

CONTRACT PLANS COMPONENTS
 ROADWAY PLANS
 SIGNING AND PAVEMENT MARKING PLANS
 SIGNALIZATION PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROADWAY PLANS

FINANCIAL PROJECT ID 442884-152-01

VOLUSIA COUNTY (79080)

STATE ROAD NO. A1A

RESURFACING FROM INTERNATIONAL SPEEDWAY BOULEVARD TO MILSAP ROAD

INDEX OF ROADWAY PLANS

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DEVELOPMENTAL STANDARD PLANS:
 D520-030
 RAISED CROSSWALK

GOVERNING STANDARD PLANS:

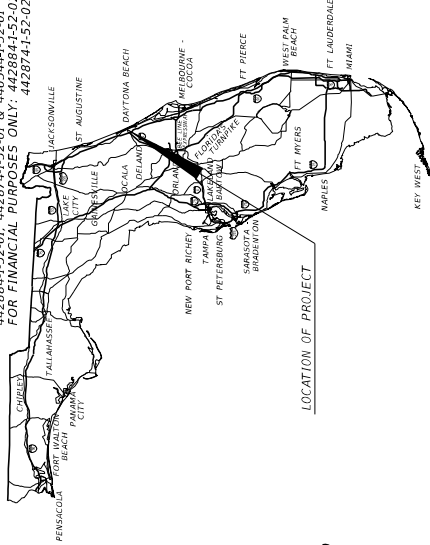
Florida Department of Transportation, FY 2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/implemented/SpecBooks>

THIS PROJECT TO BE LET TO CONTRACT
 ON 03/15/2024 AT 08:00 AM
 442884-152-01 - 442874-152-01
 FOR FINANCIAL PURPOSES ONLY: 442884-152-02,
 442874-152-02



PROJECT LOCATION URL: <https://tinyurl.com/2wpp6fuy>

PROJECT LIMITS: BEGIN MP 1.448 - END MP 5.114

EXCEPTIONS: BEGIN MP 4.142 - END MP 4.240

BRIDGE LIMITS: NONE

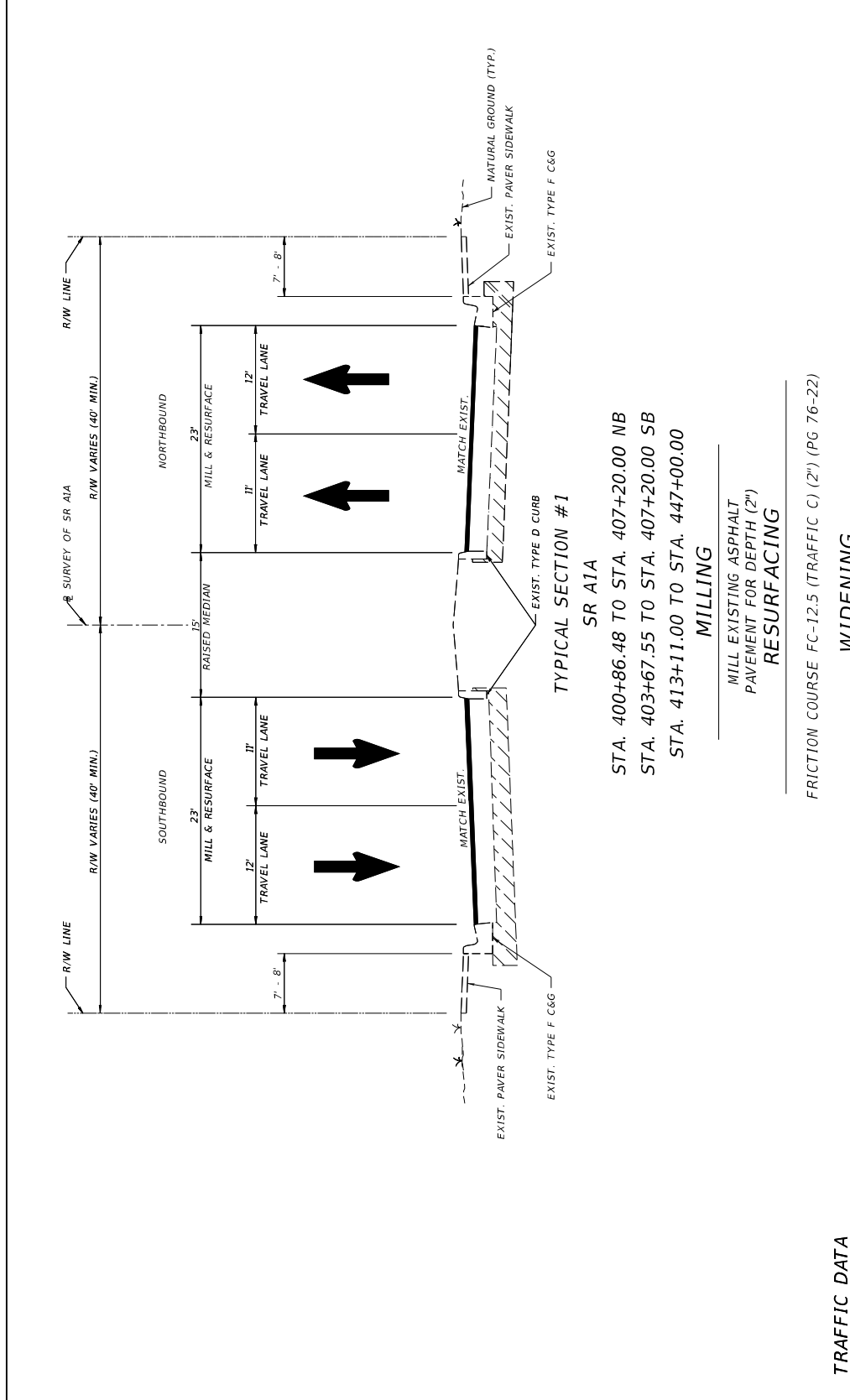
RAILROAD CROSSING: NONE

ROADWAY PLANS
 ENGINEER OF RECORD:

LORI J. TREVIRANUS, P.E.
 P.E. LICENSE NUMBER 73684
 KEITH AND ASSOCIATES, INC.
 5950 HAZELTINE NATIONAL DRIVE SUITE 660
 ORLANDO, FL 32822
 CONTRACT NO.: CAC23
 VENDOR NO.: F650806421

FDOT PROJECT MANAGER:
 MARCUS LISICKI, P.E.

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| E54B2 | 24 | 1 |



TYPICAL SECTION #1
SR A1A
 STA. 400+86.48 TO STA. 407+20.00 NB
 STA. 403+67.55 TO STA. 407+20.00 SB
 STA. 413+11.00 TO STA. 447+00.00

MILLING
 MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (2")
RESURFACING
 FRICTION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

WIDENING
 OPTIONAL BASE GROUP 11
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") AND
 FRICTION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

NOT TO SCALE

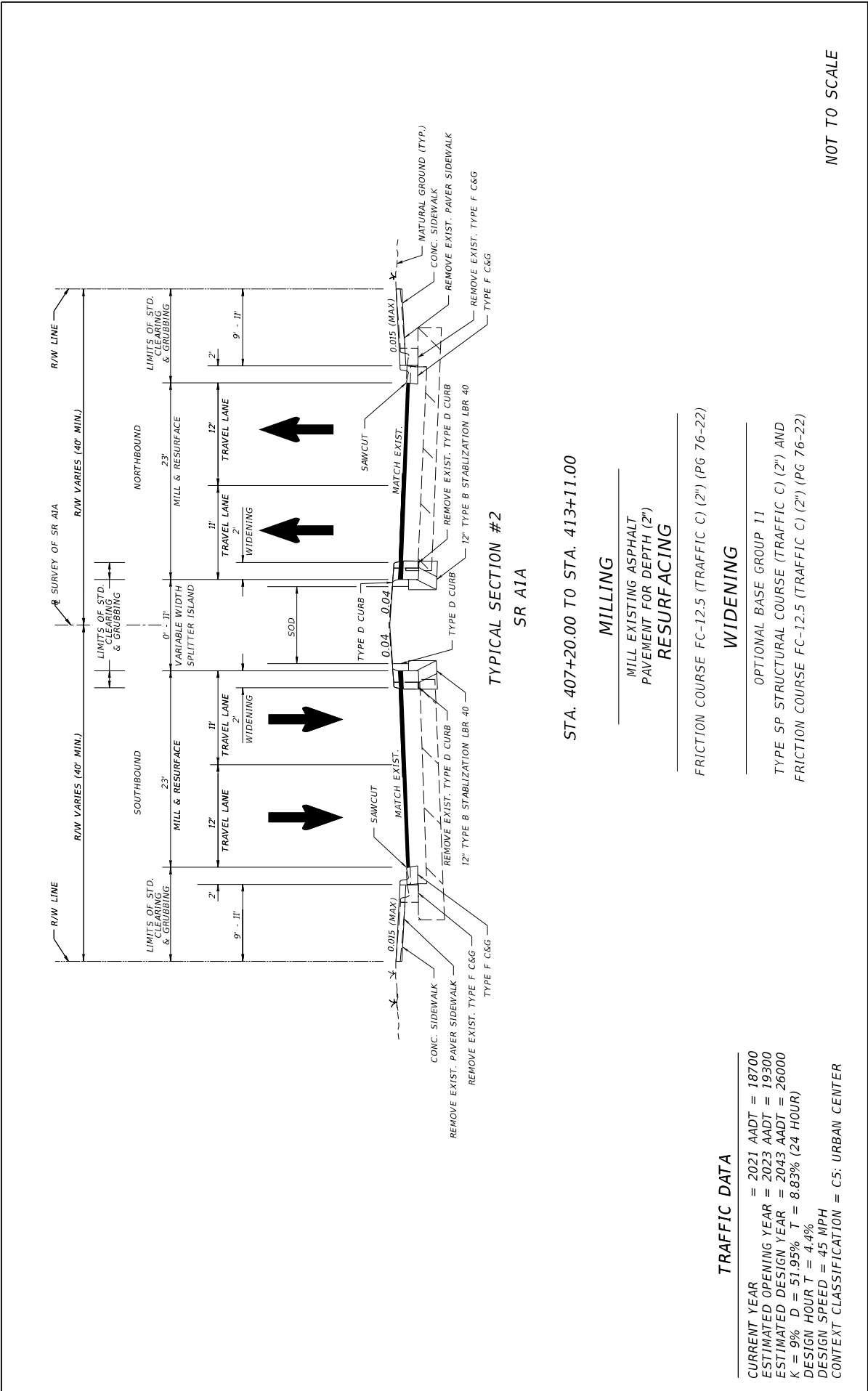
TRAFFIC DATA
 CURRENT YEAR = 2021 AADT = 18700
 ESTIMATED OPENING YEAR = 2023 AADT = 19300
 ESTIMATED DESIGN YEAR = 2043 AADT = 26000
 K = 9% D = 51.95% T = 8.83% (24 HOUR)
 DESIGN HOUR T = 4.4%
 DESIGN SPEED = 45 MPH
 CONTEXT CLASSIFICATION = C5: URBAN CENTER

| REVISIONS | | DESCRIPTION | |
|-----------|-------------|-------------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

| | | | |
|--|--|---|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. TRIVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 4428844-52-01 | |
|--|--|---|--|

TYPICAL SECTION

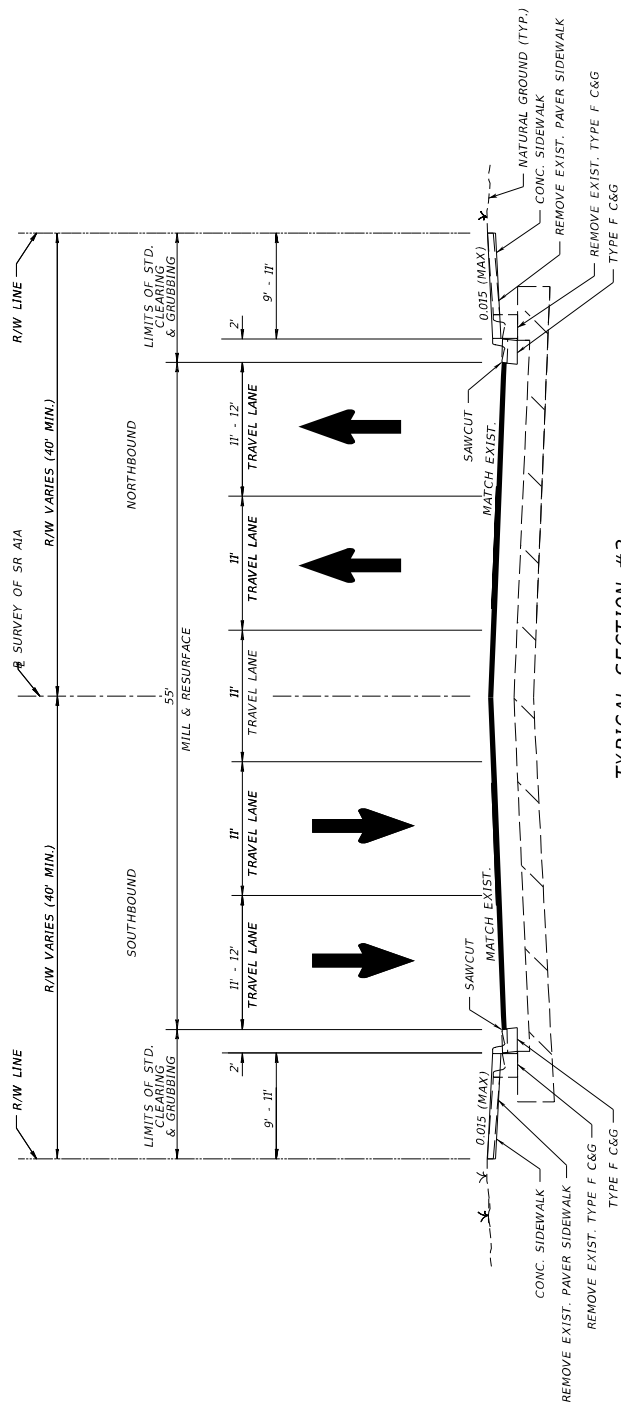
SHEET NO. 10



| DATE | DESCRIPTION | REVISIONS | DATE |
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|---|--|---|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. CIVIL ENGINEER KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884H-52-01 | |
|---|--|---|--|

| | | |
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| TYPICAL SECTION | | SHEET NO. 11 |
|------------------------|--|--------------|



TYPICAL SECTION #3
SR A1A

STA. 447+00.00 TO STA. 467+20.00

MILLING
MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (2")
RESURFACING

FRICITION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

WIDENING

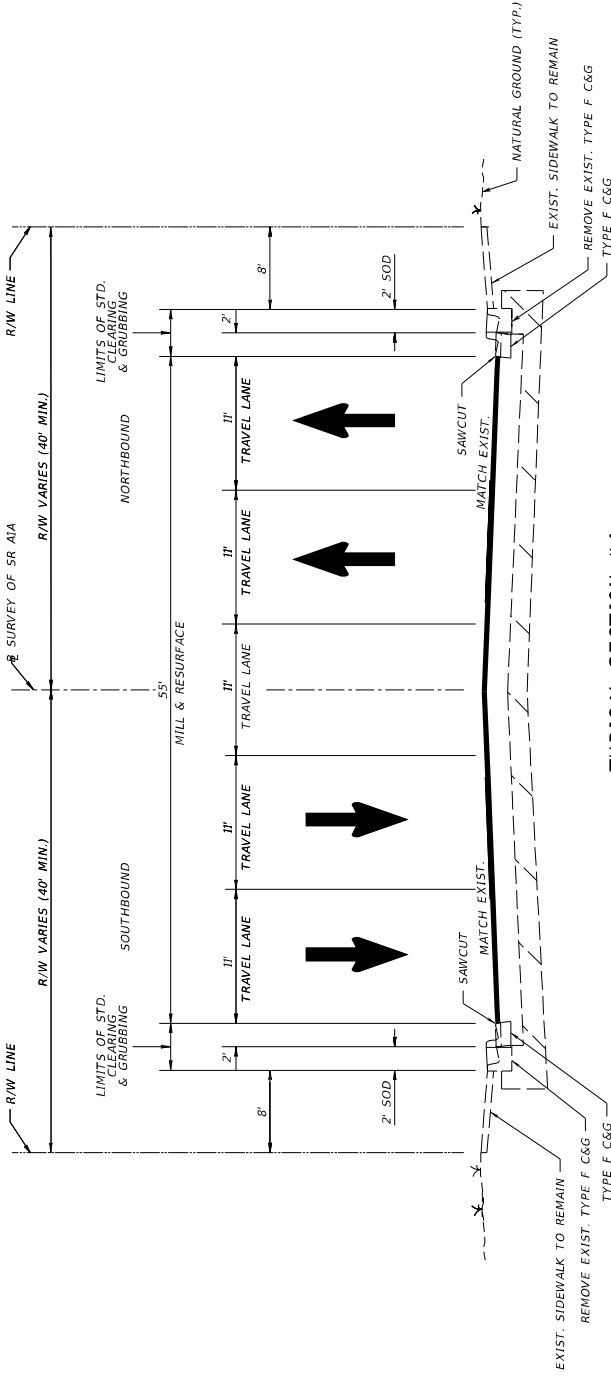
OPTIONAL BASE GROUP 11
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") AND
FRICITION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 18700
 ESTIMATED OPENING YEAR = 2023 AADT = 19300
 ESTIMATED DESIGN YEAR = 2043 AADT = 26000
 K = 9% D = 51.95% T = 8.83% (24 HOUR)
 DESIGN HOUR T = 4.4%
 DESIGN SPEED = 45 MPH
 CONTEXT CLASSIFICATION = C4: URBAN GENERAL

NOT TO SCALE

| | | | | | |
|--|--|-------------|--|---|----|
| DATE | | DESCRIPTION | | REVISIONS | |
| | | | | | |
| ENGINEER OF RECORD LORI J. REVIRANUS, P.E. CIVIL ENGINEER KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 4428844-52-01 | |
| TYPICAL SECTION | | | | | |
| SHEET NO. | | | | | 12 |



TYPICAL SECTION #4
SR A1A

STA. 467+20.00 TO STA. 477+80.00

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (2")
RESURFACING

FRICITION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

WIDENING

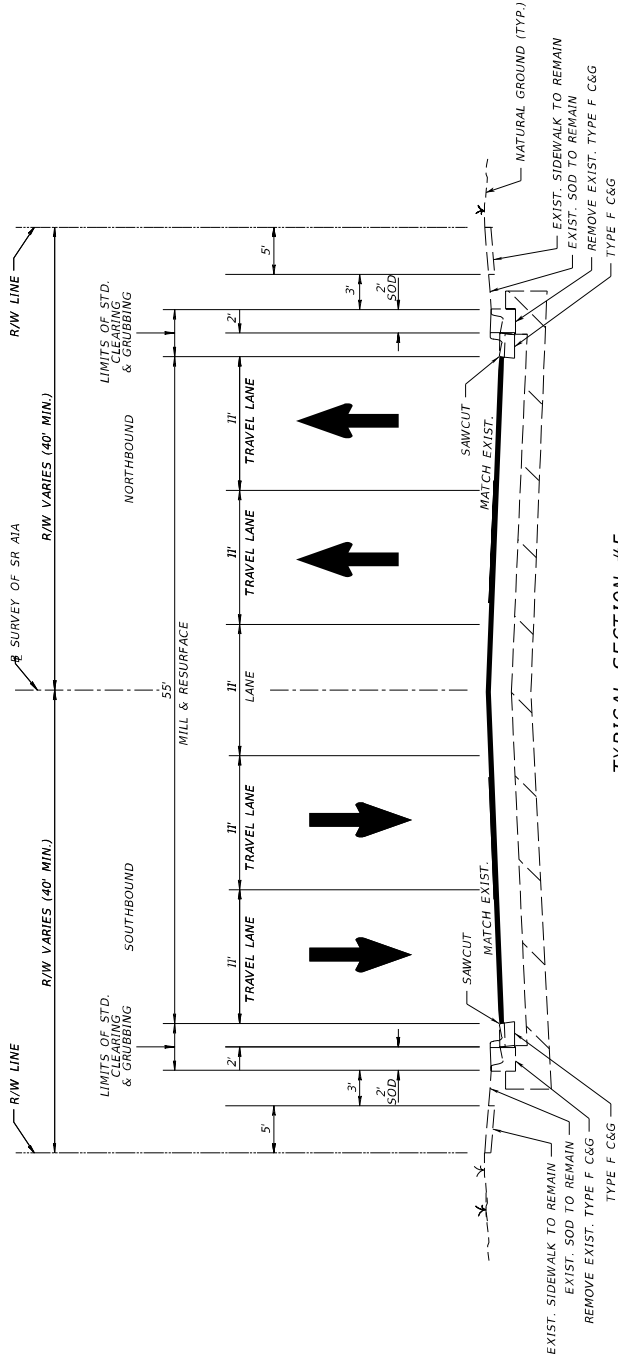
OPTIONAL BASE GROUP 11
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") AND
FRICITION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 18700
ESTIMATED OPENING YEAR = 2023 AADT = 19300
ESTIMATED DESIGN YEAR = 2043 AADT = 26000
K = 9% D = 51.95% T = 8.83% (24 HOUR)
DESIGN HOUR T = 4.4%
DESIGN SPEED = 45 MPH
CONTEXT CLASSIFICATION = C4: URBAN GENERAL

NOT TO SCALE

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| DATE | | DESCRIPTION | | REVISIONS | | DESCRIPTION | | ENGINEER OF RECORD | | STATE OF FLORIDA | | SHEET NO. | |
| | | | | | | | | LORI J. TRIVIRANUS, P.E. LORI J. TRIVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION | | 13 | |
| | | | | | | | | | | COUNTY | | TYPICAL SECTION | |
| | | | | | | SR A1A | | VOLUSTA | | FINANCIAL PROJECT ID | | | |
| | | | | | | 4428844-52-01 | | | | | | | |



TYPICAL SECTION #5
SR A1A

STA. 477+80.00 TO STA. 480+34.00

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (2")
RESURFACING

FRICITION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

WIDENING

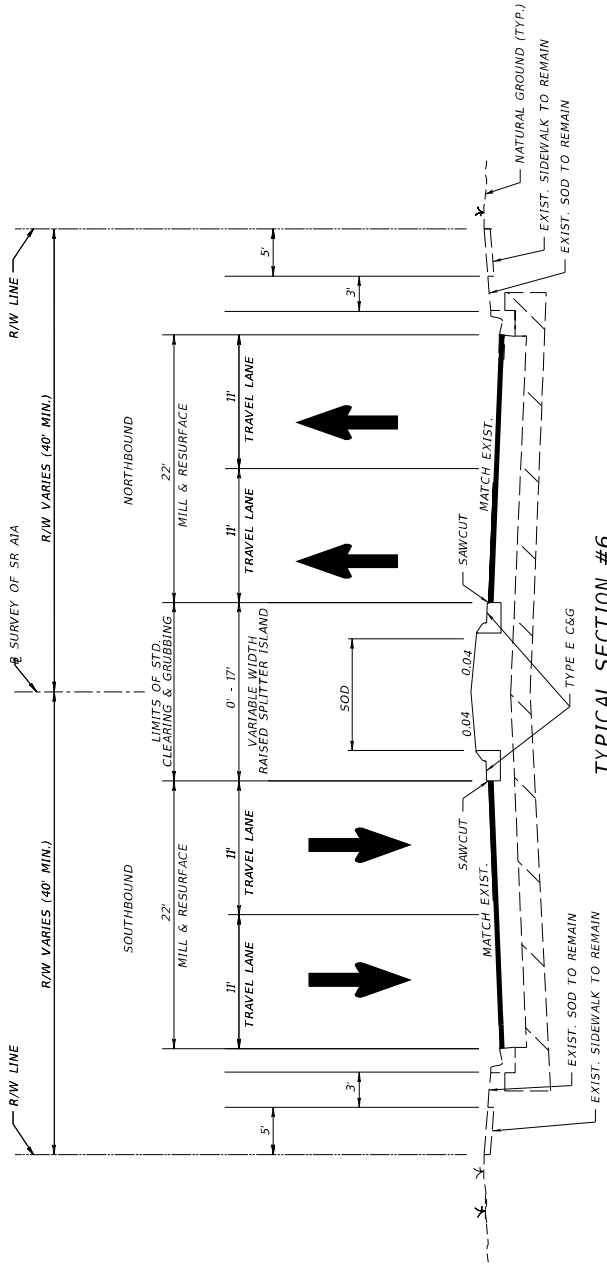
OPTIONAL BASE GROUP 11
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2") AND
FRICITION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 18700
ESTIMATED OPENING YEAR = 2023 AADT = 19300
ESTIMATED DESIGN YEAR = 2043 AADT = 26000
K = 9% D = 51.95% T = 8.83% (24 HOUR)
DESIGN HOUR T = 4.4%
DESIGN SPEED = 45 MPH
CONTEXT CLASSIFICATION = C4: URBAN GENERAL

NOT TO SCALE

| | | | | | | | | | | | | | |
|------|--|-------------|--|-----------|--|--|--|------------------------------|--|------------------|--|----------------------|--|
| DATE | | DESCRIPTION | | REVISIONS | | DESCRIPTION | | ENGINEER OF RECORD | | STATE OF FLORIDA | | SHEET NO. | |
| | | | | | | LORI J. TRIVIRANUS, P.E. CIVIL ENGINEER KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION | | TYPICAL SECTION | | 14 | |
| | | | | | | SR A1A | | ROAD NO. | | COUNTY | | FINANCIAL PROJECT ID | |
| | | | | | | VOLUSTA | | 4428844-52-01 | | | | | |



TWO WAY LEFT TURN LANE TO REMAIN

- STA. 486+04.25 TO STA. 488+55.72
- STA. 498+43.75 TO STA. 500+04.25
- STA. 502+00.06 TO STA. 503+55.84
- STA. 511+29.38 TO STA. 514.59.76
- STA. 515+70.13 TO STA. 517+48.18

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 18700
 ESTIMATED OPENING YEAR = 2023 AADT = 19300
 ESTIMATED DESIGN YEAR = 2043 AADT = 26000
 K = 9% D = 51.95% T = 8.83% (24 HOUR)
 DESIGN HOUR T = 4.4%
 DESIGN SPEED = 45 MPH STA. 480+34.00 TO STA. 542+19.04
 DESIGN SPEED = 40 MPH STA. 542+19.04 TO STA 4+00.00
 CONTEXT CLASSIFICATION = C4: URBAN GENERAL STA. 480+34.00 TO STA. 542+19.04
 CONTEXT CLASSIFICATION = C3C SUBURBAN COMMERCIAL STA. 542+19.04 TO STA 4+00.00

TYPICAL SECTION #6

SR A1A

- STA. 480+34.00 TO STA. 543+88.27
- STA. 549+05.42 TO STA. 4+00.00

MILLING

MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (2")
RESURFACING

FRICITION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)

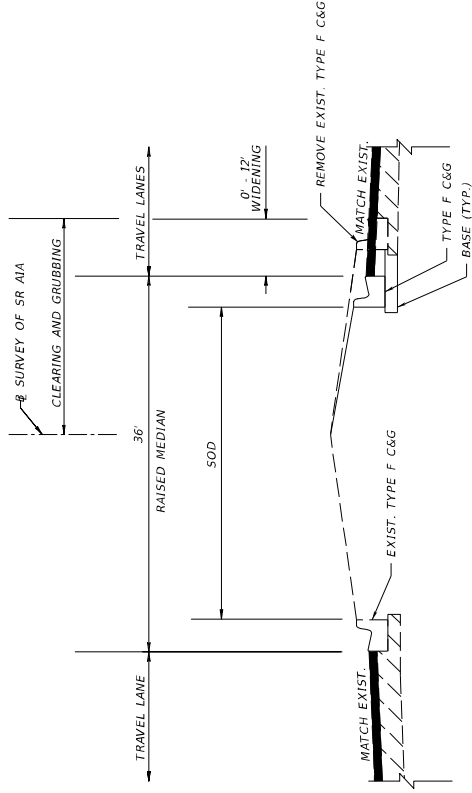
NOTE:
 SEE TYPICAL SECTION DETAIL
 FOR OUTSIDE EOP HORIZONTAL
 DEFLECTION DETAILS

NOT TO SCALE

| REVISIONS | | DESCRIPTION | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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|---------------------------------------|--|------------------------------|---------------|
| ENGINEER OF RECORD | | STATE OF FLORIDA | |
| LORI J. TRIVIRANUS, P.E. | | DEPARTMENT OF TRANSPORTATION | |
| KEITH AND ASSOCIATES, INC. | | ROAD NO. | COUNTY |
| 5950 HAZELTINE NATIONAL DR, SUITE 660 | | SR A1A | VOLUSTA |
| ORLANDO, FL 32822 | | FINANCIAL PROJECT ID | 4428844-52-01 |

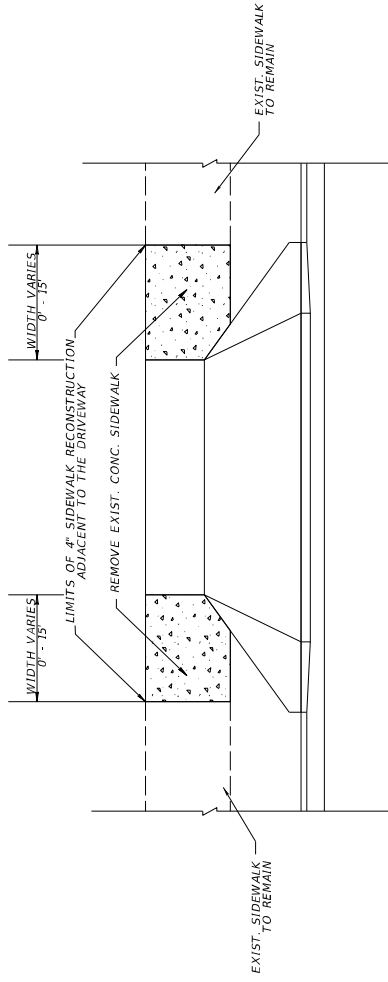
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| TYPICAL SECTION | | SHEET NO. |
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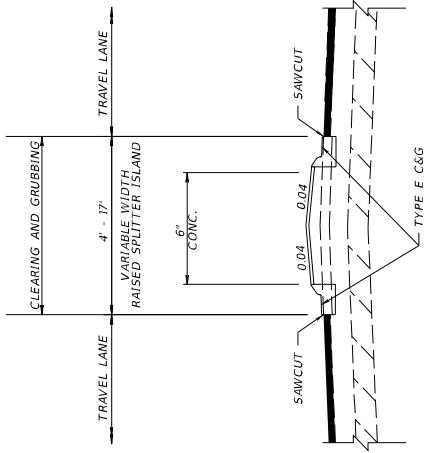
STA 18+91.83 TO 20+66.13 NB

WIDENING

OPTIONAL BASE GROUP 11
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
 FRICTION COURSE FC-12.5 (TRAFFIC C) (2") (PG 76-22)



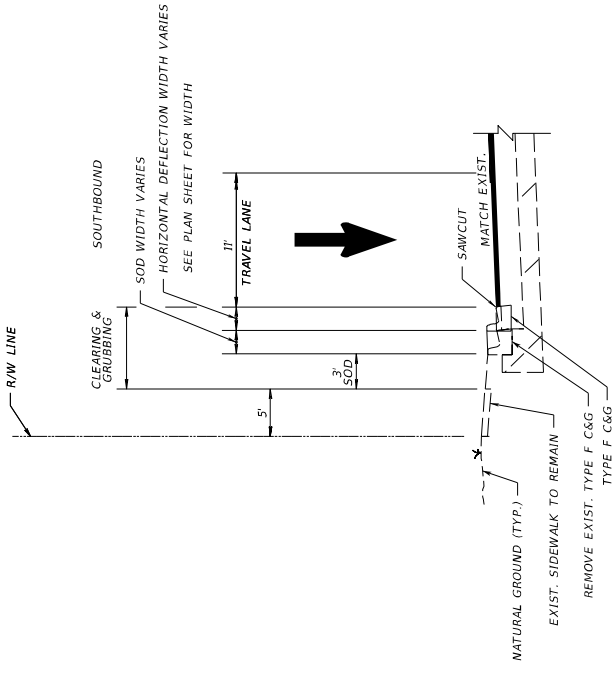
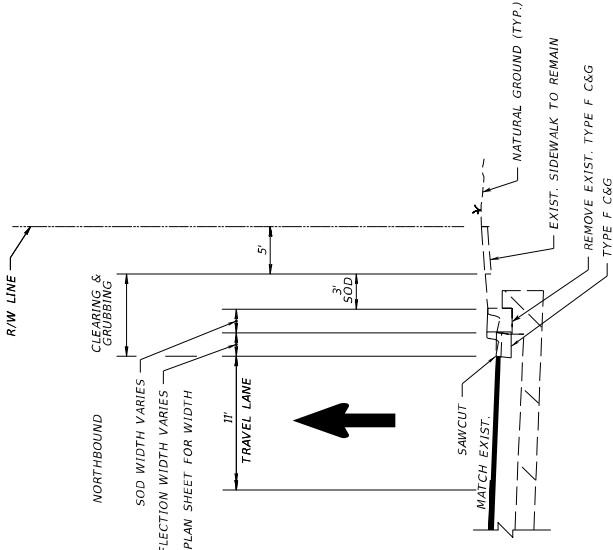
TYPICAL DRIVEWAY RECONSTRUCTION PER STANDARD INDEX 522-03
 NOT TO SCALE



- STA. 449+49.23 TO STA. 450+37.21
- STA. 456+11.39 TO STA. 456+50.48
- STA. 458+28.32 TO STA. 458+67.41
- STA. 462+48.38 TO STA. 462+87.47
- STA. 464+94.51 TO STA. 467+03.87
- STA. 469+13.40 TO STA. 469+52.49
- STA. 477+74.51 TO STA. 478+36.01

SPLITTER ISLAND DETAIL

| REVISIONS | | ENGINEER OF RECORD | | STATE OF FLORIDA | | SHEET NO. | |
|-----------|-------------|--|------|------------------------------|----------|-------------------------|-----|
| DATE | DESCRIPTION | NAME | DATE | DEPARTMENT OF TRANSPORTATION | ROAD NO. | COUNTY | NO. |
| | | LORI J. REVIRANUS, P.E. | | 442884-H-52-01 | SR A1A | VOLUSIA | 17 |
| | | KETH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | FINANCIAL PROJECT ID | | TYPICAL SECTION DETAILS | |



- STA. 483+06.60 TO STA. 485+93.19
- STA. 497+56.86 TO STA. 504+44.73
- STA. 510+57.26 TO STA. 519+09.03
- STA. 526+70.96 TO STA. 529+22.62
- STA. 536+49.55 TO STA. 539+04.50

