

INDEX OF SHEETS

SHEET No.	TITLE PAGE
" 1A	MOVING ITEMS
" 2	TYPICAL CROSS SECTIONS OF IMPROVEMENT
" 2A, B, C	STANDARD TYPE INTERSECTIONS
" 3	ENDWALLS FOR PIPE CULVERTS
" 3A	STANDARD DESIGN FOR R.R. ADVANCE WARNING AND CROSSING SIGNS
" 4	SUPERELEVATION STANDARD
" 4A	DESIGN OF FEDERAL AID MARKERS AND NUMBER PLATES
" 5-5A	STANDARD DESIGN FOR CATCH BASIN AND CASTING
" 6-22	PLAN AND PROFILE - STA. 471+30.0 TO STA. 944+91.0
" 22A	STANDARD DESIGN FOR UNTREATED TIMBER CUT-OFF WALLS
" 23	4'x4'x70' R.C. BOX CULVERT ON 30° SKEW - STA. 562+71.9
" 24	10'x10'x72' R.C. BOX CULVERT ON 30° SKEW - STA. 573+25
" 25	TR. 12'x12'x40' R.C. BOX CULVERT ON 20° SKEW - STA. 714+35
" 26	4'x6'x40' R.C. BOX CULVERT ON 30° SKEW - STA. 767+85
" 27	4'x6'x32' R.C. BOX CULVERT - STA. 879+80
" 28	7'x6'x32' R.C. BOX CULVERT - STA. 911+00
" 28A	TIMBER BRIDGE - RIGHT OF STA. 717+35
" 29-85	CROSS SECTIONS - STA. 471+30.0 TO STA. 944+91.0
" 85A-F	FOUNDATION DETAILS FOR BOX CULVERTS

SOUTH CAROLINA STATE HIGHWAY DEPARTMENT COLUMBIA

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT No. S 132 (1) PARTS 2&3

DOCKET No. 33.224

STATE ROUTE No. 283

MCCORMICK COUNTY

EDGEFIELD COUNTY LINE TO STATE ROUTE NO. 28

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

FED. ROAD No.	STATE	COUNTY	FED. AID PROJ. No.	ROUTE No.	SHEET No.	TOTAL SHEETS
	S. C.	MCCORMICK	S 132 (1) PARTS 2&3	283	1	65

SUMMARY OF ESTIMATED QUANTITIES

	PART 2	PART 3	
EARTHWORK	ALL NECESSARY	ALL NECESSARY	ACRES
CLEARING AND GRUBBING WITHIN RIGHT OF WAY	142,445	4,227	CU. YDS.
UNCLASSIFIED EXCAVATION	98,220	4,002	C.Y.H.M.
OVERHAUL	7841	538	CU. YDS.
SELECTED MATERIAL FOR SHOULDERS			
BASE COURSE			CU. YDS.
EARTH TYPE BASE COURSE (GROUND SURFACE MATERIAL)	26,967	1,209	
SCARIFYING, MIXING, REMIXING, SHAPING AND RESHAPING	109,231	4,929	M. S. Y.
ADDITIONAL SCARIFYING, MIXING, REMIXING, SHAPING & RESHAPING	36,000	2,000	M. S. Y.
SURFACING			SQ. YDS.
BITUMINOUS SURFACING (Unstayed Penetration with Seal)	104,172	4,732	
STRUCTURES			LIN. FT.
UNTREATED TIMBER CUT-OFF WALLS	229		
PORTLAND CEMENT CONCRETE FOR STRUCTURES (CLASS "A")	582.70	1.19	CU. YDS.
REINFORCING STEEL	64,485	45	LBS.
UNTREATED STRUCTURAL TIMBER	5,167		M.B.M.
HARDWARE			LBS.
15" R.C. PIPE	331.2		
18" R.C. PIPE	284	24	LIN. FT.
24" R.C. PIPE	1484	244	LIN. FT.
30" R.C. PIPE	436	72	LIN. FT.
36" R.C. PIPE	352		LIN. FT.
42" R.C. PIPE	232		LIN. FT.
15" RELAND PIPE	788		LIN. FT.
18" RELAND PIPE		11	LIN. FT.
24" RELAND PIPE	117	32	LIN. FT.
30" RELAND PIPE	320		LIN. FT.
CEMENT RUBBLE MASONRY	65		LIN. FT.
INCIDENTAL CONSTRUCTION			CU. YDS.
RIP RAP	715		
CONCRETE CURB AND GUTTER (3'x0")		97	LIN. FT.
CATCH BASIN TYPE No. 2			
CATCH BASIN TYPE No. 3			
RAILROAD CROSSING SIGN			
RAILROAD ADVANCE WARNING SIGN			
FEDERAL AID MARKERS			
FEDERAL AID NUMBERS/PLATES			

See sheet No. 1-A for Moving Items

EQUALITY - TIE ONLY
STA. 945+02.0 FED. AID PROJ. No. S 132 (1) PART 3
STA. 520+21.0 PROJ. No. N.R.M. 125-SEC. 2

SURVEY STA. 944+91.0 END OF FEDERAL AID PROJECT No. S 132 (1) PART 3 AT INTERSECTION WITH STATE ROUTE No. 28 IN PLUM BRANCH.

