FED ROAD DIST. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S. C.	GEORGETOWN WILLIAMSBURG	F 2511(3) 22.235 45.238 PART 2	511	1-B	27-B

SOUTH CAROLINA
STATE HIGHWAY DEPARTMENT
COLUMBIA

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT NO. F 2511(3)

AND STATE DOCKETS NO. ~~22.235 & 45.238~~ PART 2

STATE ROUTE NO. ~~511~~ 41

GEORGETOWN WILLIAMSBURG COUNTIES

FROM BLACK RIVER TO INTERSECTION WITH ROUTE NO. 512

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

INDEX OF SHEETS

SHEET No. 1-B TITLE PAGE
" 2-B TYPICAL CROSS SECTIONS OF IMPROVEMENT
" 3-B STANDARD [illegible]
" 4-B SUPERELEVATION STANDARD
" [illegible]
" 5 to 27-B Plan & Profile - Sta. 1708.12 to 686+00

NOTE:- SEE OTHER SET OF PLANS FOR PART 1.

SURVEY STA. 1708.12 BEGINNING OF FEDERAL AID PROJECT No. F 251 (3) AT EAST END OF BLACK RIVER BRIDGE

EQUALITY - TIE ONLY:
STA 1708.12 - STATE DOCK. NO 22.215 & 45.219 =
STA 1708.12 - F.A. PROJ. NO. 2511-B(1) =
Sta. 1708.12 F.A. PROJ. No. F 2511(3) =
Sta. 1708.12 Dk. Nos. 22.235 & 45.235 Part 2

EQUALITY TIE ONLY
STA 2036.4 F. A. PROJ. No. 2511-B(1) =
STA 1400.0 STATE DOCKET No. 45.219 & 22.215 =
Sta. 1400.0 F.A. PROJ. No. F 2511(3)

TO ANDREWS ROUTE 511 F.A. PROJ. NO. 2511-B(1) & F 2511(3) PART 1

F.A.P. No. 2511(3)

BLACK RIVER

TO WARSAW & KINGSTREE ROUTE No. 527

SHEET No. 5-B SHEET No. 6-B SHEET No. 7-B SHEET No. 8-B SHEET No. 9-B SHEET No. 10-B SHEET No. 11-B SHEET No. 12-B SHEET No. 13-B SHEET No. 14-B SHEET No. 15-B SHEET No. 16-B SHEET No. 17-B SHEET No. 18-B SHEET No. 19-B SHEET No. 20-B SHEET No. 21-B SHEET No. 22-B SHEET No. 23-B SHEET No. 24-B SHEET No. 25-B SHEET No. 26-B SHEET No. 27-B

COUNTY ROAD

S-38 ROAD

BIG DRAM SWAMP CREEK

BIG DRAM CREEK

ROAD CO. LINE

WILLIAMSBURG COUNTY

Rte 41 & 51

Rte 5-37

ROAD CO. LINE

GEORGETOWN COUNTY

COUNTY ROAD TO BROWN'S FERRY

ROUTE No. 502 TO RESMITH

COUNTY ROAD

RHEMS

BLACK MINGO CREEK

Rte 41

Rte 512

ROUTE 511 WASHINGTON HIGHWAY

ROUTE 512 TO GEORGETOWN

ROUTE 512 TO OUTLAND

SC 512

S-46

EXCEPTION TO PROJECT
240 FT. REINF. CONC. BRIDGE TO BE CONSTRUCTED UNDER SEPARATE CONTRACT FROM STA. 617+93.0 TO STA. 620+33.0

SURVEY STA 686+00.0 END OF FEDERAL AID PROJECT No. F 2511(3) INTERSECTION WITH ROUTE 512

SUMMARY OF ESTIMATED QUANTITIES

Shaping Roadway	67.896	M.L.F.
Overhaul	36,000	C.Y.H.M.
Selected Earth Material	6,000	Cu. Yds.
Bituminous Surfacing (Inverted Penetration with Seal)	170,969	Sq. Yds.

See sheets 1-A to 10-A for Part 1.

CONVENTIONAL SIGNS

State Line		Trolley Poles	
County Line		Power Poles	
City or Town Limits		Telephone or Telegraph Poles	
Property Line		Marsh	
Fence	x x x	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	

LEGEND

PROPOSED PROJECT

OTHER ROADS

LAYOUT

Scale: 1 inch = 2400 feet

	S.C. Sec. & Secon.	F.A.P. 2511(3)	
Net Length of Roadway	0.304	12.848	Miles
Net Length of Bridges	0.000	0.011	Miles
Net Length of Project	0.304	12.859	Miles
Length of Exceptions	0.000	0.045	Miles
Gross Length of Project	0.304	12.904	Miles

Equalities in Stationing

Sta. 1100.0 = 2036.4
" 3619.3 = 3694.6
" 2012+24.5 = 2012+50.6
" 6597+85.8 = 6597+90.6

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.

APPROVED

C. D. McWilliams
STATE HIGHWAY ENGINEER 7-10-41

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

Fed. Road Dist. No.	State	County	Dist. No. / Proj. No.	Sh. No.	Sheet No.	Total Sheets
14	S.C.	GEORGETOWN / WILLIAMSBURG	22-6.35 / 22-2.35	511	2-5	27-B

SOUTH CAROLINA HIGHWAY DEPARTMENT
COLUMBIA, S. C.

TYPICAL SECTIONS
FOR
BITUMINOUS SURFACING

SCALE: 1 IN = 2 FT.

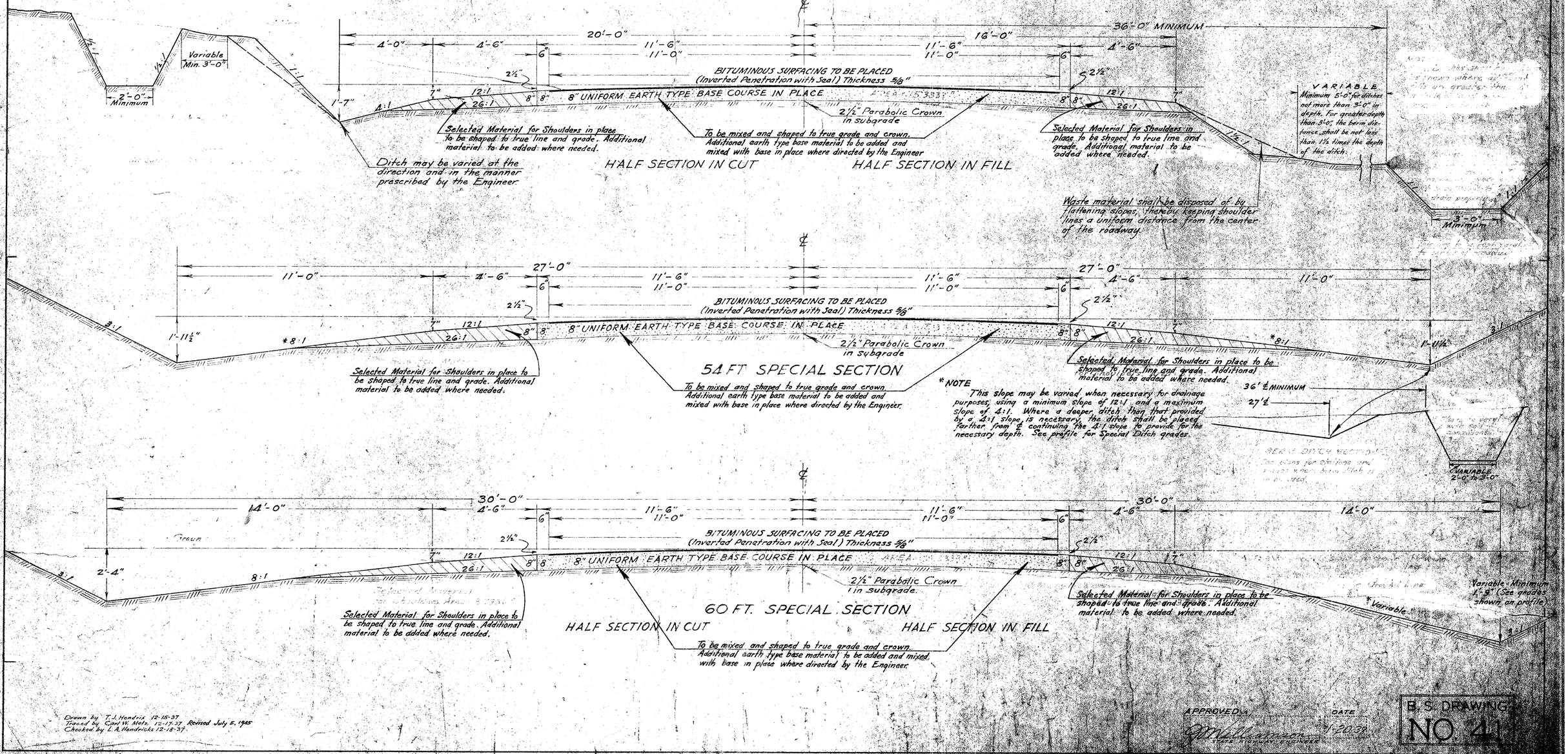
NOTES:

SHAPING ROADWAY:- This work shall consist of scarifying, mixing and shaping the existing earth type base course, and also any additional earth type base course material as outlined in Section 37 of the Standard Specifications; also the work necessary in shaping the shoulders and ditches to true lines and grades, including the removal of any excess material from the shoulders and ditches; also the mixing and shaping of intersections and ramps for driveways.

Shaping roadway will be measured by the thousand linear feet of roadway, and paid for at the contract unit price per thousand linear feet.

