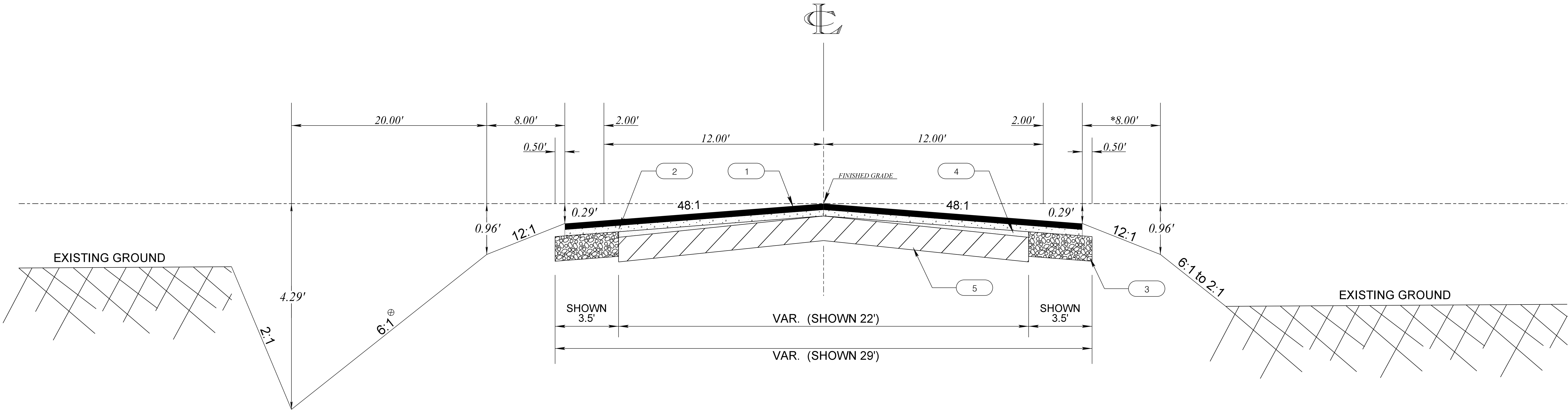


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TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

| | | | | | |
|----------------------|-------|--------|------------|--------------|--------------|
| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | ROUTE NO. | SHEET NO. |
| 3 | S.C. | MARION | P027059 | SC 41 | 3 |

SC 41



* ADD 3.5' WHERE GUARDRAIL IS NEEDED
SEE STANDARD DRAWING 805-105-00

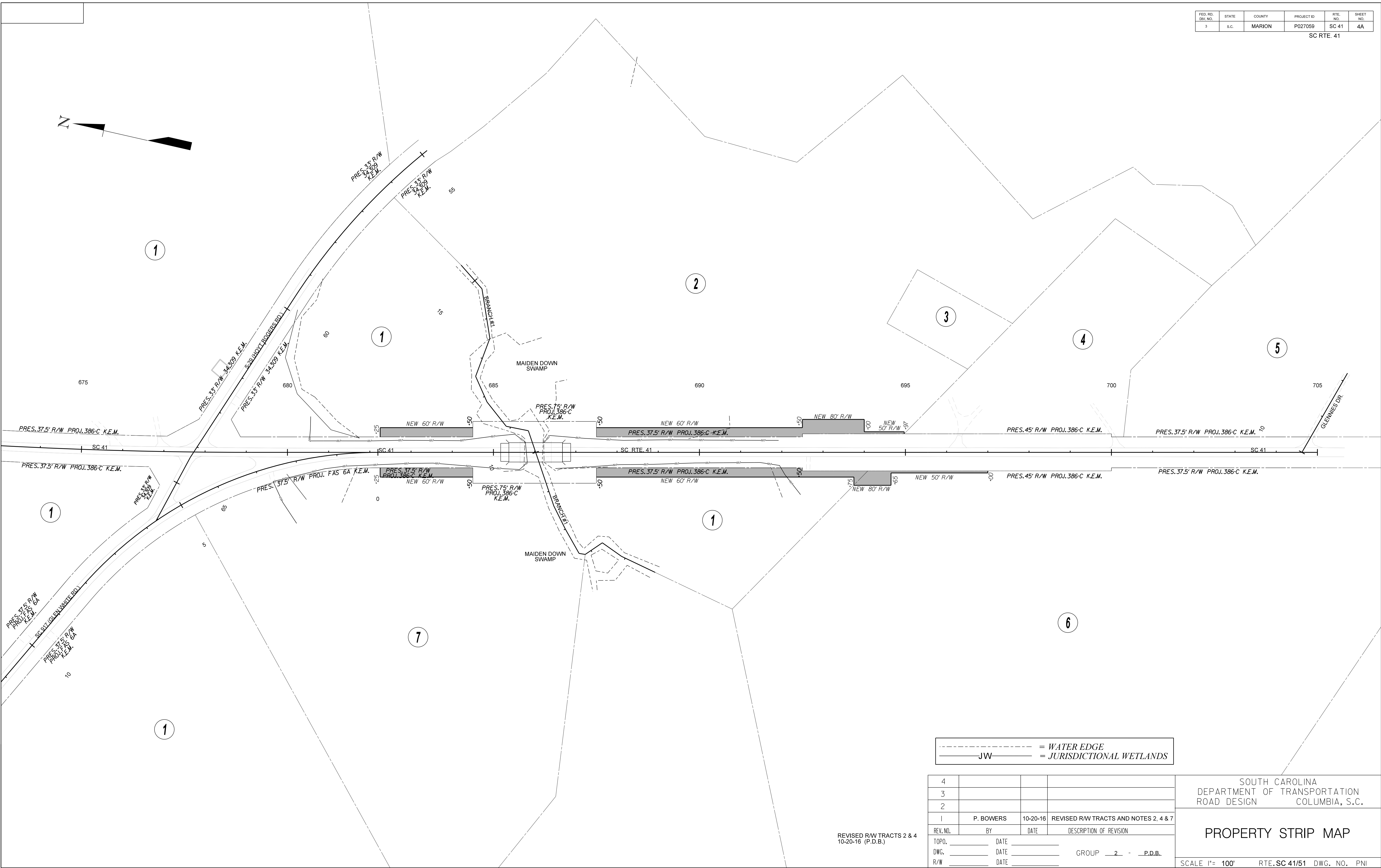
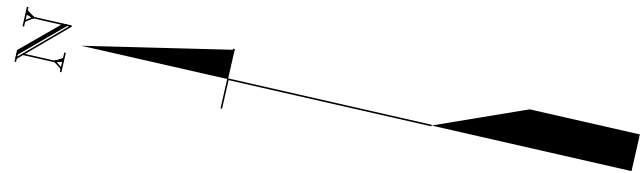
⊗ NOTE:
THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES, USING A MINIMUM SLOPE OF 12:1 AND A MAXIMUM SLOPE OF 4:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 4:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE C_L CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES.

| LEGEND | | |
|--------|--|---|
| 1 | | HOT MIX ASPHALT SURFACE COURSE TYPE C (200 PSY) |
| 2 | | HOT MIX ASPHALT INTERMEDIATE COURSE TYPE C (200 PSY) |
| 3 | | ASPHALT AGGREGATE BASE COURSE TYPE B (450 PSY) |
| 4 | | HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (VARIED FOR BUILDUP) |
| 5 | | PAVEMENT AND BASE IN PLACE RETAIN |

| FUNCTIONAL CLASS | RTE. US 41 | | | PAVEMENT DESIGN | SOUTH CAROLINA | |
|------------------|----------------------------|-------------|--|-----------------|------------------------------|--|
| | DESIGN SPEED | | | | DEPARTMENT OF TRANSPORTATION | |
| | MPH | FROM STA. | TO STA. | | ROAD DESIGN COLUMBIA, S.C. | |
| | 60 | 682 + 35.00 | 697 + 00.00 | | TYPICAL SECTION | |
| | | | | | | |
| | EXCEPTIONS TO DESIGN SPEED | | | | | |
| | | | | | | |
| | | | | | | |
| | | | SCALE 1"V= NTS SCALE 1"H= NTS RTE. SC 41 | | | |

| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | RTE. NO. | SHEET NO. |
|-------------------|-------|--------|------------|----------|-----------|
| 3 | S.C. | MARION | P027059 | SC 41 | 4A |

SC RTE. 41



| | | |
|------|---|-------------------------|
| --- | = | WATER EDGE |
| —JW— | = | JURISDICTIONAL WETLANDS |

| | | | |
|----------|-----------|----------|---------------------------------------|
| 4 | | | |
| 3 | | | |
| 2 | | | |
| 1 | P. BOWERS | 10-20-16 | REVISED R/W TRACTS AND NOTES 2, 4 & 7 |
| REV. NO. | BY | DATE | DESCRIPTION OF REVISION |
| TOPO. | | DATE | |
| DWG. | | DATE | GROUP 2 - P.D.B. |
| R/W | | DATE | |

REVISED R/W TRACTS 2 & 4
10-20-16 (P.D.B.)

