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**STATE OF SOUTH CAROLINA  
STATE HIGHWAY DEPARTMENT**

**PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY**

FED. AID PROJECT  
No. 184- REOP. SEC. 1

ROUTE NO. 39 *New Rt. 23*  
FROM JOHNSTON TO SALUDA COUNTY LINE  
EDGEFIELD COUNTY

SCALES: PLAN AND PROFILE, 1 INCH = 100 FEET HORIZONTAL; 1 INCH = 10 FEET VERTICAL.

FED. ROAD DIST. NO.	STATE	COUNTY	F.A. PROJ. NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
8	S. C.	Edgefield	184-REOP	39	1	18

STATION	SHEET NO.	ITEM	CONCRETE (CU. YDS.)		REINFORCING STEEL (LBS.)	EXCAVATION (CU. YDS.)		PILES (LINEAR FEET)	
			CLASS "A"	CLASS "B"		WET	DRY	TREATED	UNTREATED
494+70	7-9	ENDWALLS FOR PIPE CULV.	—	1.80	—	—	—	—	—
494+70	7-9	2'X4'X43' R.C. BOX CULVERT	16.8	—	1020	128	—	—	—
494+70	7-9	4'X6'X37' R.C. BOX CULVERT	26.1	—	3291	71.0	—	—	—
TOTALS			42.9	1.80	4311	209	—	—	—

TOTAL PIPE FOR CULVERTS		TOTALS	
DIAM.	CORRUGATED IRON REINF. CONCRETE	TOTAL COMMON EXCAVATION	EXCAVATION SURFACING 7'-6" X 18' WIDE
15"	312' LINEAR FEET	—	6594' CUBIC YARDS
18"	—	—	6594' SQUARE YARDS
24"	—	—	—
30"	—	—	—
36"	—	—	—