SELECTED EARTH MATERIAL:- This work shall consist of common excavation material, earth type base course material or shoulder material selected and placed on the roadway where directed by the Engineer, and obtained from a source outside the roadway.

Selected earth material will be measured by the cubic yard as provided for in paragraph 37 F 1 or 37 F 3 of the Standard Specifications, and paid for at the contract unit price per cubic yard for selected earth material as provided for in paragraph 37 G of the Standard Specifications.



Drawn by T. J. Hendrix 12-15-37
Traced by Carl W. Hiers 12-17-37 Revised July 5, 1945
Checked by L. A. Hendricks 12-18-37

APPROVED: [signature] STATE HIGHWAY ENGINEER
DATE 1-20-38

B. S. DRAWING NO. 41

FED. ROAD DIST. NO.	STATE	COUNTY	JOB NO. / DOCKET NOS.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGE TOWN	45.256 / 45.233	511	6-B	27-B

Part 2

P.I. = 301+04.0
53.3 45.4 24.6
Stakes

P.T. = 321+85.5
33.3 62.8
36" Pine 10" Oak

WILLIAMSBURG COUNTY

J. W. MORRIS

In Place 20 ft. of 15 in. Pipe R.C.
No Retaining W.S.

TH. 100-22 ℄

Shed 187 ℄

FARM ROAD 196

Shed 116 ℄

Shed 194-99 ℄

DITCH 175

Barrow Pit

Corduroy Road

418-260 Tobacco Barn

Timber Bridge

Retain 24 ft. of 18 in. Pipe R.C.
No headwalls

FARM ROAD 423

90 40 45 50 55 60

40' R/W

40' R/W

N 63° 02' E County Line Traverse

40' R/W

40' R/W

Tobacco Barn 431-78 ℄

Tobacco Barn 432 ℄

Tobacco Packing House 435-78 ℄

House 443-82 ℄

Retain Timber Bridge Construct 1-8'x 53 ft. R. C. Box Culvert on Sheet no. 25

Old Painted 191 ℄

Retain 21 ft. of 18 in. R.C. Pipe.

DITCH

TH. 122-62 ℄

Retain 20 ft. of 15 in. Pipe R.C.
No headwalls

TH. 100-45 ℄

Open Well 120-31 ℄ 9.5 deep

DITCH 197

Remove Timber Bridge

In Place 60 ft. of 24 in. Pipe R.C.
Build cutoff wall on Right
Retaining wall on Right

Remove Timber Bridge

Retain 60 ft. of 18 in. Pipe R.C.
With cutoff wall on Rt.
as shown on sheet no. 3.

J. W. MORRIS

GEORGETOWN COUNTY

B.M. #3 Nail in root 12 in. Oak
40 ft. right Sta. 341+02 El. = 22.29

B.M. #4 Nail in root 15 in. Pine
50 ft. right Sta. 481+88 El. = 21.15

30+00
El. = 23.06
SUBGRADE
-0.4326%
400' V.C.
-2.38%
HIGH WATER = 18.7
384+00
El. = 19.60
400' V.C.
+1.04%
+0.10%
SPECIAL DITCH GRADE RT. AND LT.
D.A. = 1.5 Sq. Mi.
C. = .3
-0.24%
400' V.C.
+1.60%
+1.24%
+2.50%
30+00
El. = 20.80
SPECIAL DITCH GRADE RT. AND LT.
D.A. = 23 Acres
C. = .3
600' V.C.
32+00
El. = 32.60
+0.76%
SUBGRADE
D.A. = 10 Acres
C. = .3

SPECIAL DITCH ELEVATIONS

22.96 22.78 22.60 22.41 22.19 22.16 21.96 21.83 21.80 21.57 20.46 = P.C. 20.45 20.36 = P.C. 20.26 20.08 19.98 19.87 19.80 19.73 19.63 19.60 = P.T. 19.70 20.04 20.10 20.20 20.30 20.44 20.58 20.60 = P.C. 20.70 20.89 21.17 21.56 22.02 22.59 23.25 24.00 = P.T. 25.60 27.20 = P.C. 27.98 28.40 = P.C.C. + 1.4 28.73 29.44 30.12 30.76 31.43 31.97 32.48 32.98 33.38 = P.T. + 1.4 33.45 33.60 34.86 = P.T.

USE 54 FT. SPECIAL SECTION STA. 55+00 TO STA. 62+36

PLATE 1-PLAN-PROFILE, S. P. R. STANDARD

EUGENE DIETZGEN CO. CHGO. N. Y.

F.E.D.R.A. DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG & GEORGETOWN	45:238 & 22:235	S-11	3-B	27-B

Part 2

J.W. MORRIS — WILLIAMSBURG COUNTY — J.W. MORRIS

N

Superelevation Begins on Left
Sta. 217+90.3

P.O.T. 171+55.2 — P.O.T. 414+26.6

RIVER — BLACK

150' R/W — 75' R/W — 50' R/W — 40' R/W — 20' R/W

Route S11 — F.A.P. NO. 2511-A(1)

Sta. 0 A. drews

N 46° 01' — S 42° E — N 48° 32' E

Wells Road — Wells Road — Access Road

Tenant House 31' X 21'

Fittings Sta. 57+E To Norcom — Route No. 527

Ditch — Present Road — County Line

Tile — Tile — Ditch

136.65' E

EQUALITY TIE ONLY
STA. 17+08.12 STATE DOCK. NO. 22:235 & 45:238 =
STA. 17+08.12 F.A. PROJ. NO. 2511-A(1) =
STA. 17+08.12 STATE Dock No. 22:215 & 45:219
STA 17+08.12 FAP NO F 2511.(3)

EQUALITY TIE ONLY
STA 201+36.4 F.A. PROJ. NO. 25[illegible]
STA 1+00 STATE DOCKET NO. 45:219 AND 22:215 =
STA. 1+00 STATE DOCKET No. 45:238 AND 22:235 =
STA 1+00 FAP. NO F 2511.(3)

EQUALITY:-
SURVEY STA 1+00 = STA 201+36.4 END OF STATE DOCKET NO. 45:219 AND 22:215 AND BEGINNING OF F.A. PROJ. NO. 2511-B(1)

T.S. = 23+09.2

Culvert Ditch

In Place 60 Ft. of 24" Pipe RC
Entire Length Contains Two 90° Bends
Rotated 180° From Original Position

SPIRAL CURVE DATA
Δ = 16°-58'
θs = 1°-52½'
Δc = 13°-13'
Dc = 1°-30'
P.I. = 30+04.8
Ts = 694.8
T.S. = 23+09.2
Ls = 250
S.C. = 25+59.2
C.S. = 34+40.2
Ls = 250
S.T. = 36+90.2

SPIRAL CURVE DATA
P.I. = 30+84.0
Δ = 16°-58'
D = 1°-30'
Ls = 250.0
Ts = 694.8
Es = 47.8
θs = 1°-52½'
Lc = 881.0

A" Birch — 5" Sweet Gum — 6" Pine — 33.0' — 15.1' — 7.6'

P.O.T. Q 414+26.6 — 44.6 — 24.3 — 12 Chinaberry — Corner of Residence

Stake Q — Stake A — Stake B — 37.9 — 28.5 — P.C. = 271+83.3

GENERAL CONSTRUCTION NOTES:

Changes involving increased cost of project or changes in alignment must be specifically authorized by the State Highway Engineer in advance of being made. District Engineer, 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. Keep a record on your set of plans of all changes made during construction and forward to Columbia Office each month such information necessary to check monthly estimates.

All curves of thirty minutes and over are to be superelevated as shown on sheet no. 4. Elevations shown are normal elevations before superelevation is added.

Proper grade connections are to be made with existing roads.

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 ---------- 36,000 C.Y.-M. on additional Selected Earth Material.
Selected Earth Material -- 6,000 C.Y. (Additional material to be added where directed by the Engineer.
Bituminous Surfacing -- 5,000 S.Y. for intersections and Ramps for driveways.

Fin. Gr. El. = 24.10'

Subgrade

ABC 6"

100' V.C.

+0.44%

10.42%

-0.56%

-0.24%

-0.54%

10.72%

SURVEY STA 17+08.12 BEGINNING OF F.A.P. NO. F 2511-(3) AT EAST END OF BLACK RIVER BRIDGE

STA 10+56
EL. = 23.43

STA. 19+92
EL. = 27.20

STA. 21+30
EL. = 24.39

SPECIAL DITCH GRADE RT. AND LT.

TOE OF FILL 171+43

H.W.E. = 18.1

N.W.E. = 36

End Bridge 108'-2"

EQUALITY STA 1+00 = STA 201+36.4

EQ. SURVEY STA. 1+00 = STA 201+36.4 END OF STATE DOCKET NO. 45:210 AND 22:215 AND BEGINNING OF F.A. PROJ. NO. 2511-B(1)

USE 60 FT. SPECIAL SECTION STA 20 [illegible] USE 60 FT. SPECIAL SECTION STA 20+00 TO STA 23+30

| | | |

RD RMD DIST NO	STATE	COUNTY	STATE DOCKET NOS	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	45288 22288	511	7-B	27B

Part 2

WILLIAMSBURG COUNTY

N

J.W. MORRIS

J.B. BENTON

G.R. BENTON

POT = 67+197

POT = 81+370

Retain 20 ft. of 15 in. R.C. pipe.

40' R/W

Present Road County Line

Rem. Timber Bridge
Retain 60 ft. of 24 in. Pipe R.C.
For [illegible] wall on sheet no. 3.

