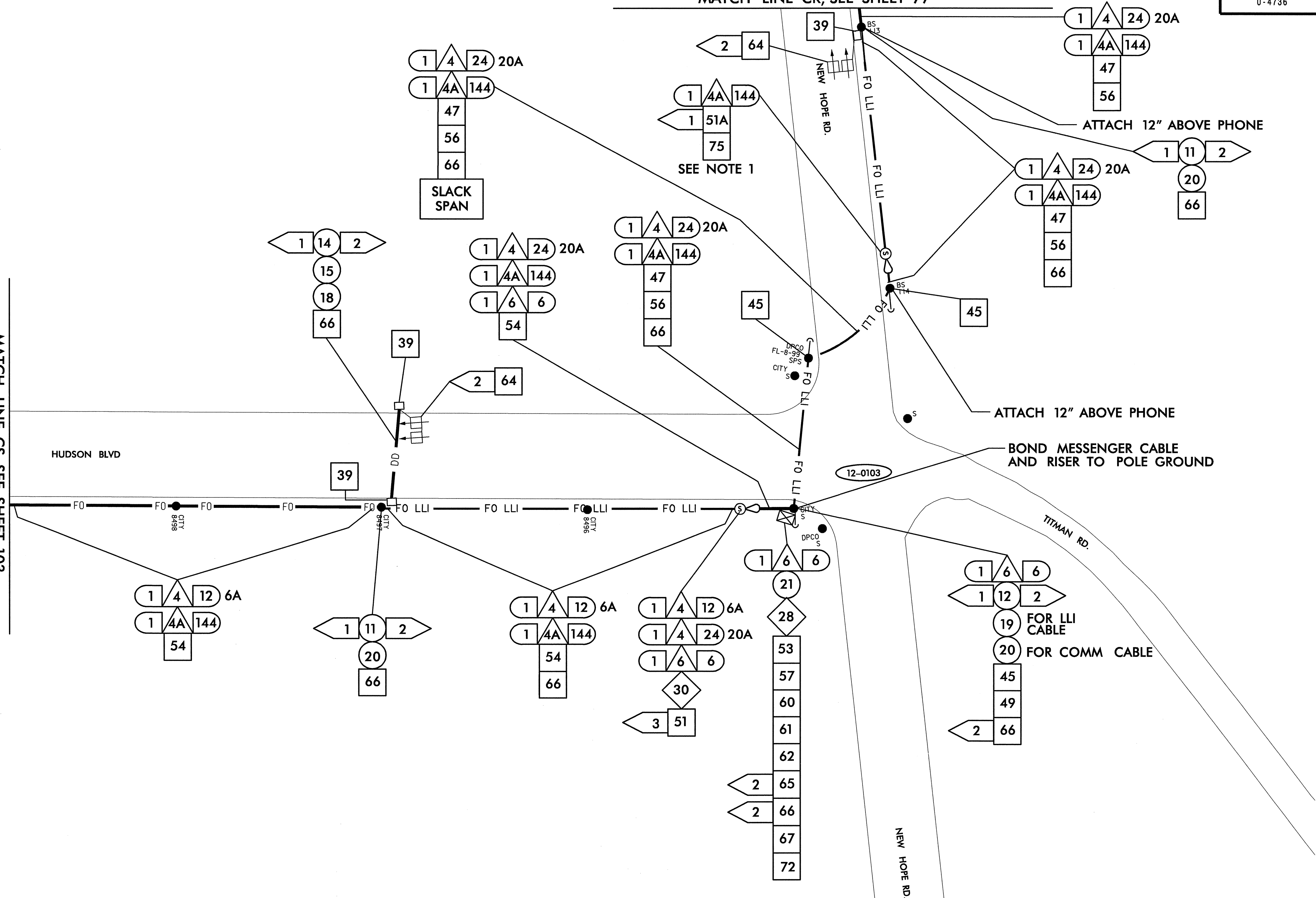


MATCH LINE CS, SEE SHEET 103

MATCH LINE CR, SEE SHEET 77



- 17. INSTALL CABLE(S) IN EXISTING CONDUIT
- 18. INSTALL CABLE(S) IN NEW CONDUIT
- 19. INSTALL CABLE(S) IN EXISTING RISER
- 20. INSTALL CABLE(S) IN NEW RISER
- 21. INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS
- 22. INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)
- 23. INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)
- 24. INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET
- 25. INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET
- 26. TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET
- 27. INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET
- 28. INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPICE CABLE IN CABINET
- 29. INSTALL UNDERGROUND SPICE ENCLOSURE
- 30. INSTALL AERIAL SPICE ENCLOSURE
- 31. INSTALL POLE MOUNTED SPICE CABINET
- 32. INSTALL BASE MOUNTED SPICE CABINET
- 33. REMOVE EXISTING SPICE CABINET

