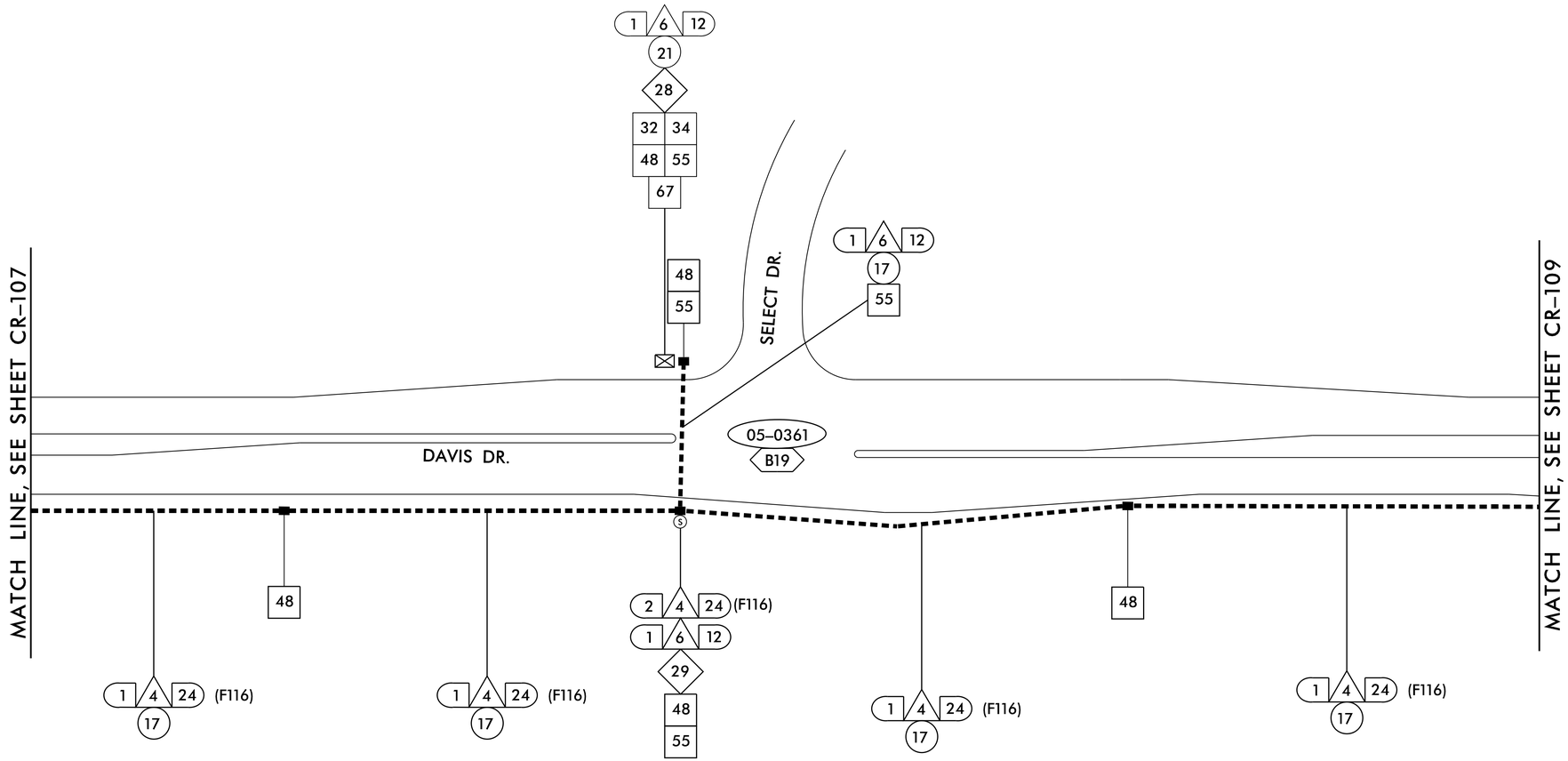
**This electronic collection of documents is provided for the convenience of the user and is Not a Certified Document –**

**The documents contained herein were originally issued and sealed by the individuals whose names and license numbers appear on each page, on the dates appearing with their signature on that page.**
**This file or an individual page shall not be considered a certified document.**

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-5968 | CR-108 |




NOTES:

1. ATTACH NEW COMMUNICATIONS CABLE TO FRONT SIDE OF POLE AT 40 INCHES BELOW POWER PRESENCE UNLESS OTHERWISE NOTED.
2. MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY UNLESS OTHERWISE NOTED.