*Substituted in lieu of 2'x4' Box Culvert*

*603*

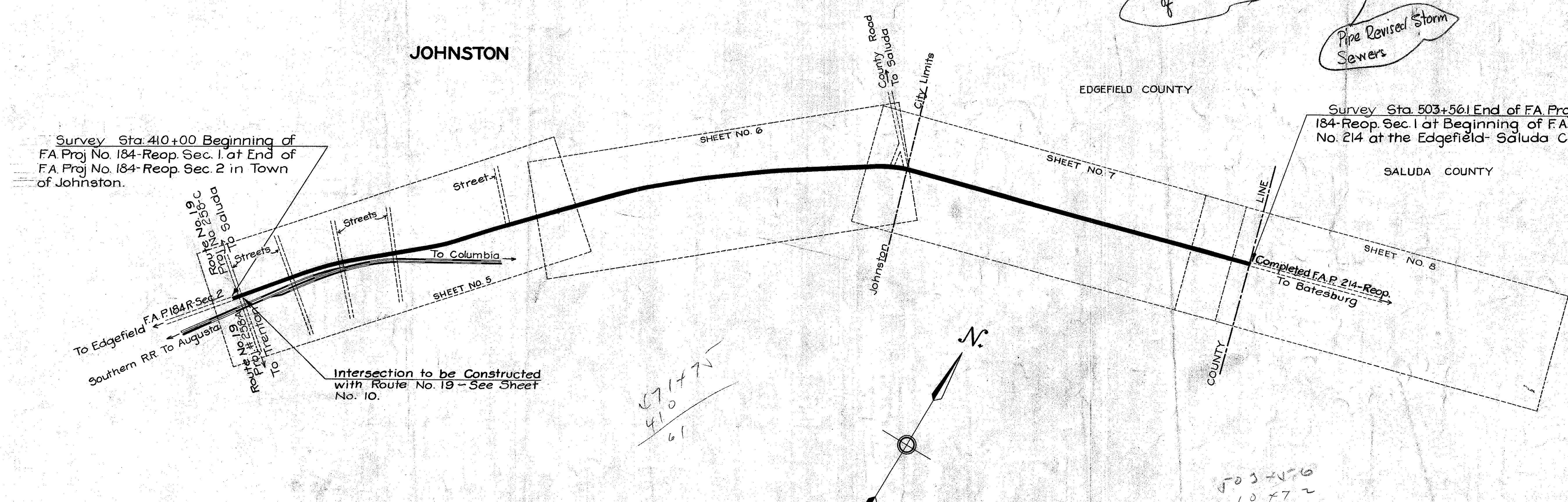
*161*

*60*

*801*

*Pipe Revised Storm Sewers*

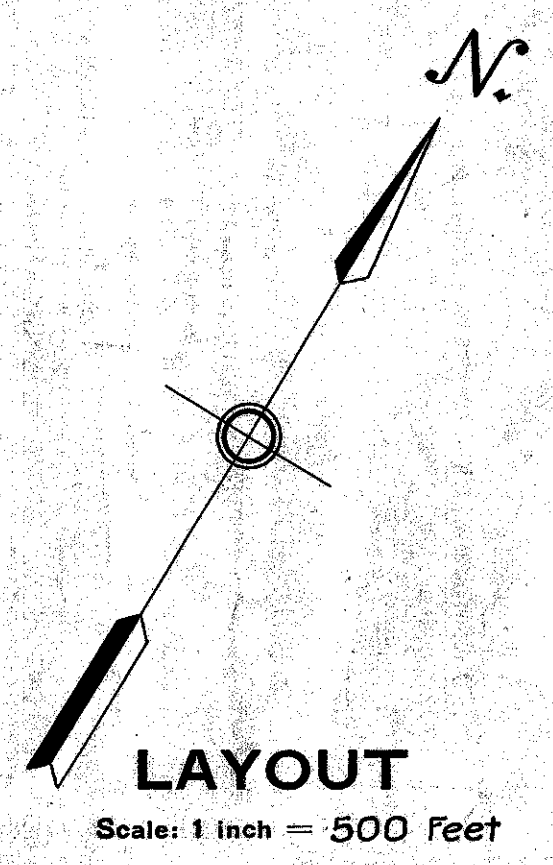
\* Includes 563 Square Yards for Intersection.  
φ Includes 10% extra for any extra top soil necessary.



State Line	Trolley Poles	Power Poles	Telephone or Telegraph Poles
County Line	Marsh	Trees	Brush
City or Town Limits	Stumps	Buildings	Bridge
Property Line	Proposed Road	Railroad	Levee or Embankment
Fence	Existing Road	Guard Rail	Point of Intersection (P. I.)
Retaining Wall	Concrete Box Culvert	Pipe Culvert	Drop Inlet and Culvert
Existing Road	Hub on Center Line		

PROPOSED PROJECT	—
OTHER ROADS	---

Gross Length of Project	=	1.771	Miles
Exceptions	=	None	Miles
Net Length of Project	=	1.771	Miles



Note: All workmanship and material on this project to conform with South Carolina State Highway Department Specifications, Contract and Bond; for Roads and Culverts, revised June 2nd 1930 and for Bridges, revised May 1st, 1930, as amended and approved by the U. S. Secretary of Agriculture.

APPROVED: *[Signature]* DATE: 9-9-30  
STATE HIGHWAY ENGINEER

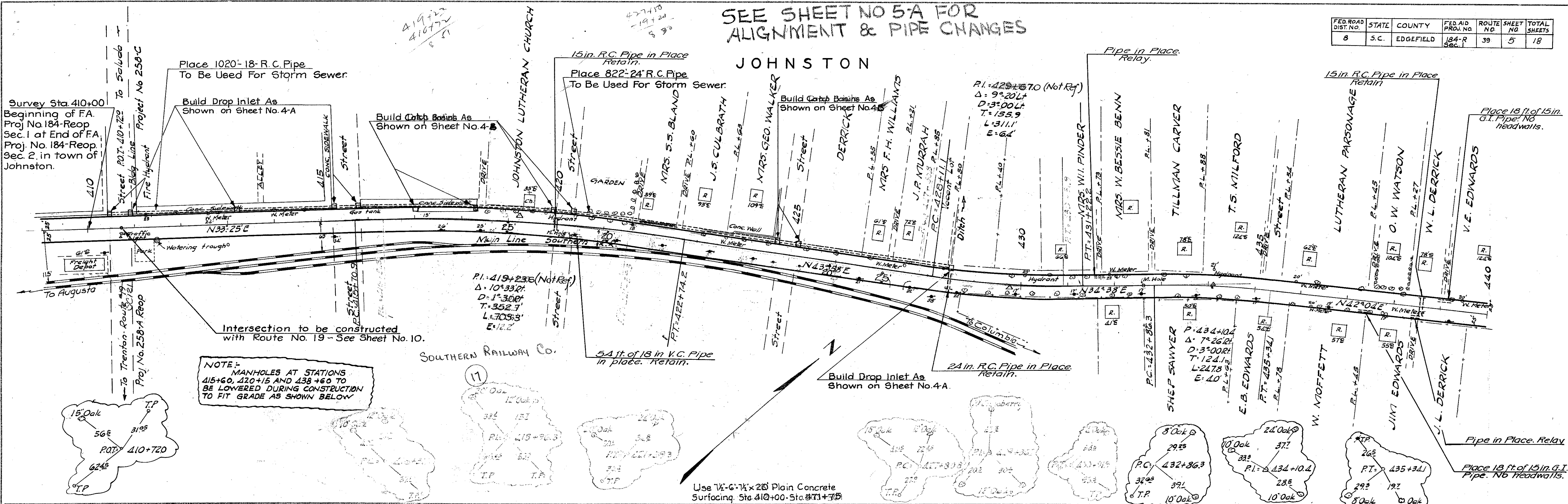
RECOMMENDED FOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_  
DISTRICT ENGINEER - BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHIEF ENGINEER - BUREAU OF PUBLIC ROADS

