STATE JOB NO. 1313-178, 1313-180

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
3	FLA.	1313-178, 1313-180		1

INDEX OF SHEETS

SHEET NO.	1	KEY SHEET
"	2	DRAINAGE MAP
"	3	TYPICAL SECTIONS
"	4	SUMMARY OF QUANTITIES
"	5	MASS DIAGRAM
"	6-17	PLAN & PROFILE SHEETS
"	18-22	DRAINAGE STRUCTURES
"	23	INTERCHANGE & SPECIAL DETAILS
"	24	PROFILES FOR INTERCHANGE & CROSS ROADS
"	25	CROSS ROAD CROSS SECTIONS
"	26-28	ROADWAY SOIL SURVEY
"	29-35	BLANK
"	36-92	ROADWAY CROSS SECTIONS
"	93	INDEX NO. 200 CONCRETE ENDWALLS
"	94	INDEX NO. 1101-E MISC. RDWY. CONSTR. DETAILS
"	95	INDEX NO. 1454-B CONCRETE ENDWALLS
"	96	INDEX NO. 1465 APPROACH SLAB
"	97	INDEX NO. 1609-E CONCRETE BOX CULVERT
"	98-99	INDEX NO. 2300 GUARD RAIL TYPES (2 SHEETS)
"	100	INDEX NO. 2436 CONCRETE SPILLWAY
"	101-102	INDEX NO. 2613-A WARNING SIGN DETAILS (2 SHEETS)
"	103	INDEX NO. 2796-A RDWY. CONS'T. DETAILS

STATE OF FLORIDA
STATE ROAD DEPARTMENT

PLANS OF PROPOSED

STATE HIGHWAY

CONTRACT VI

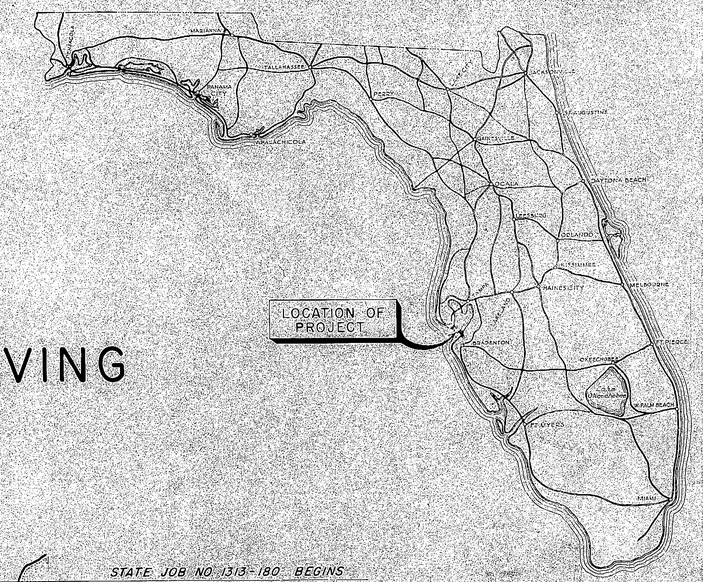
ROADWAY GRADING, DRAINAGE & PAVING

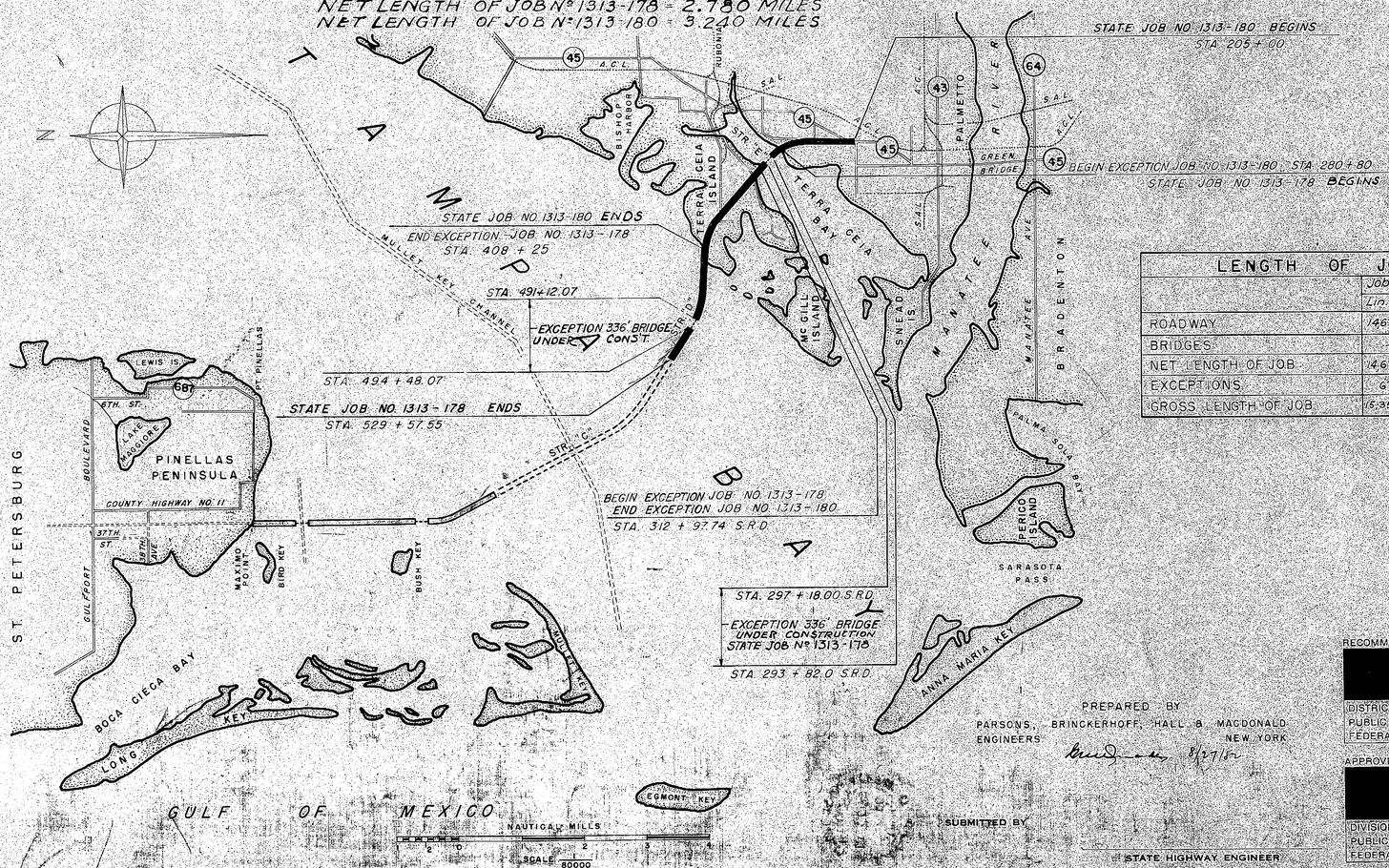
STATE JOB NO. 1313-178, 1313-180

STATE ROAD NO. 55

MANATEE COUNTY

NET LENGTH OF JOB Nº 1313-178 = 2.780 MILES
NET LENGTH OF JOB Nº 1313-180 = 3.240 MILES





LENGTH OF JOB	Job No. 1313-178		Job No. 1313-180		Total	
	Lin. Ft.	Miles	Lin. Ft.	Miles	Lin. Ft.	Miles
ROADWAY	14678.29	2.780	17107.26	3.240	31,785.55	6.020
BRIDGES	—	—	—	—	—	—
NET LENGTH OF JOB	14,678.29	2.780	17,107.26	3.240	31,785.55	6.020
EXCEPTIONS	672.00	0.127	—	—	672.00	0.127
GROSS LENGTH OF JOB	15,350.29	2.907	17,107.26	3.240	32,457.55	6.147

