

# INDEX OF SHEETS

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- " 1-A - Moving Items
- " 2 - Typical Sections of Imp.
- " 3 - Intersection Standard
- " 4 - Super-elevation Standard
- " 5 - Traffic Control Devices
- " 6-12 - Plan & Profile
- " 12-31 - X-Sections

## SOUTH CAROLINA STATE HIGHWAY DEPARTMENT COLUMBIA

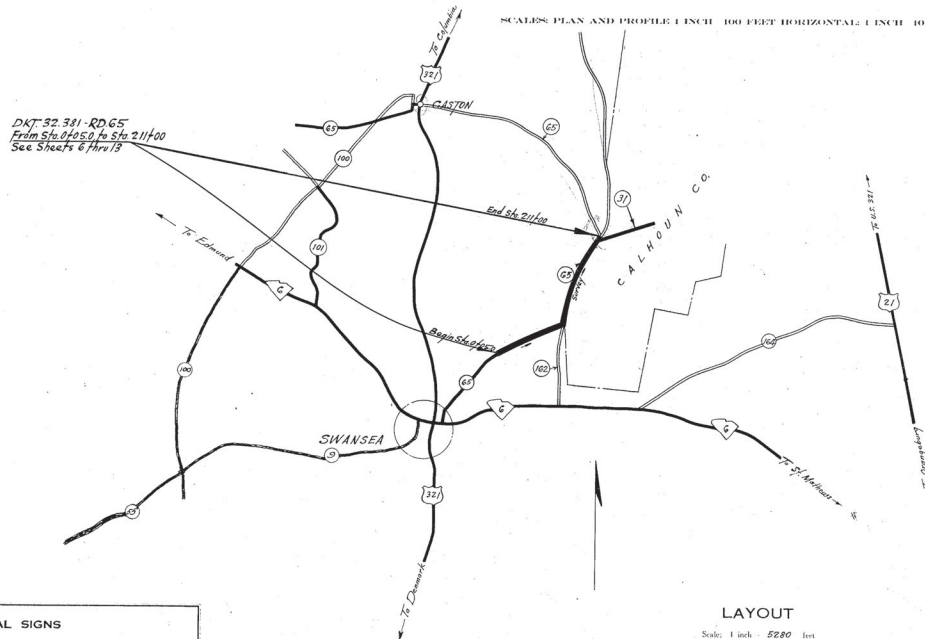
# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

DKT 32381  
RD 65

RD 5-1475 to RD 5-1073

LEXINGTON COUNTY

SCALE: PLAN AND PROFILE 1 INCH = 100 FEET HORIZONTAL 1 INCH = 10 FEET VERTICAL



## LAYOUT

Scale: 1 inch = 5280 feet

|                         |       |       |
|-------------------------|-------|-------|
| Net Length of Roadway   | 3.995 | Miles |
| Net Length of Bridges   | —     | Miles |
| Net Length of Project   | 3.995 | Miles |
| Length of Exceptions    | —     | Miles |
| Gross Length of Project | 3.995 | Miles |

Equalities in Stationing

None

Note: All workmanship and material on this project to conform with South Carolina State Highway Department Standard Specifications for Highway Construction dated March 15th 1939, as approved by the Administrator, Federal Works Agency.

| FED. ROAD DIST. NO. | STATE | COUNTY    | DISTRICT NO. | P. A. PROJ. NO. | DATE | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|--------------|-----------------|------|-----------|--------------|
| 3                   | S. C. | Lexington | 32-381       | 65              | 1    | 31        |              |

