

I, F. Rex Cooper, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. Also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 4th day of April, 2022.

DocuSigned by:

 61DD1950E8574DD...
 Professional Land Surveyor



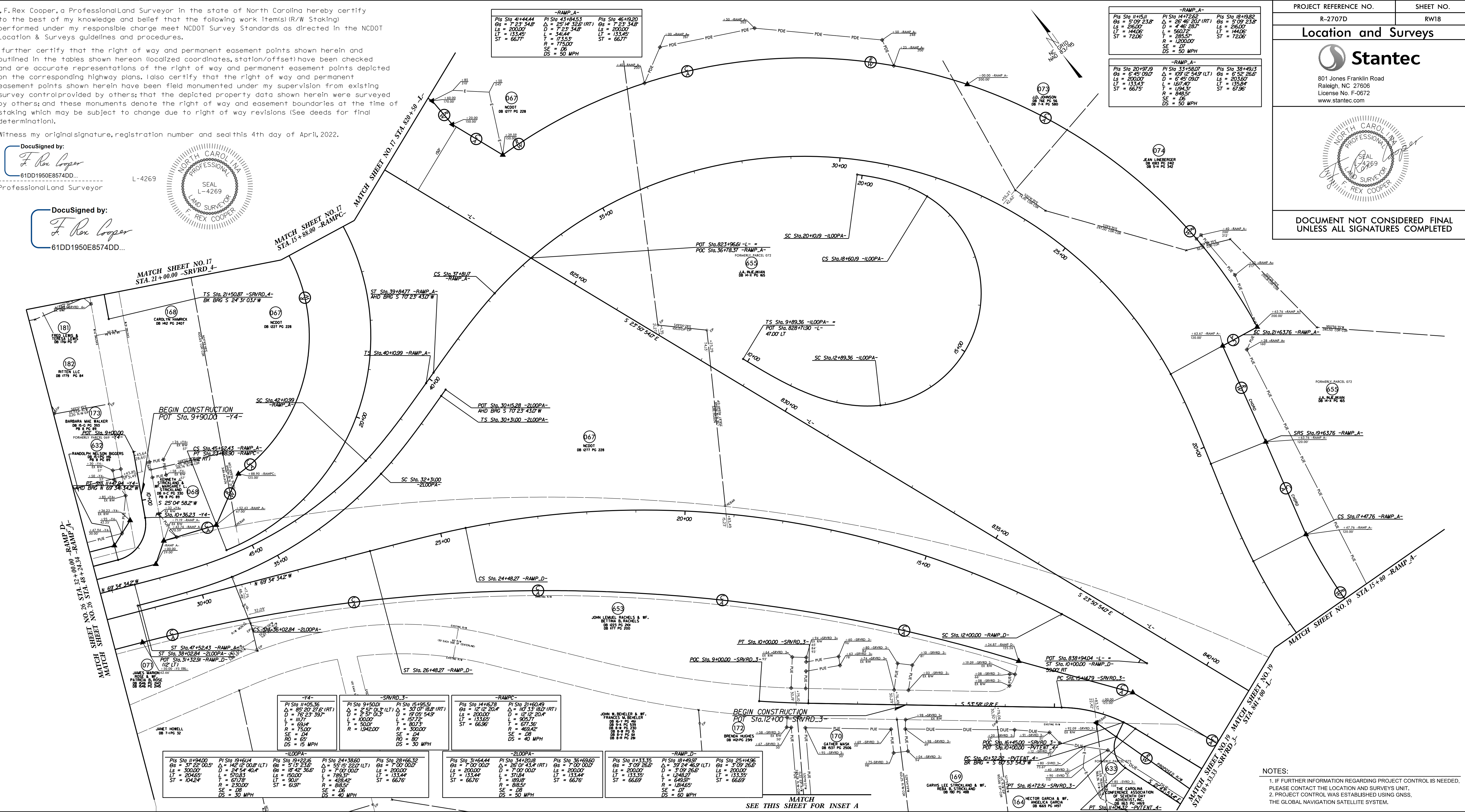
DocuSigned by:

 61DD1950E8574DD...
 Professional Land Surveyor

| -RAMP A- | | |
|-------------------|------------------------|-------------------|
| PI Sta 41+444.4 | PI Sta 41+945.3 | PI Sta 46+192.0 |
| Os = 7' 23" 34.8" | Δ = 25' 14" 32.8" (RT) | Os = 7' 23" 34.8" |
| Ls = 200.00' | D = 7' 23" 34.8" | Ls = 200.00' |
| LT = 133.45' | L = 34.42' | LT = 133.45' |
| ST = 66.72' | T = 73.53' | ST = 66.72' |
| R = 77.00' | R = 77.00' | R = 77.00' |
| SE = 0.6 | SE = 0.6 | SE = 0.6 |
| DS = 50 MPH | DS = 50 MPH | DS = 50 MPH |

| -RAMP A- | | |
|-------------------|------------------------|-------------------|
| PI Sta 11+15.11 | PI Sta 14+72.22 | PI Sta 18+19.22 |
| Os = 5' 09" 23.8" | Δ = 26' 46" 20.1" (RT) | Os = 5' 09" 23.8" |
| Ls = 200.00' | D = 4' 45" 29.2" | Ls = 200.00' |
| LT = 144.06' | L = 56.07' | LT = 144.06' |
| ST = 72.03' | T = 265.57' | ST = 72.03' |
| R = 1200.00' | R = 1200.00' | R = 1200.00' |
| SE = 0.7 | SE = 0.7 | SE = 0.7 |
| DS = 50 MPH | DS = 50 MPH | DS = 50 MPH |