Rem. [illegible]
Retain 20 ft. of 18 in. Pipe R.C.
No headwalls.

TH +32 - 155' ℄

TH +44 - 13' ℄

TH 16 - 14' ℄

T.H. 20 - 55' ℄

Ditch +36

Ditch +20

Retain 20 ft. of 15 in. R.C. pipe.

J.W. MORRIS

Retain 60 ft. of 24 in. Pipe, R.C.
[illegible] wall on sheet no. 3.

POT 67+197
36.7
34.4'
Stake
Stake

10" Oak
75.7
POT 81+37.0
47.7 53.2
TH
8" Oak

GEORGETOWN COUNTY

B.M. NO. 5 Nail in Root of 22" Chinaberry
130 Ft. Right Sta. 65+27. El. = 40.03'

B.M. NO. 6 Nail in Root of 18" Gum
60 Ft. Right Sta. 81+60. El. 39.64

67+50
El. = 39.98

80+00
El. = 40.03

+0.70%
+2.30%
+0.40%
+0.004%
-0.14%
-0.14%
+0.60%

SUBGRADE

D.A. = 30 Acres
C. = .2

400' V.C.

Special ditch Elevations

USE 54 FT. SPECIAL SECTION STA. 5+00 TO STA. 12+36 USE 60 FT. SPECIAL SECTION STA. 12+36 TO STA. 12+00

USE 60 FT. SPECIAL SECTION STA. 81+60 TO STA. 89+30

SPECIAL DITCH GRADE FT. AND IN.

D.A. = 40 Acres
C. = .2

Special ditch Elevations

60 1 2 3 4 5 6 7 8 9 70 1 2 3 4 5 6 7 8 9 80 1 2 3 4 5 6 7 8 9 90

34.23 35.04 35.90 36.56 37.32 38.08 36.46 PC 36.84 37.10 37.38 37.60 PC 37.78 37.88 37.98 = PT 38.04 38.25 38.22 PT 38.38 40.00 40.00 40.01 40.01 40.04 40.08 40.08 40.02 PC 40.08 40.01 40.01 39.99 39.95 39.92 39.89 39.83 39.75 PT 39.61 39.61 39.47 39.38 39.38 39.19 39.05 38.91 PC 38.65 38.20 38.19 38.06 37.93 37.80 37.66

PLATE 1-PLAN-PROFILE B. P. R. STANDARD

EUGENE DIETZGEN CO. CHGO. N. Y.

PLAN
SURVEYED
NOTE BOOK
PLOTTED
ALIGNMENT CHECKED
NO.
RT. OF WAY CHECKED
DATE
BY

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
NO.
STRUCTURE NOTATIONS CHKD
DATE
BY

FED. ROAD DIST. NO.	STATE	COUNTY	STATE DOCKET NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
12	S.C.	WILLIAMSBURG GEORGETOWN	45.208 22.335	511	8-B	27 58

Part 2

WILLIAMSBURG COUNTY

C.H. BENTON

C. L. LONG EST.

Retain 20 ft. of 15 in. Pipe R.C. No headwalls.

Retain 60 ft. of 24 in. Pipe R.C.

G.R. BENTON

C.H. BENTON

BLACK RIVER FREE WILL BAPTIST CHURCH

Present Road - County Line

37½ R/W

40' R/W

50' R/W

Retain 5 ft. x 5 ft. x 44 ft. R. C. Box Culvert

Well +50-54½

T.H. +15-106½

T.H. 7.32½

Barn +85-100½

M.C. POWELL EST.

J.W. MORRIS

R. C. BLACK

N

GEORGETOWN COUNTY

B.M. #7 Nail in root 24 in. Hickory 38 ft. right Sta. 98+53 El.=31.50

B.M. #8 Nail in root 36 in. Pine 57 ft. left Sta. 111+30 El.=37.64

SUBGRADE

91+56.8 El.=38.41

-0.14%

800' V.C.

-1.02%

-1.36%

-1.04%

SPECIAL DITCH ELEVATIONS

SPECIAL DITCH GRADE ON RT. ONLY

400' V.C.

+1.74%

-0.72%

105+00 El.=24.71

D.A.=300 Acres C.=3

SPECIAL DITCH GRADE RT. AND LT.

111+25 El.=35.89

+0.86%

400' V.C.

+1.20%

+1.00%

118+25 El.=35.83

SPECIAL DITCH GRADE RT. AND LT.

D.A.=40 Acres C.=2

USE 54 FT. SPECIAL SECTION STA. 109+40 TO STA. 111+11

USE 60 FT. SPECIAL SECTION STA. 118+11 TO STA. 119+00

PLATE 1-PLAN-PROFILE, S. P. R. STANDARD

EUGENE DIETZGEN CO., CHGO., N. Y.

RD. DIST. NO.	STATE	COUNTY	STATE DOCKET NOS.	FED'L NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	2238 2239	511	9-B	2

Part 2

WILLIAMSBURG COUNTY

12" Pine
8" Pine
53°
400'
592'
P.O.T.= 128+00.5

R.D. SMITH

C. L. LONG EST.

120 125 130 135 140 145 150

County Road 139

Place Rip Rap
No Retaining

POT = 128+00.5

Woods Road 138

In Place 20 ft. of 18 in. Pipe R.C.
Retain

P.I. 1+15

Ditch 1+58

J.H. PORTER

P.C. = 148+93.4

40' R/W

45' R/W 40' R/W

Present Road County Line N63°02'E

185+34 ft.

Remove
Retain 60 ft. of 24 in. Pipe R.C.

Easy Road 174

Retain 20 ft. of 15 in. R.C. pipe

M. C. POWELL EST.

R.J. ETHRIDGE

GEORGETOWN COUNTY

B.M. #9 Nail in root 10 in. Pine
35 ft. left Sta. 130+68 El. = 41.00

SUBGRADE

124+25
El. = 42.73

+1.20%

+1.50%

400' V.C.

SPECIAL DITCH GRADE ON RT. ONLY

-0.34%

-0.42%

SPECIAL DITCH GRADE ON RT. AND LT.

D.A. = 22 Acres
C = .2

138+80
El. = 37.78

+0.62%

+0.30%

147+00
El. = 40.24

-0.74%

SPECIAL DITCH ELEVATIONS

34.09 34.29 36.49 37.69 39.89 40.09 39.03 38.82 38.40 37.98 37.56 37.14 36.72 36.30 35.88 35.46 35.04 34.80+58 35.06 35.68 36.30 36.92

SPECIAL DITCH ELEVATIONS

37.64 37.93+27 39.82 40.08 40.33-P.C.+45 40.62 41.12 41.53 41.84 42.05 42.18 42.19 42.13 42.05-P.T.+25 41.80 41.46 41.12 40.78 40.46 40.10 39.76 39.42 39.08 39.74 39.46-P.C.+80 39.40 39.26 39.18 39.11 38.10 38.12 38.10 38.30 38.38-P.T.+80 38.44 38.74 39.08 39.34 39.64-P.C. 39.76 39.81 39.80 39.72 39.58 39.37 39.10 38.76-P.T. 38.42

50 40 30

120 1 2 3 4 5 6 7 8 9 130 1 2 3 4 5 6 7 8 9 140 1 2 3 4 5 6 7 8 9 150

PLATE 1-PLAN-PROFILE S. P. R. STANDARD

EUGENE DIETZGEN CO. CHGO., N. Y.

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'S NOTED
STRUCTURE (NOT ATTACHED)
NO.

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	45238 42225	511	10-B	27-B

Part 2

WILLIAMSBURG COUNTY

P.I. = 151+30.1
Δ = 2°-22' Lt.
D = 0°-30'
T = 236.7'
L = 473.3'
E = 2.4'

20" Pine, 8" Pine, 10" Pine
S 10° 75.4
94.4'
P.O.T. = 164+42.4

MARIE M. PORTER
D-8-10-39

THOMAS A. YAWKEY
& ELISE S. YAWKEY
D-5-28-41

F.W. DeFOE

In Place 20 ft. of 15 in. Pipe Rc.
Retain

140.53 ℄

Barn 1.0 - 12.5 ℄

P.T. = 153+66.7

P.T. = 150+67.9

P.T. = 164+42.4

Dam Swamp Big Dam Creek

P.I. = 177+67.8

D.Hd. 1+23

65' R/W
40' R/W
45' R/W
30' R/W

N 60° - 40' E

N 63° - 02' E

Farm Road 120

Remove Timber
In Place 22 ft. of 18 in. R.C. pipe
Retain

In Place 20 ft. of 18 in. Pipe Rc.
Retain

Ditch ℄ 54

Pine Forrest Cemetary
50' ℄
D-8-14-39

R.J. ETHRIDGE
D-8-1-39

R.J. ETHRIDGE

Present Road

County Line P.L.

Retain Triple 10 ft. × 10 ft. × 43 ft. R.C. Box Culvert as shown on Sh.

THOMAS A. YAWKEY
& ELISE S. YAWKEY
D-5-28-41

Retain 30 ft. of 18 in. R.C. pipe

15" Oak, Stump, MAIL BOX, 12" Gum, 8" Persimmon
54.8, 55.0', 37.6, 94.8, 75.0'
P.C. = 152+21.2
P.I. = 154+44.6

GEORGETOWN COUNTY

B.M. #10 Nail in root 20 in. Oak
50 ft. left Sta. 152+03 El. = 37.45

B.M. #11 Nail in root 24 in. Twin Oak
55 ft. left Sta. 165+80 El. = 26.36

B.M. #12 Nail in root 18 in. Pine
38 ft. left Sta. 176+35 El. = 21.52

SUBGRADE

-0.74%

162+00
El. = 29.14

400' V.C.