## SUMMARY OF ESTIMATED QUANTITIES

|                                                       |        |       |  |
|-------------------------------------------------------|--------|-------|--|
| <b>EARTHWORK</b>                                      |        |       |  |
| Clearing and Grubbing within Roadway                  | Nec.   | L.S.  |  |
| Clearing and Grubbing of Borrow and Material Pits     | 2      | Ac.   |  |
| (Excavation)                                          | 12,347 | CY    |  |
| Overhaul                                              | 64,757 | CY.M. |  |
| Selected Material for Shoulders                       | 2,427  | CY    |  |
| <b>BASE COURSE</b>                                    |        |       |  |
| Earth Type Base Course (2" Material)                  | 10,515 | CY    |  |
| Scarifying, Mixing, Remixing, Shaping and Reshaping   | 50,521 | MSY   |  |
| <b>SURFACING</b>                                      |        |       |  |
| Bituminous Surfacing (Inverted Penetration with Seal) | 48,178 | SY    |  |
| <b>STRUCTURES</b>                                     |        |       |  |
| 15" RC Pipe                                           | 632    | LF    |  |
| 18" " "                                               | 520    | LF    |  |
| 24" " "                                               | 196    | LF    |  |
| 30" " "                                               | 56     | LF    |  |
| 18" " "                                               | 76     | LF    |  |
| 18" Relaid RC Pipe                                    | 20     | LF    |  |
| 24" " "                                               | 30     | LF    |  |
| <b>INCIDENTALS</b>                                    |        |       |  |
| 4" Tile Underdrain                                    | 100    | LF    |  |
| Reset Fences                                          | 2000   | LF    |  |
| See sheet No 1-A for Moving items                     |        |       |  |

## CONVENTIONAL SIGNS

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

## LEGEND

PROPOSED PROJECT  
OTHER ROADS

APPROVED: *J. M. Pearson* 2-24-53  
STATE HIGHWAY ENGINEER DATE

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS  
RECOMMENDED FOR APPROVAL  
DISTRICT ENGINEER DATE  
APPROVED: *[Signature]*  
DIVISION ENGINEER DATE

PLAN  
 SURVEYED  
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SURVEY STA 0+050 BEGINNING OF DKT. 32.381-RD. 65  
 AT END OF BIT. SURF ON RD. 65

THE EQUALITY:-  
 STA. 0+000 DLT 32.381 RD. 65  
 STA. 1+000 DLT 32.381 RD. 65

JOHN T. RAST  
 D-3-24-55

JOHN T. RAST  
 D-3-24-55

W. CLAYTON RAST  
 D-3-23-55

| FED. ROAD DIST. NO. | STATE | COUNTY    | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| 3                   | S. C. | Lexington | 32.381      | 65        | 31           |

Place 20' x 15' RC Pipe  
 Place 20' x 18' RC Pipe  
 Construct outfall Ditch Est. 50 CY

# NOTES:

Changes involving increased cost of project or changes in alignment must be specifically authorized by the State Highway Engineer. District Engineer may authorize minor alterations not in conflict with the Standard Practices of the Department and not involving increases in cost. Forward information on any change in alignment to the Columbia Office as soon as the revision is completed.

All curves are to be super-elevated for a design speed of 45 MPH by revolving about centerline as shown on sheet No. 1.

The cost of all drilling and chipping necessary in extending pipe culverts shall be included in the price bid per linear foot for pipe.

The following quantities are not shown in detail on the plans, but are included in the Summary of Estimated Quantities and may be varied during construction as directed by the Engineer.

- Overhaul 42,320 CY/M for Base Course Material
- 9,708 CY/M for Shoulder Material
- Each Type Base Course 260 CY for Intersections
- (around Surf Mat)
- Scarifying, Mixing, etc. 1300 MSY for Intersections
- Bituminous Surfacing 1300 SY for Intersections
- 15' RC Pipe 100 LF for Additional Side Lines
- 18' RC Pipe 100 LF for Additional Side Lines
- 4' Tile Underdrain 100 LF where directed by Engineer
- Reset Fences 2000 LF where directed by Engineer