| -RAMP A- | | |
|-------------------|-------------------------|-------------------|
| PI Sta 20+197.9 | PI Sta 33+58.07 | PI Sta 38+19.13 |
| Os = 6' 49" 09.0" | Δ = 109' 18" 54.9" (LT) | Os = 6' 49" 09.0" |
| Ls = 200.00' | D = 6' 45" 29.2" | Ls = 200.00' |
| LT = 133.45' | L = 167.47' | LT = 133.45' |
| ST = 66.72' | T = 134.31' | ST = 66.72' |
| R = 77.00' | R = 77.00' | R = 77.00' |
| SE = 0.6 | SE = 0.6 | SE = 0.6 |
| DS = 50 MPH | DS = 50 MPH | DS = 50 MPH |



| -Y4- | | -SRVD 3- | | -RAMP- | |
|-------------------------|-----------------------|------------------------|--------------------|------------------------|--------------------|
| PI Sta 11+05.36 | PI Sta 9+50.00 | PI Sta 15+95.51 | PI Sta 14+16.78 | PI Sta 21+60.49 | PI Sta 21+60.49 |
| Os = 85' 20" 27.5" (RT) | Δ = 2' 51" 01.3" (LT) | Δ = 30' 07" 18.8" (RT) | Os = 12' 12" 20.4" | Δ = 10' 33" 18.0" (RT) | Os = 12' 12" 20.4" |
| D = 76' 23" 35.9" | D = 100.00' | D = 71' 05" 54.9" | D = 12' 12" 20.4" | D = 12' 12" 20.4" | D = 12' 12" 20.4" |
| L = 111.71' | L = 100.00' | L = 157.72' | L = 90.77' | L = 90.77' | L = 90.77' |
| T = 69.14' | T = 50.00' | T = 60.73' | T = 67.36' | T = 67.36' | T = 67.36' |
| R = 75.00' | R = 300.00' | R = 469.42' | R = 469.42' | R = 469.42' | R = 469.42' |
| SE = 0.4 | SE = 0.4 | SE = 0.4 | SE = 0.4 | SE = 0.4 | SE = 0.4 |
| DS = 15 MPH | DS = 30 MPH | DS = 30 MPH | DS = 30 MPH | DS = 30 MPH | DS = 30 MPH |

| -LOOP A- | | -RAMP D- | |
|--------------------|-------------------------|-------------------|------------------------|
| PI Sta 11+94.00 | PI Sta 14+16.78 | PI Sta 31+64.44 | PI Sta 34+20.08 |
| Os = 37' 22" 02.5" | Δ = 142' 12" 00.8" (LT) | Os = 7' 00" 00.0" | Δ = 28' 01" 43.4" (RT) |
| Ls = 300.00' | D = 24' 5" 40.4" | Ls = 200.00' | Ls = 200.00' |
| LT = 204.65' | L = 570.85' | LT = 133.45' | LT = 133.45' |
| ST = 104.24' | T = 617.78' | ST = 66.72' | ST = 66.72' |
| R = 2100.00' | R = 2100.00' | R = 300.00' | R = 300.00' |
| SE = 0.8 | SE = 0.8 | SE = 0.7 | SE = 0.7 |
| DS = 30 MPH | DS = 30 MPH | DS = 50 MPH | DS = 50 MPH |

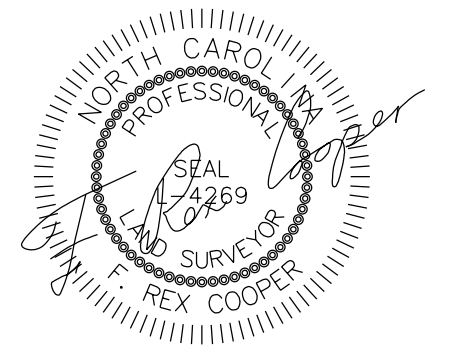
| -RAMP D- | | -RAMP D- | |
|-------------------|------------------------|-------------------|-------------------|
| PI Sta 11+33.35 | PI Sta 18+49.97 | PI Sta 25+14.95 | PI Sta 31+64.44 |
| Os = 3' 09" 26.6" | Δ = 32' 24" 46.9" (LT) | Os = 3' 09" 26.6" | Os = 7' 00" 00.0" |
| Ls = 200.00' | D = 3' 09" 26.6" | Ls = 200.00' | Ls = 200.00' |
| LT = 133.45' | L = 124.82' | LT = 133.45' | LT = 133.45' |
| ST = 66.69' | T = 649.37' | ST = 66.69' | ST = 66.72' |
| R = 300.00' | R = 300.00' | R = 300.00' | R = 300.00' |
| SE = 0.7 | SE = 0.7 | SE = 0.7 | SE = 0.7 |
| DS = 60 MPH | DS = 60 MPH | DS = 60 MPH | DS = 60 MPH |

PROJECT REFERENCE NO. R-2707D SHEET NO. RW18

Location and Surveys



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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES:
 1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.