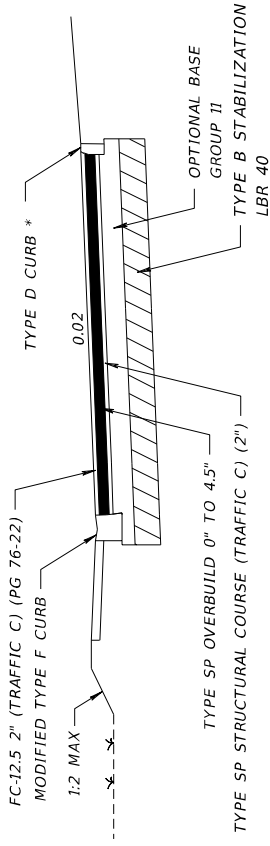
- STA. 482+91.60 TO STA. 485+80.58
- STA. 497+59.52 TO STA. 505+61.55
- STA. 511+14.04 TO STA. 518+78.35
- STA. 533+32.83 TO STA. 535+96.48

OUTSIDE EOP HORIZONTAL DEFLECTION TYPICAL SECTION DETAILS

NOT TO SCALE

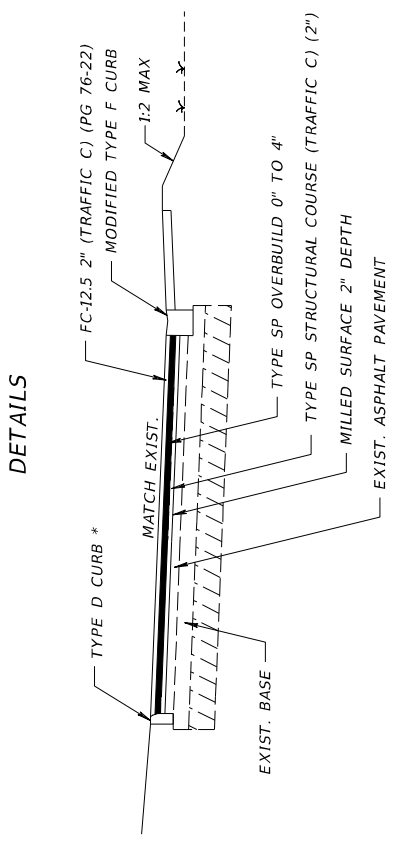
| REVISIONS | | DESCRIPTION | |
|-----------|-------------|-------------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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|---|--|--|--|
| ENGINEER OF RECORD LORI J. REVIRIANNIS, P.E. LORIS INC. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-I-52-01 | |
| TYPICAL SECTION DETAILS | | SHEET NO. 18 | |



RAISED INTERSECTION AND RAISED CROSSWALK OVERBUILD AND FULL DEPTH WIDENING (SOUTHBOUND SHOWN, MIRROR FOR NORTHBOUND)

* SEE TYPE E CONFIGURATION IN REMAINING TYPICAL SECTION DETAILS



RAISED INTERSECTION AND RAISED CROSSWALK OVERBUILD AND RESURFACING DETAIL (NORTHBOUND SHOWN, MIRROR FOR SOUTHBOUND)

* SEE RAISED CROSSWALK WITH TYPE E CURB & GUTTER IN THE MEDIAN ON TYPICAL SECTION DETAILS

RAISED INTERSECTION OVERBUILD DETAILS

| Location | Grade | Begin Sta /Off-set | End Sta /Off-set | Average Width (ft) | Area (ft2) | Area (yd2) |
|----------------------------|---------|--------------------|------------------|--------------------|------------|------------|
| Intersection (Harvey Ave.) | Incline | 412+06.30 | 412+12.30 | 57.0 | 342.0 | 38.0 |
| | Flat | 412+12.30 | 413+07.49 | 58.9 | 5606.7 | 623.0 |
| Full Depth Widening | Decline | 413+07.49 | 413+13.49 | 60.9 | 365.4 | 40.6 |
| | Incline | 413+13.49 | 413+19.49 | 62.9 | 163.4 | 18.2 |
| West Side Street | Flat | 46.89' LT | 29.44' LT | 42.2 | 736.4 | 81.8 |
| | Flat | 29.44' RT | 51.89' RT | 39.2 | 879.6 | 97.7 |
| East Side Street | Incline | 51.89' RT | 57.89' RT | 26.0 | 156.0 | 17.3 |

| Location | Grade | Begin Sta /Off-set | End Sta /Off-set | Average Width (ft) | Area (ft2) | Area (yd2) |
|-------------------------|---------|--------------------|------------------|--------------------|------------|------------|
| Intersection (Main St.) | Incline | 418+41.50 | 418+47.50 | 60.7 | 364.2 | 40.5 |
| | Flat | 418+47.50 | 419+38.57 | 60.7 | 5527.9 | 614.2 |
| Full Depth Widening | Decline | 419+38.57 | 419+44.57 | 60.8 | 364.8 | 40.5 |
| | Incline | 419+44.57 | 419+50.57 | 60.8 | 130.8 | 14.5 |
| West Side Street | Flat | 46.52' LT | 30.36' LT | 34.2 | 552.7 | 61.4 |
| | Flat | 30.36' RT | 47.19' RT | 30.6 | 516.8 | 57.4 |
| East Side Street | Incline | 47.19' RT | 53.19' RT | 18.3 | 109.8 | 12.2 |

| Location | Grade | Begin Sta /Off-set | End Sta /Off-set | Average Width (ft) | Area (ft2) | Area (yd2) |
|--------------------------------|---------|--------------------|------------------|--------------------|------------|------------|
| Intersection (Auditorium Blvd) | Incline | 424+66.23 | 424+72.23 | 60.7 | 364.2 | 40.5 |
| | Flat | 424+72.23 | 425+60.90 | 60.5 | 5364.5 | 596.1 |
| Full Depth Widening | Decline | 425+60.90 | 425+66.90 | 60.6 | 363.6 | 40.4 |
| | Incline | 425+66.90 | 425+72.90 | 60.6 | 212.4 | 23.6 |
| West Side Street | Flat | 59.31' LT | 53.31' LT | 35.4 | 1082.9 | 120.3 |
| | Flat | 53.31' RT | 30.56' RT | 47.6 | 792.3 | 88.0 |
| East Side Street | Incline | 29.94' RT | 53.04' RT | 34.3 | 159.0 | 17.7 |

| Location | Grade | Begin Sta /Off-set | End Sta /Off-set | Average Width (ft) | Area (ft2) | Area (yd2) |
|-------------------------------|---------|--------------------|------------------|--------------------|------------|------------|
| Intersection (Oakridge Blvd.) | Incline | 446+98.50 | 447+04.01 | 62.8 | 346.0 | 38.4 |
| | Flat | 447+04.01 | 447+84.43 | 58.8 | 4728.7 | 525.4 |
| Full Depth Widening | Decline | 447+84.43 | 447+90.43 | 56.0 | 336.0 | 37.3 |
| | Incline | 447+90.43 | 447+96.43 | 56.0 | 196.2 | 21.8 |
| West Side Street | Flat | 50.10' LT | 29.21' LT | 39.2 | 819.3 | 91.0 |
| | Flat | 29.21' RT | 42.31' RT | 39.1 | 511.8 | 56.9 |
| East Side Street | Incline | 42.31' RT | 48.31' RT | 32.1 | 192.6 | 21.4 |

| | | | |
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| DATE | REVISIONS | ENGINEER OF RECORD | SHEET NO. |
| | | LORI J. REVIRANUS, P.E. LORI J. REVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | 19 |
| DESCRIPTION | DATE | DEPARTMENT OF TRANSPORTATION | TYPICAL SECTION DETAILS |
| | | ROAD NO. COUNTY FINANCIAL PROJECT ID SR A1A VOLUSIA 442884-I-52-01 | |

RAISED INTERSECTION OVERBUILD DETAILS (CONT'D.)

| Location | Grade | Begin Sta / Offset | End Sta / Offset | Average Width (ft) | Area (ft ²) | Area (Wd ²) |
|---|---------|--------------------|------------------|--------------------|-------------------------|-------------------------|
| Intersection (Seabreeze Blvd) Full Depth Widening | Incline | 453+39.14 | 453+45.14 | 56.0 | 336.0 | 37.3 |
| | Flat | 453+45.14 | 454+48.99 | 55.5 | 5763.7 | 640.4 |
| | Decline | 454+48.99 | 454+54.99 | 55.0 | 330.0 | 36.7 |
| West Side Street | Incline | 55.37' LT | 49.37' LT | 39.3 | 235.8 | 26.2 |
| | Flat | 49.37' LT | 27.53' LT | 53.1 | 1159.7 | 128.9 |
| East Side Street | Flat | 28.00' RT | 47.04' RT | 45.5 | 866.3 | 96.3 |
| | Incline | 47.04' RT | 53.04' RT | 31.8 | 190.8 | 21.2 |

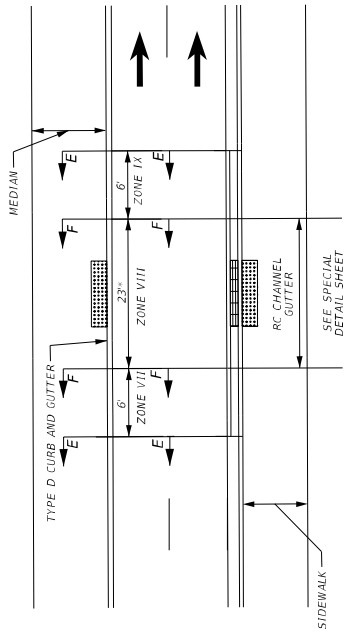
| Location | Grade | Begin Sta / Offset | End Sta / Offset | Average Width (ft) | Area (ft ²) | Area (Wd ²) |
|--------------------------------|---------|--------------------|------------------|--------------------|-------------------------|-------------------------|
| Intersection (University Blvd) | Incline | 479+92.42 | 479+98.42 | 58.0 | 348.0 | 38.7 |
| | Flat | 479+98.42 | 480+73.57 | 59.6 | 4478.9 | 497.7 |
| | Decline | 480+73.57 | 480+79.57 | 61.2 | 367.2 | 40.8 |
| West Side Street | Incline | 53.34' LT | 47.34' LT | 36.4 | 218.4 | 24.3 |
| | Flat | 47.34' LT | 28.91' LT | 51.0 | 939.9 | 104.4 |
| East Side Street | Flat | 30.69' RT | 45.82' RT | 46.1 | 698.0 | 77.6 |
| | Incline | 45.82' RT | 51.82' RT | 38.3 | 229.8 | 25.5 |

| Location | Grade | Begin Sta / Offset | End Sta / Offset | Average Width (ft) | Area (ft ²) | Area (Wd ²) |
|----------------------------|---------|--------------------|------------------|--------------------|-------------------------|-------------------------|
| Intersection (Seaview Ave) | Incline | 520+37.17 | 520+63.17 | 61.3 | 367.8 | 40.9 |
| | Flat | 520+63.17 | 521+71.87 | 61.0 | 6630.7 | 736.7 |
| | Decline | 521+71.87 | 521+77.87 | 61.1 | 366.6 | 40.7 |
| West Side Street | Incline | 72.80' LT | 67.19' LT | 27.6 | 154.8 | 17.2 |
| | Flat | 67.19' LT | 30.55' LT | 36.0 | 1319.0 | 146.6 |
| East Side Street | Flat | 30.53' RT | 43.36' RT | 36.4 | 467.0 | 51.9 |
| | Incline | 43.36' RT | 49.36' RT | 22.7 | 136.3 | 15.1 |

RAISED CROSSWALK OVERBUILD DETAILS

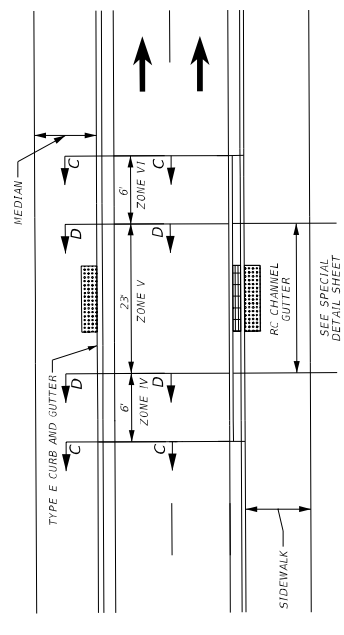
| Location | Grade | Begin Sta/Offset | End Sta/Offset | Average Width (ft) | Area (ft ²) | Area (Wd ²) |
|------------------------------------|---------|------------------|----------------|--------------------|-------------------------|-------------------------|
| Raised Crosswalk 1 Sta. 404+71.35 | Incline | 404+53.85 | 404+59.85 | 45.8 | 274.8 | 30.5 |
| | Flat | 404+59.85 | 404+82.85 | 45.8 | 1053.4 | 117.0 |
| | Decline | 404+82.85 | 404+88.85 | 45.8 | 274.8 | 30.5 |
| Raised Crosswalk 2 Sta. 409+20.00 | Incline | 407+52.86 | 407+59.24 | 46.0 | 276.0 | 30.7 |
| | Flat | 407+59.24 | 407+79.24 | 46.0 | 920.0 | 102.2 |
| | Decline | 407+79.24 | 407+85.24 | 46.0 | 276.0 | 30.7 |
| Raised Crosswalk 3 Sta. 421+92.50 | Flat | 421+81.00 | 421+81.00 | 45.7 | 277.2 | 30.8 |
| | Incline | 422+04.00 | 422+10.00 | 45.7 | 1062.6 | 118.1 |
| | Decline | 422+10.00 | 428+35.23 | 45.7 | 277.2 | 30.8 |
| Raised Crosswalk 4 Sta. 429+46.73 | Incline | 428+29.23 | 428+35.23 | 45.7 | 274.2 | 30.5 |
| | Flat | 428+35.23 | 428+64.23 | 45.6 | 1048.8 | 116.5 |
| | Decline | 428+64.23 | 428+64.23 | 45.6 | 273.0 | 30.3 |
| Raised Crosswalk 5 Sta. 434+20.38 | Incline | 434+02.88 | 434+08.88 | 45.5 | 273.0 | 30.3 |
| | Flat | 434+08.88 | 434+31.88 | 45.6 | 1048.8 | 116.5 |
| | Decline | 434+31.88 | 434+37.88 | 45.6 | 273.6 | 30.4 |
| Raised Crosswalk 6 Sta. 441+49.56 | Incline | 441+37.84 | 441+43.84 | 45.5 | 1046.5 | 116.3 |
| | Flat | 441+43.84 | 441+66.84 | 45.5 | 273.0 | 30.3 |
| | Decline | 441+66.84 | 490+07.07 | 44.3 | 265.8 | 29.5 |
| Raised Crosswalk 7 Sta. 490+18.57 | Incline | 490+01.07 | 490+07.07 | 44.3 | 1018.9 | 113.2 |
| | Flat | 490+07.07 | 490+36.07 | 44.3 | 265.8 | 29.5 |
| | Decline | 490+36.07 | 490+36.07 | 44.3 | 264.0 | 29.3 |
| Raised Crosswalk 8 Sta. 507+25.03 | Incline | 507+07.53 | 507+13.53 | 44.0 | 1014.3 | 112.7 |
| | Flat | 507+13.53 | 507+36.53 | 44.1 | 264.6 | 29.4 |
| | Decline | 507+36.53 | 507+42.53 | 44.1 | 264.6 | 29.4 |
| Raised Crosswalk 9 Sta. 531+76.64 | Incline | 531+59.14 | 531+65.14 | 44.1 | 1014.3 | 112.7 |
| | Flat | 531+65.14 | 531+88.14 | 44.1 | 265.2 | 29.4 |
| | Decline | 531+88.14 | 531+94.14 | 44.2 | 264.6 | 29.4 |
| Raised Crosswalk 10 Sta. 540+73.90 | Incline | 540+36.40 | 540+62.40 | 43.9 | 1009.7 | 112.2 |
| | Flat | 540+62.40 | 540+85.40 | 43.9 | 264.6 | 29.4 |
| | Decline | 540+85.40 | 540+91.40 | 44.1 | 264.6 | 29.4 |

| | | | | |
|--|--------------------|-------------------------------------|---------------|--------------------------------|
| ENGINEER OF RECORD | | STATE OF FLORIDA | | SHEET NO. |
| LORI J. REVIRANUS, P.E. LORI J. REVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION | | 20 |
| REVISIONS | | FINANCIAL PROJECT ID | | TYPICAL SECTION DETAILS |
| DATE | DESCRIPTION | ROAD NO. | COUNTY | SR A/A |
| | | 442884-152-01 | VOLUSIA | 442884-152-01 |



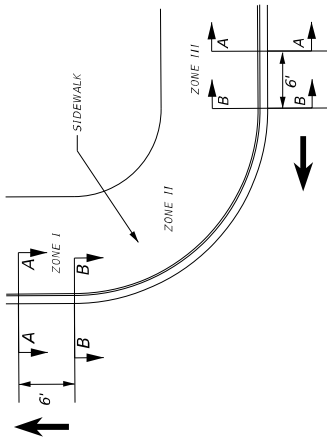
RAISED CROSSWALK WITH TYPE D CURB & GUTTER IN THE MEDIAN

ZONE VII: TRANSITION FROM SECTION E-E TO SECTION F-F.
 ZONE VIII: MAINTAIN SECTION F-F.
 ZONE IX: TRANSITION FROM SECTION F-F TO SECTION E-E.



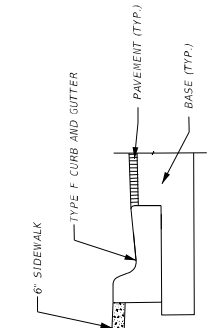
RAISED CROSSWALK WITH TYPE E CURB & GUTTER IN THE MEDIAN

ZONE IV: TRANSITION FROM SECTION C-C TO SECTION D-D.
 ZONE V: MAINTAIN SECTION D-D.
 ZONE VI: TRANSITION FROM SECTION D-D TO SECTION C-C.

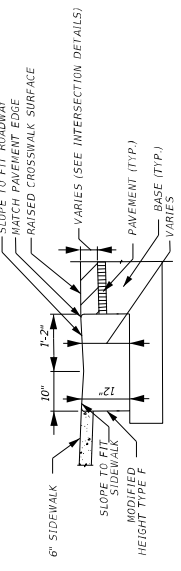


RAISED INTERSECTION RADIAL RETURNS

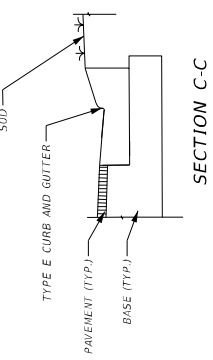
ZONE I: TRANSITION FROM SECTION A-A TO SECTION B-B.
 ZONE II: MAINTAIN SECTION B-B.
 ZONE III: TRANSITION FROM SECTION B-B TO SECTION A-A.



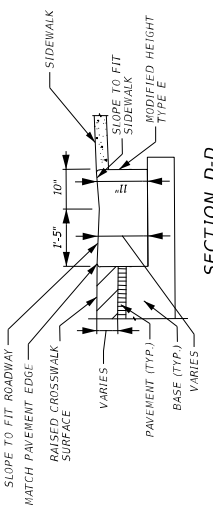
SECTION A-A
N.T.S.



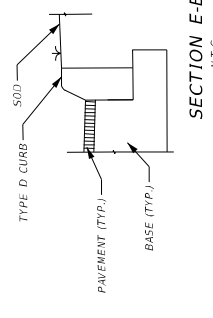
SECTION B-B
N.T.S.



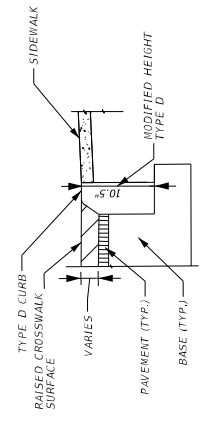
SECTION C-C
N.T.S.



SECTION D-D
N.T.S.



SECTION E-E
N.T.S.



SECTION F-F
N.T.S.

* RAISED CROSSWALK 2 WIDTH IS 20'

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

| | | | | |
|--|--|---|--------------------------------------|-----------------|
| ENGINEER OF RECORD LORI J. REVIRIANUS, P.E. CIVIL ENGINEER KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR. SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA | FINANCIAL PROJECT ID 442884-52-01 | SHEET NO. 21 |
|--|--|---|--------------------------------------|-----------------|

TYPICAL SECTION DETAILS

GENERAL NOTES

- ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
 ALLEN L. QUIKEL, P.S.M.
 P.S.M. No: 6481
 WGI, INC.
 1232 WINTER GARDEN VINELAND ROAD, SUITE 124
 WINTER GARDEN, FL 34787
- THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

3. UTILITY/AGENCY OWNERS FOR THIS PROJECT INCLUDE:

| COMPANY | CONTACT | TELEPHONE NUMBERS |
|-------------------------------|----------------------|-------------------|
| AT&T FLORIDA | KIRBY SPENCER | (386) 366-4588 |
| BRIGHT HOUSE NETWORKS | PAUL LIAKOS | (407) 215-8838 |
| FPL DISTRIBUTION | CHRISTOPHER BUONANNI | (407) 328-1911 |
| TECO PEOPLES GAS | BRUCE STOUT | (407) 420-2678 |
| UNITI FIBER | KEN MCGOVERN | (904) 506-7215 |
| CITY OF DAYTONA BEACH & SEWER | SHANNON PONITZ | (386) 671-8825 |
| FPL TRANSMISSION | TRICIA DANNUNZIO | (561) 904-3560 |
| CITY OF ORMOND BEACH | GEORGE LAVATELLI | (386) 676-3584 |
| CROWN CASTLE | CHRIS PERKINS | (813) 947-6009 |

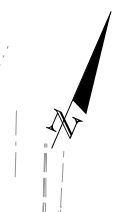
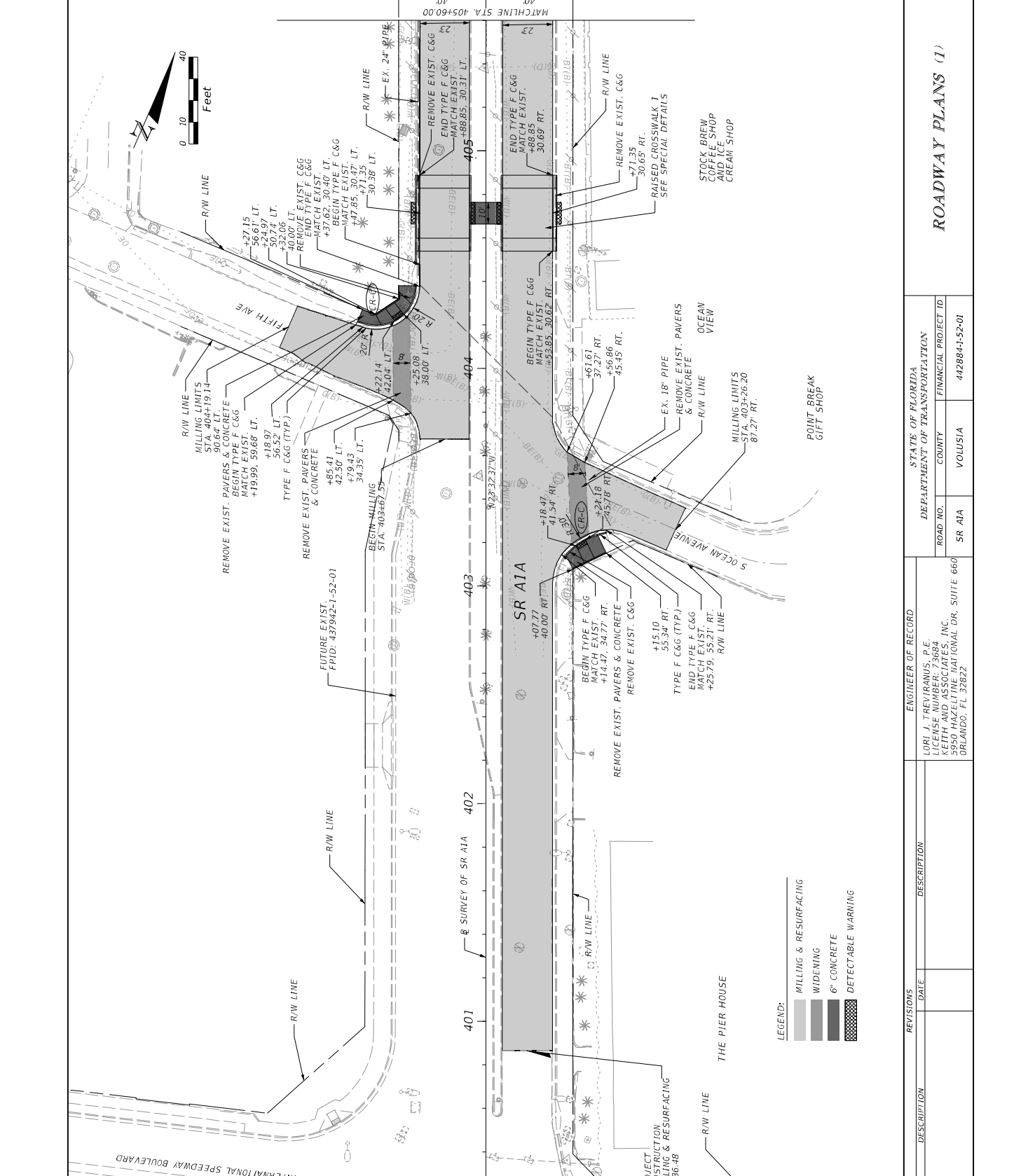
4. MONITOR EXISTING STRUCTURES - VIBRATION MONITORING

- DAYTONA CONVENTION HOTEL AND CONDOMINIUMS: 422 N ATLANTIC AVE, DAYTONA BEACH FL 32118
- IHOP: 427 N ATLANTIC AVE, DAYTONA BEACH FL 32118
- SEA DUNES: 430 N ATLANTIC AVE, DAYTONA BEACH FL 32118
- 7 - ELEVEN: 431 N ATLANTIC AVE, DAYTONA BEACH FL 32118
- DAYTONA GRANDE: 500 N ATLANTIC AVE, DAYTONA BEACH FL 32118
- PARKING: 501 N ATLANTIC AVE, DAYTONA BEACH FL 32118

5. TRANSIT SERVICE COORDINATION

- START WORK NOTIFICATION
 ELIZABETH SUCHSLAND, ASSISTANT GENERAL MANAGER (386) 756-7496, EXT. 4127
 JAKE LUNCEFORD, TRANSIT PLANNER (386) 756-7496, EXT. 4157
 ESUCHSLAND@VOLUSIA.ORG
 JLUNCEFORD@VOLUSIA.ORG
- LANE CLOSURE NOTIFICATIONS
 ELIZABETH SUCHSLAND, ASSISTANT GENERAL MANAGER (386) 756-7496, EXT. 4127
 JAKE LUNCEFORD, TRANSIT PLANNER (386) 756-7496, EXT. 4157
 ESUCHSLAND@VOLUSIA.ORG
 JLUNCEFORD@VOLUSIA.ORG

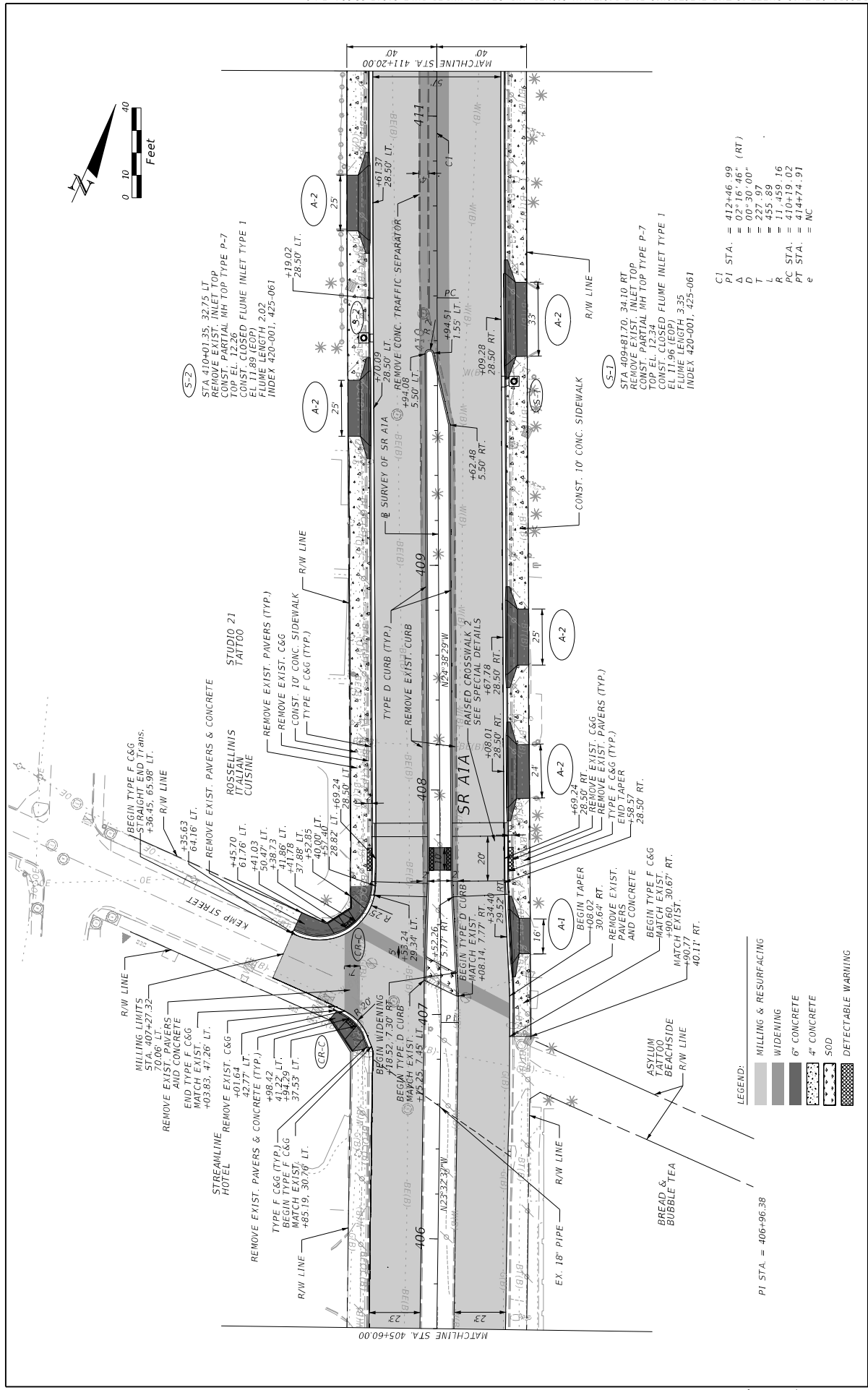
| REVISIONS | | DESCRIPTION | | ENGINEER OF RECORD | | DEPARTMENT OF TRANSPORTATION | | STATE OF FLORIDA | | SHEET NO. |
|-----------|-------------|-------------|-------------|---|----------|------------------------------|----------------------|------------------|--|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | LORI J. TREVIRANUS, P.E. LUNCEFORD, JAKE KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | GENERAL NOTES | | |
| | | | | | SR A1A | VOLUSIA | 4428844-52-01 | | | 27 |



| REVISIONS | | DESCRIPTION | |
|-----------|--|-------------|--|
| DATE | | DATE | |
| | | | |

| | | | |
|--|--|--|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. L&J ENGINEERING KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-I-52-01 | |
|--|--|--|--|

| | |
|------------------|-------------------|
| STATE OF FLORIDA | ROADWAY PLANS (1) |
| SHEET NO. 28 | |



STA 410+01.35 32.75 LT
 REMOVE EXIST. INLET TOP
 CONST. PARTIAL MH TOP TYPE P-7
 TOP EL. 12.26
 CONST. CLOSED FLUME INLET TYPE 1
 FLUME LENGTH 2.02
 INDEX 420-001, 425-061

STA 409+81.70 34.10 RT
 REMOVE EXIST. INLET TOP
 CONST. PARTIAL MH TOP TYPE P-7
 TOP EL. 12.34
 CONST. CLOSED FLUME INLET TYPE 1
 EL. 11.96 (EOT) 3.35
 INDEX 420-001, 425-061

BEGIN TYPE F C&G
 STRAIGHT END TRANS.
 +36.45, 65.98 LT.
 R/W LINE
 35.63
 64.16 LT.

REMOVE EXIST. PAVERS & CONCRETE
 ROSSELLINIS
 ITALIAN
 CUISINE
 STUDIO 21
 TATTOO

REMOVE EXIST. PAVERS (TYP.)
 REMOVE EXIST. C&G
 CONST. 10' CONC. SIDEWALK
 TYPE F C&G (TYP.)

REMOVE EXIST. PAVERS (TYP.)
 REMOVE EXIST. C&G
 END TAPER
 END TAPER C&G (TYP.)
 +58.57
 28.50 RT.

BEGIN TYPE F C&G
 MATCH EXIST.
 +90.77
 40.11' RT.

BEGIN TYPE D CURB
 +57.77 RT.
 +52.26
 +34.48
 +34.48
 29.52 RT.