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
DIRECTOR - BUREAU OF PUBLIC ROADS

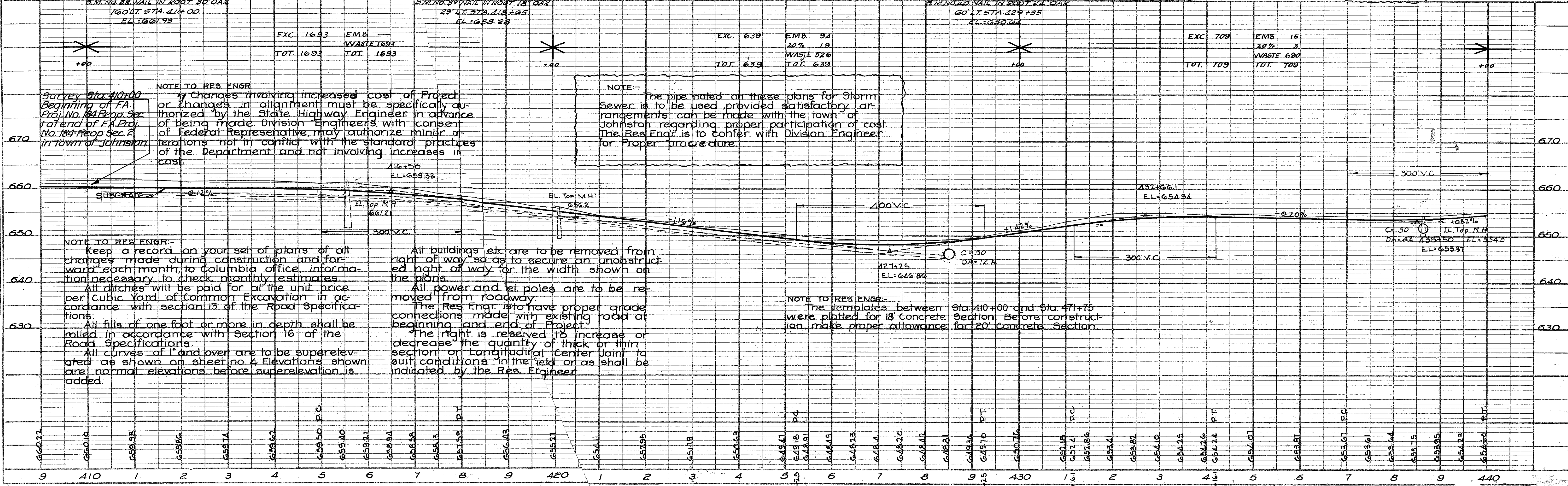
SEE SHEET NO 5A FOR ALIGNMENT & PIPE CHANGES

FED. ROAD DIST. NO.	STATE	COUNTY	FED. AID PROJ. NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
8	S.C.	EDGEFIELD	184-R Sec. 1	39	5	18



NOTE:-  
MANHOLES AT STATIONS 415+60, 420+15 AND 438+60 TO BE LOWERED DURING CONSTRUCTION TO FIT GRADE AS SHOWN BELOW

NOTE:-  
The pipe noted on these plans for Storm Sewer is to be used provided satisfactory arrangements can be made with the town of Johnston regarding proper participation of cost. The Res Engr is to confer with Division Engineer for proper procedure.



NOTE TO RES. ENGR.  
Changes involving increased cost of Project or changes in alignment must be specifically authorized by the State Highway Engineer in advance of being made. Division Engineers with consent of Federal Representative, may authorize minor alterations not in conflict with the standard practices of the Department and not involving increases in cost.

NOTE TO RES. ENGR.-  
Keep a record on your set of plans of all changes made during construction and forward each month to Columbia office, information necessary to check monthly estimates.  
All ditches will be paid for at the unit price per cubic yard of Common Excavation in accordance with section 13 of the Road Specifications.  
All fills of one foot or more in depth shall be rolled in accordance with Section 16 of the Road Specifications.  
All curves of 1° and over are to be super-elevated as shown on sheet no. 4. Elevations shown are normal elevations before super-elevation is added.

All buildings etc. are to be removed from right of way so as to secure an unobstructed right of way for the width shown on the plans.  
All power and el. poles are to be removed from roadway.  
The Res Engr. is to have proper grade connections made with existing road at beginning and end of Project.  
The right is reserved to increase or decrease the quantity of thick or thin section on Longitudinal Center Joint to suit conditions in the field or as shall be indicated by the Res. Engineer.