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

PROPERTY STRIP MAP

SCALE 1"= 100' RTE. SC 41/51 DWG. NO. PNI

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| | | | | | | |
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| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | | RTE. NO. | SHEET NO. |
| 3 | S.C. | MARION | P027059 | | SC 41 | 5A |

SC 41

CONTROL POINTS

CP 1 PSC
N=883771.5516 E=2524069.6132 Z=87.29
Sta.=699+79.26 Off = 16.55 SC 41

CP 2 MSC
N=884975.9139 E=2523805.1383 Z=69.66
Sta.=687+46.20 Off = 15.84 SC 41

CP 3 MSC
N=885262.8379 E=2523741.6028 Z=69.56
Sta.=684+52.33 Off = 16.18 SC 41

CP 4 PSC
N=886456.2726 E=2523497.4938 Z=76.04
Sta.=672+34.99 Off = 17.94 SC 41

CP 5 PSC
N=887509.0847 E=2523353.7287 Z=66.30
Sta.=661+72.76 Off = 14.48 SC 41

CP 6 PSC
N=882713.5326 E=2524304.9776 Z=95.89
Sta.=710+63.14 Off = 14.22 SC 41

CP 7 MSC
N=885958.4981 E=2523570.2878 Z=72.51
Sta.=677+36.63 Off = 35.23 SC 41

CP 8 MSC
N=886492.9207 E=2522568.9628 Z=86.63
Sta.=15+73.55 Off = 13.74 SC 917

CP 9 MSC
N=885720.5856 E=2524183.8651 Z=63.75
Sta.=58+06.94 Off = 13.83 S-34-29

BENCH MARK

Road/Route: US 41
County: Horry
Vertical Datum: NAVD 88

Vertical Source: VRS Name of Monument Tied: EB1324

Method of Tie: Level
Level Notes Included: NO

Details of Alignment 1 - SC 41

10 POT Sta. = 665+00.0000 Bearing = S 07°49'30" E 493.1300'
N = 887186.86631 E = 2523412.62253

11 PC Sta. = 669+93.1300 Bearing = S 07°49'30" E SEE NEXT
N = 886698.32813 E = 2523479.76154

12 PI Sta. = 674+52.7095
N = 886243.02805 E = 2523542.33270

Delta = 04°35'36" Left Chord = 918.4207
Radius = 11458.9092 External = 9.2124
Degree = 00°30'00" Back = N 07°49'30" W
ArcLength= 918.6666 Ahead = S 12°25'07" E
Tangent = 459.5795 ChordBear= S 10°07'18" E

13 PT Sta. = 679+11.7967 Bearing = N 77°34'54" E 11459.1553'
N = 885794.20135 E = 2523641.16544

14 RP
N = 888258.47733 E = 2534832.21451

15 POT Sta. = 704+99.9976
N = 883266.55670 E = 2524197.75904

Details of Alignment 3 - S-34-29

21 PC Sta. = 54+84.6000 Bearing = N 51°15'10" W SEE NEXT
N = 885534.64884 E = 2524448.58787

22 PI Sta. = 57+25.2088
N = 885685.24215 E = 2524260.93325

Delta = 18°03'37" Left Chord = 475.2534
Radius = 1513.9897 External = 19.0000
Degree = 03°47'04" Back = S 51°15'10" E
ArcLength= 477.2266 Ahead = N 69°18'47" W
Tangent = 240.6088 ChordBear= N 60°16'59" W

23 PT Sta. = 59+61.8266 Bearing = S 20°41'13" W 1513.9894'
N = 885770.23968 E = 2524035.83767

24 RP
N = 884353.86460 E = 2523501.00534

25 PI Sta. = 64+30.1179 Bearing = N 74°03'38" W 175.3763'
N = 885935.66838 E = 2523597.73946

26 PI Sta. = 66+05.4941
N = 885983.83073 E = 2523429.10606

Details of Alignment 4 - SC 917

16 PC Sta. = 00+00.0000 Bearing = N 12°25'07" W SEE NEXT
N = 885493.69707 E = 2523707.33723

17 PI Sta. = 04+42.3748
N = 885925.72162 E = 2523612.20435

16 PI Sta. = 07+46.1987 Bearing = S 76°19'37" W 48.2711'
N = 643550.76630 E = 2474077.04310

17 PI Sta. = 07+94.4697 Bearing = N 83°56'11" W 81.8551'
N = 643539.35600 E = 2474030.14000

Delta = 49°42'44" Left Chord = 802.7918
Radius = 954.9285 External = 97.4896
Degree = 06°00'00" Back = S 12°25'07" E
ArcLength= 828.5369 Ahead = N 62°07'51" W
Tangent = 442.3748 ChordBear= N 37°16'29" W

