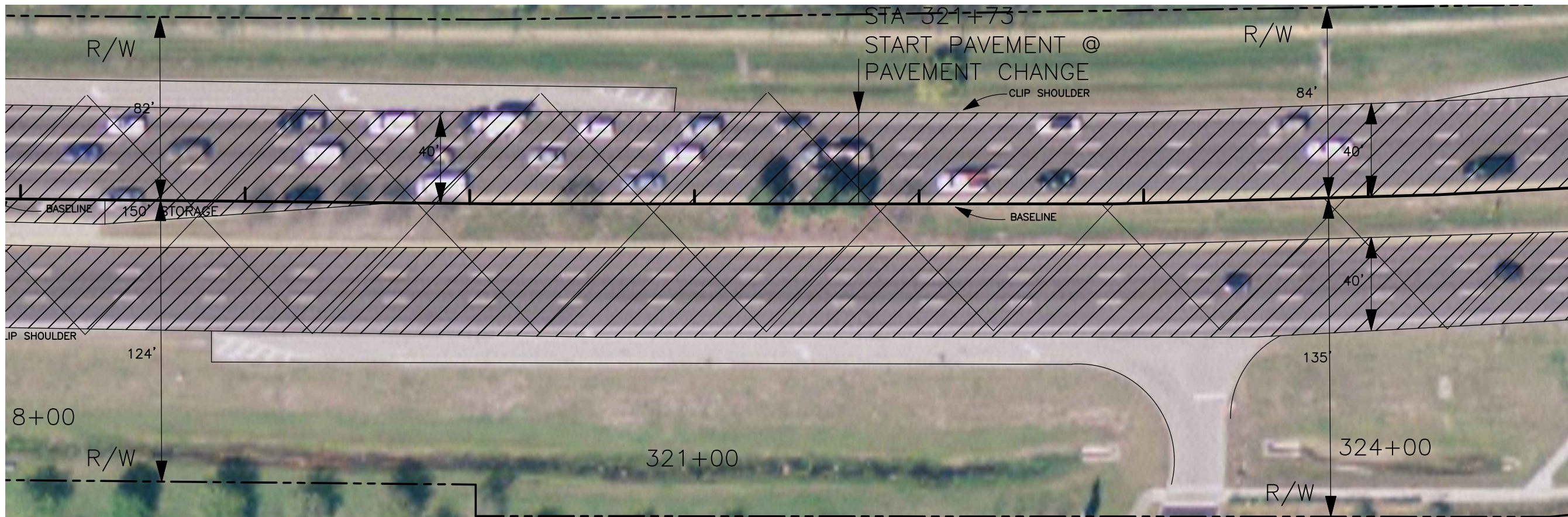
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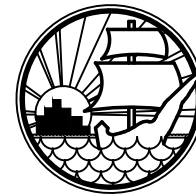
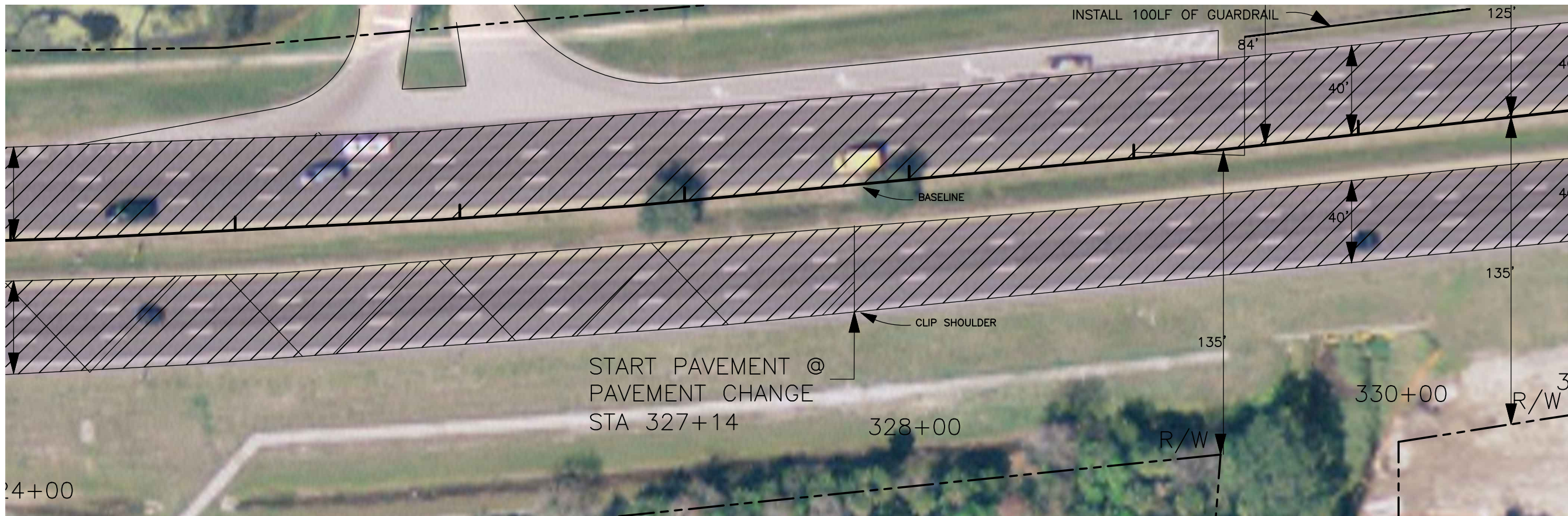
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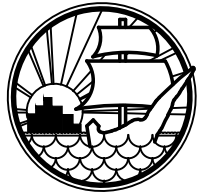
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**H. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1923 26TH AVENUE EAST
BRADENTON, FL 34208**