NOTE TO RES. ENGR.-  
The templates between Sta. 410+00 and Sta. 471+75 were plotted for 18" concrete section. Before construction, make proper allowance for 20" concrete section.

DATE	BY	REVISION
12/12/22	ALB	1

DATE	BY	REVISION
12/12/22	ALB	1

FED. ROAD DIST. NO.	STATE	COUNTY	FED. AID PROJ. NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
8	S.C.	EDGEFIELD	184-R Sec. 1	39	6	18

DATE	BY
12-2-30	J. C. WATSON
NO. 1	

DATE	BY
12-2-30	J. C. WATSON
NO. 1	

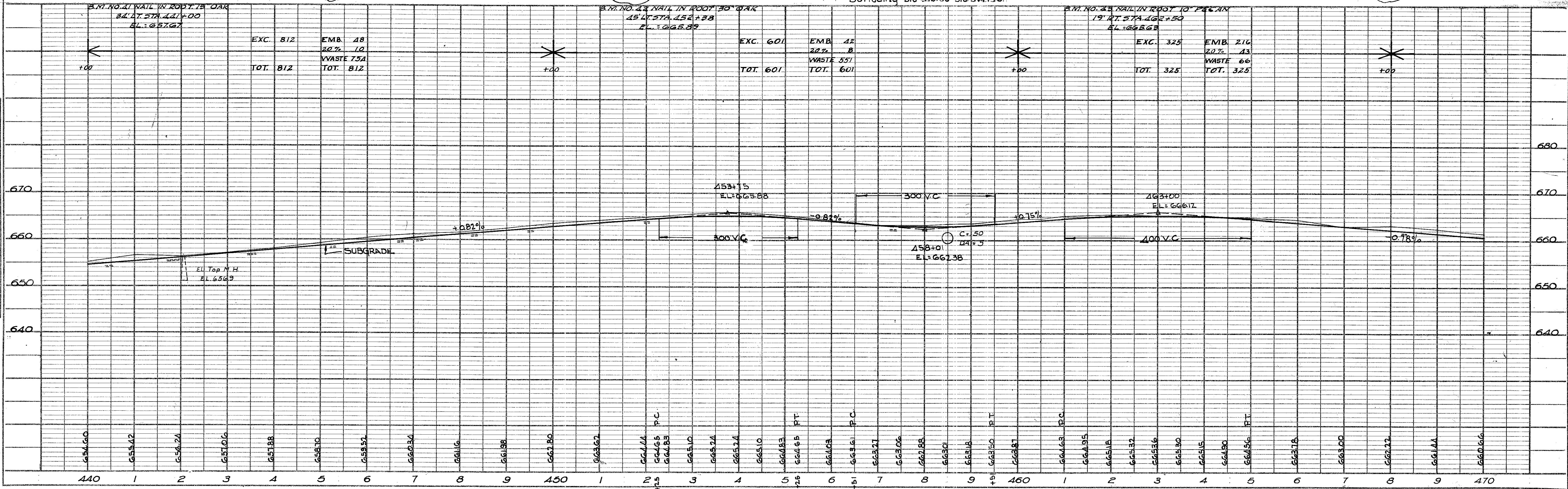
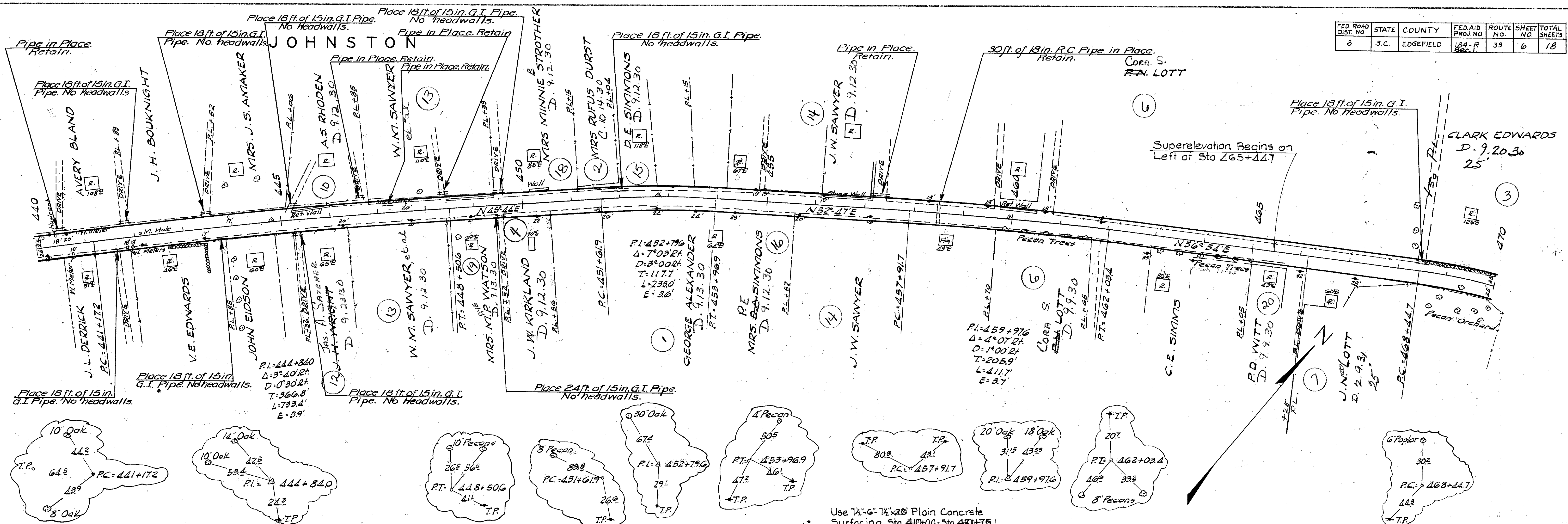
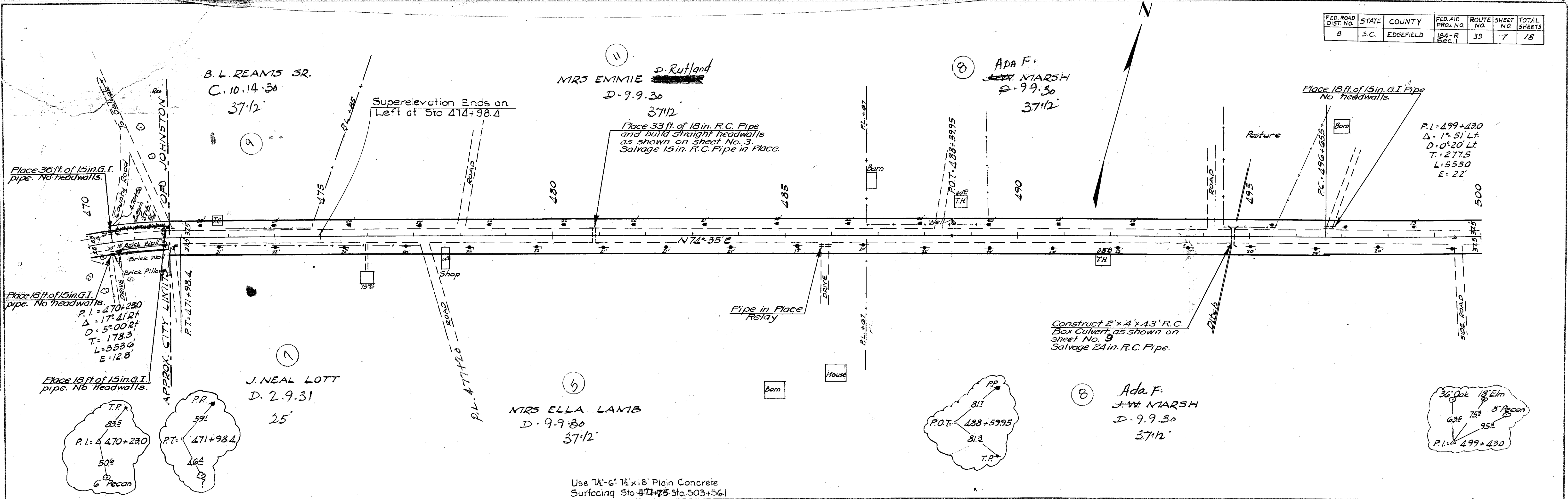