CONVENTIONAL SIGNS

COUNTY LINE		TRAVELED WAY	
TOWNSHIP LINE		CULVERTS	
SECTION LINE		BRIDGES OVER 20 FT. SPAN	
UNFENCED PROPERTY		POWER POLE	
CITY LINE		TELEPHONE POLE	
FENCE LINE		MARSH	
RIGHT OF WAY LINE		GROUND ELEV.	
BASE OR SURVEY LINE		GRADE. ELEV.	
RAILROADS		R. R. MILE POST	

GOVERNING SPECIFICATIONS: STATE OF FLORIDA, STATE ROAD DEPARTMENT.
STANDARD SPECIFICATIONS, DATED AUG. 1, 1950
APPROVED BY PUBLIC ROADS ADMINISTRATION — DATE

PREPARED BY
PARSONS, BRINCKERHOFF, HALL & MACDONALD
ENGINEERS NEW YORK
8/27/56

SUBMITTED BY

STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL DATE

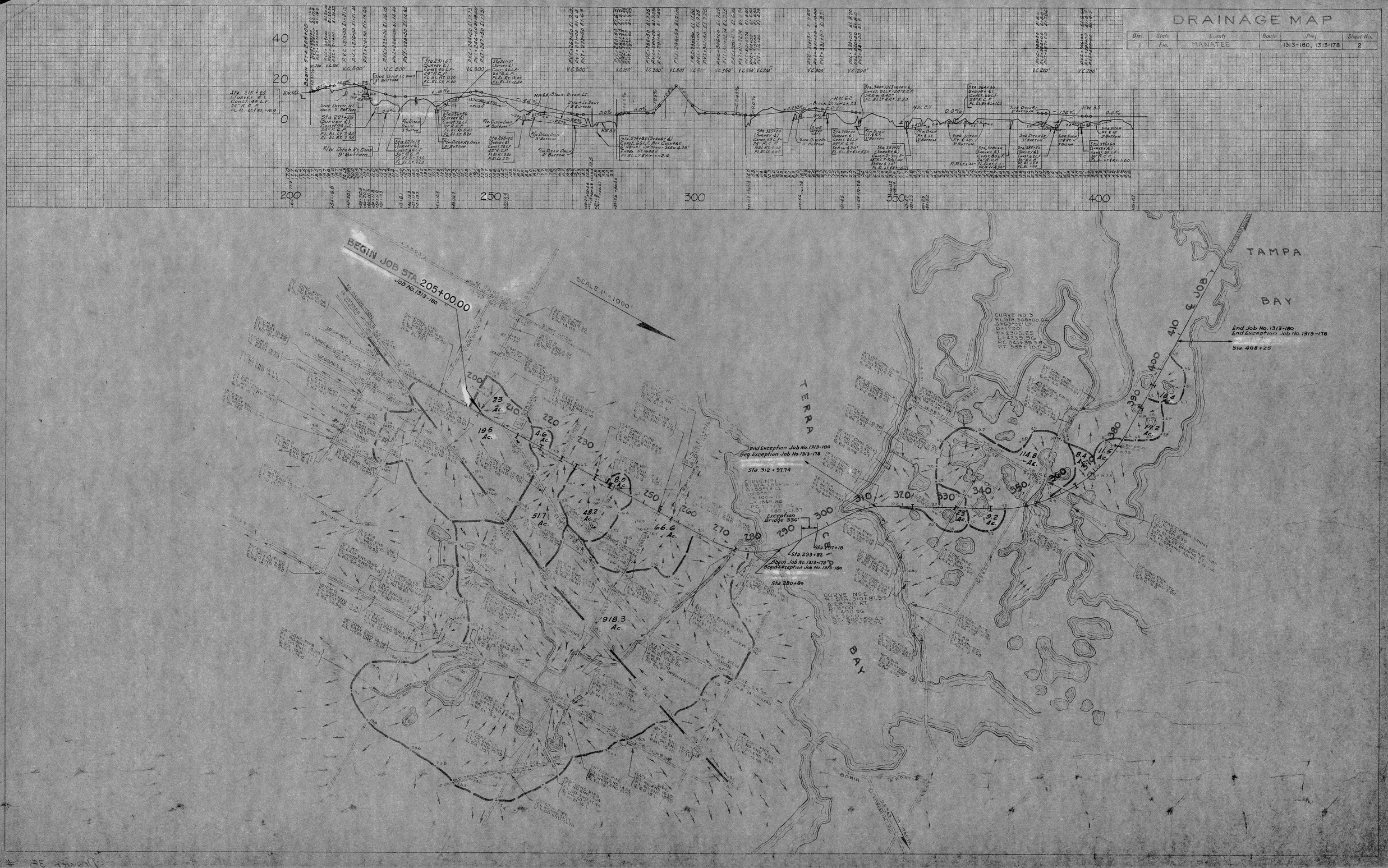
DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