-0.91%

400' V.C.

172+00
El. = 20.00

+0.47%

N.W. El. = 19.3

D.A. 3.12 Sq. Mi.
C = .3

OVERHAUL 5 C.Y. H.M.

USE 54 FT. SPECIAL SECTION STA. 150+00 TO STA. 160+00

USE 54 FT. SPECIAL SECTION ON LT. TANGENT SECTION ON RT. STA. 160+00 TO STA. 166+00

USE 54 FT. SPECIAL SECTION STA. 175+50 TO STA. 180+00

	150	1	2	3	4	5	6	7	8	9	160	1	2	3	4	5	6	7	8	9	170	1	2	3	4	5	6	7	8	9	180
Ground Elevation	38.02	37.28	36.54	35.80	35.06	34.32	33.58	32.84	32.10	31.36	30.62 = P.C.	29.24	29.86	29.46	29.06	28.68	28.28	27.74	27.34 = P.T.	26.40	25.48	24.57	23.66	22.74	21.82 = P.C.	21.42	21.08	20.88	20.69	20.63	20.64	20.75	20.98 = P.T.	21.42	21.89	22.36	22.84	23.31	23.78

PLATE 1-PLAN-PROFILE S. C. P. R. STANDARD

EUGENE DIETZGEN CO., CHGO., N. Y.

FED.ROAD DST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	45.234 22.235 Part 2	511	11-B	27-B

WILLIAMSBURG COUNTY

SPIRAL CURVE DATA
Δ = 31°-36'
Gs = 1°-52 1/2'
Δc = 27°-51'
Dc = 1°-30'
R = 1893.73
Ts = 1206.08'
TS = 177+67.82
Ls = 250'
SC = 180+17.82
Lc = 1856.77'
CS = 198+74.52
Ls = 250'
ST = 201+24.52

F. W. DeFOE

Remove Bridge B
Retain 21 ft of 18 in. Pipe R.C.
No headwalls

In Place 68 ft of 36 in. Pipe R.C.
Build Retaining Wall on Left
as shown on Sheet No. 5

65' R/W
40' R/W
45' R/W
P.O.T. = 180+82.5
P.C. = 163+96.2
P.T. = 194+53.4
S.T. = 201+24.58 = 201+30.6
N 37°-05' E
Barn
Well 1-13-55
House 1-19-58
Superelevation Ends on Right at Sta. 196+81.4
Superelevation Ends on Right at Sta. 180+82.5
Retain 10 ft x 10 ft x 31 ft. R.C. Box Culvert C.S. Sheet No. 31.
County Line
Eastern Boundary of Williamsburg County

8" Pine, 6" Pine, 10" Pine, 63', 56.7', 47.2'
8" Oak, 4" Oak, 10" Pine, 35.5', 47.1', 65'
8" Oak, 15.0', P.I. = 189+38.7, 8.7', 15.7', 10" Gum, 8" Gum
10" Pine, 3" Oak, 12" Gum, 37.2', 57.3', 49.5'

F. W. DeFOE
GEORGETOWN COUNTY

B.M. #13 Nail in root of 10 in. Oak
58 ft. right Sta. 189+82 El. = 30.84

B.M. #14 Nail in root of 18 in. Oak
45 ft. right Sta. 206+00 El. = 24.30

SUBGRADE
D.A. 65 Acres
C = .3
Q = 472.5 c.f.s.
SPECIAL DITCH GRADE RT. AND LT.
SPECIAL DITCH ELEVATIONS
196+00 El. = 31.34
600' V.C.
400' V.C.
209+00 El. = 25.00
D.A. = 31.9 Ac.
C = .3
+86.0

180 1 2 3 4 5 6 7 8 9 190 1 2 3 4 5 6 7 8 9 200 1 2 3 4 5 6 7 8 9 210

23.78 24.29 24.78 25.20 25.67 26.14 26.62 27.09 27.56 28.03 28.51 28.98 29.45 29.98 - P.C. 30.44 30.32 - P.C. + 21 30.45 30.55 30.60 30.62 30.59 30.58 30.44 30.26 30.08 29.88 P.T. 29.35 28.85 28.48 27.99 27.49 26.98 26.62 26.00 - P.C. 25.72 25.72 25.44 26.07 28.82 P.T.

PLATE 1-PLAN-PROFILE P. R. R. STANDARD

EUGENE DIETZGEN CO. CHGO., N. Y.

WILLIAMSBURG COUNTY

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	45238 22285 Part 2	511	12-B	21-B

F. W. DeFOE

A.R. LANGSTON

C. A. MILLHOUSE

P.O.T. = 214+88.6

P.O.T. = 228+43.3

P.O.T. = 239+26.4

P.I. +50

P.I. +50

Place 20 ft of 15 in Pipe
No headwalls

Farm Road

Drain 127

Place 24 ft of 15 in Pipe
No headwalls

Remove Timber Bridge.
Place 24 ft. of 15 in. R.C. Pipe.
No headwalls.

Branch

Ditch

Ditch

Fres. Road County Line

40' R/W

45' R/W

N29°-05' E.

Retain 24 ft of 24 in. R.C. pipe.

Construct Double 8 ft. x 7 ft. x 38 ft. R.C. Box Culvert C-5
Station 0+32

Remove Timber Bridge
Place 24 in. R.C. Pipe
No headwalls.

Fres. Road County Line

Res.

Res.

61.6' 63.0'

56.0'

8" Hickory

8" Oak

6" Elm

30" Gum

173.4'

51.3'

45.3'

P.O.T. = 228+43.3

Stake

36.4

P.O.T. = 239+26.4

95.7'

Stake

GEORGETOWN COUNTY

GEORGETOWN COUNTY

B.M. #15 North in root 30 in. Oak
60 ft. right Sta. 219+25 El. = 29.94

B.M. #16 North in root 53 in. Oak
15.5 ft. right Sta. 236+00 El. = 29.19

SURFACE

+1.10%

-0.62%

-0.55.37%

-0.90%

+0.95%

100' V.C.

400' V.C.

400' V.C.

100' V.C.

100' V.C.

SPECIAL DITCH BOTH SIDES

SPECIAL DITCH GRADE ELEVATIONS

PLATE 1 PLAN-PROFILE S. C. P. R. STANDARD

PLAN

SURVEYED	BY	DATE
PLOTTED		
NOTE BOOK	CHECKED	
NO.	ALIGNMENT CHECKED	
	B. M. & NOTES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PROFILE

SURVEYED	BY	DATE
PLOTTED		
NOTE BOOK	CHECKED	
NO.	B. M. & NOTED	
	STRUCTURE NOTATIONS CHECKED	

EUGENE DIETZGEN CO., CHGO., N. Y.

RED ROAD DIST. NO.	STATE	COUNTY	STATE DOCKET NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGE TOWN	45.238 52.285	511	13-B	27 38

Part 2

WILLIAMSBURG COUNTY

GEORGETOWN COUNTY

C.A. MILLHOUSE

C.A. MILLHOUSE

SOUTHERN KRAFT CORP.
J.H. FRIEND - VICE PRES. MOBILE, ALA.

ATLANTIC COAST LUMBER CORP.

Retain 60 ft. of 24 in. Pipe R.C.

Superelevation Begins on Left

Superelevation Ends on Left

In Place 60 ft. of 24 in. Pipe R.C. Retain

Retain 20 ft. of 18 in. Pipe R.C. No headwalls.

Road P.I.

P.I. = 262+41.4

12" Oak, 8" Pine, 20" Pine, 12.6, 63.7', 35.6'

P.L. +34

Ditch +73

Ditch +75

Ditch +85

T.S. = 255+96.8

S.T. = 268+76.0

Present Road County Line

40' R/W

N 29°-05' E

N 29°-05' E

SPIRAL CURVE DATA
Δ = 19°-35' Rt.
θ = 3°-00'
Δc = 13°-35'
Dc = 2°-00'
P.I. = 262+41.4
Ts = 644.6'
T.S. = 255+96.8
Ls = 300'
S.C. = 258+96.8
Lc = 679.2'
C.S. = 265+76.0
Ls = 300'
S.T. = 268+76.0
P.I. = 262+41.4
Δ = 19°-35' Rt.
D = 2°-00'
T = 644.6'
L = 1354.2'
E = 42.3

P.C. 257+47.0
652', 52.8', 55.4'
12" Pine, 6" Pine, 10" Pine

24" Pine, 690', P.T. = 267+26.2, 96.7', 74.8', 12" Pine, 30" Pine

Barn +29.1 Rt.
Barn +65.1 Rt.

B.M. #17 Nail in root 15 in. Pine
45 ft. right Sta. 256+36 El. = 33.59

SUBGRADE

+0.72%
-0.00%
+0.60%
+0.85%
-0.14%
+0.22%

400' V.C.

EL. = 28.52

2.60%

SPECIAL DITCH BOTH SIDES

247+50
EL. = 27.92
D.A. = 25 Acres
C. = 2

254+39.0
EL. = 32.05

0.10%

268+00
EL. = 30.15

SPECIAL DITCH GRADE ELEVATIONS

2.35+50 TO STA. 244+90

PLATE 1-PLAN-PROFILE

EUGENE DIETZGEN CO., CHGO., N. Y.

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	45.238 22.235 Part 2	511	14-B	27-B

WILLIAMSBURG COUNTY

SOUTHERN KRAFT CORP.

P.O.T. = 275+47.9

40' R/W

40' R/W

N48°-40'E

Present Road County Line

Drain 1+20

Ditch 1+00

P.I. 1+45

+90-32½'

Weldon Hill Baptist Church

+20-32½'

P.I. 1+55

Retain 21 ft. - 18" Pipe R.C.