18 PT Sta. = 08+28.5367 Bearing = S 27°52'09" W 954.9297'
N = 886132.51208 E = 2523221.13763

19 RP
N = 885288.33831 E = 2522774.75069

20 POT Sta. = 16+99.9967
N = 886539.88069 E = 2522450.75244

Details of Alignment 6 - GLENNIES DRIVE

27 PI Sta. = 10+00.0000 Bearing = S 72°29'44" E 221.7630'
N = 883303.29240 E = 2524189.66975

28 POT Sta. = 12+21.7630
N = 883236.59009 E = 2524401.16359

Details of Alignment 2 - OUTFALL DITCH NO. 1

44 PI Sta. = 10+00.0000 Bearing = N 34°58'23" E 321.2841'
N = 886953.29780 E = 2523444.72148

45 POT Sta. = 13+21.2840
N = 887216.56530 E = 2523628.87810

Details of Alignment 5 - MAIDEN DOWN BRANCH

29 POT Sta. = 05+19.3100 Bearing = N 13°02'46" E 90.3736'
N = 884773.76789 E = 2523567.52368

30 PI Sta. = 06+09.6836 Bearing = N 22°50'15" E 57.0862'
N = 884861.80887 E = 2523587.92415

31 PI Sta. = 06+66.7699 Bearing = N 46°34'35" W 50.2048'
N = 884914.42005 E = 2523610.08046

32 PI Sta. = 07+16.9746 Bearing = N 03°13'07" W 15.1207'
N = 884948.93012 E = 2523573.61715

33 PI Sta. = 07+32.0953 Bearing = N 48°09'38" E 68.7047'
N = 884964.02696 E = 2523572.76817

34 PI Sta. = 08+00.8000 Bearing = N 51°07'06" E 61.7767'
N = 885009.85605 E = 2523623.95437

35 PI Sta. = 08+62.5767 Bearing = N 58°52'54" E 137.4333'
N = 885048.63413 E = 2523672.04410

36 PI Sta. = 10+00.0100 Bearing = N 58°52'54" E 55.4590'
N = 885119.66081 E = 2523789.70094

37 PI Sta. = 10+55.4690 Bearing = N 01°07'21" W 54.7876'
N = 885148.32247 E = 2523837.17946

38 PI Sta. = 11+10.2566 Bearing = N 39°17'08" E 75.1078'
N = 885203.09954 E = 2523836.10606


39 PI Sta. = 11+85.3644 Bearing = N 53°37'42" E 68.1812'
N = 885261.23294 E = 2523883.66329

40 PI Sta. = 12+53.5457 Bearing = S 81°56'22" E 98.6592'
N = 885301.66581 E = 2523938.56196

41 PI Sta. = 13+52.2048 Bearing = N 68°32'03" E 121.5796'
N = 885287.83205 E = 2524036.24645

42 PI Sta. = 14+73.7845 Bearing = N 36°12'47" E 76.5453'
N = 885332.32363 E = 2524149.39285

43 POT Sta. = 15+50.3298
N = 885394.08238 E = 2524194.61495

| | | | | | |
|---|----------|------------|------------------------------|-------------------------|--|
|  | 4 | | | | SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C. |
| | 3 | | | | |
| | 2 | | | | |
| | 1 | | | | |
| | I | | | | REFERENCE SHEET |
| | REV. NO. | BY | DATE | DESCRIPTION OF REVISION | |
| TOPO. | _____ | DATE _____ | | | |
| DGN. | _____ | DATE _____ | RPG <u>2</u> - <u>P.D.B.</u> | | |
| R/W | _____ | DATE _____ | | | |

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| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | | RTE. NO. | SHEET NO. |
| 3 | S.C. | MARION | P027059 | | SC 41 | 5B |

SC 41 STATION OFFSETS

SC41 LEFT
Station-Offset Description

665+11--33.9 P.POLE
667+06--36.4 FENCE
668+05--40.3 P.POLE
668+74--38.3 FENCE
669+41--39.2 FENCE

670+38--39.5 FENCE
671+10--47.6 P.POLE
671+41--40.8 FENCE
672+36--41.5 FENCE
673+33--40.5 FENCE
674+42--47.2 P.POLE
675+00--41.1 VW FENCE
675+66--52.9 P.POLE
677+58--36.5 T. PEDESTAL
677+58--37.7 P.POLE
677+59--36.3 T. PEDESTAL

680+89--38.5 P.POLE
681+06--54.7 SWAMP LINE
681+22--75.0 EDGE OF WATER
681+75--34.6 SWAMP LINE
681+75--34.6 EDGE OF WATER
683+76--39.8 P.POLE
684+75--69.9 EDGE OF WATER
684+88--23.3 GUARD RAIL
685+26--55.1 EDGE OF WATER
685+26--55.1 EDGE OF WATER
685+39--22.7 GUARD RAIL
685+64--25.4 WINGWALL
685+64--27.3 WINGWALL
685+65--23.7 WINGWALL
685+65--24.1 CONC BRIDGE
685+65--22.3 WALL
685+66--22.4 GUARD RAIL
685+67--41.3 EDGE OF WATER
685+76--33.1 EDGE OF WATER
686+03--22.0 WALL
686+22--24.2 EDGE OF WATER
686+24--34.3 EDGE OF WATER
686+24--34.3 EDGE OF WATER
686+36--54.7 EDGE OF WATER
686+39--22.3 GUARD RAIL
686+40--27.4 WINGWALL
686+40--23.9 CONC BRIDGE
686+40--22.1 32CON WALL
686+40--23.8 WINGWALL
686+41--25.6 WINGWALL
686+74--23.2 GUARD RAIL
686+86--38.9 P.POLE
687+13--37.9 PROPERTY CORNER FOUND
687+17--27.4 GUARD RAIL
689+72--32.6 EDGE OF WATER
689+85--38.3 P.POLE

690+74--58.8 EDGE OF WATER
692+02--44.5 FENCE
692+52--45.5 PROPERTY CORNER FOUND
692+52--38.0 PROPERTY CORNER FOUND
692+87--37.5 P.POLE
692+89--40.1 FENCE
692+91--38.8 HEDGE ROW
693+80--40.4 FENCE
693+80--40.9 HEDGE ROW
694+90--37.7 PROPERTY CORNER FOUND
694+97--38.1 HEDGE ROW
694+97--39.4 FENCE

SC41 LEFT
Station-Offset Description

695+89--50.6 SHRUB
695+89--38.1 P.POLE
695+92--56.0 GUY WIRE
695+92--57.7 GUY WIRE
695+99--35.9 WATER METER
696+12--36.4 SHRUB ROW
696+19--36.3 SHRUB ROW
696+24--50.8 SHRUB ROW
696+41--36.1 SHRUB ROW
696+47--49.2 SHRUB ROW
696+54--33.5 SHRUB ROW

700+22--41.5 P.POLE
700+29--37.3 PROPERTY CORNER FOUND
700+32--48.6 GUY WIRE
700+33--67.6 PROPERTY CORNER FOUND

SC41 RIGHT
Station-Offset Description

676+90--44.2 P.POLE
677+00--34.0 GUY WIRE
677+03--54.6 GUY WIRE
677+10--63.4 GUY WIRE
677+13--58.4 GUY WIRE
677+15--50.1 ELEC TRANS BOX
677+19--44.2 P.POLE
679+65--70.6 A3 WETLAND
679+98--52.7 SWAMP LINE


680+91--39.8 A5 WETLAND
681+40--33.4 A6 WETLAND
681+69--34.9 EDGE OF WATER
682+08--30.6 A7 WETLAND
682+98--26.8 A8 WETLAND
683+53--26.1 A9 WETLAND
684+89--26.7 GUARD RAIL
685+02--38.4 A11 WETLAND
685+20--46.8 EDGE OF WATER
685+21--23.7 GUARD RAIL
685+39--22.7 GUARD RAIL
685+63--41.7 A12 WETLAND
685+64--43.6 EDGE OF WATER
685+64--43.6 EDGE OF WATER
685+65--21.9 WALL
685+65--24.0 CONC BRIDGE
685+65--23.8 WINGWALL
685+65--25.5 WINGWALL
685+65--27.0 WINGWALL
685+66--21.8 GUARD RAIL
685+74--40.8 EDGE OF WATER
685+82--24.8 A13 WETLAND
685+90--24.1 HIGH WATER MARK
686+02--21.9 WALL
686+23--24.2 EDGE OF WATER
686+39--21.9 GUARD RAIL
686+40--25.4 WINGWALL
686+40--23.5 CONC BRIDGE
686+40--23.5 CONC BRIDGE
686+40--23.5 WINGWALL
686+40--21.7 32CON WALL
686+40--26.8 WINGWALL
686+46--39.4 B11 WETLAND
686+51--44.9 EDGE OF WATER
686+63--40.1 EDGE OF WATER
686+76--23.2 GUARD RAIL
686+85--37.5 B10 WETLAND

SC41 RIGHT
Station-Offset Description

687+17--27.7 GUARD RAIL
687+19--29.5 CABLE WITNESS MARKER
687+25--35.9 B9 WETLAND
687+78--35.4 EDGE OF WATER
688+06--29.8 B8 WETLAND
688+89--29.0 B7 WETLAND
689+89--25.7 B6 WETLAND

691+47--24.6 B4 WETLAND
691+72--31.3 EDGE OF WATER
691+94--31.8 B3 WETLAND
692+07--53.5 B2 WETLAND
698+99--60.8 GUY WIRE
699+00--57.6 GUY WIRE
699+05--39.8 P.POLE
699+05--37.9 CABLE WITNESS MARKER

703+00--34.9 P.POLE
703+01--51.7 GUY WIRE
703+02--55.5 GUY WIRE



| | | | |
|----------|----|------|------------------------------|
| 4 | | | |
| 3 | | | |
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| 1 | | | |
| REV. NO. | BY | DATE | DESCRIPTION OF REVISION |
| TOPO. | | DATE | |
| DGN. | | DATE | RPG <u>2</u> - <u>P.D.B.</u> |
| R/W | | DATE | |