BEGIN TYPE D CURB
 +18.52 7.30 RT.
 +15.25 7.45 LT. 407

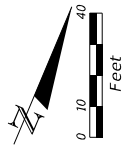
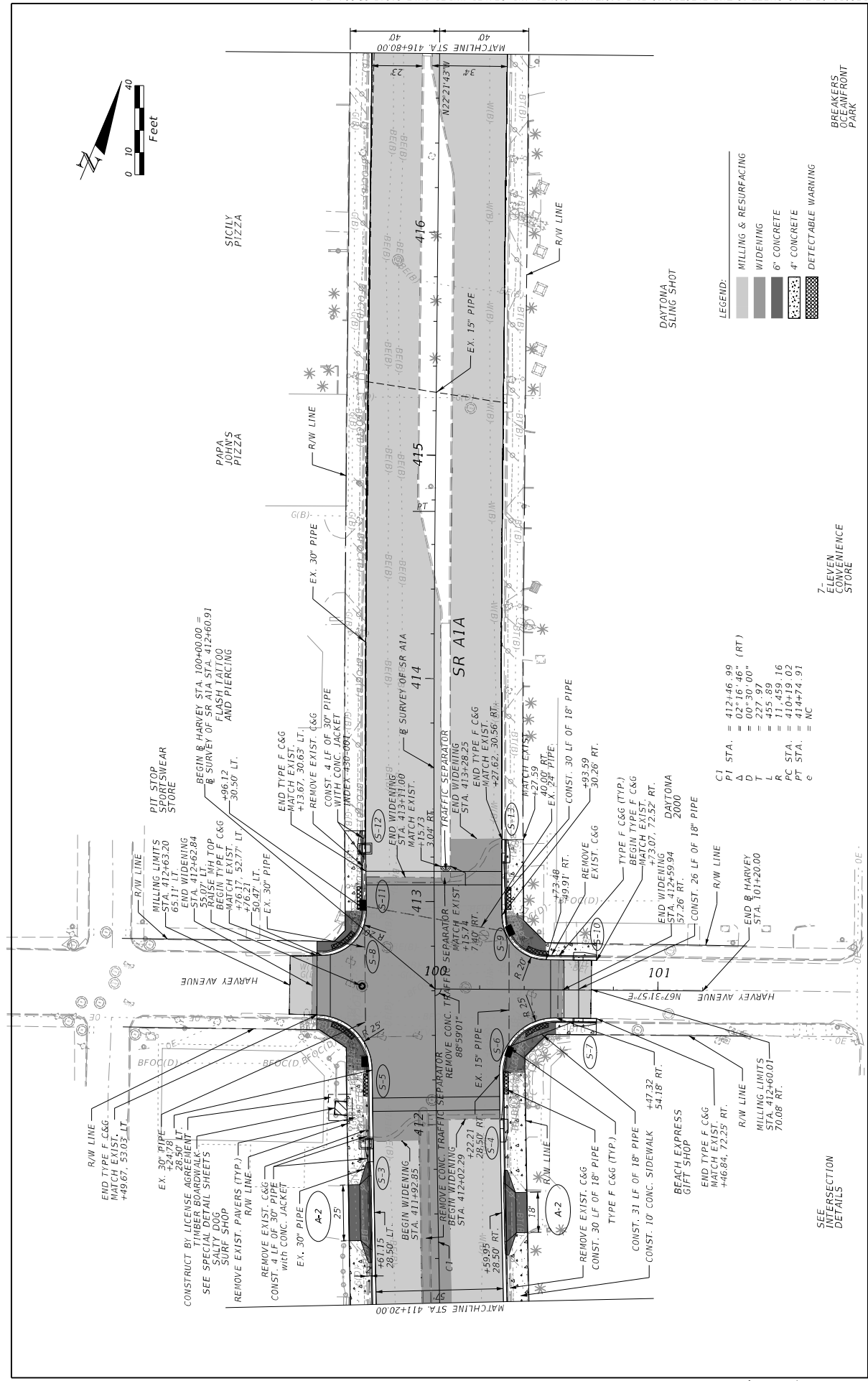
BEGIN TYPE D CURB
 +18.52 7.30 RT.
 +15.25 7.45 LT. 407

BEGIN TYPE D CURB
 +18.52 7.30 RT.
 +15.25 7.45 LT. 407

BEGIN TYPE D CURB
 +18.52 7.30 RT.
 +15.25 7.45 LT. 407

| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD | DEPARTMENT OF TRANSPORTATION | SHEET NO. |
|------|-------------|-----------|--|------------------------------|-----------|
| | | | LORI J. TRIVIRANUS, P.E. KETH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | SR A1A | 29 |
| | | | | COUNTY | |
| | | | | VOLUSIA | |
| | | | | FINANCIAL PROJECT ID | |
| | | | | 442884-152-01 | |

ROADWAY PLANS (2)



- LEGEND:**
- [Pattern] MILLING & RESURFACING
 - [Pattern] WIDENING
 - [Pattern] 6" CONCRETE
 - [Pattern] 4" CONCRETE
 - [Pattern] DETECTABLE WARNING

- DAYTONA SLING SHOT**
- CI STA. = 412+45.00
 - PI STA. = 02+16.86 (RT)
 - D = 00+30.00
 - T = 227.97
 - L = 455.89
 - R = 11,459.16
 - PC STA. = 410+19.02
 - PT STA. = 414+74.91
 - E = NC

7. ELEVEN CONVENIENCE STORE
BREAKERS LAWN FRONT PARK

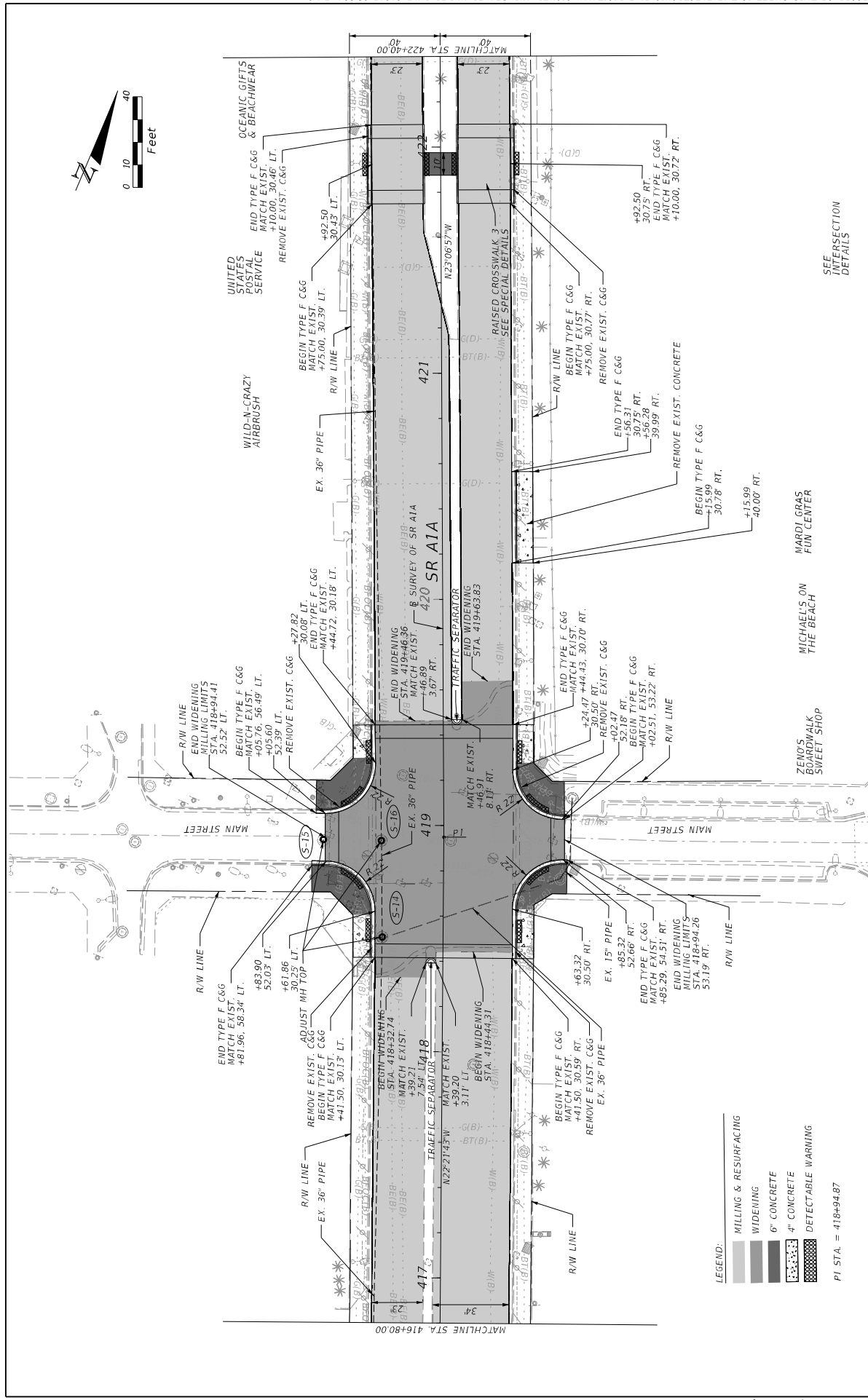
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

| | | |
|---|--|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-I-52-01 |
|---|--|--|

| | |
|--------------------------|--------------|
| STATE OF FLORIDA | SHEET NO. 30 |
| ROADWAY PLANS (3) | |

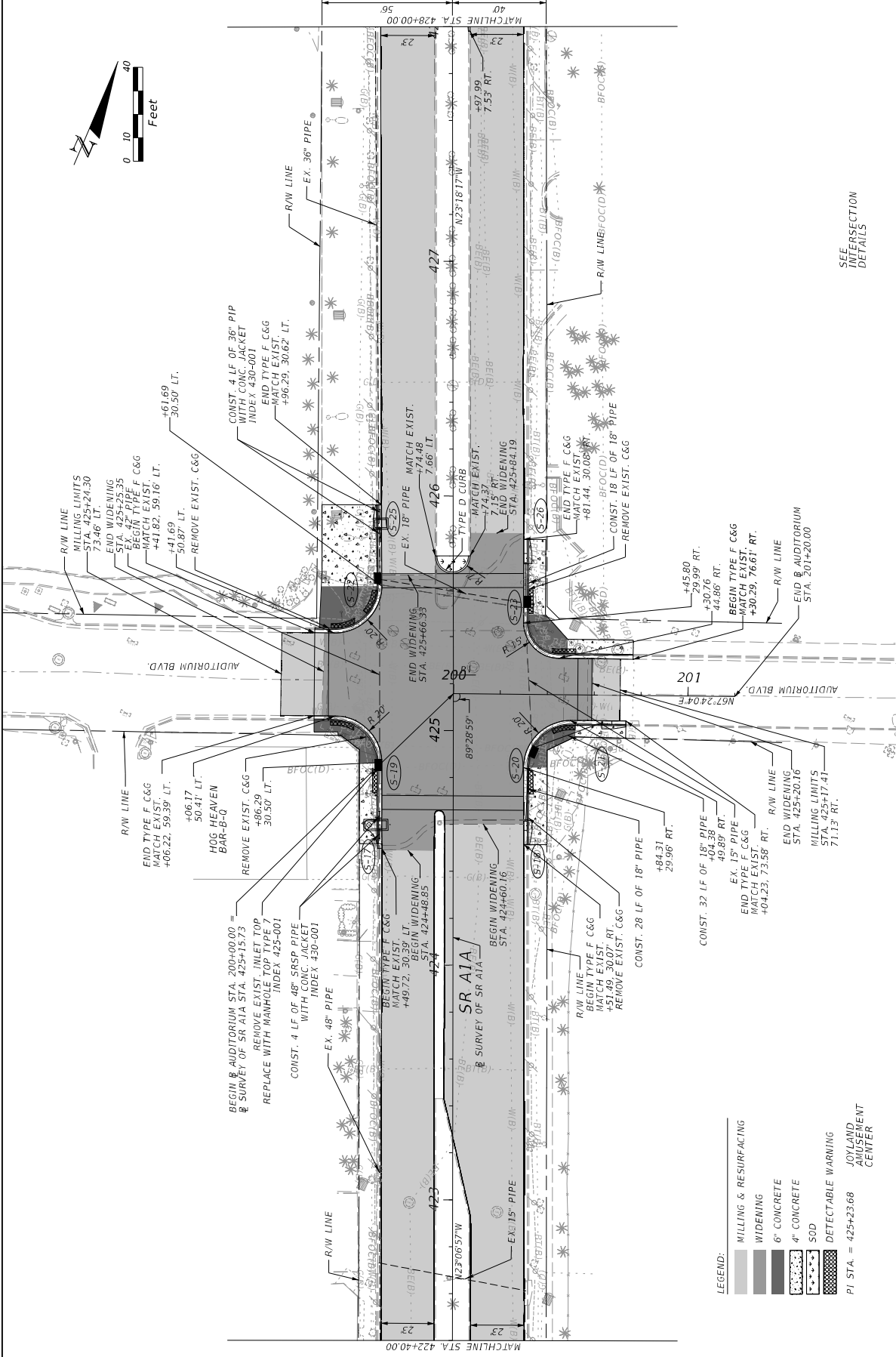
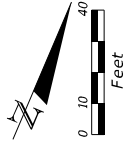
SEE INTERSECTION DETAILS

7. ELEVEN CONVENIENCE STORE
BREAKERS LAWN FRONT PARK



| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|--|------|-------------|
| | | | | |
| | | ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | |
| | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-I-52-01 | | |
| | | STATE OF FLORIDA ROADWAY PLANS (4) | | |
| | | SEE INTERSECTION DETAILS | | |
| | | PI STA. = 418+94.87 | | |
| | | SHEET NO. 31 | | |

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



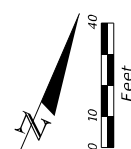
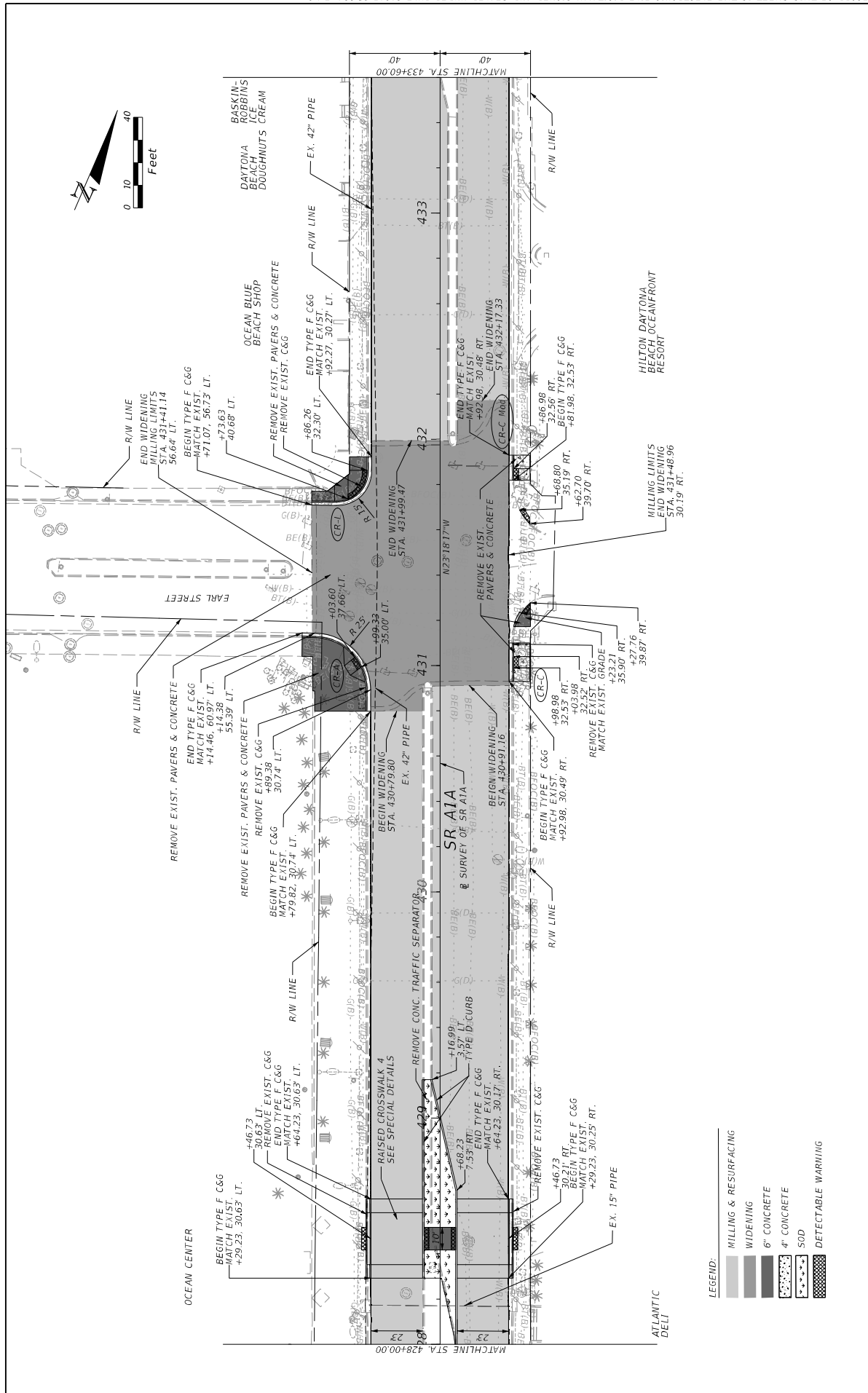
- LEGEND:**
- MILLING & RESURFACING
 - WIDENING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
 - DETECTABLE WARNING
- PI STA. = 425+23.68
JOYLAND AMUSEMENT CENTER

SEE REVISIONS FOR DETAILS

| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD |
|------|-------------|-----------|--|
| | | | LORI J. TRIVIRANUS, P.E. LORI J. TRIVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 |
| | | | DEPARTMENT OF TRANSPORTATION |
| | | | SR A1A |
| | | | COUNTY VOLUSIA |
| | | | FINANCIAL PROJECT ID 442884-I-52-01 |

ROADWAY PLANS (5)

SHEET NO. 32

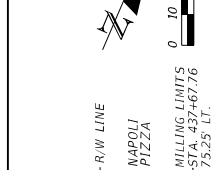
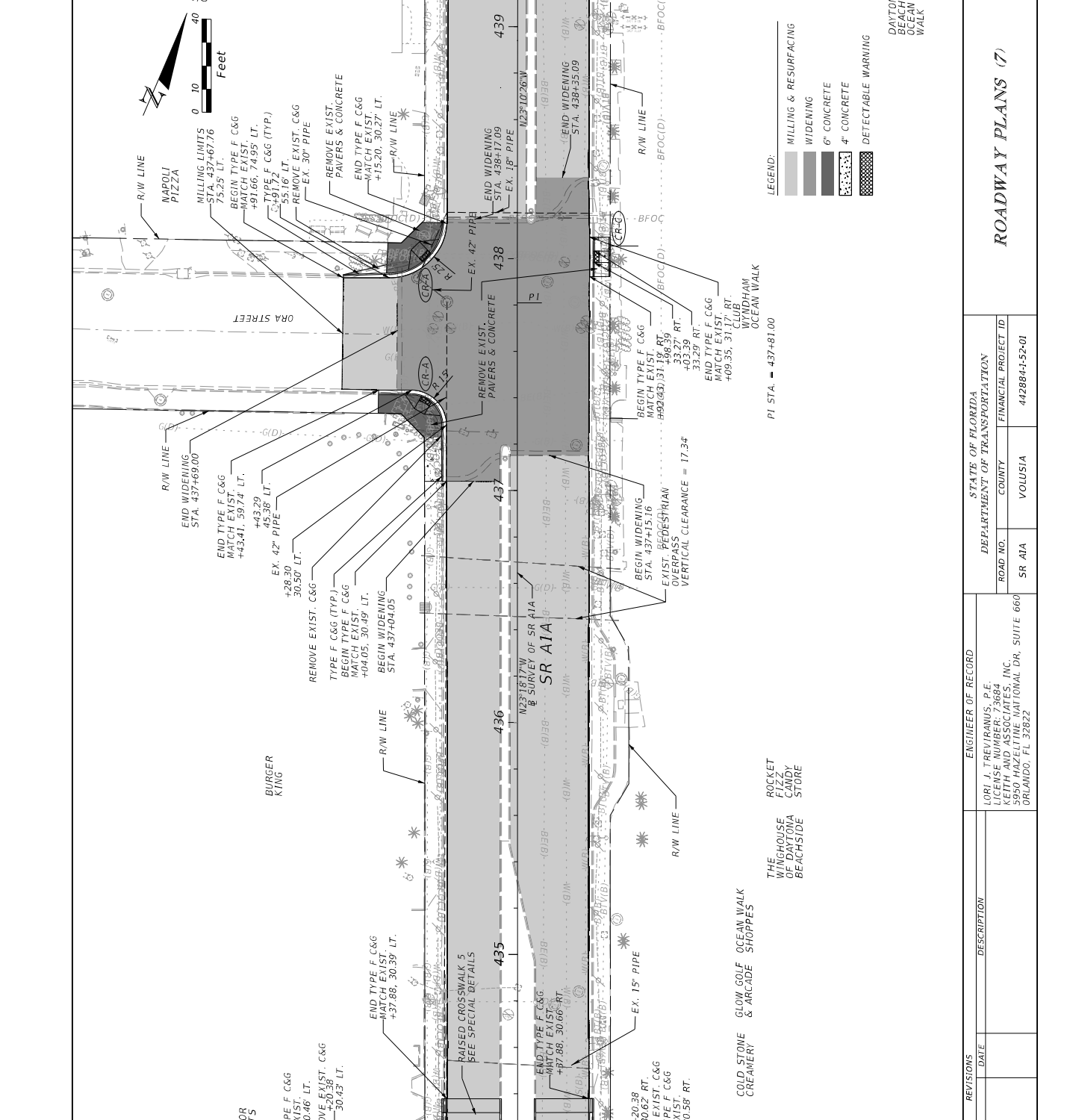


- LEGEND:**
- MILLING & RESURFACING
 - WIDENING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
 - DETECTABLE WARNING

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

| | | |
|--|--|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. CIVIL ENGINEER KETH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-I-52-01 |
|--|--|--|

| | | |
|------------------|--------------------------|--------------|
| STATE OF FLORIDA | ROADWAY PLANS (6) | SHEET NO. 33 |
|------------------|--------------------------|--------------|



LEGEND:

- MILLING & RESURFACING
- WIDENING
- 6" CONCRETE
- 4" CONCRETE
- DETECTABLE WARNING

DAYTONA BEACH OCEAN WALK

| DATE | DESCRIPTION | REVISIONS |
|------|-------------|-----------|
| | | |

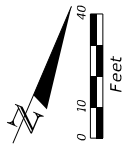
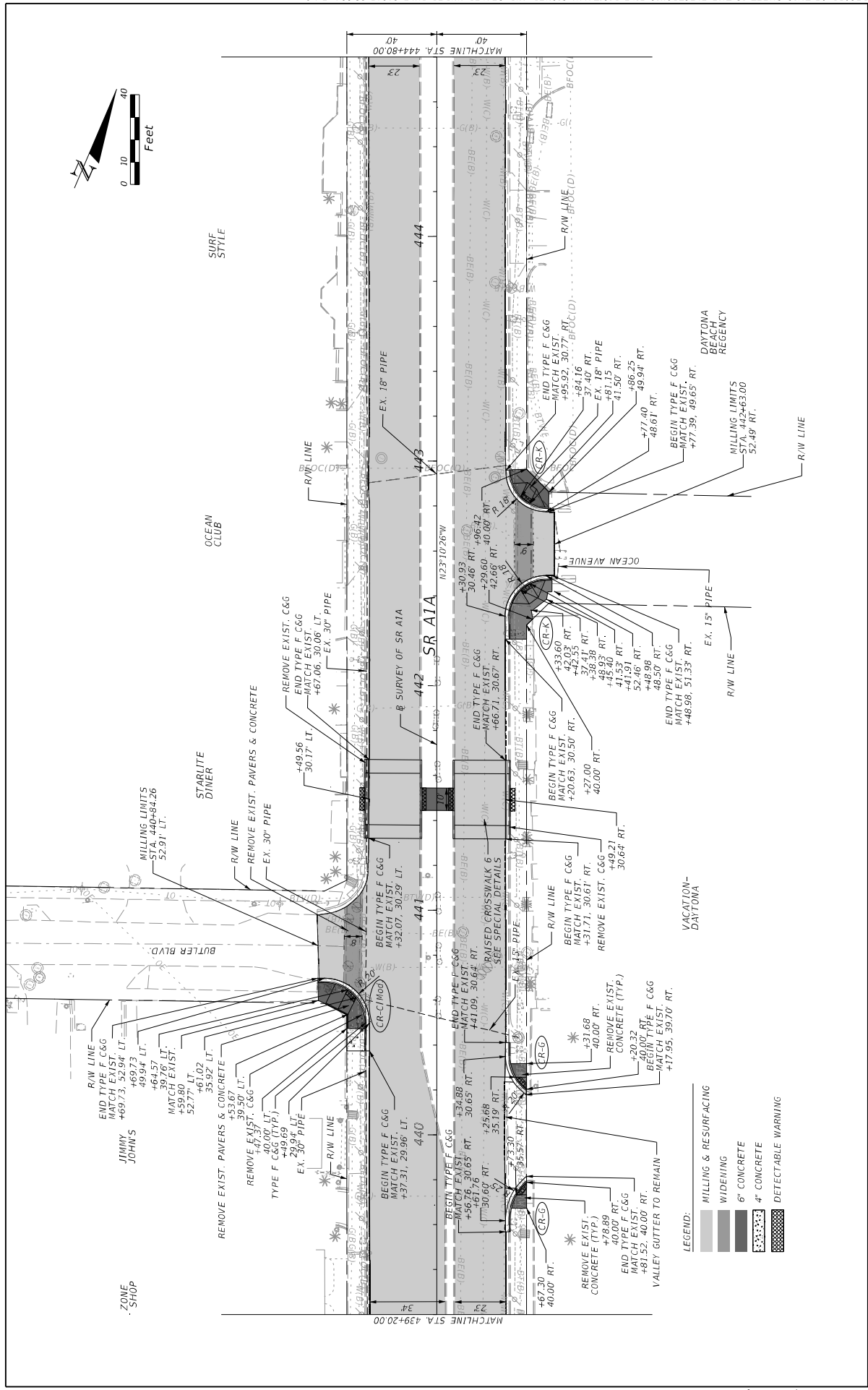
ENGINEER OF RECORD
 LORI J. TRIVIRANUS, P.E.
 FITZ KETH & ASSOCIATES, INC.
 5950 HAZELTINE NATIONAL DR., SUITE 660
 ORLANDO, FL 32822

DEPARTMENT OF TRANSPORTATION
 ROAD NO. SR A1A
 COUNTY VOLUSIA
 FINANCIAL PROJECT ID 442884-I-52-01

STATE OF FLORIDA

ROADWAY PLANS (7)

SHEET NO. 34

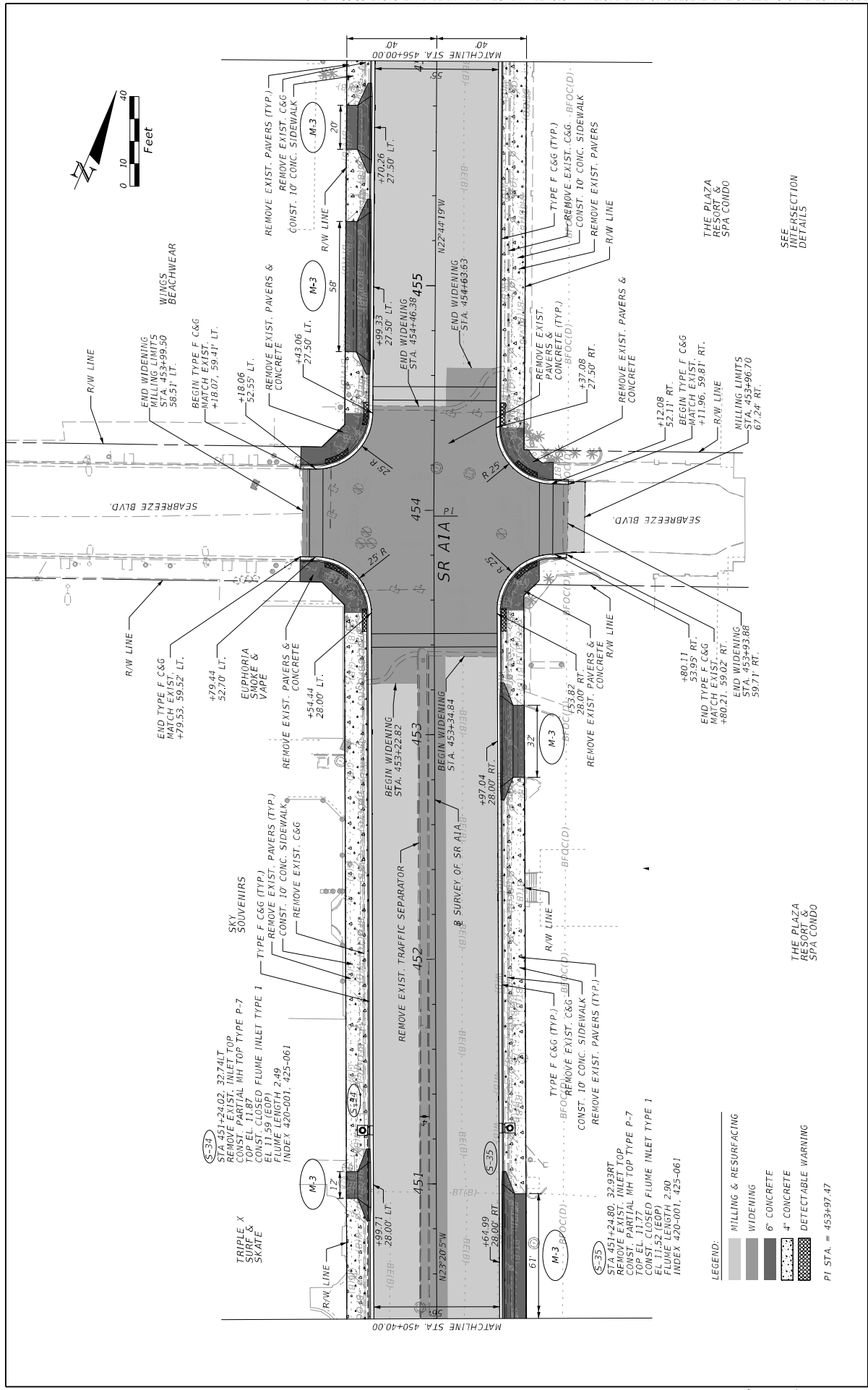


- LEGEND:**
- MILLING & RESURFACING
 - WIDENING
 - 6" CONCRETE
 - 4" CONCRETE
 - DETECTABLE WARNING

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

| | | |
|--|--|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. CIVIL ENGINEER KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-I-52-01 |
|--|--|--|

| | |
|--------------------------|----|
| ROADWAY PLANS (8) | |
| SHEET NO. | 35 |

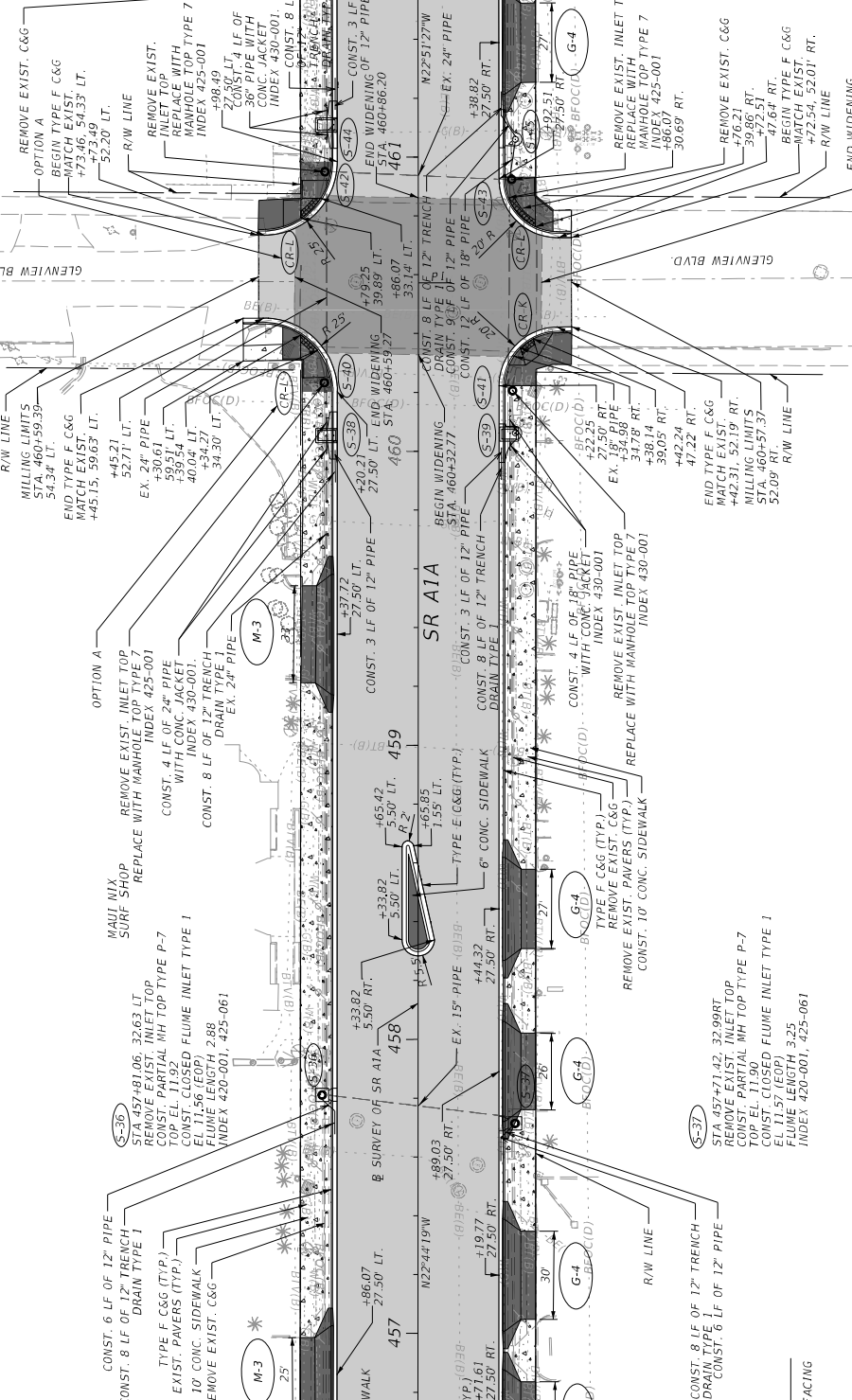


| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD | DEPARTMENT OF TRANSPORTATION | ROAD NO. | COUNTY | VOLUSTA | FINANCIAL PROJECT ID | SHEET NO. |
|------|-------------|-----------|--|------------------------------|----------|--------|---------------|----------------------|-----------|
| | | | LORI J. TRIVIRANUS, P.E. LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | SR A1A | VOLUSTA | | 442884-152-01 | 37 | |

ROADWAY PLANS (10)