Kimley»Horn
NC License #F-0102
421 Fayetteville St., Suite 600
Raleigh, NC 27636
Tel: (919) 677-2000
Fax: (919) 677-2050


Plans Prepared For:
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50

# CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

## COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN

| DIVISION 05 | | DURHAM COUNTY | |
|---|---|---|---|
| PLAN DATE: | DEC 2018 | REVIEWED BY: | I. VAN OSDELL |
| PREPARED BY: | KHA | REVIEWED BY: | K. SMITH |

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

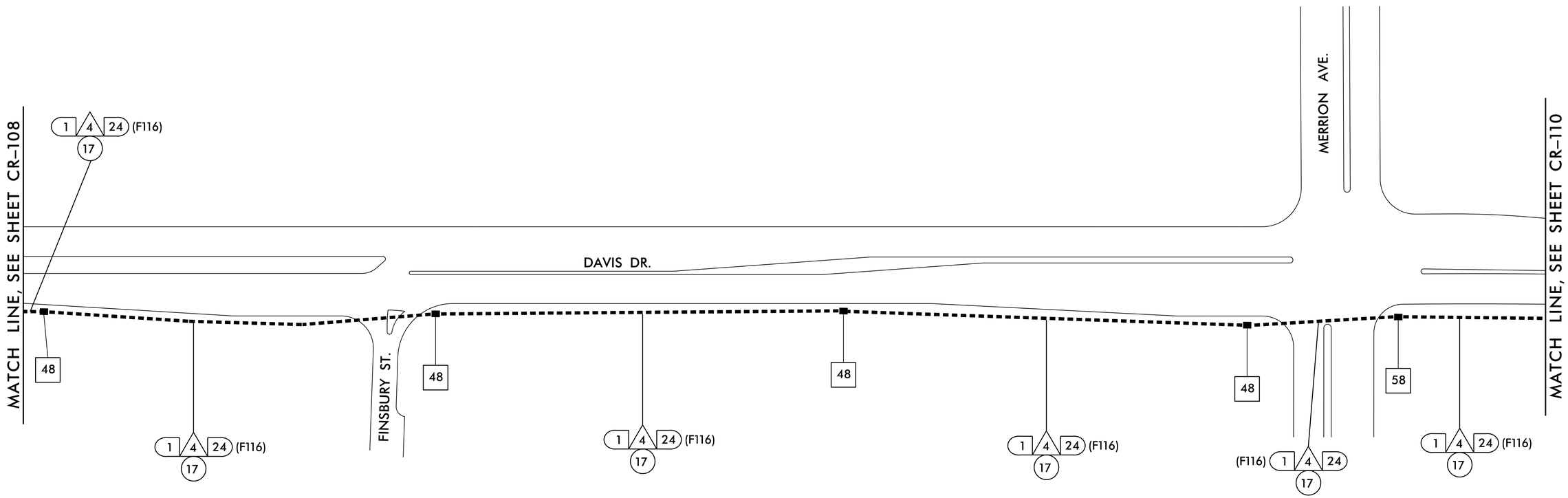
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030472 ENGINEER KEVIN W. SMITH

DocuSigned by: Kevin Smith 12/18/2018
SIGNATURE DATE

CADD Filename:

12/14/2018
K:\RAL_TPTO_ITS\0110364\0 - Durham Signal System\Plans\U-5968_ITS_psh_J08.dgn

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-5968 | CR-109 |




NOTES:

1. ATTACH NEW COMMUNICATIONS CABLE TO FRONT SIDE OF POLE AT 40 INCHES BELOW POWER PRESENCE UNLESS OTHERWISE NOTED.
2. MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY UNLESS OTHERWISE NOTED.