PLATE 1-PLAN PROFILE O.R.S. & E. STANDARD

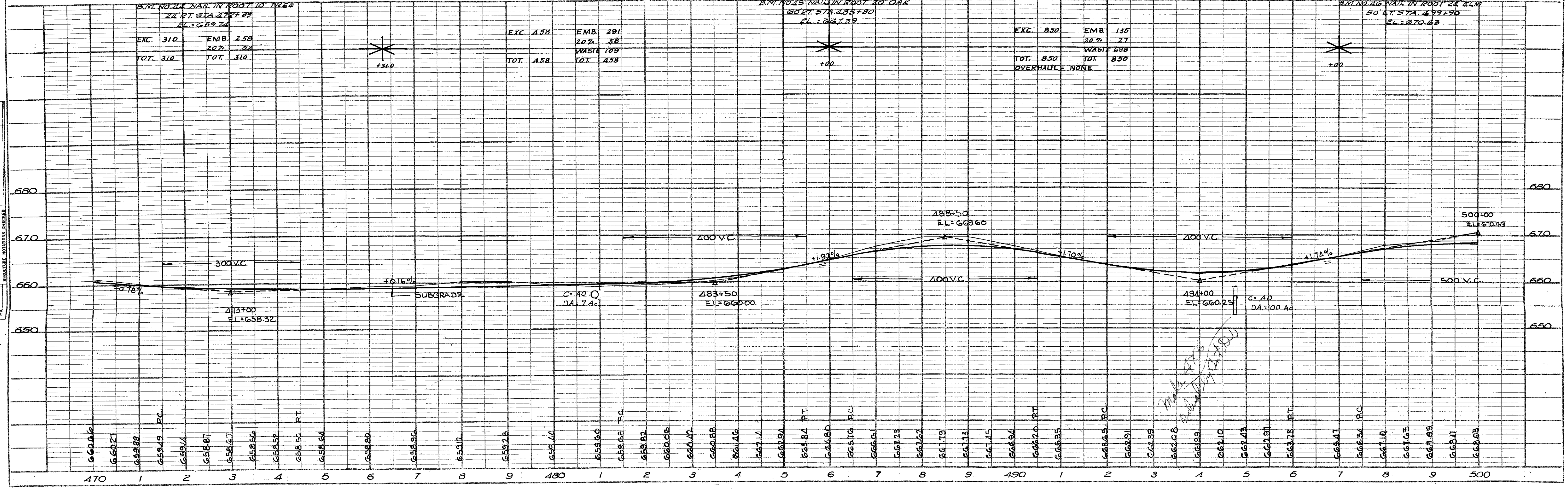
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8	S.C.	EDGEFIELD	184-R Sec.	39	7	18

DATE	BY
12-23-30	B.S.
REVISIONS	
1. 12-23-30	B.S.
2. 12-23-30	B.S.
3. 12-23-30	B.S.
4. 12-23-30	B.S.
5. 12-23-30	B.S.
6. 12-23-30	B.S.
7. 12-23-30	B.S.
8. 12-23-30	B.S.
9. 12-23-30	B.S.
10. 12-23-30	B.S.
11. 12-23-30	B.S.
12. 12-23-30	B.S.
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16. 12-23-30	B.S.
17. 12-23-30	B.S.
18. 12-23-30	B.S.
19. 12-23-30	B.S.
20. 12-23-30	B.S.

DATE	BY
12-23-30	B.S.
REVISIONS	
1. 12-23-30	B.S.
2. 12-23-30	B.S.
3. 12-23-30	B.S.
4. 12-23-30	B.S.
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18. 12-23-30	B.S.
19. 12-23-30	B.S.
20. 12-23-30	B.S.



Use 7 1/2" - 6" - 7 1/2" x 18" Plain Concrete Surfacing Sta. 471+75 Sta. 503+56.1