SUNOCO STATION
MAINT NIX SURF SHOP
BEACH TOWNE USA



QUALITY INN
DUNYONA
BEACH
OCEANFRONT

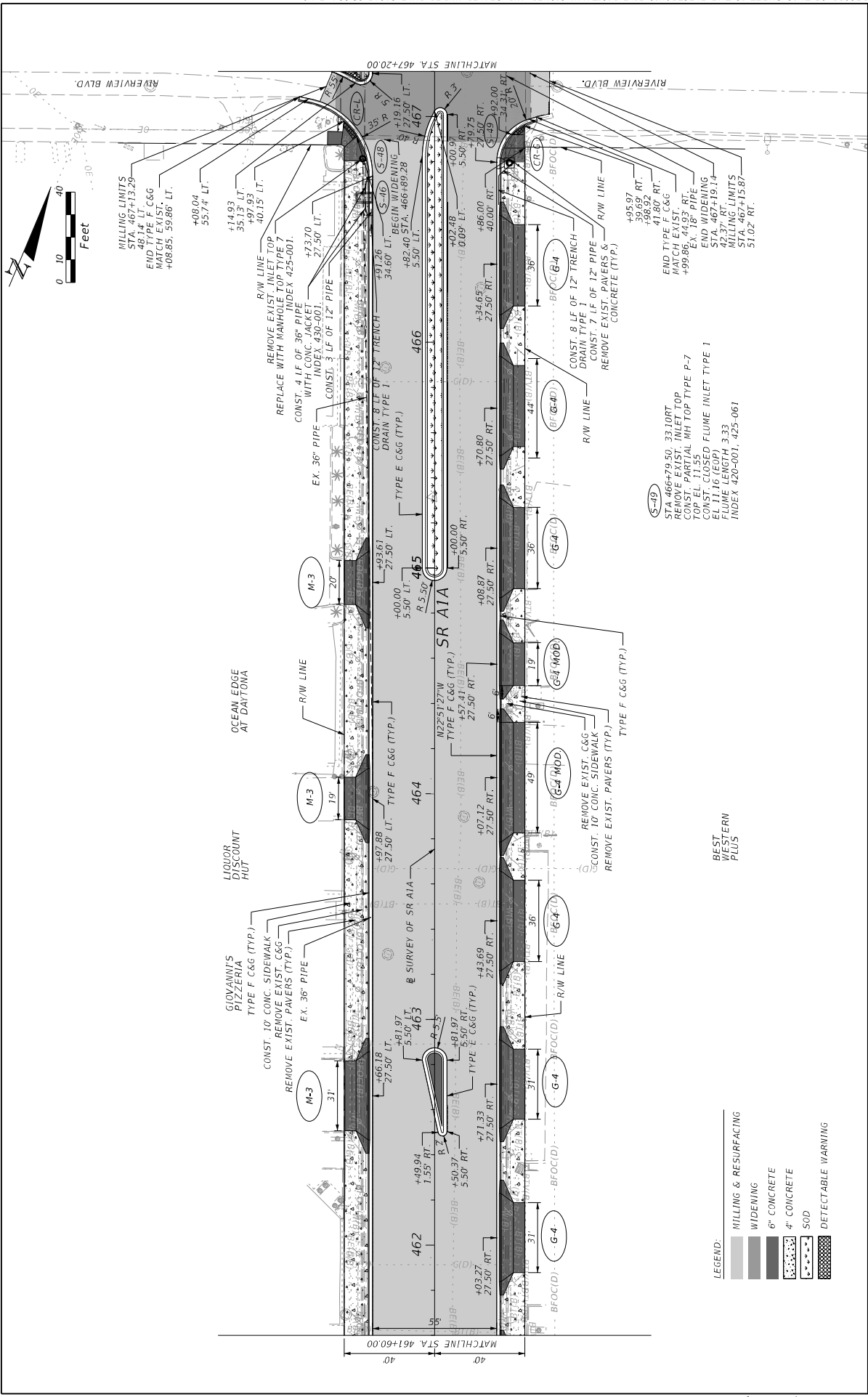
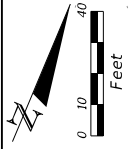
11/26/2024
11/28/26 M. McEnroe

LEGEND:
 MILLING & RESURFACING
 WIDENING
 6" CONCRETE
 4" CONCRETE
 DETECTABLE WARNING
 PT STA. = 460+57.20

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
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|---|------------------------------|----------|--------|--------|---------|----------------------|----------------|
| STATE OF FLORIDA | DEPARTMENT OF TRANSPORTATION | ROAD NO. | SR A1A | COUNTY | VOLUSIA | FINANCIAL PROJECT ID | 442884-I-52-01 |
| ENGINEER OF RECORD LORI J. TREVIARUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | | | | | | |

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND:

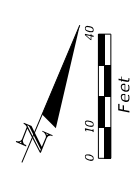
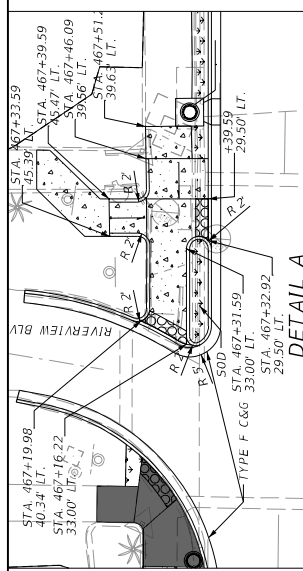
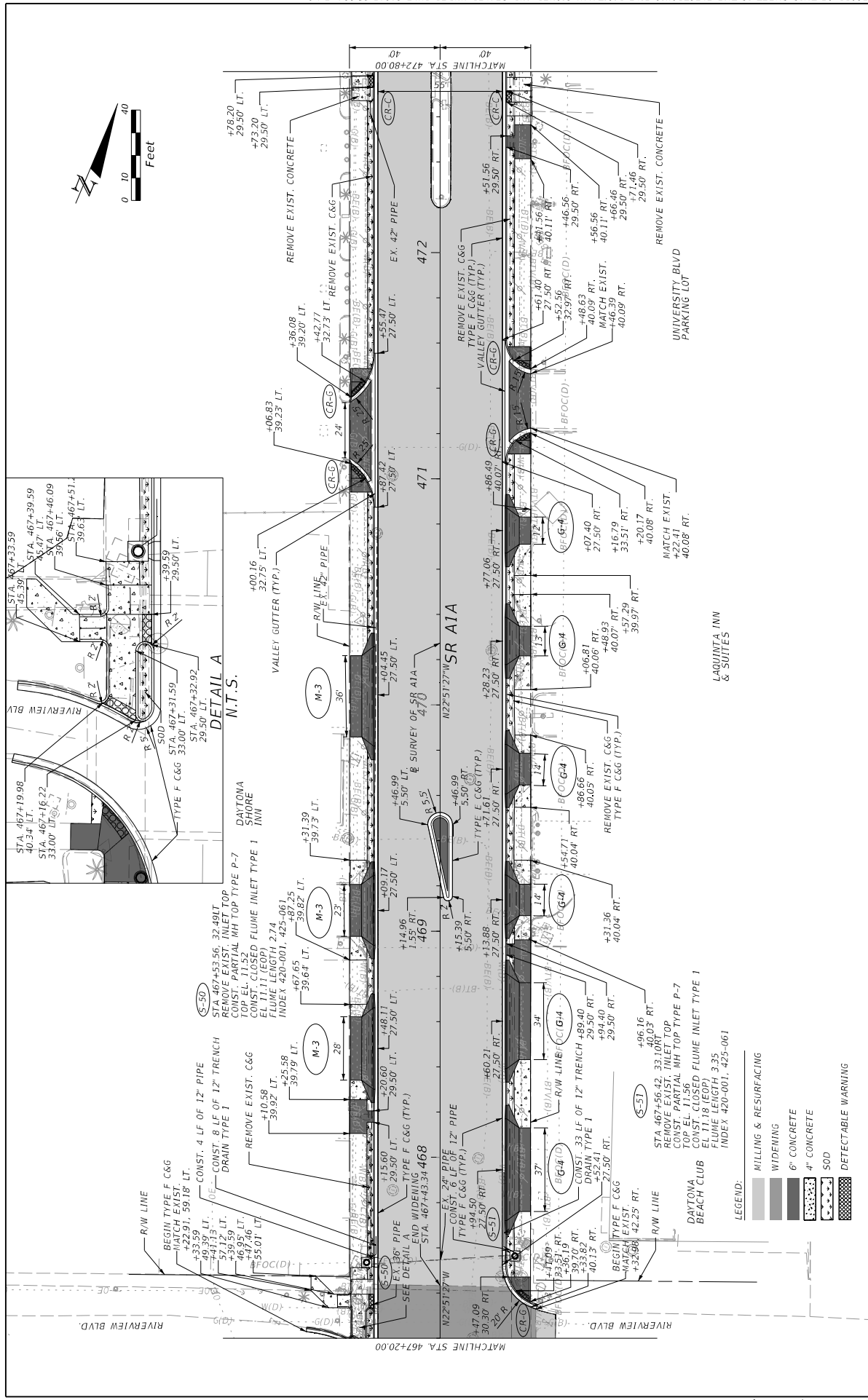
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|-----------|-----------------------|
| [Pattern] | MILLING & RESURFACING |
| [Pattern] | WIDENING |
| [Pattern] | 6" CONCRETE |
| [Pattern] | 4" CONCRETE |
| [Pattern] | SOD |
| [Pattern] | DETECTABLE WARNING |

| REVISIONS | | DESCRIPTION | |
|-----------|--|-------------|--|
| DATE | | DATE | |
| | | | |

| | | | |
|--|--|------------------------------|---------------|
| ENGINEER OF RECORD | | STATE OF FLORIDA | |
| LORI J. TRIVIRANUS, P.E. | | DEPARTMENT OF TRANSPORTATION | |
| KETH AND ASSOCIATES, INC. | | ROAD NO. | SR A1A |
| 5950 HAZELTINE NATIONAL DR., SUITE 660 | | COUNTY | VOLUSIA |
| ORLANDO, FL 32822 | | FINANCIAL PROJECT ID | 442884-152-01 |

| | | | |
|--------------------|--|-----------|----|
| ROADWAY PLANS (12) | | SHEET NO. | 39 |
|--------------------|--|-----------|----|

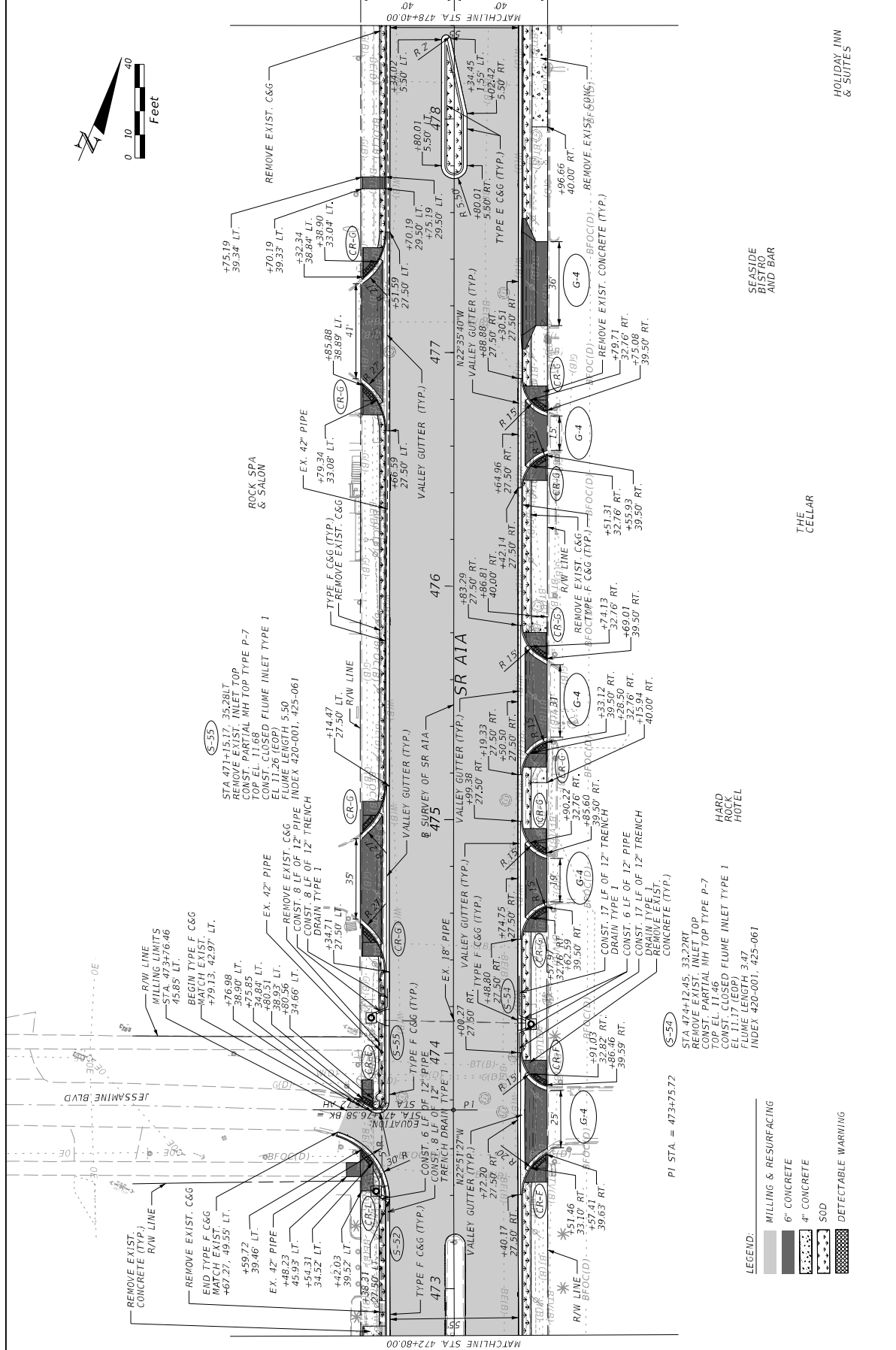
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND:
- MILLING & RESURFACING
 - WIDENING
 - 6\"/>

| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD | DEPARTMENT OF RECORD | DEPARTMENT OF TRANSPORTATION | SHEET NO. |
|------|-------------|-----------|--|----------------------|---|-----------|
| | | | LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | SR AIA | ROAD NO. COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-I-52-01 | 40 |
| | | | | | | |

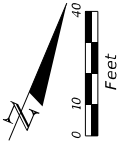
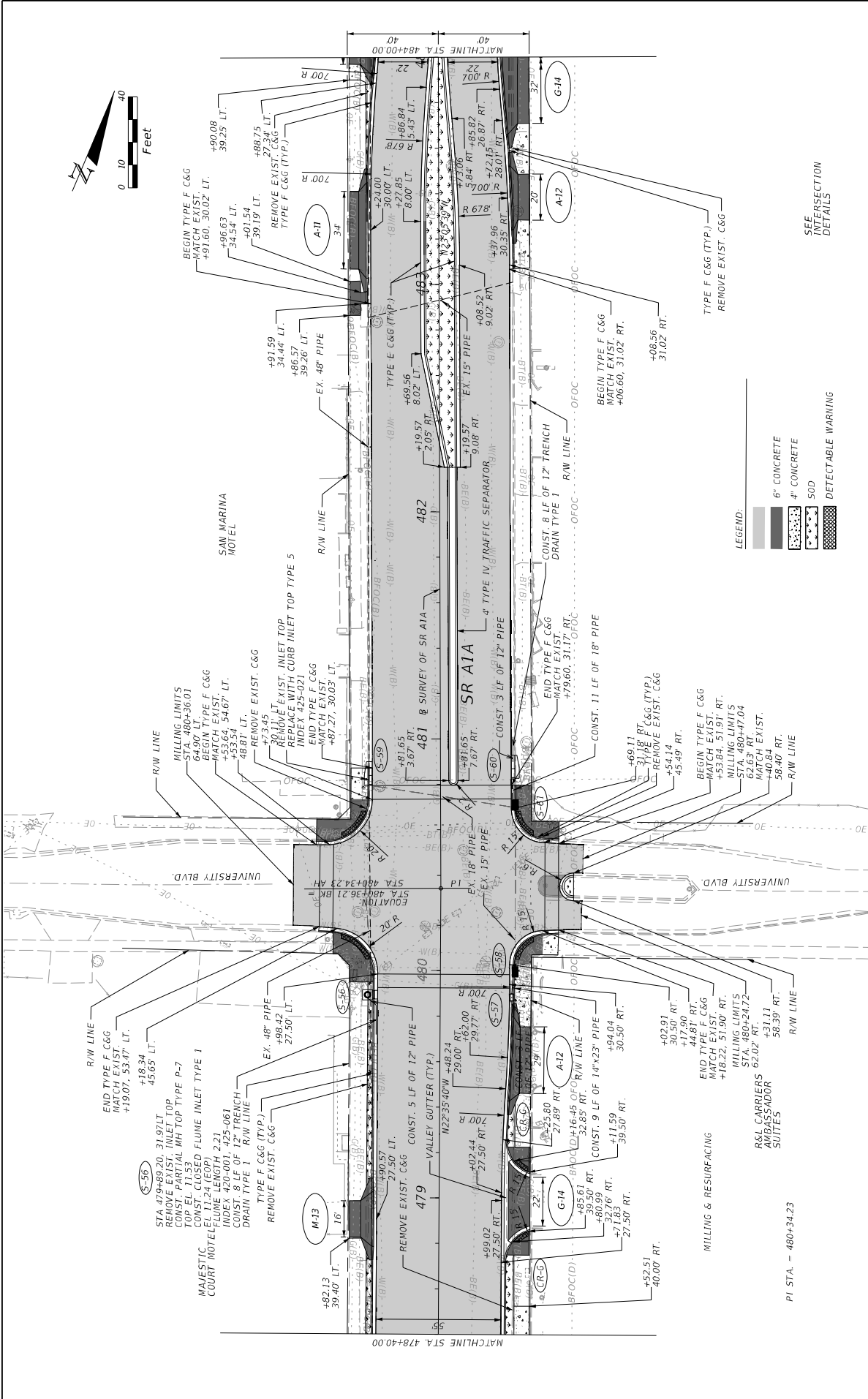
ROADWAY PLANS (13)



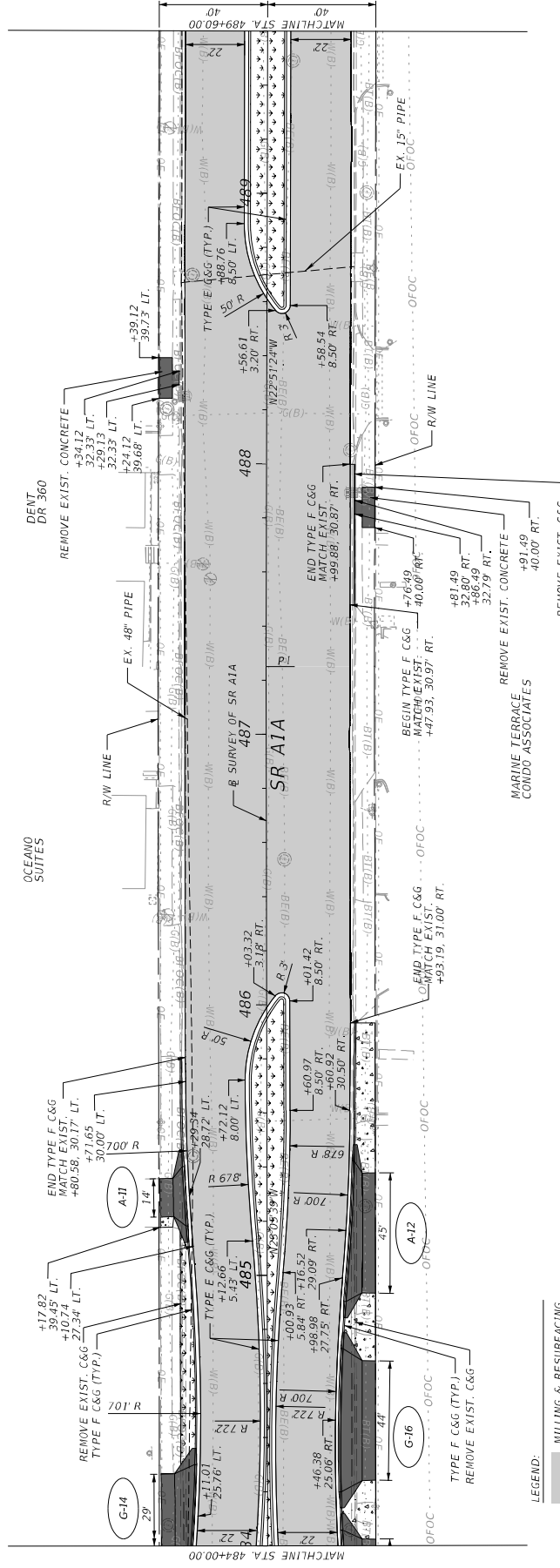
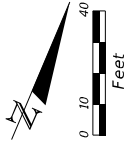
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

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|---|--|---|
| ENGINEER OF RECORD LORI J. REVIRIANUS, P.E. LORIANE ENGINEERING KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR AIA COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-152-01 |
|---|--|---|

| | |
|--------------|--------------------|
| SHEET NO. 41 | ROADWAY PLANS (14) |
|--------------|--------------------|



| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD | ROAD NO. | COUNTY | VOLUSTA | FINANCIAL PROJECT ID | |
|---------------------------|-------------|-----------|---|----------|---------|---------|----------------------|--|
| | | | LORI J. REVIRIANUS, P.E. ENGINEER KETH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | SR A1A | VOLUSTA | | 442884-152-01 | |
| | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | | | |
| ROADWAY PLANS (15) | | | | | | | | |
| | | | | | | | SHEET NO. 42 | |

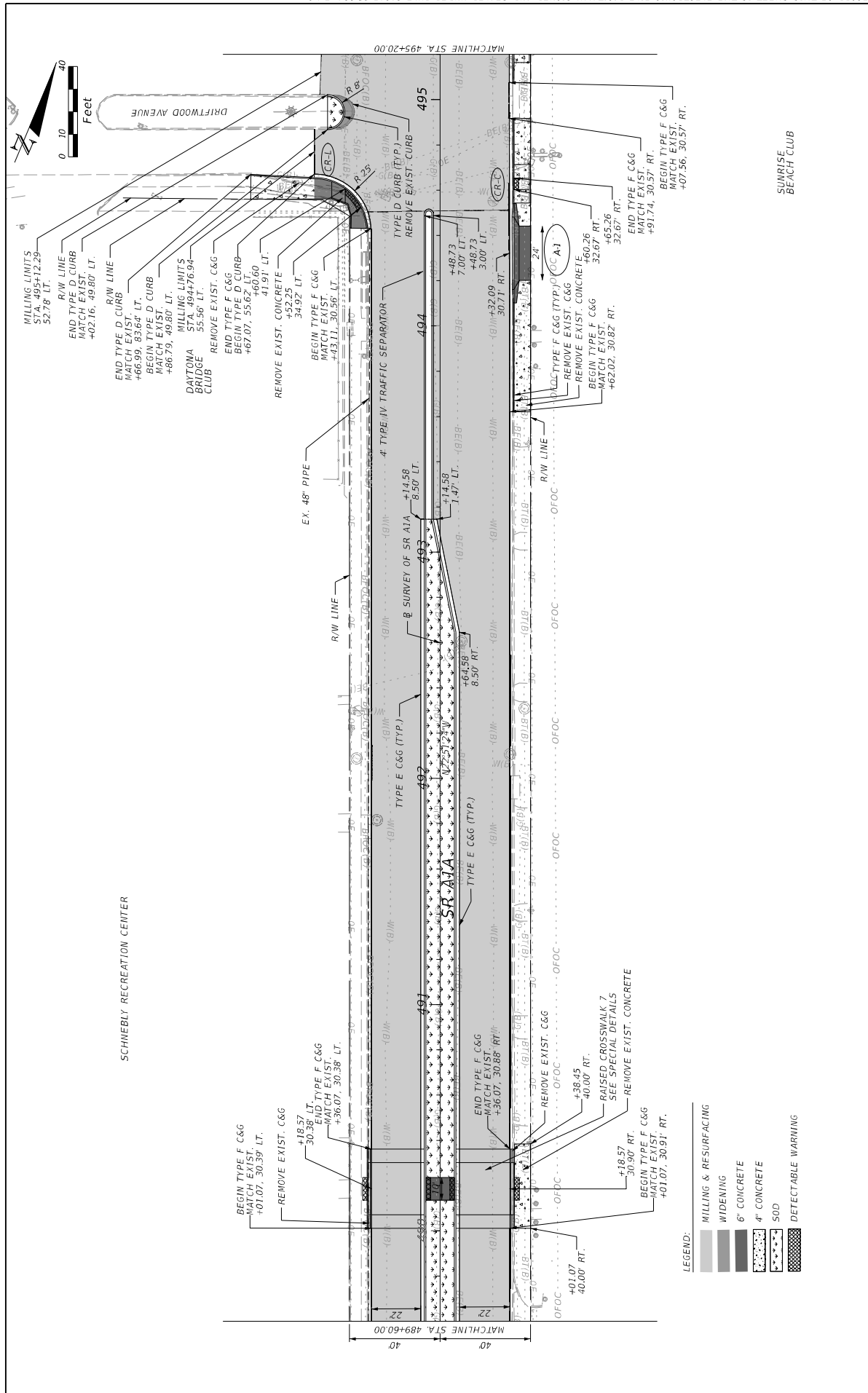


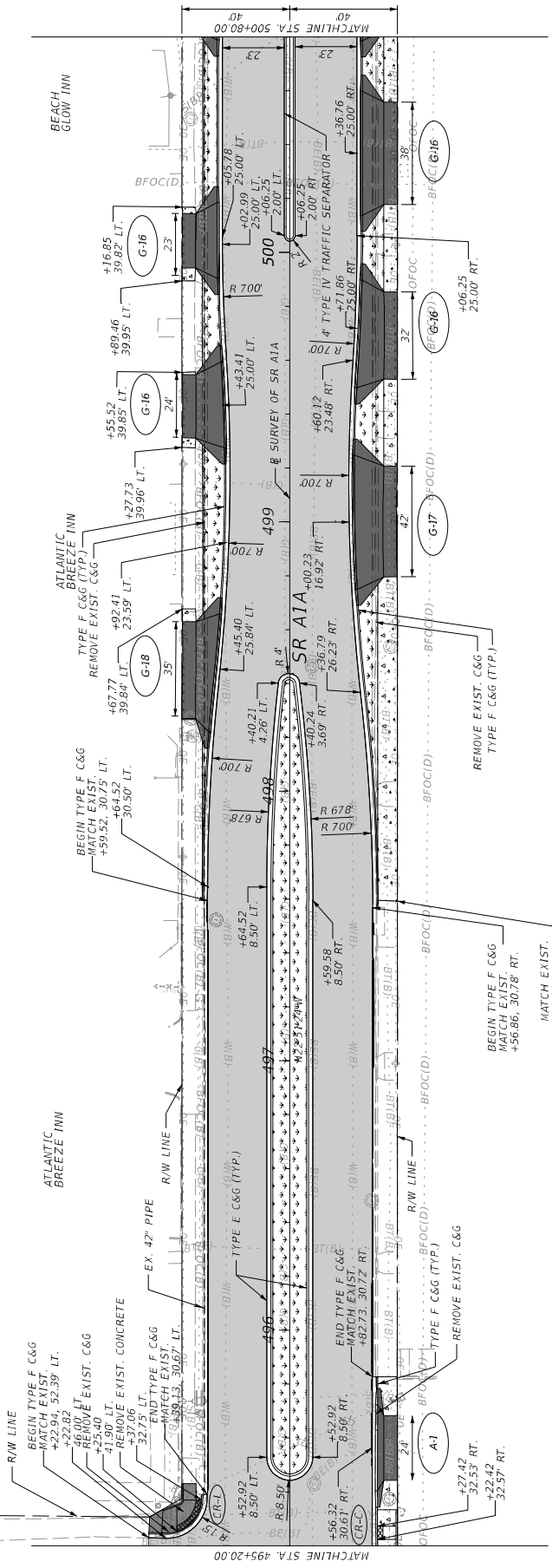
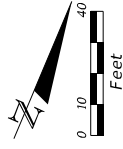
LEGEND:

- MILLING & RESURFACING
- 6\" CONCRETE
- 4\" CONCRETE
- SOD
- DETECTABLE WARNING

PI STA. = 487+25.07

| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD | DEPARTMENT OF TRANSPORTATION | SHEET NO. |
|---------------------------|-------------|-----------|--|-------------------------------------|-----------|
| | | | LORI J. REVIRIANUS, P.E. LORI J. KEITH & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | SR A1A | 43 |
| | | | | COUNTY VOLUSIA | |
| | | | | FINANCIAL PROJECT ID 442884-I-52-01 | |
| ROADWAY PLANS (16) | | | | | |





- LEGEND:**
- MILLING & RESURFACING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOI
 - DETECTABLE WARNING

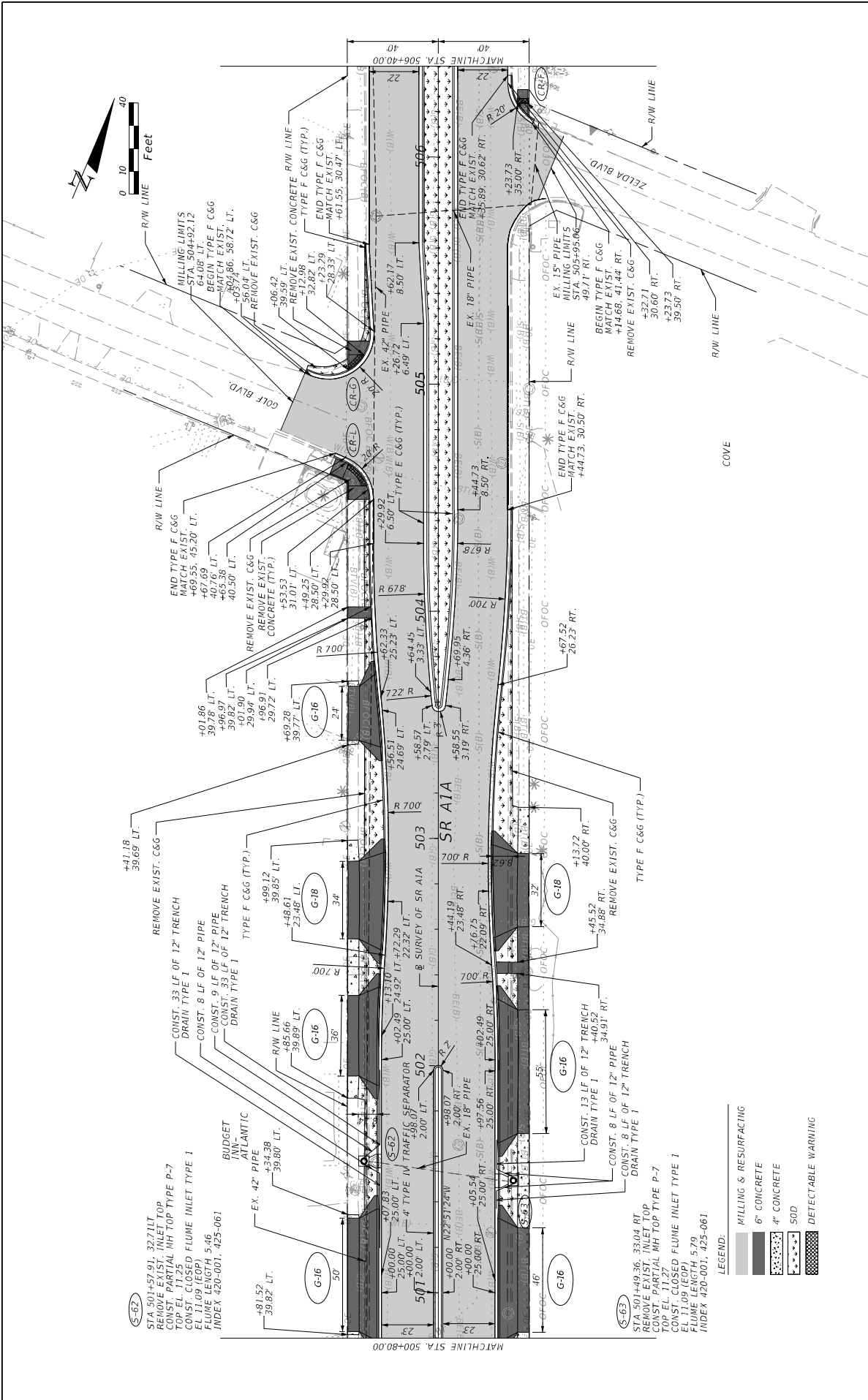
| REVISIONS | | DESCRIPTION | |
|-----------|--|-------------|--|
| DATE | | DATE | |
| | | | |

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|---|--|---|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. LORIANE KEITH KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-I-52-01 | |
|---|--|---|--|

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|---------------------------|--|--------------|
| ROADWAY PLANS (18) | | SHEET NO. 45 |
|---------------------------|--|--------------|

2/16/2024 11:08:48 M:\hobson\118815815\DOT\442884\1507\hobson\ROADWAY\PLANS\02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



5-62 STA 501+57.91, 32.71 LT. REMOVE EXIST. INLET TOP. CONST. PARTIAL MH TOP TYPE P-7 TOP EL. 11.25 CONST. CLOSED FLUME INLET TYPE 1 EL. 11.09 (EOP) FLUME LENGTH 5.46 INDEX 420-001, 425-061

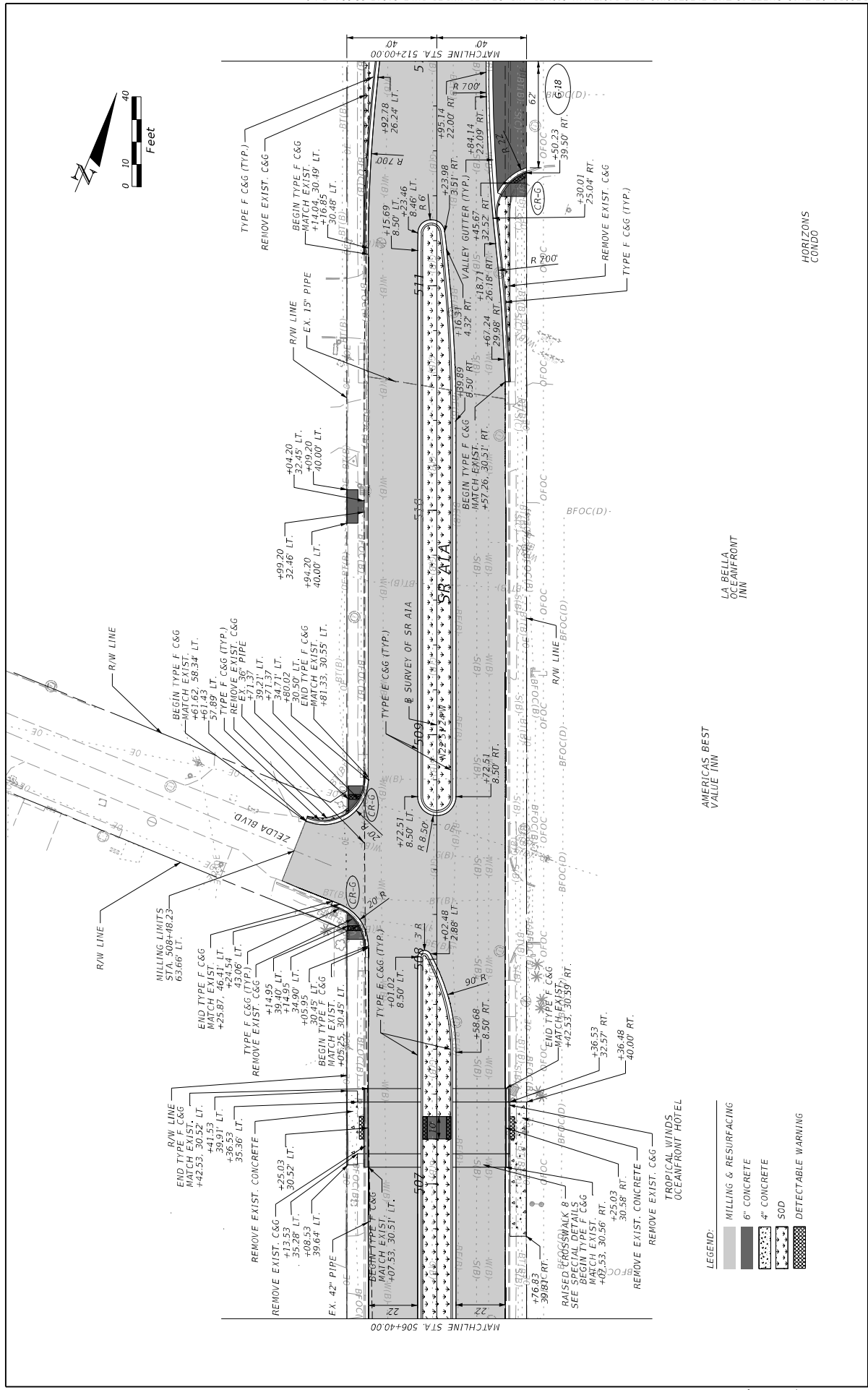
5-63 STA 501+49.36, 33.04 RT. REMOVE EXIST. INLET TOP. CONST. PARTIAL MH TOP TYPE P-7 TOP EL. 11.27 CONST. CLOSED FLUME INLET TYPE 1 EL. 11.09 (EOP) FLUME LENGTH 5.79 INDEX 420-001, 425-061