- 34. INSTALL CABINET FOUNDATION
- 35. REMOVE EXISTING CABINET FOUNDATION
- 36. INSTALL CCTV CAMERA ASSEMBLY
- 37. INSTALL CCTV CAMERA WOOD POLE
- 38. INSTALL CCTV CAMERA METAL POLE AND FOUNDATION
- 39. INSTALL JUNCTION BOX
- 40. INSTALL OVERSIZED JUNCTION BOX
- 41. REMOVE EXISTING JUNCTION BOX
- 42. INSTALL WOOD POLE
- 43. REMOVE EXISTING WOOD POLE
- 44. INSTALL AERIAL GUY ASSEMBLY
- 45. INSTALL STANDARD GUY ASSEMBLY
- 46. INSTALL SIDEWALK GUY ASSEMBLY
- 47. INSTALL MESSENGER CABLE
- 48. REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE
- 49. REMOVE EXISTING COMMUNICATIONS CABLE
- 50. INSTALL TELEPHONE SERVICE
- 51. INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE

- 52. INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE
- 53. INSTALL FIBER OPTIC DELINEATOR MARKER
- 54. STORE 20 FEET OF COMMUNICATIONS CABLE
- 55. LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE
- 56. LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 57. LASH CABLE(S) TO NEW MESSENGER CABLE
- 58. MODIFY EXISTING ELECTRICAL SERVICE
- 59. INSTALL NEW ELECTRICAL SERVICE
- 60. INSTALL VIDEO OPTIC TRANSMITTER WITH DATA
- 61. INSTALL FIBER OPTIC TRANSCIEVER
- 62. REMOVE EXISTING CONTROLLER AND CABINET
- 63. INSTALL NEW CONTROLLER
- 64. INSTALL SPECIAL JUNCTION BOX
- 65. INSTALL SYSTEM LOOP
- 66. INSTALL SYSTEM LOOP AMPLIFIER
- 67. INSTALL SYSTEM LOOP LEAD-IN CABLE
- 68. MODIFY EXISTING CABINET FOUNDATION

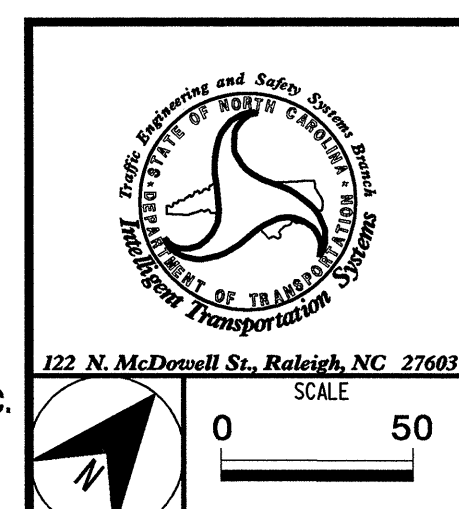
- 68. INSTALL UNI-DIRECTIONAL YAGI ANTENNA
- 69. INSTALL OMNI-DIRECTIONAL ANTENNA
- 70. INSTALL RADIO TRANSCIEVER
- 71. REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING
- 72. INSTALL NEW 332 BASE MOUNTED CABINET
- 73. INSTALL NEW 3365 POLE MOUNTED CABINET
- 74. INSTALL TERMINAL SPICE BOX
- 75. INSTALL GASTONIA ELECTRIC AERIAL SPICE ENCLOSURE
- 76. INSTALL GASTONIA ELECTRIC UNDERGROUND SPICE ENCLOSURE

ALL NCDOT ATTACHMENT POINTS ARE 40" BELOW POWER, FRONT SIDE OF POLE, UNLESS OTHERWISE NOTED.

NOTE:  
1. SPLICE ALL FIBERS IN ALL BUFFER TUBES TO SAME COLOR FIBER IN SAME COLOR BUFFER TUBE.

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PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



<b>CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE CABLE ROUTING PLANS</b>	
DIVISION 12	GASTON COUNTY
PLAN DATE: MAY 26, 2005	REVIEWED BY: I. Z. VANOSDELL
PREPARED BY: J. C. CROSS	REVIEWED BY: M. W. DUNZO
REVISIONS	INIT. DATE

SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
MARK DUNZO  
5/27/05  
DATE  
CADD File Name: ...sh1078.dgn