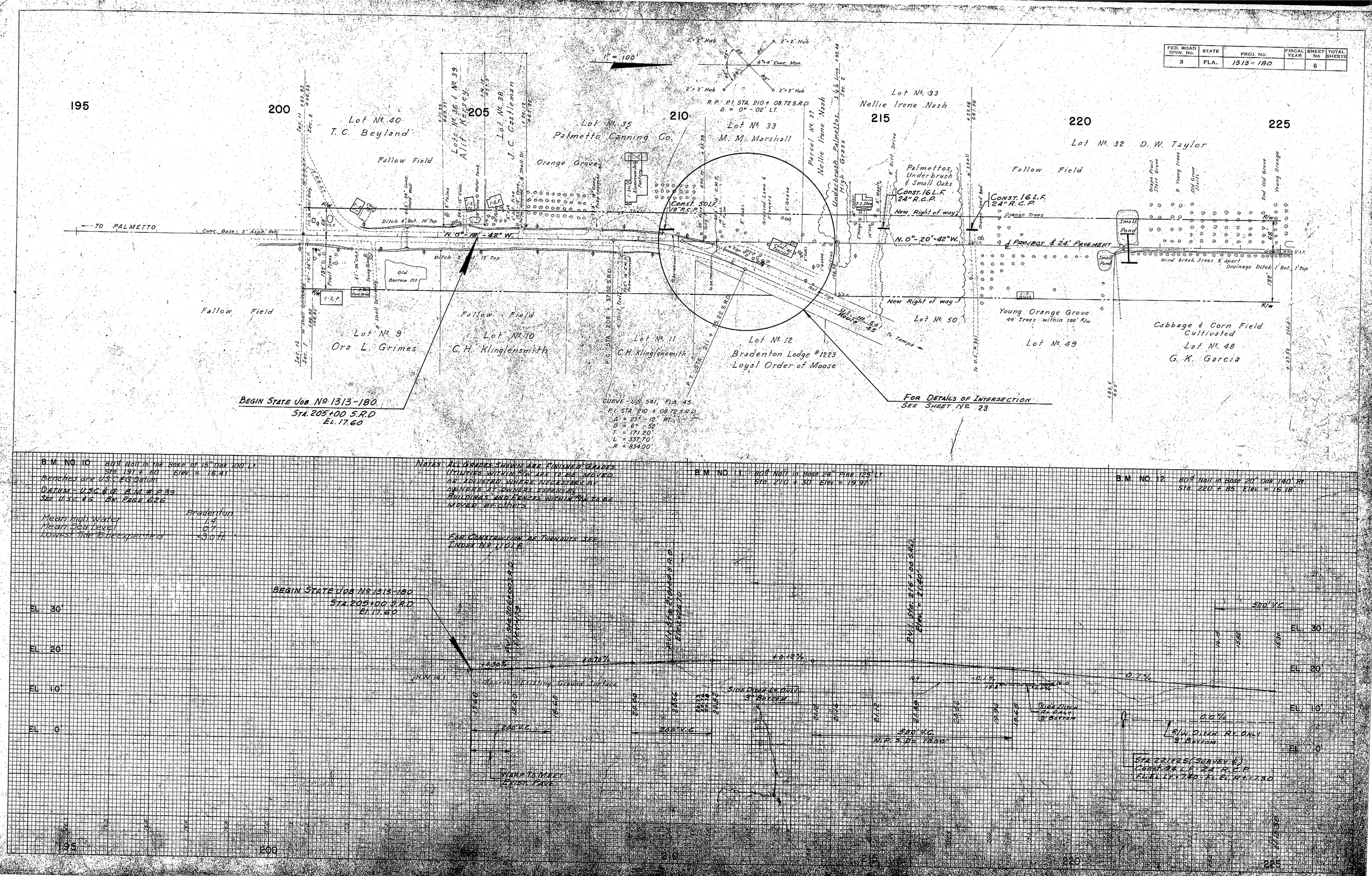
APPROVED DATE

DIVISION ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

DRAINAGE MAP

Dist.	State	County	Route	Proj.	Sheet No.
3	Fla.	MANATEE		1313-180, 1313-178	2





FED. ROAD DIVN. No. 3
STATE FLA.
PROJ. No. 1313-180
FISCAL YEAR
SHEET No 6
TOTAL SHEETS
1" = 100'
195
200
205
210
215
220
225
Lot No. 40 T.C. Beyland
Lots No. 36 & No. 39 Alif Kersey
Lot No. 38 J.C. Castleman
Lot No. 35 Palmetto Canning Co.
Lot No. 33 M.M. Marshall
Parcel No. 37 Nellie Irene Nash
Lot No. 33 Nellie Irene Nash
Lot No. 32 D.W. Taylor
Fallow Field
Orange Grove
Palmettos, Underbrush & Small Oaks
Const. 16 L.F. 24" R.C.P.
Const. 50 L.F. 18" R.C.P.
New Right of way
Orange Trees
TO PALMETTO
Conc. Base 2" Asph. Rel.
N. 0°-18'-42" W.
N. 0°-20'-42" W.
Ditch 4' Bot. 10' Top
Ditch 3' Bot. 12' Top
Old Borrow Pit
Small Pond
Project & 24' Pavement
Wind break trees 3' apart
Drainage Ditch 1' Bot. 1' Top
Young Orange Grove 44 Trees within 100' R/W
Lot No. 9 Ora L. Grimes
Lot No. 10 C.H. Klinglensmith
Lot No. 11 C.H. Klinglensmith
Lot No. 12 Bradenton Lodge #1223 Loyal Order of Moose
Lot No. 50
Lot No. 49
Cabbage & Corn Field Cultivated
Lot No. 48 G.K. Garcia
U.S. No. 541 Route 45
To Tampa
BEGIN STATE JOB No. 1313-180 STA. 205+00 S.R.D. EL. 17.60
CURVE - U.S. 541, FLA. 45
P.I. STA. 210 + 08.72 S.R.D.
Δ = 23° - 12' RT.
D = 6° - 52'
T = 171.20'
L = 337.70'
R = 834.00'
FOR DETAILS OF INTERSECTION SEE SHEET No. 23
B.M. NO. 10 80d Nail in the Base of 15" Oak 100' Lt. Sta. 191 + 80 Elev. = 16.41'
Benches are U.S.C.&G. Datum
DATUM - U.S.C.&G. B.M. # P.39
SEE U.S.C.&G. BK. PAGE 626
Bradenton
Mean High Water 1.4
Mean Sea Level 0.7
Lowest Tide to be expected -3.0 ft.
NOTES: ALL GRADES SHOWN ARE FINISHED GRADES
UTILITIES WITHIN R/W ARE TO BE MOVED OR ADJUSTED WHERE NECESSARY BY OWNERS AT OWNERS EXPENSE.
BUILDINGS AND FENCES WITHIN R/W TO BE MOVED BY OTHERS.
FOR CONSTRUCTION OF TURNOUTS SEE INDEX No. 1101 E
B.M. NO. 11 80d Nail in Base 24" Pine 125' Lt. Sta. 210 + 30 Elev. = 19.97'
B.M. NO. 12 80d Nail in Base 20" Oak 140' Rt. Sta. 220 + 85 Elev. = 16.18'
BEGIN STATE JOB No. 1313-180 STA. 205+00 S.R.D. EL. 17.60
EL. 30'
EL. 20'
EL. 10'
EL. 0'
+0.30%
+0.70%
+0.12%
-0.7%
0.0%
Approx. Existing Ground Surface
Side Ditch Rt. Only 3' Bottom
200' V.C.
500' V.C.
N.P.S.D. = 1000'
Warp to Meet Exist. Pave.
R/W Ditch Rt. Only 3' Bottom
Sta. 221+25 (Survey ℄) Const. 94 L.F. 24" R.C.P. Fl. El. Lt. = 7.40 - Fl. El. Rt. = 7.30

FED. ROAD DIVN. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
3	FLA.	1313-180		7	

All 4"x4" Conc. Mon.

R.P. P.O.T. STA. 229 + 64.00 S.R.D.
L = 180°-00'-00"

1" = 100'

All 4"x4" Conc. Mon.

R.P. P.I. STA. 254 + 32.65
Δ = 0°-02' RT. S.R.D.

225 230 235 240 245 250 255

Lot No. 32 D. W. Taylor — Young Orange Grove
Lot No. 31 John Bishop — Fallow Field
Fallow Field
Fallow Field
Lot No. 24 Terra Ceia Bay Farms, Inc.
Fallow Field
Gladioli Field
Fallow Field
Gladioli Field

E & W ¼ Line Sec. 2
Beech Trees
Row
Mete
Wind break trees
68'
132'
R/W
New Right of way
11' Sand Trail
Chicken Yard
Privy
4" Hydr. Pine
6" Beech
8' Trail
Const. 16 L.F. 18" R.C.P.
50'
℄ Project & 24' Pavement
N. 0°-20'-42" W
8" Sand (Cal.)
Plank Bridge 12' x 5', To be removed
New Right of way
Well with 6" Pipe
Ditch 4' Bot., 8' Top
Ditch 3' Bot., 5' Top
Beech & Cabbage
Cultivated
Fallow Field
Lot No. 47 G. W. Bishop
Lot No. 46 R. C. Bishop
E & W ¼ Line Sec. 1
±27.58
±88.75
Cattails & Lily Pads
48" Conc. Culvert
6" Austin Pine
Remove Exist. Pipe
Begin Low Area
End Low Area
Oaks, Palmettos, Cabbage Trees & Underbrush
Wooded Area
Const. 16 L.F. 18" R.C.P.
Lots No. 44 & No. 45 Terra Ceia Bay Farms, Inc.
Gas Pumps
6" Dirt
Wind break trees
Const. 16 L.F. 18" R.C.P.
385'-18" C.M.P. To Be Removed
To Be Removed
To Remain
Loading Zone
Asph. Base Parking Zone
Gravel Top
6" Curb
Terra Ceia Bay Farms Warehouse
Office Bldg
1-1
Ditch 4' Bot., 6' Top
15' Shell
±21.00
Ditch 3' Bot., 6' Top
To Remain
N ¼ & ¼ Line Sec. 1
386.35'
1368.74' N & E'ly
16' E. of NW ¼ Sec.
Lot No. 43 J. F. Peacock
Ditch as Boundary
N 85°-56' E
384.43'
6" Austin Pines
18" Shell & Dirt
11' Top
Palmettes
Ditch 4' Bot.,
Const. 20 L.F. 18" R.C.P.
132'
To Be Removed
18" C.M.P.
To Be Removed
New Right of way
Squash & Strawberries
Fallow Field
10' Dirt
Water Tank
Const. 20 L.F. 18" R.C.P.
Lot No. 42 G. H. Heard
Const. 20 L.F. 18" R.C.P.
Const. 20 L.F. 18" R.C.P.
Water Valve
Ditch 3' Bot., 6.5' Top
Ditch 3' Bot. 8' Top
18' Graded Road
8" Pecans
6" Trees
6" Grapefruit
I.S.P. Pole
I.S.P. Barn
Pecans
2-Story
Garage
Orange Grove
Fallow Field
Oak Trees
Water Valve
Const. 30 L.F. 24" R.C.P.
Ditch 2' Bot., 3' Top
Ditch 3' Bot., 15' Top
Lot No. 41 John Roos
Graded Road
Ditch 3' Bot., 7' Top
Sec. 1 T. 34 S. R. 17 E
Sec. 36 T. 33 S. R. 17 E
Sec. 35 T. 33 S. R. 17 E
22' Graded Road
±88.75
380.93'

