



**Highway Factors Attachment 8**

**Florida Roadway Plan Sheets**

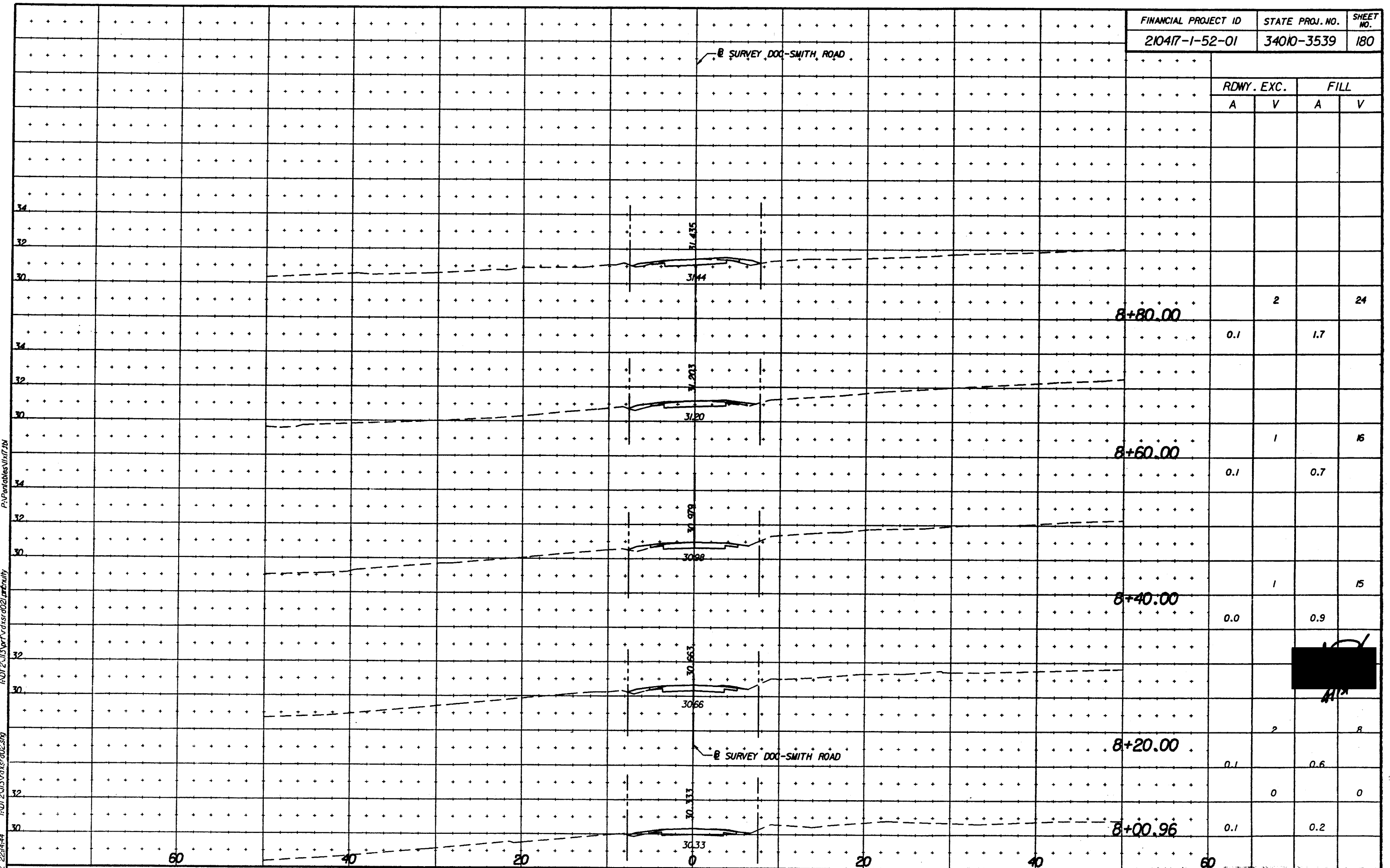
**Williston, FL**

**HWY16FH018**

(51 pages)

B SURVEY DOC-SMITH ROAD

RDWY. EXC.		FILL	
A	V	A	V



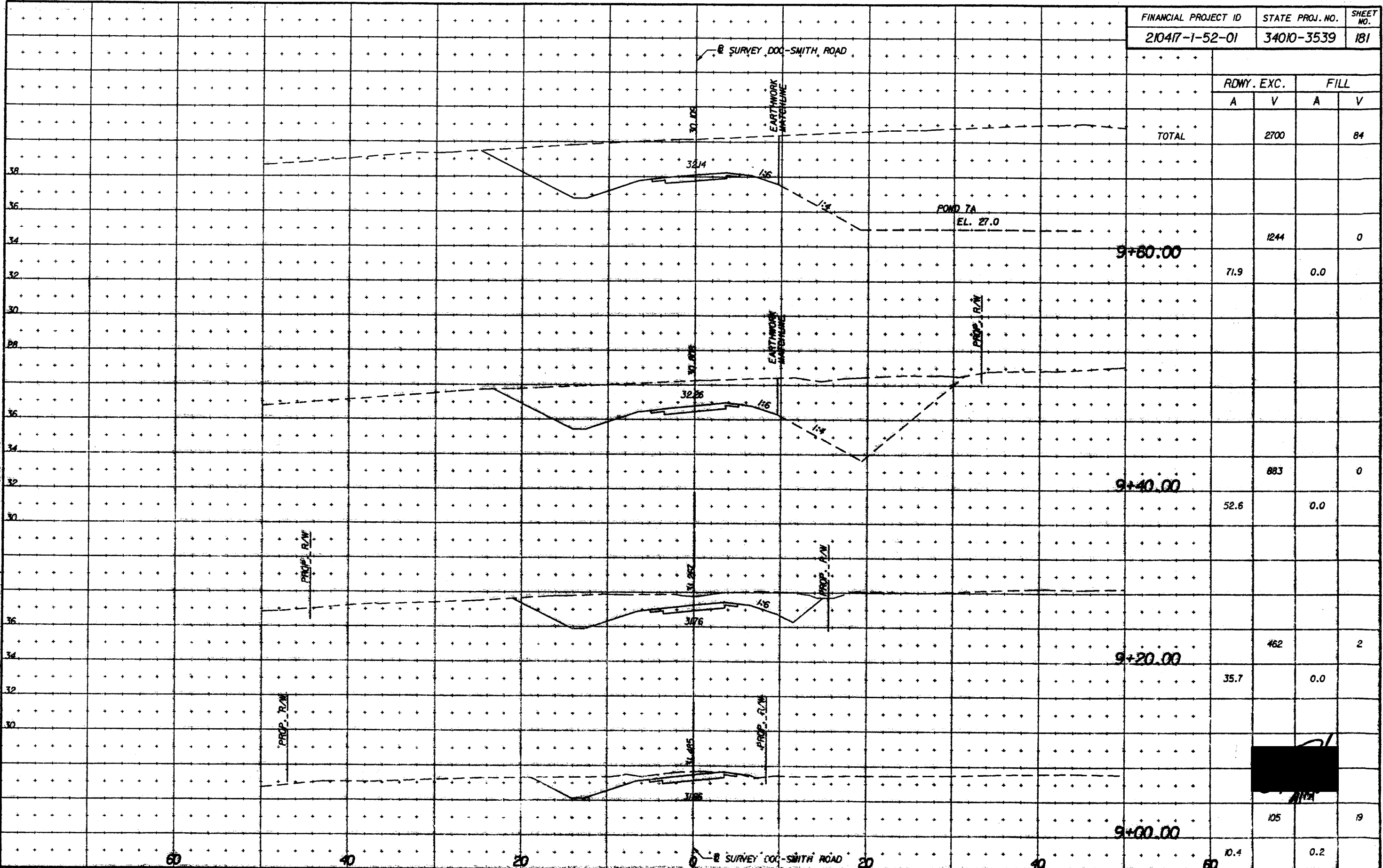
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REVISIONS				
DATE	BY	DESCRIPTION	DATE	BY

**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**  
 520 S. MADONIA AVENUE, ORLANDO, FLORIDA 32801  
 FBPR CERTIFICATE OF AUTHORIZATION NO. 1221

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**ROADWAY CROSS SECTIONS**  
**DOC-SMITH ROAD (SOUTH)**  
**STA. 8+00.96.000 TO STA. 8+80.00**



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REVISIONS				
DATE	BY	DESCRIPTION	DATE	BY

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
 440 S. HOWIE BLVD. SUITE 1000, TAMPA, FLORIDA 33609  
 PROFESSIONAL ENGINEER CERTIFICATE NO. 1221

ROADWAY CROSS SECTIONS  
 DOC-SMITH ROAD (SOUTH)  
 STA. 9+00.00 TO STA. 9+40.00  
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### GENERAL NOTES

- TRAFFIC TO BE MAINTAINED IN ACCORDANCE WITH THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, CURRENT EDITION, INDEX 600 SERIES.
- THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR:
  - THE MAINTENANCE OF TRAFFIC THROUGHOUT CONSTRUCTION;
  - ASSURING ALL WORK IS IN CONFORMANCE WITH THE PLANS, ALL APPLICABLE DRAWINGS AND NOTES, AND THE SPECIFICATION DOCUMENTS LISTED ABOVE;
  - MAINTAINING ADEQUATE DRAINAGE TO PREVENT FLOODING OR DAMAGE TO ROADWAY AND/OR ROADSIDE AREAS EXISTING, UNDER CONSTRUCTION OR COMPLETED.
- THE CONTRACTOR SHALL INSTALL TEMPORARY REFLECTORIZED PAVEMENT MARKERS FOR EACH CONSTRUCTION PHASE PER INDEX 600, SHEET 3 OF 11.
- LANE WIDTHS SHALL NOT BE LESS THAN 3.0.
- VEHICULAR ACCESS TO RESIDENCES AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.
- ALL SIDE STREETS SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES.
- AT MULTIPLE ENTRANCE FACILITIES, TRAFFIC SHALL BE MAINTAINED AT ONE OR MORE ENTRANCES AT ALL TIMES. AT SINGLE ENTRANCE FACILITIES, DRIVEWAYS SHALL BE MODIFIED AS APPLICABLE TO ALLOW TWO-WAY ACCESS.
- THIS MAINTENANCE OF TRAFFIC PLAN DEPICTS THE MINIMUM REQUIREMENTS FOR IMPLEMENTATION OF THE MAINTENANCE OF TRAFFIC PLAN. THE CONTRACTOR IS REQUIRED TO FURNISH ANY AND ALL ADDITIONAL MAINTENANCE OF TRAFFIC ITEMS NECESSARY TO IMPLEMENT A SAFE AND EFFICIENT MAINTENANCE OF TRAFFIC PLAN.
- ALL EXISTING SIGNS CONFLICTING WITH CONSTRUCTION AND/OR CONSTRUCTION SIGNAGE SHALL BE TEMPORARILY RELOCATED OR REMOVED IN ACCORDANCE WITH THE SIGNING AND PAVEMENT MARKING PLANS. CONFLICTING SIGNAGE SHALL BE COVERED OR SHALL NOT BE ERECTED UNTIL WARRANTED.
- THE COSTS FOR ALL WORK TO BE CONDUCTED AS A PART OF THE MAINTENANCE OF TRAFFIC PLANS, UNLESS OTHERWISE INDICATED FOR PAYMENT IN THE PLANS OR SUMMARY OF ROADWAY PAY ITEMS, SHALL BE PAID FOR UNDER BID ITEM 2102-1, MAINTENANCE OF TRAFFIC, LUMP SUM.
- ALL TEMPORARY DRIVEWAY CONNECTIONS AND TEMPORARY PAVEMENT SHALL BE CONSTRUCTED WITH 25MM TYPE 5 ASPHALT AND LIMEROCK BASE. PAY ITEM 2102-1.
- OFF-DUTY LAW ENFORCEMENT OFFICERS ARE TO BE USED FOR THE FOLLOWING:
  - PHASE I  
SET UP OF TRANSITIONS. (1 OFFICER REQUIRED) ESTIMATED 16 HRS.
  - PHASE II  
TAKEDOWN / SET UP OF TRANSITIONS.  
PAVING ACROSS INTERSECTIONS. (1 OFFICER REQUIRED) 32 HRS.
  - PHASE III  
TAKEDOWN / SET UP OF TRANSITIONS.  
PAVING OPERATIONS. (1 OFFICER REQUIRED) 56 HRS.

MAINTENANCE OF TRAFFIC PAY ITEMS								
ITEM NO	ITEM	UNIT	PHASE IA	PHASE IB	PHASE IC	PHASE II	PHASE III	TOTAL
2102-10-	*OFF-DUTY LAW ENFORCEMENT OFFICER	HR	16			32	56	104
2102-60-	*WORK ZONE SIGNS	ED	26676	3750	1170	4068	4181	39845
2102-61-	*BUSINESS SIGNS	EA	9					9
2102-74-1	*BARRICADE (TEMPORARY)(TYPES I, II, VP & DRUM)	ED	23877	3210	670	864	864	29485
2102-74-2	*BARRICADE (TEMPORARY)(TYPE III) (1800MM)	ED	494	300	40			834
2102-76-	*PANELS ARROW ADVANCE WARNING	ED		30		72	74	176
2102-77-	*HIGH INTENSITY FLASHING LIGHTS (TEMP - TYPE B)	ED	60150					60150
2102-78	*MARKER PAVT REFLECTIVE (TEMPORARY)	EA	1804	2560	740	1804	1804	8712
2102-98	*BARRICADE (TO REMAIN) (TYPE III)	EA						
2102-99	*VARIABLE MESSAGE SIGN	ED	247	30	10			287
2102-911-2	*PAVT MARKING REMOVABLE (WHITE/BLACK)(SOLID)	MI		900	450			1350
2102-912-2	*PAVT MARKING REMOVABLE (YELLOW) (SOLID)	MI		900	450			1350
2710-6-	*DIRECTIONAL ARROW (PAINTED)	EA					175	175
2710-21-	*TRAFFIC STRIPE SKIP (WHITE/BLACK/BLUE)	GK				24.133		24.133
2710-23-61	*TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 150MM)	NK				26.029		26.029
2710-24-61	*TRAFFIC STRIPE SOLID (YELLOW) (150MM)	NK				20.595		20.595
2710-25-81	*TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 200MM)	MI				111.5		111.5
2710-26-81	*TRAFFIC STRIPE SOLID (YELLOW 200MM)	MI				544.4		544.4
2710-25-181	*TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 450MM)	MI				10.8		10.8
2710-25-241	*TRAFFIC STRIPE SOLID (WHITE/BLACK/BLUE 600MM)	MI				261.9		261.9
2710-26-181	*TRAFFIC STRIPE SOLID (YELLOW) (450MM)	MI				310.2		310.2

### PHASE I NOTES

- MAINTAIN TWO-WAY TRAFFIC ON THE EXISTING ROADWAY.
- THE CONTRACTOR SHALL BE REQUIRED, AS THE FIRST ORDER OF BUSINESS, TO PERFORM THE FOLLOWING TASKS IN THE ORDER LISTED:
  - A) CLEAR AND GRUB RIGHT SIDE OF THE EXISTING ROADWAY FROM STA. 406+50 TO STA. 434+00 AND LEFT SIDE FROM STA. 434+00 TO STA. 476+00.
  - B) STAKE RIGHT OF WAY EVERY 30.0 FROM STA. 406+50 TO STA. 434+00 LEFT AND STA. 434+00 TO STA. 482+00 RIGHT SIDE (INCLUDING JOGS).
  - C) STAKE LOCATION OF DRAINAGE RIGHT SIDE.
- AFTER THIS WORK HAS BEEN COMPLETED THE CONTRACTOR SHALL NOT WORK IN 7.3M OF THE RIGHT OF WAY FOR A PERIOD OF 110 CALENDAR DAYS. C.F.E. WILL START CONSTRUCTION FROM STA. 406+50 TO STA. 434+00 RIGHT SIDE, CUT OVER AND REMOVE. THEN CONSTRUCT FROM STA. 434+00 TO STA. 476+00 LEFT SIDE. NOTE ALL EXISTING FACILITIES TO REMAIN IN PLACE UNTIL NEW LINES ARE PLACED AND CUT OVER.
- CONSTRUCT DRAINAGE STRUCTURES AND PONDS (WORK IN REVERSE OF FLOW).
- CONSTRUCT PROPOSED ROADWAY (EXCLUDING FRICTION COURSE AND FINAL STRIPING).

### PHASE IA NOTES

- CONSTRUCT PROPOSED ROADWAY (EXCLUDING FRICTION COURSE) STA. 373+92 TO STA. 407+30.
- CONSTRUCT TEMPORARY TRANSITIONS FOR TWO WAY TRAFFIC AT STA. 380+00 TO STA. 382+26 AND STA. 402+25 TO STA. 404+51.
- CONSTRUCT TEMPORARY TIE-IN FOR TWO WAY TRAFFIC AT STA. 407+30 TO STA. 408+83.

### PHASE IB NOTES

- SHIFT TRAFFIC TO NEW LANES COMPLETED UNDER PHASE IA. CONSTRUCT PROPOSED ROADWAY (EXCLUDING FRICTION COURSE) STA. 373+92 TO STA. 378+00 AND STA. 403+20 TO STA. 407+56.
- CONSTRUCT TEMPORARY TRANSITIONS FOR TWO WAY TRAFFIC AT STA. 411+40 TO STA. 413+66.

### PHASE IC NOTES

- SHIFT TRAFFIC TO NEW LANES COMPLETED UNDER PHASE IB.
- CONSTRUCT PROPOSED CONNECTION TO EXISTING FROM STA. 407+30 TO STA. 408+83 (EXCLUDING FRICTION COURSE).

### PHASE II NOTES

- ROUTE TRAFFIC ON PROPOSED ROADWAY CONSTRUCTED UNDER PHASE I.
- MAINTAIN TRAFFIC ON OUTSIDE LANE OF EXISTING ROADWAY. CONSTRUCT INSIDE SHOULDER, MILL AND RESURFACE INSIDE LANE. REFER TO INDEXES 613 (2 OF 2) AND 630.

### PHASE III NOTES

- DIVERT TRAFFIC TO INSIDE LANE CONSTRUCTED IN PHASE II.
- CONSTRUCT OUTSIDE SHOULDER AND MILL AND RESURFACE OUTSIDE LANE. PLACE FRICTION COURSE AND FINAL STRIPING. REFER TO INDEXES 613 (2 OF 2) AND 630.
- OPEN REMAINING LANE TO TRAFFIC.

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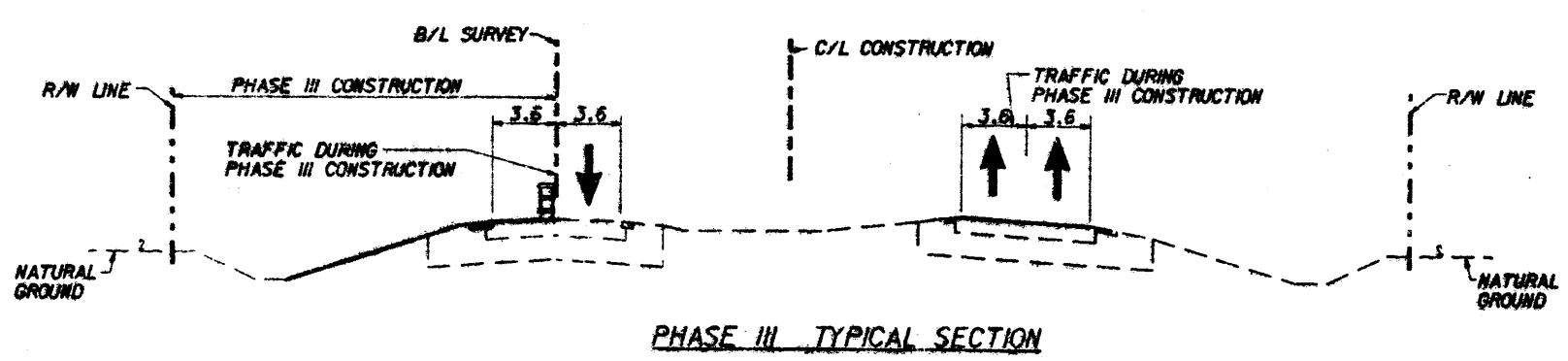
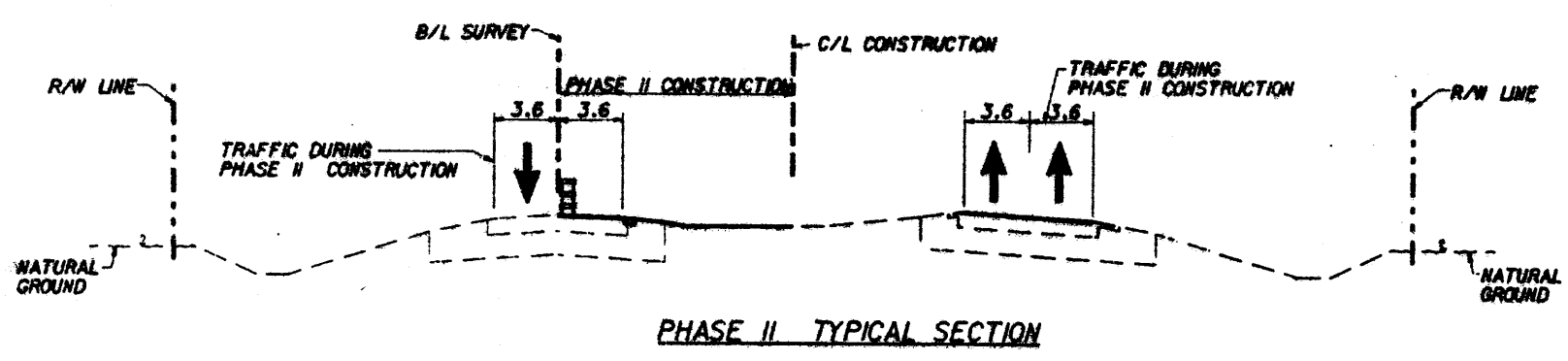
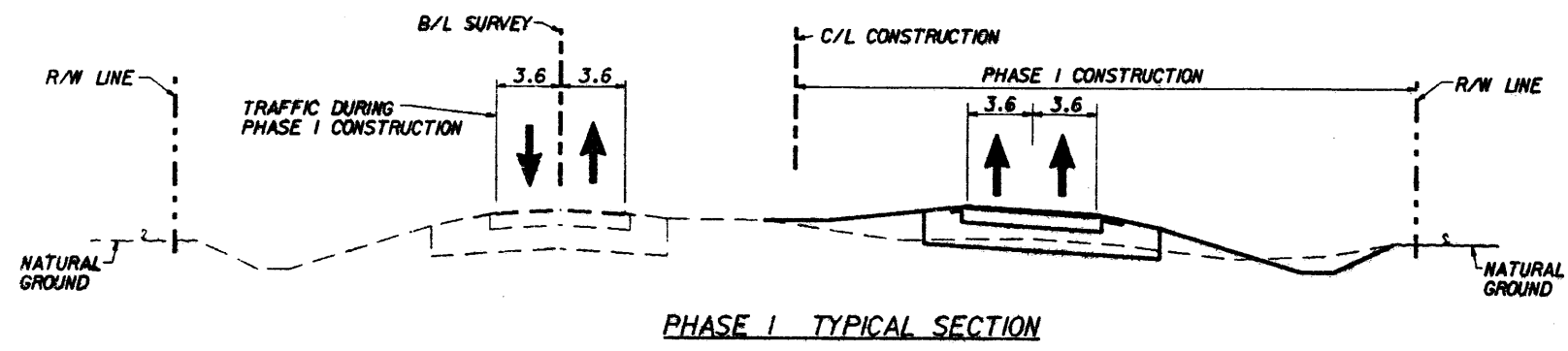
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REVISIONS											
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**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**  
 520 S. MAGNOLIA AVENUE/ORLANDO, FLORIDA 32801  
 FDOT CERTIFICATE OF AUTHORIZATION NO. 1221

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

## MAINTENANCE OF TRAFFIC SUMMARY OF QUANTITIES



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 Marilyn Harriman  
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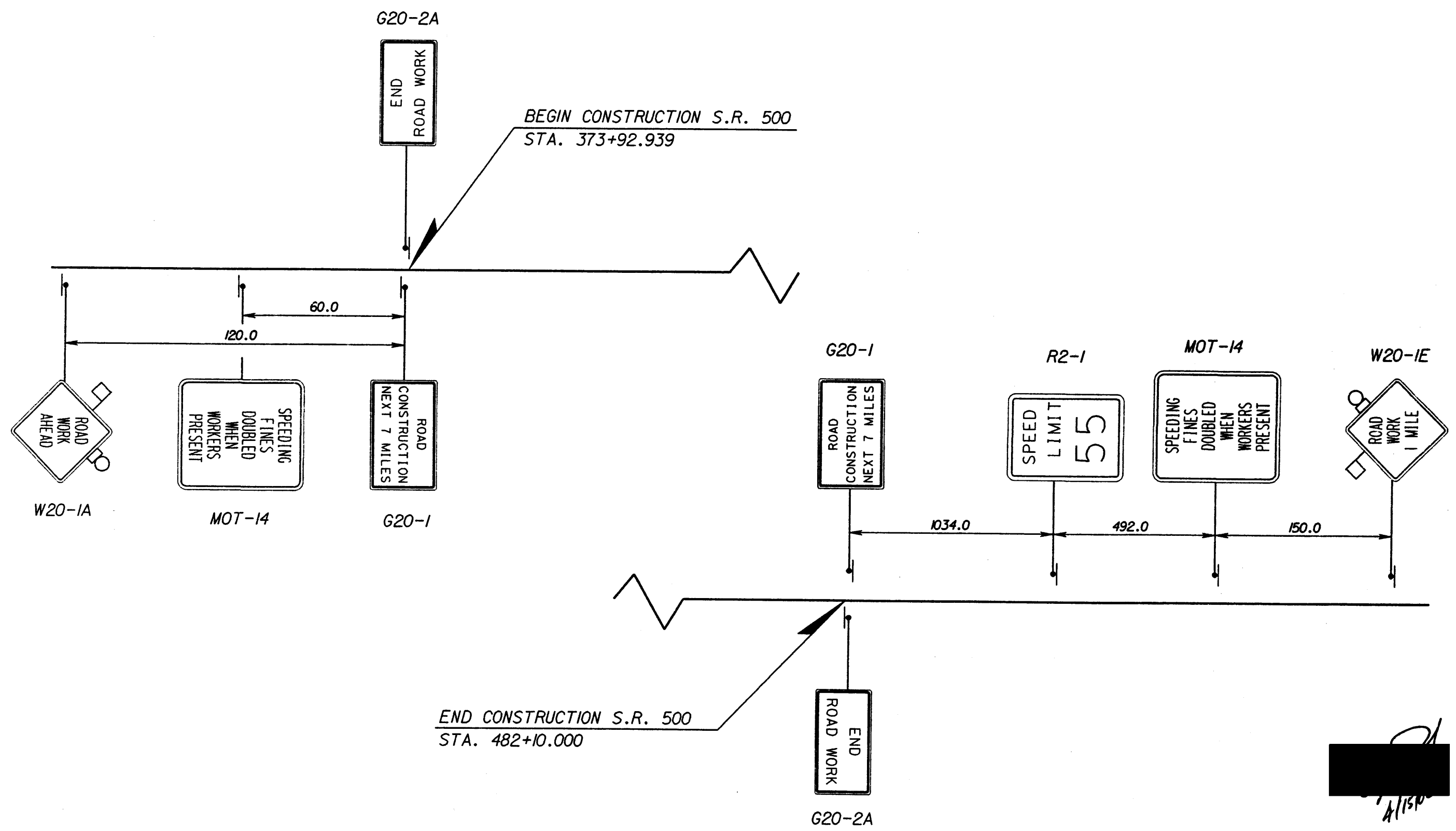
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**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 530 S. MARIONA AVENUE, ORLANDO, FLORIDA 32801  
 FPMR CERTIFICATE OF AUTHORIZATION NO. 1291

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL PLAN**  
**STATE ROAD 500**

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	184



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**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**  
 520 S. MAGNOLIA AVENUE ORLANDO, FLORIDA 32801  
 FPR CERTIFICATE OF AUTHORIZATION NO. 1221



STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION





PROJECT LAYOUT SHEET  
 STATE ROAD 500

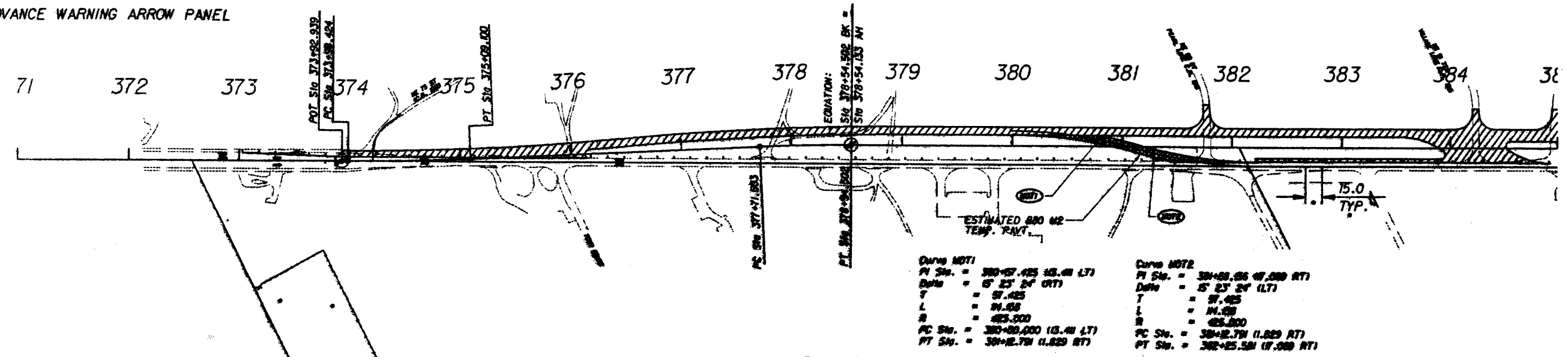
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**LEGEND**

PROPOSED PAVEMENT   
 TEMPORARY PAVEMENT 

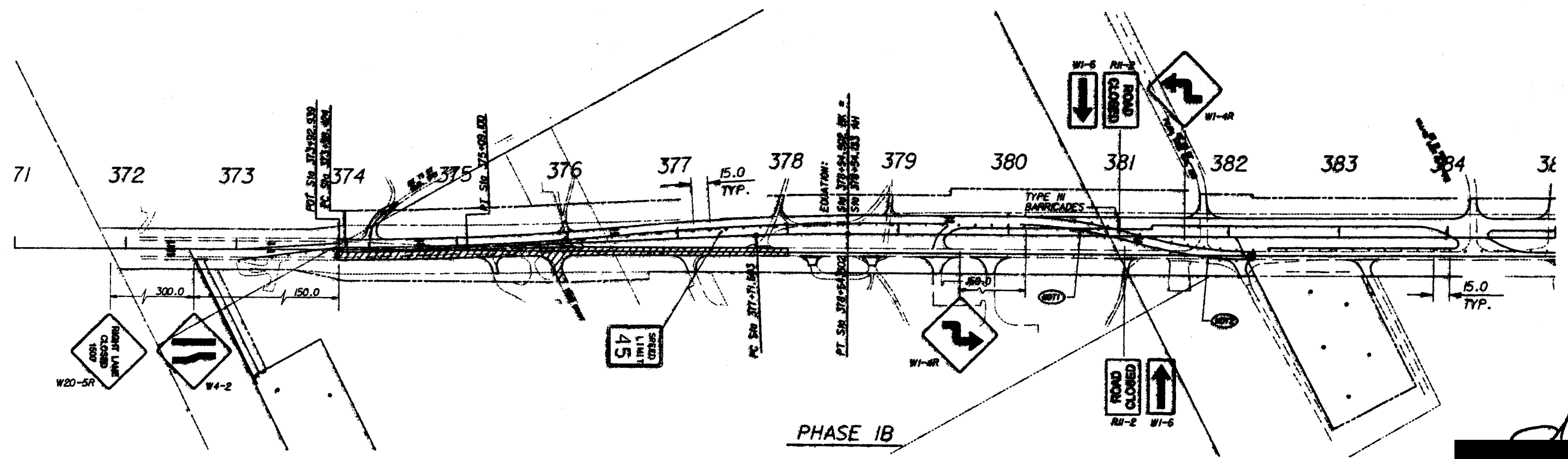
-  TYPE I OR TYPE II BARRICADE OR VERTICAL PANEL OR DRUM (WITH STEADY BURNING LIGHT AT NIGHT ONLY)
-  WORK ZONE SIGN
-  TYPE III BARRICADE (WITH FLASHING LIGHT)
-  ADVANCE WARNING ARROW PANEL



ESTIMATED 800 M2 TEMP. PAVT.