Kimley»Horn
NC License #F-0102
421 Fayetteville St., Suite 600
Raleigh, NC 27636
Tel: (919) 677-2000
Fax: (919) 677-2050


Plans Prepared For:
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50

# CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

## COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN

| DIVISION 05 | | DURHAM COUNTY | |
|---|---|---|---|
| PLAN DATE: | DEC 2018 | REVIEWED BY: | I. VAN OSDELL |
| PREPARED BY: | KHA | REVIEWED BY: | K. SMITH |

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

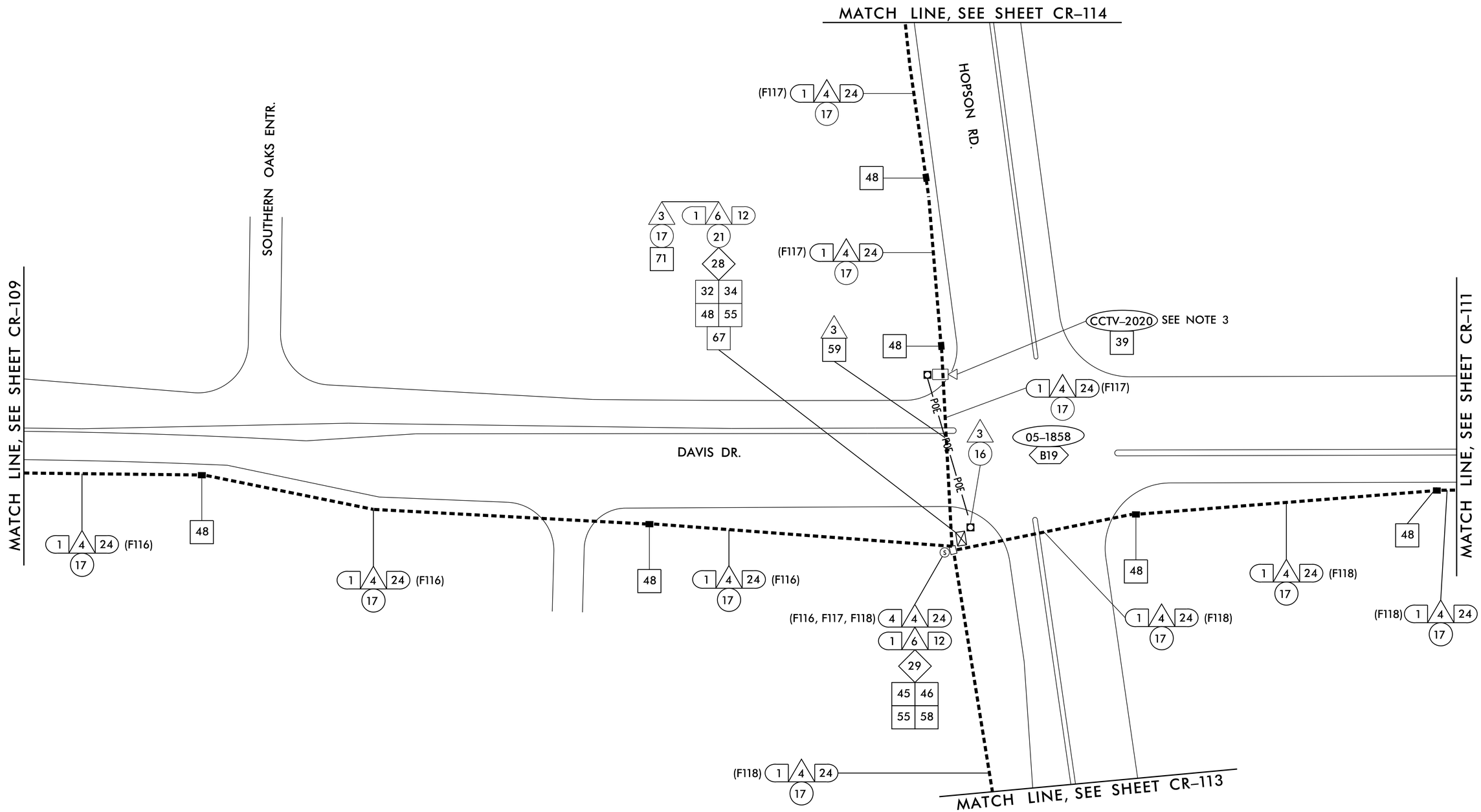
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030472 ENGINEER KEVIN W. SMITH

