

Small Wireless Facilities Permit Application for Encroachments
in the City of Winston-Salem's Right-of-Way

Applicant Information			
Business Name: NEW CINGULAR WIRELESS PCS, LLC (DBA AT@T MOBILITY)			
Address: 575 MOROSGO DR			
City: ATLANTA	State: GA	ZIP Code: 30324	
Phone Number: 404-508-5750			
Fax Number:			
E-Mail Address:			
Information of Duly-Authorized Consultant or Agent Acting on Applicant's Behalf			
Name: ANSCO & ASSOCIATES, LLC			
Address: 736 PARK NORTH BOULEVARD SUITE 100			
City: CLARKSTON	State: GA	ZIP Code: 30021	
Phone Number: 678-277-4986			
Fax Number:			
E-Mail Address: ENGP@ANSCOLL.COM			
Information of Wireless Services Provider That Will Use the Encroaching Facilities			
Business Name: NEW CINGULAR WIRELESS PCS, LLC (DBA AT@T MOBILITY)			
Address: 575 MOROSGO DR			
City: ATLANTA	State: GA	ZIP Code: 30324	
Phone Number: 404-508-5750			
Fax Number:			
E-Mail Address:			
Project Information			
Name of City streets or right(s)-of-way in which Applicant proposes to encroach: RESEARCH PKWY			
Description of proposed work and facilities Applicant proposes to install, modify, replace, remove, or on which Applicant proposes to collocate (at a minimum, please, address: 1) whether the Applicant will install new facilities and/or modify, replace, remove, or collocate on existing ones, 2) whether Applicant intends to replace entire support structures, and 3) the concealment or camouflage elements the Applicant proposes to use to conceal or camouflage its facilities to the maximum extent practicable): <div style="border: 1px solid black; padding: 5px; min-height: 150px;"> ATTACH AND INSTALL SMALL CELL ANTENNA AND EQUIPMENT TO AN EXISTING AT&T WIRELINE POLE ON PUBLIC RIGHT-OF-WAY. </div>			
If additional space is necessary, please attach additional sheets and include the Applicant's name, signature, and date.			

Does the Applicant propose to modify, replace, remove, or collocate on any City-owned utility poles or other structures?	Yes	No <input checked="" type="checkbox"/>
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If so, please, identify the City-owned utility poles or other structures and the manner in which the Applicant proposes to modify, replace, remove, or collocate on them:

Does the Applicant require an estimate from the City for any make-ready work necessary to enable a City-owned utility pole to support a requested collocation of small wireless facilities, in compliance with applicable safety requirements?	Yes	No <input checked="" type="checkbox"/>
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Please attach to this Application a sealed site plan and elevation drawings, prepared by a professional engineer, architect, landscape architect, or other professional authorized to practice land development in North Carolina, with sufficient detail to show the proposed location of the facilities the Applicant proposes to install, modify, replace, remove, and/or collocate in the City street(s) or right(s)-of-way, including any manholes or poles and the size, type, height, width, weight, elevation, and depth of any manholes, poles, antennae, conduits, enclosures, and other equipment, as well as the proximity of all such facilities to existing poles, utilities (water, sewer, stormwater, electricity, gas, etc.), sidewalk, pavement, telecommunications or cable systems, and other public or private improvements in the City street(s) or right(s)-of-way and to nearby residential, commercial, and other structures.

Please attach to this Application specifications showing the size, type, height, width, weight, elevation, and depth of all proposed facilities.

Please attach to this Application photographic depictions and photo simulations of the proposed installation, modification, replacement, removal, or collocation from the four (4) cardinal directions, in the context of the site.

Third-Party Permissions

Does the Applicant intend to encroach on a third party's real or personal property?	Yes	No <input checked="" type="checkbox"/>
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If so, what property?

Please have the third party sign below, indicating their consent to the proposed encroachment.

Name of third party:

Signature of third party:

Title of third party, if applicable:

Date:

Please have the third party's signature notarized, below.