<b>Curve MDT1</b>	<b>Curve MDT2</b>
PI Sta. = 380+57.425 (13.41 LT)	PI Sta. = 381+05.05 (7.00 RT)
Date = 5° 23' 24" (RT)	Date = 5° 23' 24" (LT)
T = 97.425	T = 97.425
L = 14.50	L = 14.50
R = 425.000	R = 425.000
PC Sta. = 380+80.000 (13.41 LT)	PC Sta. = 381+25.791 (11.829 RT)
PT Sta. = 381+25.791 (11.829 RT)	PT Sta. = 382+25.581 (17.000 RT)

**PHASE IA**



**PHASE IB**

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**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**

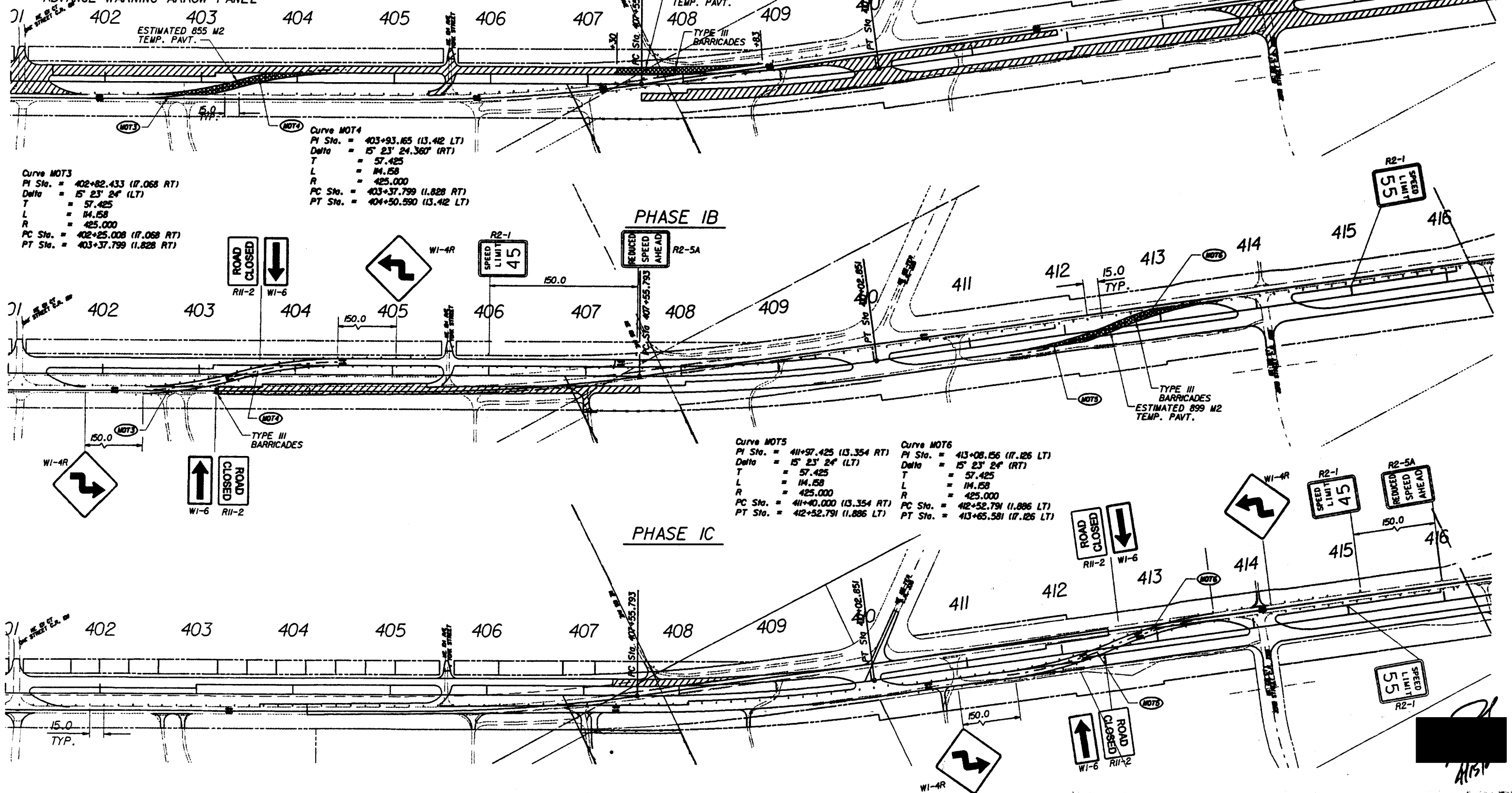
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL PLAN**  
STATE ROAD 500

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**LEGEND**

- PROPOSED PAVEMENT 
- TEMPORARY PAVEMENT 
-  TYPE I OR TYPE II BARRICADE OR VERTICAL PANEL OR DRUM (WITH STEADY BURNING LIGHT AT NIGHT ONLY)
-  WORK ZONE SIGN
-  TYPE III BARRICADE (WITH FLASHING LIGHT)
-  ADVANCE WARNING ARROW PANEL



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**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL PLAN**  
STATE ROAD 500



370

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② SURVEY S.R. 500

PI Sta. = 375+20.159 (1.175 RT)	PI Sta. = 377+74.264 (11.610 LT)
Delta = 5° 36' 10" (LT)	Delta = 5° 36' 10" (RT)
T = 127.222	T = 127.222
L = 254.242	L = 254.242
R = 2,600.000	R = 2,600.000
PC Sta. = 373+92.939 (1.981 LT)	PC Sta. = 376+47.221 (5.216 LT)
PT Sta. = 376+47.221 (5.216 LT)	PT Sta. = 379+00.612 (9.754 LT)

PI Sta. = 374+53.439 (2.632 RT)	PI Sta. = 375+74.497 (2.081 RT)
Delta = 2° 40' 7" (LT)	Delta = 2° 40' 7" (LT)
T = 60.558	T = 60.558
L = 121.093	L = 121.093
R = 2,600.000	R = 2,600.000
PC Sta. = 373+92.939 (1.981 RT)	PC Sta. = 375+13.939 (2.024 RT)
PT Sta. = 375+13.939 (2.024 RT)	PT Sta. = 376+34.986 (4.958 RT)

STA. 372+00.000 TO STA. 376+00.000 EXIST. OH CATV RIGHT JOINT USE WITH CFE

PROPOSED POWER POLE TO BE PLACED 16.0 FROM B/L SURVEY (BY FPC)

EXIST. OE TO BE RELOCATED (BY CFE)

EXIST. WM TO REMAIN (TOWN OF BRONSON)

EXIST. WM TO REMAIN (TOWN OF BRONSON)

EXIST. OE TO REMAIN (CFE)

EXIST. OE TO REMAIN (CFE)



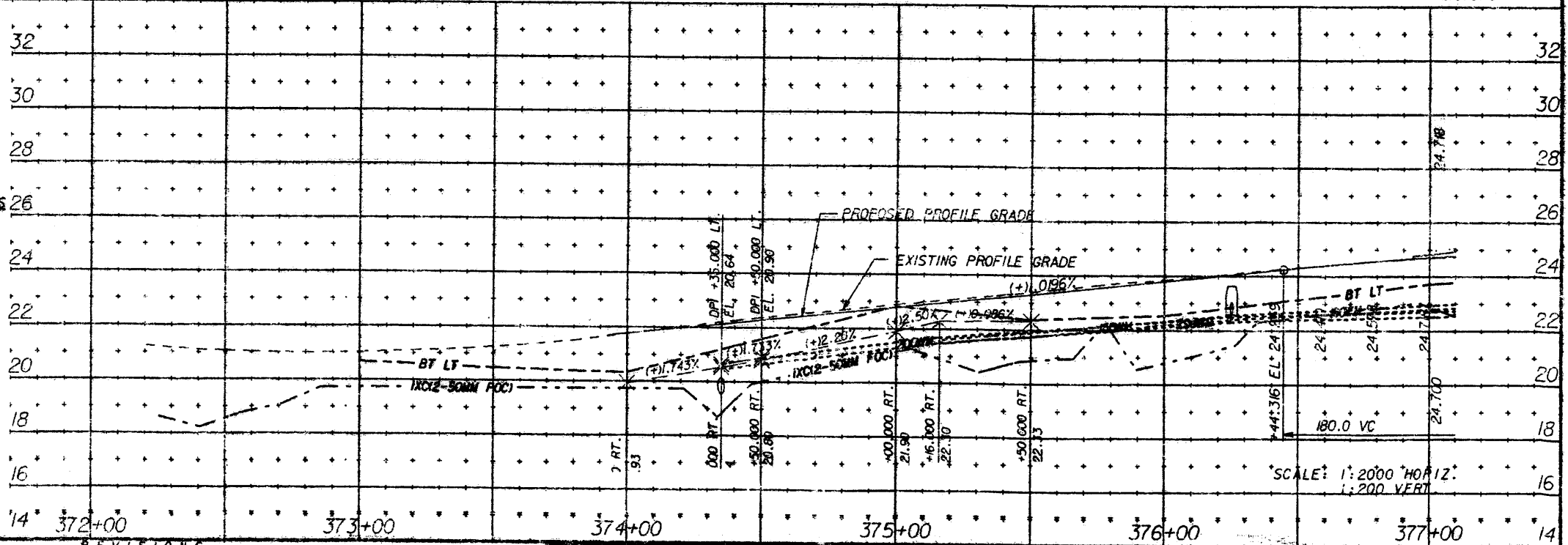
UTILITY NOTES

1. THE LOCATIONS 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 LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

UTILITY OWNERS

COMPANIES

CABLE FLORIDA CONTACT: BRADLEY A. THOMAS	TELEPHONE NUMBERS 26
CITY OF BRONSON CONTACT: MICKEY BEAUCHAMP	(352) 486-2354 24
BELLSOUTH CONTACT: JOHN MYERS	(352) 333-9246 22
FLORIDA GAS TRANSMISSION COMPANY CONTACT: LES SHADD	(904) 485-1211 20
FLORIDA POWER CORPORATION (TRANSMISSION) CONTACT: KEITH A. KELLER	(407) 475-2247 18
FLORIDA POWER CORPORATION (DISTRIBUTION) WILLIAM R. PARK	(352) 463-0094 16
CENTRAL FLORIDA ELECTRIC COOPERATIVE, INC. CONTACT: MICHAEL HIGH	(352) 493-2511 x232 14
FIBER OPTIC CABLE BROADWING, INC. (FORMERLY IXC COMMUNICATIONS) 1835B KRAMER LANE AUSTIN, TX 78758	(800) 555-5022 12



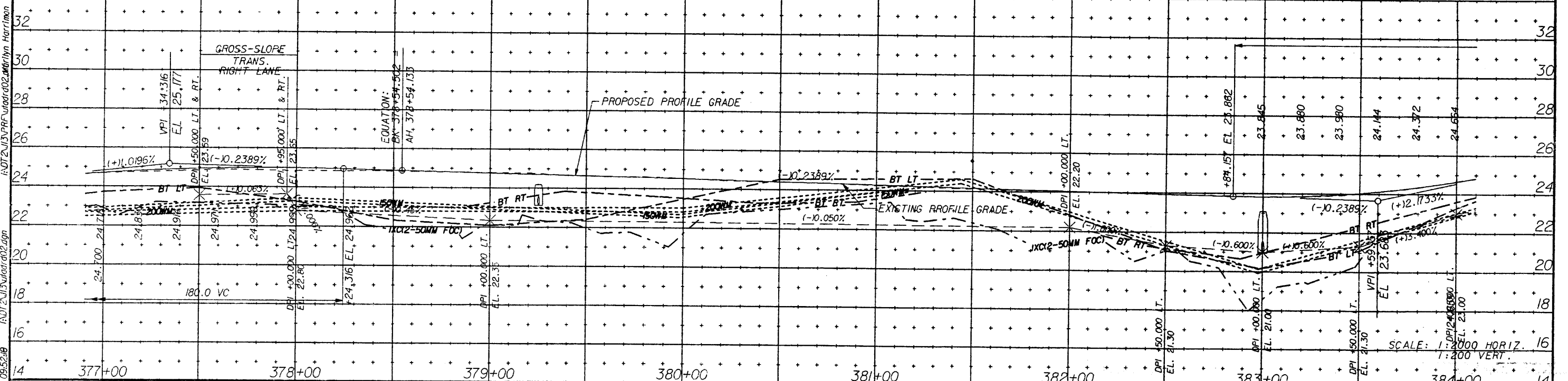
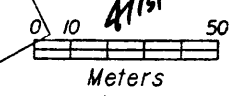
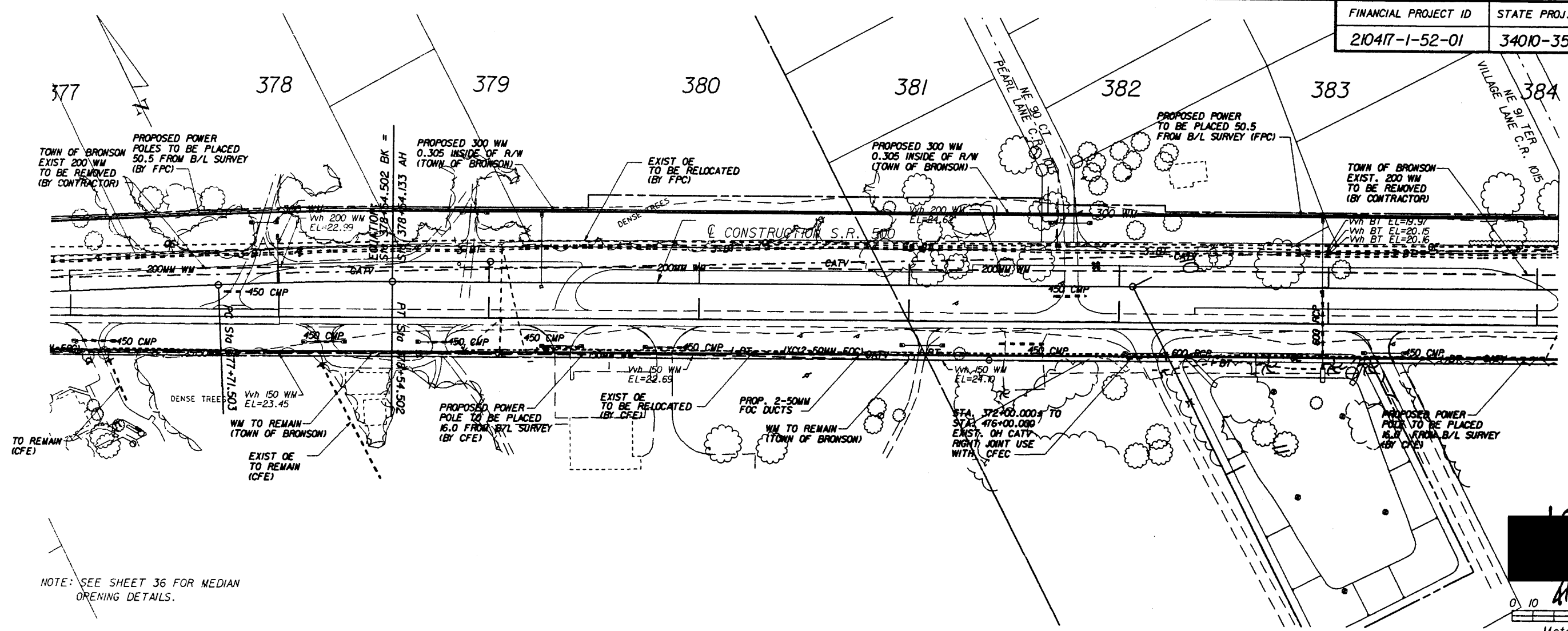
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**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
STA. 373+92.989 TO STA. 377+00.000  
STATE ROAD 500



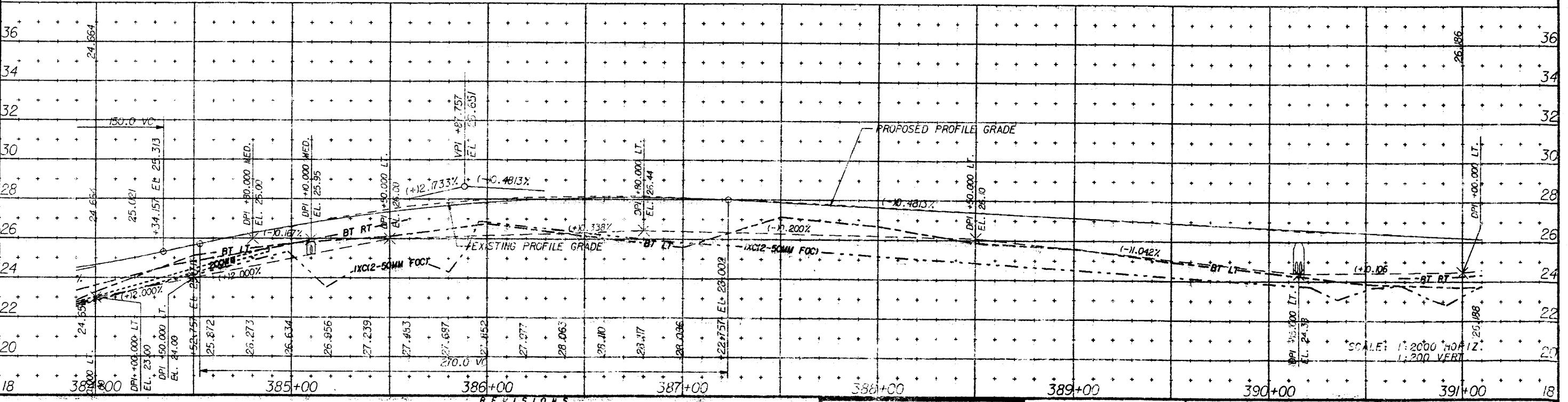
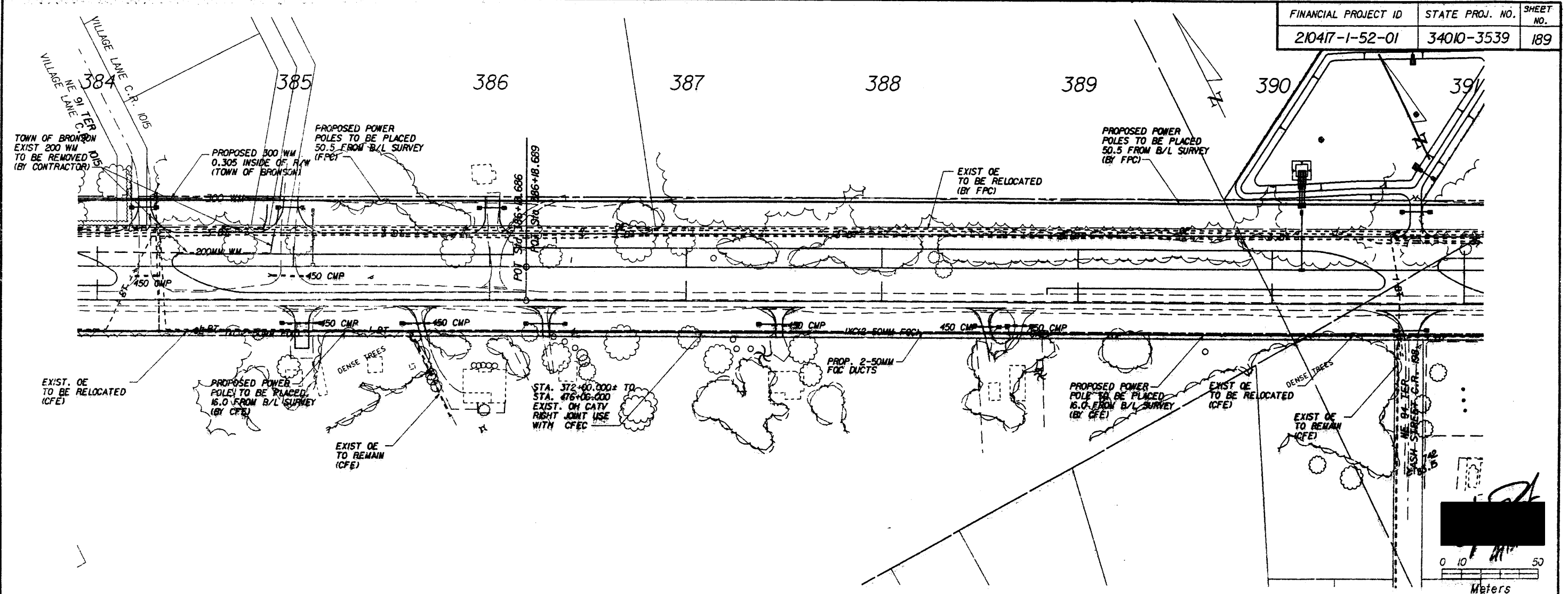
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REVISIONS			
DATE	BY	DESCRIPTION	

**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**  
 STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
 STA. 377+00.000 TO STA. 384+00.000  
 STATE ROAD 500

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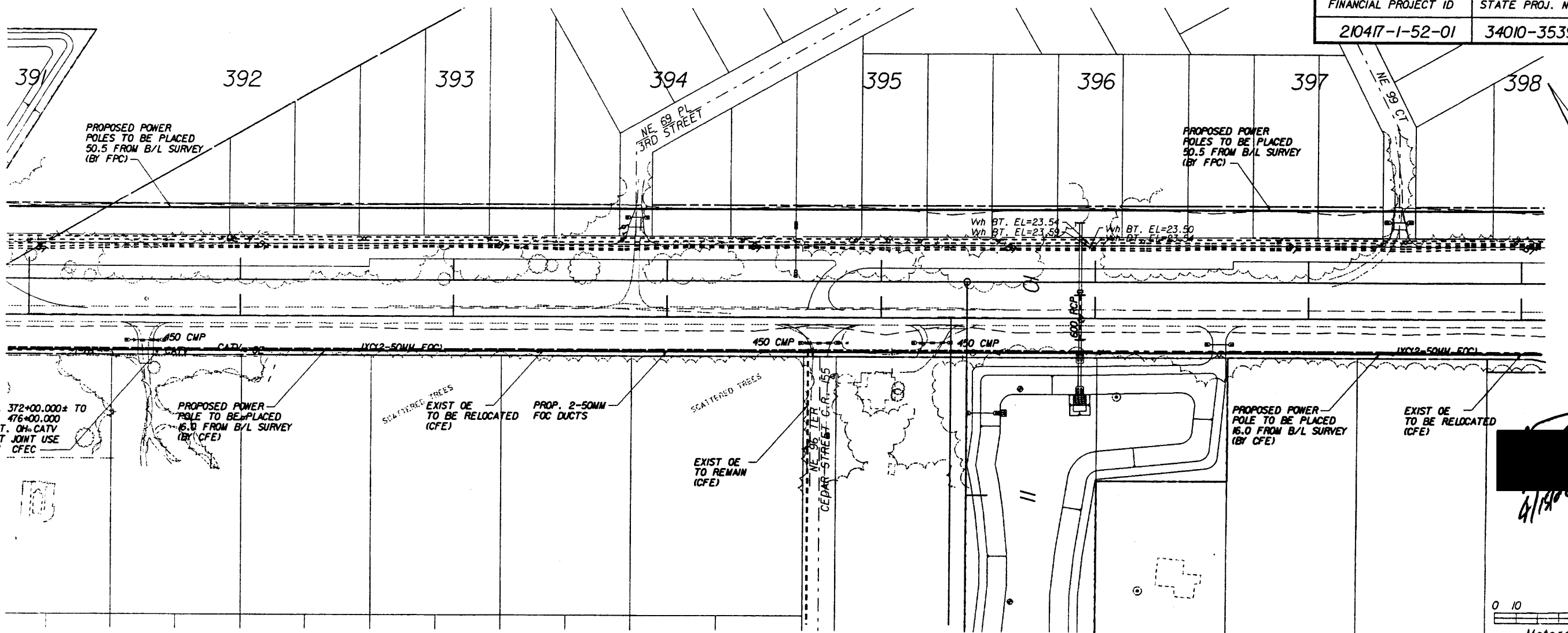
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**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
 STA. 384+00.000 TO STA. 391+00.000  
 STATE ROAD

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STA. 372+00.000± TO STA. 476+00.000 EXIST. ON CATY RIGHT JOINT USE WITH CFEC

PROPOSED POWER POLE TO BE PLACED 6.0 FROM B/L SURVEY (BY CFE)

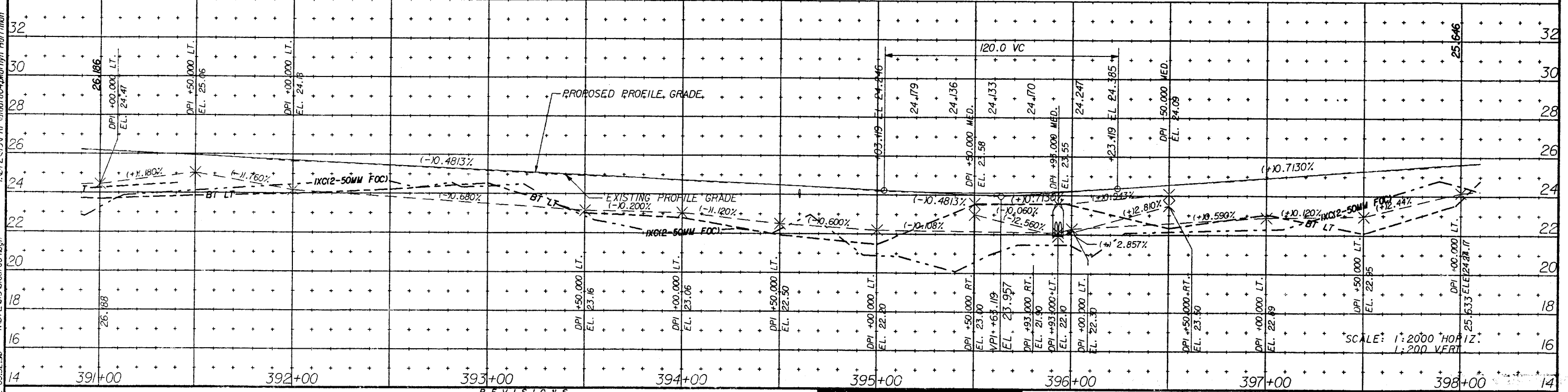
EXIST DE TO BE RELOCATED (CFE)