DocuSigned by: Kevin Smith 12/18/2018
SIGNATURE DATE

CADD Filename:

12/14/2018
K:\RAL_TPTO_ITS\0110364\0 - Durham Signal System\Plans\U-5968_ITS_psh_I09.dgn

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-5968 | CR-110 |




NOTES:

1. ATTACH NEW COMMUNICATIONS CABLE TO FRONT SIDE OF POLE AT 40 INCHES BELOW POWER PRESENCE UNLESS OTHERWISE NOTED.
2. MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY UNLESS OTHERWISE NOTED.
3. INSTALL CCTV ON EXISTING METAL STRAIN POLE 12" FROM TOP OF POLE. SEE ITS-22.


Kimley»Horn
NC License #F-0102
421 Fayetteville St., Suite 600
Raleigh, NC 27636
Tel: (919) 677-2000
Fax: (919) 677-2050


Plans Prepared For:
Transportation Mobility and Safety Division
Intelligent Transportation Systems Section
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50

# CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

## COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN

| DIVISION 05 | | DURHAM COUNTY | |
|---|---|---|---|
| PLAN DATE: | DEC 2018 | REVIEWED BY: | I. VAN OSDELL |
| PREPARED BY: | KHA | REVIEWED BY: | K. SMITH |

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

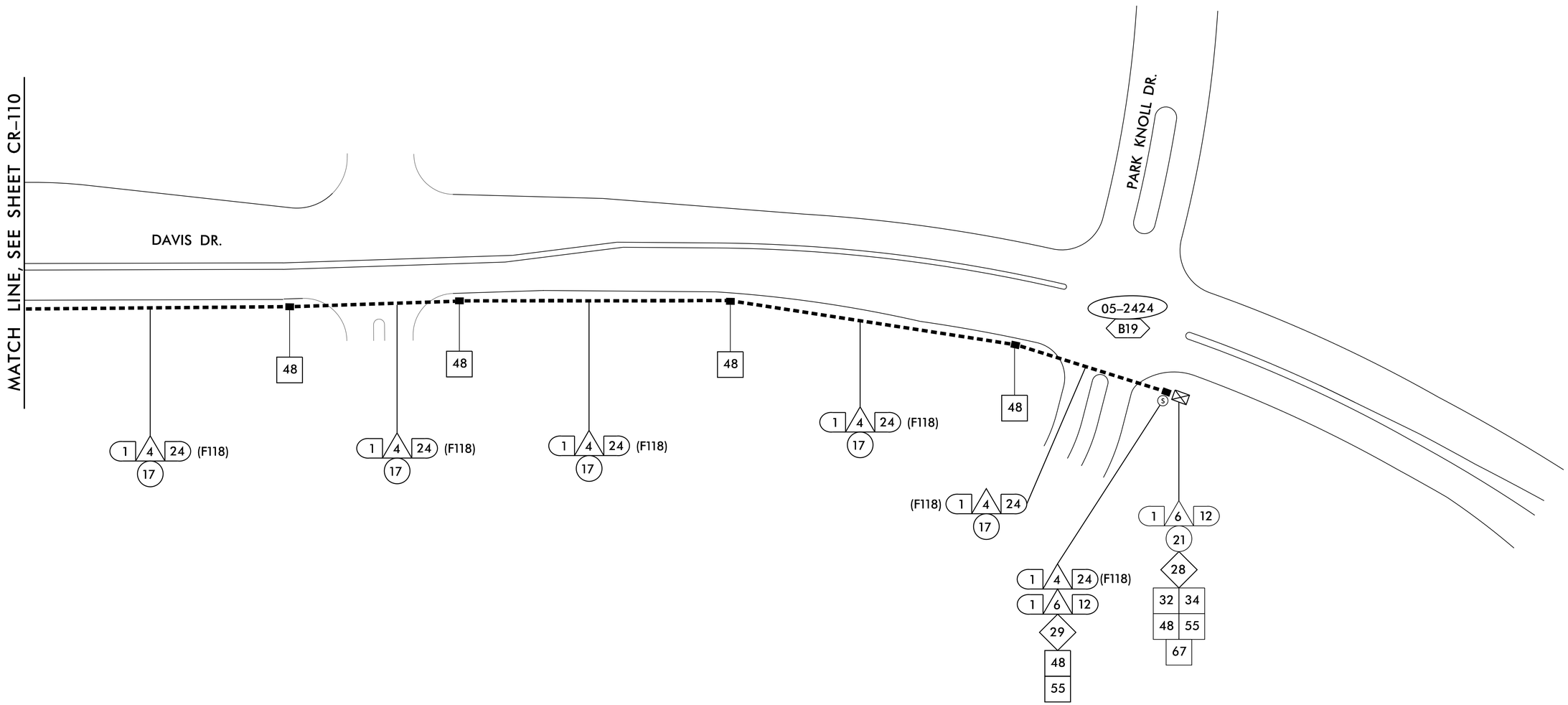
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030472 ENGINEER KEVIN W. SMITH