No headwalls.

Timber Bridge

SOUTHERN KRAFT CORP

40' R/W

40' R/W

Retain 60 ft. of 36 in. Pipe R.C.

ATLANTIC COAST LUMBER CORP.

20" Pine — 73.6'

3" Oak — 51.6'

4" Pine — 77.4'

P.O.T. = 275+47.9

GEORGETOWN COUNTY

B.M. #18 Nail in root 15 in. Pine
48 ft. left Sta. 273+44 El. 31.94

B.M. #19 Nail in root 14 in. Pine
40 ft. right Sta. 291+20 El. = 29.17

SUBGRADE

275+00
El. 31.69

+0.22%

-0.34%

+0.30%

400' V.C.

400' V.C.

-0.54%

+0.24%

SPECIAL DITCH BOTH SIDES

286+00.0
D.I. STA. 286 EL. = 27.96

SPECIAL DITCH GRADE ELEVATIONS

| | | |

FED. ROAD DIST. NO.	STATE	COUNTY	STATE DOCKET NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG	46.233	511	15-B	27-38
		GEORGETOWN	22.235			

Part 2

WILLIAMSBURG COUNTY

N

300 305 310 315 320 325 330

PDT.+ 306+28.6

SOUTHERN KRAFT CORP.

40'R/W

40'R/W

Pres. Road County Line N 48-40'E

40'R/W

40'R/W

Ditch +40

Remove Timber Bridge
Retain 60 ft. of 24 in. Pipe R.C.
Build cutoff wall on Rt.
as shown on sheet no. 5.

8" Pine
12" Pine
74.3'
90.0'
PDT.= 306+28.6
63.5'
15" Pine

ATLANTIC COAST LUMBER CORP.

GEORGETOWN COUNTY

PLAN
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
B. M.'S NOTED
STRUCTURE NOTES CHECKED
NO.
RT. OF WAY CHECKED
DATE
BY

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
B. M.'S NOTED
STRUCTURE NOTES CHECKED
NO.
DATE
BY

B.M. #20 U.S.C.&G.S. #W.G. Y013
38 ft. left Sta. 306+32 El.=33.21
(Brass Plate Set in Conc. Curried)
Tie roughly in elevations Correct U.S.C.&G.S. Elev = 33.597
+2.87

B.M. #21 Nail in root 15 in. Pine
34 ft. left Sta. 325+40 El.=32.02

SUBGRADE

+0.20%

314+00
El. 33.55

400' V.C.

-0.10%

-0.20%

400' V.C.

+0.26%

+0.34%

324+00
El. 31.55

SPECIAL DITCH BOTH SIDES
D.A. = 30 Acres
C = 2

SPECIAL DITCH GRADE ELEVATIONS

40
30
20

300 1 2 3 4 5 6 7 8 9 310 1 2 3 4 5 6 7 8 9 320 1 2 3 4 5 6 7 8 9 330

PLATE 1-PLAN-PROFILE P.P.R. STANDARD.

EUGENE DIETZGEN CO., CHGO., N. Y.

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	43.238 22.253	51	16-B	27-B

PART 2

WILLIAMSBURG COUNTY

SOUTHERN KRAFT CORP.

WEST VIRGINIA PULP AND PAPER CO.

330 335 340 345 350 355 360

P.I. 1+76

Ditch 1+80

P.O.T. = 334+27.8

40' R/W 40' R/W 45' R/W 45' R/W 40' R/W

40' R/W 40' R/W 45' R/W 45' R/W 40' R/W

N 48°-40' E

Present Road County Line P.I.

40' R/W.

40' R/W.

Bldg. 1+80 House 1+62 - 127' ℄

1.P. 1+55 - 70' ℄

Barn 1+55 - 70' ℄

P.O.T. = 356+26.3 Barn 132.5' 265° ℄

Barn 1+25 - 75' ℄

Well 1+10 - 111' ℄

T.H. 100 - 150' ℄

Retain 60 ft. of 24 in. Pipe R.C.

8" Pine

94.6'

P.O.T. = 334+27.8

83.8'

58.6'

12" Pine

A. C. L. CORP.

P.O.T. = 356+26.3

Barn

Shed

GEORGETOWN COUNTY

B.M. #22 Nail in root 18 in. Maple 62 ft. right Sta. 343+88 El. = 32.46

SUBGRADE

+0.26%

+2.24%

SPECIAL DITCH BOTH SIDES

336+00 El. = 34.67

400' V.C.

-0.28%

400' V.C.

343+50 El. = 32.57

D.A. = 25 Acres C = 2

+0.34%

354+00 El. = 36.18

400' V.C.

-0.86%

SPECIAL DITCH GRADE ELEVATIONS

3114 3119 3162 3415=PG 3426 3434 3439 3440 3432 3425 3413 3397 3393 3355 3327 3315=PG 3301 3293 3288 3288 3291 3299 3310 3326=PT. 3342 3376 3418 3444 3478 3511 3544 3557 3564 3552 3534 3511=PT. 3460 3408 3387 3305

330 1 2 3 4 5 6 7 8 9 340 1 2 3 4 5 6 7 8 9 350 1 2 3 4 5 6 7 8 9 360 1

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W SHOWN, STRUCTURE NOTATIONS CHKD. — NOTE BOOK — NO. — BY — DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, R/W SHOWN, STRUCTURE NOTATIONS CHKD. — NOTE BOOK — NO. — BY — DATE

EUGENE DIETZGEN CO., CHGO., N. Y.

PLATE 1-PLAN PROFILE B. P. R. STANDARD

REGIONAL DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	45.456 50.225	S-1	1-3	1-3-B

Sht. 1 of 2

WILLIAMSBURG COUNTY

WEST VIRGINIA PULP AND PAPER CO.

POT = 362+33.0

Ditch 1.0 S

40' R/W

N 28° - 40' E

Retain 68 ft. of 36 in. Pipe R.C.

In Place 28 ft. of 18 in. R.C. pipe. Retain

Right of Road County Line P.I.

POT = 374+32.2

T.S. = 378+55.6

40' R/W 45' R/W

45' R/W 40' R/W

Superelevation Begins on Right

A.C.L. CORP.

Retain 60 ft. of 36 in. R.C. pipe

Ditch 1.0 S

40' R/W

40' R/W

WEST VIRGINIA PULP AND PAPER CO.

GEORGETOWN COUNTY

SPIRAL CURVE DATA-
Δ = 29°-32' Lt.
D = 3°-00'
Δc = 23°-32'
Dc = 2°-00'
P.I. = 384+61.0
Ts = 905.47'
T.S. = 378+55.6
Ls = 300'
S.C. = 378+55.6
Lc = 1176.7'
C.S. = 390+32.2
Ls = 300'
S.T. = 393+32.2

6" Pine — 14" Pine — P.I. 384+61.0 — 385 — 382 — 42.15' — 8" B. Gum Old R.P. — 8" Pine Old R.P.

10" Pine — 63.7' — P.O.T. = 362+33.0 — 71.1' — 71.5' — 18" Pine — 24" Pine

6" Oak — 6" Oak — 24" Pine — 49.7 — 68.0 — 60.4' — P.O.T. = 374+32.2

B.M. #23 Nail in root 24 in. Pine 7.5 ft. right Sta. 360+90 El. = 31.43

B.M. #24 Nail in root 18 in. Pine 100 ft. right Sta. 379+75 El. = 31.00

400' V.C.

-0.52%

SUBGRADE

360+00
El. = 30.9
D.A. = 60 Acres
C = 1

374+88.9
El. = 33.82

+0.26%

400' V.C.

-0.10%

-0.40%

-0.90%

400' V.C.

+0.16%

0.10%

SPECIAL DITCH RIGHT ONLY

SPECIAL DITCH NORTH SIDE

385+60.8
El. = 33.01

SPECIAL DITCH — GRADE ELEVATIONS

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
R. M. NOTED
STRUCTURE NOTATIONS CHKD.
RT. OF WAY CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
R. M. NOTED
STRUCTURE NOTATIONS CHKD.
BY
DATE

EUGENE DIETZGEN CO., CHGO., N. Y.

PLATE 1 PLAN-PROFILE S. P. R. STANDARD

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	WIRE FT NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG	45238 511		13-B	27-B
		GEORGETOWN	22235 Part F			

PLAN — SURVEYED, PLOTTED, NOTE BOOK, GRADES CHECKED, AS BUILT, NOTES, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, NOTE BOOK, GRADES CHECKED, AS BUILT, NOTES, NO., BY, DATE

N

WEST VIRGINIA PULP AND PAPER CO.

390 395 400 405 410 415 420

P.T. = 391+32.4

S.T. = 393+32.4

P.O.T. = 403+68.3

P.O.T. = 417+86.4

ROAD

40' R/W

40' R/W

N 19°-08' E

40' R/W

40' R/W

Retaining 4 ft. x 4 ft. x 43 ft. R.C. Box Culvert as shown on Dr. No. 33.

Superelevation Ends on Right at Sta. 393+32.2

8" Pine 67.1' 12" Gum 47.2' P.T. = 391+82.5 71.9' 24" Pine

6" Oak 4" Oak 64.3' 55.9' P.O.T. = 403+68.3 95.7' 10" Pine

WEST VIRGINIA PULP AND PAPER CO.