PROP. 2-50MM FOC DUCTS

EXIST DE TO REMAIN (CFE)

PROPOSED POWER POLE TO BE PLACED 16.0 FROM B/L SURVEY (BY CFE)

EXIST DE TO BE RELOCATED (CFE)



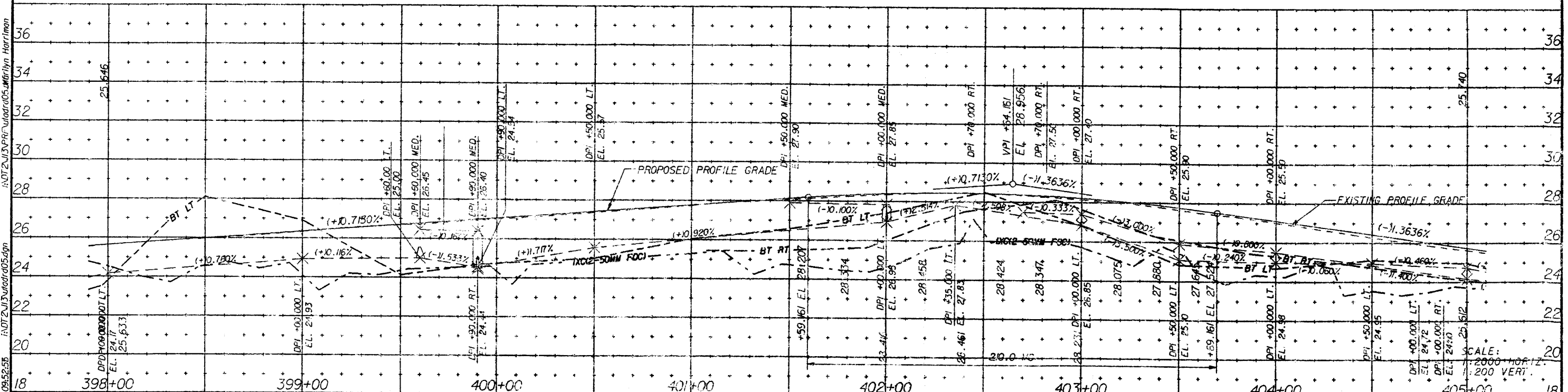
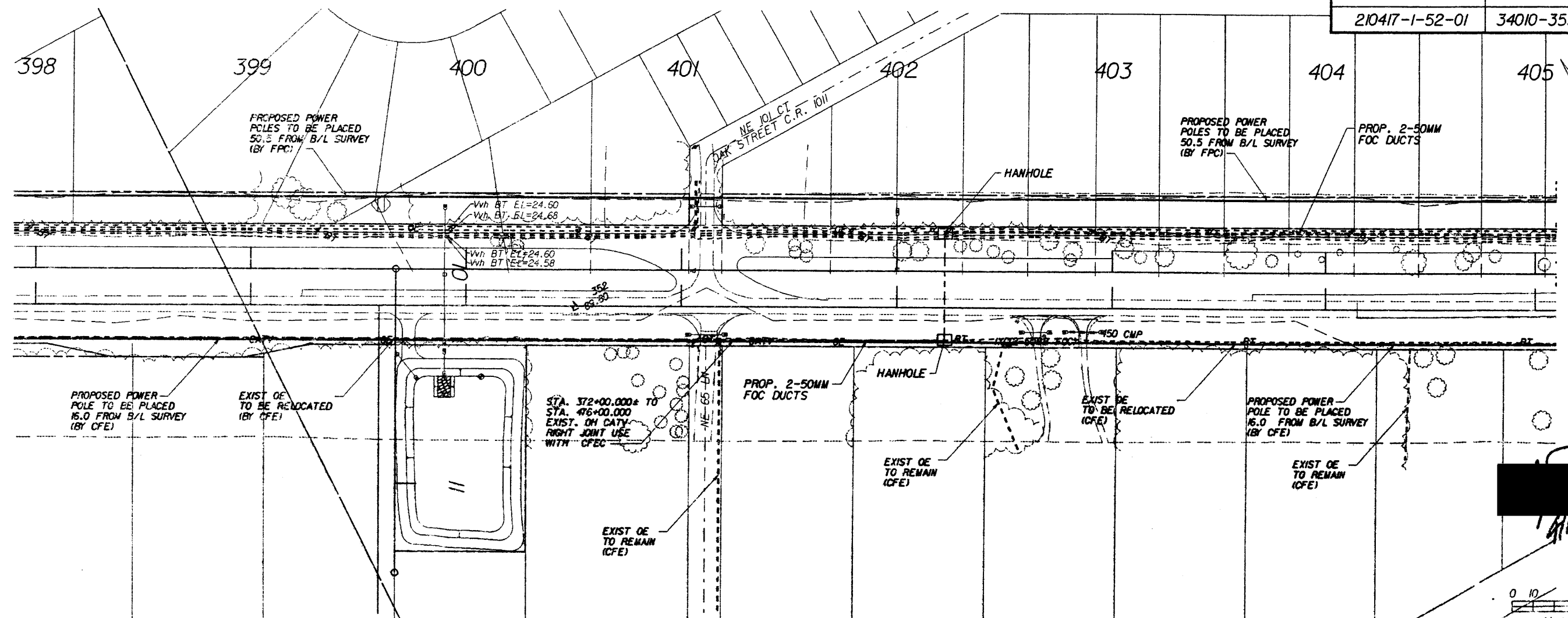
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
REVISIONS								

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
STA. 391+00.000 TO STA. 398+00.000  
STATE ROAD 500



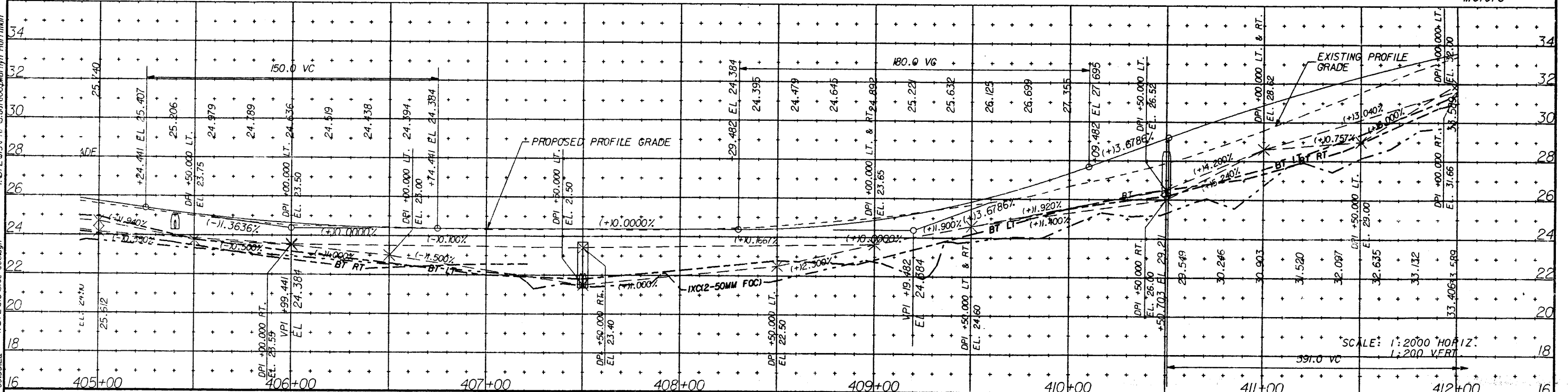
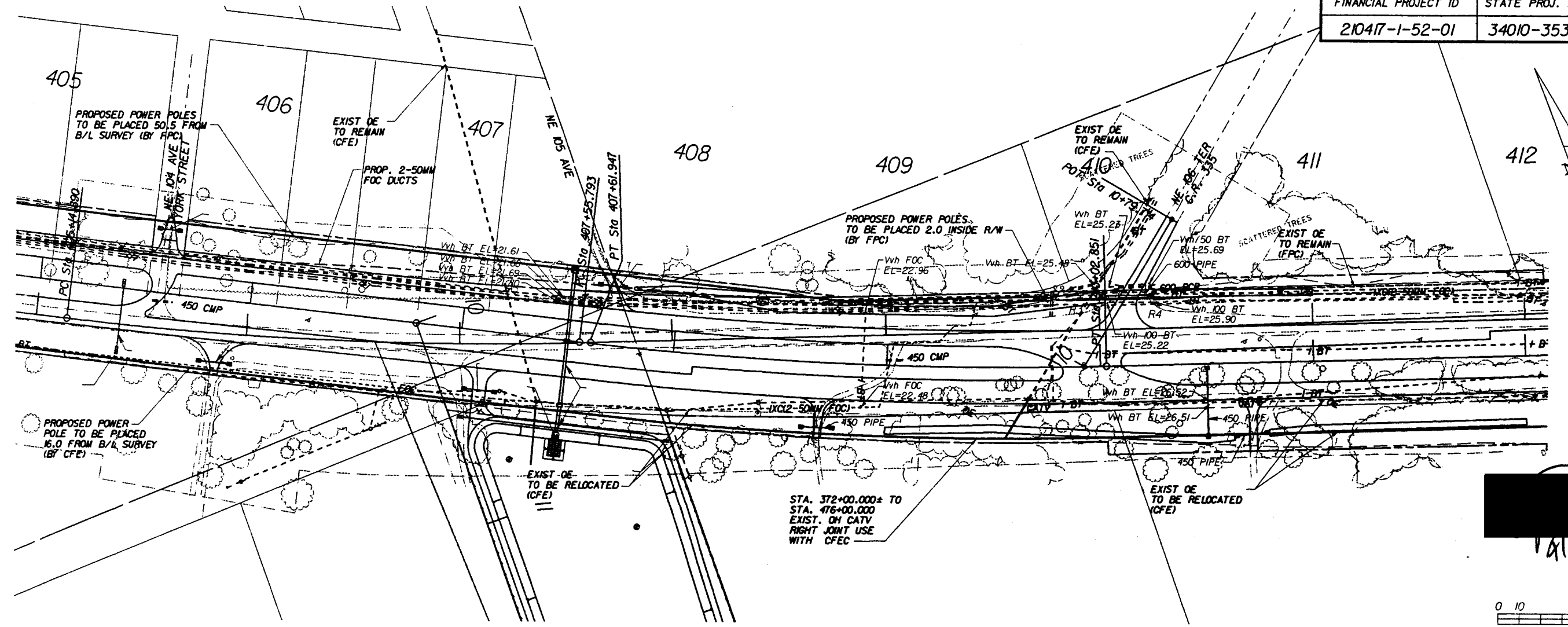
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**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
STA. 398+00.000 TO STA. 405+00.000  
STATE ROAD 500

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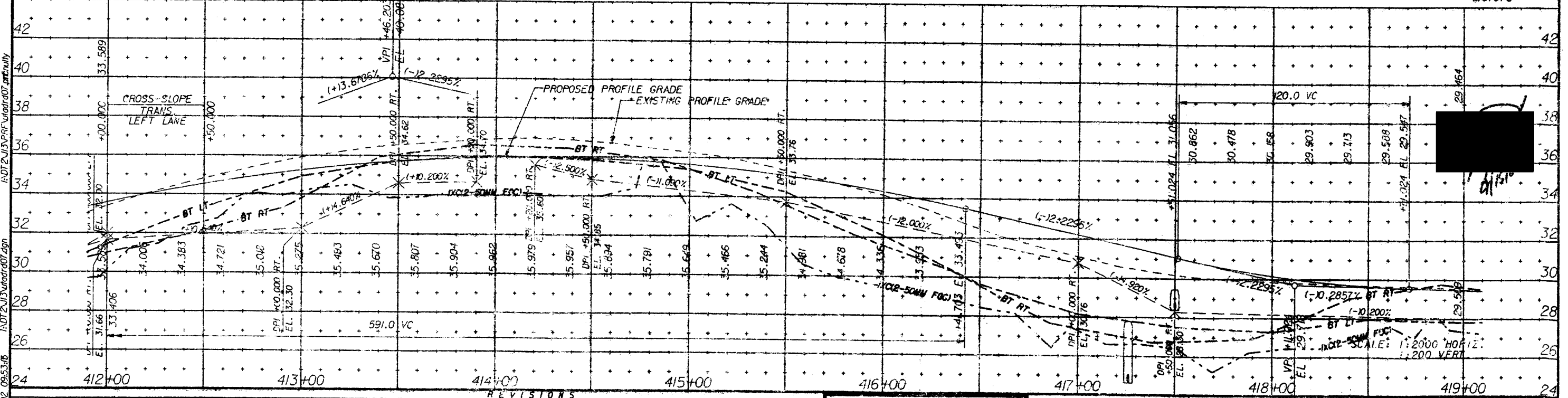
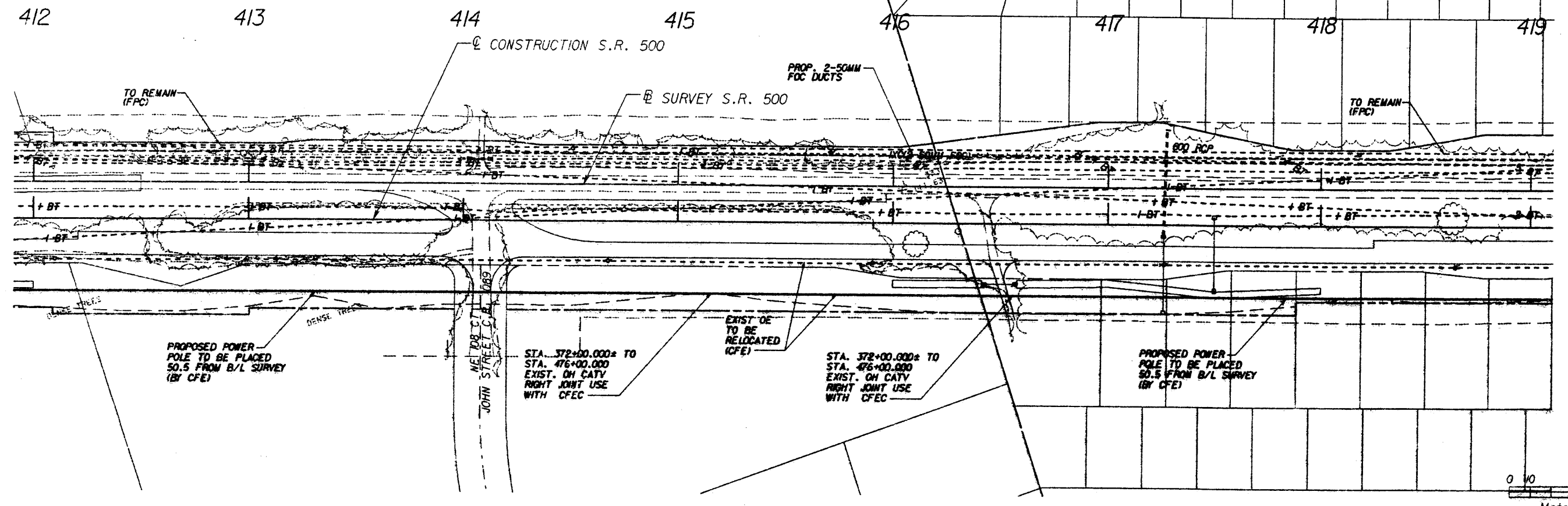


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**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
STA. 405+00.00 TO STA. 412+00.00  
STATE ROAD 500



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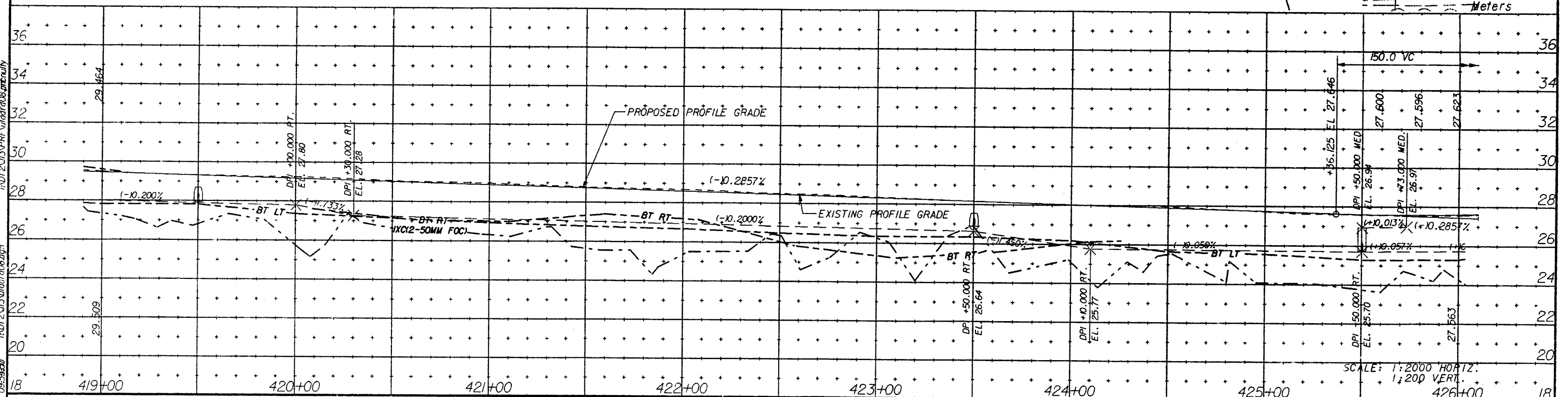
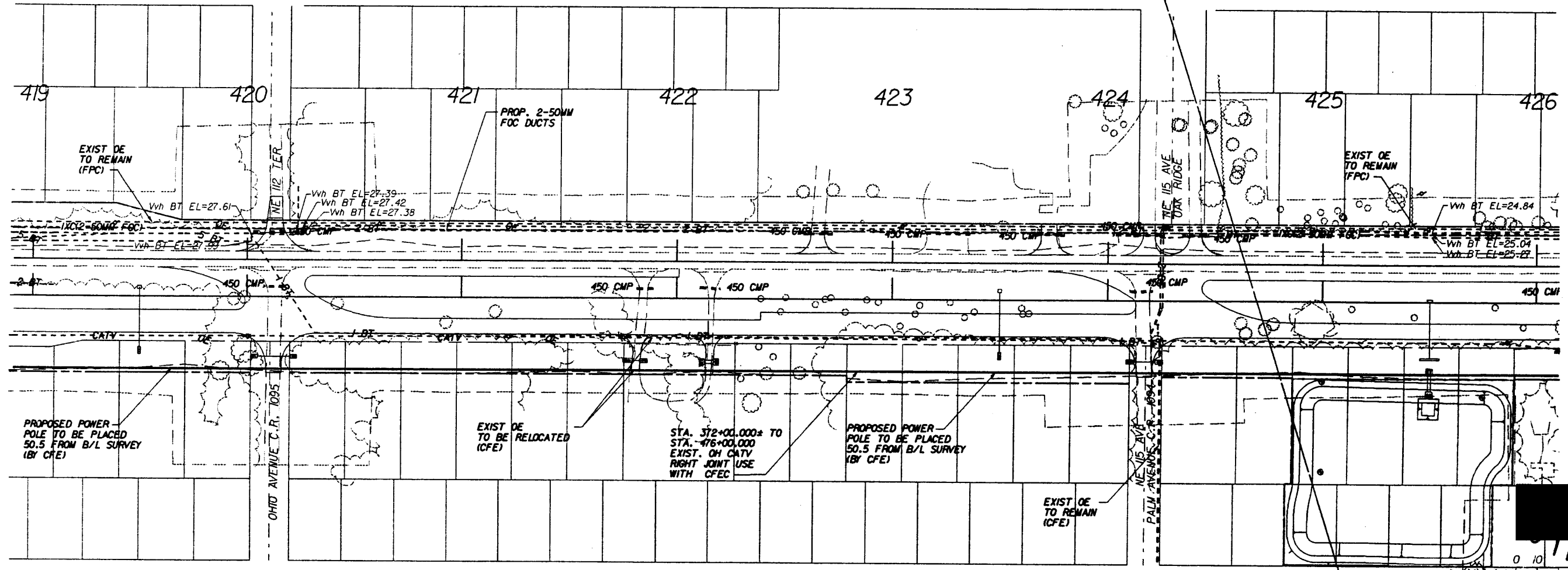
**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
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STATE ROAD 500

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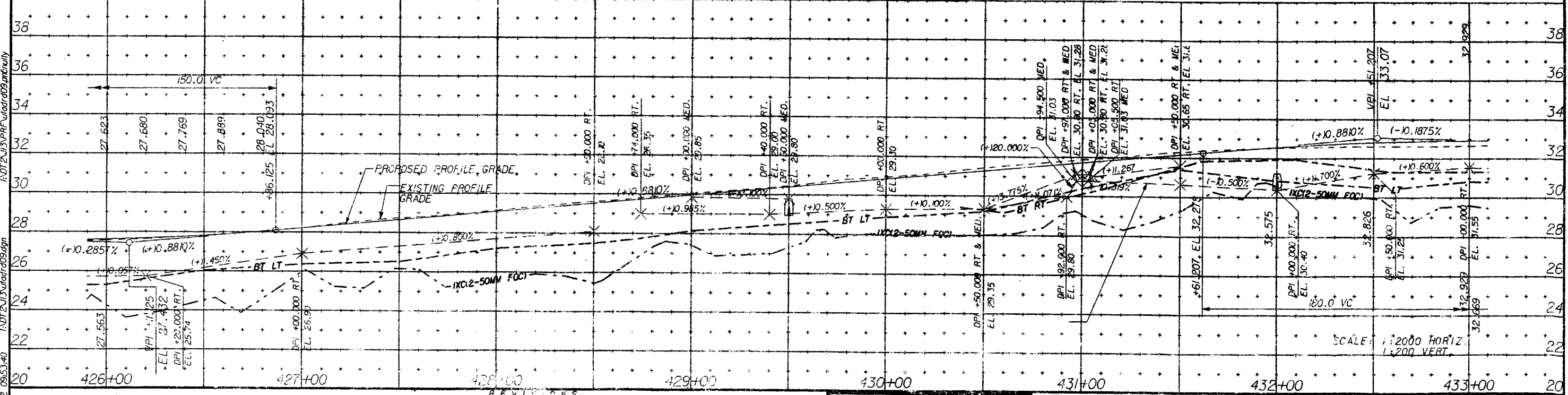
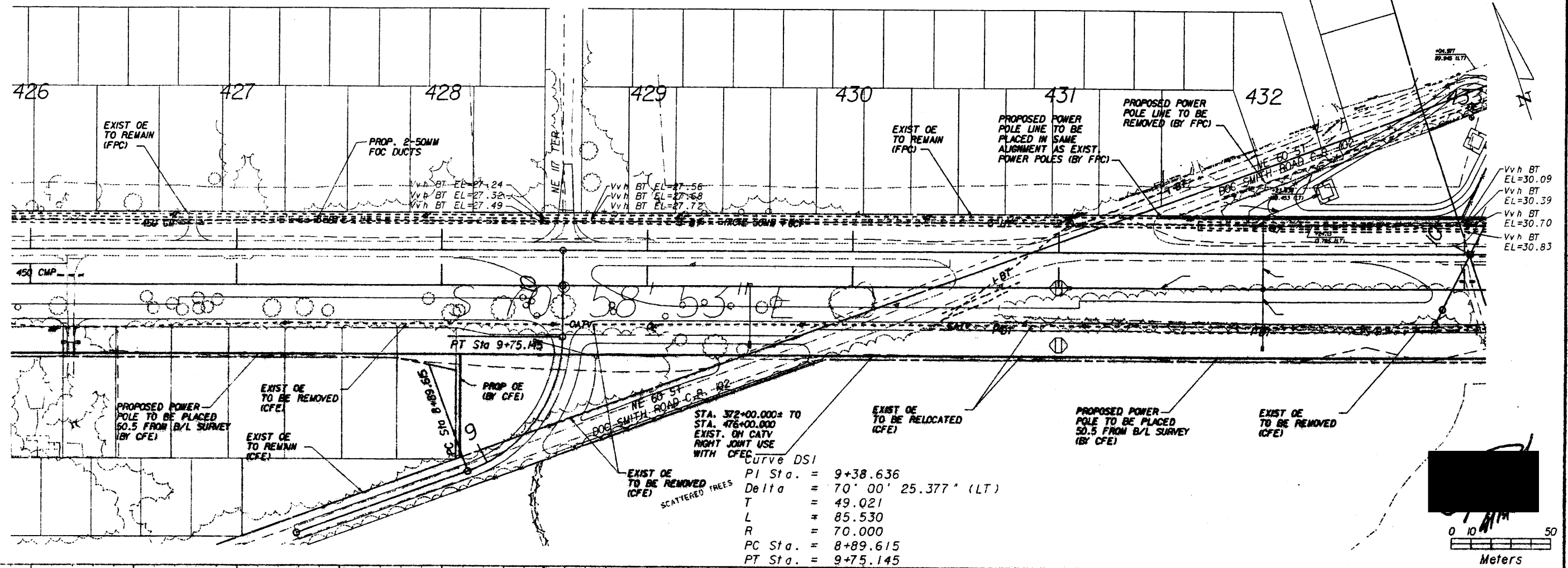
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REVISIONS											

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
STA. 419+00.000 TO STA. 426+00.000  
STATE ROAD 500





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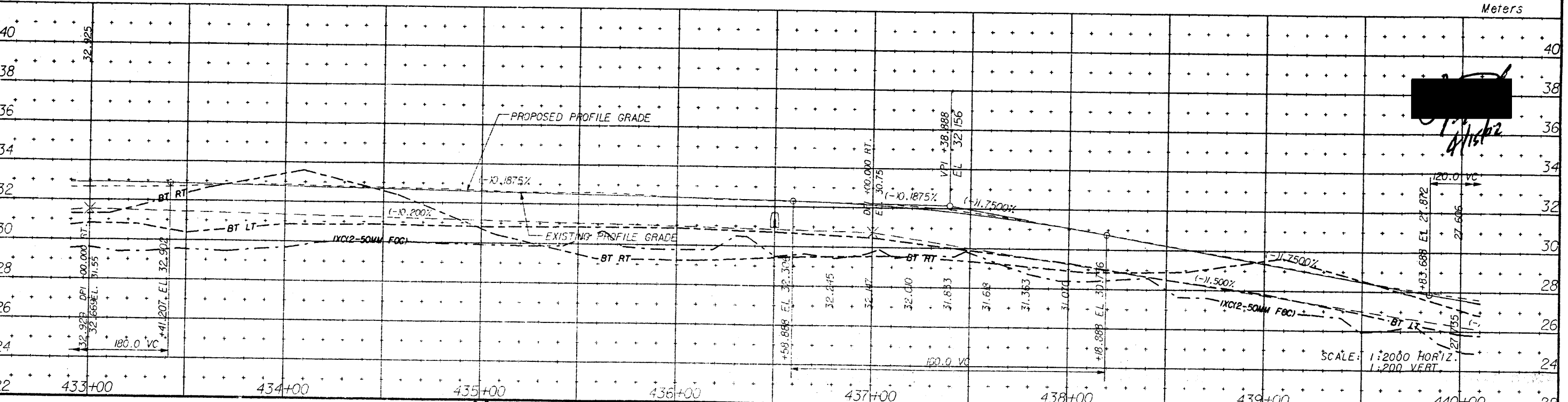
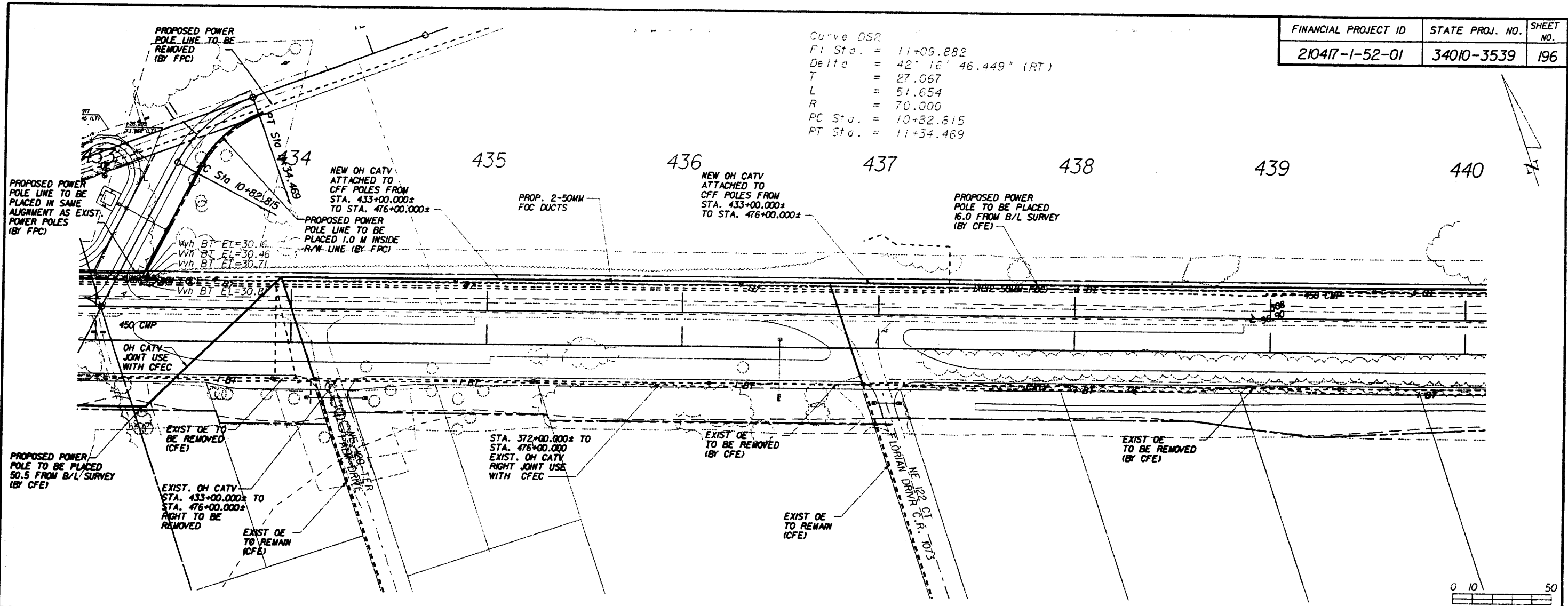
**BOWERS SINGLETON**  
& ASSOCIATES, INCORPORATED