Benches are U.S.C. & G. Datum

B.M. NO. 13 — 80d Nail in Base 12" Aust. Pine 100' Lt. Sta. 231 + 12 Elev. = 13.42'

B.M. NO. 14 — 80d Nail in Base 10" Aust. Pine 120' Lt. Sta. 246 + 25 Elev. = 15.57'

EL. 30'
EL. 20'
EL. 10'
EL. 0'

Sta. 227+13 (Survey ℄)
Const. Lateral Ditch Lt. Only
3' Bottom - To R/W Line

Sta. 231+07 (Survey ℄)
Const. Lateral Ditch Lt. Only
3' Bottom - To R/W Line

Sta. 241+37 (Survey ℄)
Const. Lateral Ditch Lt. Only
3' Bottom - To R/W Line

Sta. 241+37 (Survey ℄)
Const. 46 L.F. 24" R.C.P.
Fl. El. Rt. = 13.00 - Fl. El. Lt. = 12.80

+0.7%
-0.07%
+0.18%
-0.46%
-1.13%
+2.35%
-16.4%
-0.45%

Sta. 227+13 (Survey ℄)
Const. 62 L.F. 36" R.C.P.
Fl. El. Rt. = 13.41 - Fl. El. Lt. = 12.20
R/W Ditch Rt. Only
3' Bottom

Sta. 231+07 (Survey ℄)
Const. 46 L.F. 24" R.C.P.
Fl. El. Rt. = 11.10 - Fl. El. Lt. = 11.00

R/W Ditch Rt. Only
3' Bottom

Sta. 236+50 (Survey ℄)
Const. 76 L.F. 30" R.C.P.
Fl. El. Rt. = 8.40 - Fl. El. Lt. = 8.20

R/W Ditch Rt. Only
3' Bottom

R/W Ditch Rt. Only
3' Bottom

R/W Ditch Lt. Only
3' Bottom

Existing Ground Surface

Ditch Rt.

R/W Ditch Rt. Only
3' Bottom

R/W Ditch Rt. Only
4' Bottom

P.V.I. Sta. 246 + 00 (S.R.D.)
Elev. = 14.00'

300' V.C.

A. R. CORSWELL JACKSONVILLE, FLA.

FED. ROAD DIVN. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No	TOTAL SHEETS
3	FLA.	1313-180		8	
		1313-178			

All 4"x4" Conc. Mon.

R.P. P.C. STA. 270 + 72.84 S.R.D.

CURVE DATA
P.I. STA. 280 + 76.96 S.R.D.
Δ = 55°-28'-00" LT.
D = 3°-00'
T = 1004.12'
L = 1848.89'
R = 1909.86'
Superelevation 0.07' per ft.

1" = 100'

Lot No. 25 Ola Mead

Temporary Ditch & Channel Easement

TERRA CEIA BAY

40' Grade in place

BEGIN EXCEPTION Job 1313-180 STA. 280+80 S.R.D.
BEGIN ST. Job 1313-178

ISLAND

Pampas Trees

CREEK

Sta. 281+54
Sta. 286+00

579.76'
N. 25°-22'-00" W.

Oaks, Palmettos & Underbrush

Lot No. 24 Terra Ceia Bay Farms, Inc.

Gladioli Field

Fallow Field

Const. 20 L.F. 18" R.C.P.

To Be Removed

Const. 20 L.F. 18" R.C.P.

Const. 44 L.F. 15" R.C.P. & Attach Flap Gate From Exist. 15" R.C.P. On New Pipe. Cost of attachment to be included in contract price for New Pipe.

To Be Removed

Const. 16 L.F. 18" R.C.P.

To Be Removed

Const. 16 L.F. 18" R.C.P.

To remain in place

Project & 24' Pavement

New Right of way

N. 0°-18'-42" W.

Ditch 3' Bot., 8' Top

18' Graded Road

Drain Ditch 4.2' Bot., 8' Top

Ditch 2.5' Bot., 8.2' Top

Ditch 3' Bot., 9' Top

Ditch 5' Bot., 9' Top

Board Bridge

Oaks, Palmettos & Underbrush

Barn Yard

Young Orange Trees

Wooded Area
Oak & Palmettos

Pasture

Bearing Orange Grove
4" to 8" trees

Fallow Field

Fallow Field

Cultivated Field

Oaks, Cabbage & Underbrush

Lot No. 29 Oren Johnson

Lot No. 28 S. F. Floyd

P.I. Curve #1
2" I.P. 6"
¼ Cor. Sec. 35
Sec. 36

E.W. & Line Sec. 36

R.P. P.I. STA. 280 + 76.96 S.R.D.
Δ = 55°-28' LT.

4"x4" Conc. Mon.
55°-28' Lt.
4"x4" Conc. Mon.
1" Iron Pipe
4"x4" Conc. Mon.

B.M. NO. 15 30" Nail in Base 15" Aust. Pine 90' Lt. Sta. 257 + 90 Elev. = 8.63'

B.M. NO. 16 30" Nail in Base 12" Cabbage Palm 150' Rt. Sta. 267 + 50' Elev. = 9.69'

B.M. NO. 17 30" Nail in Base 12" Cabbage Palm 113' Lt. Sta. 279 + 50' Elev. = 4.06'

Bearings are U.S.C.&G. Datum

Note
Grades shown on the profile are the finished paving grades. The grades will be revised where and if necessary within allowable standards by the contractor during the progress of the work to eliminate undesirable cuts or fills. Grade on hydraulic fill to be maintained to meet U.S.C.&G. datum grades.

Begin Exception Job 1313-180 Sta 280+80 S.R.D.
Begin St. Job 1313-178

Sta. 238+02 (Survey ℄)
Const. 76 L.F. 42" R.C.P.
Fl. El. Rt. = 3.40 - Fl. El. Lt. = 3.20

Ditch Lt. Only
5' Bottom
0.96%

Block Ditch Lt.

Ditch Rt. Only
5' Bottom

Block Ditch Lt.