8" Gum 51.7' 5" Oak 33.2' P.O.T. = 417+86.4 52.7' 6" Oak

B.M. #25 Nail in root 18 in. Pine 40 ft. right Sta. 394+30 El. = 36.94

B.M. #26 Nail in root 8 in. Pine 40 ft. right Sta. 414+50 El. = 33.33

EXC. = 1.1 MI. = 3.1
VOL. = 1.2
OVERHAUL = 0.1 MI.

EXC. = 1870 BOR. = 2.4 C.Y. = 1870 OVERHAUL = 4/2 C. MI.

406+00.0 EL. = 36.69

400' V.C.

SUBGRADE

+0.16%

-0.00%

+0.52%

-0.24%

-0.36%

SPECIAL DITCH BOTH SIDES

SPECIAL DITCH BOTH SIDES

DA. = 19.5 Acres

C. = .3

SPECIAL DITCH GRADE ELEVATIONS

SPECIAL DITCH GRADE ELEVATIONS

USE GOVT. SPECIAL SECTION STA. 414+34.39

	390	1	2	3	4	5	6	7	8	9	400	1	2	3	4	5	6	7	8	9	410	1	2	3	4	5	6	7	8	9	420
Ground	34.13	34.29	34.45	34.61	34.77	34.93	35.09	35.25	35.41	35.57	35.73	35.89	36.05	36.21	36.37 ℄ PC	36.44	36.48	36.50	36.49	36.46	36.40	36.32	36.27 ℄ PT	35.97	35.73	35.49	35.25	35.01	34.77	34.53	34.29
Grade	29.18	29.86	30.18	30.65	31.17	31.69	32.21	32.73	33.25	33.77	34.29	34.39	34.48	33.82	33.46	33.10	32.74	32.38	32.02	31.66	31.30	30.94	30.58	30.22	29.86	29.50	29.14	28.78	28.42	28.06	27.70

PLATE 1-PLAN-PROFILE, S. P. R. STANDARD

EUGENE DIETZGEN CO., CHGO., N. Y.

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	WC	WILLIAMSBURG GEORGETOWN	45238 22235 Part 2	51	13-B	21-B

WEST VIRGINIA PULP AND PAPER CO.

Retain 60 ft. of 24 in. Pipe RC
Build cutoff wall on Left
as shown on sheet no. 3.

420 425 430 P.O.T. = 433+65.8 435 440 445 450

40' R/W
40' R/W
N 19°-08' E
40' R/W
40' R/W

Ditch 1+20
Woods Road 1+2
Ditch 4+38

WET WEATHER POND

Retain 60 ft. of 24 in. Pipe R.C.
Build cutoff wall on Left
as shown on sheet no. 3

12" Pine
14" Pine
56.7'
46.8
P.O.T. = 433+65.8
56.3'
12" Pine

WEST VIRGINIA PULP AND PAPER CO.

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
STRUCTURE NOTATIONS CHECKED
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
STRUCTURE NOTATIONS CHECKED
BY
DATE

BM #27 Nail in root 6in Oak
60 ft. right Sta. 430+75 El. = 37.49

BM #28 Nail in root 24in Sweetgum
40 ft. right Sta. 442+40 El. = 33.67

-0.24%
-0.36%
400' V.C.
SUBGRADE
+0.52%
+0.82%
+0.56%
El. = 32.69
SPECIAL DITCH BOTH SIDES
D.A. = 40 Acres
C = .7

432+00
El. = 37.55
400' V.C.
0.18%
0.26%
SPECIAL DITCH BOTH SIDES

400' V.C.
0.10%
0.34%
+0.50%
444+00
El. = 36.39
SPECIAL DITCH BOTH SIDES
D.A. = 40 Acres
C = .7

SPECIAL DITCH GRADE ELEVATIONS

29.50 29.14 29.10 29.34 29.90 30.46 31.02 31.64 32.66 33.48 34.84 35.99 36.51 36.75 36.96 37.09 37.20 37.46 37.28 37.46 37.19 37.07 36.82 36.56 36.33 36.30 36.65 36.47 36.29 36.11 35.93 35.75 35.60 35.50 35.43 35.36 35.30 35.26 35.22 35.19 35.16 35.13 35.09 35.06 35.03 35.00

SPECIAL DITCH GRADE ELEVATIONS

32.52 32.26 32.00 31.92 32.27 32.77 33.27 33.93 32.59 32.26 32.22 32.19 32.16 32.13 32.09 32.06 32.03 32.00

420 1 2 3 4 5 6 7 8 9 430 1 2 3 4 5 6 7 8 9 440 1 2 3 4 5 6 7 8 9 450

40
30
20

USE 60 FT. SPECIAL SECTION STA.

EUGENE DITZGEN CO., CHGO., N. Y.

C. E. PLATE 1-PLAN-PROFILE U. S. P. R. STANDARDS

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	45 238 02 285	521	20 B	21 B

PLAN

N

J. D. RHEM

WILLIAMSBURG

COUNTY

WEST VIRGINIA PULP AND PAPER CO

In Place 88 Ft. of 36 in. Pipe RC.
Retain left wall on Left
as shown on sheet no. 3.

Retain 68 Ft. of 24 in. Pipe RC.
Build cutoff wall on Left
as shown on sheet no. 3.

Retain 78 Ft. of 18 in. Pipe RC.
Build cutoff wall on Left
as shown on sheet no. 3.

P.O.T. = 451+00.1

P.O.T. = 466+57.9

P.O.T. = 474+39.2

P.O.T. = 479+43.6

40' R/W
45' R/W
50' R/W
25' R/W
55' R/W

N 19°-08' E

ditch

ditch

ditch

4" Oak
14" Pine
59.2'
39.0'
62.1'
10" Pine

3" Pines
7.4'
4.6'
6.2'
4" Pine

2" Pines
8.1'
4.3'
8.7'
3" Pine

P.O.T. = 466+57.9
56.2'
60.6'
73.4'
2" Pines

P.O.T. = 474+39.2
62.9'
4" Pine

P.O.T. = 479+43.6
4.3'
8.7'
3" Pine
2-2" Pines

B.M. #29 Nail in root 6 in. Blackgum
65 ft. left Sta. 451+10 El. = 34.89

B.M. #30 Nail in side 2 in. Pine
45 ft. left Sta. 467+43 El. = 33.40

B.M. #31 Nail in base 6 in. Sweetgum
40 ft. left Sta. 480+00 El. = 29.69

EVC 34.49 SMB 30.80
30'
TOT. 34.49 TOT. 34.19
OVERHAUL 730 C.Y. 131

EVC 33.31 EVB 32.25
20'
TOT. 33.31 TOT. 33.51

SUBGRADE

-0.34%
D.A. = 50 Acres
C. = .2
SPECIAL DITCH BOTH SIDES

+0.10%

D.A. = 60 Acres
C. = .3

-1.96%

SPECIAL DITCH BOTH SIDES

464+04.0
El. = 33.39

+0.70%

400' V.C.

-0.84%

D.A. = 70 Acres
C. = .2

-0.56%

SPECIAL DITCH BOTH SIDES

SPECIAL DITCH GRADE ELEVATIONS

160+22.56 33.35

SPECIAL DITCH GRADE ELEVATIONS

463+24.40 33.39

SPECIAL DITCH GRADE ELEVATIONS

31.57 31.23 31.20 33.35 27.87 32.15 32.00 30.70 31.40 33.39 31.61 30.07 31.00 31.56 32.12 32.39

USE 50 Ft. SPECIAL SECTION STA. 462+44 TO STA. 468+43

USE 50 Ft. SPECIAL SECTION STA. 478+30 TO STA. 482+30

USE 50 Ft. SPECIAL SECTION STA.

USE 50 Ft. SPECIAL SECTION STA.

PROFILE

SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
R/W & RIGHT OF WAY CHECKED
STRUCTURE NOTATIONS CHECKED

NOTE BOOK
NO.

BY DATE

EUGENE DIETZGEN CO., CHGO., N. Y.

PLATE 1 PLAN-PROFILE 8½ x 11 STANDARD

F.A. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	47.238 47.238 Part 2	51	21-B	27-B

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
AT. OF WAY CHECKED
STRUCTURE NOTATIONS CHKD
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
AT. OF WAY CHECKED
STRUCTURE NOTATIONS CHKD
BY
DATE

WILLIAMSBURG

J. D. RHEM

COUNTY

J. D. RHEM

Retain: Double 10 ft. x 9 ft. x 35 ft. R. C. Box Culvert as shown on sheet no. 34

P.O.T. = 487+20.1

In Place 36 ft. of 18 in. Pipe R.C. No headwalls. Retain

Retain 36 ft. of 18 in. Pipe R.C. No headwalls.

Retain 28 ft. of 18 in. R.C. pipe.

Retain: 10 ft. x 9 ft. x 43 ft. R.C. Box Culvert as shown on sheet no. 35

In Place 76 ft. of 36 in. R.C. Pipe. Retain.