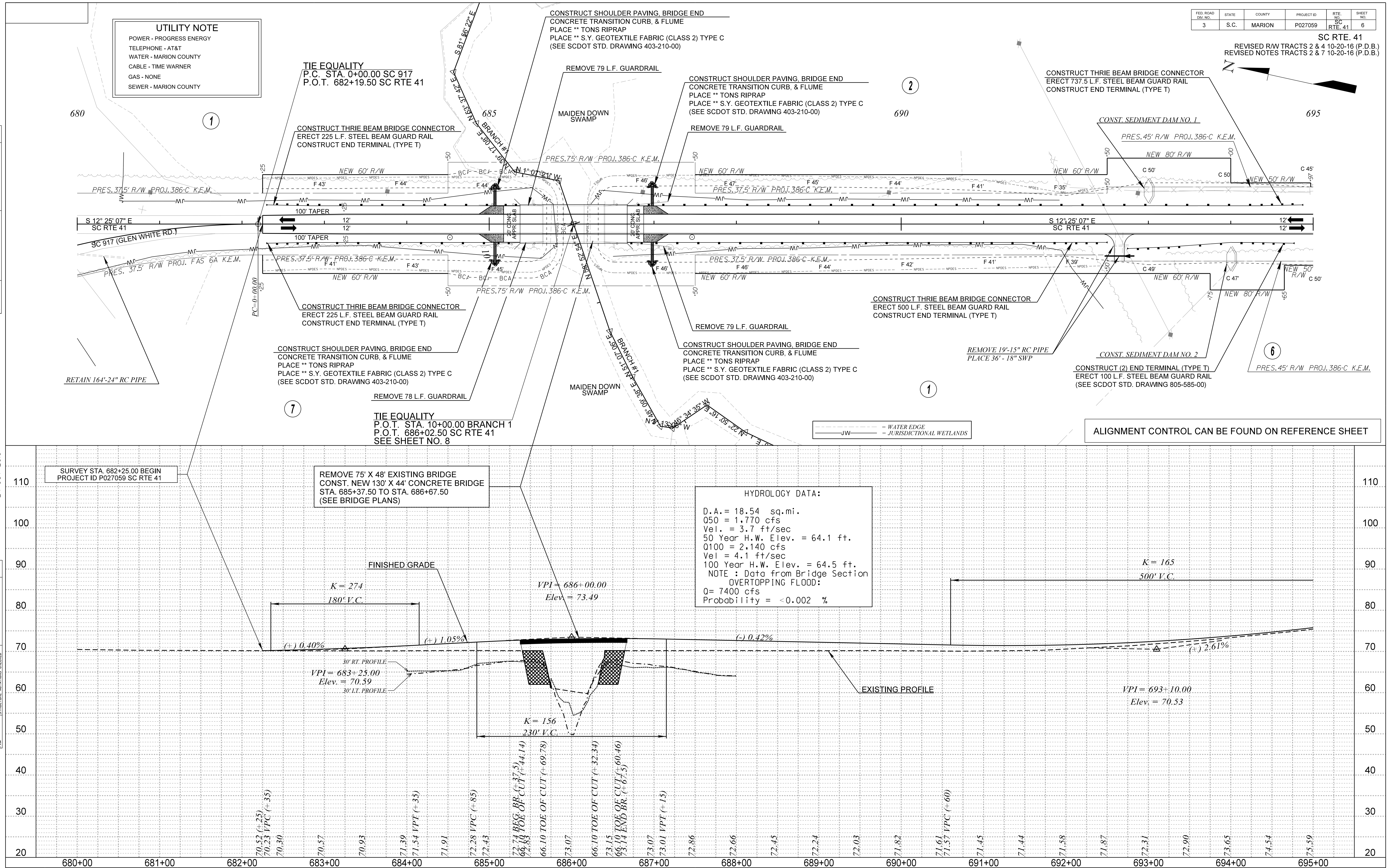
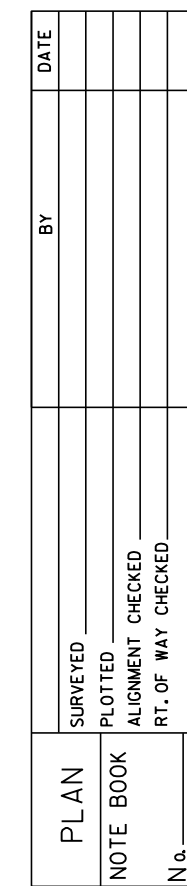
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

REFERENCE SHEET

| | | | | | |
|-----------------------|-------|--------|------------|---------------|--------------|
| FED. ROAD DIV. NO. | STATE | COUNTY | PROJECT ID | RTE. NO. | SHEET NO. |
| 3 | S.C. | MARION | P027059 | SC RTE. 41 | 6 |

SC RTE. 41

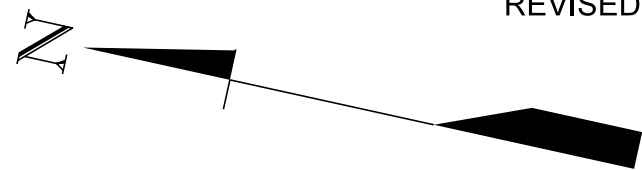
REVISED R/W TRACTS 2 & 4 10-20-16 (P.D.B.)
REVISED NOTES TRACTS 2 & 7 10-20-16 (P.D.B.)



| FED. ROAD DIST. NO. | STATE | COUNTY | PROJECT ID | RTE. NO. | SHEET NO. |
|------------------------|-------|--------|------------|---------------|--------------|
| 3 | S.C. | MARION | P027059 | SC RTE. 41 | 7 |

SC RTE. 41

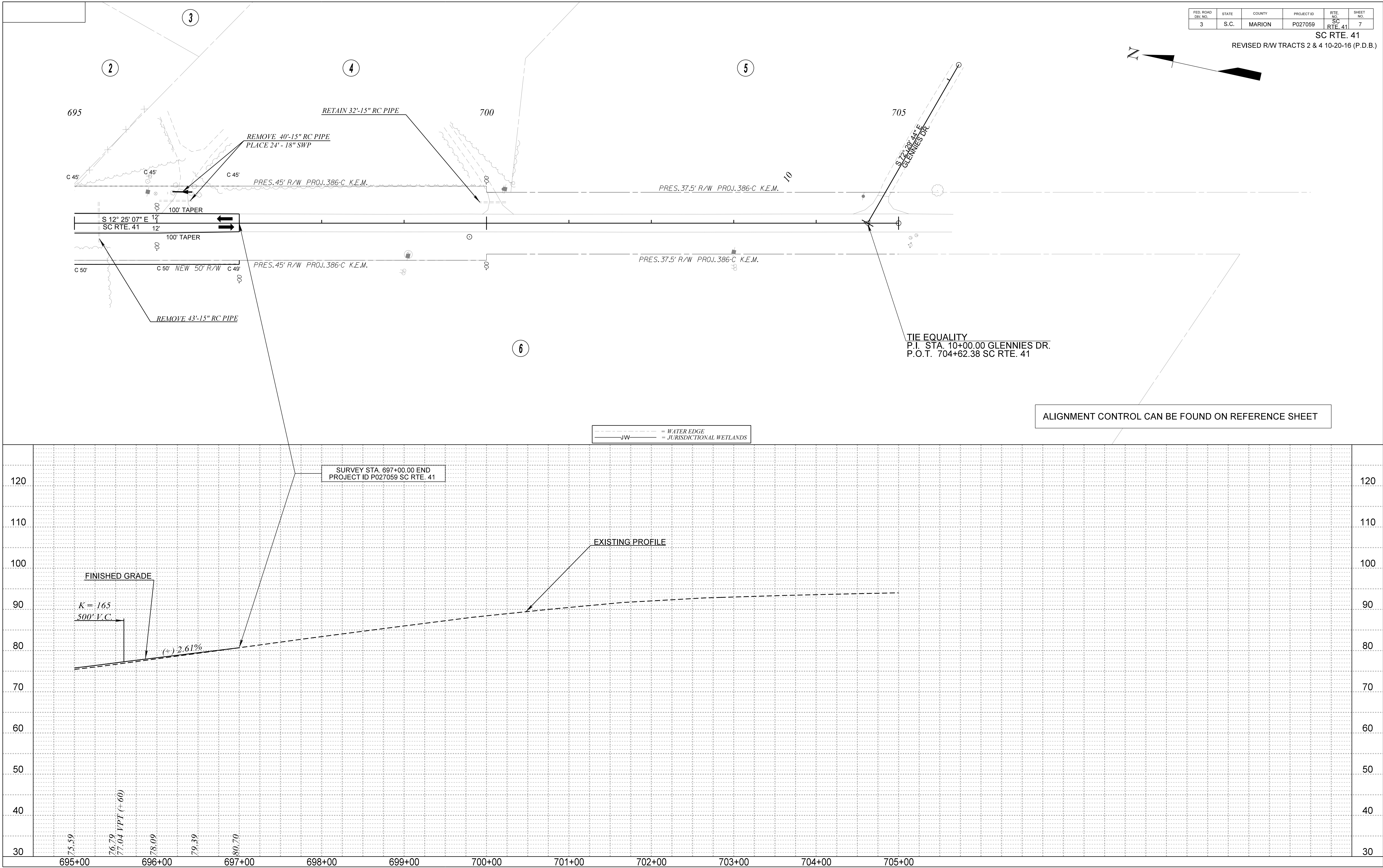
REVISED R/W TRACTS 2 & 4 10-20-16 (P.D.B.)