-1.04%

57%

65%

Approx. Lt. of top ground to be cut

R/W Ditch Rt. Only
4' Bottom

R/W Ditch Lt. Only
4' Bottom

0.0%

+1.05%

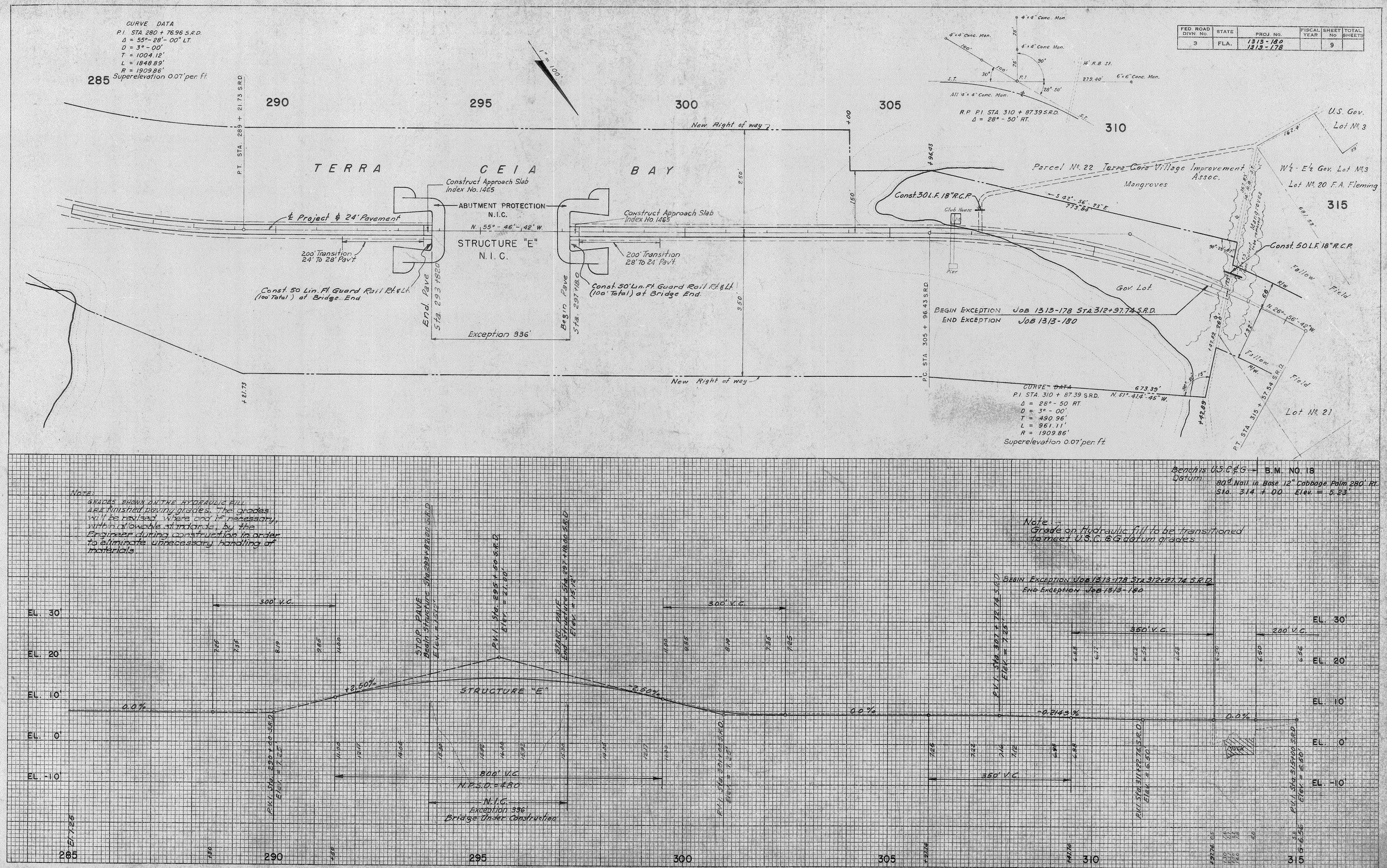
0.0%

Sta. 275+80 (Survey ℄)
Const. 104 L.F. Box Culvert
6' Height x 10' Span - Skew = 35°
Index No. 6009 E
Fl. El. Lt. & Rt. = 2.4

EL. 30
EL. 20
EL. 10
EL. 0
EL. -10

100' V.C.

255 260 265 270 275 280 285



FED. ROAD DIVN. No. 3
STATE FLA.
PROJ. No. 1313-180 1313-178
FISCAL YEAR
SHEET No 9
TOTAL SHEETS
CURVE DATA
P.I. STA. 280 + 76.96 S.R.D.
Δ = 55°-28'-00" LT.
D = 3°-00'
T = 1004.12'
L = 1848.89'
R = 1909.86'
Superelevation 0.07' per ft.
285
290
295
300
305
310
315
TERRA CEIA BAY
New Right of way
Construct Approach Slab Index No. 1465
ABUTMENT PROTECTION N.I.C.
℄ Project & 24' Pavement
N. 55°-46'-42" W.
STRUCTURE "E" N.I.C.
200' Transition 24' To 28' Pav't.
200' Transition 28' To 24' Pav't.
Const. 50 Lin. Ft. Guard Rail Rt. & Lt. (100' Total) at Bridge End
Const. 50' Lin. Ft. Guard Rail Rt. & Lt. (100' Total) at Bridge End.
End. Pave Sta. 293+82.0
Begin Pave Sta. 297+18.0
Exception 336'
P.T. STA. 289 + 21.73 S.R.D.
P.C. STA. 305 + 96.43 S.R.D.
Parcel No. 22 Terra Ceia Village Improvement Assoc.
Mangroves
Const. 30 L.F. 18" R.C.P.
Club House
Pier
Gov. Lot
BEGIN EXCEPTION JOB 1313-178 STA. 312+97.74 S.R.D.
END EXCEPTION JOB 1313-180
U.S. Gov. Lot No. 3
W½ - E½ Gov. Lot No. 3
Lot No. 20 F.A. Fleming
Const. 50 L.F. 18" R.C.P.
Fallow Field
Lot No. 21
CURVE DATA
P.I. STA. 310 + 87.39 S.R.D.
Δ = 28°-50 RT.
D = 3°-00'
T = 490.96'
L = 961.11'
R = 1909.86'
Superelevation 0.07' per ft.
R.P. P.I. STA. 310 + 87.39 S.R.D.
Δ = 28°-50' RT.
Benchis U.S.C.&G. Datum
B.M. NO. 18
80d Nail in Base 12" Cabbage Palm 280' Rt. Sta. 314 + 00 Elev. = 5.23'
NOTE: GRADES SHOWN ON THE HYDRAULIC FILL ARE finished paving grades. The grades will be revised where and if necessary, within allowable standards, by the Engineer during construction in order to eliminate unnecessary handling of materials.
Note: Grade on Hydraulic fill to be transitioned to meet U.S.C.&G. datum grades.
BEGIN EXCEPTION JOB 1313-178 STA. 312+97.74 S.R.D.
END EXCEPTION JOB 1313-180
300' V.C.
350' V.C.
200' V.C.
STOP PAVE Begin Structure Sta. 293+82.00 S.R.D. Elev. = 15.12'
P.V.I. Sta. 295+50 S.R.D. Elev. = 21.00'
START PAVE End Structure Sta. 297+18.00 S.R.D. Elev. = 15.12'
P.V.I. Sta. 307+72.74 S.R.D. Elev. = 7.25'
STRUCTURE "E"
+2.50%
-2.50%
0.0%
-0.2143%
800' V.C.
N.P.S.D. = 480
N.I.C.
Exception 336'
Bridge Under Construction
EL. 30'
EL. 20'
EL. 10'
EL. 0'
EL. -10'
A. R. COGSWELL JACKSONVILLE, FLA.