LEGEND:
 MILLING & RESURFACING
 6" CONCRETE
 4" CONCRETE
 SOD
 DETECTABLE WARNING

| DATE | DESCRIPTION | REVISIONS | DATE |
|------|-------------|-----------|------|
| | | | |

| | | |
|---|--|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR AIA COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-I-52-01 |
|---|--|--|

| | | |
|---------------------------|--|--------------|
| ROADWAY PLANS (19) | | SHEET NO. 46 |
|---------------------------|--|--------------|

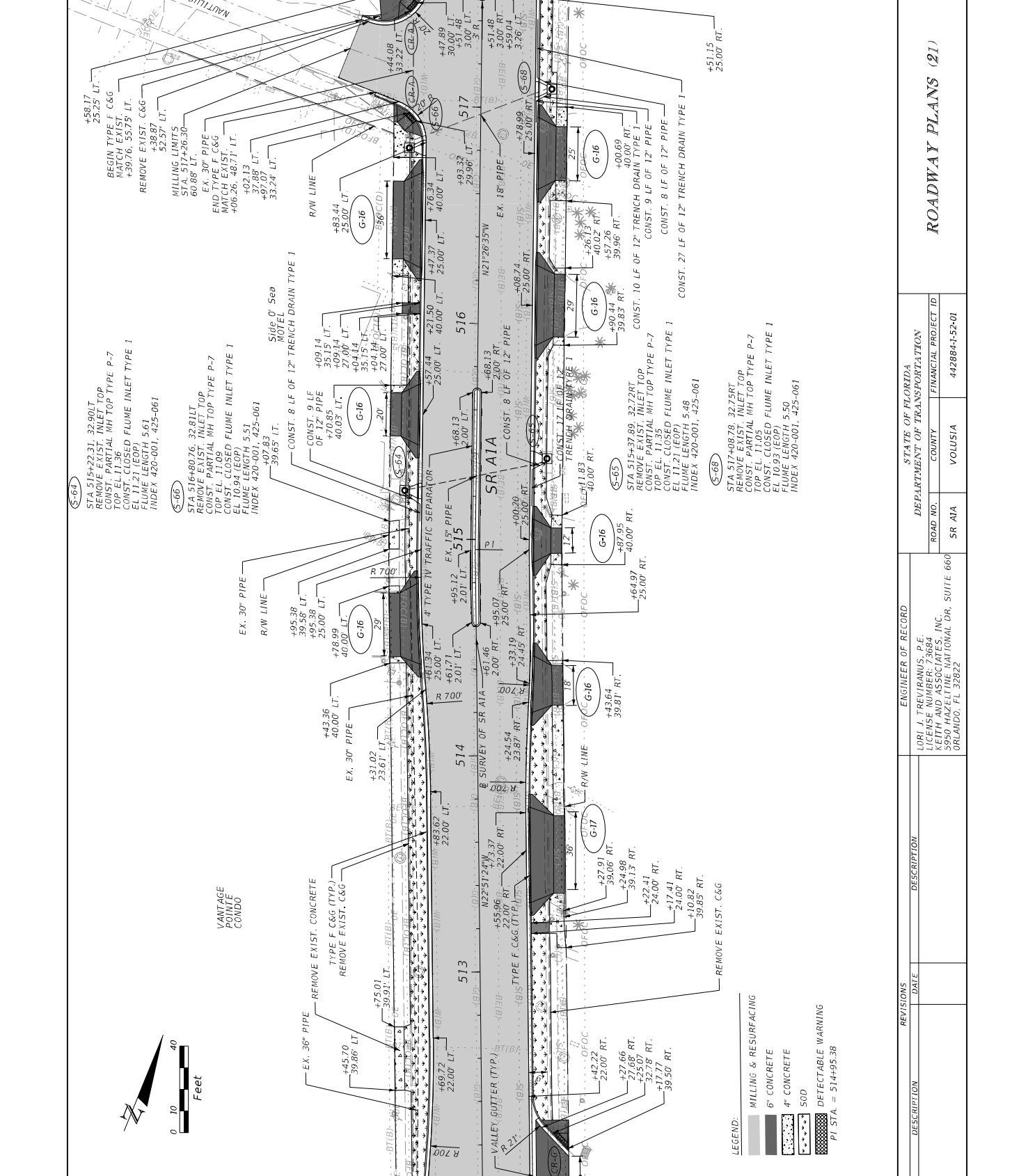


- LEGEND:**
- MILLING & RESURFACING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
 - DETECTABLE WARNING

| DATE | REVISIONS | DESCRIPTION | ENGINEER OF RECORD | DEPARTMENT OF TRANSPORTATION | COUNTY | VOLUSTA | FINANCIAL PROJECT ID |
|------|-----------|-------------|---|---------------------------------|---------|---------|----------------------|
| | | | LORI J. REVIRIANUS, P.E. KETH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | SR A1A | VOLUSTA | | 442884-152-01 |
| | | | | ROADWAY PLANS (20) | | | |
| | | | | STATE OF FLORIDA | | | |
| | | | | DEPARTMENT OF TRANSPORTATION | | | |
| | | | | HORIZONS CONDO | | | |
| | | | | LA BELLA OCEANFRONT INN | | | |
| | | | | AMERICAS BEST VALUE INN | | | |
| | | | | TROPICAL WINDS OCEANFRONT HOTEL | | | |
| | | | | RAW LINE | | | |
| | | | | ZELDA BLVD | | | |
| | | | | SR 511 | | | |
| | | | | SR 512 | | | |
| | | | | MATCHLINE STA. 506+40.00 | | | |
| | | | | MATCHLINE STA. 512+00.00 | | | |

11/08/24 11:08:51 AM horizon N:\015815\FDOT\442884\15201\Roadway\PLANS\02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND:
 MILLING & RESURFACING
 6" CONCRETE
 4" CONCRETE
 SOD
 DETECTABLE WARNING
 PI STA. = 51+95.38

REVISIONS

| DATE | DESCRIPTION |
|------|-------------|
| | |

ENGINEER OF RECORD
 LORI J. TRIVIRANUS, P.E.
 KEITH AND ASSOCIATES, INC.
 5950 HAZELTINE NATIONAL DR., SUITE 660
 ORLANDO, FL 32822

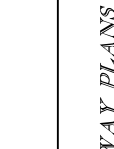
DEPARTMENT OF TRANSPORTATION
 ROAD NO. SR A1A
 COUNTY VOLUSIA
 FINANCIAL PROJECT ID 442884-I-52-01

STATE OF FLORIDA
 STA 515+22.31, 32.90LT
 REMOVE EXIST. INLET TOP
 CONST. PARTIAL MH TOP TYPE P-7
 TOP EL. 11.36
 CONST. CLOSED FLUME INLET TYPE 1
 EL. 11.21 (EOP)
 FLUME LENGTH 5.61
 INDEX 420-001, 425-061

STA 516+80.76, 32.81LT
 REMOVE EXIST. INLET TOP
 CONST. PARTIAL MH TOP TYPE P-7
 TOP EL. 11.09
 CONST. CLOSED FLUME INLET TYPE 1
 EL. 10.94 (EOP)
 FLUME LENGTH 5.51
 INDEX 420-001, 425-061

STA 517+08.78, 32.75RT
 REMOVE EXIST. INLET TOP
 CONST. PARTIAL MH TOP TYPE P-7
 TOP EL. 11.05
 CONST. CLOSED FLUME INLET TYPE 1
 EL. 10.93 (EOP)
 FLUME LENGTH 5.50
 INDEX 420-001, 425-061

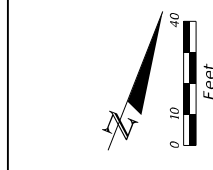
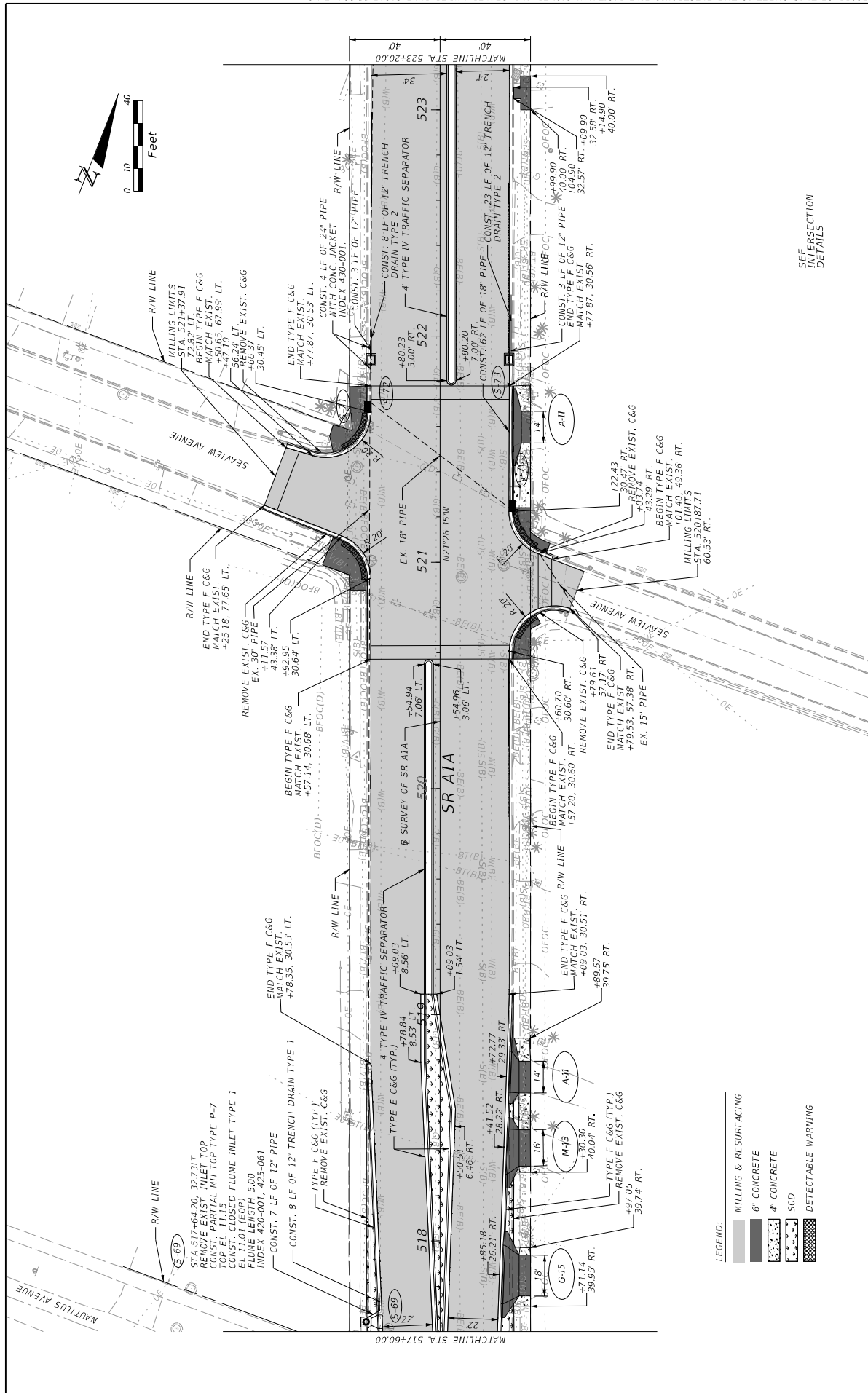
STA 517+08.78, 32.75RT
 REMOVE EXIST. INLET TOP
 CONST. PARTIAL MH TOP TYPE P-7
 TOP EL. 11.05
 CONST. CLOSED FLUME INLET TYPE 1
 EL. 10.93 (EOP)
 FLUME LENGTH 5.50
 INDEX 420-001, 425-061



DATE **DESCRIPTION**

ROADWAY PLANS (21)

SHEET NO. 48

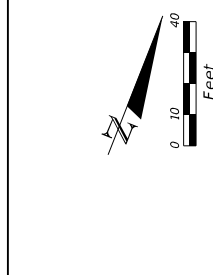
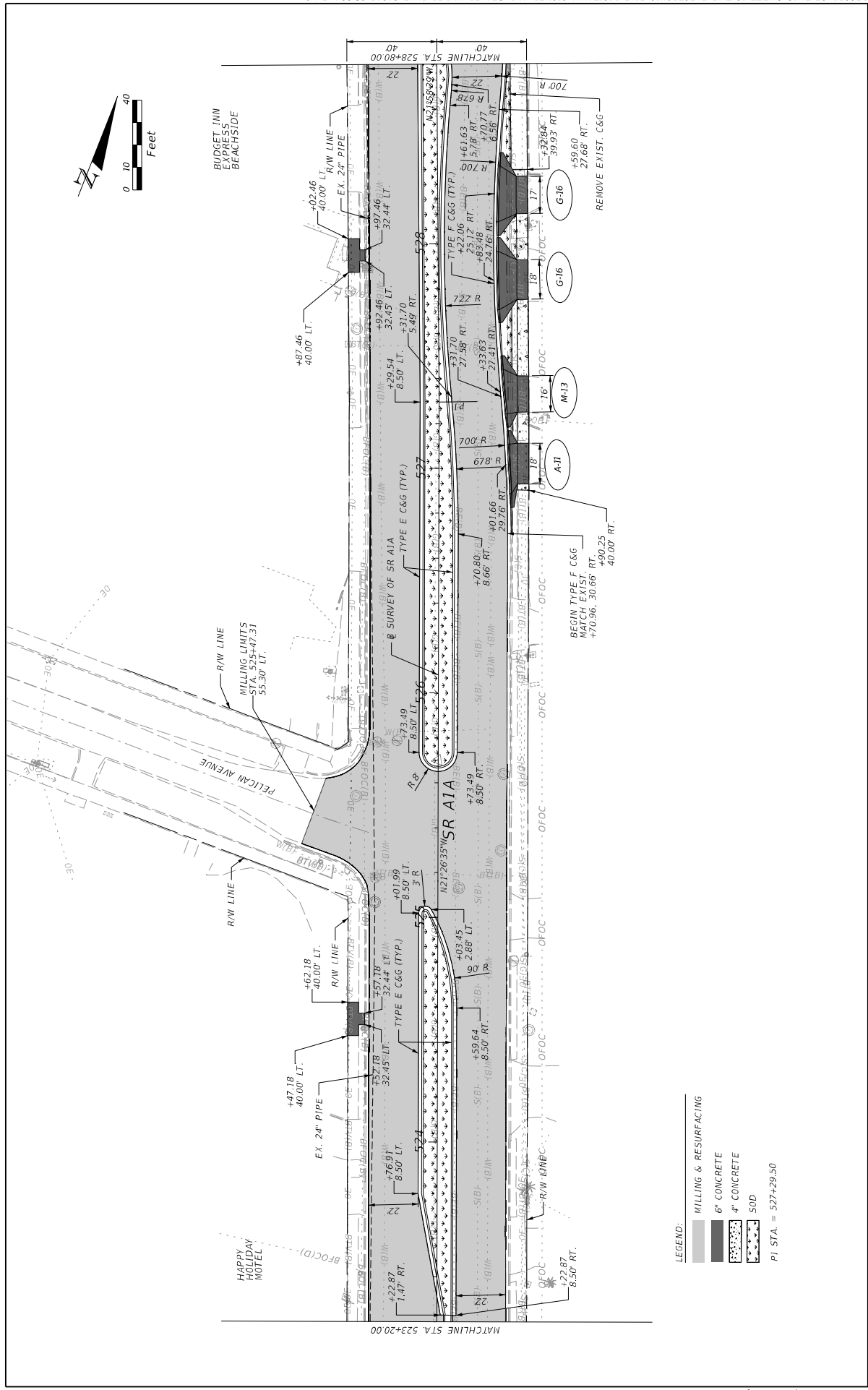


SEE INTERSECTION DETAILS

| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD | SR A1A | COUNTY | FINANCIAL PROJECT ID | SHEET NO. |
|------|-------------|-----------|---|--------|---------|----------------------|-----------|
| | | | LORI J. TRIVIRANUS, P.E. LORI J. KEITH & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | VOLUSIA | 442884-I-52-01 | 49 |
| | | | | SR A1A | VOLUSIA | 442884-I-52-01 | |
| | | | | | VOLUSIA | 442884-I-52-01 | |

ROADWAY PLANS (22)

- LEGEND:
- MILLING & RESURFACING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
 - DETECTABLE WARNING



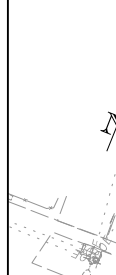
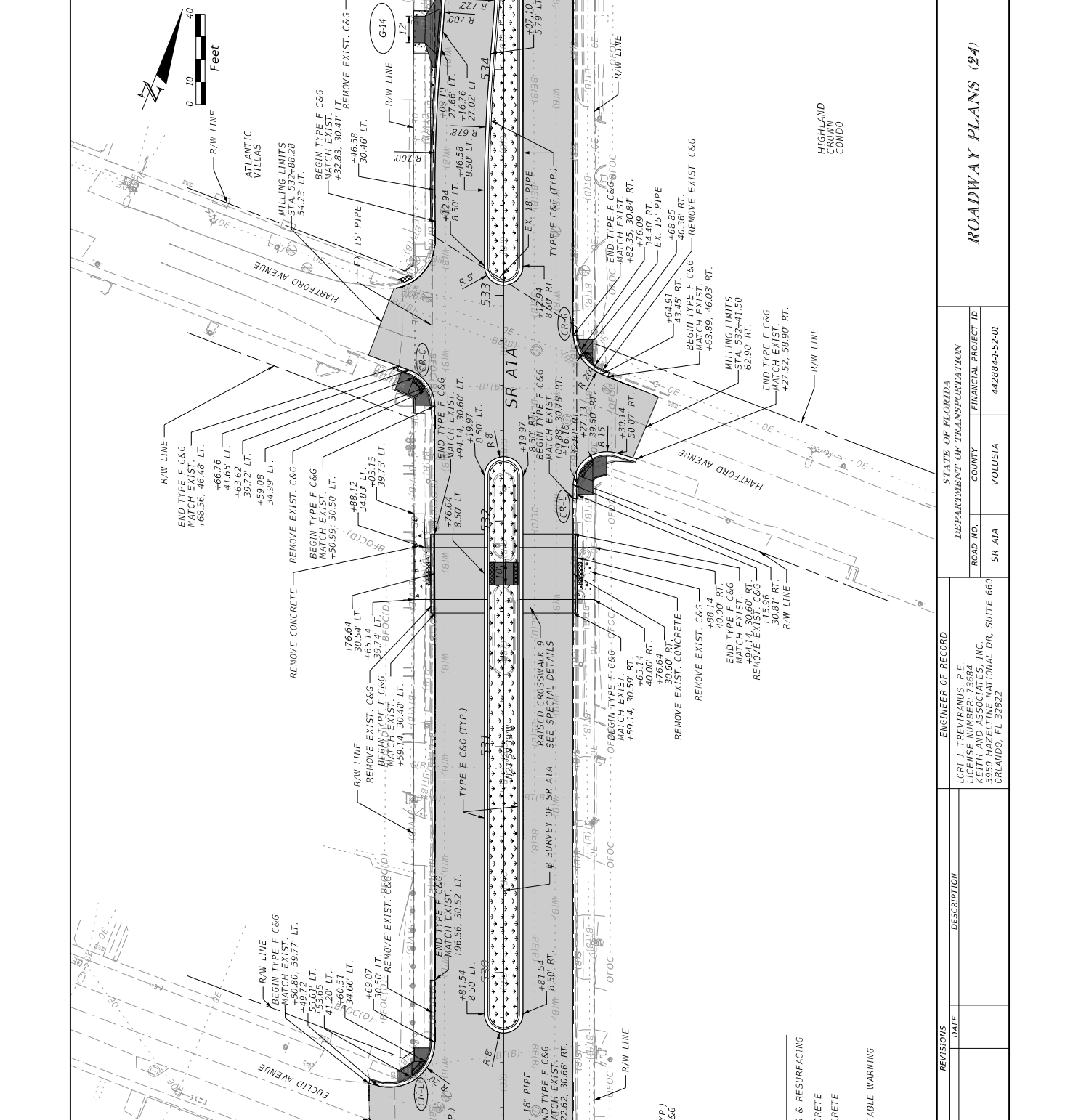
- LEGEND:**
- MILLING & RESURFACING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
- PI STA. = 527+29.50

| DATE | DESCRIPTION | REVISIONS | DATE |
|------|-------------|-----------|------|
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|--|--|---------------------------|
| ENGINEER OF RECORD LORI J. REVIRIANNIS, P.E. LORIANE KEITH & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLusia FINANCIAL PROJECT ID 442884-I-52-01 | ROADWAY PLANS (23) |
|--|--|---------------------------|

| | |
|-----------|----|
| SHEET NO. | 50 |
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| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
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|---|--|---|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. LORIANE KEITH & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-152-01 | |
|---|--|---|--|

| | |
|---------------------------|----|
| ROADWAY PLANS (24) | |
| SHEET NO. | 51 |

ROADWAY PLANS (25)

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ENGINEER OF RECORD
LORI J. TREVIARUS, P.E.
KETH AND ASSOCIATES, INC.
5950 HAZELTINE NATIONAL DR., SUITE 660
ORLANDO, FL 32822

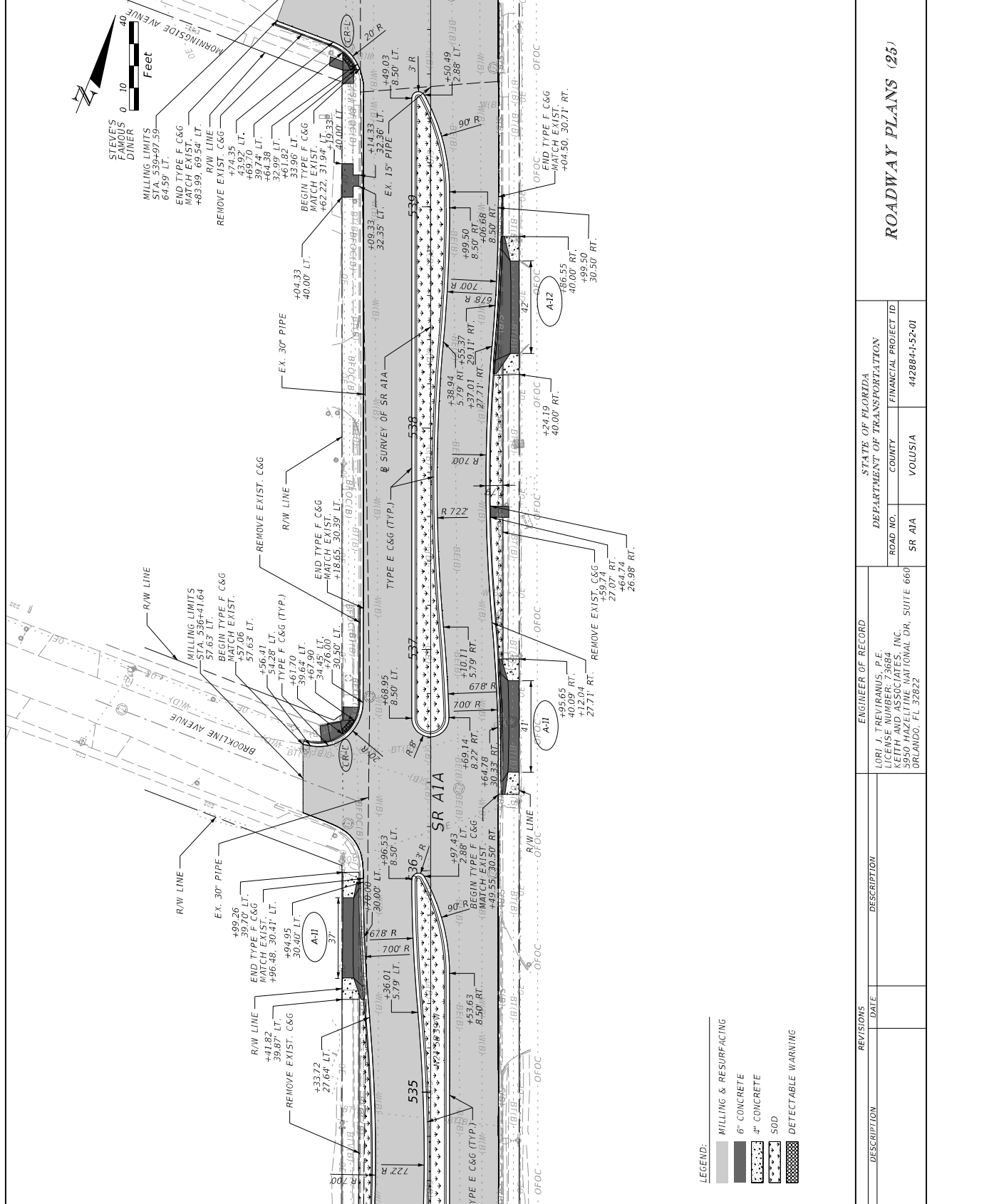
SR A1A

| REVISIONS | |
|-----------|-------------|
| DATE | DESCRIPTION |
| | |

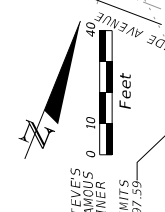
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| ROAD NO. | SR A1A |
| COUNTY | VOLUSIA |
| FINANCIAL PROJECT ID | 442884-I-52-01 |

SHEET NO. 52

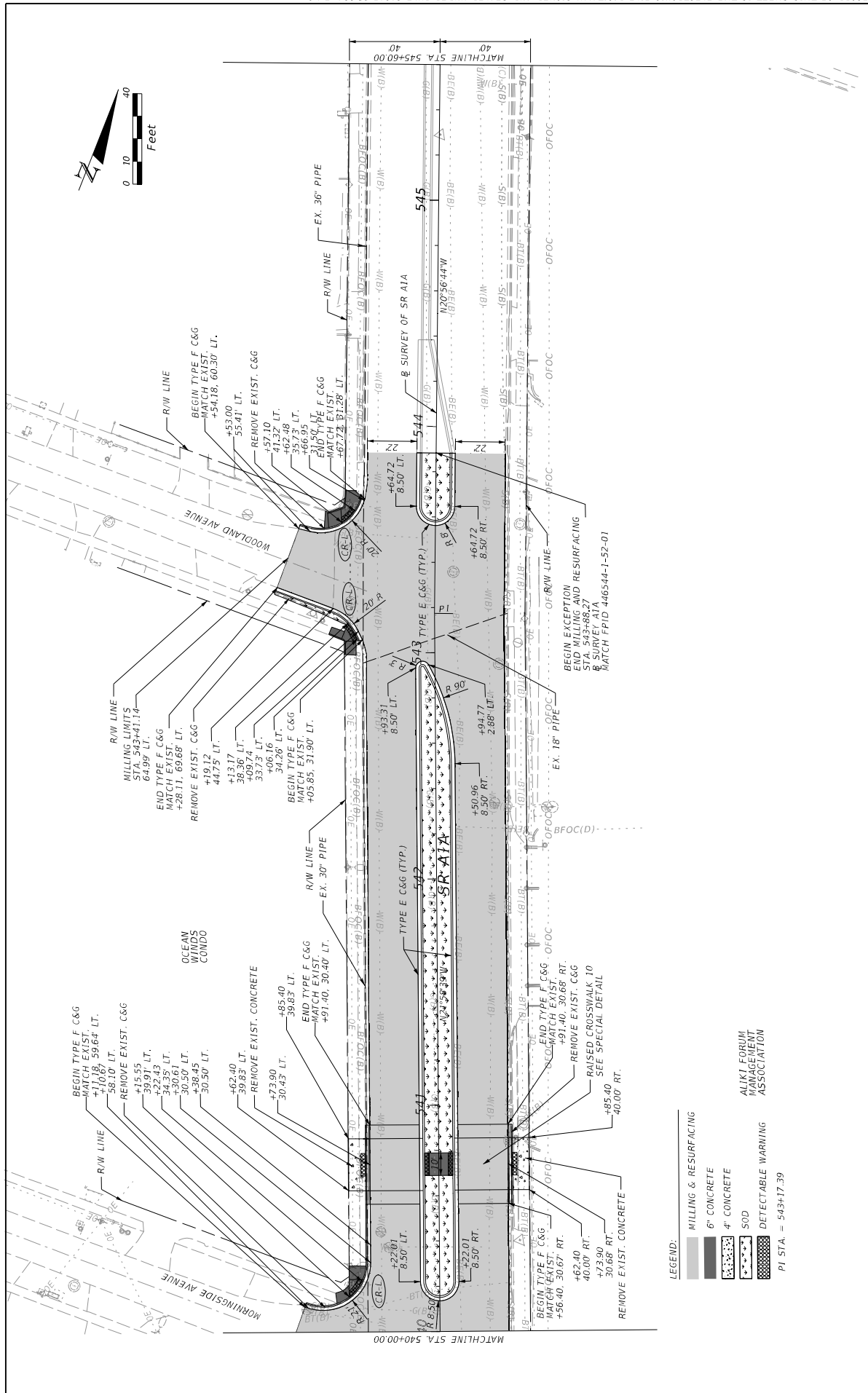
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND:**
- MILLING & RESURFACING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
 - DETECTABLE WARNING



STEVE'S FAMOUS DINER
MORNINGSIDE AVENUE

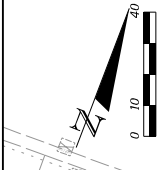
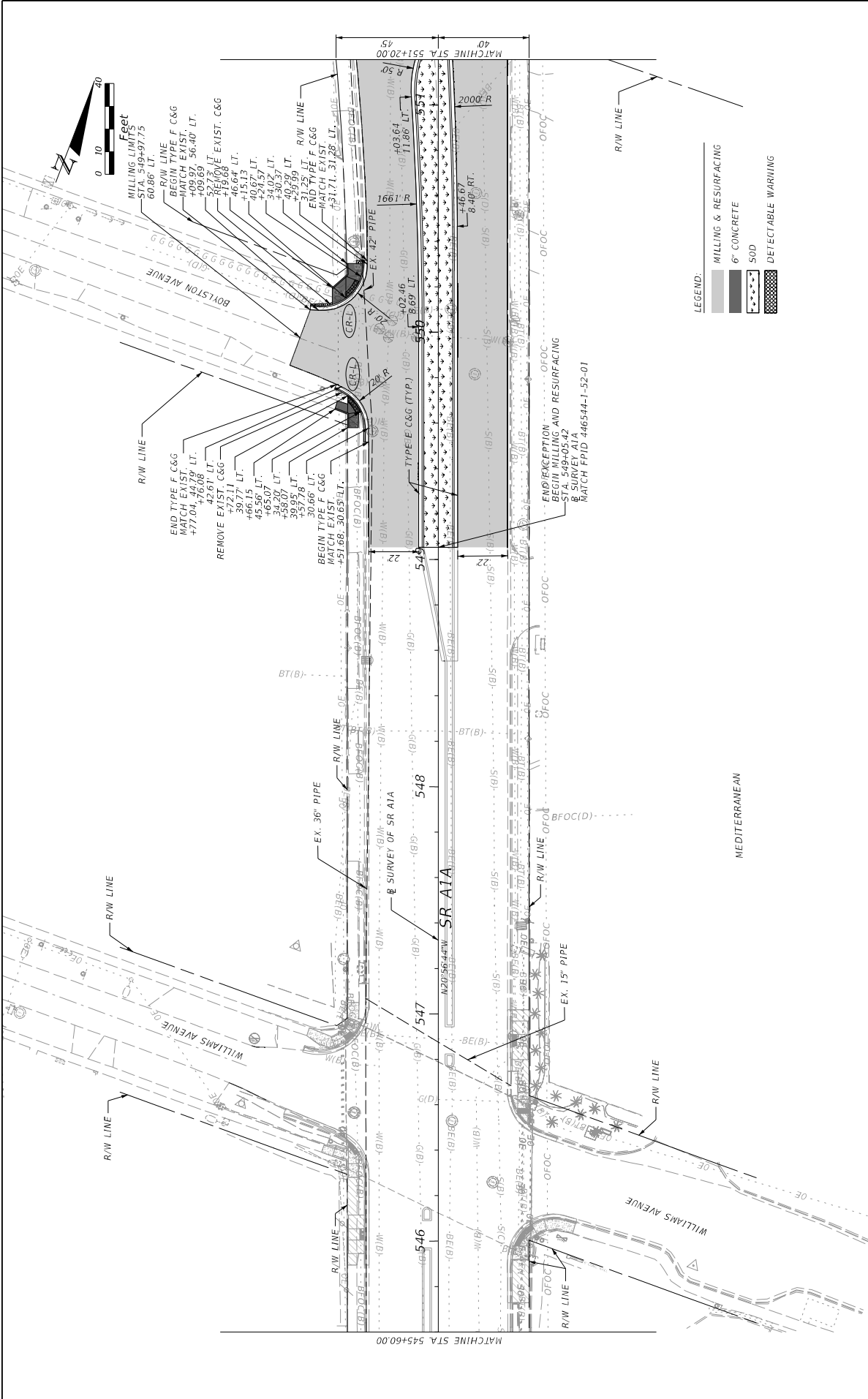


| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
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| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-I-52-01 | SHEET NO. 53 |
|--|--|--|--------------|

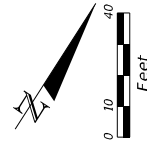
- LEGEND:
- MILLING & RESURFACING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
 - DETECTABLE WARNING
 - PI STA. = 543+17.39