DocuSigned by: Kevin Smith 12/18/2018
SIGNATURE DATE

CADD Filename:

12/14/2018
K:\RAL_TPTO_ITS\0110364\0 - Durham Signal System\Plans\U-5968_ITS_psh_I10.dgn

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-5968 | CR-111 |




NOTES:

1. ATTACH NEW COMMUNICATIONS CABLE TO FRONT SIDE OF POLE AT 40 INCHES BELOW POWER PRESENCE UNLESS OTHERWISE NOTED.
2. MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY UNLESS OTHERWISE NOTED.


Kimley»Horn
NC License #F-0102
421 Fayetteville St., Suite 600
Raleigh, NC 27636
Tel: (919) 677-2000
Fax: (919) 677-2050


Plans Prepared For:
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50

# CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

## COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN

| | | | |
|---|---|---|---|
| DIVISION 05 | | | DURHAM COUNTY |
| PLAN DATE: | DEC 2018 | REVIEWED BY: | I. VAN OSDELL |
| PREPARED BY: | KHA | REVIEWED BY: | K. SMITH |

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

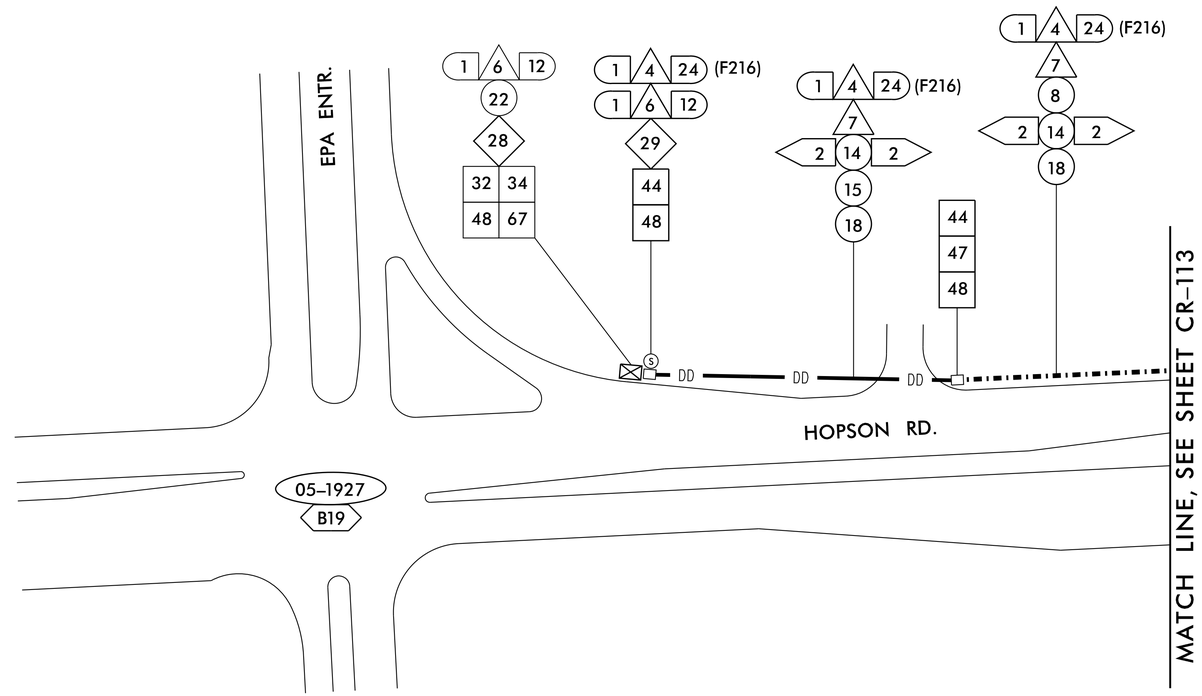
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030472 ENGINEER KEVIN W. SMITH

DocuSigned by: Kevin Smith 12/18/2018
SIGNATURE DATE

CADD Filename:

12/14/2018
K:\RAL_TPTO_ITS\0103640 - Durham Signal System\Plans\U-5968_ITS_psh_ill.dgn

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-5968 | CR-112 |




NOTES:

1. ATTACH NEW COMMUNICATIONS CABLE TO FRONT SIDE OF POLE AT 40 INCHES BELOW POWER PRESENCE UNLESS OTHERWISE NOTED.

2. MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY UNLESS OTHERWISE NOTED.

12/14/2018
K:\RAL_TPTO_ITS\0110364\0 - Durham Signal System\Plans\U-5968_ITS_psh_l12.dgn


Kimley»Horn
NC License #F-0102
421 Fayetteville St., Suite 600
Raleigh, NC 27636
Tel: (919) 677-2000
Fax: (919) 677-2050


Plans Prepared For:
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50

# CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

## COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN

| DIVISION 05 | | DURHAM COUNTY | |
|---|---|---|---|
| PLAN DATE: | DEC 2018 | REVIEWED BY: | I. VAN OSDELL |
| PREPARED BY: | KHA | REVIEWED BY: | K. SMITH |