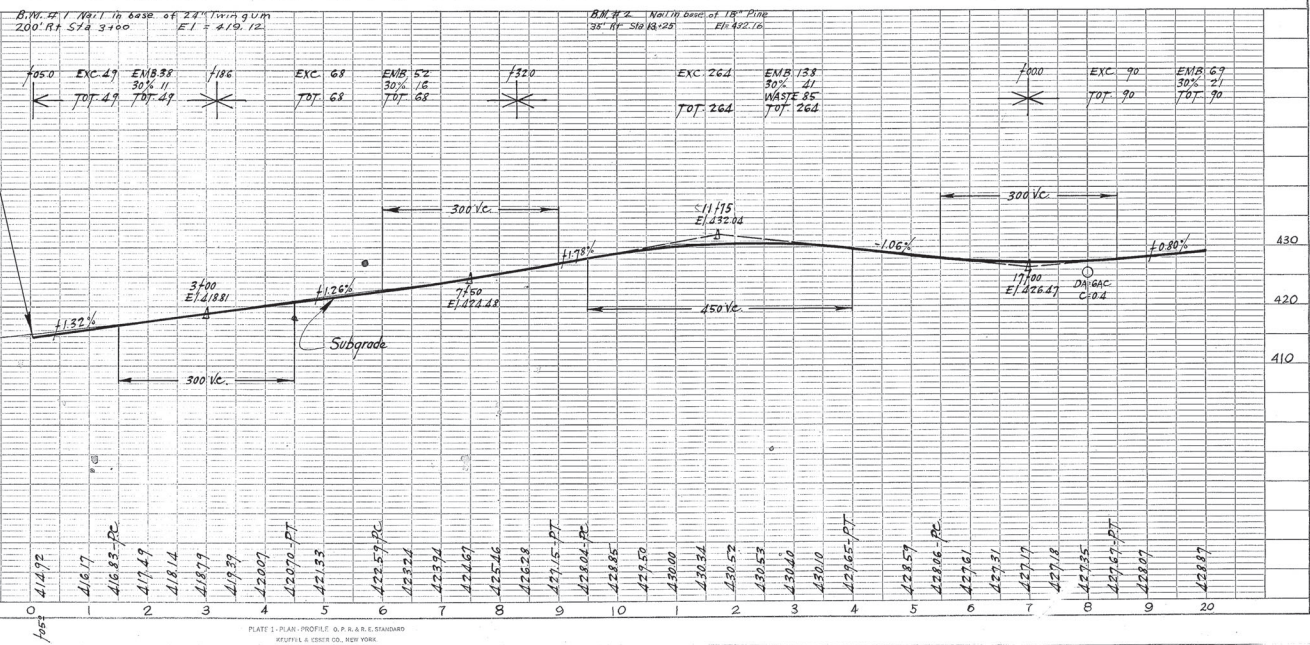
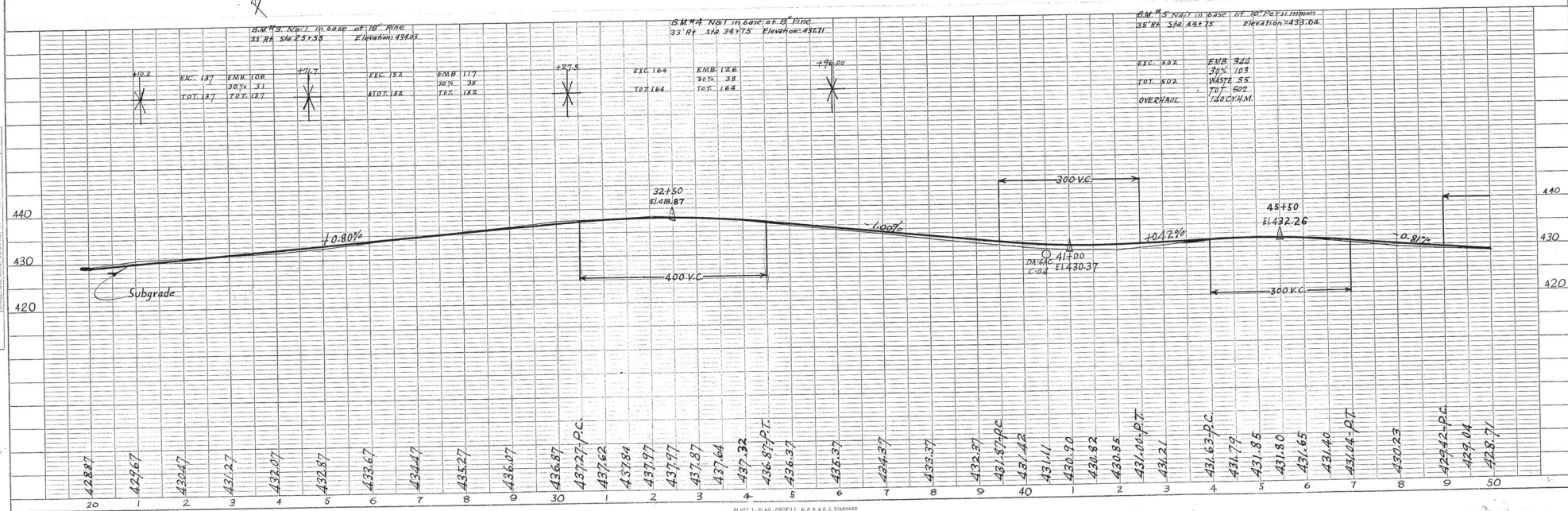
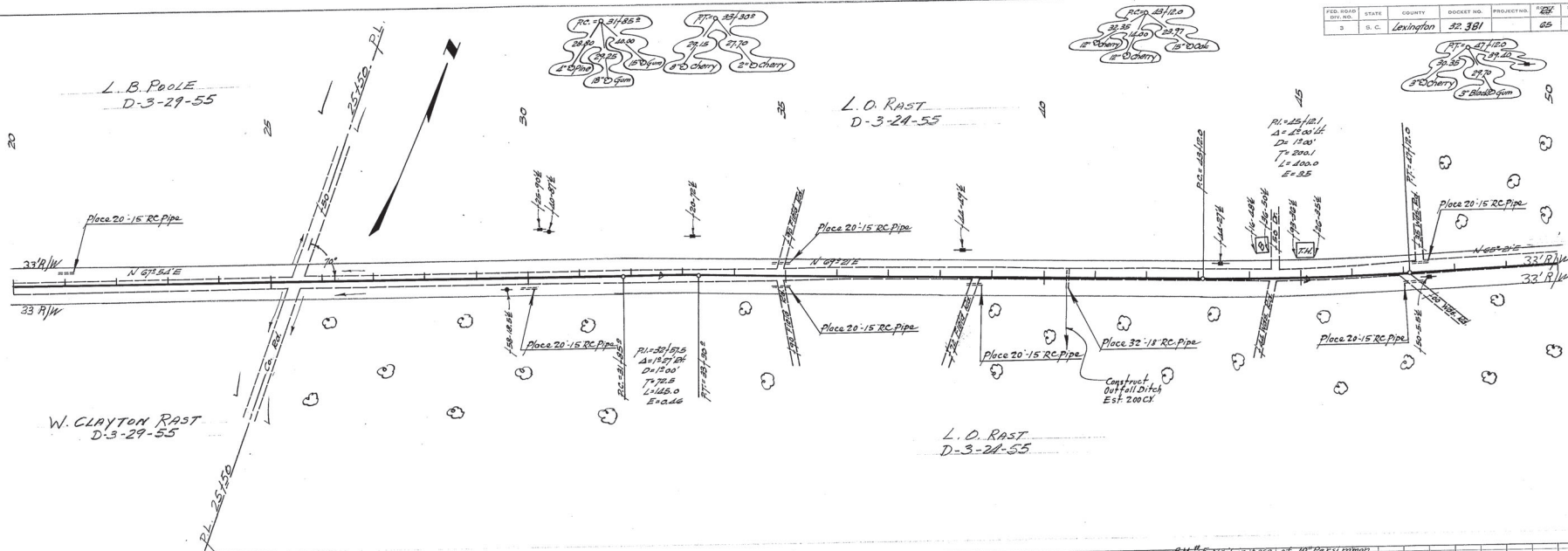


PLATE 1 - PLAN - PROFILE O. P. A. R. E. STANDARD  
 REPRODUCE & CHECK CO., NEW YORK

PLAN  
 SURVEYED  
 NOTE BOOK  
 ADJUSTMENT CHECKED  
 BY: OF WA. CHECKED  
 NO.

PROFILE  
 SURVEYED  
 NOTE BOOK  
 ADJUSTMENT CHECKED  
 BY: OF WA. CHECKED  
 NO.

| FED. ROAD DIST. NO. | STATE | COUNTY    | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| 3                   | G. C. | Lexington | 52.381      | 65        | 7 31         |



|                           |      |
|---------------------------|------|
| <b>PLAN</b>               | DATE |
| <b>NOTE BOOK</b>          | BY   |
| <b>SURFED.</b>            | DATE |
| <b>PLOTTED</b>            | DATE |
| <b>ALIGNMENT CHECKED</b>  | DATE |
| <b>Rt. of Way Checked</b> | DATE |