ALJK FORUM
MANAGEMENT
ASSOCIATION

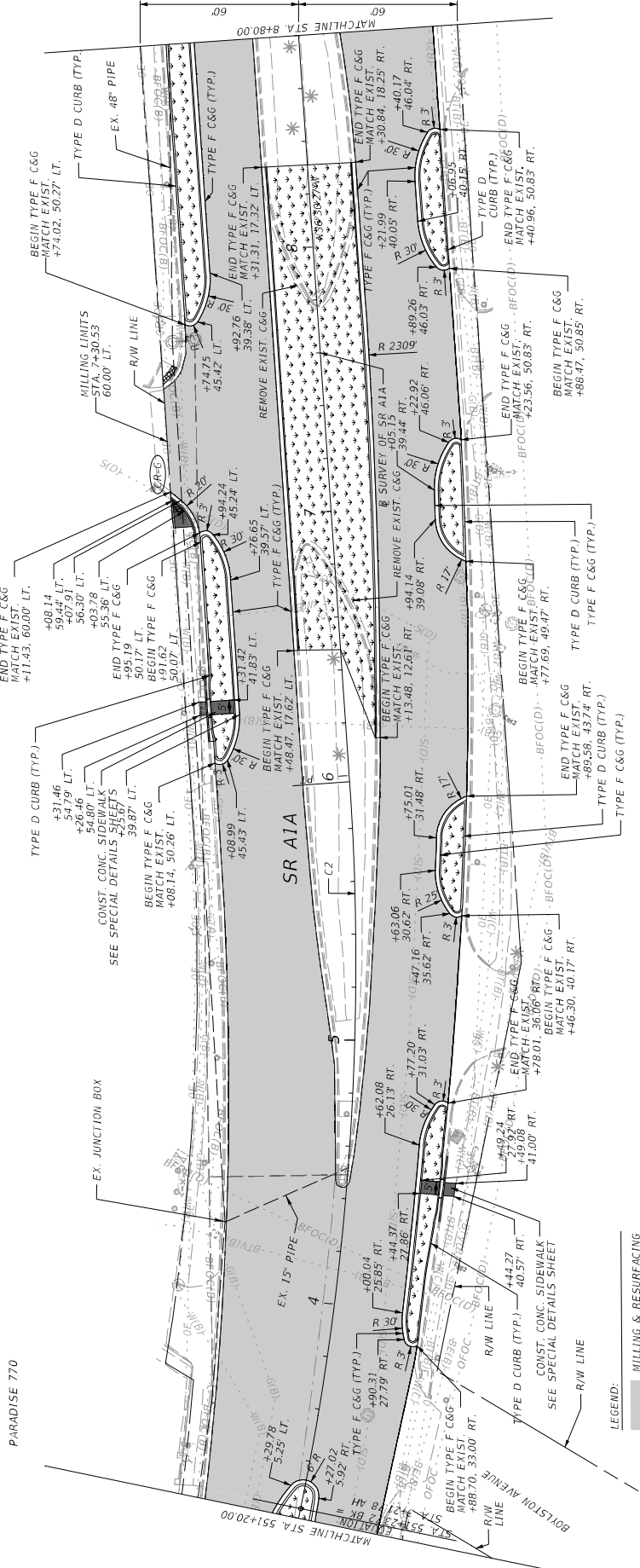


- LEGEND:
- MILLING & RESURFACING
 - 6" CONCRETE
 - SOD
 - DETECTABLE WARNING

| DATE | REVISIONS | DESCRIPTION | ENGINEER OF RECORD | DEPARTMENT OF TRANSPORTATION | ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
|---------------------------|-----------|-------------|---|------------------------------|----------|----------------|----------------------|
| | | | LORI J. REVIRANUS, P.E. KATHY E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | SR A1A | VOLUSIA | 442884-I-52-01 | |
| ROADWAY PLANS (27) | | | | | | | |
| SHEET NO. 54 | | | | | | | |

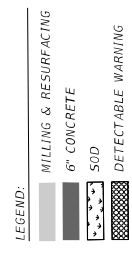


AMSCOT - THE MONEY SUPERSTORE



C2

| | | |
|---------|---|----------------|
| PI STA. | = | 4+60.55 |
| A | = | 15°33'43" (LT) |
| D | = | 05°38'30" |
| T | = | 138.77 |
| L | = | 275.83 |
| PC STA. | = | 3+015.96 |
| PT STA. | = | 5+497.61 |
| e | = | RC |

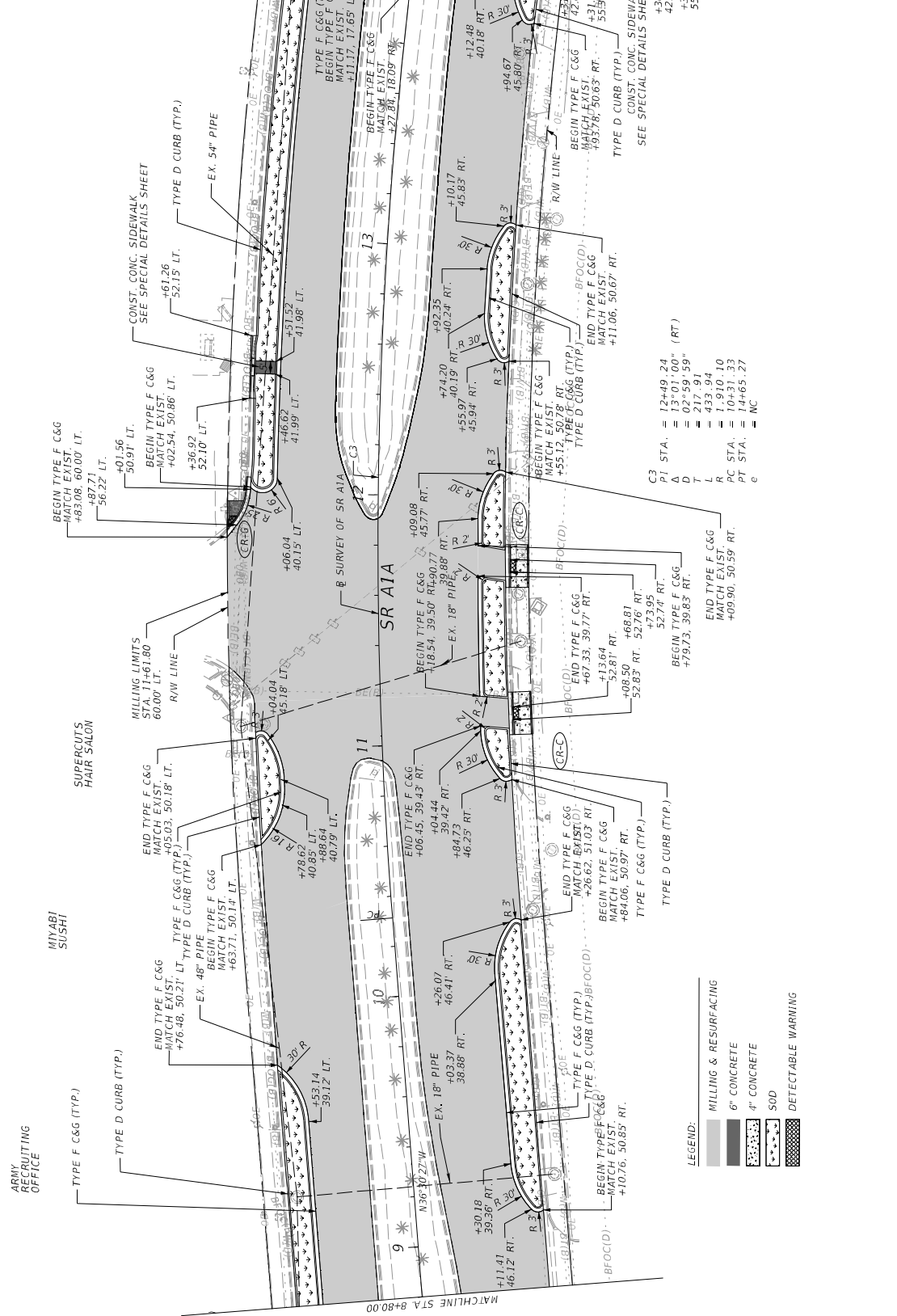
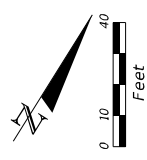


GRAND SEAS RESORT

| REVISIONS | | DESCRIPTION | |
|-----------|--|-------------|--|
| DATE | | DATE | |
| | | | |

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|--|--|------------------------------|---------------|
| ENGINEER OF RECORD | | STATE OF FLORIDA | |
| LORI J. TRIVIRANUS, P.E. | | DEPARTMENT OF TRANSPORTATION | |
| KEITH AND ASSOCIATES, INC. | | ROAD NO. | COUNTY |
| 5950 HAZELTINE NATIONAL DR., SUITE 660 | | SR A1A | VOLUSIA |
| ORLANDO, FL 32822 | | FINANCIAL PROJECT ID | 442884-152-01 |

| | |
|---------------------------|----|
| SHEET NO. | 55 |
| ROADWAY PLANS (28) | |



ARMY RECRUITING OFFICE
MINABI SUSHI
SUPER CUTS HAIR SALON

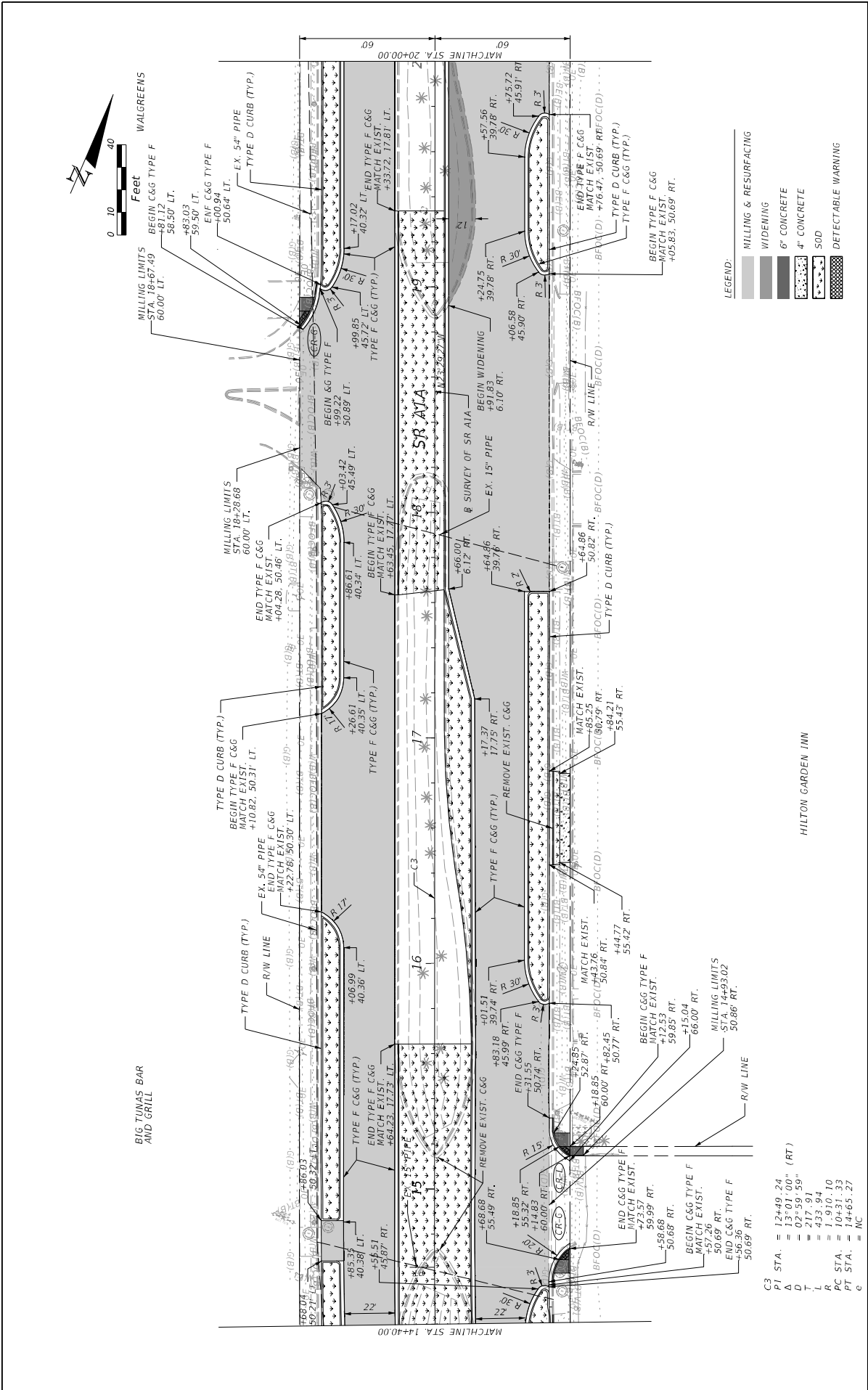
- LEGEND:
- MILLING & RESURFACING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
 - DETECTABLE WARNING

PI STA. = 12+49.24
 Δ = 13°01'00" (RT)
 D = 02°59'59"
 T = 217.91
 R = 150.00
 PC STA. = 10+31.33
 PT STA. = 14+65.27
 e = NC

| REVISIONS | | DESCRIPTION | |
|-----------|-------------|-------------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

| | | | |
|--|---------------|------------------------------|---------|
| ENGINEER OF RECORD | | STATE OF FLORIDA | |
| LORI J. REVIRIANNIS, P.E. LORI J. REVIRIANNIS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION | |
| ROAD NO. | SR A1A | COUNTY | VOLUSIA |
| FINANCIAL PROJECT ID | 442884-152-01 | | |

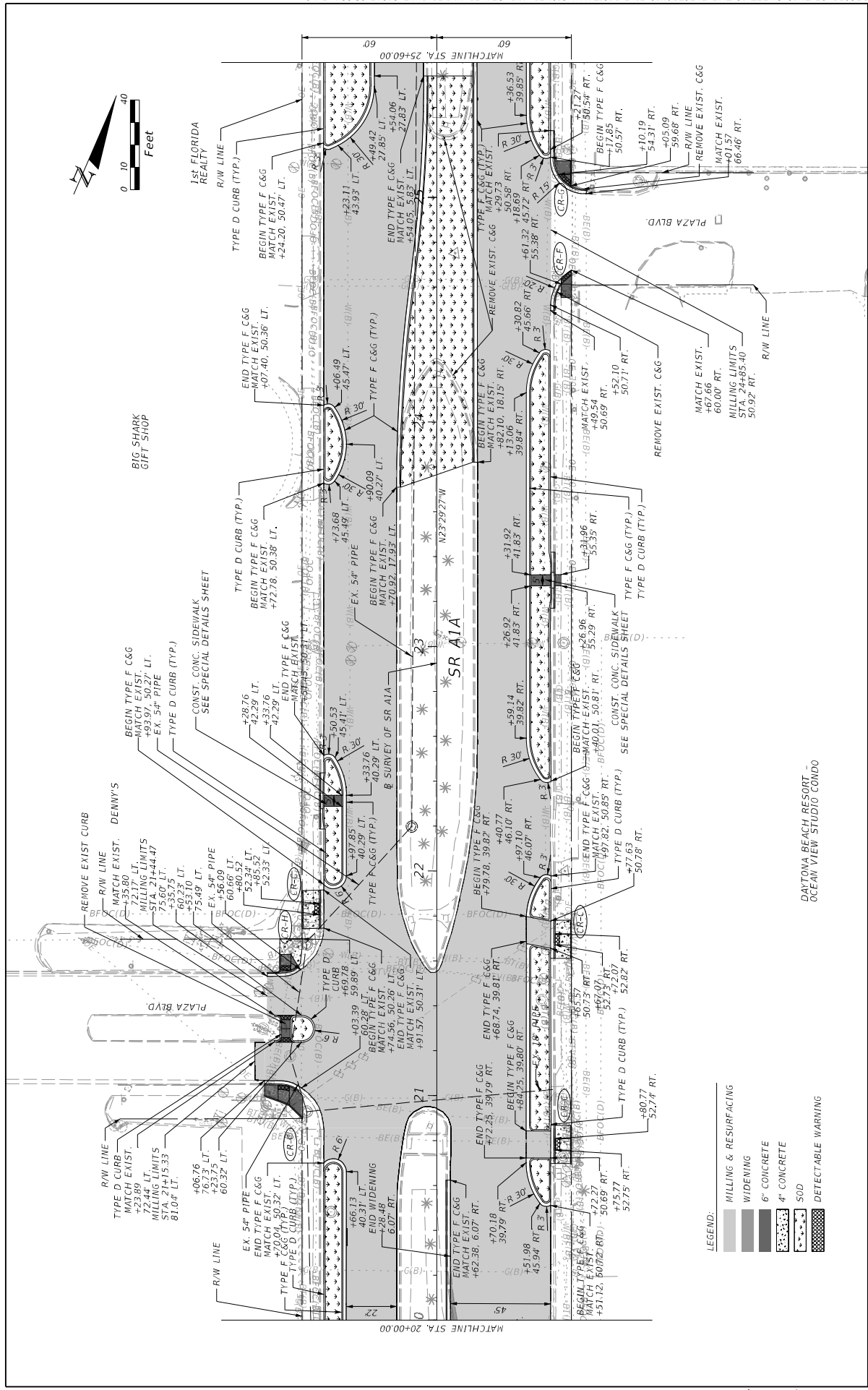
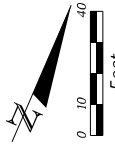
| | |
|---------------------------|----|
| SHEET NO. | 56 |
| ROADWAY PLANS (29) | |



| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

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| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-I-52-01 | |
|--|--|--|--|

| | |
|---------------------------|----|
| ROADWAY PLANS (50) | |
| SHEET NO. | 57 |



- LEGEND:**
- MILLING & RESURFACING
 - WIDENING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD
 - DETECTABLE WARNING

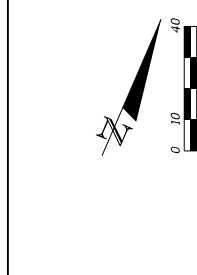
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

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|---|--|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-1-52-01 |
|---|--|--|

| | |
|--------------------|----|
| ROADWAY PLANS (51) | |
| SHEET NO. | 58 |

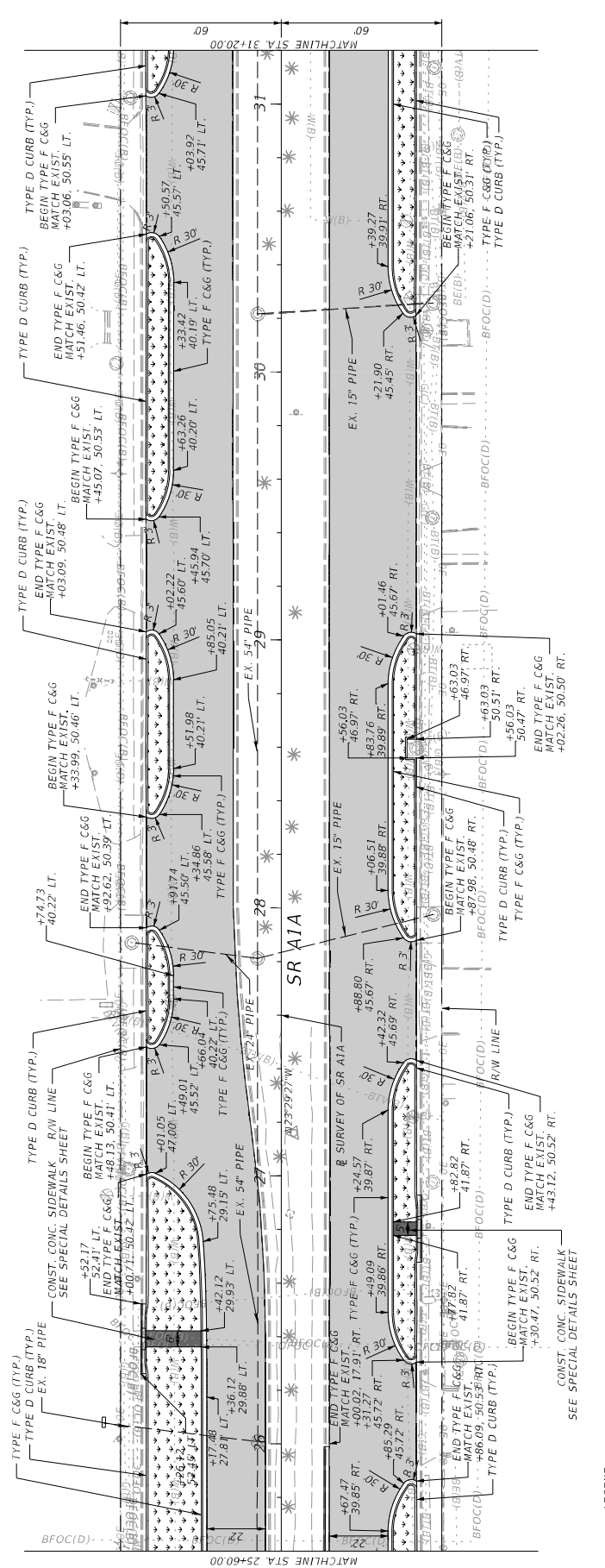
2/17/2024 10:58:08 M: adkka\104811507\Roadway\PLANS\02.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DAYTONA BITES

OCEAN CLUB GIFT SHOP



CONST. CONC. SIDEWALK
SEE SPECIAL DETAILS SHEET

CONST. CONC. SIDEWALK
SEE SPECIAL DETAILS SHEET

CONST. CONC. SIDEWALK
SEE SPECIAL DETAILS SHEET

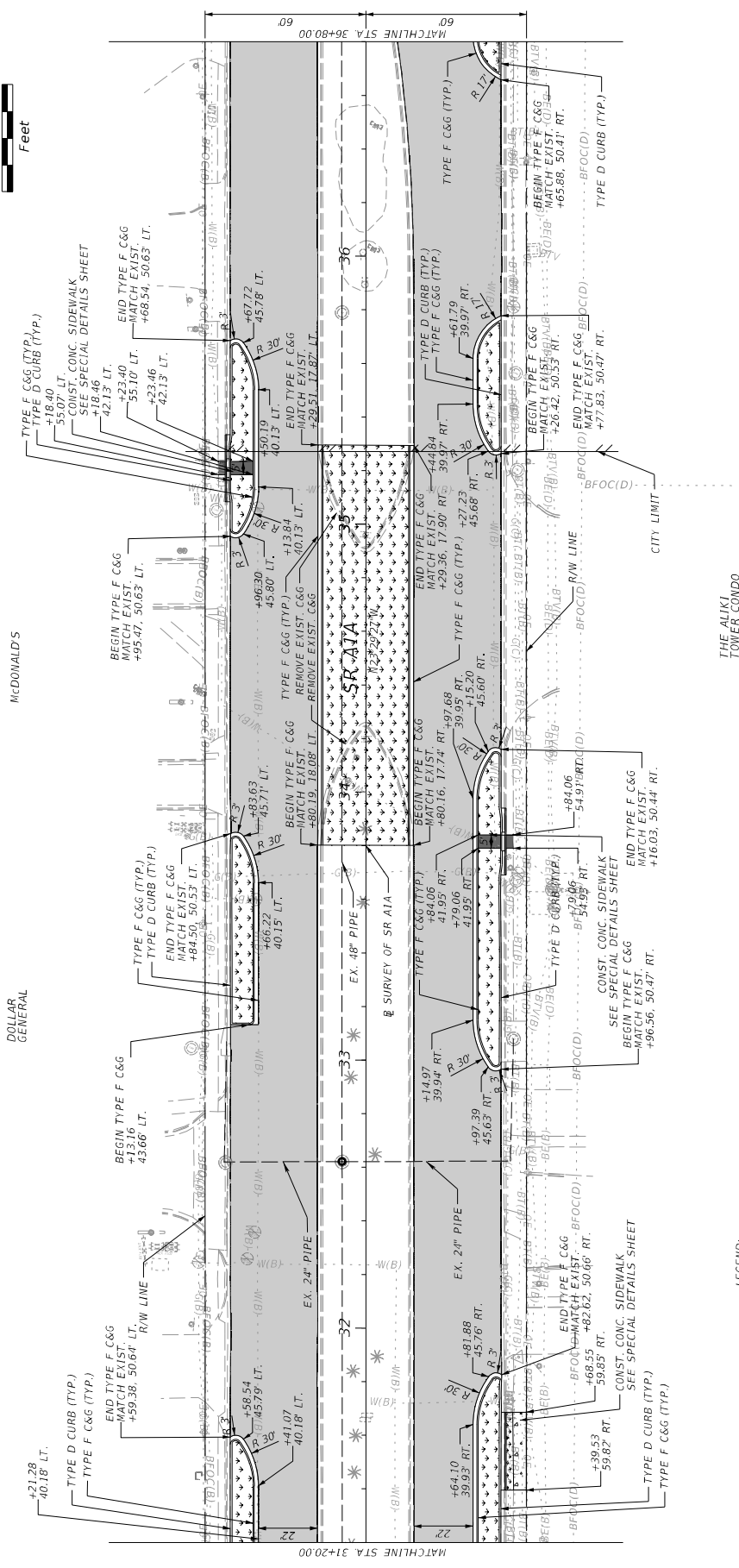
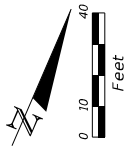
CONST. CONC. SIDEWALK
SEE SPECIAL DETAILS SHEET

CONST. CONC. SIDEWALK
SEE SPECIAL DETAILS SHEET

| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD | DEPARTMENT OF TRANSPORTATION | SHEET NO. |
|------|-------------|-----------|---|------------------------------------|-----------|
| | | | LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | SR A1A | 59 |
| | | | | ROAD NO. SR A1A | |
| | | | | COUNTY VOLUSTA | |
| | | | | FINANCIAL PROJECT ID 442884-152-01 | |

ROADWAY PLANS (52)

A MAN PART, INC. ALIKI CONDO

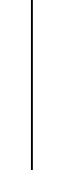
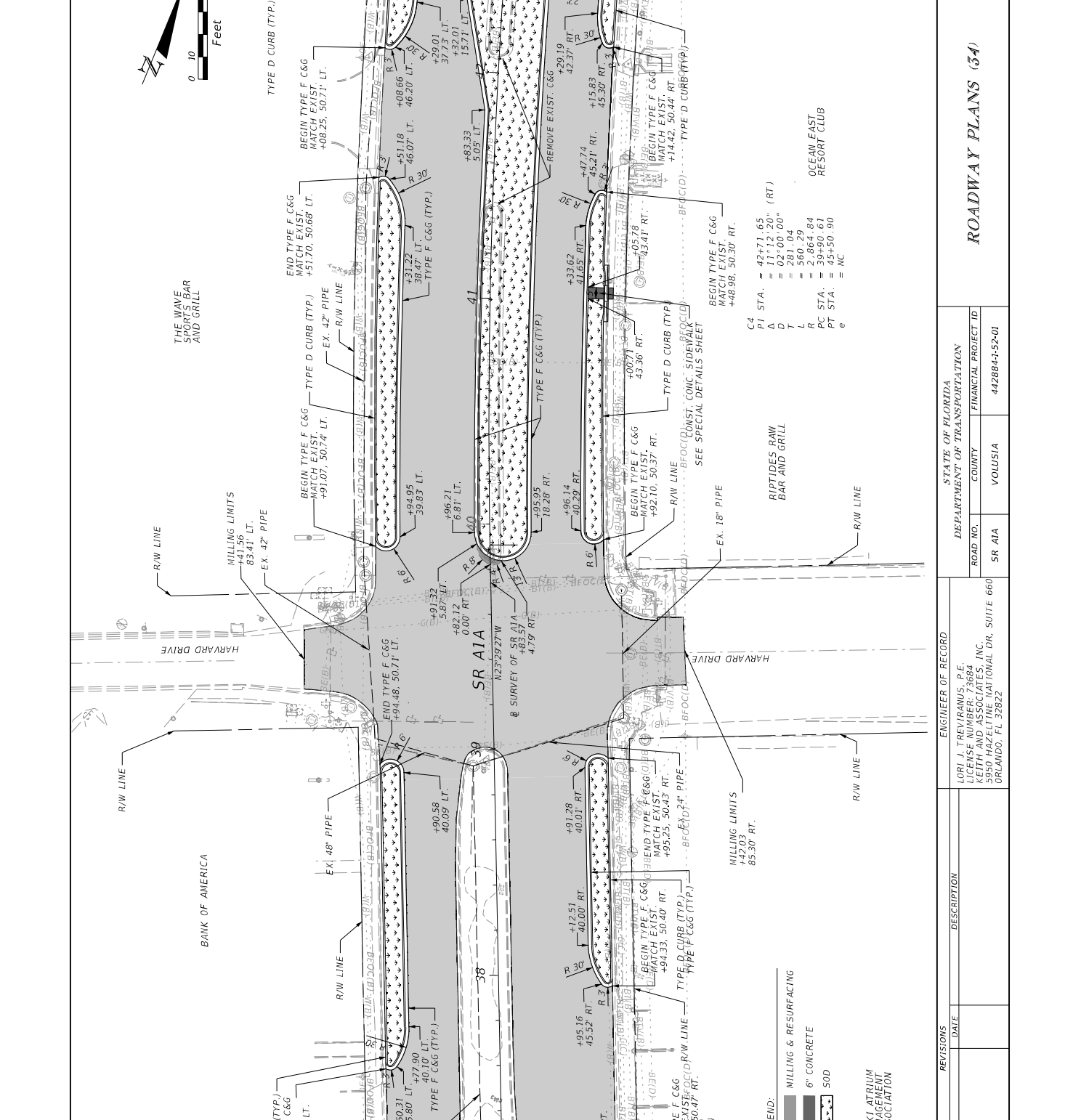


- LEGEND:
- MILLING & RESURFACING
 - 6" CONCRETE
 - 4" CONCRETE
 - SOD

| REVISIONS | | DESCRIPTION | DATE |
|-----------|--|-------------|------|
| | | | |

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|--|--|---|--------------|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. L&J ENGINEERING, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTIA FINANCIAL PROJECT ID 442884-I-52-01 | SHEET NO. 60 |
|--|--|---|--------------|

ROADWAY PLANS (53)



THE WAVE
SPORTS BAR
AND GRILL

RIOTIDES RAW
BAR AND GRILL

OCEAN EAST
RESORT CLUB

LEGEND:
 MILLING & RESURFACING
 6" CONCRETE
 SOD

ALIKI ATRIUM
MANAGEMENT
ASSOCIATION

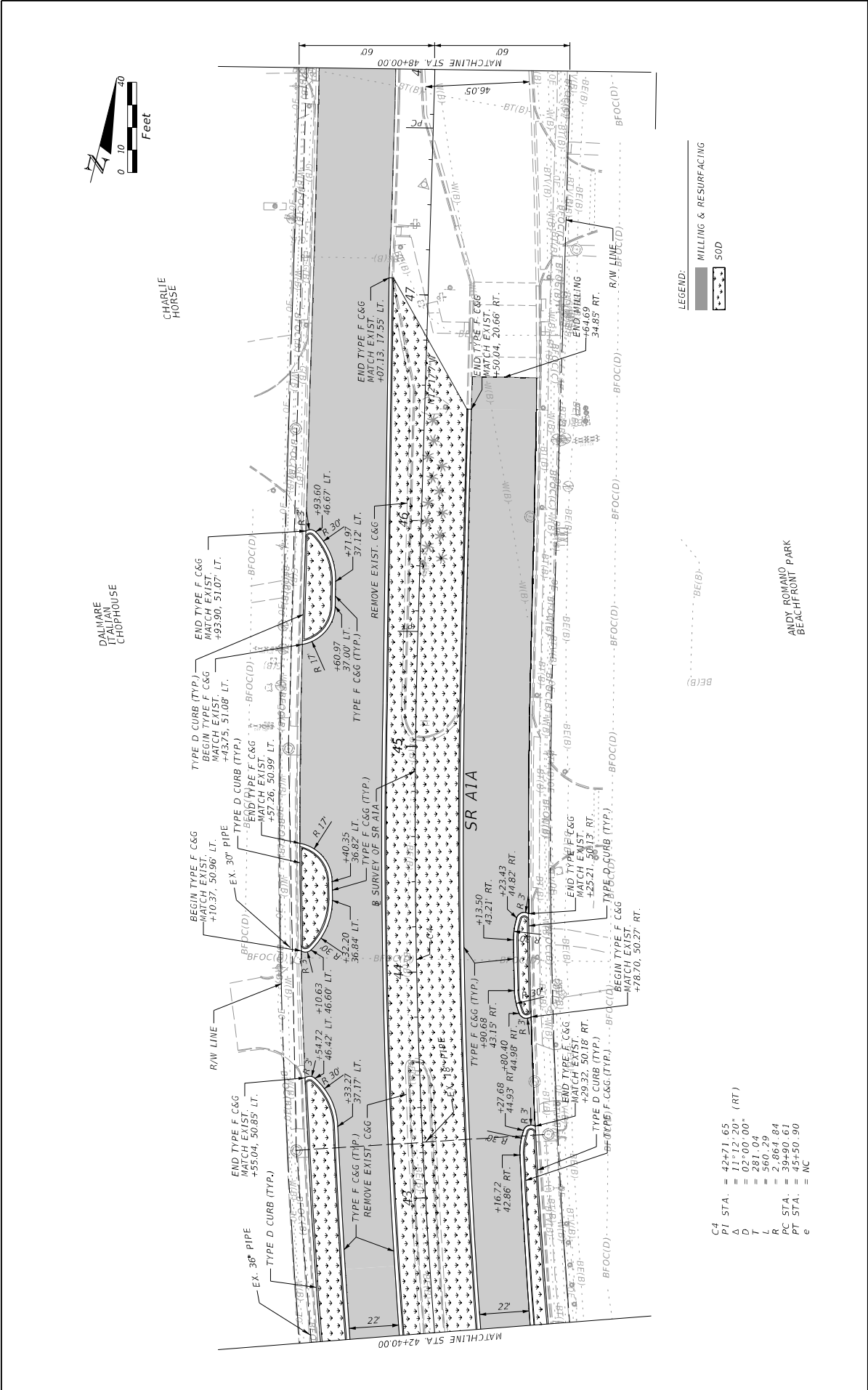
C4
PI STA. = 42471.65
A = 11° 12' 20" (RT)
D = 02° 00' 00"
T = 281.04
L = 560.29
R = 2,864.84
PC STA. = 39450.61
PT STA. = 40450.90
= MC

| DATE | DESCRIPTION | REVISIONS | ENGINEER OF RECORD | DEPARTMENT OF TRANSPORTATION | STATE OF FLORIDA |
|------|-------------|-----------|--|------------------------------|----------------------|
| | | | LORI J. TRIVIRANUS, P.E. LORI J. TRIVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | SR A1A | VOLUSTA |
| | | | | ROAD NO. | FINANCIAL PROJECT ID |
| | | | | 442884-152-01 | |

ROADWAY PLANS (34)