FED. ROAD DIVN. No. 3 | STATE FLA. | PROJ. No. 1313-180 | FISCAL YEAR | SHEET No. 10 | TOTAL SHEETS
CURVE DATA
P.I. STA. 365 + 00.64 S.R.D.
Δ = 63° - 32' LT.
D = 1° - 30'
T = 2365.25'
L = 4235.56'
R = 3819.72'
Superelevation 0.03'
1" = 100'
4"x 4" Conc. Mon.
R.P. P.T. STA. 315 + 57.54 S.R.D.
R.P. P.O.T. STA. 332 + 95.99 S.R.D.
℄ = 180°-00'-00"
R.P. P.C. STA. 341 + 35.39 S.R.D.
P.C. STA. 341 + 35.38 S.R.D.
P.T. STA. 315 + 57.54 S.R.D.
315
320
325
330
335
340
345
W½ - E½ Gov. Lot No. 3
Lot No. 20 Frankie A. Fleming
25' Dedication for Road
Lot No. 18 Frankie A. Fleming
Lot No. 16 H. L. Moss
Lot No. 15 Adolph E. Schlag
Lot No. 11 Donald Hubbard
Lot No. 12 Yee Lim Sang, Yee Hen, Chin G. Toon
Fallow Field
Const. 20'L.F.-18" R.C.P.
Const. 20 L.F. 18" R.C.P.
4" I.P. Irrigation
Drainage Ditch
To Be Capped
Art. Well
Outlet
N. 26°-56'-42"W
Realign Exist. 10' Dirt Road with Turnout Const. and Const. 16 L.F.-18" R.C.P.
New Right of way
3" Outlet
4" Conc. Pipe
Outlets
Const. 30 L.F.-18" R.C.P.
To Be Removed
Conc. Culvert
℄ Project & 24' Pavement
Underbrush
Cabbage & Underbrush
Low Area
Garage
Ditch
Pump House
Row of old Oak Trees
R/W
68'
132'
192
Egg Plants
8' Trail
3.5' Bot., 7' Top
Gladioli Field
2' Bot., 4' Top Drainage Ditch
16' Graded Road
Fallow Field
Cattails
Low Area
Oaks & Underbrush
Fallow Field
Lot No. 21
Cabbage Trees Scrub Oak & Underbrush
Lots No. 17 & No. 23 Lundy Dirr
Lot No. 13 Francis O. Anderson
Lot No. 14 J. W. Tillett
Lot No. 19 Florence Dillion
W.L. Clyatt, C.C. Clyatt
J. C. Clyatt, R.E. Clyatt
Merle V. Tallant
N. & S. ¼ Line Sec. 26
T-33-S R-17-E
Sec. 35 / Sec. 26
¼ Cor. Sec. 35 Sec. 26
S¼ - ¼ Line Sec. 26
Benches are U.S.C.&G. Datum
B.M. NO. 19 80d Nail in Root 24" Oak 60' Lt. Sta. 324 + 70 Elev = 9.21'
B.M. NO. 20 80d Nail in Base 24" Mango Tree 90' Rt. Sta. 332 + 65 Elev = 9.62'
B.M. NO. 21 80d Nail in Base 12" Cabbage Palm 80' Lt. Sta. 341 + 10 Elev = 5.19
EL. 30
EL. 20
EL. 10
EL. 0
200' V.C.
P.V.I. Sta. 315 + 00 S.R.D. Elev = 6.5
End Superelev. = 7.10 Sta. 317 + 57.54 S.R.D.
+0.233 %
Sta. 325+00 (Survey ℄) Lateral Ditch Lt. Only 4' Bottom - To R/W Line
Sta. 325+00 (Survey ℄) Const. 48 L.F.-24" R.C.P. Fl. El. Rt. = 4.60 - Fl. El. Lt. = 4.60
Block Ditch Lt.
Side Ditch Rt. 4' Bottom
Side Ditch Lt.
P.V.I. Sta. 330 + 00 S.R.D. Elev. = 10.00
300' V.C.
-.18%
Sta. 333+00 (Survey ℄) Lateral Ditch Lt. & Rt. 3' Bottom - To R/W Lines
Sta. 333+00 (Survey ℄) Const. 60 L.F.-24" R.C.P. Skew = 30° Fl. El. Lt. & Rt. = 5.20
-0.2 %
Approx. Existing Ground Surface
Muck
Begin Superelev. Sta. 339+60.98 S.R.D.
P.V.I. Sta. 340+00 S.R.D. Elev. = 8.00
0.0 %
Sta. 340+72 (Survey ℄) Const. 90 L.F.-24" R.C.P. Skew = 40° Fl. El. Lt. & Rt. = 2.20
R/W Ditch Lt. & Rt. 3' Bottom
A. R. Cogswell Jacksonville, Fla.

FED. ROAD DIVN. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
3	FLA.	1313-180		11	

345

Lot No. 12 Yee Lim Sang, Yee Hen, Chin G. Toon

Fallow Field

350

Const. 60 L.F. 18" R.C.P.

R/W 66'

19'

70' R/W

Const. 40 L.F. 18" R.C.P.

Fallow Field

15' Bal. 25' Tot.

26' Tractor Lane

Cover Crop

W. 1/16 Cor. C-C Sec. 26

E. & W. 1/4 Line

+41.20 405.41'

Drainage Ditch

15' Asphalt & Rock

11" Palms

Lot No. 10 West Indies Railroad & Steamship Co.

Lot No. 9 Seaboard Airline Railroad

Mangroves & Low Area

Drainage Ditch

355

Sec. 26 Sec. 27

+41.20 913.24'

+88.60

+30.56

Const. 20 L.F. 18" R.C.P.

4" Stand Pipe & Faucet

New Right of way

℄ Project & 24' Pavement

Const. 20 L.F. 18" R.C.P.

4" Gate

New Right of way

℄ Watershed of Some Ground

3' Dirt Trail

Low Area

Lot No. 8 Anne' M. Haley

N. 26° - 56' - 42" W.

CURVE DATA
P.I. STA. 365 + 00.64 S.R.D.
Δ = 63° - 32' LT.
D = 1° - 30'
T = 2365.25'
L = 4235.56'
R = 3819.72'
Superelevation 0.03' per. ft

1" = 100'

360

365

Lot No. 5 Clara McLaughlin

Scattered Palms & Underbrush

660.66'

196.32'

Supply Farm Well

5" C.C.C. Pipe Culvert Joints

Palms Cabbage & Underbrush

Low Area

Wire Grass No Water

5" C.C.C. Pipe Culvert Joints

Fallow Field Beech Trees & Underbrush

+42.36 921.79'

Lot No. 4 Etta Hilton

Grove

S. 89° - 31' - 18" W.

Cor.

N.W. 1/16 Cor.

370

Lot No. 6 John G. Taylor

Realign Exist. 8' Dirt Trail with T.O. — and Const. 20' L.F. 18" R.C.P.

8' Dirt Trail

5' Outlet Pipe

Ditch

12' Bal. 25' Tot.

F.E. 6.5

Br. Well Stand Pipe Plugged

369.61'

8' Dirt Trail

Realign Exist. 8' Dirt Trail with Turnout Const.; Const. 20' L.F. 18" R.C.P.

20 Trees to 100' R/W

375

B.M. NO. 22 80d Nail in base 15" Cabbage Palm 55' Lt. Sta. 348 + 95 Elev. = 4.93'

B.M. NO. 23 80d Nail in base 12" Cabbage Palm 85' Lt. Sta. 360 + 00 Elev. = 4.80'

B.M. NO. 24 80d Nail in Root 18" Oak 80' Rt. Sta. 370 + 10 Elev. = 5.96'

Benches are U.S.C.&G. Datum

EL. 30

EL. 20

EL. 10

EL. 0

Sta. 352+75 (Survey ℄)
Const. 2-701.5 18" R.C.P. Torq. = 1400 L.F.
Slew = 210° - Rt. ℄ Lt. ℄ Ar. = -0.2'

6.0%

El. 4.0

HW 27'

Muck

1.43%

X 1.6

R/W Ditch Rt. & Lt. 3' Bottom

Approx. Existing Ground Surface

0.0%

Sta. 362+30 (Survey ℄)
Const. 66 L.F. 24" R.C.P.
Fl. El. Rt. & Lt. = 1.60'

El. 8.0

2.4

2.50%

Side Ditch Rt. & Lt. 3' Bottom

1.19%

X 2.2

Side Ditch Rt. 3' Bottom

345 350 355 360 365 370 375

A. P. CODDWELL JACKSONVILLE, FLA.

FED. ROAD DIVN. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	FLA.	1313-180		12	

CURVE DATA
P.I. STA 365 + 00.64 S.R.D.
Δ = 63° - 32' LT.
D = 1° - 30'
T = 2365.25'
L = 4235.56'
R = 3819.72'
Superelevation 0.03' per. ft.

4" x 4" Conc. Mon.
6" x 6" Conc. Mon.
4" x 4" Conc. Mon.
P.T.
P.C.
56°-11'
63°-15'
63°-32'
63°-32'
63°-15'
56°-11'
P.T. STA. 383 + 70.95 S.R.D.
R.P. P.T. STA. 383 + 70.95 S.R.D.
N. ¼ S. line Sec. 27 — 1312.7' to Cor.
1" = 100'

375 380 385 390 395 400 405

8' Dirt Trail
Egg Plant Patch
Lot No. 4 Etta Hilton
Const. 16 L.F. 18" R.C.P.
Tomatoe Patch
3 Outlet Plug
2 x 2 Hub 20 C
4" I.P.
Wire Grass Low Area
Const. 16 L.F. 18" R.C.P.
New Right of way
℄ PROJECT ℄ 24' PAVEMENT
Const. 16 L.F. 18" R.C.P.
New Right of way
Oak & Underbrush
8' Dirt Trail
Lot No. 3 W. V. Knott
Cultivated
Beans
4" Conc. Pipe
Oak & Underbrush
Mangroves & Oaks Tidal Flats
Const. 16 L.F. 18" R.C.P.
To Be Capped
2" Outlet
Art. Well
2" I.P.
3 Outlet Plug
S. 89° - 31' - 18" W
Const. 20 L.F. - 18" R.C.P.
68'
132'
R/W
Sand Pipe Plugged
Const. 34' 18" R.C.P.
Const. 34' - 18" R.C.P.
Cabbage Trees along Ditch Bottom
1 Bal., 36' Top
3 Outlet Plugged
Cabbage Trees along Ditch Bottom
Ditch Bot. 3' Top 6'
Oak, Palms, Mangroves & Underbrush
Lot No. 4 Etta Hilton
Cabbage & Underbrush
Cabbage Palm Drain Ditch
1 Bal., 3' Top
Cabbage Field
Drainage Ditch
1 Bal., 2' Top
Cultivated
Beans
4" Conc. Pipe
Oak & Underbrush
Lot No. 3 W. V. Knott
Cultivated Field
8' Dirt Trail
100'