P.O.T. = 501+27.4

2" Cherry
T.P.
49.9'
56.3'
P.O.T. = 487+20.1
92.2'
2" Willow

Fence Post
51.2'
40.2'
49.9'
P.O.T. = 501+27.4

40' R/W
20' R/W
N 19°-08' E
40' R/W 50' R/W
50' R/W 40' R/W
40' R/W 55' R/W
55' R/W 40' R/W
40' R/W
40' R/W

ditch +15
ditch +69
ditch

B.M. #32 Nail in base 3 in. Wild Cherry 80 ft. left Sta. 487+00 El. = 15.51

B.M. #33 Nail in side 10 in. Pine 40 ft. left Sta. 497+65 El. = 18.51

EXC. 12,240 EMB. 10,200
TOT. 12,240 TOT. 12,240
OVERHAUL = 4620 CY-HM

EXC. 1232 EMB. 1027
TOT. 1232 TOT. 1232

STRAIGHT SHEET PILING FOR 360.0 x 9.80 (OUT)

0.94%
400' V.C.
0.06%
400' V.C.
+0.78%
SUBGRADE
484+00
EL. = 16.62
490+846
EL. = 16.62
D.A. = 8.0 Sq. Mi.
C = .3
D.A. = 7.6 Sq. Mi.
C = .3

USE 54 FT. SPECIAL SECTION STA. 480+50 TO STA. 484+50
USE 32-40 FT. SECTION STA. 484+50 TO STA. 488+50
USE 54 FT. SPECIAL SECTION STA. 488+50 TO STA. 493+00
USE 32-40 FT. SECTION STA. 493+00 TO STA. 498+00
USE 54 FT. SPECIAL SECTION STA. 498+00 TO STA. 503+22
USE 60 FT. SPECIAL SECTION STA. 503+22 TO STA. 507+00

SPECIAL DITCH TO STA. 505+00
SPECIAL DITCH STA. 505+00 TO STA. 507+00

480 1 2 3 4 5 6 7 8 9 490 1 2 3 4 5 6 7 8 9 500 1 2 3 4 5 6 7 8 9 510

EUGENE DIETZGEN CO., CHGO., N. Y.

PLATE 1-PLAN-PROFILE R. P. R. STANDARD

FED. ROAD PROJ. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	45-238 74-238	S.C.	2B	2 of 8

Part 2

WILLIAMSBURG COUNTY

GEORGETOWN COUNTY

J. D. RHEM

MRS. M. E. RHEM

J. D. RHEM

D. D. RHEM

Res. 297'±

In Place 36 ft. of 18 in. Pipe R.C.
No hdwl. Retain.

Timber Bridge

Remove Timber Bridge.
Retain 36 ft. of 18 in. Pipe R.C.
No headwalls.

Sal. 33 ft. of 18 in. N.I. Pipe.
Retain 36 ft. of 24 in. Pipe R.C.
No headwalls.

Sal. 39 ft. of 36 in. C.M. Pipe.
Retain 60 ft. of 36 in. Pipe R.C.
Build cutoff wall on Right
as shown on sheet no 3.

Remove Timber Bridge.
Retain 20 ft. of 18 in. Pipe R.C.
No headwalls.

Remove 33 ft. of 24 in. C.M. Pipe.
Retain 68 ft. of 24 in. Pipe R.C.
Build cutoff wall on Right
as shown on sheet no 3.

Retain 33 ft. of 18 in. Pipe R.C.
No headwalls.

Retain 20 ft. of 18 in. Pipe R.C.
No headwalls.

Barn 60'±

Barn 210'±

Barn 180'±

Old Store 372'±

Res. 300'±

T.R. 120'±

8" Pine
8" Pine
4" Pine
58.7'
65.1'
46.0'
P.O.T. = 516+22.4

P.O.T. = 516+22.4

P.O.T. = 516+22.4

P.I. = 516+22.4

P.I. Pres. Rd. County Line

County Line

N 19°-08' E

40' R/W

33'±

ditch ±36

ditch ±23

Road

RHEM

510 515 520 525 530 535 540

B.M. #34 Nail in top 24 in. Pine Stump
45 ft. right Sta. 512+25 El. = 33.75

B.M. #35 Nail in roof 10 in. Pine
60 ft. left Sta. 527+00 El. = 29.30

511+50
El. = 32.13

+0.78%
+0.10%
+1.40%
-0.18%
-1.56%
-0.78%
+0.58%
+1.00%
+0.90%
+0.40%

SUBGRADE

SPECIAL DITCH BOTH SIDES

1000' V.C.

400' V.C.

529+77.5
El. = 29.44
D.A. = 50 Acres

D.A. = 12 Acres

SPECIAL DITCH GRADE ELEVATIONS

USE 60 FT. SPECIAL SECTION STA. 506+42 TO STA. 537+00

USE 44 FT. SPECIAL SECTION STA. 537+00 TO STA. 542+00

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	PLOTMENT CHECKED		
	GRADES CHECKED		
	R.W. & NOTES		
	R/T. OF WAY CHECKED		
	STRUCTURE NOTE TING CHECK		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B. M. & NOTES		
	STRUCTURE NOTE TING CHECK		

EUGENE DIETZGEN CO. CHGO. N.Y.

PLATE 1 PLAN-PROFILE U. S. STANDARD

F.A. ROAD NUMBER	STATE	COUNTY	STATE'S ROUTE NUMBER	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	GEORGETOWN WILLIAMSBURG	33-2.56 42-2.58	S.W.	23-B	27-B

PLAN
SURVEYED
NOTE BOOK PLOTTED
CHECKED
R/W CHECKED
R/W OF WAY CHECKED
NO.
BY
DATE

WILLIAMSBURG COUNTY

MRS. M.E. RHEM

MURRIEL W. RHEM

D. D. RHEM.

LAURA R. BARNES

GEORGETOWN COUNTY

Pres. Rd. – County Line

N 19°-03' E

40' R/W

45' R/W

T.H. 107' ℄

T.H. 152' ℄

T.H. 160' ℄

T.H. 54' ℄

Born 100' ℄

33' ℄ garden

Farm Rd.

ditch

Remove Timber Bridge
Retains 24 ft. of 18 in. Pipe R.C.
No headwalls

Remove Timber Bridge
Retains 24 ft. of 24 in. Pipe R.C.
No headwalls

Remove Timber Bridge
Retains 64 ft. of 36 in. Pipe R.C.

16" Pine
14" Pine
14" Pine
83.3' 61.8' 59.4'
P.O.T.= 545+78.3

B.M. No. 36 Nail in Root of 18" Pine
75 Ft. Left of Sta. 542+00. El. = 34.76

B.M. No. 37 Nail in Root of 12" Oak
40 Ft. Left Sta. 555+60. El. = 31.26

547+00
PI = 36.33

+0.40%

-0.72%

-0.92%

+0.76%

+0.10%

400' V.C.

SUBGRADE

SPECIAL DITCH GRADE BOTH SIDES
560+50
PI = 2661

SPECIAL DITCH GRADE ELEVATIONS

USE 54 FT. SPECIAL SECTION STA. 537+00 TO STA. 554+00

USE 60 FT. SPECIAL SECTION STA. 554+00 TO STA. 609+00

EXC. = 1180 EMB = 843
BOR. = 30% = 337
TOT = 1180 TOT = 1180
OVERHAUL = 84 C.Y. x M.

EXC. = 2344 EMB = 979
BOR. = 40% = 1365
TOT = 2344 TOT = 2344
OVERHAUL = 19 C.Y. x M.

EMB = 1270
40% = 508
TOT = 1778

PROFILE
SURVEYED
PLOTTED
CHECKED
B. M.'S NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

EUGENE DIETZGEN CO., CHGO., N. Y.

PLATE II-PLAN PROFILE S. C. H. D. STANDARD

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	WILLIAMSBURG GEORGETOWN	42.238 42.225 Part 2	511	24-B	27-B

WILLIAMSBURG COUNTY

T.H. +80-+40-460'℄

Remove Timber Bridge. Place 24" C.M. Pipe in Pipe No headwalls.

MURIEL W. RHEM

Remove 24 ft. of 12 in. T.C. Pipe. In Place 68 ft. of 30 in. Pipe. R.C. Build cut-off Retain on Right as shown on sheet no. 3.

Remove Timber Bridge. Place 24" C.M. Pipe in Pipe No headwalls.

In Place 60 ft. of 18 in. R.C. pipe. Retain.

Remove 24 ft. of 12 in. T.C. Pipe. Retain 64 ft. of 18 in. Pipe. R.C.

Dig Cut-off ditch (Est. 100 C.Y.)

LAURA R. BARNES

GEORGETOWN COUNTY

10' R/W

10' R/W

N19°-08' E Pres. Road County Line

5' 10' R/W

40' R/W

POT-572+62.5

T.H. 103-126-18.2℄

T.H. 103-126-18.2℄

Farm Road 722

Tenaco Bar'g 10-136-42.6

1.57 Ditch

1.32 Ditch

1.43 Ditch

P.C. 591+62.3

P.I. 594+98.00
Δ = 22° 15.6'
D = 2° 20'
T = 337.7'
L = 670
E = 35

10" Pine
8" Oak
10" Gum
88.9
48.95
84.6
POT-572+62.5

2" Pine
2" Oak
41.8
42.2
P.C.-591+62.3

2" Pine
2" Pine
18.6
37.5
P.I. 594+00
23.2
2" Hickory

B.M. No. 38 Nail in Root of 10" Oak. 45 Ft. Left of Sta. 572+55 El. = 32.55'.

B.M. No. 39 Nail in Root of 10" Pine 60 Ft. Left of Sta. 590+00 El. = 29.41'

EXC. = 2176 EMB. = 1356
BOR. = — 40% = 622
TOT. = 2176 TOT. = 2176
OVER HAUL = 146 C.Y. H.M.

+51.3

EXC. = 876 EMB. = 626
BOR. = — 40% = 250
TOT. = 876 TOT. = 876

+63.8

EXC. = 3251 EMB. = 2213
BOR. = — 40% = 838
TOT. = 3251 TOT. = 3251
OVER HAUL = 212 C.Y. H.M.

SUBGRADE

-0.1427%

-0.76%

+0.60%

+0.70%

+2.00%

400' V.C.

400' V.C.

400' V.C.