SHEET NO. 61

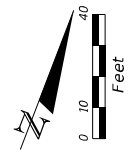
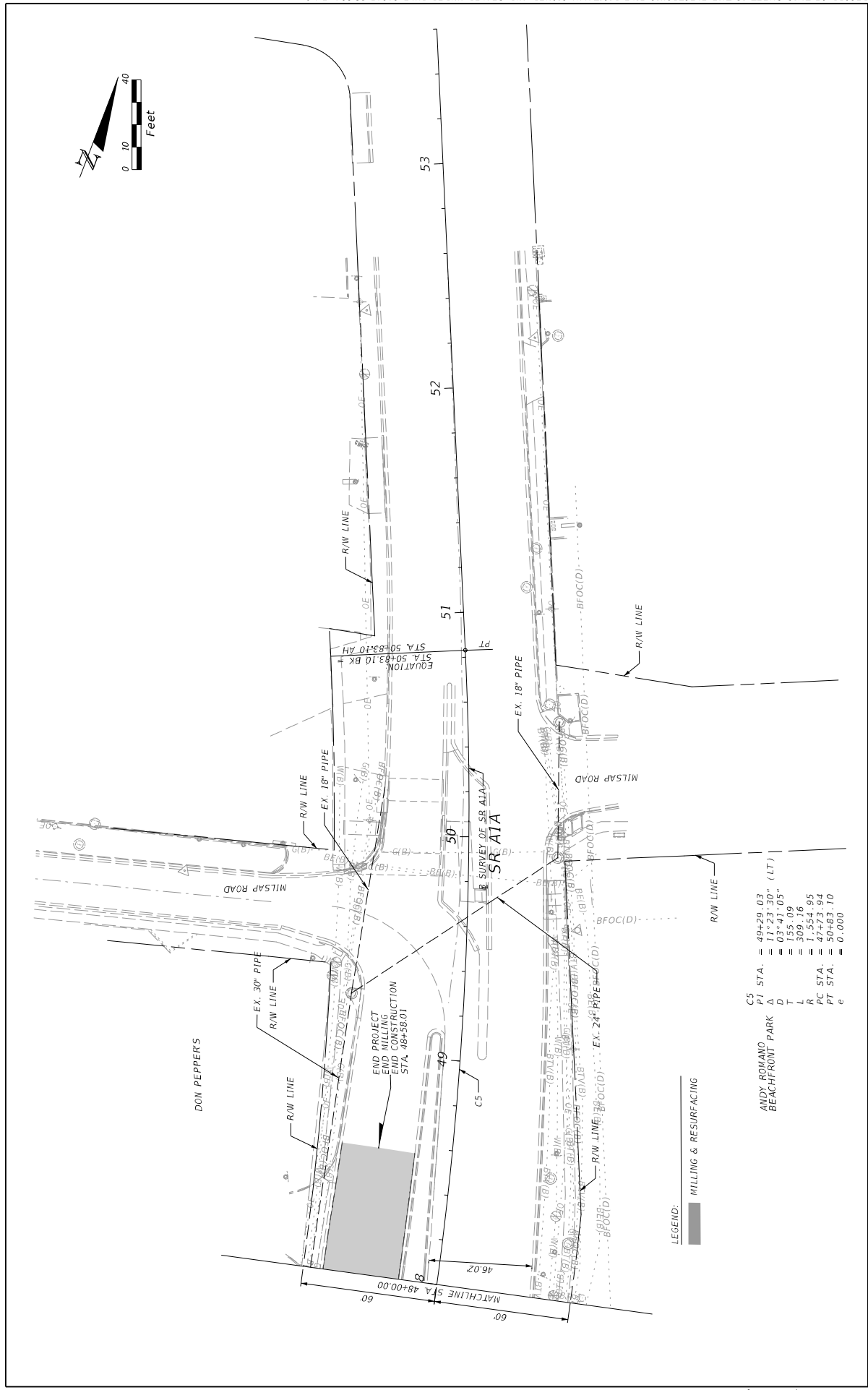
2/16/2024 11:09:09 AM hzhghon N:\10\15615\FDOT\442884\15201\ROADWAY\PLANS\02.dwg



| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

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| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. L&J TRIVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-152-01 | |
|--|--|---|--|

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY PLANS (55) | | SHEET NO. 62 |
|--|--|--------------|



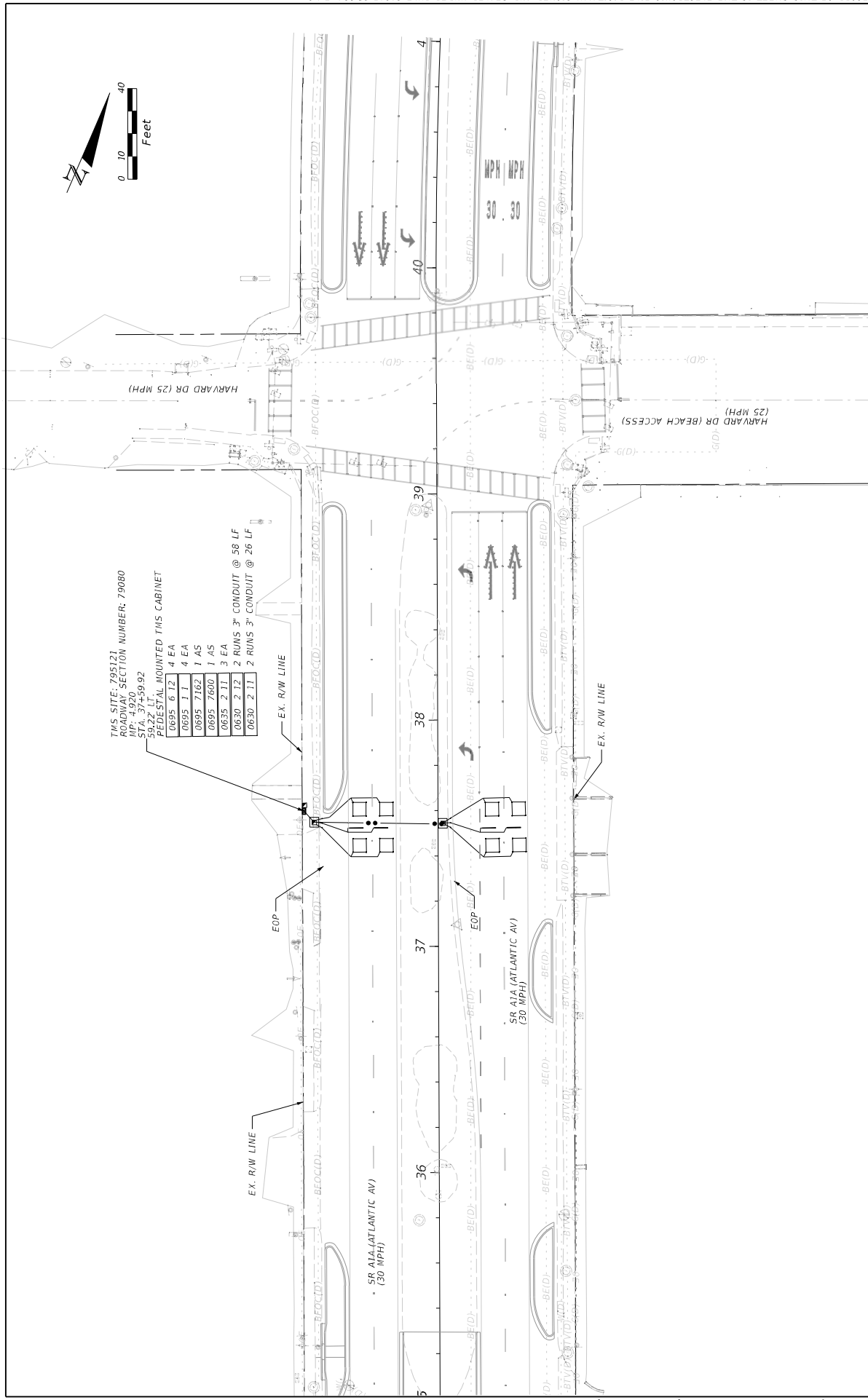
C5
 PT STA. = 49+29.03
 Δ = 11°23'30" (LT)
 D = 03°41'05"
 T = 155.09
 L = 309.16
 R = 1,554.95
 PC STA. = 49+34.94
 PT STA. = 50+63.10
 e = 0.000

LEGEND:
 ■ MILLING & RESURFACING

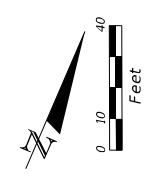
| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
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|--|--|--------|-------------------|---------------------------------------|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | SR A1A | COUNTY VOLUSTA | FINANCIAL PROJECT ID 442884-152-01 |
|--|--|--------|-------------------|---------------------------------------|

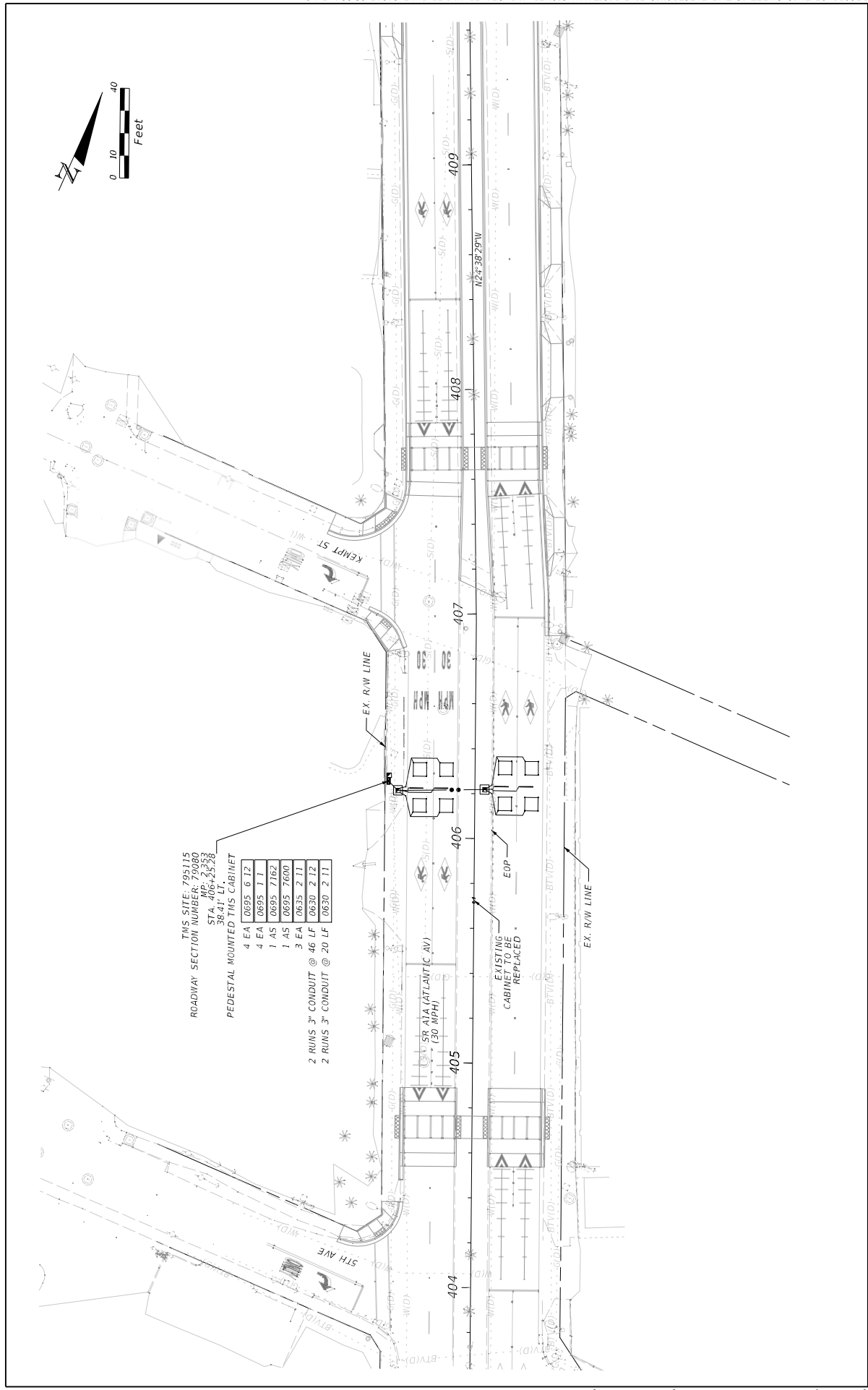
| | | | | |
|--|--|---------------------------|--|-----------------|
| DEPARTMENT OF TRANSPORTATION STATE OF FLORIDA | | ROADWAY PLANS (56) | | SHEET NO. 63 |
|--|--|---------------------------|--|-----------------|



- TMS SITE: 795121
 ROADWAY SECTION NUMBER: 79080
 MP: 4.920
 STA: 37+59.92
 PEDESTAL MOUNTED TMS CABINET
- | | |
|------------|---------------------------|
| 0695 6 12 | 4 EA |
| 0695 1 1 | 4 EA |
| 0695 7 162 | 1 AS |
| 0695 7600 | 1 AS |
| 0635 2 11 | 3 EA |
| 0630 2 12 | 2 RUNS 3" CONDUIT @ 58 LF |
| 0630 2 11 | 2 RUNS 3" CONDUIT @ 26 LF |



| REVISIONS | | DESCRIPTION | | ENGINEER OF RECORD | | DEPARTMENT OF TRANSPORTATION | | STATE OF FLORIDA | | TRAFFIC MONITORING SITE | | SHEET NO. | |
|-----------|-------------|-------------|-------------|--------------------|--|------------------------------|---------|----------------------|---------|-------------------------|-----------|-----------|--|
| DATE | DESCRIPTION | DATE | DESCRIPTION | NAME | ADDRESS | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | STATE | PROJECT | SHEET NO. | NO. | |
| | | | | ERZ DRYAN, P.E. | 63744 AVANT ENGINEERING GROUP, LLC 2599 LEE ROAD, SUITE 401 WINTER PARK, FL 32789 | SR A1A | VOLUSIA | 442884-52-01 | FLORIDA | TRAFFIC MONITORING SITE | 64 | | |



TMS SITE: 79515
 ROADWAY SECTION NUMBER: 79515
 MP: 2.353
 STA. 406+25.28
 38.41' LT.
 PEDESTAL MOUNTED TMS CABINET

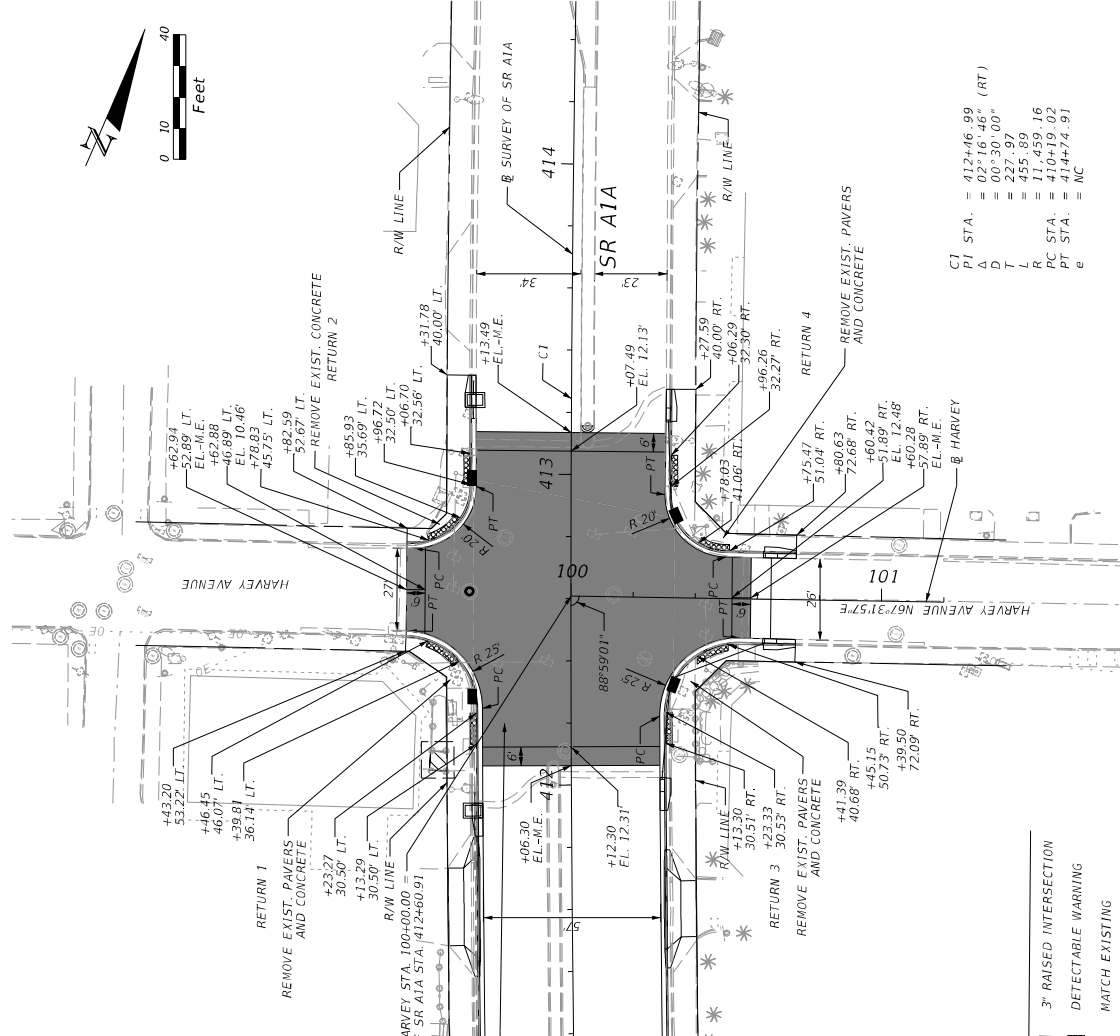
| | |
|------|------------|
| 4 EA | 0695 6 12 |
| 4 EA | 0695 7 1 |
| 1 AS | 0695 7 162 |
| 1 AS | 0695 7600 |
| 3 EA | 0635 2 11 |
| 2 EA | 0630 2 12 |
| 2 LF | 0630 2 11 |

 2 RUMS 3" CONDUIT @ 46 LF
 2 RUMS 3" CONDUIT @ 20 LF

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

| | | | |
|---|--|--|--------------|
| ENGINEER OF RECORD ERIC DAYAM, P.E. 63744 AVANT ENGINEERING GROUP, LLC 2599 LEE ROAD, SUITE 401 WINTER PARK, FL 32789 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-52-01 | SHEET NO. 65 |
|---|--|--|--------------|

| Harvey Avenue | Return 1 | Return 2 | Return 3 | Return 4 |
|---------------|-----------|-----------|------------|-----------|
| Station | 412+06.31 | 412+76.17 | 412+406.28 | 412+23.23 |
| Offset | 38.50 | 52.77 | 38.50 | 58.03 |
| Elevation | 11.35 | 6.69 | 11.22 | 12.28 |
| Station | 412+12.30 | 412+12.30 | 412+12.30 | 412+73.44 |
| Offset | 28.50 | 50.47 | 28.50 | 52.02 |
| Elevation | 11.51 | 10.22 | 11.51 | 12.17 |
| Station | 412+24.78 | 412+24.78 | 412+24.78 | 412+23.48 |
| Offset | 28.50 | 46.77 | 28.50 | 49.91 |
| Elevation | 11.40 | 11.52 | 11.52 | 12.08 |
| Station | 412+42 | 412+42 | 412+40.19 | 412+79.50 |
| Offset | 35.44 | 36.35 | 36.05 | 35.99 |
| Elevation | 10.92 | 10.64 | 11.56 | 11.51 |
| Station | 412+49.64 | 412+49.64 | 412+47.32 | 412+93.59 |
| Offset | 52.30 | 30.50 | 54.18 | 30.26 |
| Elevation | 11.37 | 11.37 | 11.37 | 11.37 |
| Station | 412+48.83 | 412+47.68 | 412+47.68 | 412+07.20 |
| Offset | 47.04 | 30.58 | 51.75 | 30.27 |
| Elevation | 10.24 | 11.37 | 12.14 | 11.31 |
| Station | 412+49.67 | 412+49.67 | 412+47.23 | 412+13.32 |
| Offset | 53.03 | 30.63 | 57.75 | 30.26 |
| Elevation | 9.74 | 11.11 | 12.23 | 11.09 |



C1 STA. = 412+46.89
 A = 0251+45" (RT)
 D = 00+30+00" (RT)
 T = 227.97
 L = 455.89
 R STA. = 11+459.16
 PC STA. = 410+19.02
 PT STA. = 414+74.91
 e = NC

LEGEND:
 3' RAISED INTERSECTION
 DETECTABLE WARNING
 M.E. MATCH EXISTING

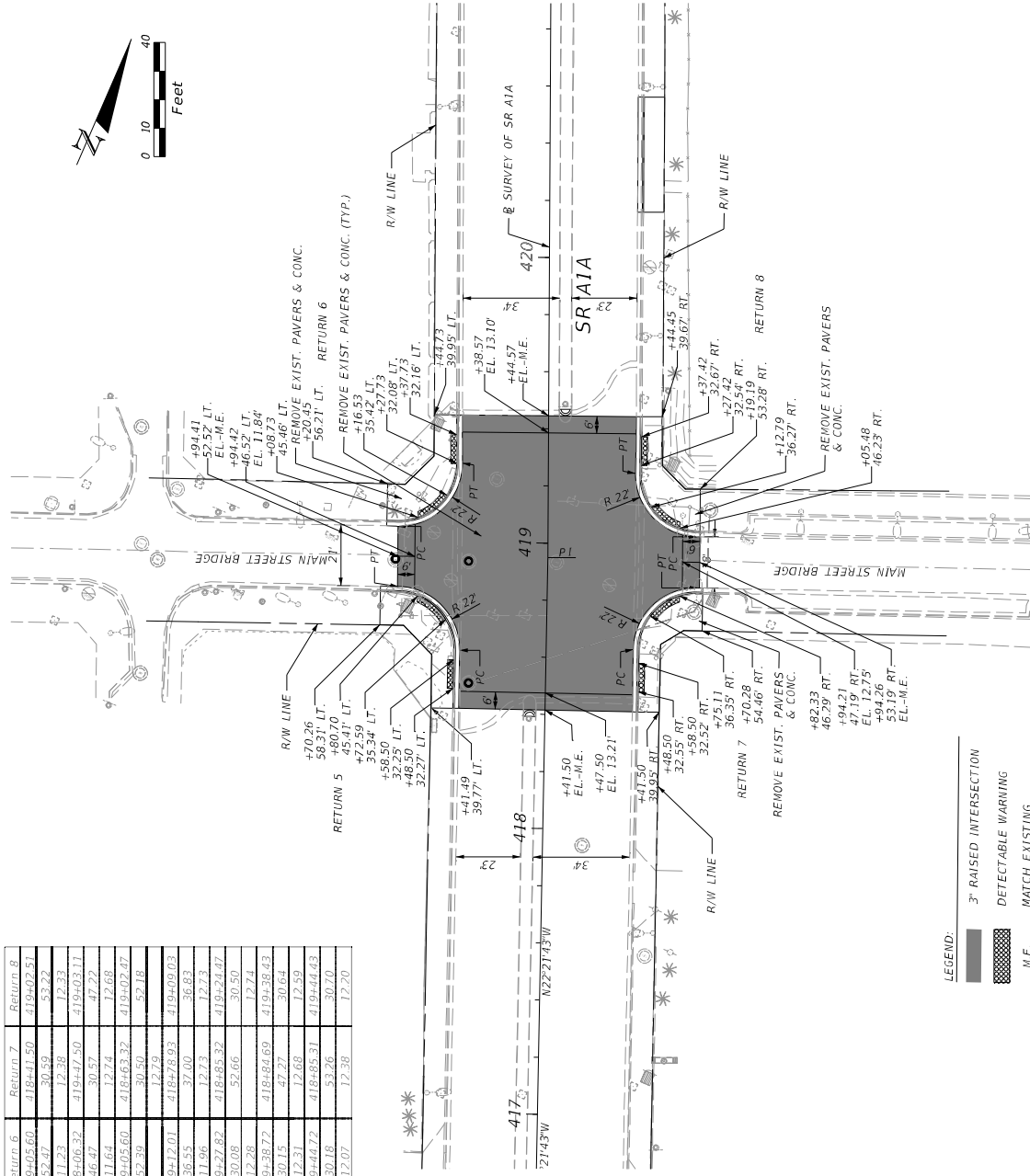
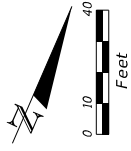
HARVEY AVENUE

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

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| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KELCEY & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-I-52-01 | SHEET NO. 66 |
|--|--|--|--------------|

INTERSECTION DETAILS

| Main Street | Return 5 | Return 6 | Return 7 | Return 8 |
|-------------|-----------|-----------|-----------|-----------|
| Station | 418+41.50 | 419+05.60 | 419+41.50 | 419+02.51 |
| Offset | 30.13 | 52.47 | 30.59 | 53.22 |
| Elevation | 12.10 | 11.23 | 12.38 | 12.33 |
| Station | 418+47.50 | 418+06.32 | 419+47.50 | 419+03.11 |
| Offset | 30.17 | 46.47 | 30.57 | 47.22 |
| Elevation | 12.33 | 11.64 | 12.74 | 12.68 |
| Station | 418+61.06 | 419+05.60 | 418+63.32 | 419+02.47 |
| Offset | 30.25 | 52.59 | 30.50 | 52.18 |
| Elevation | 12.29 | 12.79 | 12.79 | 12.79 |
| Station | 418+77.38 | 419+12.01 | 418+78.93 | 419+09.03 |
| Offset | 36.31 | 36.55 | 37.00 | 36.63 |
| Elevation | 12.07 | 11.96 | 12.73 | 12.73 |
| Station | 418+83.90 | 419+27.82 | 418+85.32 | 419+24.47 |
| Offset | 52.03 | 30.08 | 52.66 | 30.50 |
| Elevation | 12.28 | 12.28 | 12.28 | 12.24 |
| Station | 418+83.12 | 419+38.72 | 418+84.69 | 419+38.43 |
| Offset | 46.43 | 30.15 | 47.27 | 30.64 |
| Elevation | 11.77 | 12.31 | 12.68 | 12.59 |
| Station | 418+83.91 | 419+44.72 | 418+85.31 | 419+44.43 |
| Offset | 52.13 | 30.18 | 53.26 | 30.10 |
| Elevation | 11.32 | 12.07 | 12.38 | 12.20 |

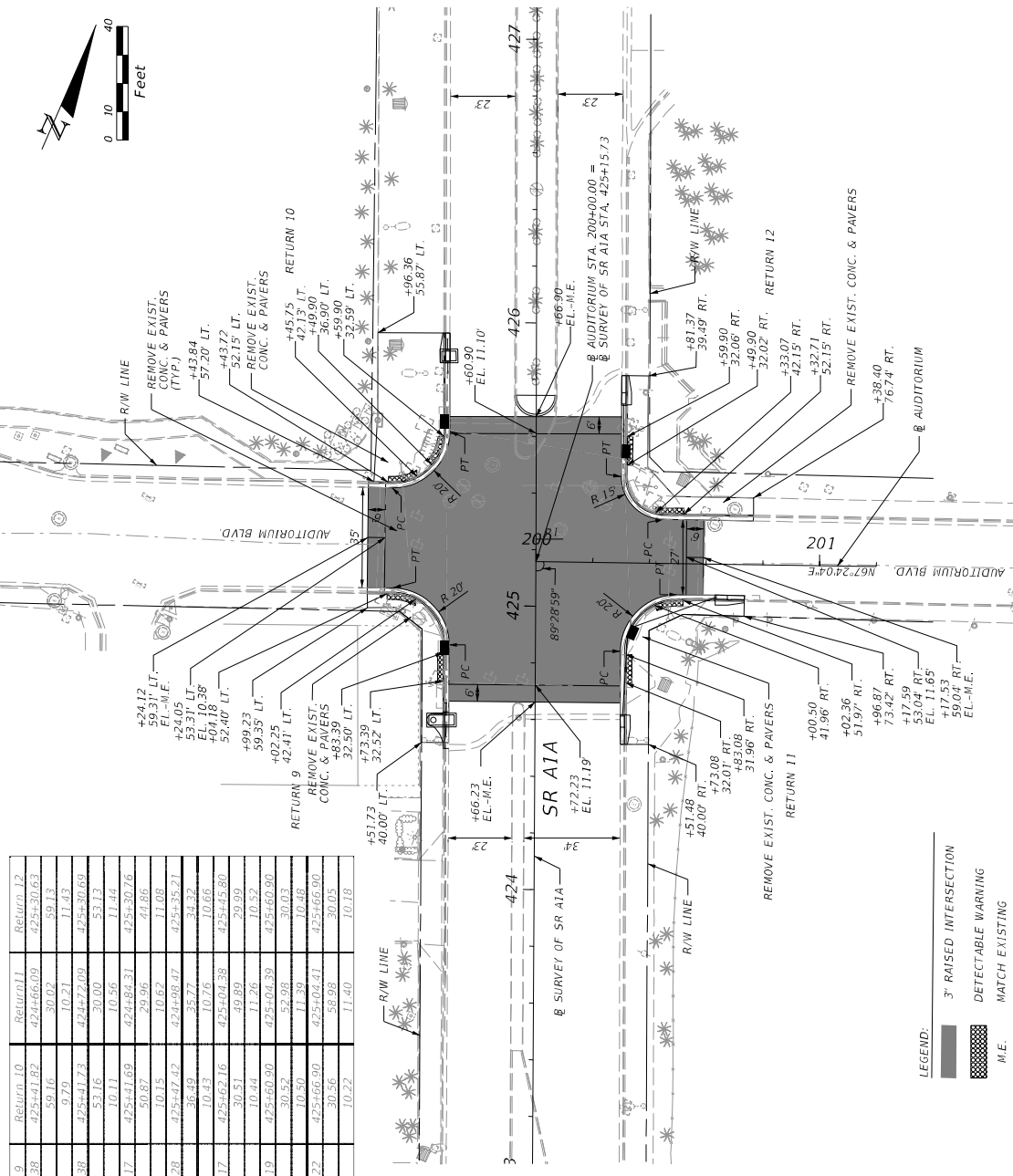
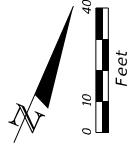


MAIN STREET BRIDGE

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

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| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. LORI TRIVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-I-52-01 | SHEET NO. 67 |
|---|--|--|--------------|

INTERSECTION DETAILS



| Auditorium Blvd | Return 9 | Return 10 | Return 11 | Return 12 |
|-----------------|-----------|-----------|-----------|-----------|
| Station | 424+66.38 | 425+41.82 | 424+66.09 | 425+30.63 |
| Begin Incline | Offset | 59.16 | 30.02 | 59.13 |
| Elevation | 10.34 | 9.70 | 10.21 | 11.43 |
| End Incline | Station | 424+72.38 | 425+41.73 | 425+30.69 |
| Offset | 30.53 | 53.16 | 30.00 | 53.13 |
| Elevation | 10.58 | 10.11 | 10.56 | 11.44 |
| PC | Station | 424+86.17 | 425+41.69 | 425+30.76 |
| Offset | 30.50 | 50.87 | 29.96 | 41.86 |
| Elevation | 10.15 | 10.62 | 11.08 | |
| Midpoint | Station | 425+00.28 | 425+42.42 | 425+35.21 |
| Offset | 36.33 | 36.49 | 35.77 | 34.32 |
| Elevation | 10.09 | 10.43 | 10.16 | 10.66 |
| PT | Station | 425+06.17 | 425+63.16 | 425+04.38 |
| Offset | 30.41 | 30.51 | 19.89 | 29.99 |
| Elevation | 10.20 | 10.44 | 11.26 | 10.52 |
| Begin Decline | Station | 425+06.19 | 425+60.90 | 425+04.39 |
| Offset | 53.39 | 30.52 | 52.98 | 30.03 |
| Elevation | 10.14 | 10.50 | 11.39 | 10.48 |
| End Decline | Station | 425+06.22 | 425+66.90 | 425+04.41 |
| Offset | 59.39 | 30.56 | 58.98 | 30.05 |
| Elevation | 9.81 | 10.22 | 11.40 | 10.18 |

LEGEND:
 3' RAISED INTERSECTION
 DETECTABLE WARNING
 M.I.E. MATCH EXISTING

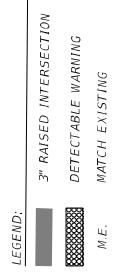
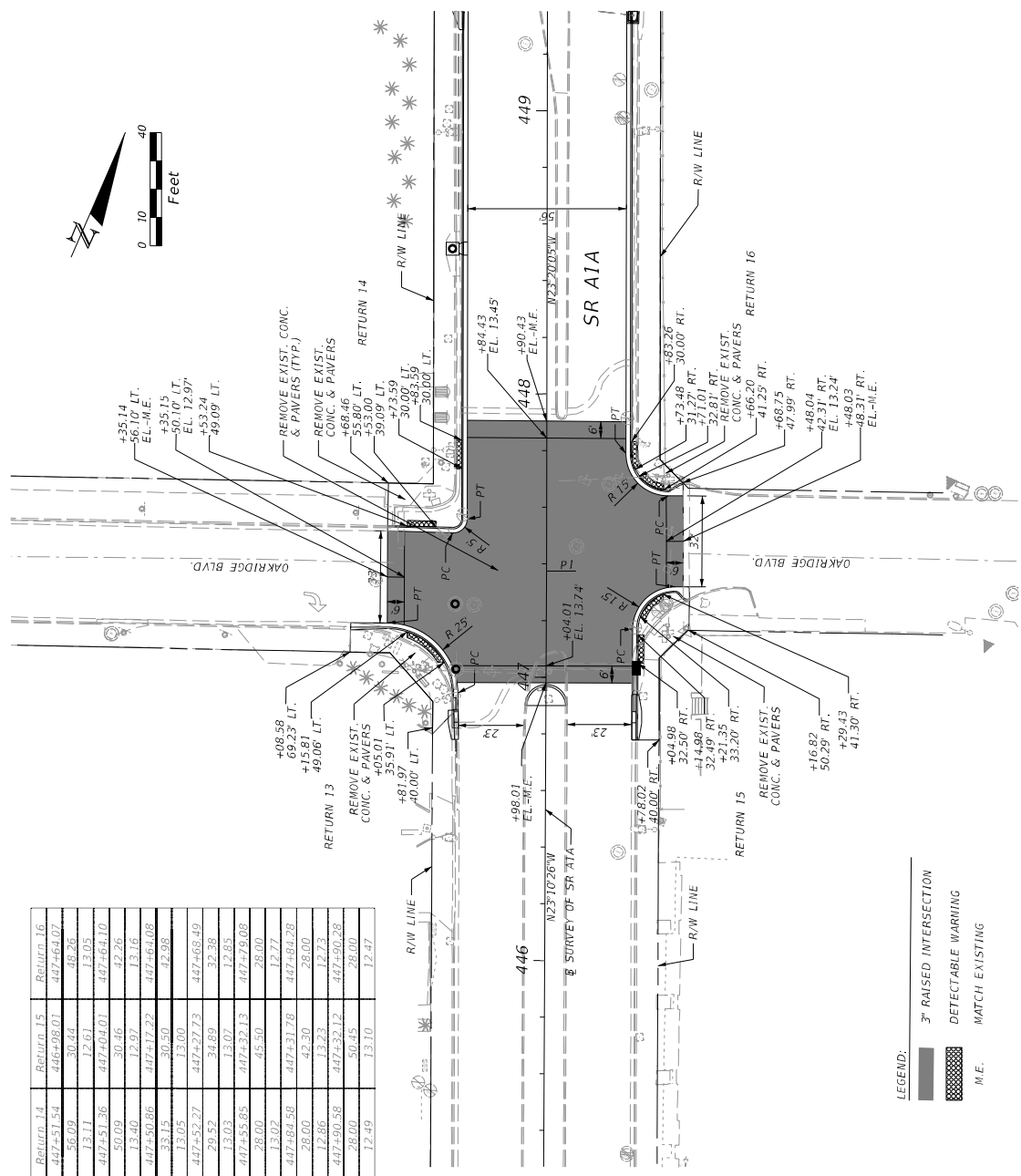
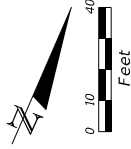
AUDITORIUM BLVD.