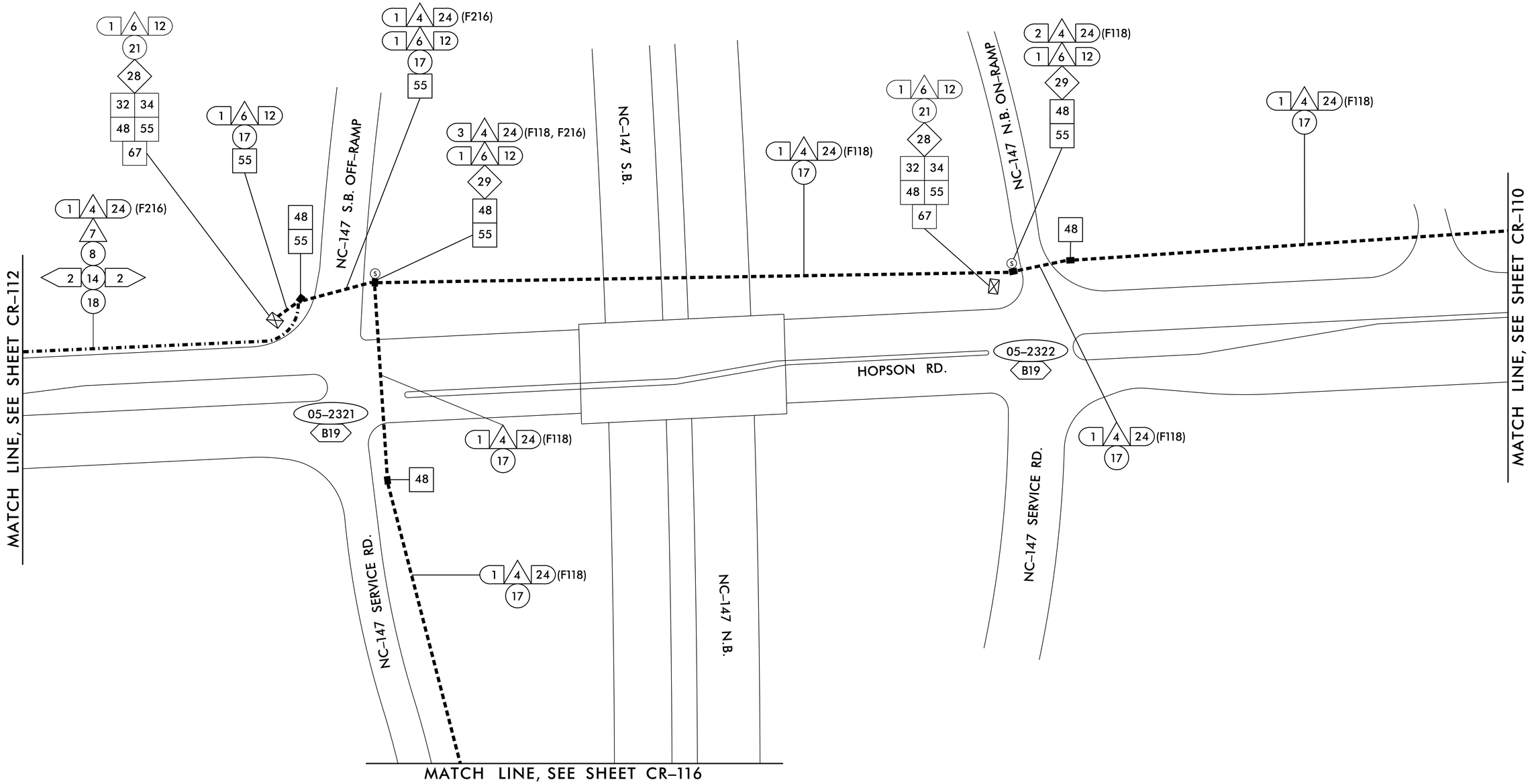
| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030472 ENGINEER KEVIN W. SMITH

DocuSigned by: Kevin Smith 12/18/2018
SIGNATURE DATE

CADD Filename:

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-5968 | CR-113 |




NOTES:

1. ATTACH NEW COMMUNICATIONS CABLE TO FRONT SIDE OF POLE AT 40 INCHES BELOW POWER PRESENCE UNLESS OTHERWISE NOTED.
2. MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY UNLESS OTHERWISE NOTED.

12/14/2018
K:\RAL_TPTO_ITS\0103640 - Durham Signal System\Plans\U-5968_ITS_psh_ll3.dgn


Kimley»Horn
NC License #F-0102
421 Fayetteville St., Suite 600
Raleigh, NC 27636
Tel: (919) 677-2000
Fax: (919) 677-2050


Plans Prepared For:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Intelligent Transportation Systems Section
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50

# CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

## COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN

| | | | |
|---|---|---|---|
| DIVISION 05 | | DURHAM COUNTY | |
| PLAN DATE: | DEC 2018 | REVIEWED BY: | I. VAN OSDELL |
| PREPARED BY: | KHA | REVIEWED BY: | K. SMITH |