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
STA. 426+00.00 TO STA. 433+00.00  
STATE ROAD 500

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Curve DS2  
 PI Sta. = 11+09.882  
 Delta = 42° 16' 46.449" (RT)  
 T = 27.067  
 L = 51.654  
 R = 70.000  
 PC Sta. = 10+82.815  
 PT Sta. = 11+34.469



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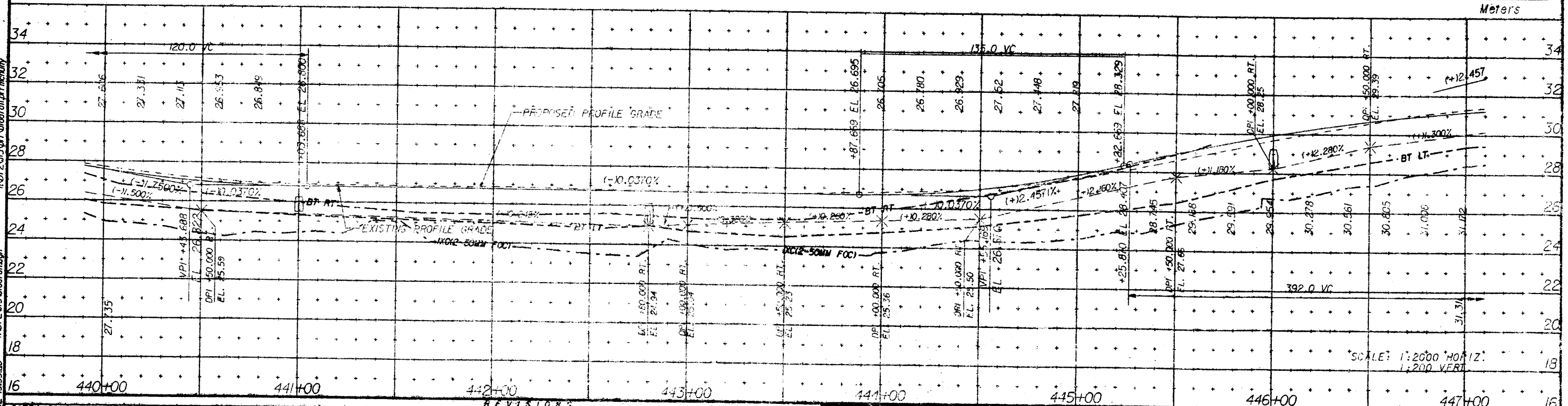
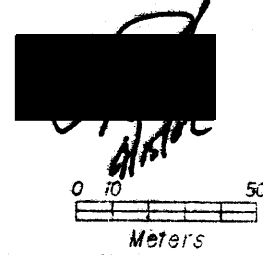
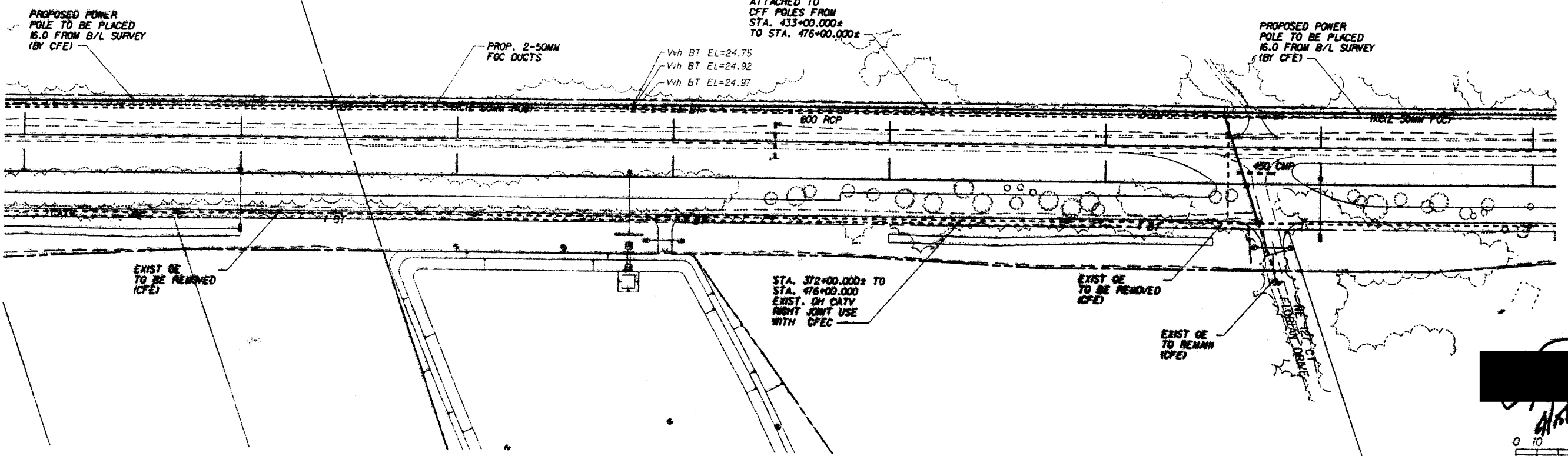
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REVISIONS											

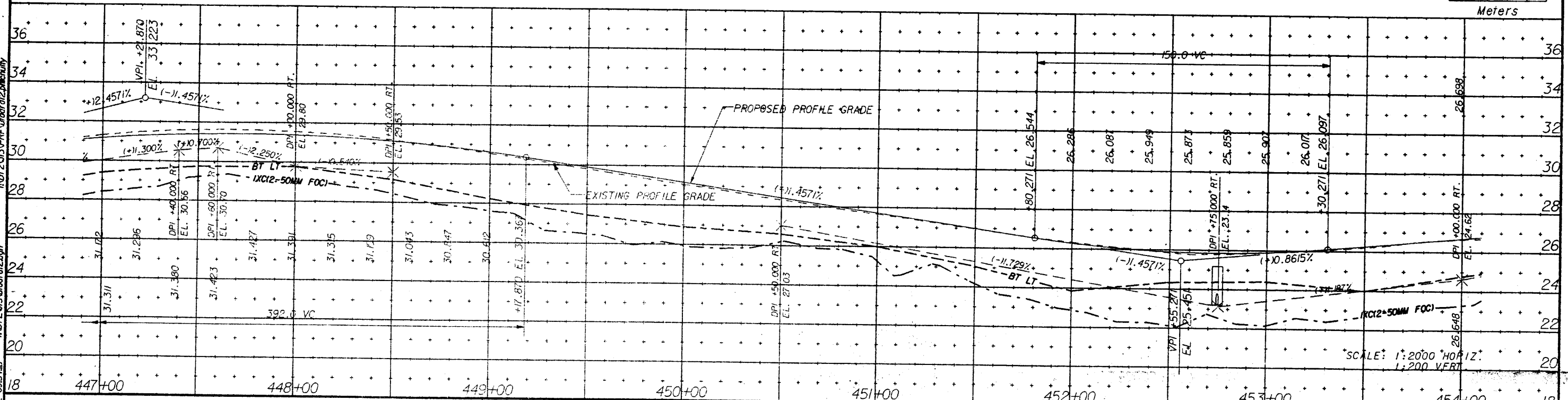
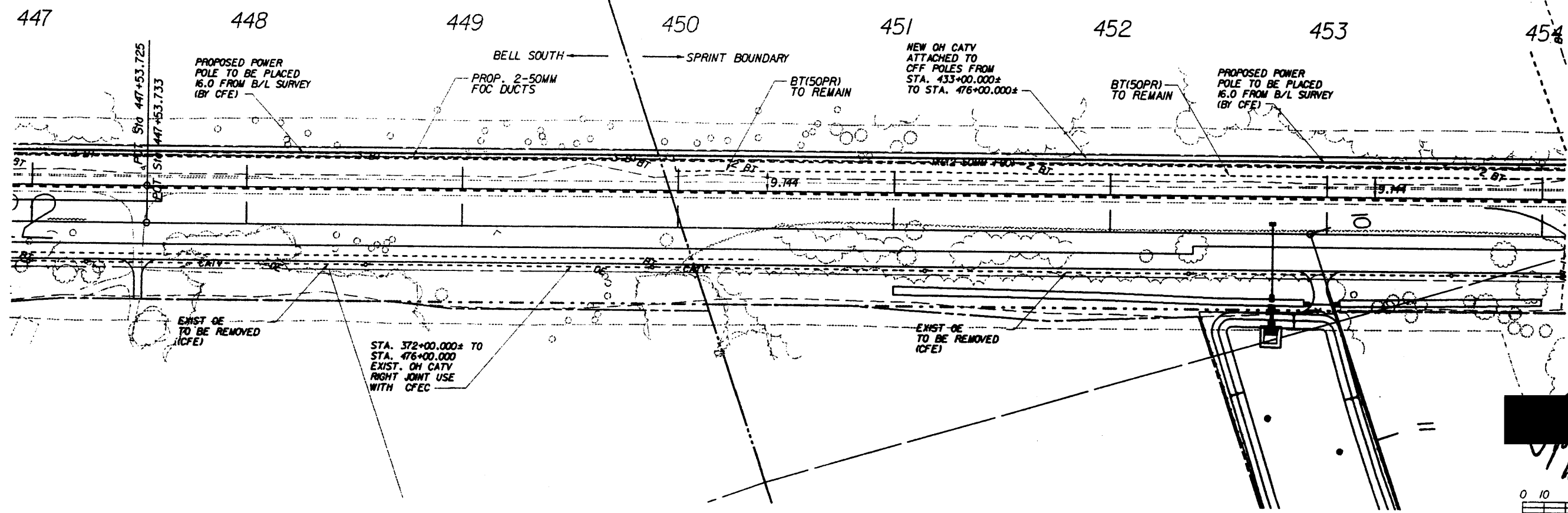
**BOWYER-SINGLETON**  
 & ASSOCIATES, INCORPORATED

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
 STA. 433+00.000 TO STA. 440+00.000  
 STATE ROAD 500

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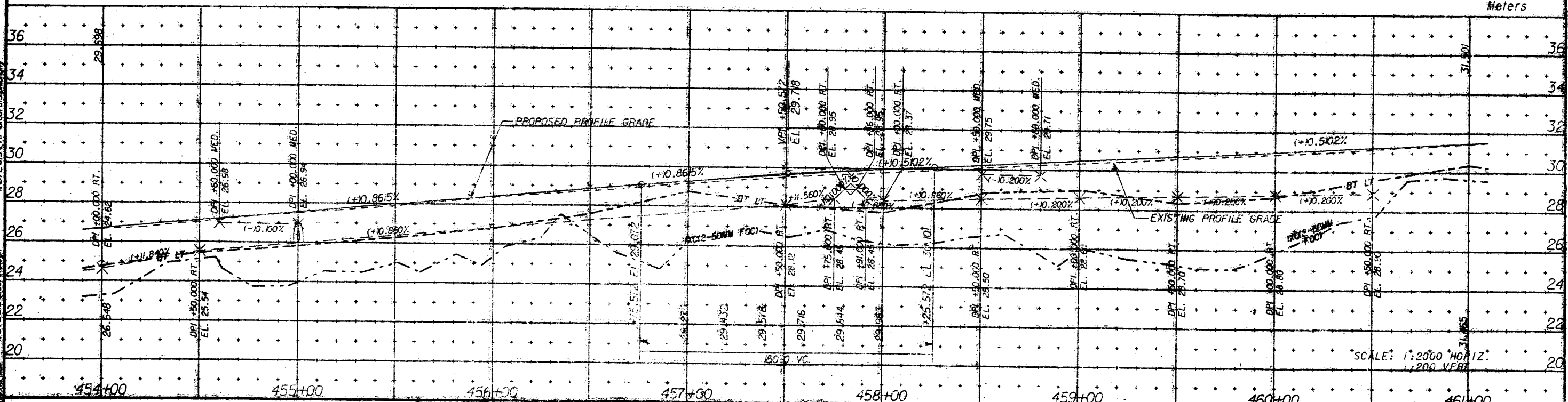
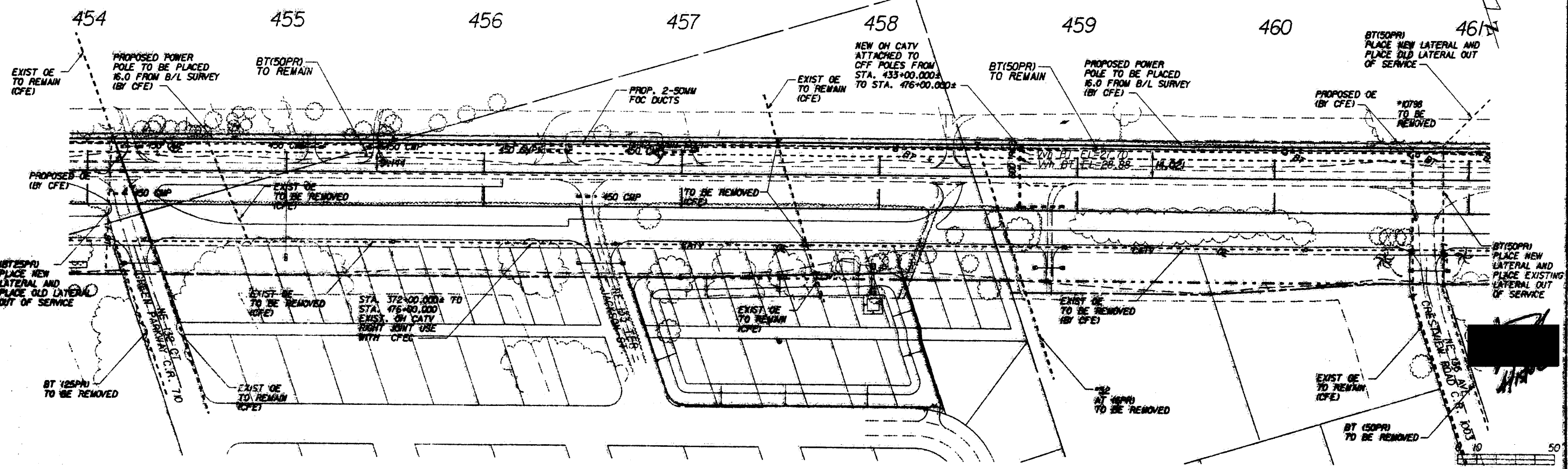
**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

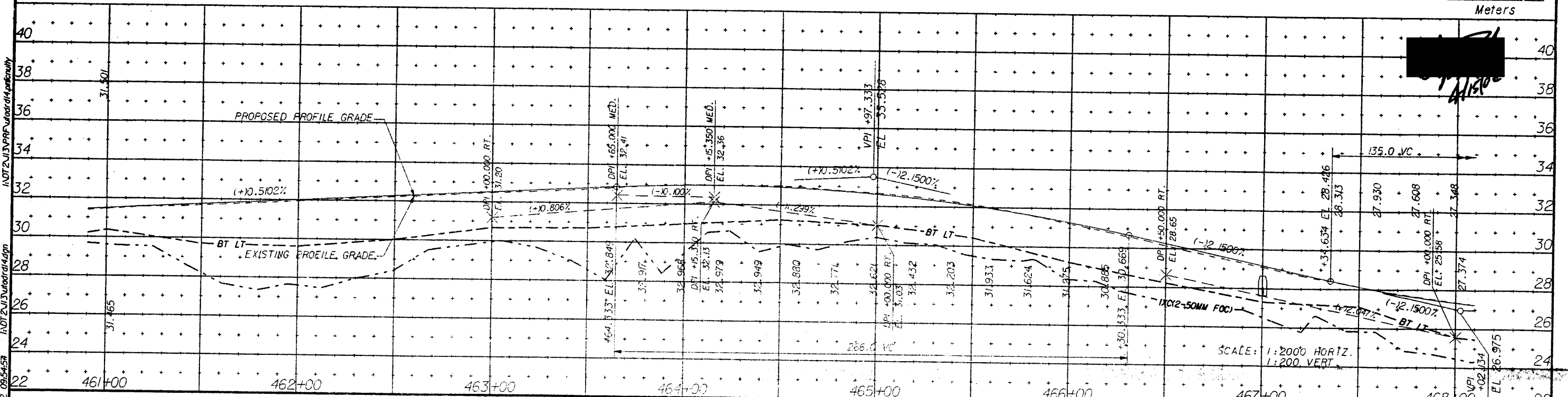
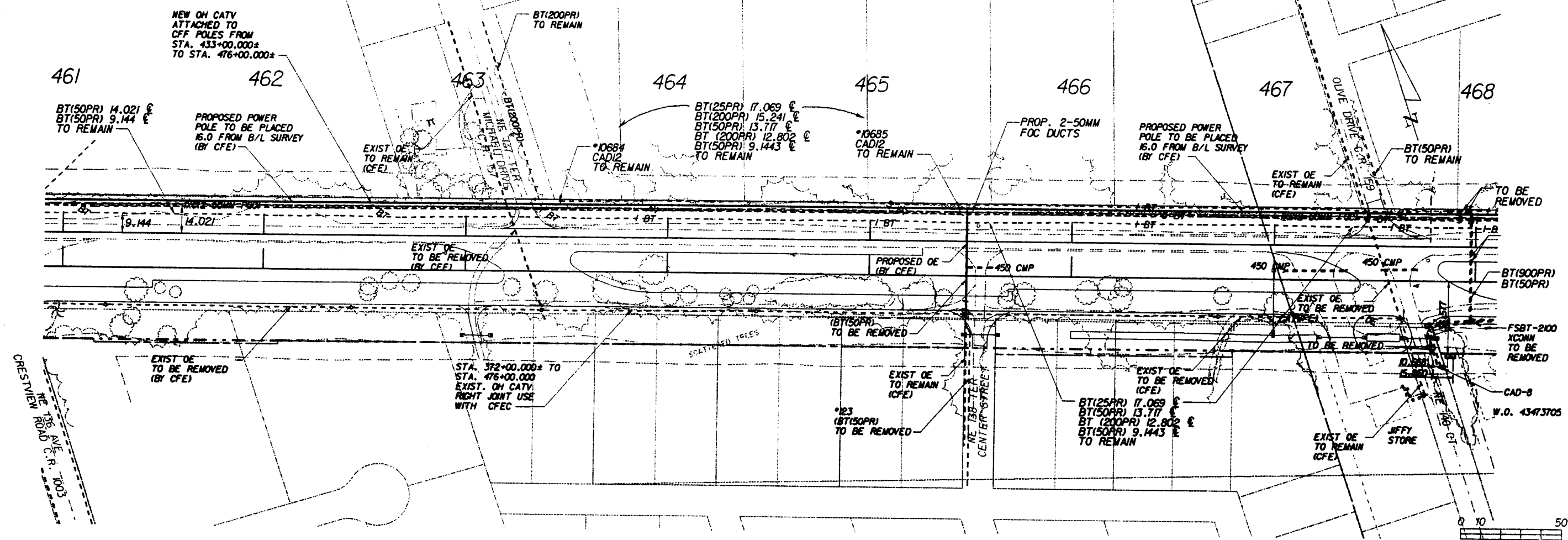
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
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STATE ROAD 500

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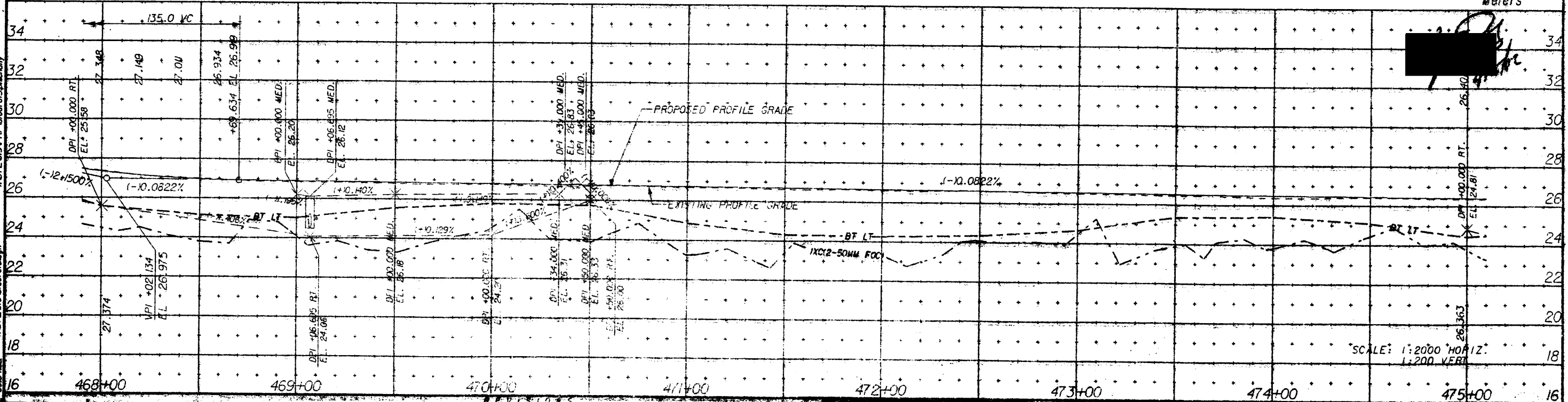
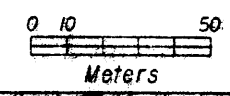
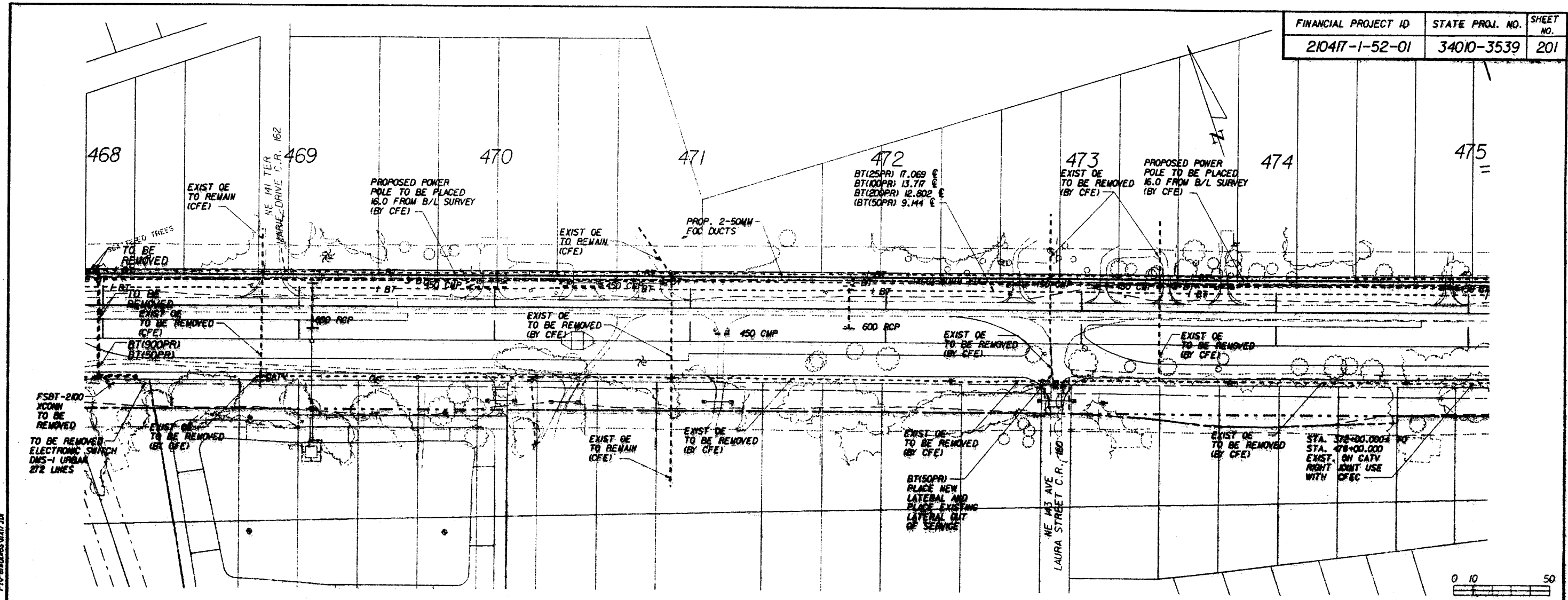


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**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**UTILITY ADJUSTMENT SHEET**  
 STA. 461+00.00 TO STA. 468+00.00  
 STATE ROAD 500

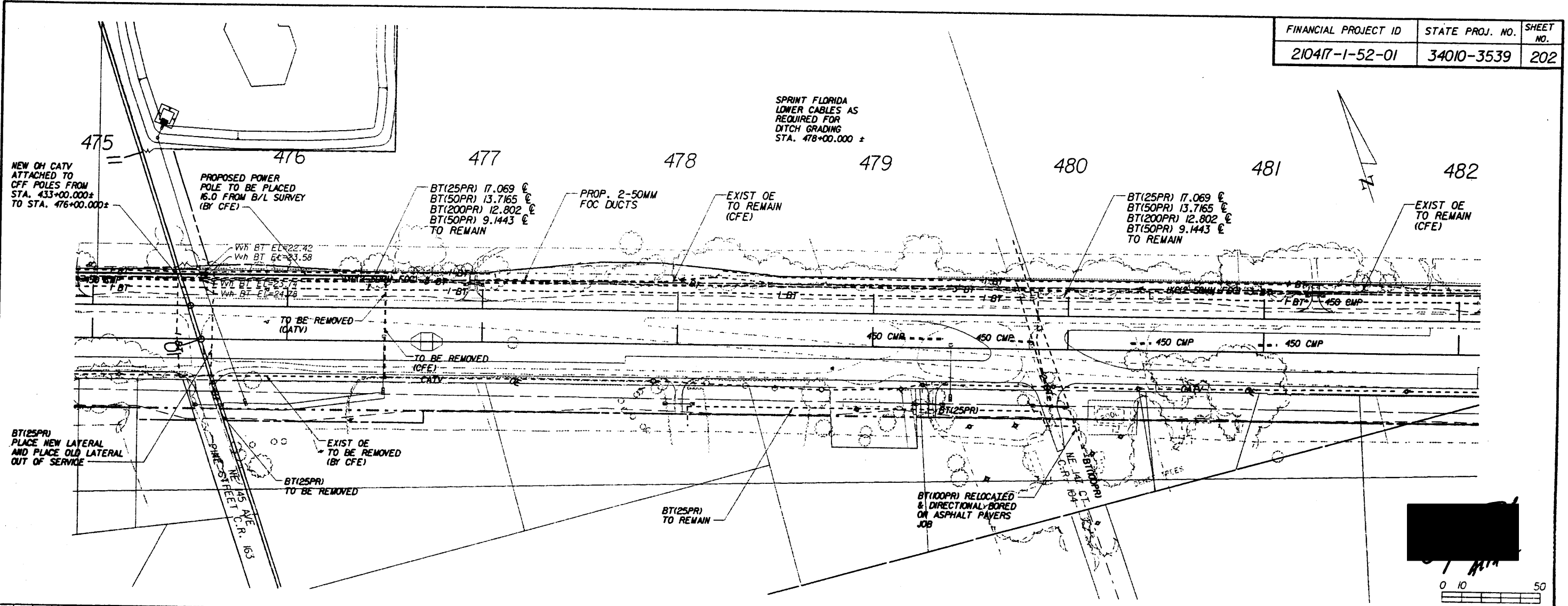
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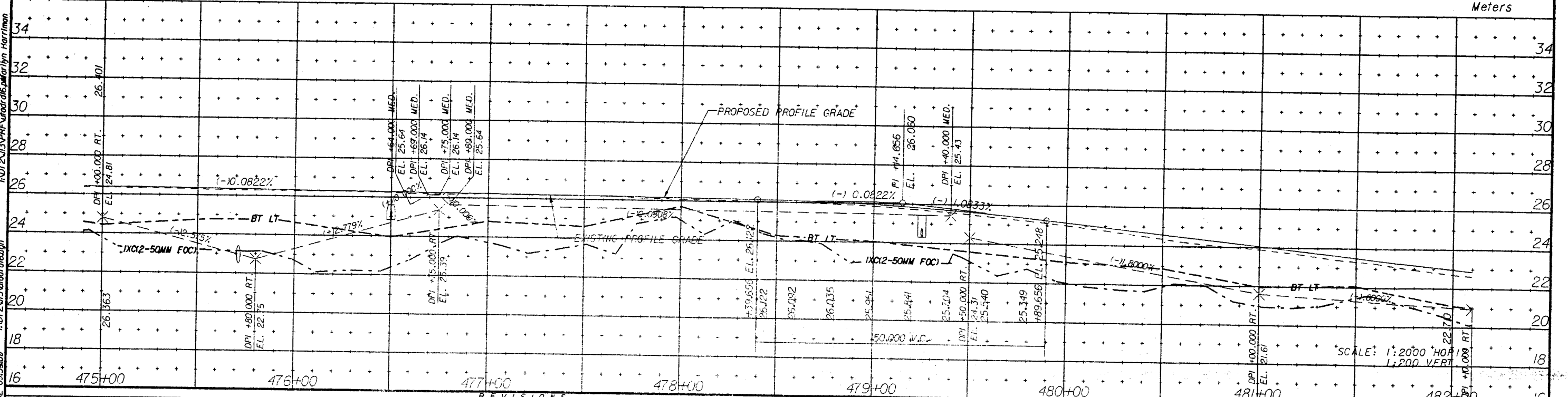