Beaches are U.S.C. & G. Datum

B.M. NO. 25 80d Nail In Base 12" Cabbage Palm 100' Lt. Sta. 381 + 25 Elev. = 4.40'

B.M. NO. 26 80d Nail In Base 12" Cabbage Palm 135' Lt. Sta. 391 + 75 Elev. = 3.66'

B.M. NO. 27 80d Nail In Root 12" Oak 115' Lt. Sta. 401 + 35 Elev. = 5.07'

Sta 395+60 (Survey ℄)
Const. Lateral Ditch Rt. Only
3' Bottom - To R/W Line

Sta 395+60 (Survey ℄)
Const. 60 L.F. 30" R.C.P.
Fl. El. Lt. & Rt. = 1.00

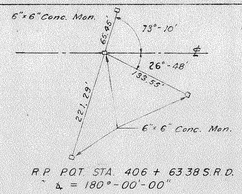
Sta 378+40 (Survey ℄)
Const. 80 L.F. 24" R.C.P.
Fl. El. Lt. = 2.60 Fl. El. Rt. = 2.30
Skew = 20°
0.0 %
EL. 8.0

End Superelev.
Sta 385+46.84 S.R.D.
P.I. Sta. 386+00 S.R.D.
El. = 5.00'

Sta 383+50 (Survey ℄)
Const. 62 L.F. - 30" R.C.P.
Fl. El. Rt. = 1.50 - Fl. El. Lt. = 1.00
-0.136 %
HW 3.5
Mock
Approx. Existing Ground Surface
Side Ditch Rt. 3' Bottom
Side Ditch Lt. 3' Bottom
Side Ditch Rt. & Lt. 3' Bottom
Side Ditch Rt. & Lt. 3' Bottom
200' V.C.
200' V.C.
0.0 %
EL. 6.50
EL. 30'
EL. 20'
EL. 10'
EL. 0'

A. R. COGSWELL
JACKSONVILLE, FLA.

FED. ROAD DIVN. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET No	TOTAL SHEETS
3	FLA.	1313-180 1313-178		13	



R.P. P.O.T. STA. 406 + 63.38 S.R.D.
Δ = 180°-00'-00"

405 410 415 420 425 430 435

Lot No. 3 W. V. Knott — Tidal Flat — Mangroves & Oaks Tidal Flats — Lot No. 3 W. V. Knott — Mangroves & Low Area

Uncleared Ground Palmettos & Oaks

℄ TOLL BOOTH

760'

℄ PROJECT ℄ 24' PAVEMENT

S. 89°-31'-18" W.

New Right of way

New Right of way

Mangroves & Low Area

40' Grade in place

R/W

+00

68'

132'

100'

100'

100'

100'

END JOB 1313-180 STA. 408+25 S.R.D.

BEGIN EXCEPTION ST. JOB 1313-178

Begin Mangroves

Cultivated Field

Tidal Flat

Mangroves & Oaks Tidal Flats

FOR DETAIL SEE SHEET No. 23

Lot No. 3 W. V. Knott

Lot No. 3 W. V. Knott

U.S. Coast & Geodetic Mon. "Cup" 1941 4" dia. Bronze Plate on Conc. Post

TAMPA BAY

+80

250'

250'

430'

N¼ Cor Sec. 27

Sec. 28 T.32 S. R.17 E.

1320.3' to ℄ Conc. S. 27

1327.08'

27 28

22 21

Bench Mark :- Top of Conc Mon on ℄ Sta 406 +63.90 S.R.D. Elev. 5.46 M.L.W. Datum

B.M. NO. 28 — Datum USC&G

80d Nail in Root 30" Oak 100' Rt. Sta. 407 + 30 Elev. = 4.49'

Bench Mark :- Sta 433+09.14 S.R.D. Top of Iron Pipe on ℄ Datum - Elev. 6.98 M.L.W.

Note:-
GRADES SHOWN ON THE HYDRAULIC FILL ARE FINISHED PAVING GRADES. THE GRADES WILL BE REVISED, WHERE AND IF NECESSARY, WITHIN ALLOWABLE STANDARDS, BY THE ENGINEER DURING CONSTRUCTION IN ORDER TO ELIMINATE UNNECESSARY HANDLING OF MATERIALS

Grade on Hydraulic fill to be transitioned to meet U.S.C.&G. Datum grades

END JOB 1313-180 STA. 408+25 S.R.D.
BEG. EXCEPT. ST. JOB 1313-178

EL. 30'
EL. 20'
EL. 10'
EL. 0'
EL. -10'

Approx. Existing Ground Surface

0.0%

+0.193 %

0.0%

EL. 7.25

100'V.C.

6.50 6.51 6.52 6.57

P.V.I. Sta 428+19.05 S.R.D. Elev. = 7.25

P.V.I. Sta 423+96.25 = A.D. Elev. = 6.50'

100'V.C.

7.18 7.23 7.24 7.25

EL. 7.25

166.30 26 35 28 0.2

166.35 166.35 22802 22805

405 410 415 420 425 430 435

A. P. COGSWELL JACKSONVILLE, FLA.

FED. ROAD DIVN. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	FLA.	1313-178		14	

1" = 100'

435 440 445 450 455 460 465

P.C. 454 + 33.65 S.R.D.

N 89° - 53' - 13" W

40' Grade in place

40' Grade in place

TAMPA BAY

CURVE DATA
Δ = 33° - 30' - 54.1" RT.
D = 1° - 00'
T = 1725.23'
L = 3351.50'
R = 5729.58'
Superelevation 0.02' per ft.

EL. 20'
EL. 10'
EL. 0'
EL. -10'

