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SOUTH CAROLINA STATE HIGHWAY DEPARTMENT COLUMBIA

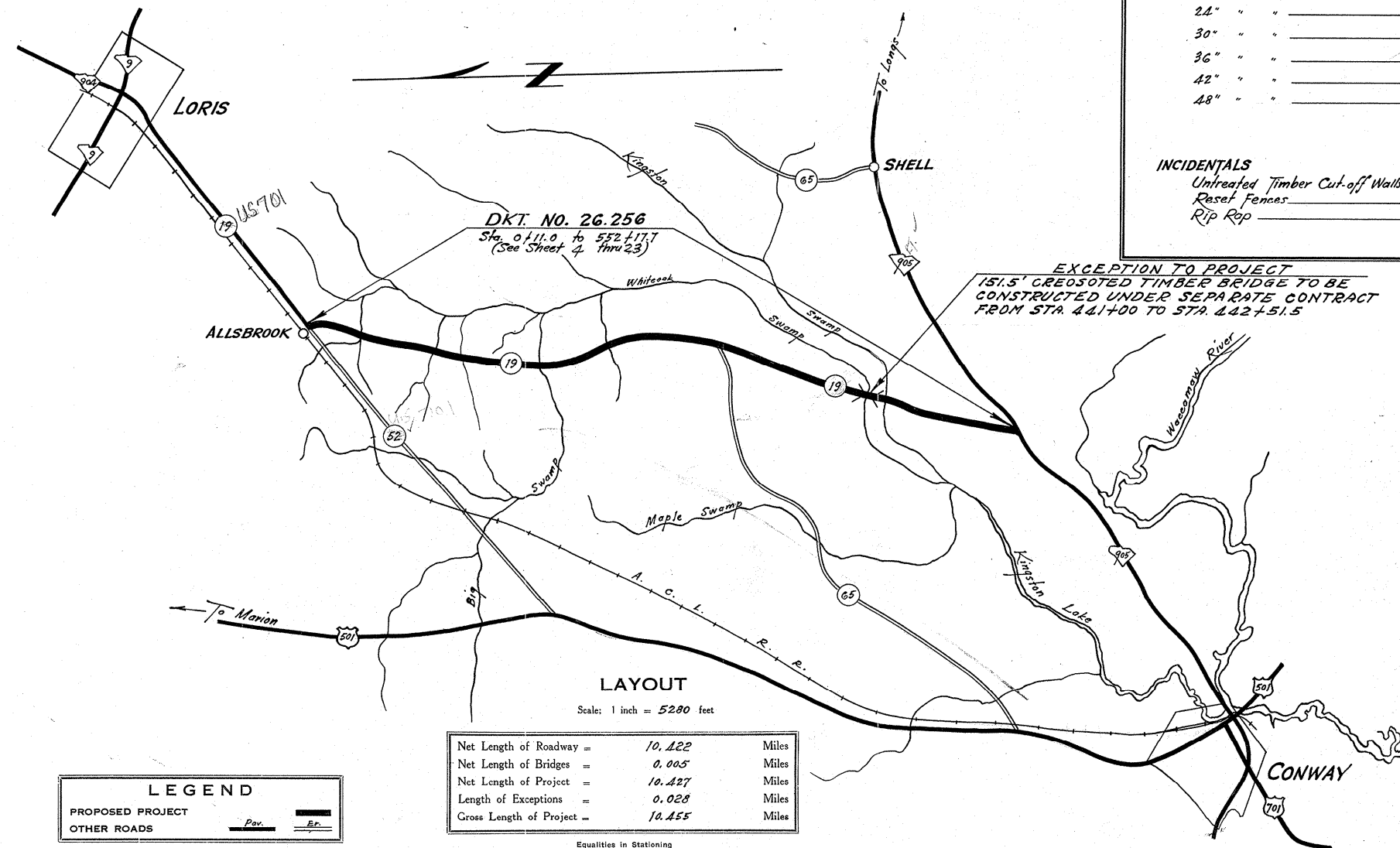
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

DKT. NO. 26.256

RD. 19 (RT. 905)

HORRY COUNTY
FROM ALLSBROOK TO RT. 905

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.	Horry	26.256	—	(905) 24.19	1	68

SUMMARY OF ESTIMATED QUANTITIES

EARTHWORK

Clearing and Grubbing (See Special Provisions)	Necessary
" " of Borrow & Material Pits	5.0 Acres
Common Excavation	79,010 C.Y.
Overhaul	215,573 C.Y.H.M.
Selected Material for Shoulders	7300 C.Y.