| PLAN | SURVEYED | BY | DATE |
|--------------------|----------|----|------|
| NOTE BOOK | PLOTTED | | |
| RT. OF WAY CHECKED | | | |
| No. | | | |

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20-OCT-2016

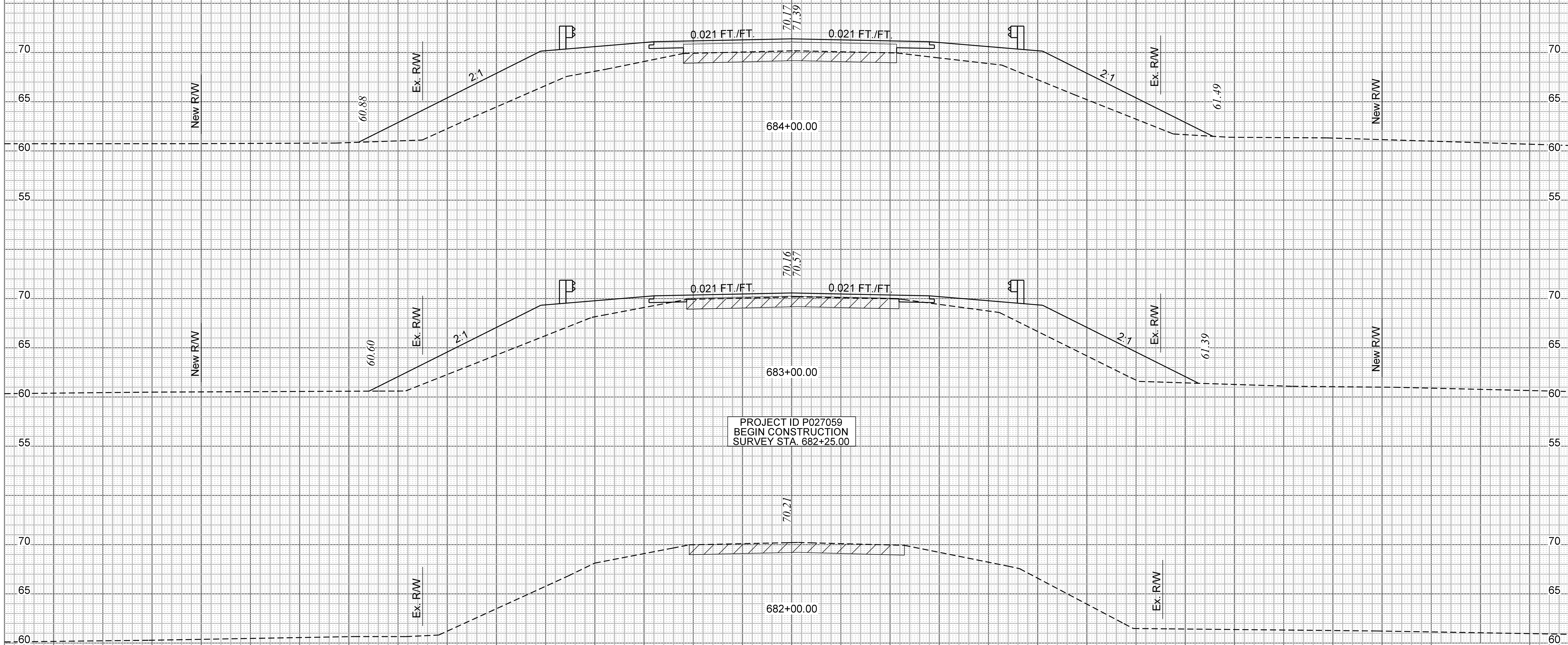
| PROFILE | SURVEYED | BY | DATE |
|----------------------------------|----------|----|------|
| NOTE BOOK | PLOTTED | | |
| GRADES CHECKED | | | |
| VERTICAL CURVE NOTATIONS CHECKED | | | |
| No. | | | |



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06-JAN-2016

| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | RTS. NO. | SHEET NO. |
|----------------------|-------|--------|------------|-------------|--------------|
| 3 | S.C. | MARION | P027059 | SC 41 | X1 |

SC 41



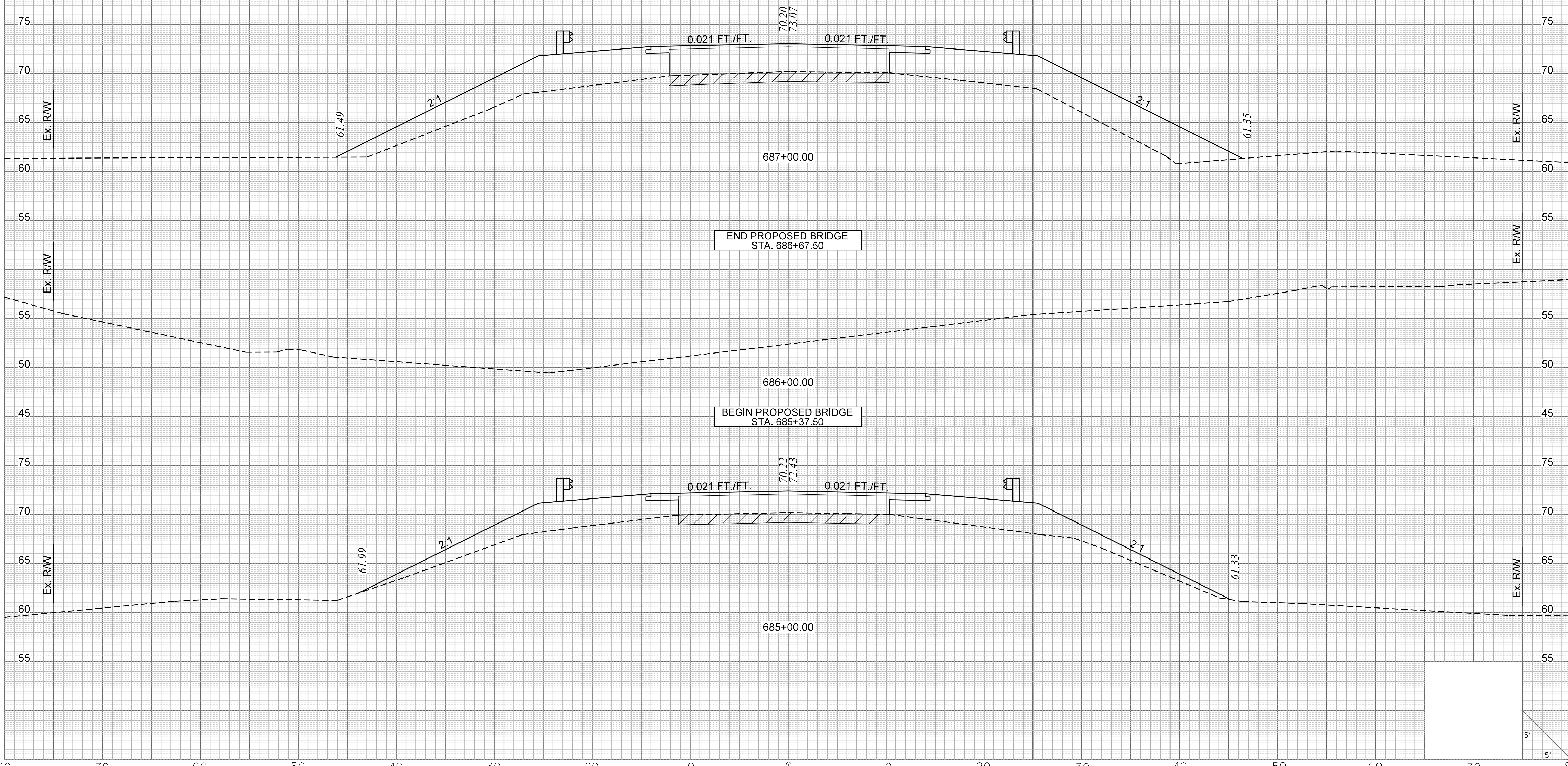
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06-JAN-2016

| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | ROUTE | SHEET NO. |
|----------------------|-------|--------|------------|-------|--------------|
| 3 | S.C. | MARION | P027059 | SC 41 | X2 |

SC 41



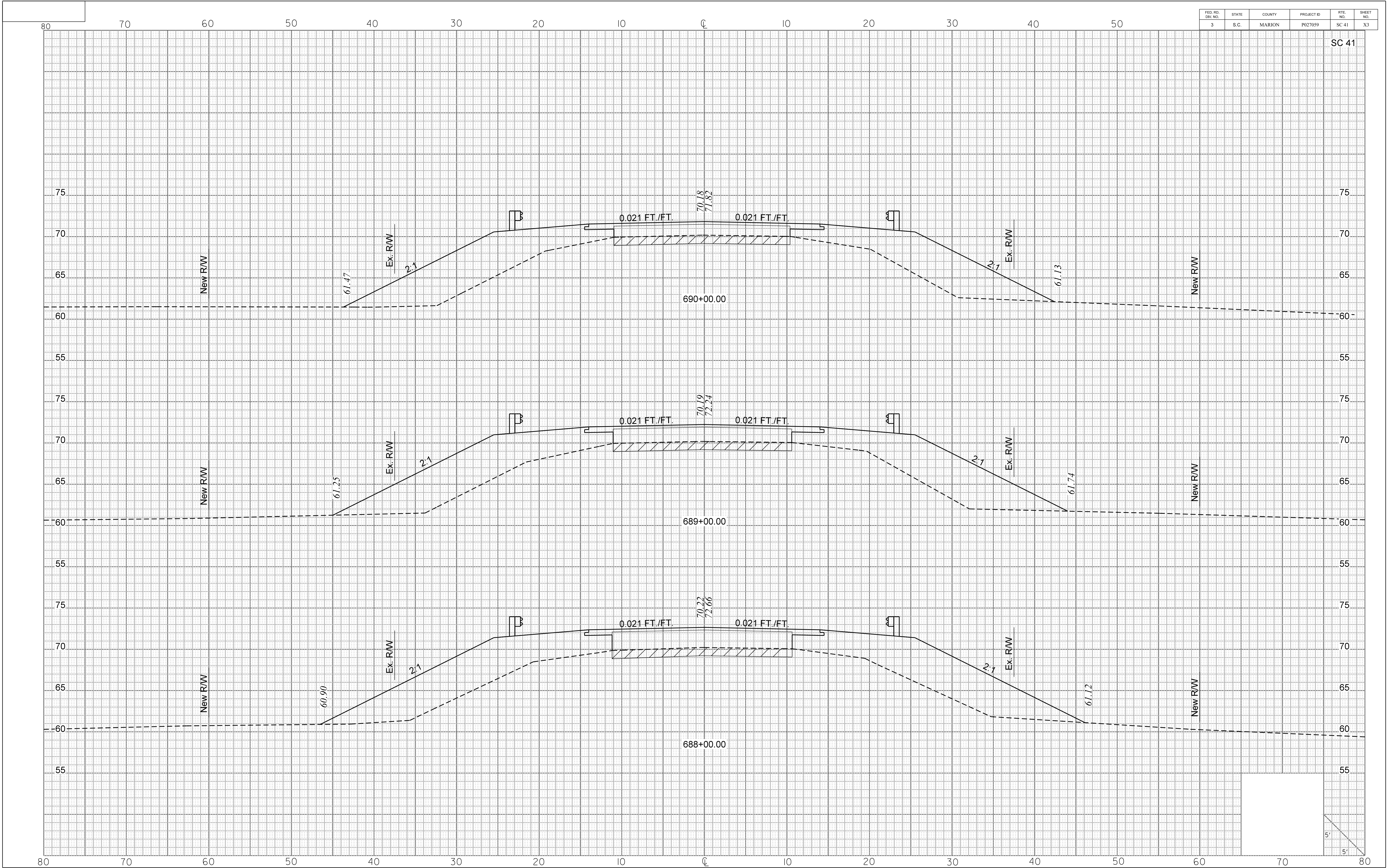
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06-JAN-2016

| FED. RD. DIST. NO. | STATE | COUNTY | PROJECT ID | RTS NO. | SHEET NO. |
|-----------------------|-------|--------|------------|------------|--------------|
| 3 | S.C. | MARION | P027059 | SC 41 | X3 |