Approx. existing Ground Surface

0.0% El. 7.25

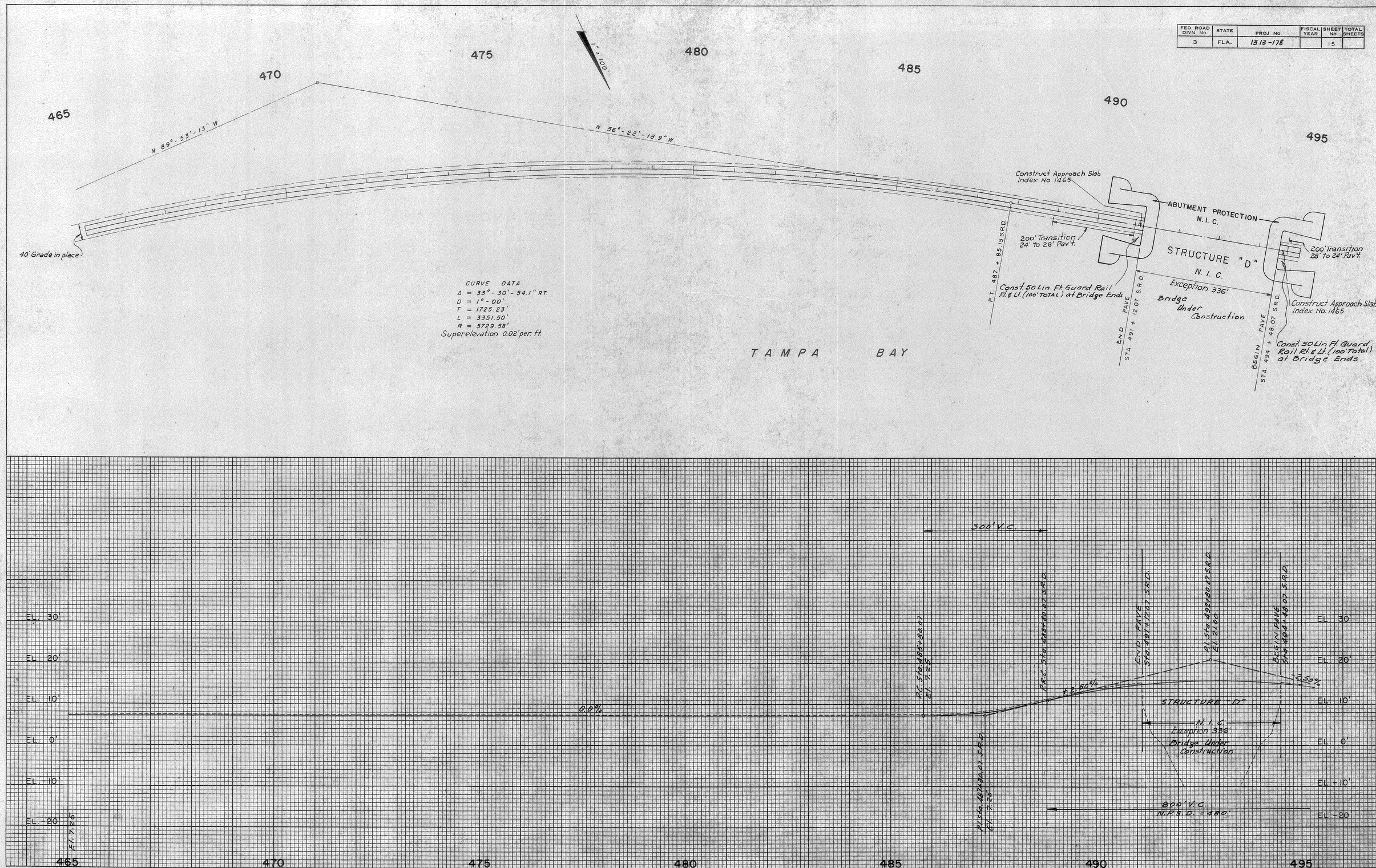
El. 7.25

El. 7.25

435 440 445 450 455 460 465

A. B. COGSWELL
JACKSONVILLE, FLA.

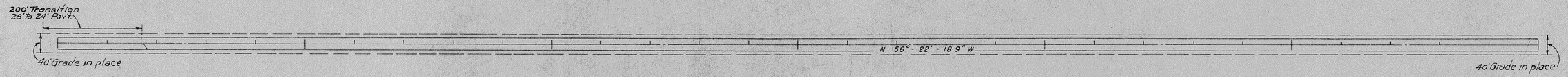
FED. ROAD DIVN. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No	TOTAL SHEETS
3	FLA.	1313-178		15	



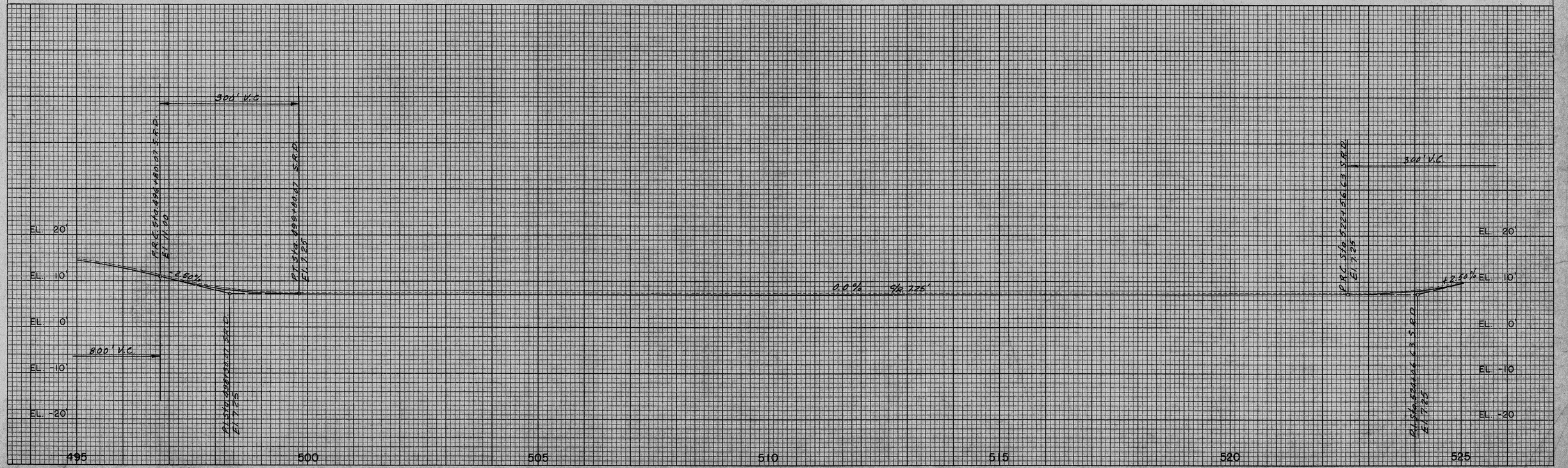
A. R. COGSWELL
JACKSONVILLE, FLA.

FED. ROAD DIVN. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No	TOTAL SHEETS
3	FLA.	1313-178		16	

495 500 505 1"=100' 510 515 520 525



TAMPA BAY



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JACKSONVILLE, FLA.

495 500 505 510 515 520 525

FED. ROAD DIVN. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	FLA.	1313 - 178		17	

525 530

1" = 100'

STATE JOB NO. 1313-178 ENDS
STA. 529 + 57.55 S.R.D.

Construct Approach Slab
Index No. 1465

ABUTMENT PROTECTION
N. I. C

N 56° - 22' - 18.9" W

40' Grade in place

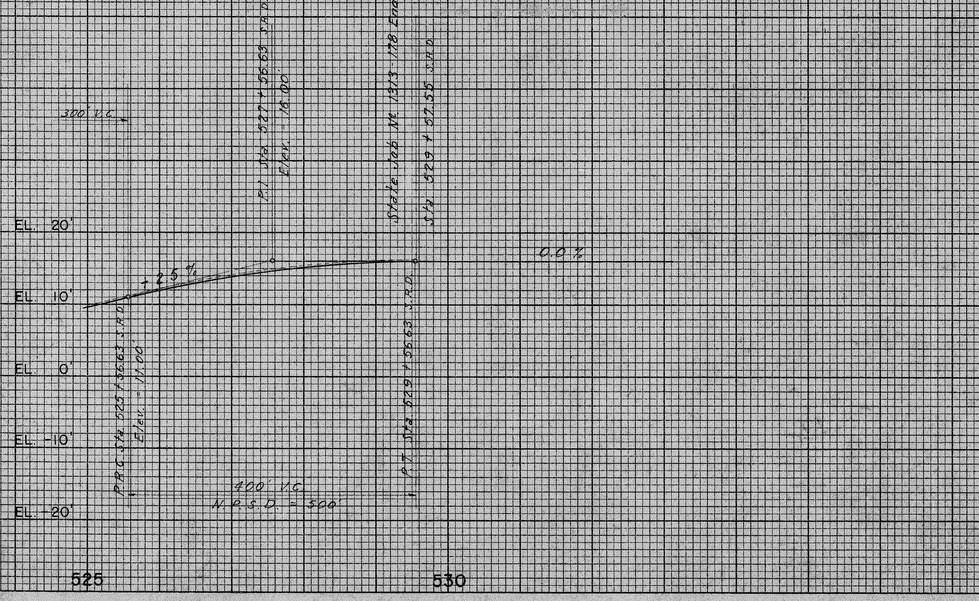
200' Transition
24' To 28' Pav't.

STRUCTURE "C"
N. I. C.

Const. 50 Lin. Ft. Guard Rail Rt. & Lt.
(100' Total) at Bridge End.

STA. 529 + 57.55 S.R.D.

TAMPA BAY



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