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SPRINT FLORIDA  
LOWER CABLES AS  
REQUIRED FOR  
DITCH GRADING  
STA. 478+00.000 ±



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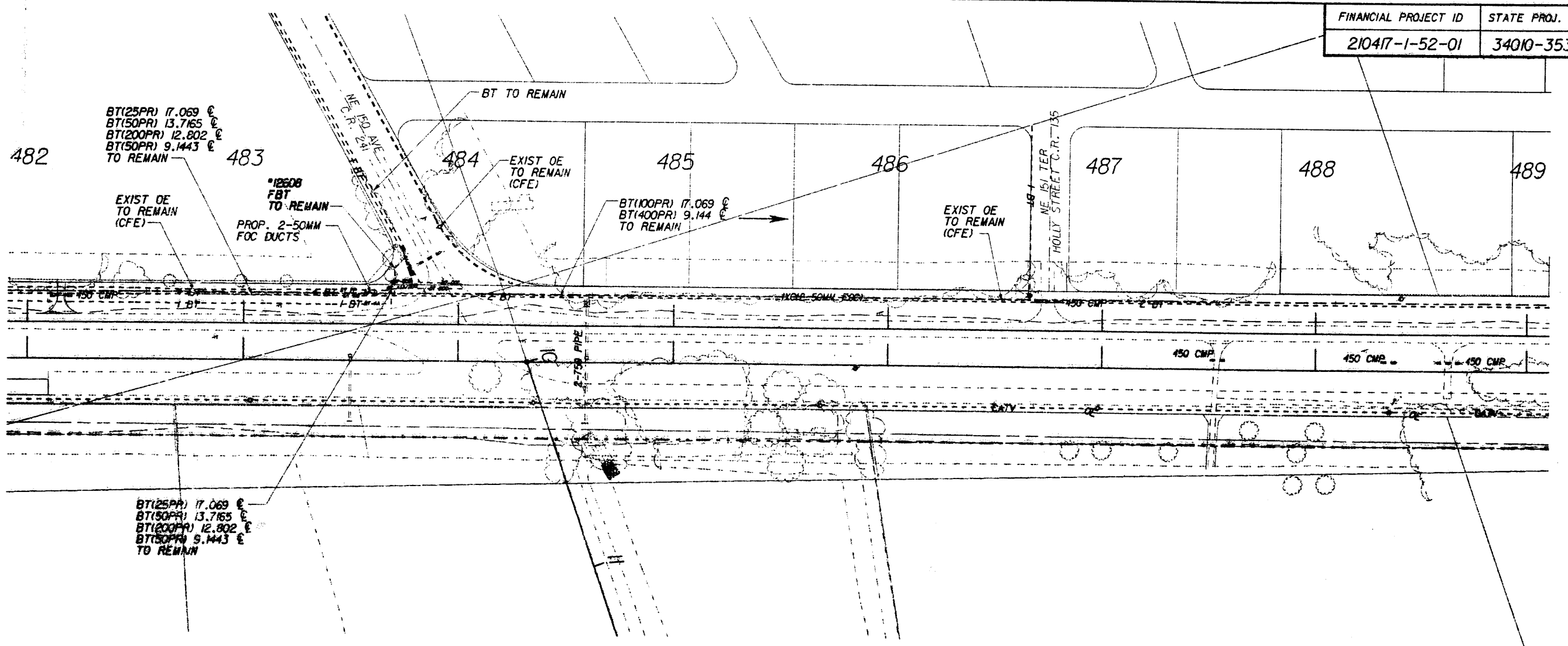


REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**  
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

**UTILITY ADJUSTMENT SHEET**  
STA. 475+00.000 TO STA. 482+00.000  
STATE ROAD 500





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<p>Profile view diagram showing vertical curve data and utility line elevations. Key features include:</p> <ul style="list-style-type: none"> <li><b>Vertical Curve:</b> 120.000 V.C. with elevations: 20.600, 20.436, 20.312, 20.228, 20.183, 20.175, 20.297.</li> <li><b>Grades:</b> -1.2883% and +0.1071%.</li> <li><b>Utility Lines:</b> 150 CM PIPES, 12608 FBT TO REMAIN, 150 CM PIPES.</li> <li><b>Labels:</b> D.P.I. +10.000 RT EL. 20.95, EXISTING PROFILE GRADE, 150 CM PIPES.</li> </ul>									
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[Redacted Signature]

A. CONSTRUCTION ACTIVITY: Construct drainage structures, ditches, pipes and ponds.  
Construct temporary transition and construct proposed right roadway from Williston to C.R. 241.

PROJECT LIMITS: \_\_\_\_\_  
 PROJECT DESCRIPTION: State Road 500, Upgrade existing two lane roadway to a four lane divided intrastate roadway.

B. MAJOR SOIL DISTURBING ACTIVITIES:  
1. Earthwork to construct drainage structures and ponds.  
2. Earthwork to construct temporary detours.  
3. Earthwork to construct new road.

C. TOTAL PROJECT AREA: 232 Hectare  
 TOTAL AREA TO BE DISTURBED: 232 Hectare

D. (1) RUNOFF COEFFICIENTS BEFORE, DURING, AND AFTER CONSTRUCTION:  
C. Before: 0.30, During: 0.40, After: 0.35

(2) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:  
Basin 1 - 3.84 Hectares of Hydrologic Group Type A soils  
Basin 2 - 16.37 Hectares of Hydrologic Group Type A soils  
Basin 3 - 11.38 Hectares of Hydrologic Group Type A soils  
Basin 4 - 17.72 Hectares of Hydrologic Group Type A soils  
Basin 5 - 2.52 Hectares of Hydrologic Group Type A soils  
Basin 6 - 19.51 Hectares of Hydrologic Group Type A soils  
Basin 7 - 12.04 Hectares of Hydrologic Group Type A soils  
Basin 7A - 6.92 Hectares of Hydrologic Group Type A soils  
Basin 8 - 2.45 Hectares of Hydrologic Group Type A soils  
Basin 9 - 18.55 Hectares of Hydrologic Group Type A soils  
Basin 10 - 9.34 Hectares of Hydrologic Group Type A soils  
Basin 11 - 6.28 Hectares of Hydrologic Group Type A soils  
Basin 12 - 10.89 Hectares of Hydrologic Group Type A soils  
Basin 13 - 11.38 Hectares of Hydrologic Group Type A soils

(3) ESTIMATES OF SIZE OF DRAINAGE AREA FOR EACH OUTFALL:  
N/A

E. FOR LOCATIONS OF DRAINAGE AREAS AND OUTFALLS,  
SEE See Drainage map.

f. (1) NAME OF RECEIVING WATERS: Landlocked Basins.

(2) WETLAND AREA:

2. CONTROLS  
 NARRATIVE - SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS

Phase I  
Construct drainage structures and ponds (work in reverse of flow).  
Construct proposed roadway (excluding friction course and final striping).  
Construct temporary transitions to maintain two way traffic.

Phase II  
Construct inside shoulder, mill and resurface inside lane.

Phase III  
Construct outside shoulder and mill and resurface outside lane. Place friction course and final striping.

A. EROSION AND SEDIMENT CONTROLS:  
 (1) STABILIZATION PRACTICES:  
 TEMPORARY SODDING  
 TEMPORARY GRASSING  
 PERMANENT PLANTING, SODDING, OR SEEDING  
 TEMPORARY MULCHING  
 ARTIFICIAL COVERING  
 BUFFER ZONES  
 PRESERVATION OF NATURAL RESOURCES

OTHER:

(2) STRUCTURAL PRACTICES:  
 SAND BAGGING  
 SILT FENCES  
 HAY BALES  
 BERMS  
 DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES  
 PIPE SLOPE DRAINS  
 FLUMES  
 ROCK BEDDING AT CONSTRUCTION EXIT  
 TIMBER BEDDING AT CONSTRUCTION EXIT  
 DITCH LINER  
 SEDIMENT TRAPS  
 SEDIMENT BASINS  
 STORM INLET SEDIMENT TRAP  
 STONE OUTLET STRUCTURES  
 CURBS AND GUTTERS  
 STORM SEWERS  
 VELOCITY CONTROL DEVICES  
 TURBIDITY BARRIER  
 RIP RAP

OTHER:

B. DESCRIPTION OF STORM WATER MANAGEMENT:  
Water quality treatment will be provided by construction of fourteen stormwater retention ponds. Runoff will be collected and conveyed by proposed ditches and pipes to the ponds.

C. OTHER CONTROLS

(1) WASTE DISPOSAL: Solid waste must be disposed of offsite at an approved landfill. All fertilizer, hydrocarbon or other chemical containers shall be disposed of by the contractor according to EPA's standard practices as detailed by the manufacturer.

(2) OFFSITE VEHICLE TRACKING:  
 HAUL ROADS DAMPENED FOR DUST CONTROL  
 LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN  
 EXCESS DIRT ON ROAD REMOVED DAILY  
 STABILIZED CONSTRUCTION ENTRANCE

OTHER:

(3) SANITARY WASTE: "Port-O-Let" to be provided and maintained by a duly licensed contractor in accordance with state, local and federal regulations.

(4) FERTILIZERS AND PESTICIDES: Fertilizer is placed on all permanent sodding, fertilizer and pesticides are controlled according to section 982 of the Standard Specifications for Road and Bridge Construction and manufacturers recommendations. No fertilizer will be spread when wind speed is greater than 15 MPH.

(5) NON-STORM WATER DISCHARGE (INCLUDING SPILL REPORTING): Hazardous waste: When contractor encounters spill, construction will stop and work will not resume until directed by the Project Engineer. Disposition of the hazardous waste will be made in accordance with requirements and regulations of any local, state or federal agency having jurisdiction (Spec 8-49). Dewatering if necessary will be discharged into onsite stabilized swales prior to discharge to U.S. Waters.

REMARKS:

D. APPROVED STATE, LOCAL PLANS, OR STORM WATER PERMITS:  
Southwest Florida Water Management District permit No.

3 MAINTENANCE: Maintenance of erosion and sediment controls will be performed through inspections. The contractor will be notified of any activities that are not in compliance. The contractor will be responsible for maintenance and repairs of erosion and sediment control devices and removal of erosion and sediment control devices after the Notice of Termination (NOT). Any necessary repairs shall be initiated within 24 hours of notification of Non - Compliance.

4 INSPECTION: An inspection report will be performed and completed weekly and within 24 hours after each rainstorm in excess of 5 mm. The Department shall maintain all records submitted by the contractor and complete all SWPPP inspection report forms required for the NPDES permit.

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**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 PROJECT ENGINEER: PLANNING SURVEYING & ENVIRONMENTAL

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**STORM WATER POLLUTION PREVENTION PLAN**

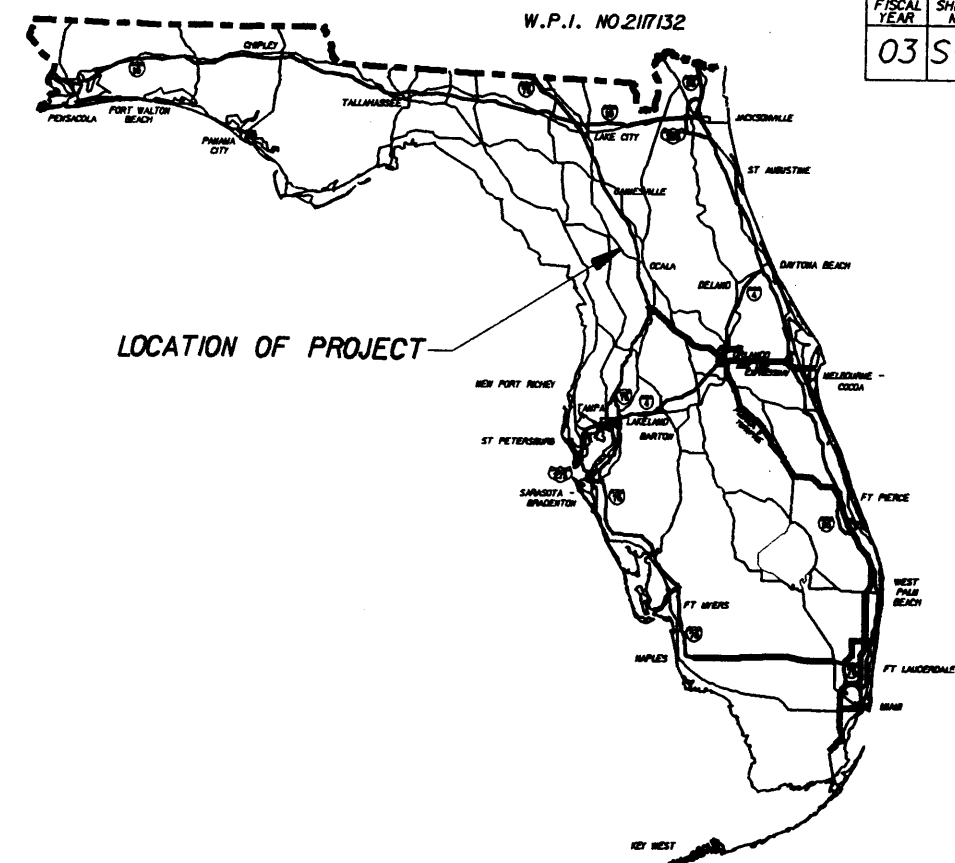
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**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**CONTRACT PLANS**

FINANCIAL PROJECT ID 210417-1-52-01  
STATE PROJECT NO. 34010-3539

LEVY COUNTY (34010)  
STATE ROAD NO. 500  
CITY OF BRONSON TO C.R. 241  
**SIGNING AND PAVEMENT MARKING PLANS**



**INDEX OF SIGNING AND PAVEMENT MARKING PLANS**

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2 THRU S-3	TABULATION OF QUANTITIES
S-4	GENERAL NOTES
S-5 THRU S-24	SIGNING AND PAVEMENT MARKING PLAN SHEETS
S-25	GUIDE SIGN DETAIL SHEET

GOVERNING STANDARDS AND SPECIFICATIONS:  
FLORIDA DEPARTMENT OF TRANSPORTATION,  
ROADWAY AND TRAFFIC DESIGN STANDARDS  
DATED JANUARY 2000, AND STANDARD  
SPECIFICATIONS FOR ROAD AND BRIDGE  
CONSTRUCTION DATED 2000, AS AMENDED  
BY CONTRACT DOCUMENTS.

PLAN SHEET REVISIONS

SIGNING AND PAVEMENT MARKING SHOP DRAWINGS  
TO BE SUBMITTED TO:

GREGORY J. PESCHONG, P.E.  
BOWYER-SINGLETON & ASSOCIATES, INC.  
520 SOUTH MAGNOLIA AVENUE  
ORLANDO, FLORIDA 32801  
407-843-5120

PLANS PREPARED BY:

**BOWYER-SINGLETON  
& ASSOCIATES, INCORPORATED**

BOWYER-SINGLETON & ASSOCIATES, INC.  
520 SOUTH MAGNOLIA AVENUE  
ORLANDO, FLORIDA 32801  
407-843-5120  
VENDOR NUMBER 59-137377

NOTE: THE SCALE OF THESE  
PLANS MAY HAVE CHANGED DUE TO  
REPRODUCTION.

NOTE: THIS IS A METRIC UNIT PROJECT

REVISIONS		
DATE	BY	DESCRIPTION

SIGNING AND PAVEMENT MARKING PLANS  
ENGINEER OF RECORD:  GREGORY J. PESCHONG, P.E.

P.E. NO. 42891

FDOT PROJECT COORDINATOR/MANAGER: GERALD BLANTON

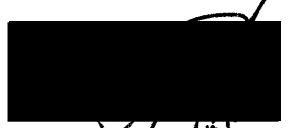




FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-4

1. ALL PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED IN PLANS.
2. ALL FLORIDA AND COUNTY ROUTE MARKERS SHALL CONFORM TO STANDARD INDEX NUMBER 17355.
3. OUTSIDE CORNERS OF SIGN FACE TO BE CUT CONCENTRIC WITH BORDER. BORDER TO BE MOUNTED TANGENT TO AND WITH EDGE OF SIGN.
4. THE COST FOR THE REMOVAL OF ANY EXISTING PAVEMENT MARKINGS NOT COVERED BY A SPECIFIC PAY ITEM NUMBER SHALL BE INCLUDED IN THE RELATED ITEM.
5. SIGNS SHALL BE CANTILEVERED AS NEEDED TO MEET OFFSET AND HEIGHT REQUIREMENTS AS SPECIFIED IN THE ROADWAY AND TRAFFIC DESIGN STANDARDS. ANY SIGN THAT IS CANTILEVERED WOULD REQUIRE CONCRETE FOOTING AND BREAKAWAY SUPPORT AS SPECIFIED IN STANDARDS. THIS INCLUDES THE COST OF CONCRETE FOOTING AND BREAKAWAY SUPPORT WHEN NEEDED.
6. SHOP DRAWINGS FOR LARGE GUIDE SIGN PANEL ATTACHMENT METHODS, AND FOR ANY SINGLE OR MULTI-COLUMN SIGN SUPPORTS AND ATTACHMENTS THAT ARE NON-STANDARD SHALL BE SUBMITTED TO THE ENGINEER OF RECORD SHOWN ON THE KEY SHEET. IT IS UNNECESSARY TO SUBMIT DRAWINGS FOR STANDARD SIGNS, SIGNS IDENTICAL TO PLAN DETAILS, OR STANDARD SUPPORTS AND ATTACHMENT HARDWARE COVERED BY PLANS OR STANDARD INDEX.
7. STANDARD INDEX 17302 NOTE NO. 5 IS MODIFIED TO READ: ALL SIGNS SHALL HAVE A MINIMUM MOUNTING HEIGHT OF 2.2 METERS AS MEASURED FROM THE BOTTOM OF THE SIGN PANEL TO A HORIZONTAL LINE EXTENDED FROM THE EDGE OF THE DRIVING LANE OR SIDEWALK WHICHEVER IS HIGHER. THIS INCLUDES RURAL SECTIONS AND SECONDARY SIGN PANELS.
8. UNLESS DIRECTED OTHERWISE BY THE PROJECT ENGINEER, THE CONTRACTOR SHALL DISPOSE OF ALL REMOVED SIGNING EQUIPMENT IN AREAS PROVIDED BY THE CONTRACTOR.
9. WHEN USED FOR MARKING OBJECTS, 2.4 METERS OR LESS FROM THE SHOULDER OR CURB, THE MOUNTING HEIGHT TO THE BOTTOM OF THE OBJECT MARKER SHALL BE 1.2 METERS ABOVE THE SURFACE OF THE NEAREST TRAFFIC LANE. WHEN USED TO MARK OBJECTS MORE THAN 2.4 METERS FROM THE SHOULDER OR CURB, THE MOUNTING HEIGHT TO THE BOTTOM OF THE OBJECT MARKER SHALL BE 1.2 METERS ABOVE THE GROUND.

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 James Johnson  
 2/27/02 09:23:25

  
 4/13

REVISIONS			
DATE	BY	DESCRIPTION	DATE

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 520 S. Magnolia Avenue/Orlando, Florida 32801  
 FIRM Certificate of Authorization No. 1221

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-5

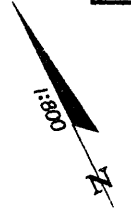
370

371

372

373

CONST. S.R. 500  
S 62° 54' 19" E



373

374

375

376

BEGIN CONSTRUCTION  
S.R. 500 CONNECT TO EXISTING PAVEMENT  
CONST. S.R. 500 =  
STA 373+92.939

150 DOUBLE YELLOW  
(30M)

2700-40-1  
750X750  
(R1-1)

REDUCED  
SPEED  
AHEAD

2700-46-11  
TO BE REMOVED



2700-40-1  
W6-3  
750 X 750

900X1200  
R2-1  
2700-40-1

76  
SPEED  
LIMIT  
55

S 62° 54' 19" E

CONST. S.R. 500  
150 WHITE

150 DOUBLE YELLOW

C/R RPM'S  
(SPACED @ 12.0) (TYP)  
150 WHITE  
150 WHITE SKIP  
(3.0-9.0)



600 WHITE

S 71° 12' 22" E

A/A RPM'S  
(SPACED @ 9.0) (TYP)  
150 WHITE

450 YELLOW  
@ 45°, 9.0 C-C

150 DOUBLE YELLOW



2700-40-1  
W6-1  
900 X 900  
68



150 WHITE  
150 DOUBLE YELLOW

C/R RPM'S  
(SPACED @ 12.0) (TYP)

150 WHITE SKIP  
(3.0-9.0)

33  
M3-3  
600X300  
W4-1a  
600X300  
M1-2  
600X600  
2700-40-1



2700-46-11  
TO BE REMOVED

2700-46-11  
TO BE REMOVED

76  
SPEED  
LIMIT  
55  
900X1200  
R2-1  
2700-40-1

STOP  
2700-46-11  
TO BE REMOVED

2700-46-11  
TO BE REMOVED

2:25/02 16:46:30 \\210417\JOBS\01\210417\plans\01.dgn I:\DT\210417\plans\01.dgn James Johnson

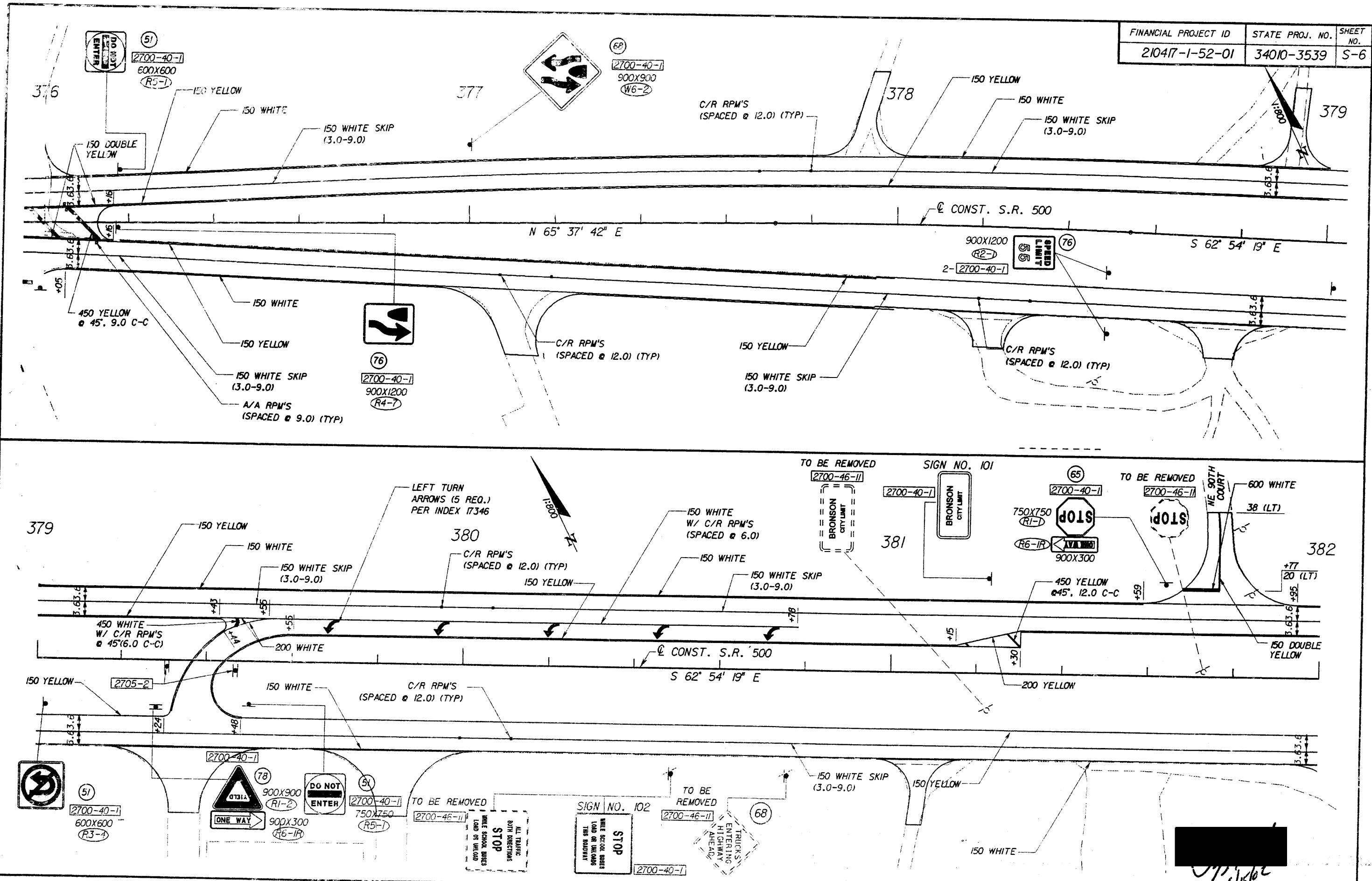
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER SINGLETON**  
& ASSOCIATES, INCORPORATED

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
STA 373+92.939 TO STA 376+00.000

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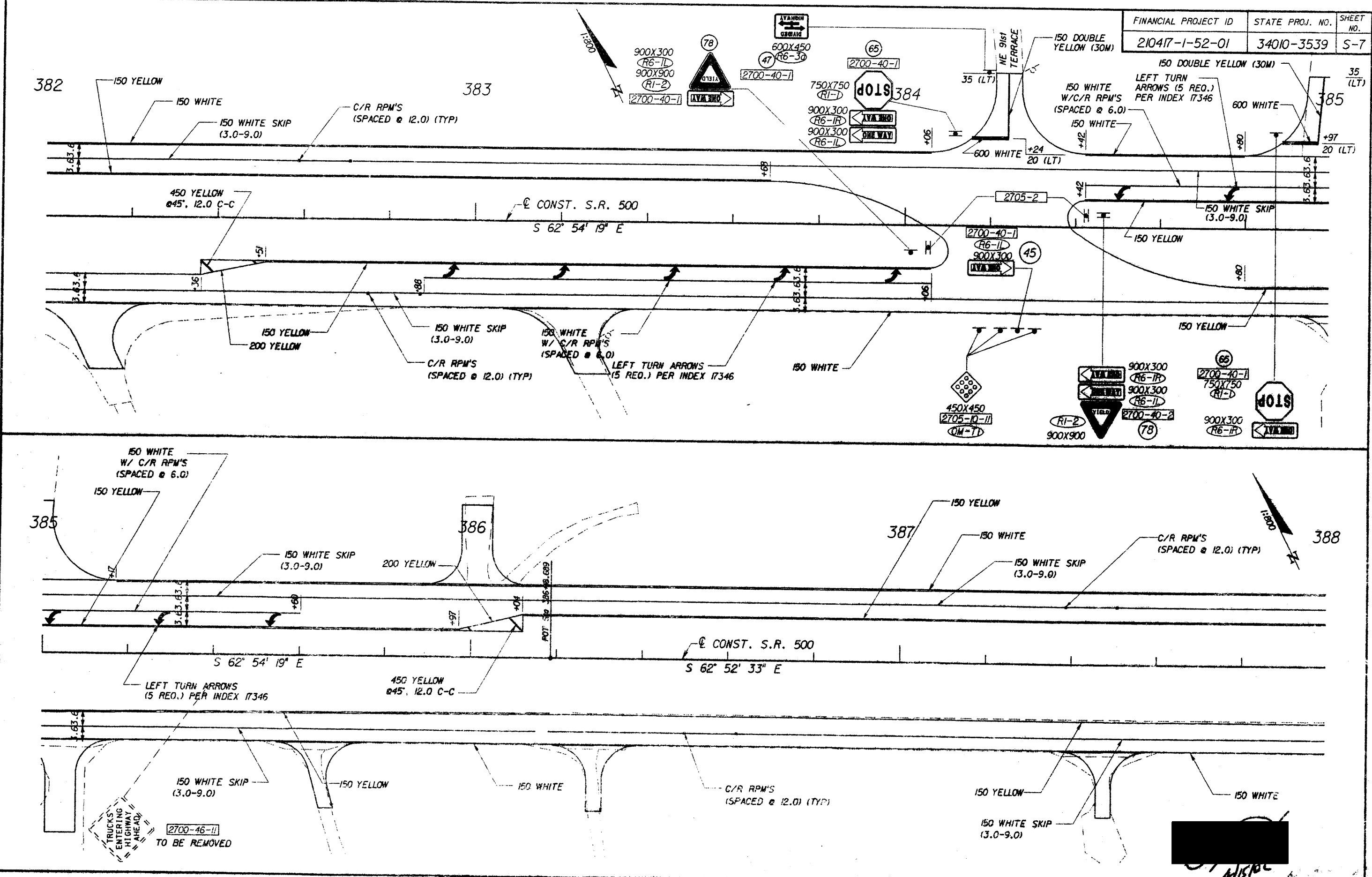
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**SIGNING AND PAVEMENT MARKING**  
 STA 376+00.00 TO STA 382+00.00



FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-7



I:\210417-1-52-01\Signing\SECT\101\19\210417-1-52-01.dgn P:\Vendables\JIT\210  
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 2/27/02 08:57:09

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
STA 382+00.00 TO STA 388+00.00

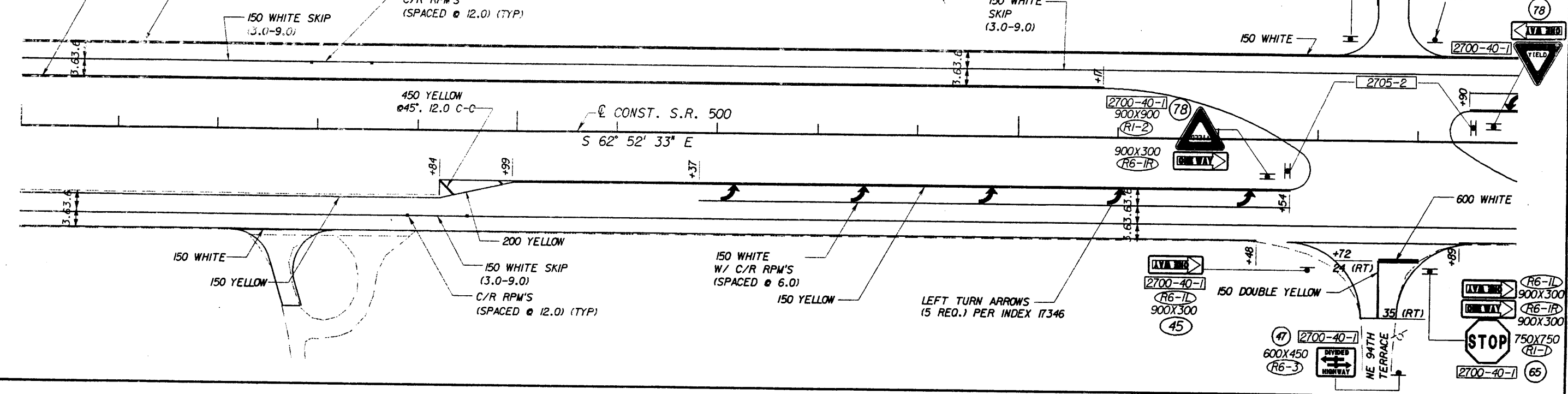
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388

389

390

391

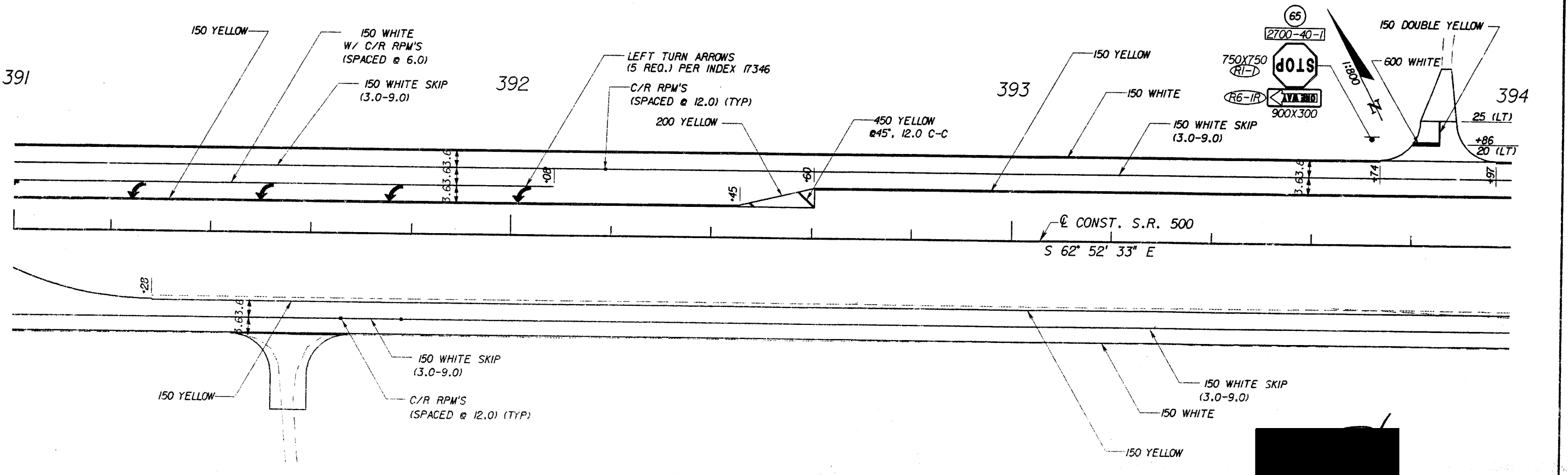


391

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394



2/26/02 11:04:10 \\2017000\BBS\DT\2\113\plansp04.dgn I:\DT\2\113\plansp04.dgn I:\DT\2\113\plansp04.dgn I:\DT\2\113\plansp04.dgn I:\DT\2\113\plansp04.dgn

DATE		BY		DESCRIPTION	

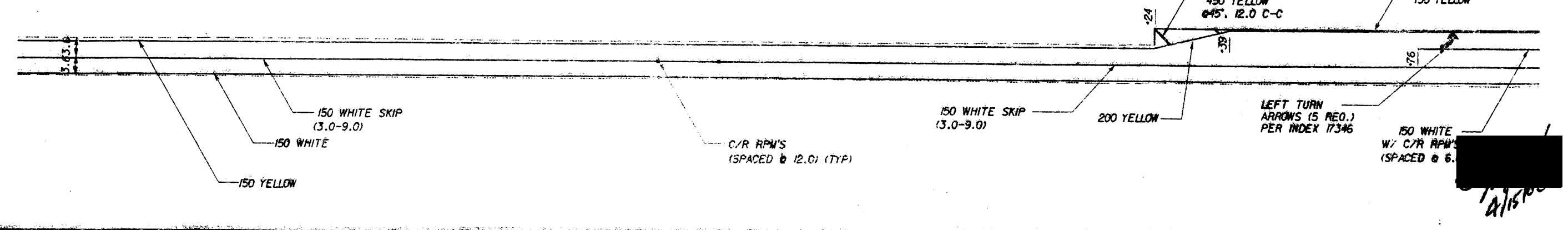
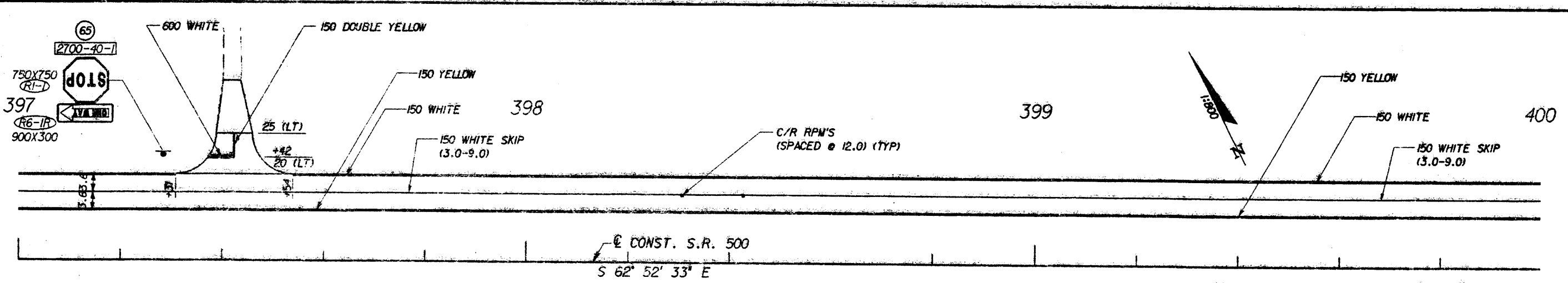
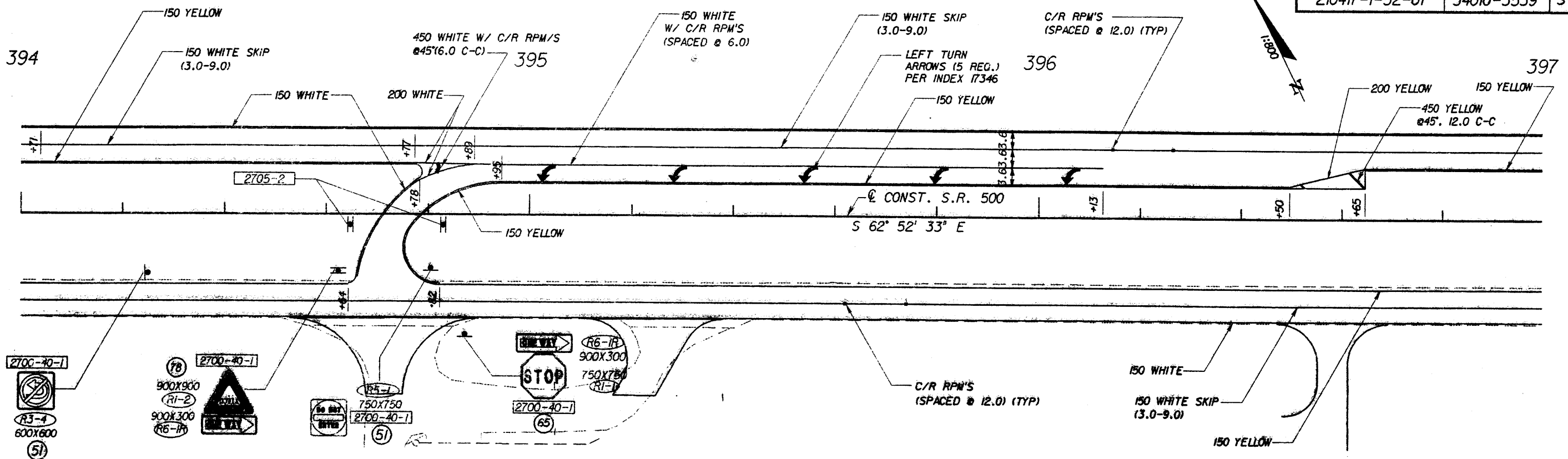
**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 FINANCIAL PLANNING SURVEYING ENVIRONMENTAL

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
 STA 388+00.00 TO STA 394+00.00



FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-9



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

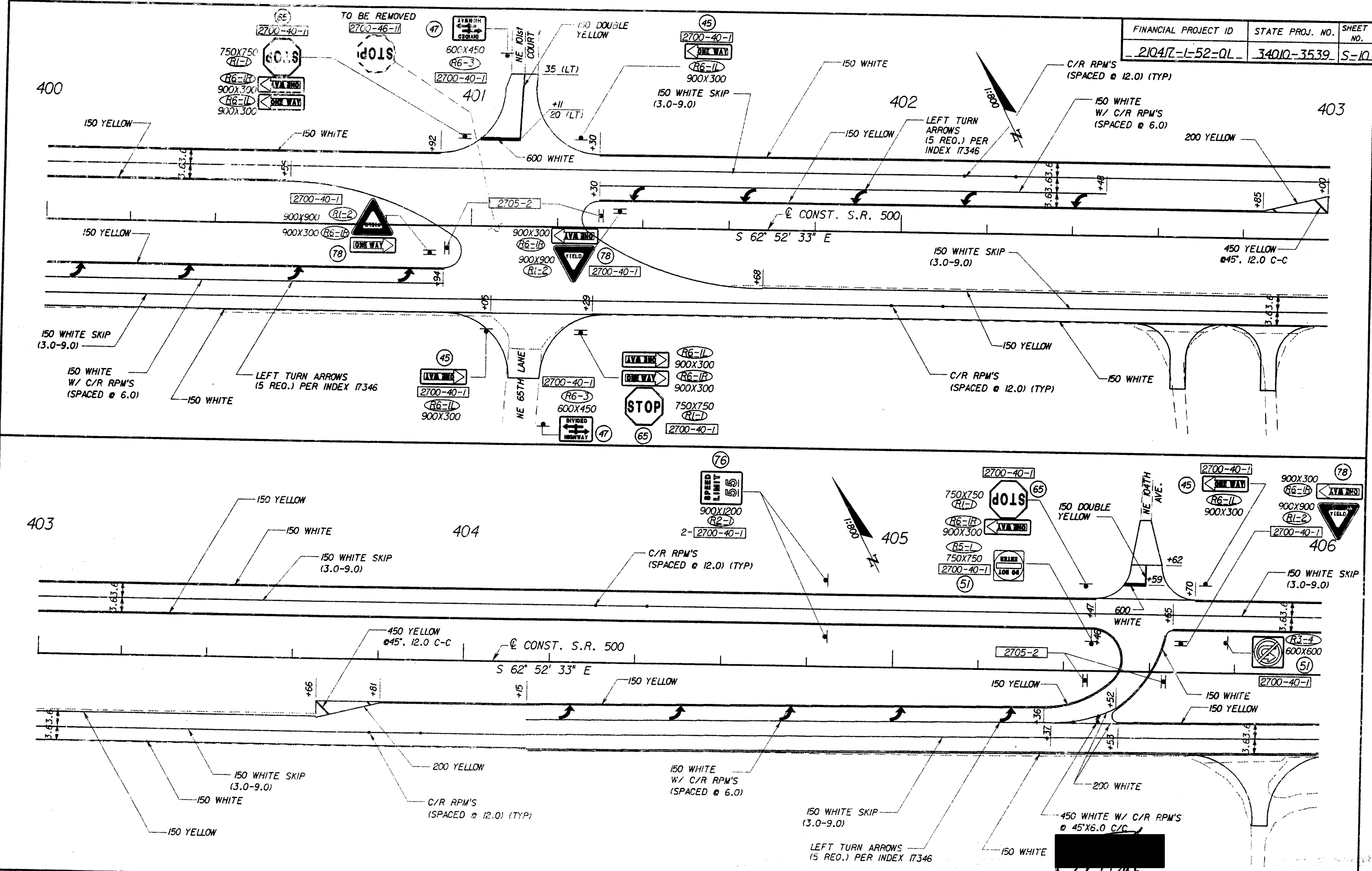
**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
STA 394+00.000 TO STA 400+00.000

2/28/05 11:05:45 \\P:\PROJ\JOBS\012\13\plans\05.dgn I:\DT\2\13\plans\05.dgn James Johnston P:\Partials\1\171.dgn

1/15/05  
A15100



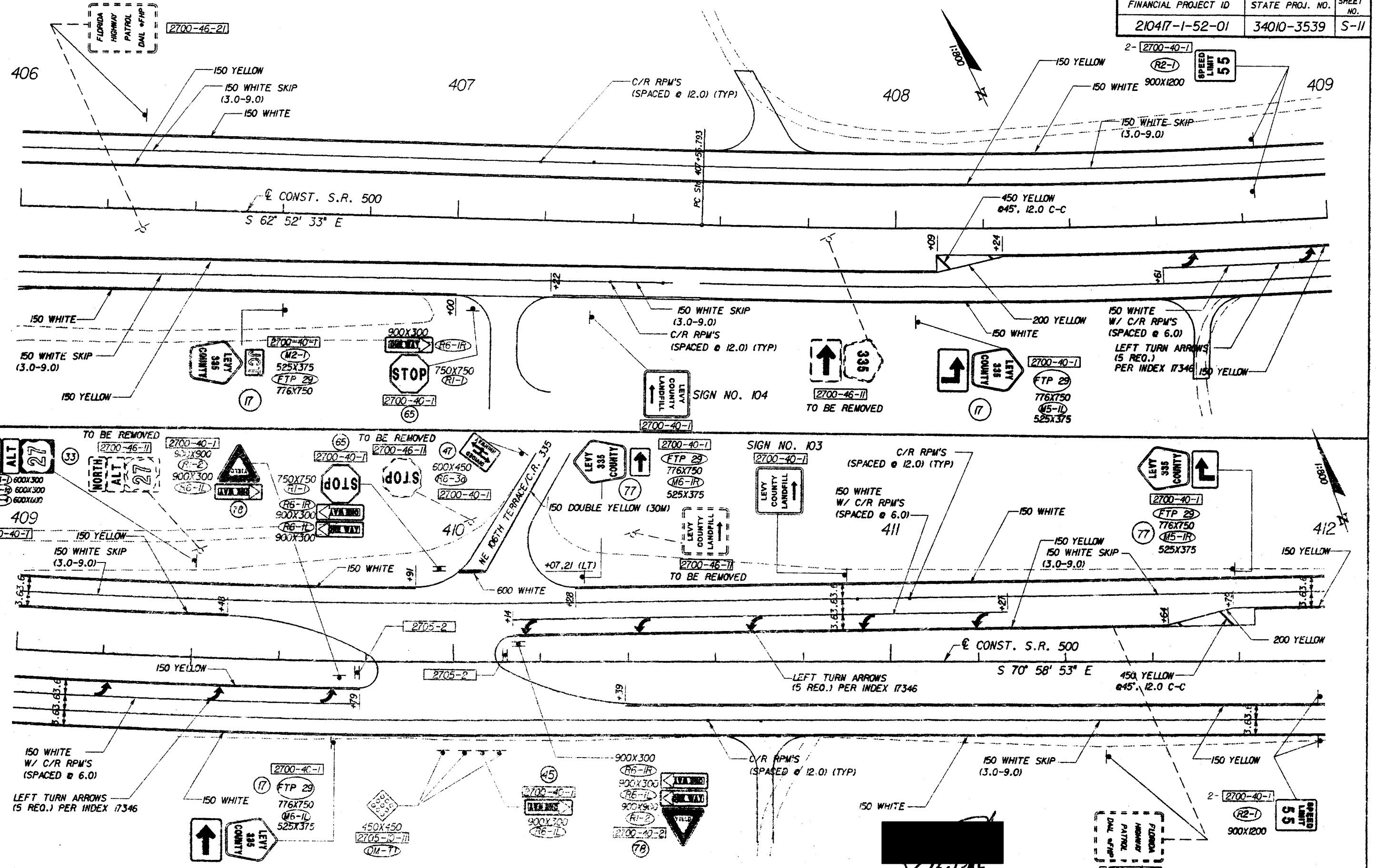
2/27/02 07:37:54 \\20R00\JOBS\DT\210417\plans\p06\prj\frames\johnstone P:\Penables\vlr\7.tbl

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER-SINGLETON**  
 & ASSOCIATES, INCORPORATED  
ENGINEERING PLANNING SURVEYING ENVIRONMENTAL

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
 STA 400+00.000 TO STA 406+00.000



2:27:02 07:38:57 \\209AD\JOBS\072\13\plans\07.dgn 1:07 2/13/13 gr\volansp07.brlames Johnstone P:\Pentables\11\17119

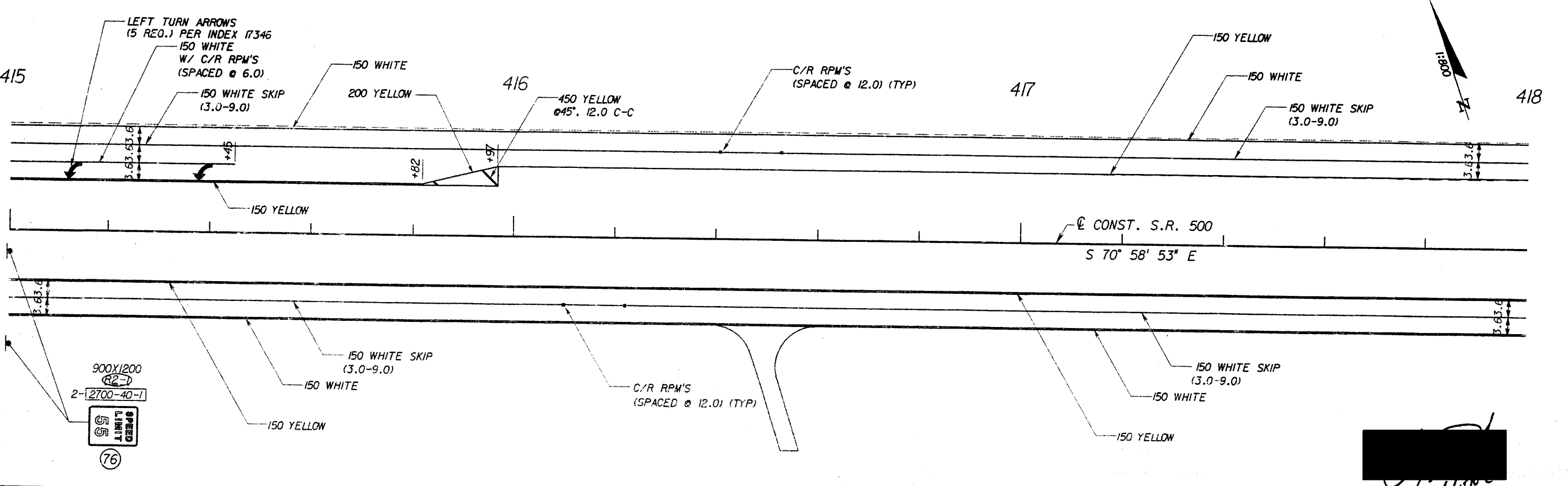
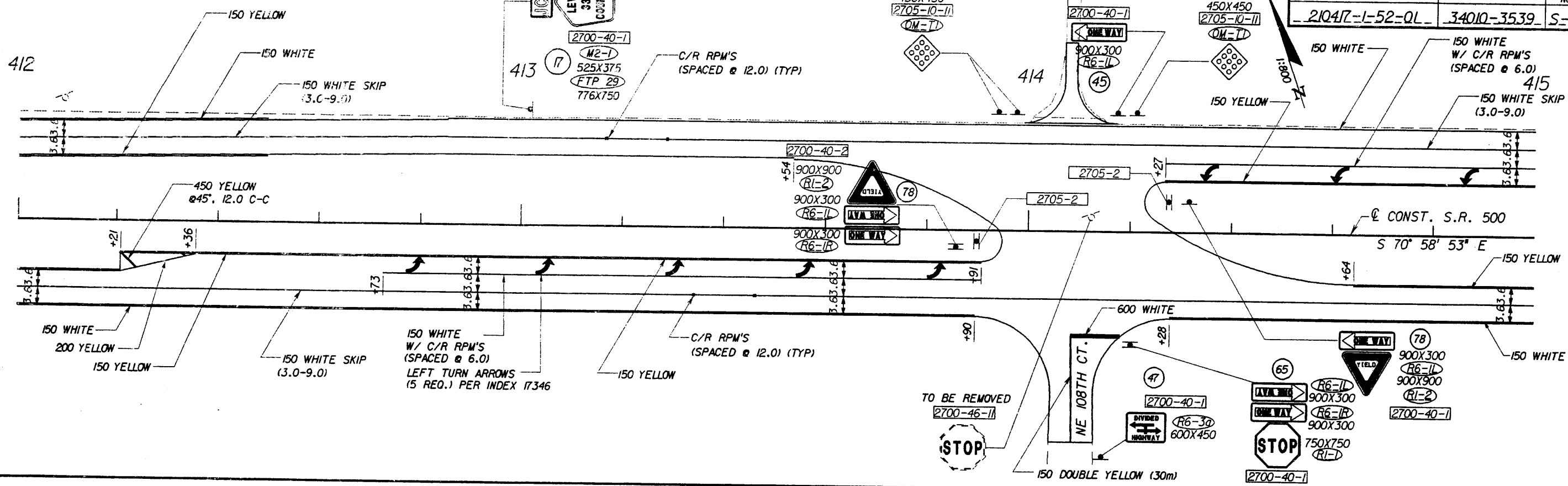
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER-SINGLETON & ASSOCIATES INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
STA 406+00.000 TO STA 412+00.000

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-QL	34010-3539	S-12



2/27/02 07:41:00 \\2PROAD\JOBS\DT 2\113\plans\p08.dgn i:DT 2\113\plans\p08.dgn James Johnstone

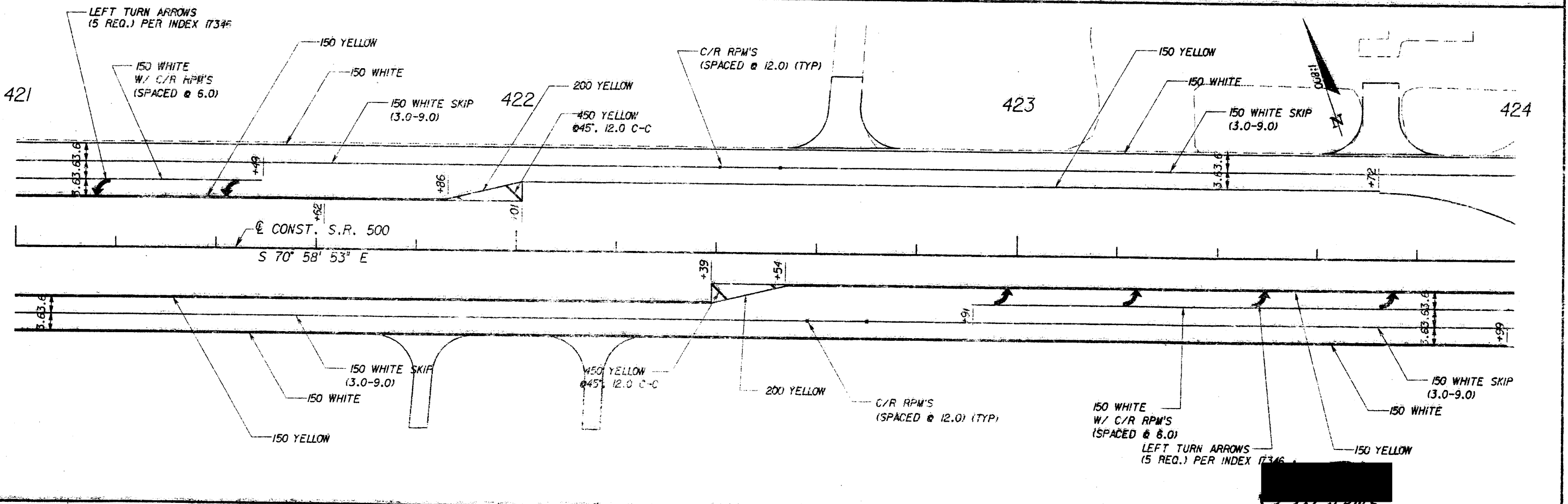
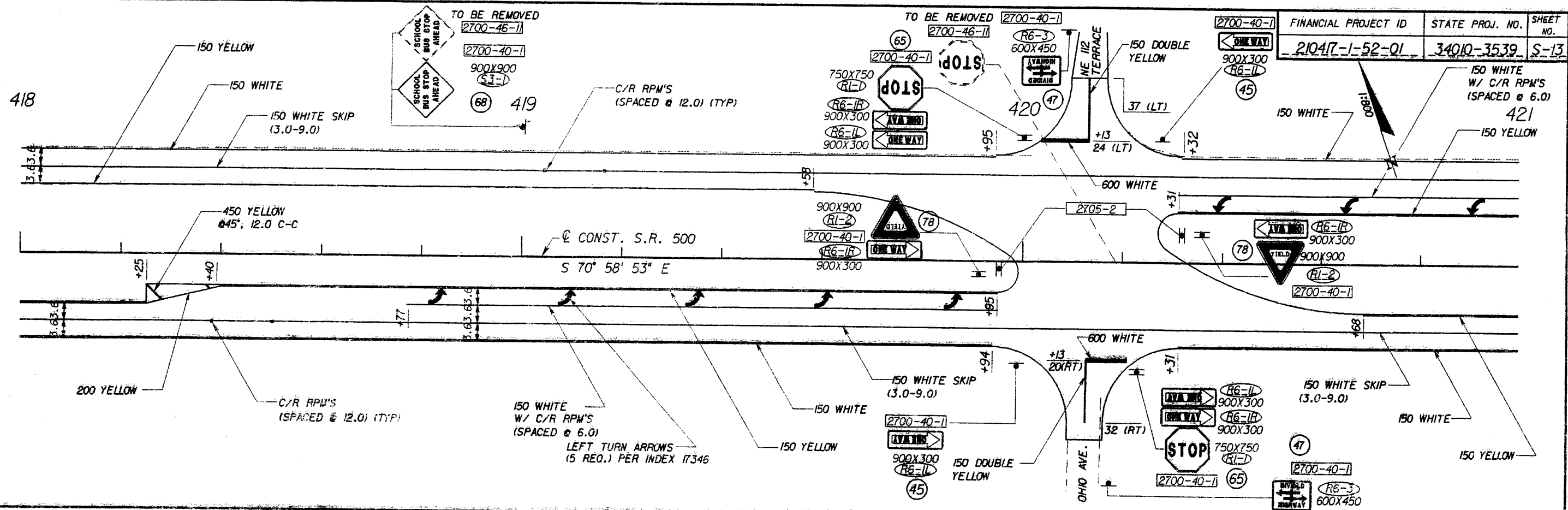
DATE		BY		DESCRIPTION		DATE		BY		DESCRIPTION	