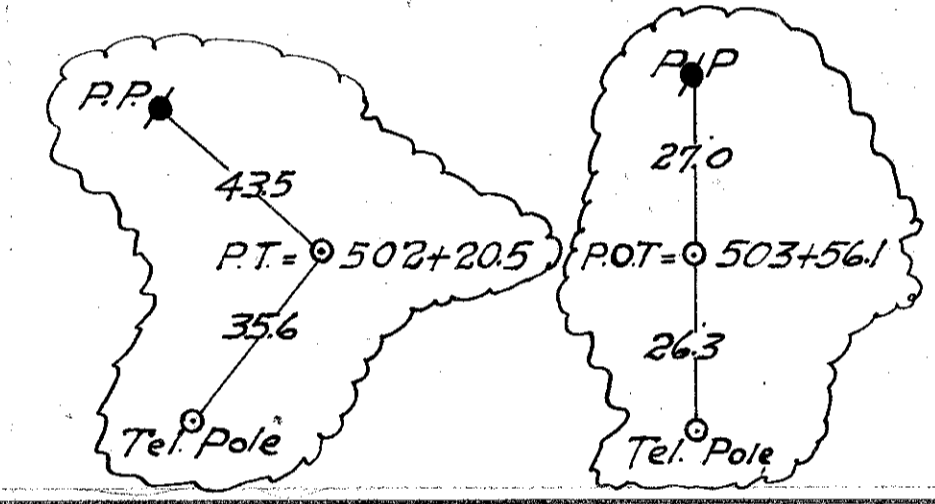
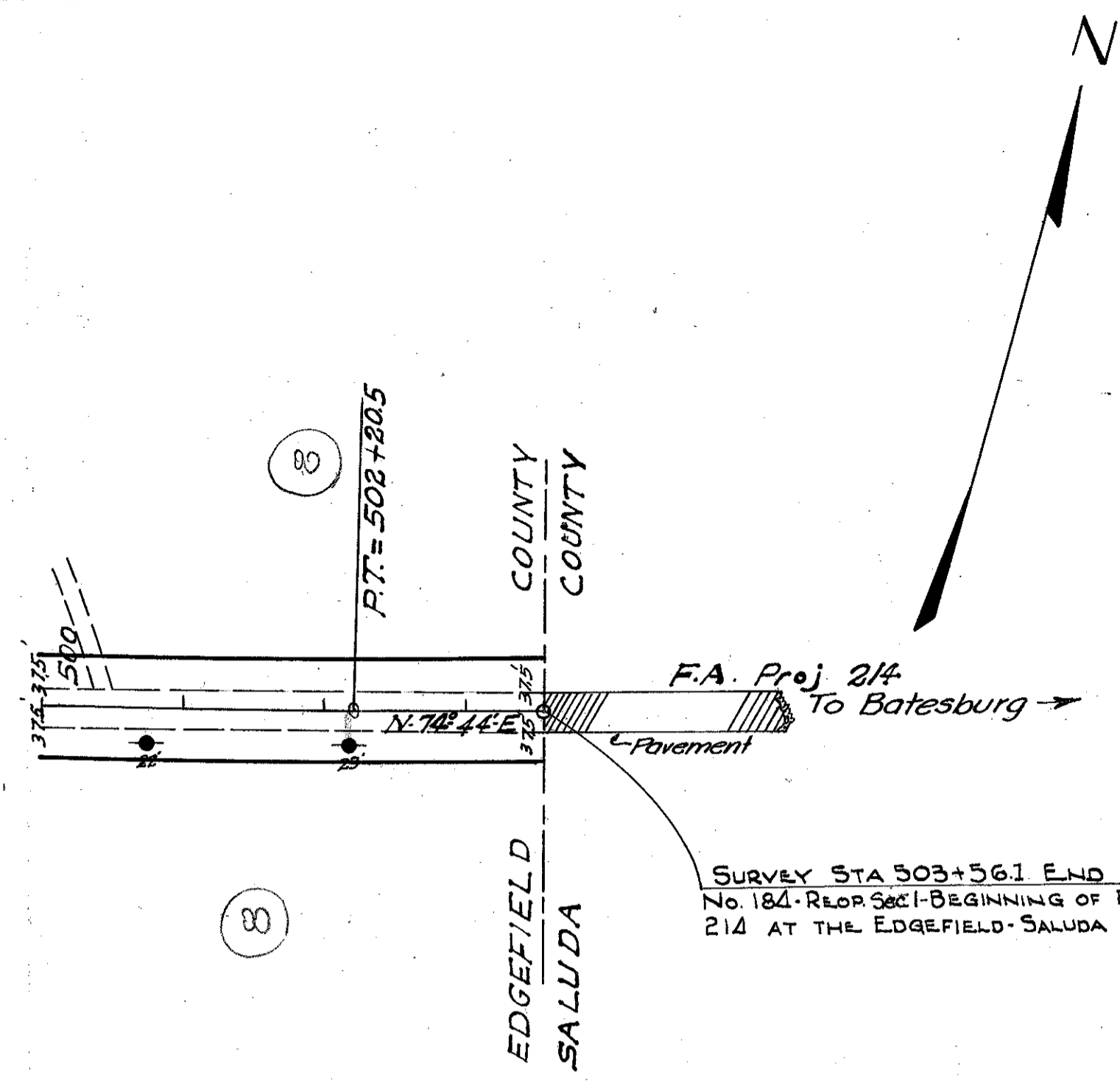


12-23-30 B.S.

FED. ROAD DIST. NO.	STATE	COUNTY	FED. AID PROJ. NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
8	S. C.	EDGEFIELD	184-R 66c	39	8	18

