

INDEX OF SHEETS

1	TITLE SHEET
1-A	MOVING ITEMS
2-2A	TYPICAL SECTION OF IMPROVEMENTS
3	ENDWALLS FOR PIPE CULVERTS
4	SUPERELEVATION STANDARD
5	STANDARD DESIGN FOR DROP INLET
6	FEDERAL AID MARKERS
7-21	PLAN & PROFILE STA. 708+50 TO STA. 1130+39.0
22	QUADRUPLE 12'X11'X30" R.C. BOX CULVERT STA. 810+70
23	DOUBLE 6'X6'X34" R.C. BOX CULVERT STA. 889+63
24	QUADRUPLE 10'X8'X30" R.C. BOX CULVERT STA. 958+40
25	DOUBLE 8'X8'X30" R.C. BOX CULVERT STA. 1028+00
26-71	CROSS-SECTIONS STA. 708+50 TO STA. 1130+39.0

SOUTH CAROLINA STATE HIGHWAY DEPARTMENT COLUMBIA

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FED. AID PROJ. NO. S-95 (2)

DOCKET NO. 40.245

ROUTE NO. 48

RICHLAND COUNTY

FROM GADSDEN TO WATEREE

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

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Richland	40.245	FA 95(2)	48	1	71

SUMMARY OF ESTIMATED QUANTITIES

EARTHWORK

Clearing & Grubbing within Roadway	Necessary
Clearing & Grubbing of Borrow and Material Pits	3 Acres
Common Excavation	110,837 Cu. Yds.
Overhaul	102,243 C.Y.H.M.
Selected Material for Shoulders	7,183 Cu. Yds.

BASE COURSE

Earth Type Base Course (Pit Material)	28,195 Cu. Yds.
Scarifying, Mixing, Remixing, Shaping and Reshaping	101,441 M.S.Y.
Additional Scarifying, Mixing, Remixing, Shaping and Reshaping	34,000 M.S.Y.

SURFACING

Bituminous Surfacing (Inverted Penetration with Seal)	96,753 S.Y.
---	-------------

STRUCTURES

Class "A" Concrete	488.19 C.Y.
Reinforcing Steel	56,204 Lbs.
16" Reinf. Conc. Pipe	680 L.F.
18	500 "
24	196 "
30	240 "
36	120 "
42	92 "
48	10 "
RIP RAP	155 TONS
UNTREATED TIMBER CUT-OFF WALLS	268 L.F.

INCIDENTALS

Federal Aid Markers	2 Units
" " Number Plates	2 "
Drop Inlets (24"x36")	1 "
See sheet No. 1-A for Moving Items and Fences	

TIE EQUALITY ONLY

STA. 1133+01.65 DOCKET NO. 40.245 =
STA. 611+60.55 N.R.S. PROJ. NO. 387-B (1935)

TIE EQUALITY ONLY

STA. 619+00 N.R.S. PROJ. NO. 387-B (1935) =
STA. 619+00 FED. AID PROJ. NO. 497-C

SURVEY STA. 1130+39.0
END OF DOCKET NO. 40.245
IN TOWN OF WATEREE.

APPROVED

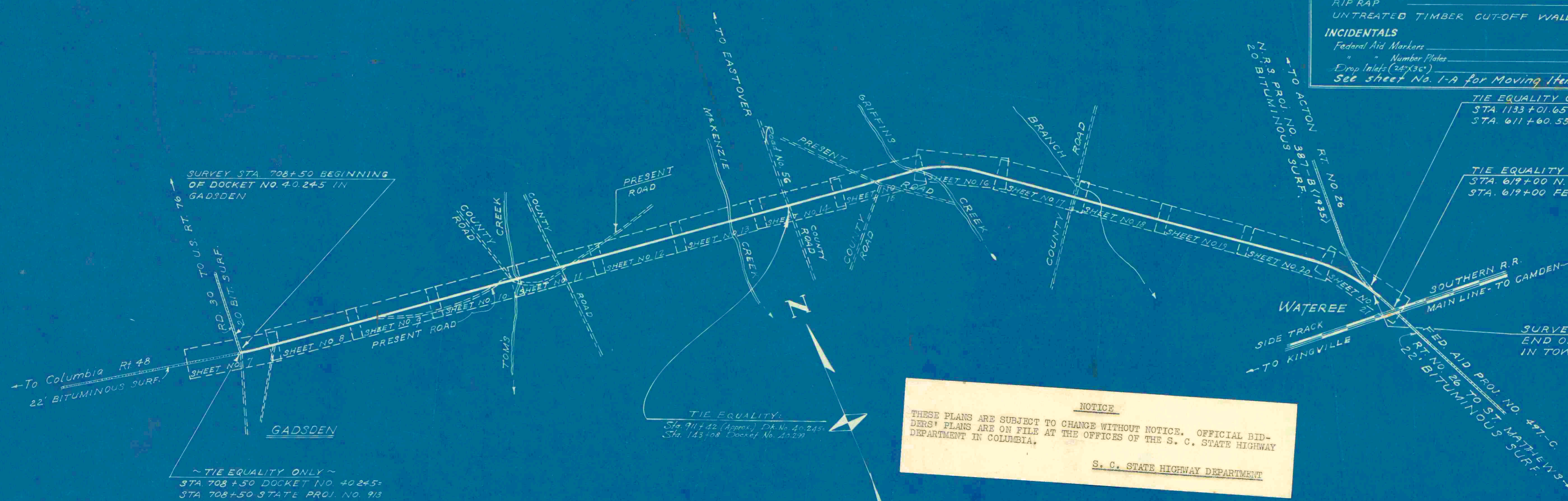
M. Rawson
STATE HIGHWAY ENGINEER 8/20/47