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 ENGINEERING PLANNING SURVEYING ENVIRONMENTAL

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
 STA 412+00.000 TO STA 418+00.000

*[Handwritten signature]*

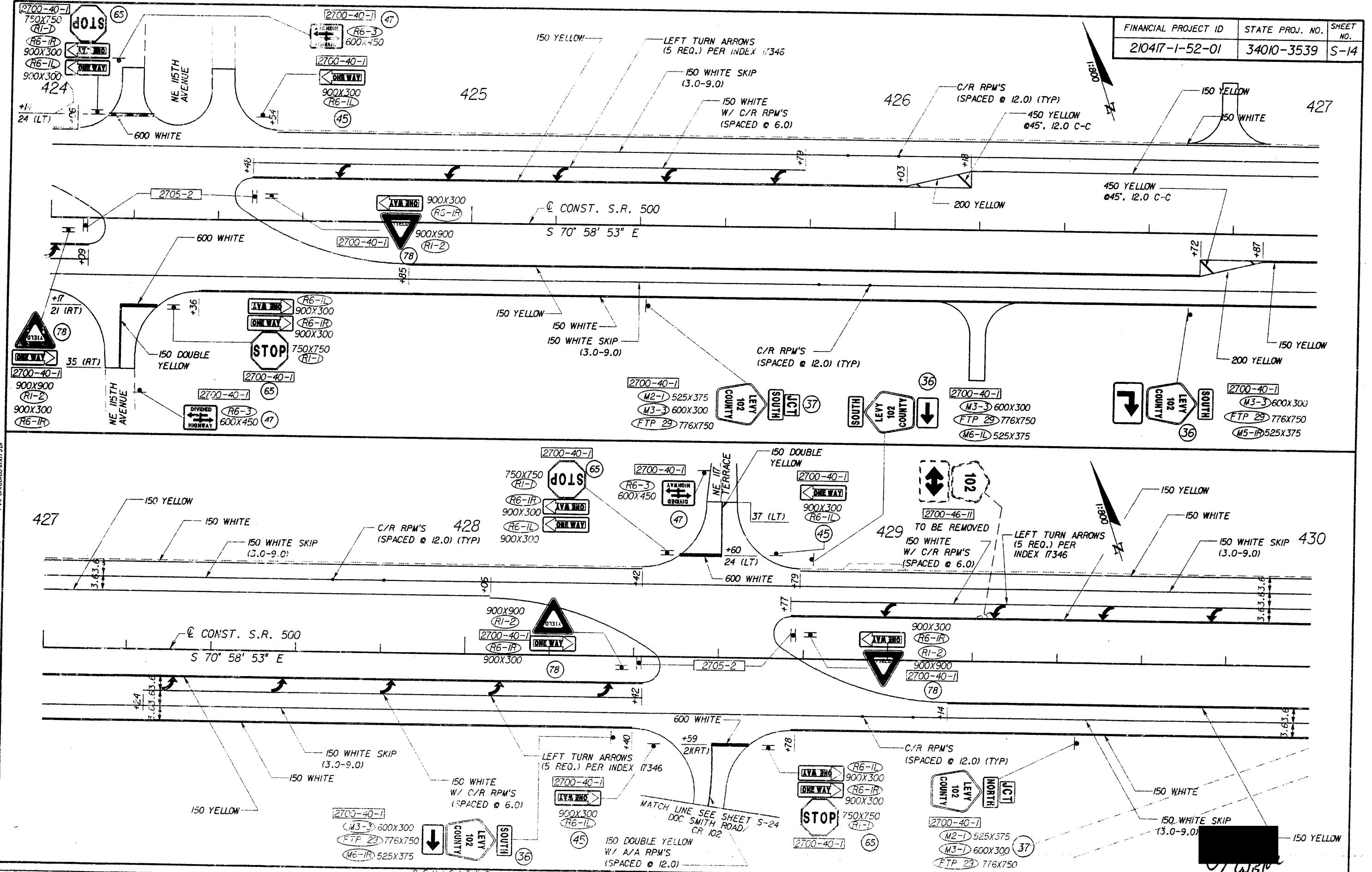


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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
**SIGNING AND PAVEMENT MARKING**  
 STA 418+00.000 TO STA 424+00.000

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-14



2/27/02 DT-4308 V:\ROAD\JOB501\2103\plans\01.dgn :DOT 2103\plans\01.dgn James Johnstone P:\Pentables\11171.dwg

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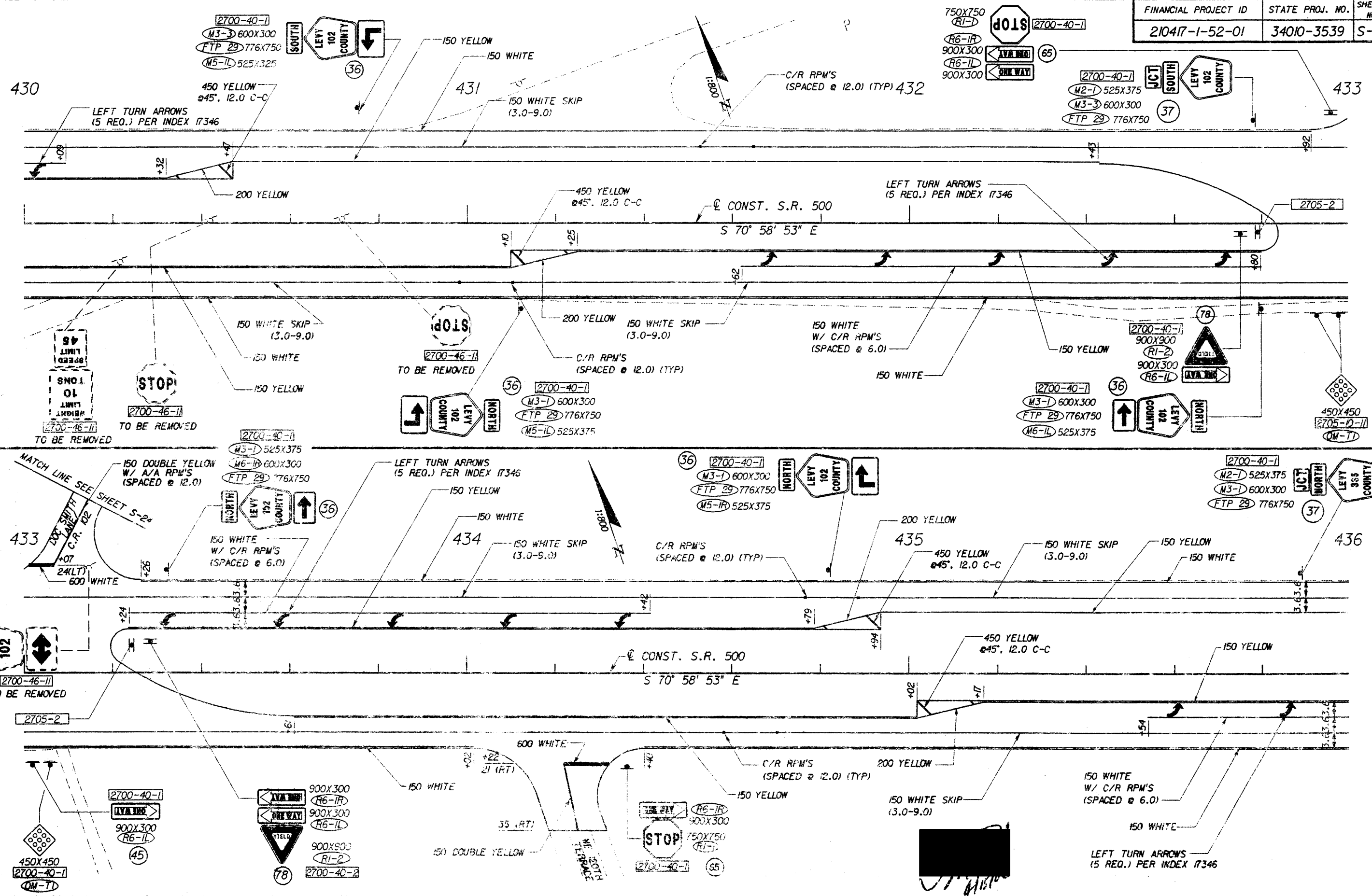
**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
STA 424+00.000 TO STA 430+00.000

SCALE: AS SHOWN ON SHEET





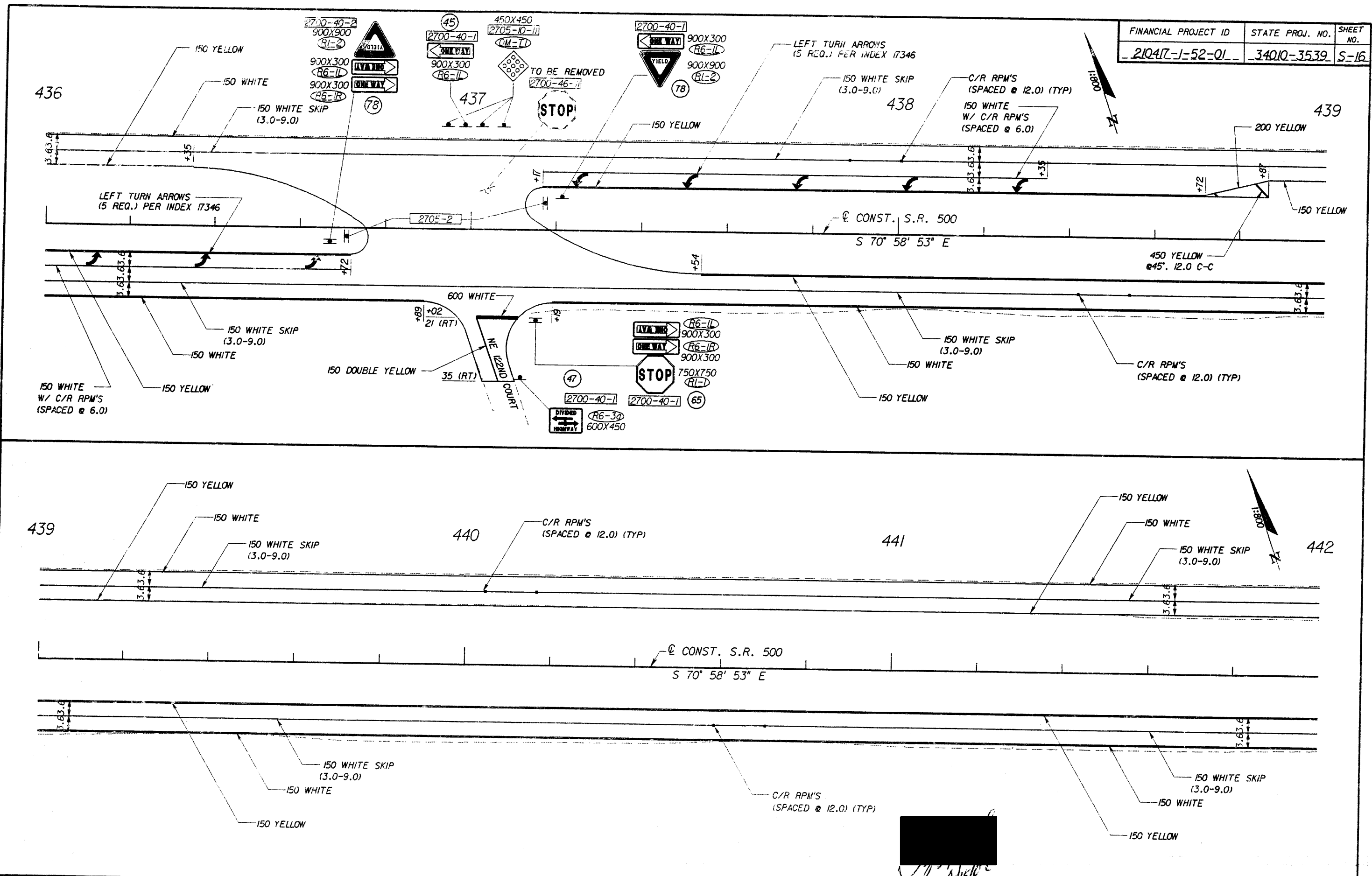
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 INDT-2\13\plans\pl.dgn  
 James Johnstone

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
 STA 430+00.000 TO STA 436+00.000

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-16



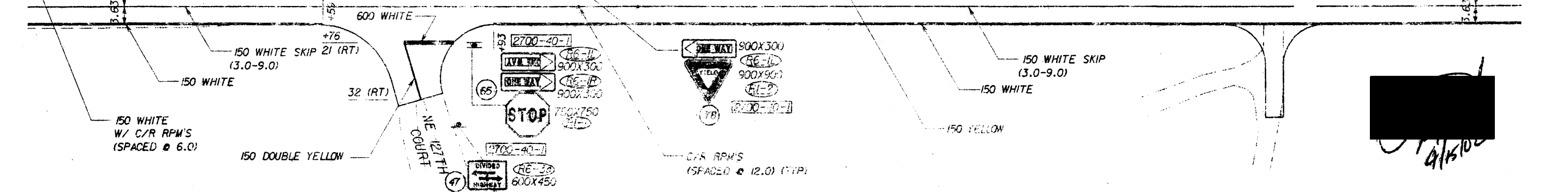
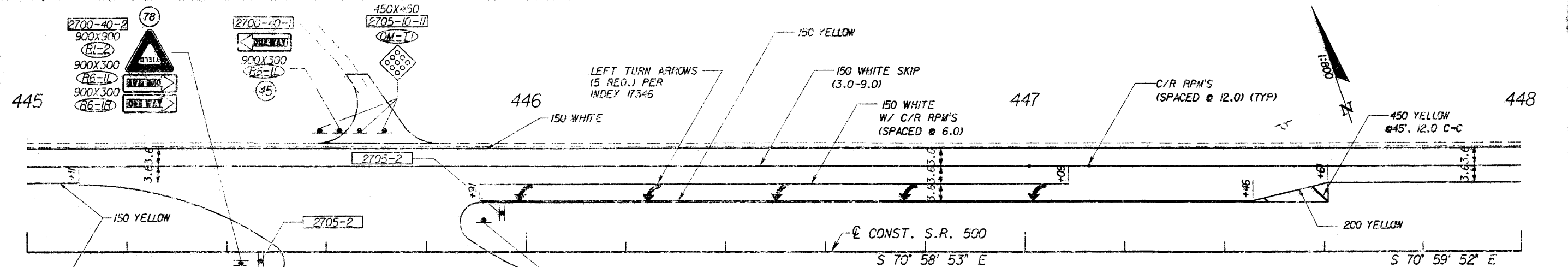
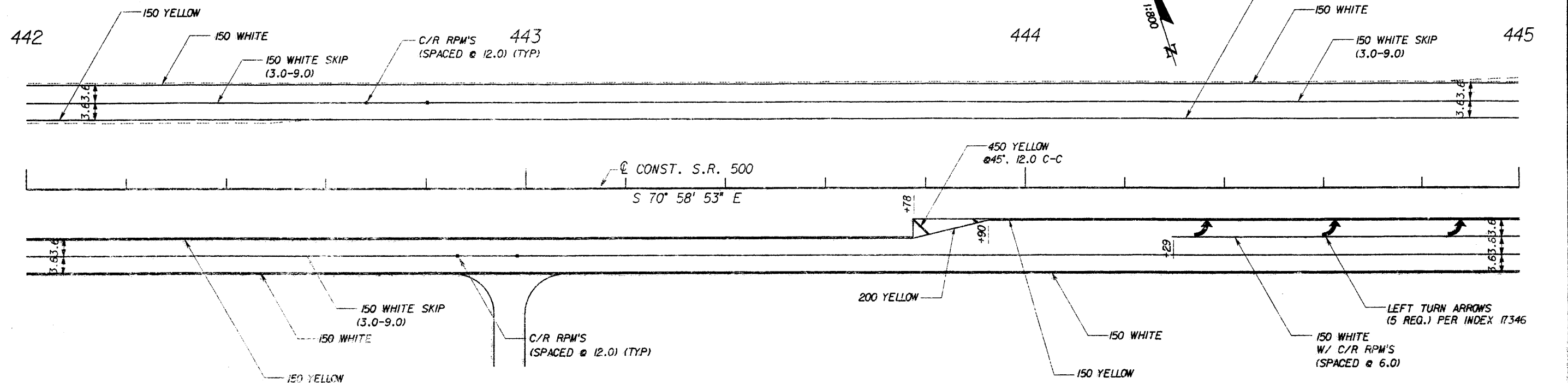
2/27/02 07:46:02 \\2R04\JDBS\DT2\J13\plans\pl2.dgn I:\DT2\J13\work\plans\pl2.prj\ames Johnstone P:\Penables\11714

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER-SINGLETON**  
 & ASSOCIATES, INCORPORATED  
 ENGINEERING, PLANNING, SURVEYING, LANDSCAPE ARCHITECTURE

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
 STA 436+00.000 TO STA 442+00.000



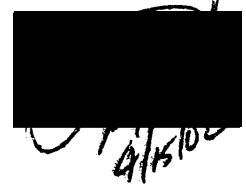
2/21/202 07:46:30 \\SRoad\JOBS\DOT 2\13\plans\3.dgn I:\DOT\2\13\plans\3.dgn I:\DOT\2\13\plans\3.dgn I:\DOT\2\13\plans\3.dgn I:\DOT\2\13\plans\3.dgn

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

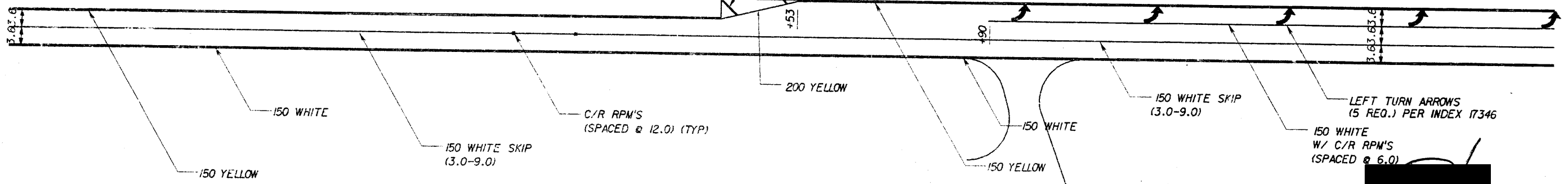
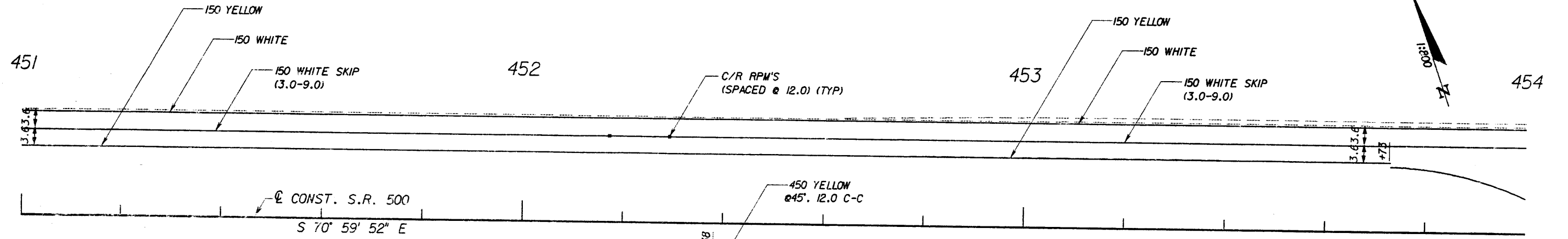
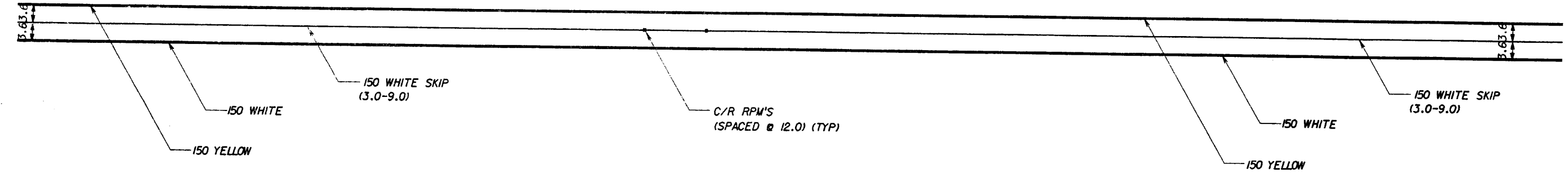
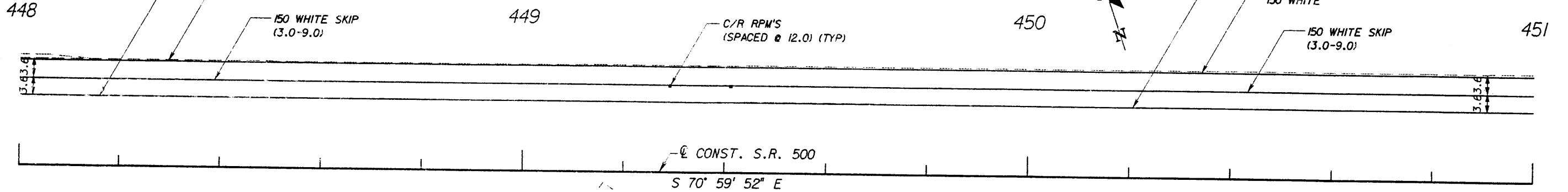
**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
STA 442+00.000 TO STA 448+00.000



FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-18



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REVISIONS			
DATE	BY	DESCRIPTION	

**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**  
ENGINEERING DRAWING SURVEYING ENVIRONMENTAL

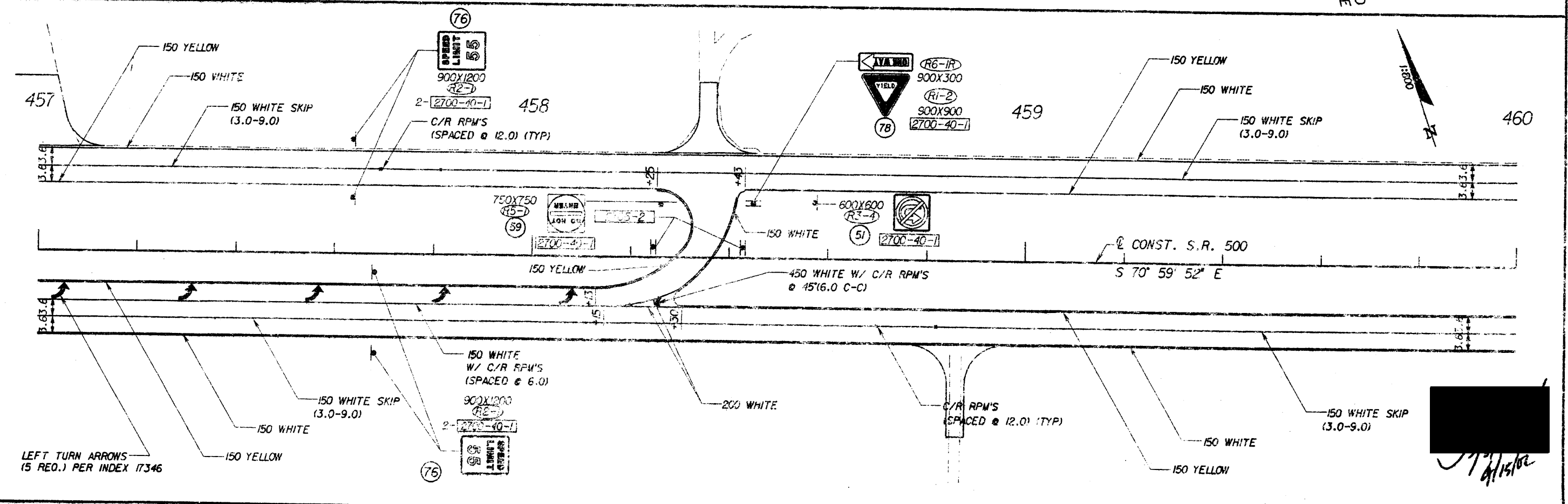
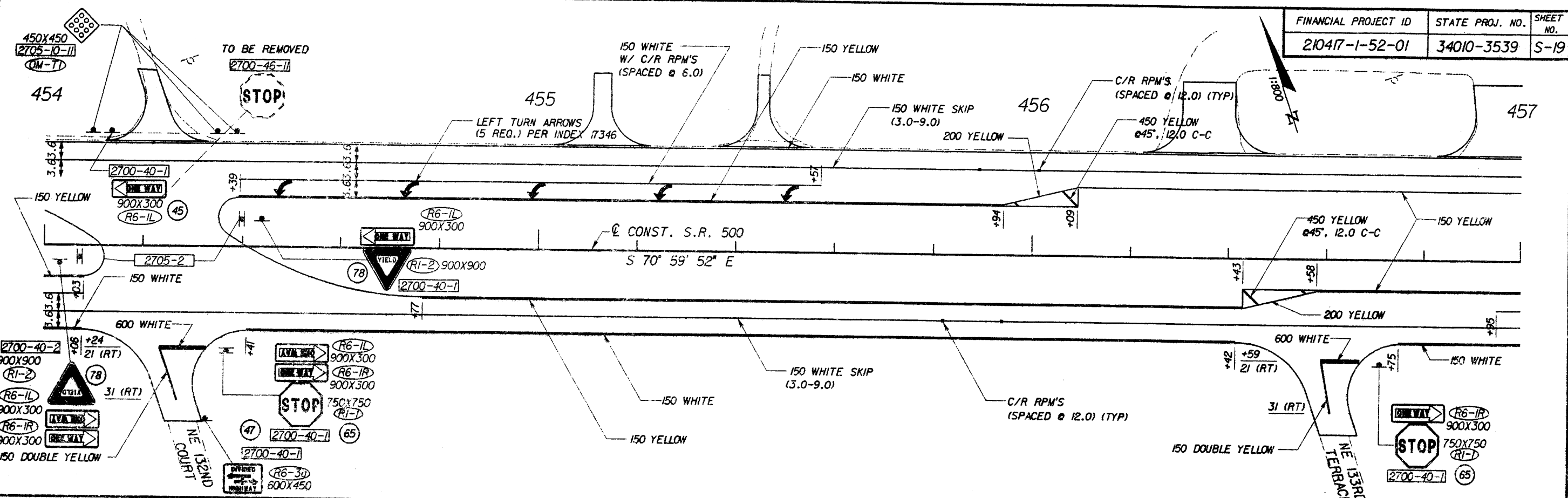
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING  
STA 448+00.000 TO STA 454+00.000