BASE COURSE

Earth Type Base Course (Pit Material)	27,498 C.Y.
Scarifying, Mixing, Remixing, Shaping and Reshaping	131,992 M.S.Y.
Add'l. " " " " " "	33,000 "

SURFACING

Bituminous Surfacing (Inverted Penetration with Seal)	125,878 S.Y.
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STRUCTURES

Class "A" Concrete	199.92 C.Y.
Reinforcing Steel	28,677 Lbs.
15" R.C. Pipe	1548 L.F.
18" " "	1932 "
24" " "	936 "
30" " "	44 "
36" " "	36 "
42" " "	216 "
48" " "	72 "

INCIDENTALS

Untreated Timber Cut-off Walls	75 L.F.
Raset Fences	9813 "
Rip Rap	200 Tons

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

APPROVED

S. J. Pearson
STATE HIGHWAY ENGINEER
8/12/48

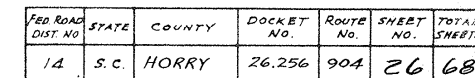
RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

DIVISION ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

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.



STEEL SCHEDULE					
MARK	NO.	SIZE	LENGTH	SPACING	LOCATION
A	60	3" x 4"	28'-4"	12" c.to c.	T. & B. Slabs
B	58	3" x 4"	22'-2"	"	"
C	232	1 1/2" x 6"	6'-3"	As shown	Corners
C1	58	3" x 4"	9'-4"	"	T. & B. Slabs
C2	58	3" x 4"	7'-4"	"	"
D	42	2" x 6"	29'-2"	"	"
F1 to F11	4 ea. / length	1 1/2" x 6"	2'-1" to 4'-7"	"	Wing Footings
G1	90	2" x 6"	9'-4"	8" c.to c.	Side Walls
G2	46	1 1/2" x 6"	9'-4"	16" c.to c.	"
G3	45	1 1/2" x 6"	9'-8"	8" Slag'd.	Midwall
H	16	1 1/2" x 6"	15'-0"	12" Slag'd.	Sidewalls & Windows
H1 to H5	2 ea. / length	1 1/2" x 6"	21'-1" to 35'-1"	"	"
H6	6	1 1/2" x 6"	35'-5"	"	"
H7	8	1 1/2" x 6"	29'-2"	"	Midwall
I1 to I3	4 ea. / length	1 1/2" x 6"	4'-11" to 6'-9"	As shown	Windows
I4 to I10	4 ea. / length	1 1/2" x 6"	7'-3" to 10'-9"	"	"
J	8	5/8" x 6"	13'-0"	"	"
K	4	3" x 6"	11'-0"	"	Headwalls
L	12	1 1/2" x 6"	13'-8"	"	Wing Footings

TOTAL QUANTITIES		
CLASS "A" CONCRETE.....	80.70	CU. YDS.
REINFORCING STEEL.....	10,128	LBS.

CONCRETE P.F.L. BARREL	2.3272	C.Y.
CONCRETE P.F.D. CUT-OFF WALL (1-ENO)	1.2168	C.Y.
EXCAVATION P.F.D. P.F.L. BARREL	1.0185	C.Y.

NOTE:
CONSTRUCT UNTREATED TIMBER CUTOFF
WALLS. SEE ACCOMPANYING SHEET

S. C. STATE HIGHWAY DEPARTMENT
COLUMBIA

CONCRETE CULVERT
REINFORCED BOX TYPE
DOUBLE 10' x 8' x 28'-0"

STA. NO. 177+75

S.C. DOCKET NO. 26.256 Horry County

ROUTE NO. 904 DATE JULY, 1948

B 2.108

351

Designed by D.F. Dukes 10-43
 Drawn by A.T. Clarkson 3-44
 Traced by Carl W. Metz 4-44
 Ch. by W.B. Bull 10-43
 Ch. by W.B. Bull 4-44
 Quantities By: W.B. 5-44
 Quant. checked: A.T.C. 5-44 + G.K.B. 12-44

Adapted: S.T.W. 10-46
Checked: W.B.B. 10-46

NOTES:
 Design Specifications: "Standard Specifications for Highway Bridges" **A.R.S.H.O. 1941.**
 (except f_s) — $f_s = 20,000 \text{ psi}$, $f_c = 1,000 \text{ psi}$, $n = 10$, $v = 90 \text{ psi}$, $u = 165 \text{ psi}$,
 H15 loading, 10' earth fill (max).
 Center of main reinforcing steel shall be 2" from the surface of concrete.
 All concrete shall be class "A".
 Chamfer all exposed edges $\frac{3}{8}$ ".
 Depth of cut-off walls shall be determined by the Engineer and
 quantities added to those shown.
 Structural grade reinforcing steel not permitted.