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

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|--|--|------------------------------|--|-----------|
| ENGINEER OF RECORD | | DEPARTMENT OF TRANSPORTATION | | SHEET NO. |
| LORI J. TRIVIRANUS, P.E. LORI J. TRIVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | SR A1A | | 68 |
| COUNTY | | VOLUSIA | | |
| FINANCIAL PROJECT ID | | 442884-152-01 | | |

INTERSECTION DETAILS

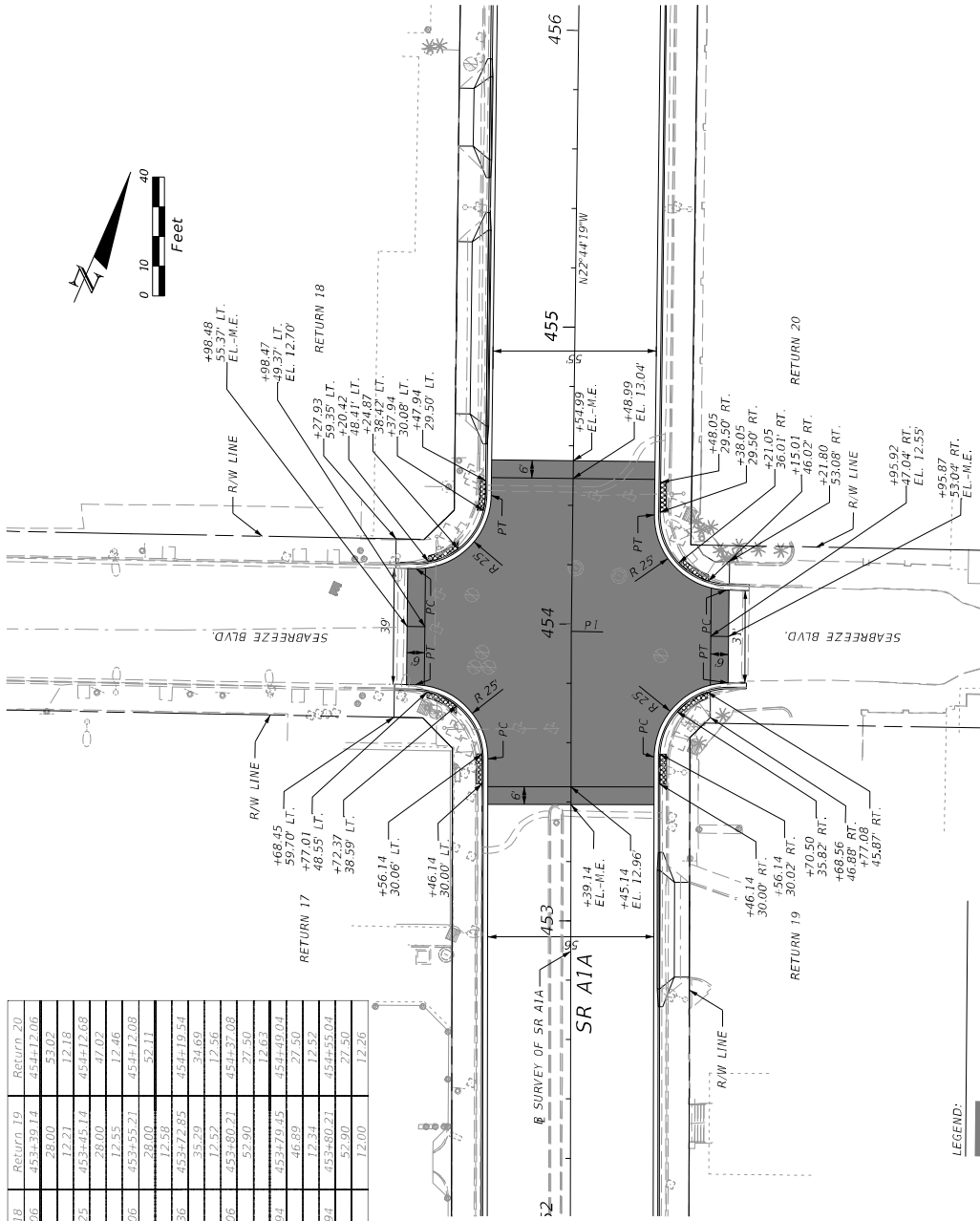
| Station | Return 13 | Return 14 | Return 15 | Return 16 |
|---------------|-----------|-----------|-----------|-----------|
| Begin Incline | 446+98.01 | 447+51.54 | 446+98.01 | 447+64.07 |
| Off set | 31.39 | 56.09 | 30.44 | 48.26 |
| Elevation | 12.71 | 13.11 | 12.61 | 13.05 |
| Station | 447+04.01 | 447+51.36 | 447+04.01 | 447+64.10 |
| Off set | 33.19 | 50.09 | 30.46 | 42.26 |
| Elevation | 13.03 | 13.40 | 12.97 | 13.16 |
| Station | 446+94.29 | 447+50.86 | 447+17.22 | 447+64.08 |
| Off set | 31.05 | 33.15 | 30.50 | 42.98 |
| Elevation | 12.77 | 13.00 | 12.77 | 12.77 |
| Station | 447+11.71 | 447+52.27 | 447+27.73 | 447+68.49 |
| Off set | 38.51 | 29.52 | 34.89 | 32.38 |
| Elevation | 12.94 | 13.03 | 13.07 | 12.85 |
| Station | 447+18.89 | 447+55.85 | 447+32.13 | 447+79.08 |
| Off set | 56.05 | 28.00 | 45.50 | 28.00 |
| Elevation | 13.02 | 12.77 | 12.77 | 12.77 |
| Station | 447+11.71 | 447+84.58 | 447+31.78 | 447+84.28 |
| Off set | 38.51 | 28.00 | 42.30 | 28.00 |
| Elevation | 12.73 | 12.66 | 13.23 | 12.73 |
| Station | 447+18.89 | 447+90.58 | 447+32.12 | 447+90.28 |
| Off set | 56.05 | 28.00 | 50.45 | 28.00 |
| Elevation | 12.31 | 12.49 | 13.10 | 12.47 |



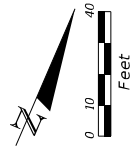
OAKRIDGE BLVD.

| DESCRIPTION | | REVISIONS | | ENGINEER OF RECORD | | DEPARTMENT OF TRANSPORTATION | | INTERSECTION DETAILS | | SHEET NO. | |
|-------------|--|-----------|--|--|----------|------------------------------|----------------------|----------------------|---------|----------------|----|
| DATE | | DATE | | LORI J. TRIVIRANUS, P.E. LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | SR A1A | VOLUSIA | 442884-I-52-01 | 69 |

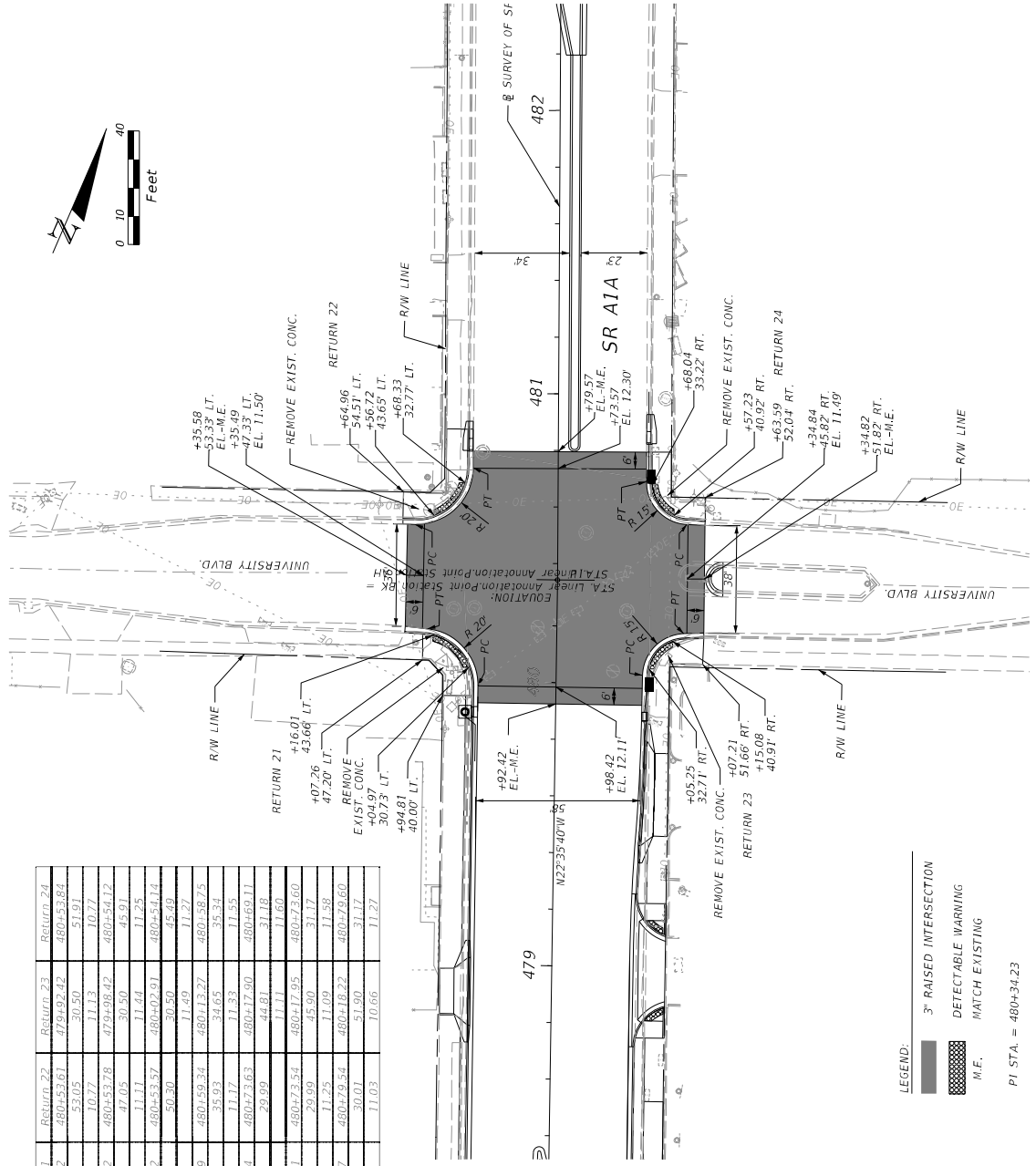
| Seabreeze Blvd | Return 17 | Return 18 | Return 19 | Return 20 |
|----------------|-----------|-----------|-----------|-----------|
| Station | 453+39.14 | 454+18.06 | 453+89.14 | 454+12.06 |
| Begin Incline | 28.00 | 55.41 | 28.00 | 53.07 |
| Elevation | 12.20 | 12.16 | 12.21 | 12.18 |
| Station | 453+45.14 | 454+18.25 | 453+45.14 | 454+12.68 |
| End Incline | 28.00 | 49.41 | 28.00 | 47.02 |
| Elevation | 12.51 | 12.55 | 12.55 | 12.46 |
| Station | 453+54.44 | 454+18.06 | 453+55.21 | 454+12.08 |
| PC | 28.00 | 52.55 | 28.00 | 52.11 |
| Elevation | 12.54 | 12.58 | 12.58 | 12.54 |
| Station | 453+72.01 | 454+26.36 | 453+72.85 | 454+19.54 |
| Mispoint | 35.22 | 34.84 | 35.29 | 34.69 |
| Elevation | 12.57 | 12.58 | 12.57 | 12.56 |
| Station | 453+79.70 | 454+45.06 | 453+80.21 | 453+77.08 |
| PT | 49.53 | 27.50 | 52.30 | 27.50 |
| Elevation | 12.45 | 12.45 | 12.45 | 12.63 |
| Station | 453+79.44 | 454+48.94 | 453+79.45 | 454+49.04 |
| Begin Decline | 52.70 | 27.50 | 46.89 | 27.50 |
| Elevation | 12.34 | 12.41 | 12.34 | 12.52 |
| Station | 453+79.48 | 454+54.94 | 453+80.21 | 454+55.04 |
| End Decline | 55.53 | 27.50 | 52.90 | 27.50 |
| Elevation | 12.03 | 12.17 | 12.00 | 12.26 |



| DESCRIPTION | | REVISIONS | | ENGINEER OF RECORD | | DEPARTMENT OF TRANSPORTATION | | STATE OF FLORIDA | |
|-----------------------------|--|-----------|--|---|----------|------------------------------|----------------------|------------------------|--|
| DATE | | DATE | | LORI J. TRIVIRANUS, P.E. | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | SHEET NO. | |
| | | | | KETH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | SR A1A | VOLUSIA | 442884-152-01 | 70 | |
| INTERSECTION DETAILS | | | | | | | | SEABREEZE BLVD. | |



| University Blvd. | Return 21 | Return 22 | Return 23 | Return 24 |
|------------------|----------------------|----------------------|----------------------|----------------------|
| Begin Incline | Station 479+92.42 | Station 480+53.61 | Station 479+92.42 | Station 480+53.84 |
| | Offset 27.50 | Offset 53.05 | Offset 30.50 | Offset 51.91 |
| | Elevation 11.23 | Elevation 10.77 | Elevation 11.13 | Elevation 10.77 |
| End Incline | Station 479+98.42 | Station 480+53.78 | Station 479+98.42 | Station 480+54.12 |
| | Offset 27.50 | Offset 47.05 | Offset 30.50 | Offset 45.91 |
| | Elevation 11.52 | Elevation 11.11 | Elevation 11.44 | Elevation 11.25 |
| PC | Station 479+98.42 | Station 480+53.57 | Station 480+02.91 | Station 480+54.14 |
| | Offset 27.50 | Offset 50.30 | Offset 30.50 | Offset 45.49 |
| | Elevation 11.52 | Elevation 11.49 | Elevation 11.27 | Elevation 11.27 |
| Midpoint | Station 480+11.89 | Station 480+59.34 | Station 480+13.22 | Station 480+58.75 |
| | Offset 27.50 | Offset 55.92 | Offset 54.65 | Offset 57.34 |
| | Elevation 11.36 | Elevation 11.12 | Elevation 11.53 | Elevation 11.55 |
| PT | Station 480+18.34 | Station 480+73.63 | Station 480+17.90 | Station 480+69.11 |
| | Offset 45.65 | Offset 29.89 | Offset 44.81 | Offset 31.18 |
| | Elevation 11.20 | Elevation 11.11 | Elevation 11.71 | Elevation 11.60 |
| Begin Decline | Station 480+18.51 | Station 480+73.54 | Station 480+17.95 | Station 480+73.60 |
| | Offset 47.17 | Offset 29.99 | Offset 45.90 | Offset 31.17 |
| | Elevation 11.18 | Elevation 11.25 | Elevation 11.09 | Elevation 11.58 |
| End Decline | Station 480+19.07 | Station 480+79.54 | Station 480+18.22 | Station 480+79.60 |
| | Offset 53.47 | Offset 30.01 | Offset 51.90 | Offset 31.17 |
| | Elevation 10.89 | Elevation 11.03 | Elevation 10.66 | Elevation 11.27 |



- LEGEND:
- 3" RAISED INTERSECTION
 - DETECTABLE WARNING
 - M.E. MATCH EXISTING
- PI STA. = 480+34.23

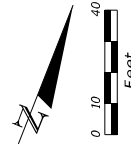
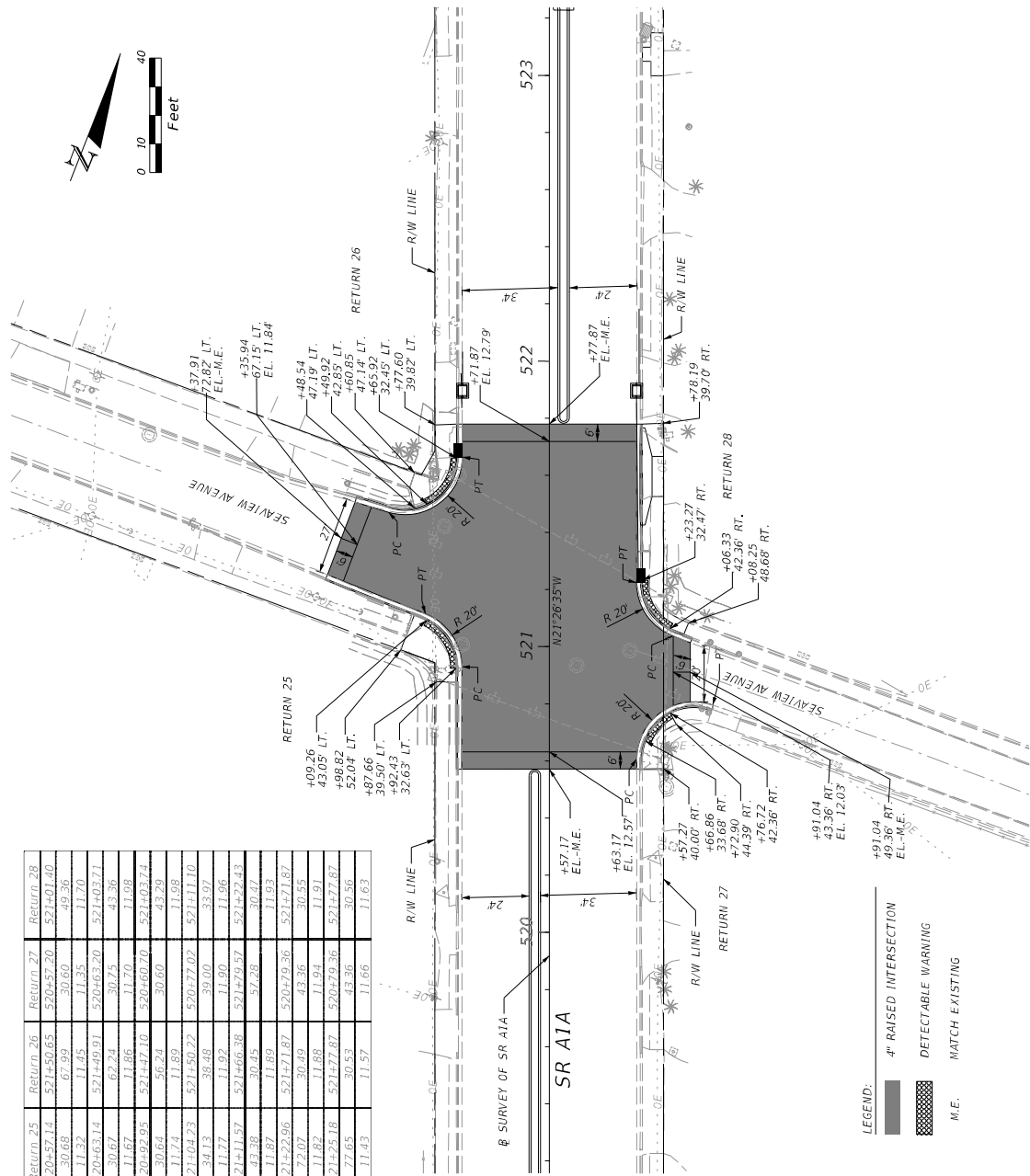
UNIVERSITY BLVD.

| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
| | | | | |

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|---|--|--|--------------|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. KEITH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-I-52-01 | SHEET NO. 71 |
|---|--|--|--------------|

INTERSECTION DETAILS

| Seaview Avenue | Return 25 | Return 26 | Return 27 | Return 28 |
|----------------|-----------|-----------|-----------|-----------|
| Station | 520+57.14 | 521+50.65 | 520+57.20 | 521+01.40 |
| Offset | 30.66 | 61.99 | 30.60 | 49.36 |
| Elevation | 11.45 | 11.35 | 11.70 | 11.70 |
| Station | 520+63.14 | 521+60.91 | 520+63.20 | 521+03.71 |
| Offset | 30.67 | 62.24 | 30.73 | 43.36 |
| Elevation | 11.67 | 11.86 | 11.70 | 11.68 |
| Station | 520+69.95 | 521+67.10 | 520+69.70 | 521+03.74 |
| Offset | 30.64 | 56.24 | 30.60 | 43.29 |
| Elevation | 11.74 | 11.89 | 11.89 | 11.99 |
| Station | 521+04.23 | 521+50.22 | 520+77.02 | 521+11.10 |
| Offset | 34.13 | 38.48 | 39.00 | 33.97 |
| Elevation | 11.77 | 11.92 | 11.90 | 11.96 |
| Station | 521+11.57 | 521+66.38 | 521+79.57 | 521+22.43 |
| Offset | 43.38 | 30.45 | 57.48 | 30.47 |
| Elevation | 11.87 | 11.89 | 11.62 | 11.62 |
| Station | 521+23.96 | 521+71.87 | 520+79.36 | 521+21.87 |
| Offset | 72.07 | 30.49 | 43.36 | 30.55 |
| Elevation | 11.82 | 11.88 | 11.91 | 11.91 |
| Station | 521+28.18 | 521+77.87 | 520+79.36 | 521+27.87 |
| Offset | 77.65 | 30.53 | 43.36 | 30.56 |
| Elevation | 11.43 | 11.57 | 11.66 | 11.63 |



SEAVIEW AVENUE

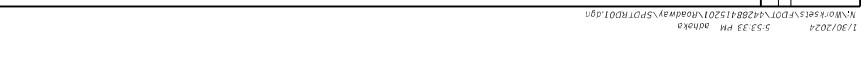
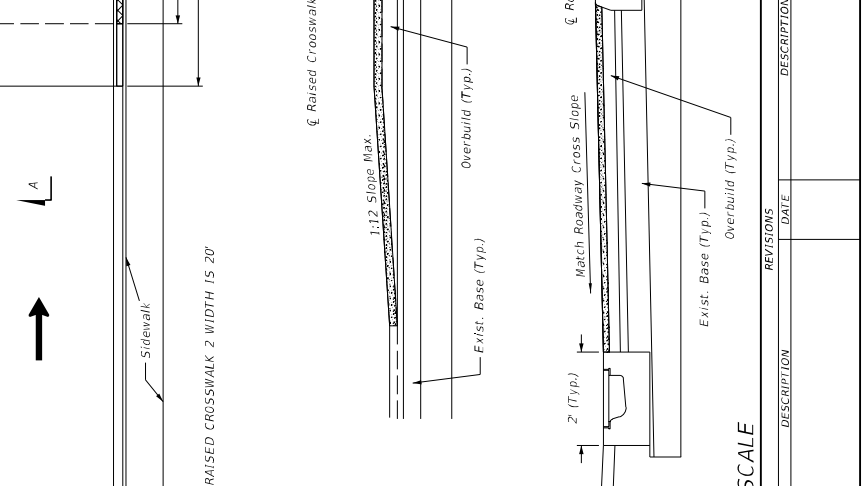
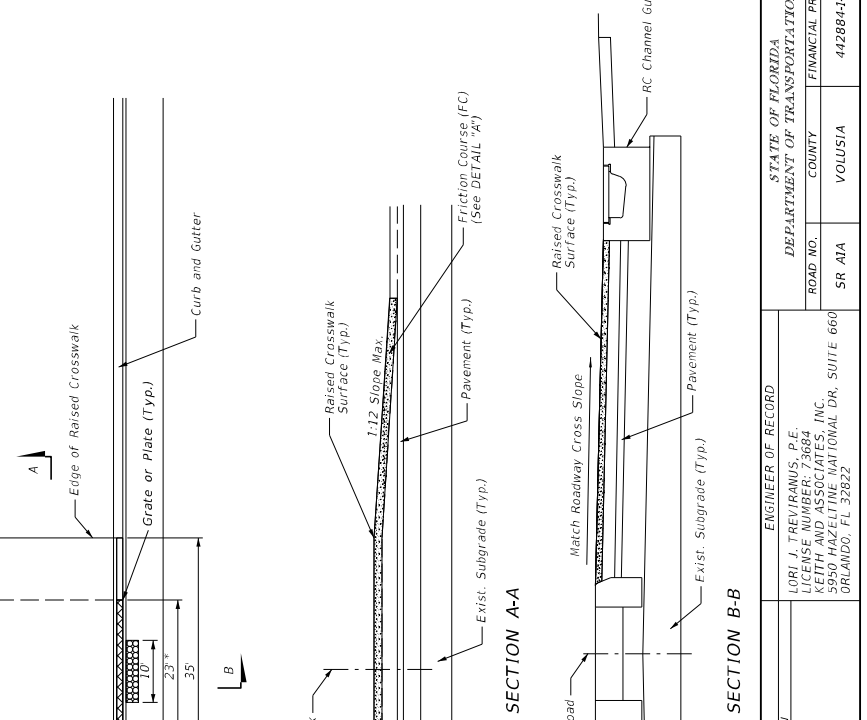
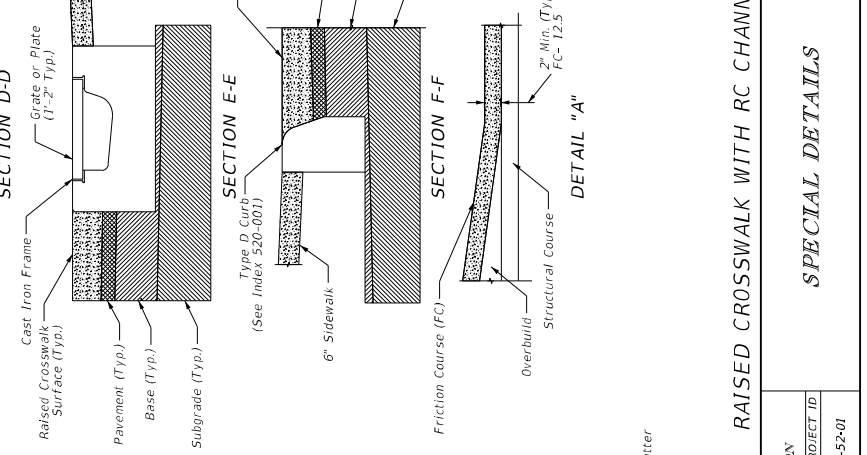
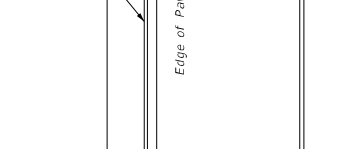
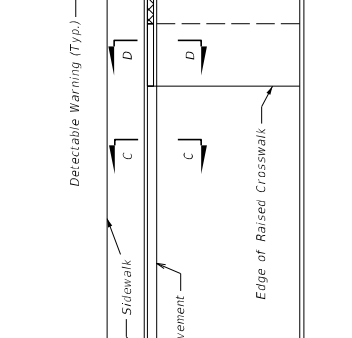
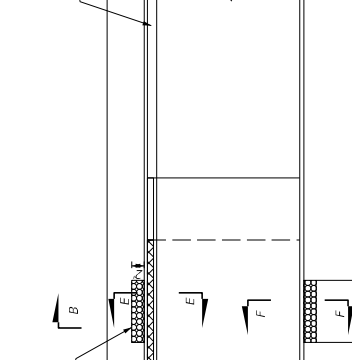
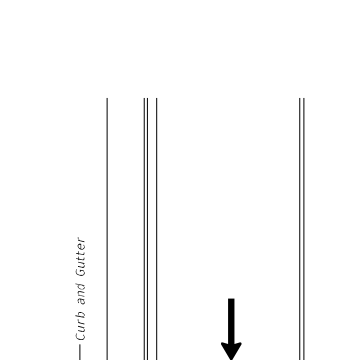
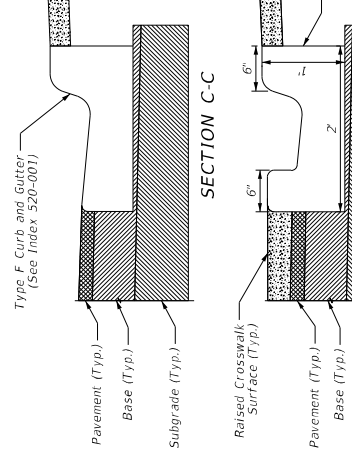
| DATE | DESCRIPTION | REVISIONS | DESCRIPTION |
|------|-------------|-----------|-------------|
| | | | |

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|---|--|--|
| ENGINEER OF RECORD LORI J. TRIVIRANUS, P.E. LORIS TRIVIRANUS & ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR, SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY SR A1A FINANCIAL PROJECT ID VOLUSIA 442884-I-52-01 |
|---|--|--|

INTERSECTION DETAILS

| | |
|-----------|----|
| SHEET NO. | 72 |
|-----------|----|

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



* RAISED CROSSWALK 2 WIDTH IS 20'

NOT TO SCALE

RAISED CROSSWALK WITH RC CHANNEL GUTTER

SPECIAL DETAILS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO. SR A1A COUNTY VOLUSTA FINANCIAL PROJECT ID 442884-I-52-01

ENGINEER OF RECORD
LORI J. REVIRANUS, P.E.
LORIS ENGINEERING
KEITH AND ASSOCIATES, INC.
5950 HAZELTINE NATIONAL DR., SUITE 660
ORLANDO, FL 32822

REVISIONS

DATE DESCRIPTION

DATE DESCRIPTION

SHEET NO.

73

1/30/2024

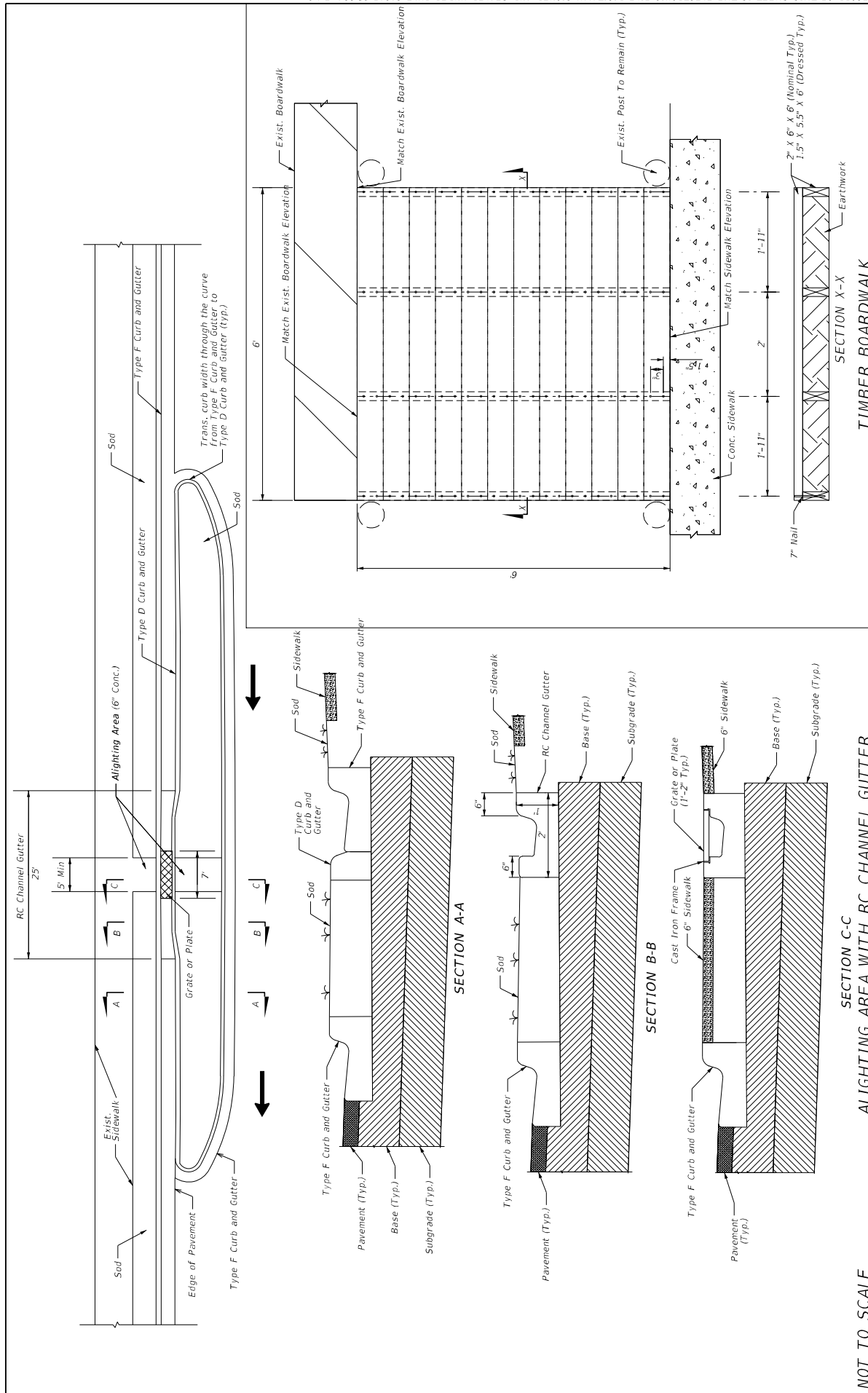
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08/24/23

5/27/2023

5/27/2023

5/27/2023



SECTION C-C
ALIGNING AREA WITH RC CHANNEL GUTTER

SECTION X-X
TIMBER BOARDWALK

| DATE | REVISIONS | DESCRIPTION | DATE | DESCRIPTION |
|------|-----------|-------------|------|-------------|
| | | | | |

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|--|--|--|
| ENGINEER OF RECORD LORI J. REVIRIANUS, P.E. CIVIL ENGINEER KETH AND ASSOCIATES, INC. 5950 HAZELTINE NATIONAL DR., SUITE 660 ORLANDO, FL 32822 | | DEPARTMENT OF TRANSPORTATION ROAD NO. SR A1A COUNTY VOLUSIA FINANCIAL PROJECT ID 442884-I-52-01 |
| NOT TO SCALE | | SHEET NO. 74 SPECIAL DETAILS |