*JT*  
6/15/02

\\2RROAD\JOBS\DOT\210417\plans\4.dgn

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-19



2/27/12 DT 48.09 \\20401108S\DT2\13\plans\5.dgn (AUTZ) 2/3/12 9:43 AM JKL

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

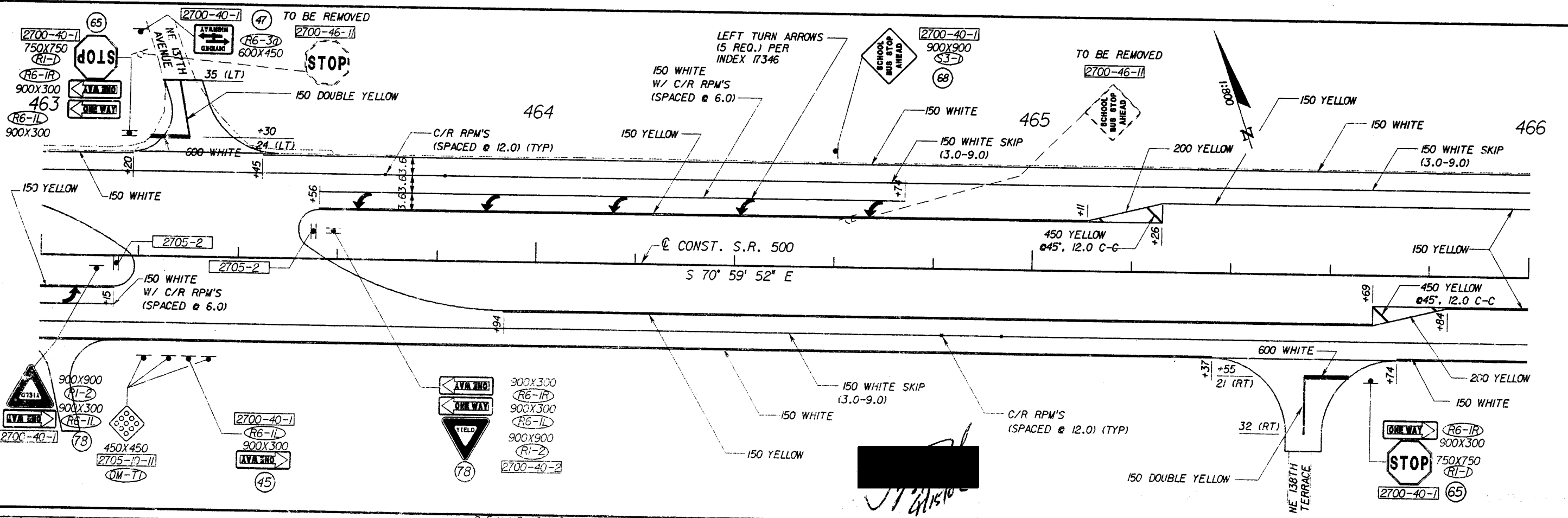
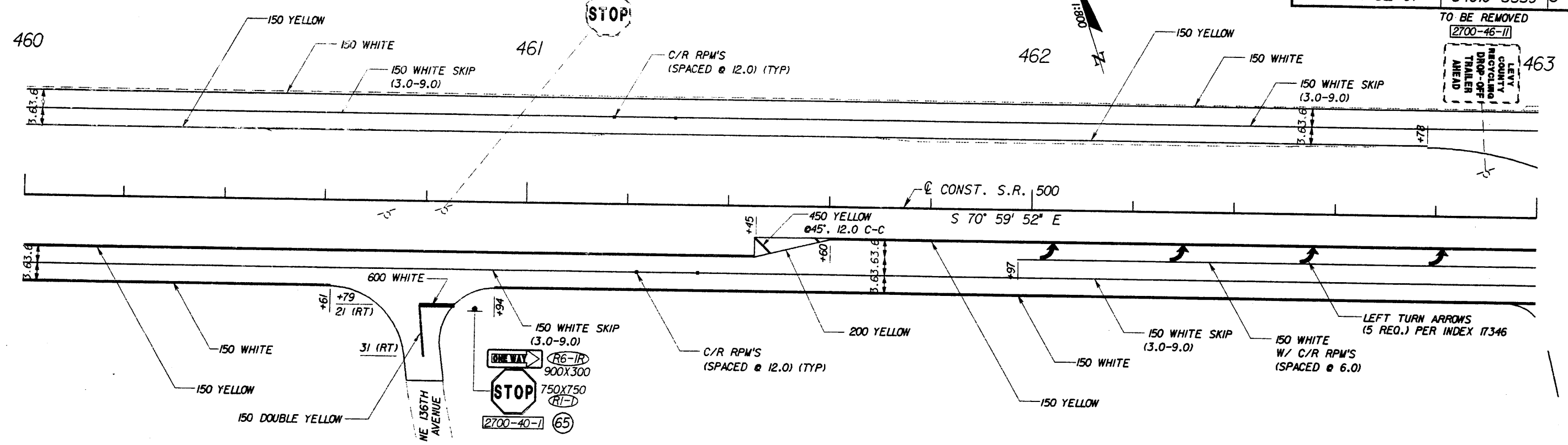
**BOWERS SINGLETON**  
 & ASSOCIATES, INCORPORATED

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
 STA 454+00.000 TO STA 460+00.000

\\20401108S\DT2\13\plans\5.dgn

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-20

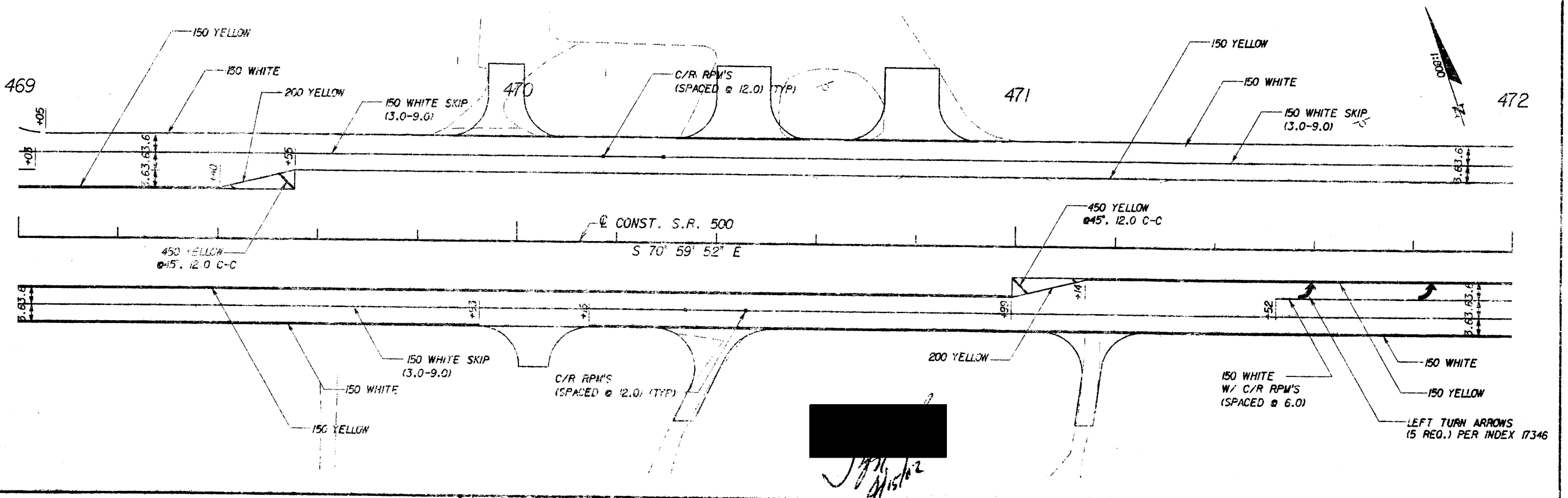
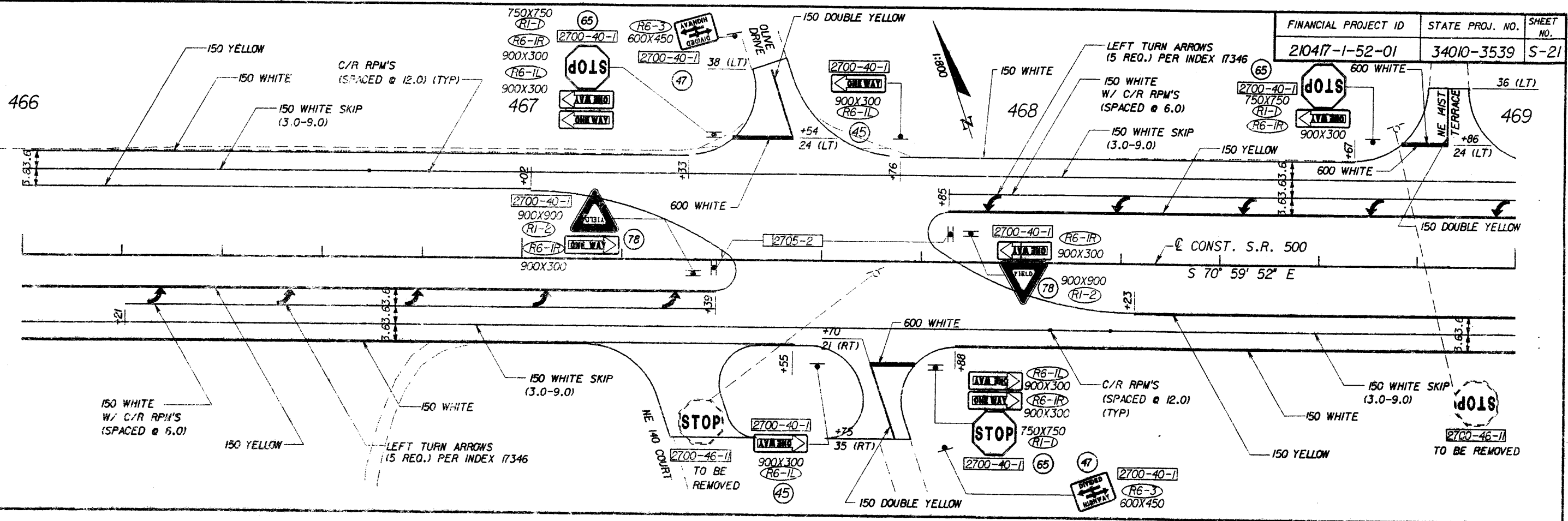


2/27/02 07:45:00 \\SR01\JOBS\DOT\210417\plans\p6.rvt James Johnson

REVISIONS			
DATE	BY	DESCRIPTION	

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**  
 STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
**SIGNING AND PAVEMENT MARKING**  
**STA 460+00.000 TO STA 466+00.000**

\\SR01\JOBS\DOT\210417\plans\p6.rvt

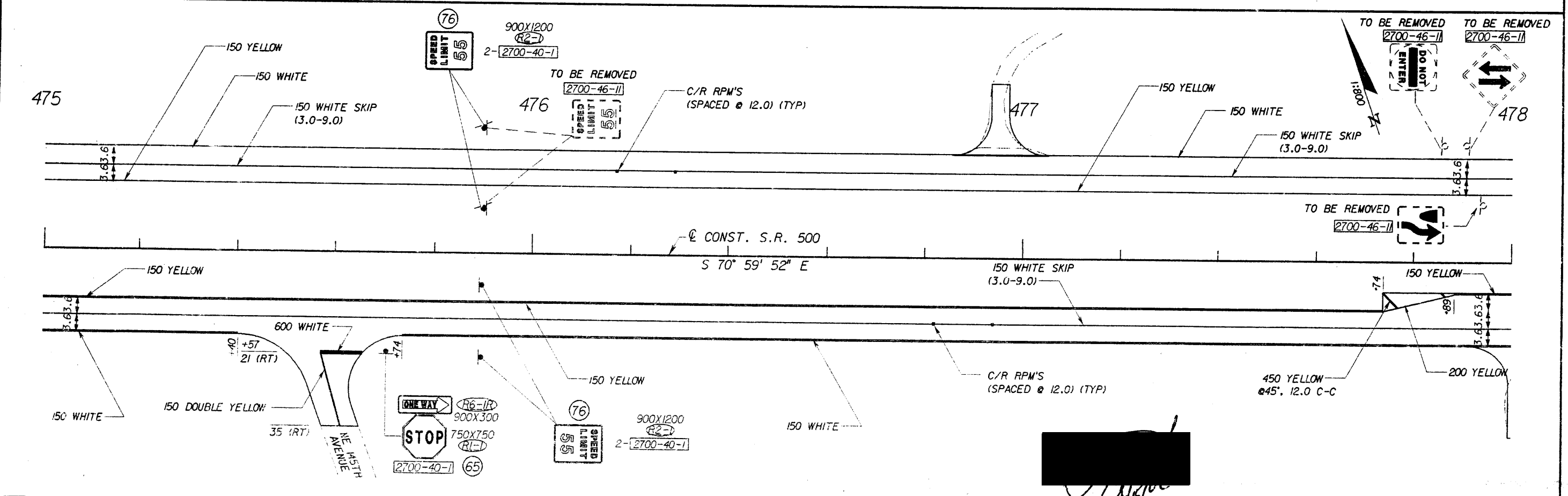
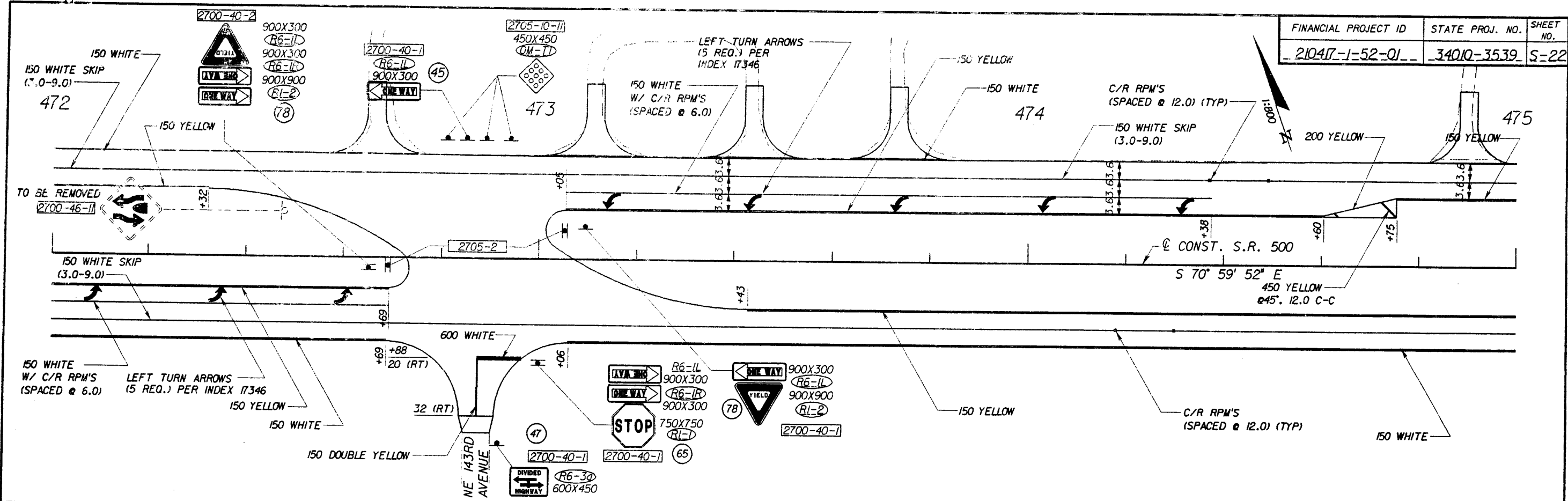


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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

<b>BOWYER-SINGLETON</b> & ASSOCIATES, INCORPORATED	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	<b>SIGNING AND PAVEMENT MARKING</b> STA 466+00.000 TO STA 472+00.000
	[Redacted Signature]	

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-22



2/27/02 07:51:21 \\200AD\0085\DT2\13\plans\8.dgn 1:07:2\13\plans\8.dgn 1:07:2\13\plans\8.dgn 1:07:2\13\plans\8.dgn 1:07:2\13\plans\8.dgn 1:07:2\13\plans\8.dgn

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**  
 ENGINEERING PLANNING SURVEYING ENVIRONMENTAL

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
 STA 472+00.000 TO STA 478+00.000

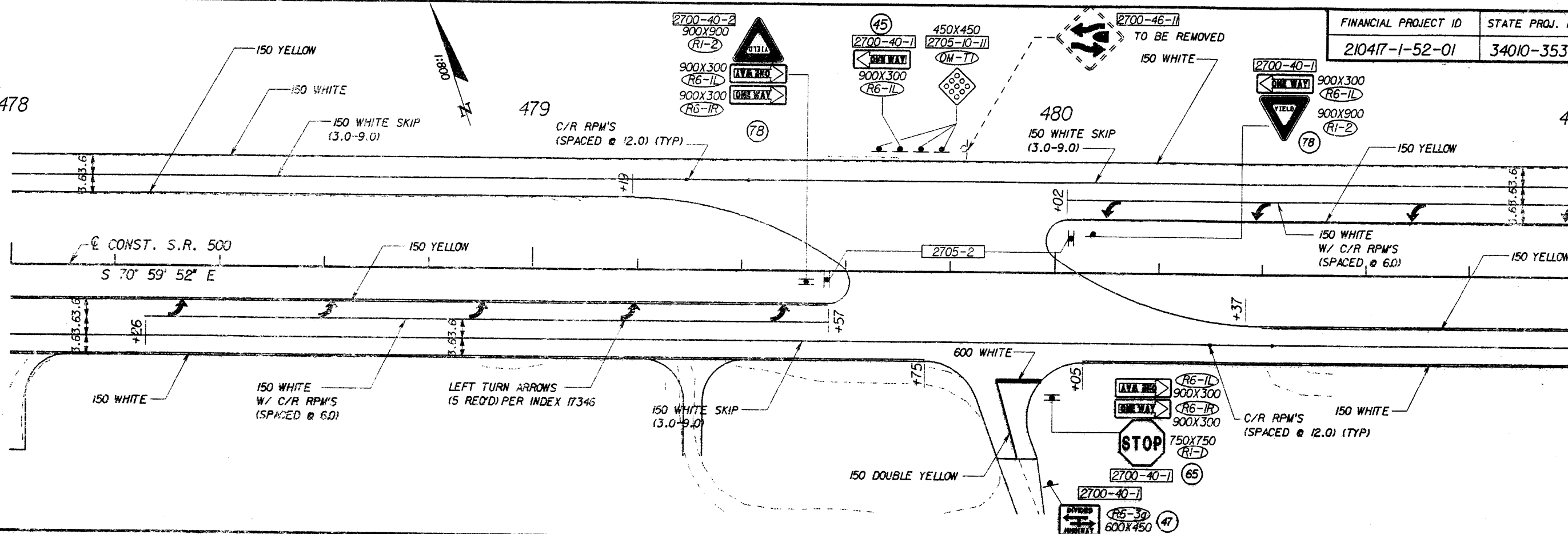


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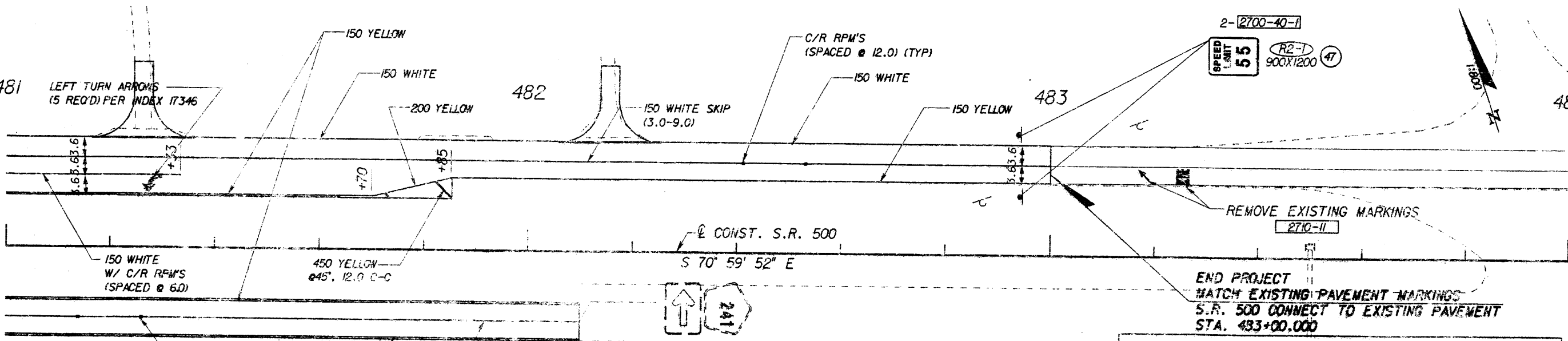


481

482

483

484



END PROJECT  
MATCH EXISTING PAVEMENT MARKINGS  
S.R. 500 CONNECT TO EXISTING PAVEMENT  
STA. 483+00.000

2700-46-11 SIGN REMOVAL				
SIGN	NO.	LOCATION	DISTANCE FROM PROJECT END	SIDE
W4-2	2	STA 484±80	180.000	LT
W9-2	2	STA 485±91	391.000	LT
W9-1	2	STA 489±09	609.000	LT
2700-40-1 SIGN INSTALLATION				
SIGN	NO.	LOCATION	DISTANCE FROM PROJECT END	SIDE
R2-R55)	2	STA 484±40	140.000	RT

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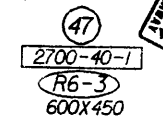
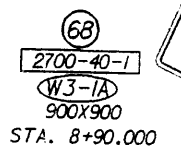
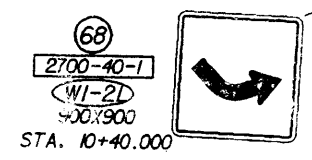
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

BOWYER SINGLETON & ASSOCIATES, INCORPORATED

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING  
STA 478+00.000 TO STA 484+00.000

FINANCIAL PROJECT ID	STATE PROJ. NO.	SHEET NO.
210417-1-52-01	34010-3539	S-24



150 DOUBLE YELLOW  
W/ A/A RPM'S  
(SPACED @ 12.0')

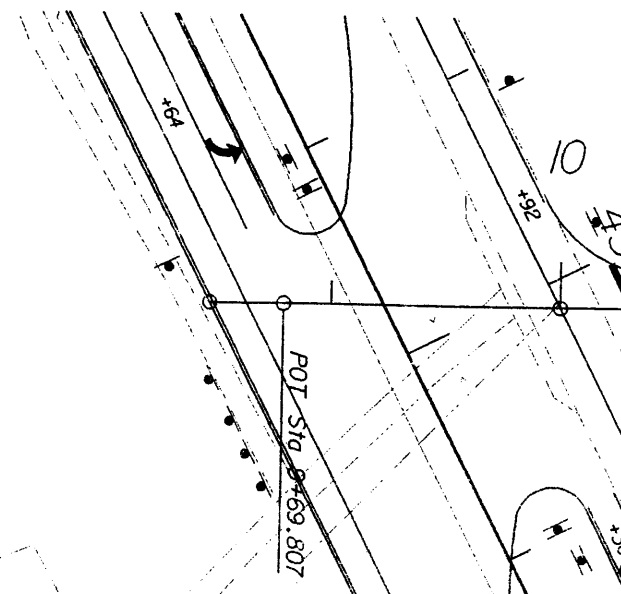
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STA. 10+41.400

CR 102 (DOC SMITH RD)

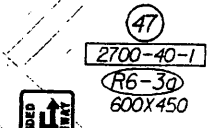
MATCH LINE SEE SHEET S-14

PT Sta 9+75.145

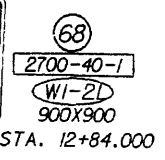
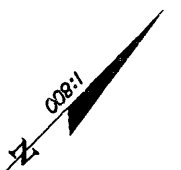
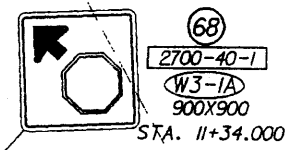
428



150 DOUBLE YELLOW  
W/ A/A RPM'S  
(SPACED @ 12.0')



150 WHITE



CR 102 (DOC SMITH RD)

MATCH LINE SEE SHEET S-15

PC Sta 10+82.815

MATCH EXISTING MARKINGS  
STA. 12+86.900

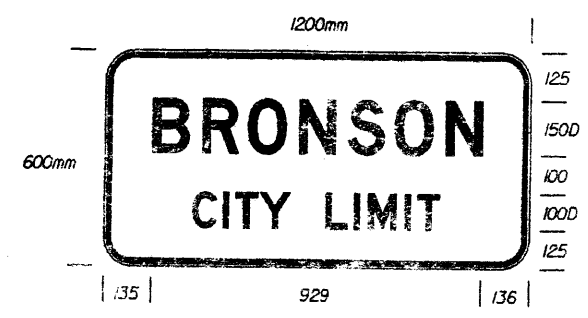
2/21/12 07:52:43 \\2R0AD\085.DT\2\13\plansp204\p1:DOT\2\13\plan\plansp204\frames Johnstone P:\Fentables\11\17.tbl

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER SINGLETON & ASSOCIATES, INCORPORATED**  
ENGINEERING, PLANNING, SURVEYING & ENVIRONMENTAL

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING**  
CR 102 (DOC SMITH ROAD)



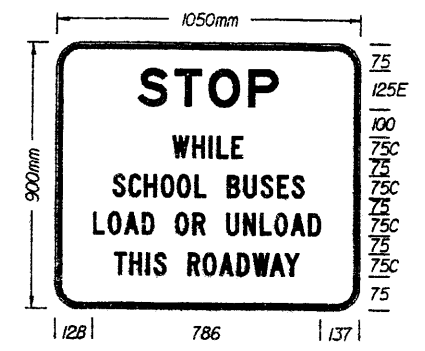
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WIDTH X HEIGHT	1200MM X 600MM
BORDER WIDTH	25
CORNER RADIUS	75
MOUNTING	GROUND
BACKGROUND	TYPE, REFLECTIVE COLOR, GREEN
LEGEND/BORDER	TYPE, REFLECTIVE COLOR, WHITE

SYMBOL	X	Y	WID	HT

DIMENSIONS IN mm

SPACINGS ARE TO START OF NEXT LETTER

Y FONT	LETTER SPACINGS												HT LEN
325	B R O N S O N												150
D	135	139	130	144	139	132	144	103	126				929
125	C I T Y L I M I T												100
D	251	86	35	69	86	100	81	40	103	35	62	252	697



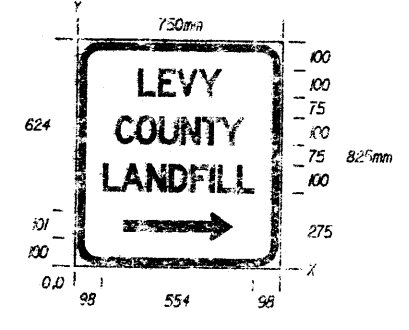
SIGN NUMBER	102
WIDTH X HEIGHT	1050MM X 900MM
BORDER WIDTH	20
CORNER RADIUS	45
MOUNTING	GROUND
BACKGROUND	TYPE, REFLECTIVE COLOR, WHITE
LEGEND/BORDER	TYPE, REFLECTIVE COLOR, BLACK

SYMBOL	X	Y	WID	HT

DIMENSIONS IN mm

SPACINGS ARE TO START OF NEXT LETTER

Y FONT	LETTER SPACINGS														HT LEN		
700	S T O P														125		
E	282	128	119	138	101	282									496		
525	W H I L E														75		
D	403	70	58	27	51	39	403								244		
375	S C H O O L B U S E S														75		
D	166	55	58	57	60	38	75	58	58	55	58	42	157	717			
225	L O A D O R U N L O A D														75		
D	132	51	57	61	42	75	60	42	75	58	58	51	57	60	42	132	796
75	T H I S R O A D W A Y														75		
D	205	51	58	26	42	75	54	57	61	55	61	52	48	206	639		



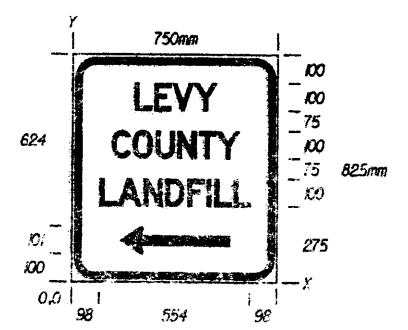
SIGN NUMBER	103
WIDTH X HEIGHT	750MM X 825MM
BORDER WIDTH	25
CORNER RADIUS	75
MOUNTING	GROUND
BACKGROUND	TYPE, REFLECTIVE COLOR, BLUE
LEGEND/BORDER	TYPE, REFLECTIVE COLOR, WHITE

SYMBOL	X	Y	WID	HT
ARUP 2700003	178	101	401	101

DIMENSIONS IN mm

SPACINGS ARE TO START OF NEXT LETTER

Y FONT	LETTER SPACINGS												HT LEN
627	L E V Y												100
D	223	72	68	79	85	223							304
452	C O U N T Y												100
D	140	78	84	81	78	65	85	140					470
277	L A N D F I L L												100
D	98	66	95	81	81	72	28	72	62	98			554



SIGN NUMBER	104
WIDTH X HEIGHT	750MM X 825MM
BORDER WIDTH	25
CORNER RADIUS	75
MOUNTING	GROUND
BACKGROUND	TYPE, REFLECTIVE COLOR, BLUE
LEGEND/BORDER	TYPE, REFLECTIVE COLOR, WHITE

SYMBOL	X	Y	WID	HT
ARUP 2700003	178	101	401	101

DIMENSIONS IN mm

SPACINGS ARE TO START OF NEXT LETTER

Y FONT	LETTER SPACINGS												HT LEN
627	L E V Y												100
D	223	72	68	79	85	223							304
452	C O U N T Y												100
D	140	78	84	81	78	65	85	140					470
277	L A N D F I L L												100
D	98	66	95	81	81	72	28	72	62	98			554

WIDTH-HORIZONTAL SPACING (ALL DIMENSIONS ARE IN MILLIMETERS) END DIMENSIONS INCLUDE BORDER WIDTH AND MARGIN. OTHER DIMENSIONS ARE WIDTH OF CHARACTER PLUS SPACE TO FOLLOWING CHARACTER, EXCEPT LAST CHARACTER OF EACH WORD WHICH IS THE WIDTH OF CHARACTER ONLY.

I:\DT\2\13\pr\gsd\spk\pr\cr\is\cde  
 I:\DT\2\13\pr\gsd\spk\pr\cr\is\cde  
 I:\DT\2\13\pr\gsd\spk\pr\cr\is\cde

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**BOWYER-SINGLETON & ASSOCIATES, INCORPORATED**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**GUIDE SIGN DETAIL SHEET**