EXCEPTION TO PROJECT
216' OMITTED FOR RAILROAD
STA. 944+17.1 TO STA. 944+38.7

SURVEY STA. 927+00 END OF FEDERAL AID PROJECT No. S 132 (1) PART 2 AND BEGINNING OF FEDERAL AID PROJECT No. S 132 (1) PART 3 AT PLUM BRANCH TOWN LIMIT.

340.0' BRIDGE TO BE CONSTRUCTED UNDER SEPARATE CONTRACT FROM STA. 833+30.0 TO STA. 843+30.0

APPROVED

C. R. McNeill
STATE HIGHWAY ENGINEER
DATE 2-18-46

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED BY TOWN OF PLUM BRANCH

MAYOR	DATE 2-14-44	COUNCILMAN	DATE
J. C. Winn	DATE 3-12-44	COUNCILMAN	DATE
S. J. King	DATE 3-12-44	CLERK	DATE 2-14-44

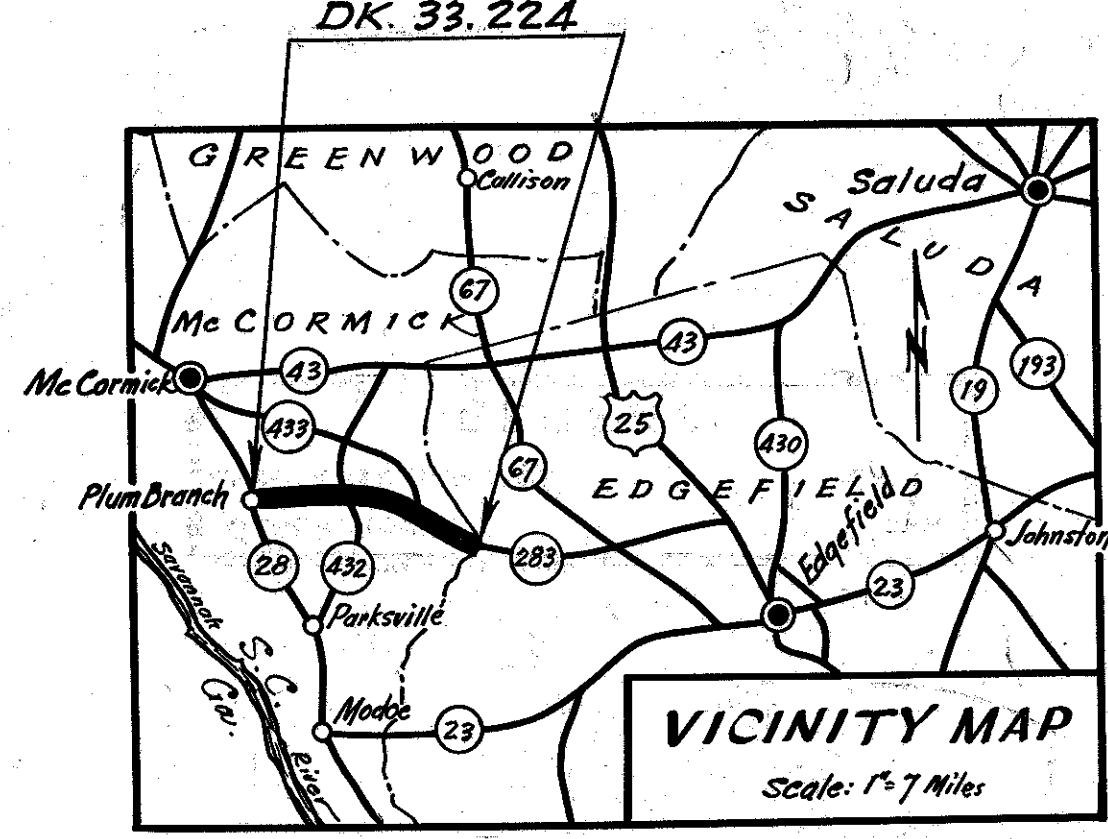
LAYOUT

Scale: 1 inch = 3200 feet

	PART 2	PART 3
Net Length of Roadway	8.610	0.335 Miles
Net Length of Bridges	0.077	0.000 Miles
Net Length of Project	8.687	0.335 Miles
Length of Exceptions	0.000	0.004 Miles
Gross Length of Project	8.687	0.339 Miles

Equalities in Stationing
STA. 510+43.2 = STA. 507+50.8

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.



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	Stumps
℄ 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

This layout extended to include Docket 33.241 - Street improvement in S.W. to W.C. Shepherd Co. Inc. 9-24-47

This layout extended to include Docket 33.241 - Street improvement in S.W. to W.C. Shepherd Co. Inc. 9-24-47

This layout extended to include Docket 33.238 - Section 3 Streets in Plum Branch - See letter S.H.E. to W.C. Shepherd Co. 8-4-47

PLAN	DATE
SURVEYED	
NOTED	
GRADES CHECKED	
STRUCTURE NOTATION CHECK	
NO.	

PROFILE	DATE
SURVEYED	
NOTED	
GRADES CHECKED	
STRUCTURE NOTATION CHECK	
NO.	