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY



NOTICE
THESE PLANS ARE SUBJECT TO CHANGE WITHOUT NOTICE. OFFICIAL BIDDERS' PLANS ARE ON FILE AT THE OFFICES OF THE S. C. STATE HIGHWAY DEPARTMENT IN COLUMBIA.
S. C. STATE HIGHWAY DEPARTMENT

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	Slumps
Q and R.O.W. Lines of	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

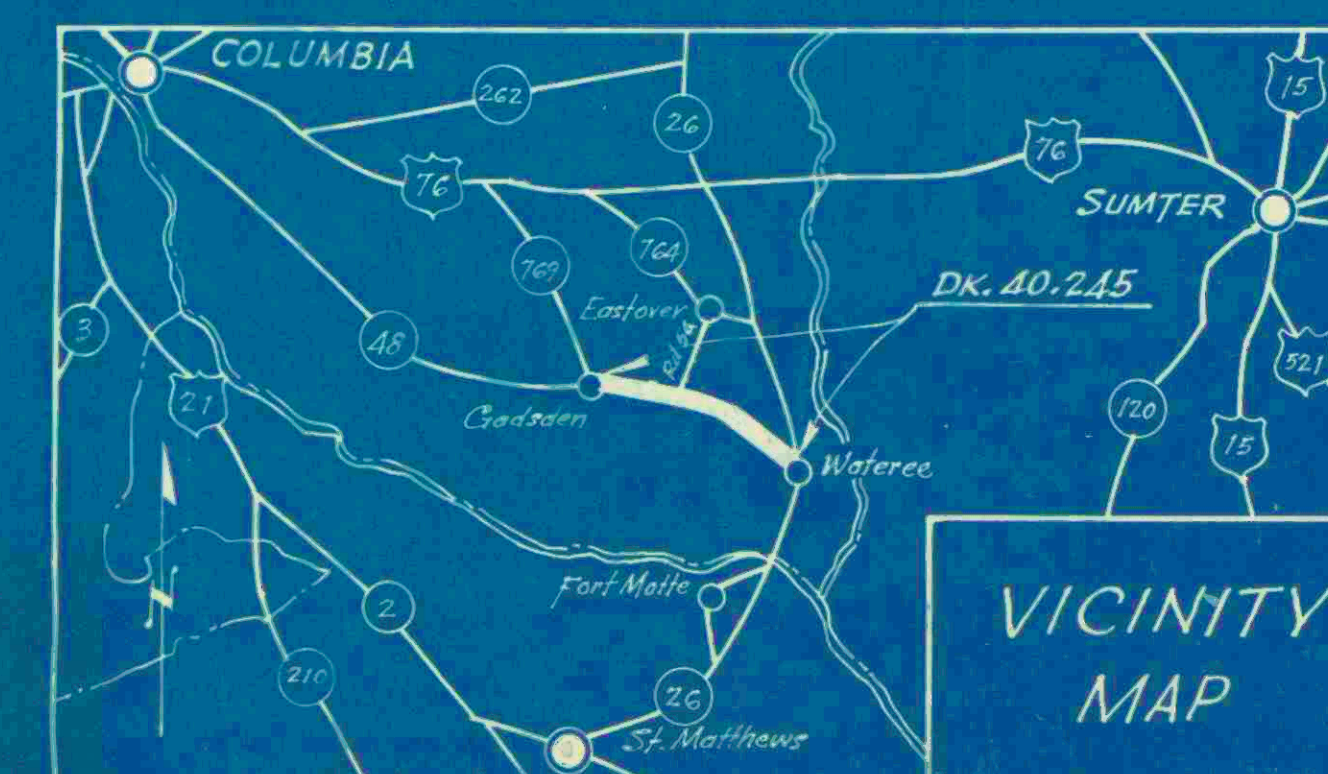
LEGEND

PROPOSED PROJECT	
OTHER ROADS	

LAYOUT

Scale: 1 inch = 200 feet

Net Length of Roadway	7.972	Miles
Net Length of Bridge	0.018	Miles
Net Length of Project	7.990	Miles
Length of Exemption	0.000	Miles
Gross Length of Project	7.990	Miles



VICINITY MAP

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