SC 41

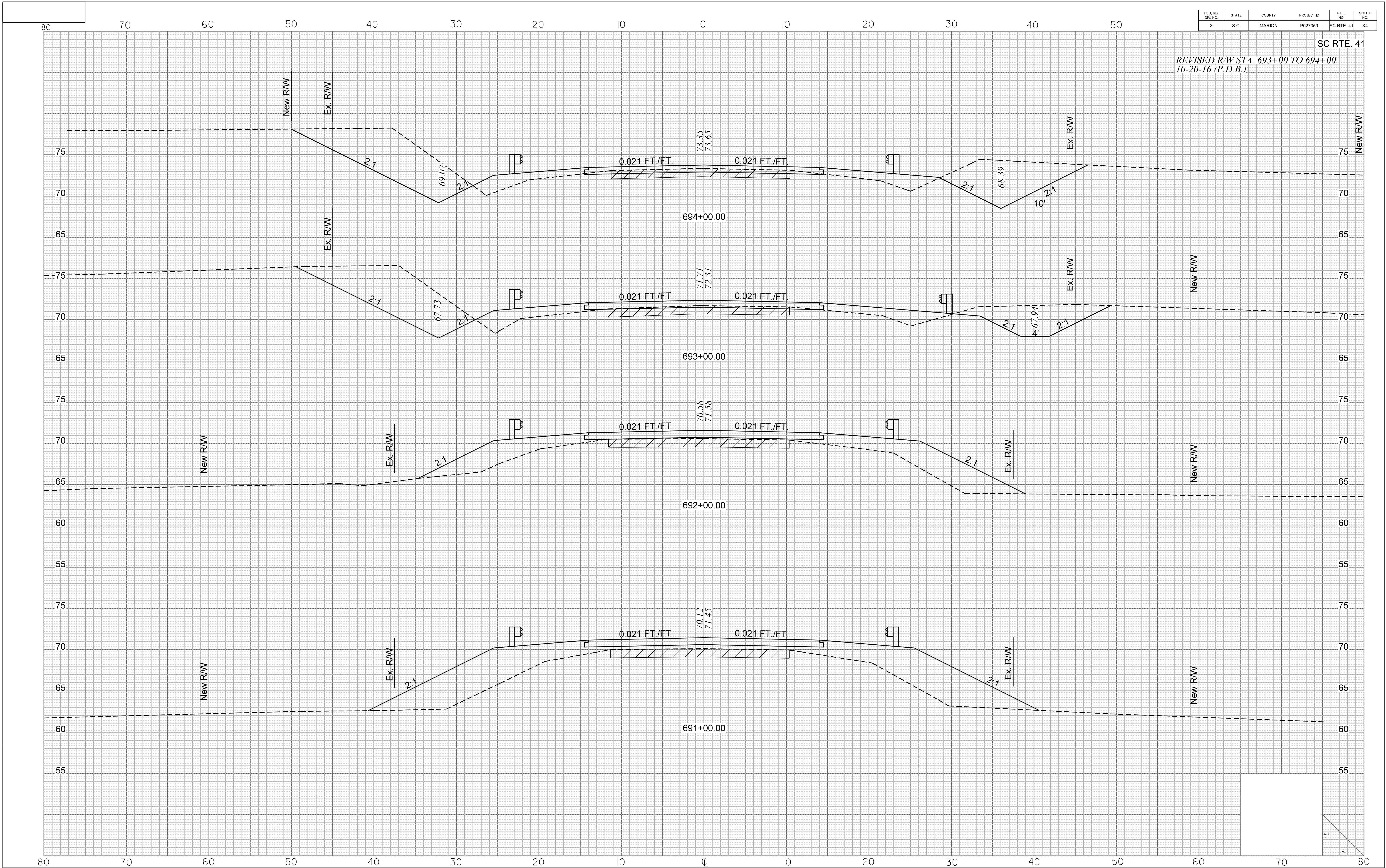


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20-OCT-2016

| FED. RD. NO. | STATE | COUNTY | PROJECT ID | RTE NO. | SHEET NO. |
|-----------------|-------|--------|------------|------------|--------------|
| 3 | S.C. | MARION | P027059 | SC RTE. 41 | X4 |

SC RTE. 41

REVISED R/W STA. 693+00 TO 694+00
10-20-16 (P.D.B.)

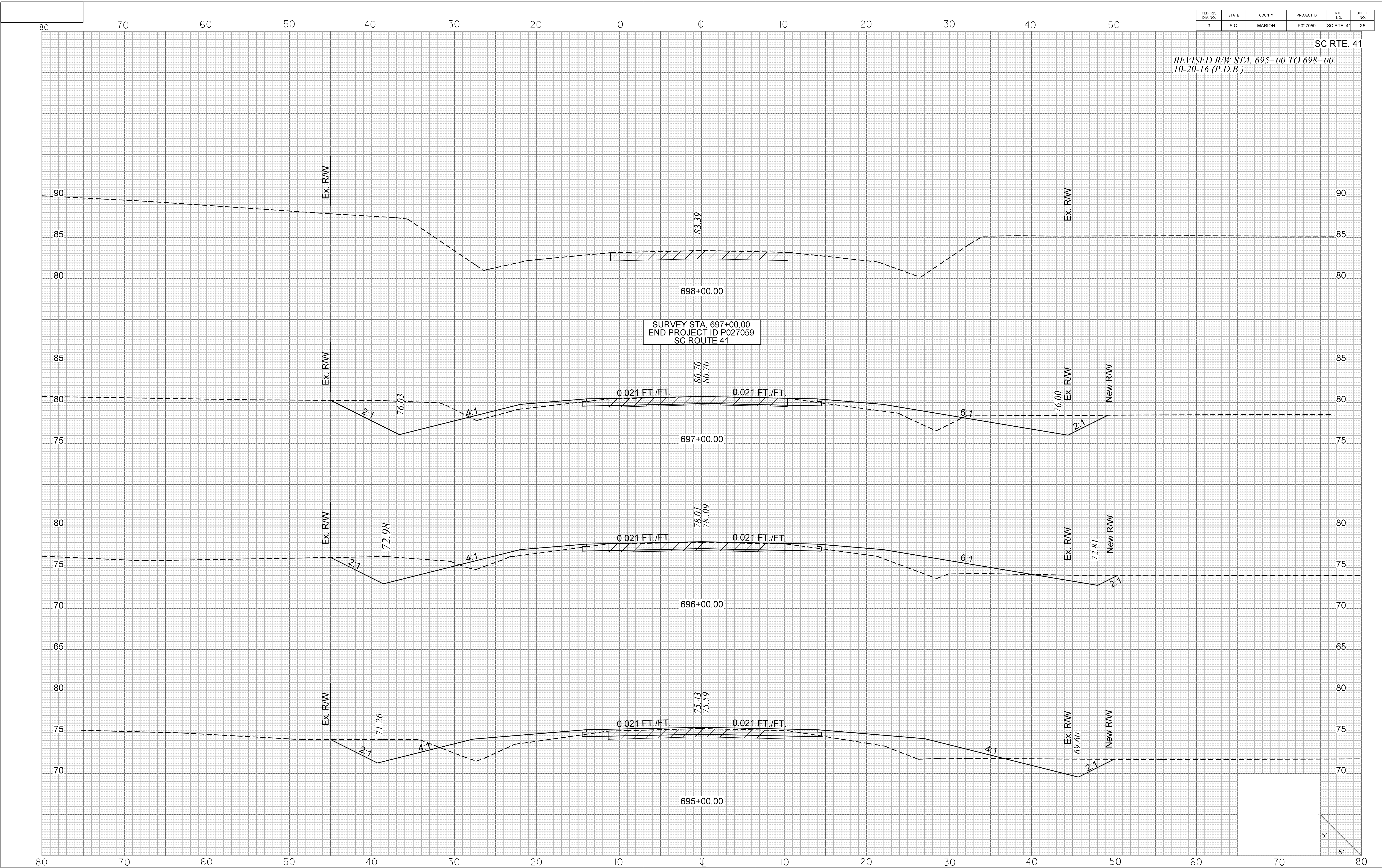


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20-OCT-2016

| FED. RD. NO. | STATE | COUNTY | PROJECT ID | RTE. NO. | SHEET NO. |
|-----------------|-------|--------|------------|-------------|--------------|
| 3 | S.C. | MARION | P027059 | SC RTE. 41 | X5 |

SC RTE. 41

REVISED R/W STA. 695+00 TO 698+00
10-20-16 (P.D.B.)



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| FED. RD. NO. | STATE | COUNTY | PROJECT ID | RTE NO. | SHEET NO. |
|-----------------|-------|--------|------------|------------|--------------|
| 3 | S.C. | MARION | P027059 | SC 41 | X6 |

MAIDEN DOWN SWAMP

FOR INFORMATION ONLY

59.18

8+50.00

58.49

8+00.00

58.72

7+50.00

58.17

7+00.00

59.35

6+50.00

58.08

6+00.00

60.88

5+50.00

5'