DATE

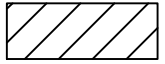
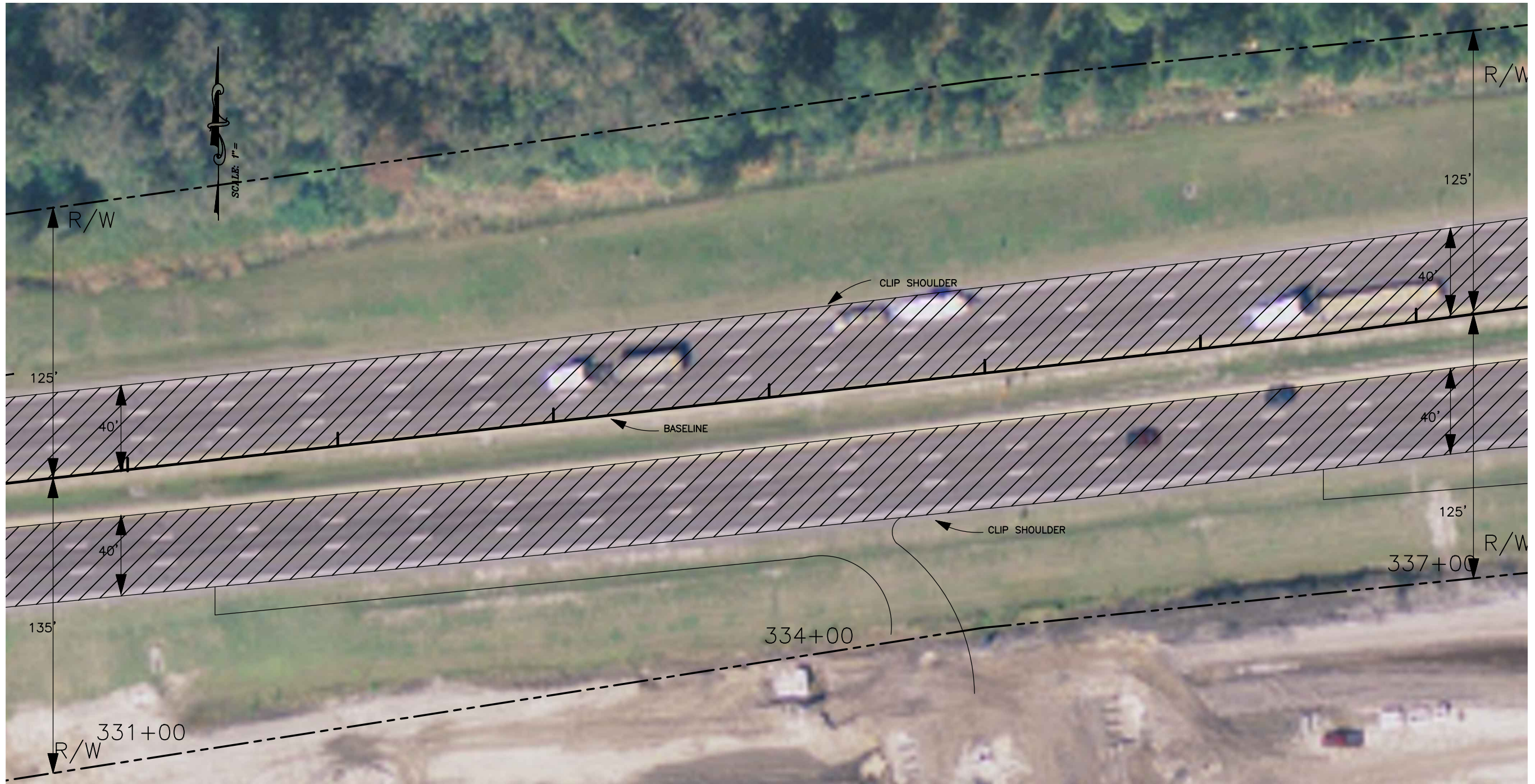
SHEET 25 OF 25