SPECIAL DITCH GRADE BOTH SIDES.
T.A. 1/4 Acre
C = 2

SPECIAL DITCH GRADE ELEVATIONS

+57+24.00
24.29

24.97

25.65

5.84+00
El. = 25.63

5.97+50
El. = 25.63

T.A. = 1/4 Acre
C = 2

USE 60 FT. SPECIAL SECTION STA. 5.54+00 TO STA. 60.9+00

| | | |

FED. ROAD DIST. NO.	STATE	COUNTY	STATE PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
14	S.C.	SPARTANBURG WILLIAMSBURG	25.855 45-208	S-11	25B	2/36

Part 2

PLAN — SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / STRUCTURE NOTATIONS CHECKED — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / STRUCTURE NOTATIONS CHECKED — NOTE BOOK — NO. — BY — DATE

N

Saw cut & remove existing Pipe. Place 24 ft of 18 in. Pipe. No headwalls.

MURRIEL W. RHEM

Retain 24 ft. of 18 in. R.C. pipe.

Place 30 ft of 18 in. Rilaid R.C. Pipe No headwalls

600 605 610 615 620 625 630

+00 +25 +50 +75 +00 +25 +50 +75 +00 +25 +50 +75 +00 +25 +50 +75 +00

County Road

P.O.T. 613+15.2

Plaza Road

MINGO CREEK

Construct Ramp Est. 1200

LILLY C. HEMINGWAY

Construct Ramp Est. 1200

P.O.T. 628+03.3 (16 ft. Rt.)

Farm Road

T.H. 190'±

Store 72'±

Grist Mill 100'±

40' R/W — 75' R/W — 18' — 40' R/W

N 21°-23° E

Place 36 ft of 18 in Pipe No headwalls

Retain 20 ft. of 18 in R.C. pipe.

P.O.T. 601+37.3

Farm Road

Ditch 130

14" Pine

79.1'

P.T. 601+37.3

36.8'

Power Pole

6" Oak

73.7

P.O.T. 613+15.2

66.5

60.7

18" Hickory

3" Oak

LAURA R. BARNES

EXCEPTION TO PROJECT

240 ft. Reinf. Conc. Bridge ~~to be constructed~~ ~~under a Separate Contract~~

Construct Ramp Est. 1200

Ramp

Retain 742 ft of 18 in. R.C. Pipe Extend on Rt. with 52 ft of 18 in. R.C. Pipe and curb wall or Right as shown on sheet no. 3.

LILLY C. HEMINGWAY

Construct Ramp Est. 1200

Farm Road

BLACK

Ditch

B.M. #40, Nail in root of 12" Pine 75' Lt. Sta 601+00 El. = 29.82

B.M. #41 Nail in root 18" Cedar 30' Rt. Sta 620+75 El. = 27.22

EXC. = 554 EMB. = 1110
BOR. = 10% = 484
TOT. = 1554 TOT. = 1594
OVERHAUL = 300 C.Y.-H.M.

EXC. = — EMB. = 14,436
BOR. = 17,323 20% = 2887
TOT. = 17,323 TOT. = 17,323
* OVERHAUL = 17,323 C.Y.-H.M.

EXC. = 7 12 EMB. = 16,52
BOR. = 17,382 20% = 2990
TOT. = 17,382 TOT. = 17,382
* OVERHAUL = 17,382 C.Y.-H.M.

Embankment omitted for Bridge Sta. 613+20.0 to Sta. 620+70.0

602+00 El. = 25.63

SUBGRADE

-0.85%

1.18%

400' V.C.

610+00 El. = 16.17

El. = 16.0

-9.42%

-0.00%

625+89.2 El. = 17.19

630+00 El. = 18.00

H.W. El. = 16.0 (1928)

Toe of Fill Sta 618+22.0

Toe of Fill Sta 620+19.0

Place 1000 Tons Rip Rap on Fill Slopes at Ends of Bridge.

D.A. = 8 Acres

D.A. = 193.30 M.

C = 0.3

Area required under High Water 2,000 Sq. Ft.

Area for Instant Under High Water 2,930 Sq. Ft.

USE STANDARD CROSS SECTION STA. 601+00 TO STA. 630+00

USE STANDARD SECTION STA. 626+00 TO STA. 634+00

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / STRUCTURE NOTATIONS CHECKED — NOTE BOOK — NO. — BY — DATE

EUGENE DIETZGEN CO., CHICAGO, N.Y.

PLATE 5 PLAN AND PROFILE

FED ROAD DIST NO	STATE	COUNTY	STATE PROJECT NOS	ROUTE NO	SHEET NO	TOTAL SHEETS
14	S.C.	GEORGETOWN WILLIAMSBURG	23235 23288	511	26-B	27-B

Part 2

PLAN | SURVEYED | PLOTTED | CHECKED | CHECKED | NOTE BOOK | R/W PLOTTED | CHECKED | R/W CHECKED | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | CHECKED | CHECKED | NOTE BOOK | B.M. & NOTES | STRUCTURE NOTATIONS CHECKED | NO. | BY | DATE

LILLY C. HEMINGWAY

N

Dig Cutting Ditch Est 300 C.Y.

Salv. 42 Ft. of 18 in. R.C. Pipe.

Superelevation Begins on Left at Sta. 645+82

In Place 20 ft. of 18 in. Relaid R.C. Pipe

R/C pipe to Remain

Woods Road

Woods Road

P.O.T. 645+82

630 635 640 645 650 655 660

40' R/W

N 21°-23' E

Retain 48 ft. of 24 in. R.C. Pipe. Place 60 ft. of 24 in. Pipe. Backfill around pipe as shown on sheet no. 5.

In Place 20 ft. of 18 in. R.C. Pipe. No headwalls.

SPIRAL CURVE DATA
Δ = 17°-10' Rt.
Θs = 1°-52 1/2'
Δc = 13°-25'
Da = 19°-30'
P.I. = 658+98.92
Ts. = 701.47 17°-10' Rt.
T.S. = 645+98.92 tot. 30
Ls. = 250'
S.C. = 656+48.92
Lc. = 694.4
C.S. = 657+43.32
Ls. = 250'
S.T. = 659+85.8

S.T. = 659+85.8 = 659+70.6 B.K.

8" Oak 97.6
18" Pine 91.7
P.C. 647+16.5
60.4
10" Pine

18" Pine 62.8'
10" Pine 67.4'
18" Pine 72.1'
P.I. 652+93.1

8" Pine 66.3
12" Pine 52.1
15" Pine 60.5
EQUALITY
P.T. 658+60.9 = 658+66.6

Ditch +53
Ditch +77
Ditch +80
Ditch +95
Ditch +16.5

LILLY C. HEMINGWAY

B.M. #22 (Nail)

B.M. #23 Nail in Root in Poplar 55' Rt. Sta 657+70 El = 20.99

+00.0

EXC.: 7745 EMB: 8856
ROCK: — 20% = 1771
TOT. 7745 TOT. = 10627
OVERHAUL = 10627 C.Y.-H.M.

+16

EXC.: 7745 EMB.: 1935
ROCK: — 40% = 774
TOT. 7745 TOT. = 8709
OVERHAUL 945 C.Y.-H.M.

400' V.C.

SUBGRADE

0.00%

+0.90%

630+20 El = 15.36

D.A. = 15 Acres C = .3

629+00 El = 15.36

651+00 El = 17.76

USE 54" SPECIAL SECTION STA. 626+00 TO STA. 642+00

USE 60" C.M. SPECIAL SECTION STA. 648+00 TO STA. 686+00

15.61 15.51 15.41 15.32 15.36 P.T. 15.36 15.36 15.36

WILLIAMSBURG COUNTY

GEORGETOWN COUNTY

LILLY C. HEMINGWAY

LILLY C. HEMINGWAY

UNION CHURCH PARSONAGE

J. W. MOULTRIE

O. M. POWELL

UNION CHURCH PROP.

Union Cemetery

Eliminate Ditch on Left to save Shadetrees

SPIRAL CURVE DATA
Δ = 15°-12' Lt.
θs = 3°-00'
Δc = 6°-12'
Dc = 2°-00'
P.I. = 672+88.2
T.S. = 532.4'
T.S. = 667+55.8
Ls. = 300'
S.C. = 670+55.8
Lc. = 460'
C.S. = 675+15.8
Ls. = 300'
S.T. = 678+15.8

Superelevation Ends on Left at Sta. 660+

Superelevation Begins on Right

40' R/W 45 R/W

N. 38°-33' E

County Line

45 R/W 37½ R/W

T.H. 66'±

Res. 112'±

Retain 64ft. of 18 in. R.C. Pipe
Ext. 8ft. Lt. and 8ft. Rt. with 18in. R.C. Pipe flume cutoff wall on sheet no.

Retain 60 ft. of 18 in. R.C. Pipe
Ext. 8 ft. Rt. and 8 ft. Lt. with 18in R.C. Pipe flume cutoff wall on sheet no.3

Superelevation Ends on Right

Retain 20ft. of 18in. Pipe R.C.
No headwalls.
Timber B.

P.I. = 672+98.2
296' 1'45" 264'
10" Pine
4" Pine
4" Pine

EQUALITY T/L ONLY
STA 685+38 "A" & "B" Rd. Nos.
"B" Rd. No. 1 STA 433+51.6
"A" Rd. No. 1 STA 685+30 Dockets 235 AND 1508
FAP NO. F-2511 (2)

SURVEY STA. 686+080 END OF FAP NO. F-2511 (2) INTERSECTION WITH ROUTE 512

FAP NO. F-2511 (2) STA. 687+03.3

Ditch 405

Ditch 402

Ditch +10

Ditch +40

Ditch +13

Ditch +30

Ditch +30

Ditch +30