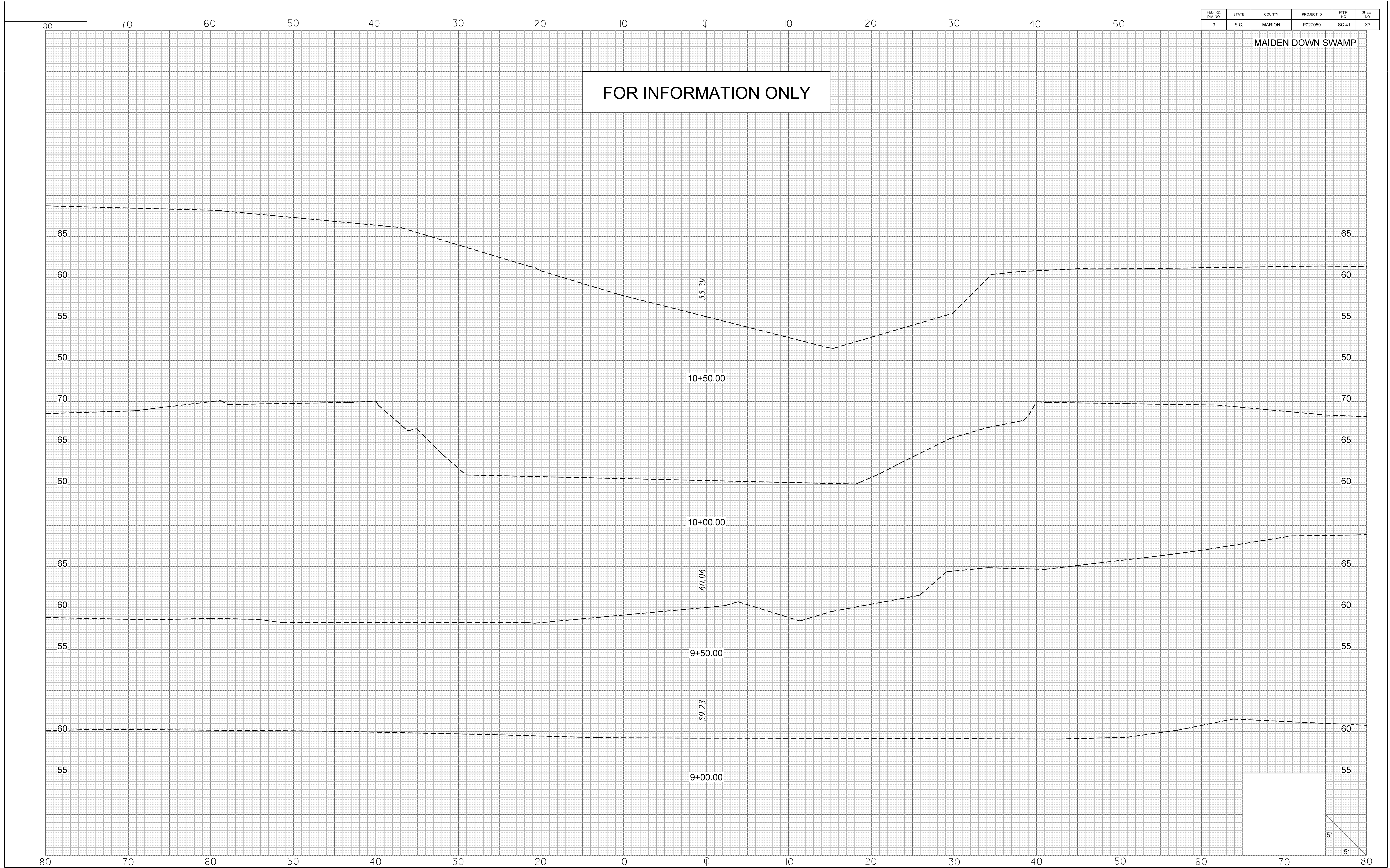
5'

martinke
P:\Marion\27059_sc41\road\creek1fx.dgn
06- JAN-2016

| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | RTE. NO. | SHEET NO. |
|----------------------|-------|--------|------------|-------------|--------------|
| 3 | S.C. | MARION | P027059 | SC 41 | X7 |

MAIDEN DOWN SWAMP

FOR INFORMATION ONLY



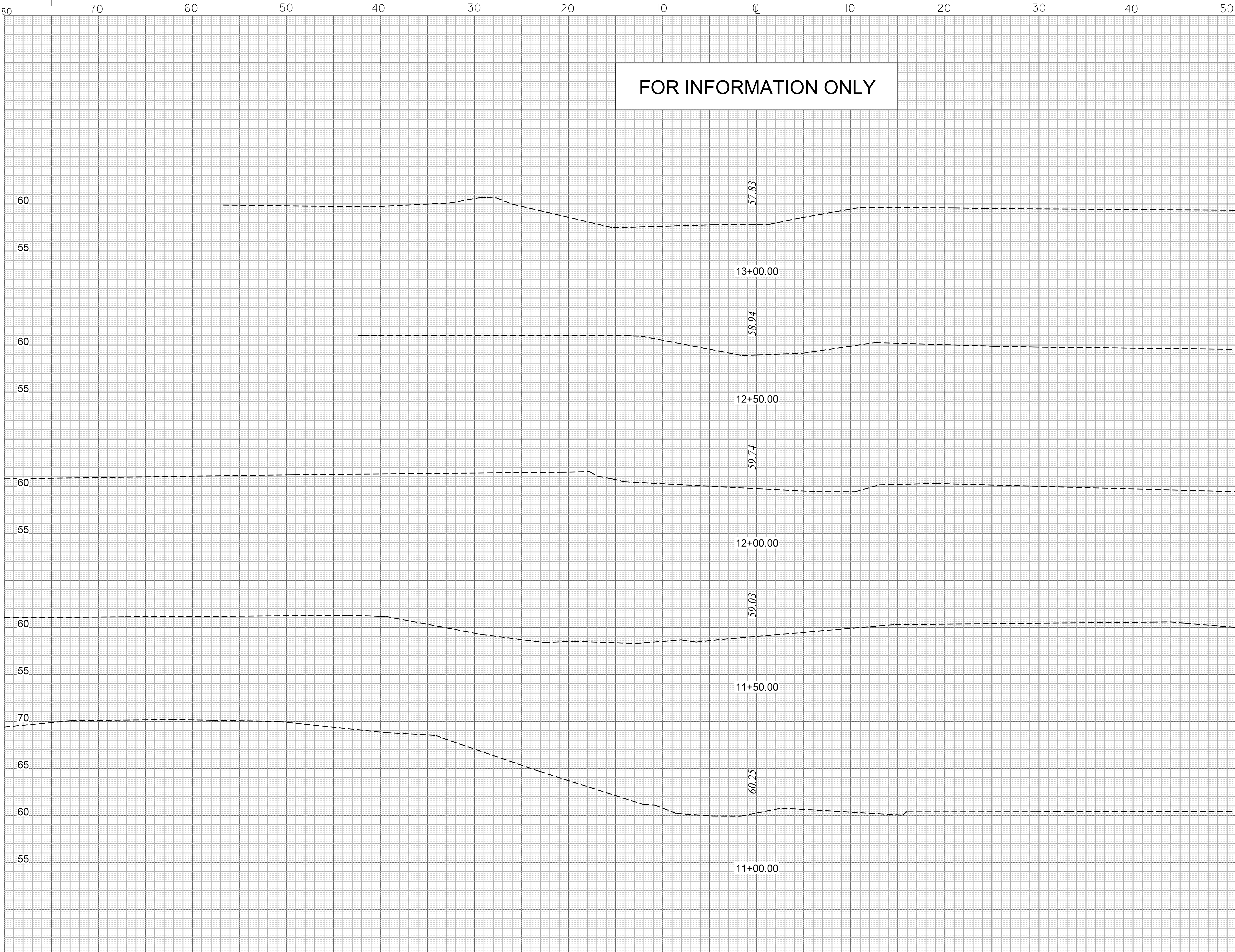
5'

5'

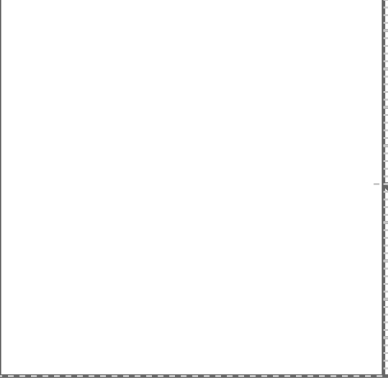
| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | RTE. NO. | SHEET NO. |
|-------------------|-------|--------|------------|----------|-----------|
| 3 | S.C. | MARION | P027059 | SC 41 | X8 |

MAIDEN DOWN SWAMP

FOR INFORMATION ONLY



martinke
P:\Marion\27059_sc41\road\creek1fx.dgn
06-JAN-2016



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06- JAN-2016

| FED. RD. DIV. NO. | STATE | COUNTY | PROJECT ID | RTE. NO. | SHEET NO. |
|----------------------|-------|--------|------------|-------------|--------------|
| 3 | S.C. | MARION | P027059 | SC 41 | X9 |

MAIDEN DOWN SWAMP

FOR INFORMATION ONLY

58.86

15+50.00

59.25

15+00.00

59.49

14+50.00

59.41

14+00.00

60.40

13+50.00

5'

5'