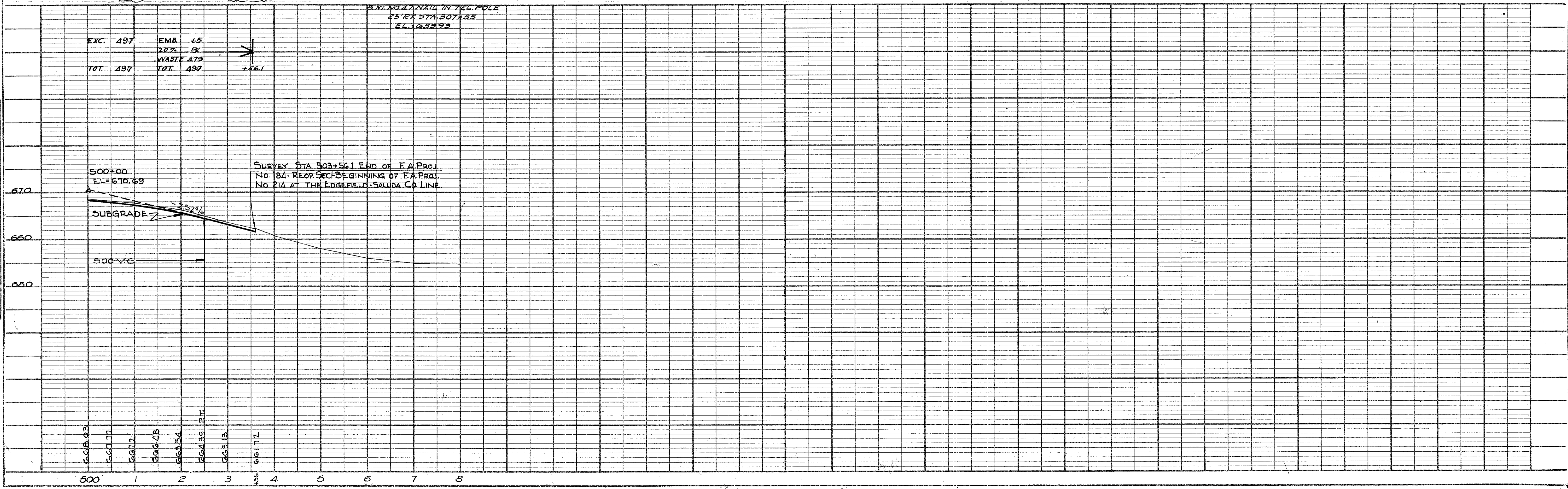
DATE	BY	REVISION

SURVEYED BY: \_\_\_\_\_  
 PLANNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 SHEET: \_\_\_\_\_ OF \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

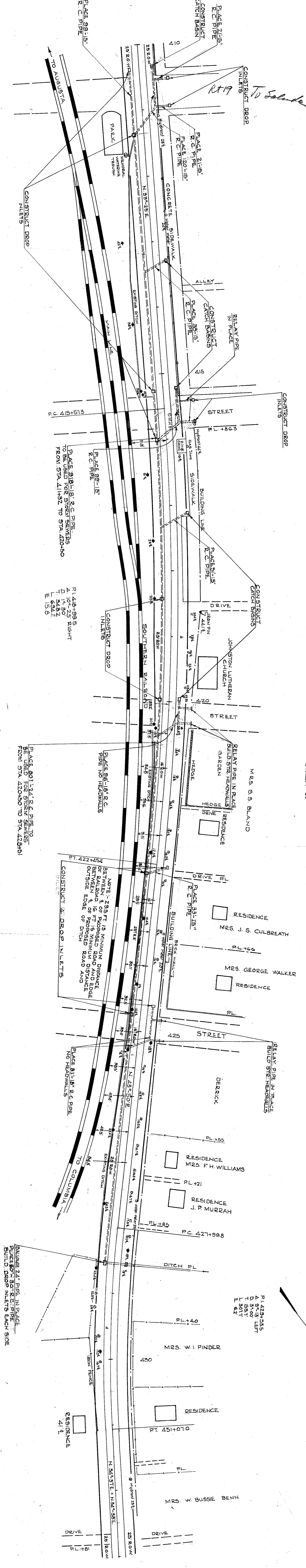


DATE	BY	REVISION

SURVEYED BY: \_\_\_\_\_  
 PLANNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 SHEET: \_\_\_\_\_ OF \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_



SKETCH  
SHOWING  
PROPOSED ROADWAY  
AND  
SOUTHERN RAILROAD  
IN TOWN OF JOHNSTON  
ON ROUTE NO 59  
FEDERAL AID PROJECT NO. 184 BEOR SEC. 1  
EDGEFIELD COUNTY  
SCALE: 1"=50'



P 1429+55.5  
D 3'-0" LEFT  
T 153.1  
L 30.1  
E 6.2

SAVAGE 24" PIPE IN PLACE  
PLACE 30" R.C. PIPE  
BUILD DROP INLETS EACH SIDE

NOTE: 29.5 FT IS MINIMUM DISTANCE  
BETWEEN RAILROAD AND EDGE  
OF PROPOSED ROADWAY  
OUTSIDE EDGE OF DITCH

PLACE 30" R.C. PIPE TO  
BE USED FOR STORM SEWERS  
FROM STA. 420+50 TO STA. 424+51

P 1428+99.5  
D 10'-0" RIGHT  
T 54.82  
L 69.11  
E 15.8

PLACE 30" R.C. PIPE  
TO BE USED FOR STORM SEWERS  
FROM STA. 411+32 TO STA. 420+50