MANATEE COUNTY
TRANSPORTATION
DEPARTMENT

UNIVERSITY PARKWAY
US 301 TO I-75
FM 426775-1-58-01 & 426776-1-58-01

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File No.:
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LIMITS OF MILL AND RESURFACE

REVISION		DATE
	BY	DATE
SURVEYED		
DESIGNED		
DRAWN	BM	04/09
CHECKED		

SCALE: 1" = 50'

SEAL

APPROVED BY:

H. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1822 26TH AVENUE EAST
BRADENTON, FL 34208

DATE

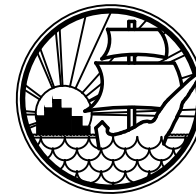
SHEET 26 OF 29

Sheet Number:

Sheet Title:

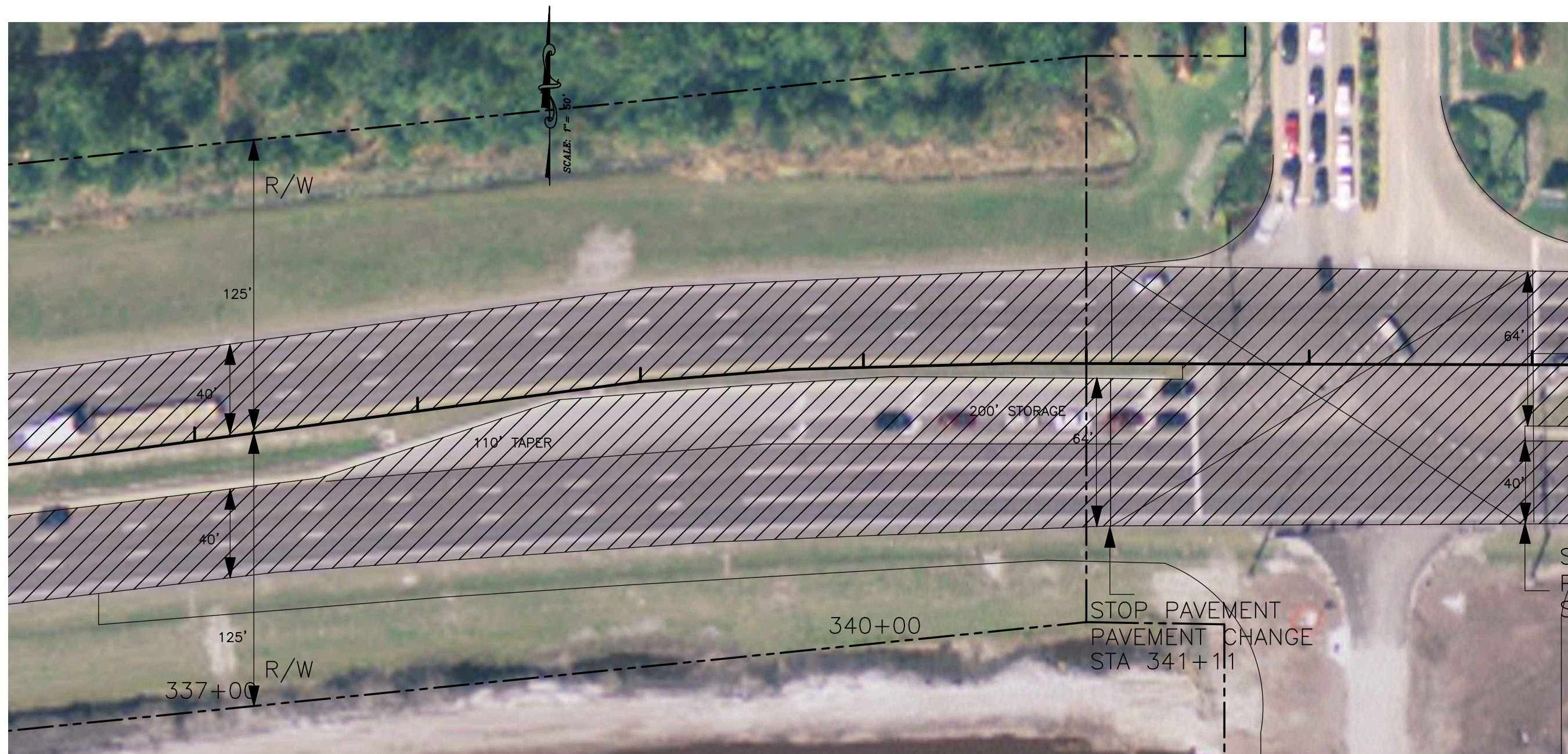
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MANATEE COUNTY
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DEPARTMENT

**UNIVERSITY PARKWAY
US 301 TO I-75
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 LIMITS OF MILL AND RESURFACE

REVISION	DATE
BY	DATE
SURVEYED	
DESIGNED	
DRAWN	BM 04/09
CHECKED	

SCALE: 1" = 50'

SEAL
APPROVED BY:

H. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
1821 26TH AVENUE EAST
BRADENTON, FL. 34208

DATE

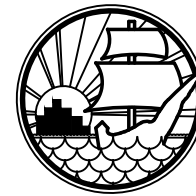
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**UNIVERSITY PARKWAY
US 301 TO I-75
FM 426775-1-58-01 & 426776-1-58-01**



 LIMITS OF MILL AND RESURFACE

REVISION	DATE
BY	DATE
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DESIGNED	
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CHECKED	

SCALE: 1" = 50'

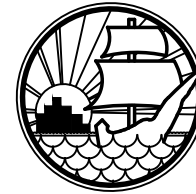
SEAL
APPROVED BY:
H. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
102 26TH AVENUE EAST
BRADENTON, FL 34208

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 LIMITS OF MILL AND RESURFACE

REVISION	DATE
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DESIGNED	
DRAWN	BM 04/09
CHECKED	

SCALE: 1" = 50'

SEAL

APPROVED BY:

E. WAYNE ROBERTS, P.E.
FLORIDA P.E. # 39612
MANATEE COUNTY GOVERNMENT
TRANSPORTATION DEPARTMENT
122 5TH AVENUE EAST
BRADENTON, FL 34208

DATE

SHEET 29 OF 29