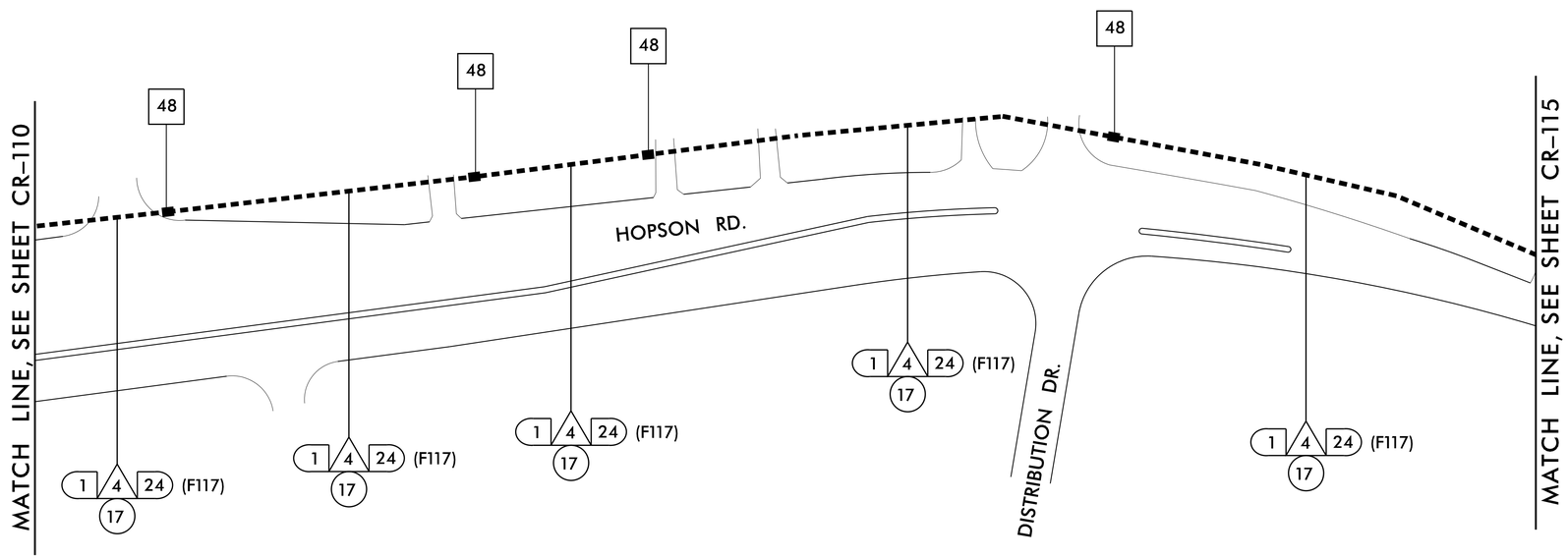
| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030472 ENGINEER KEVIN W. SMITH

DocuSigned by: Kevin Smith 12/18/2018
SIGNATURE DATE

CADD Filename:

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-5968 | CR-114 |




NOTES:

1. ATTACH NEW COMMUNICATIONS CABLE TO FRONT SIDE OF POLE AT 40 INCHES BELOW POWER PRESENCE UNLESS OTHERWISE NOTED.
2. MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY UNLESS OTHERWISE NOTED.


Kimley»Horn
NC License #F-0102
421 Fayetteville St., Suite 600
Raleigh, NC 27636
Tel: (919) 677-2000
Fax: (919) 677-2050


Plans Prepared For:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Intelligent Transportation Systems Section
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50

# CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

## COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN

DIVISION 05 — DURHAM COUNTY

PLAN DATE: DEC 2018 — REVIEWED BY: I. VAN OSDELL

PREPARED BY: KHA — REVIEWED BY: K. SMITH

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 030472 ENGINEER KEVIN W. SMITH

DocuSigned by: Kevin Smith 12/18/2018
SIGNATURE DATE

CADD Filename:

12/14/2018
K:\RAL_TPTO_ITS\0103640 - Durham Signal System\Plans\U-5968_ITS_psh_li4.dgn