STATE OF _____

COUNTY OF _____

I, _____, a notary public of the County and State aforesaid, certify that _____, personally appeared before me this day and acknowledged that s/he is the Secretary of _____, a _____, and that by authority duly given and as the act of the _____, the foregoing instrument was signed in its name by its _____, sealed with its corporate seal, and attested by him- or herself as its Secretary.

Witness my hand and notarial seal this, the _____ day of _____, A.D., 20__.

Notary Public

In lieu of a signature, the Applicant may submit a letter of authorization from the third party. Has the Applicant included a letter of authorization with this Application?	Yes	No
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Regulatory Approvals

Were existing support structures and other facilities constructed, modified, or replaced with all required regulatory approvals at the time of construction, modification, replacement, removal, or collocation?

Yes X

No

Please attach to this Application evidence of prior regulatory approvals, demonstrating that the Applicant holds all necessary licenses, permits, and registrations. Please attach copies of all relevant licenses, permits, and registrations.

Disruption of Vehicular and Pedestrian Traffic

Will the proposed work and/or the proposed installation, modification, replacement, removal, or collocation of facilities cause any disruption in vehicular or pedestrian traffic in any streets or right(s)-of-way?

Yes X

No

If so, what precautions will Applicant take to minimize the disruption?

Traffic diagram attached.

The Applicant must contact the Winston-Salem Transportation Department's Operations Manager, at 336-747-6990, for approval of all lane and sidewalk closures at least two (2) business days prior to the commencement of any work in the City streets or rights-of-way.

Maintenance

Applicant will be responsible for the long-term maintenance of the proposed encroachment.

Insurance

Please attach original, signed copies of the Applicant's and its subcontractors' insurance certificates, naming the City additional insured, protecting the City from liability and damages pertaining to any work or encroachment covered by a permit issued pursuant to this Application, and evidencing the types and amounts of coverage the City's Risk Management Office requires all applicants to furnish, by general policy. The Applicant must maintain its insurance policies in continuous effect for the duration of the encroachment. The Applicant's subcontractors must maintain their insurance policies in continuous effect for the duration of the work the subcontractors perform and for a period of one (1) year thereafter. The Applicant must furnish the insurance certificates of all subcontractors it engages to perform work pursuant to the aforesaid permit. Updated certificates must be submitted within ten (10) calendar days of the City's demand therefor.

Radiofrequency Exposure Compliance Report

Please attach to this Application a radiofrequency exposure compliance report, prepared by a certified radiofrequency engineer, certifying the proposed and existing facilities' compliance with applicable federal radiofrequency exposure standards and limits.

Additional Information

Please provide any additional information the Applicant wishes the City to consider in reviewing this Application. If additional space is necessary to complete the answers to any section of the Application, please attach additional sheets and include the Applicant's name, signature, and date.

Certifications

I, Edmund MacDonald (Print Name), certify/attest that I am the Sr Real Estate and Construction Manager (Print Position Title) for the Applicant and I, hereby, certify/attest, on behalf of the Applicant, that:

- The proposed and existing facilities will not interfere with any existing public or private utilities (water, sewer, stormwater, electricity, gas, etc.), public safety, or other systems.
- The proposed and existing facilities will comply with: 1) the City Code of the City of Winston-Salem, 2) the Unified Development Ordinances of the City of Winston-Salem and Forsyth County, 3) all applicable uniform codes, such as building, fire, electrical, plumbing, and mechanical codes adopted by a recognized national code organization and state and local amendments, thereto, enacted solely to address imminent threats of destruction of property or injury to persons, 4) approved plans, and 5) prior and existing conditions of approval.
- Small wireless facilities will be collocated on any utility pole or wireless support structure that Applicant proposes to install, modify, replace, or on which Applicant proposes to collocate within six (6) months of the approval of this Application, and will be activated for use, by a wireless services provider, within one (1) year from the date of the issuance of a permit, pursuant to this Application, unless the City and the Applicant or wireless services provider agree to extend the period or a delay is caused by a lack of commercial power at the site of the encroachment.
- The Applicant has secured all requisite third-party consents to the proposed encroachment.
- Existing support structures and other facilities were constructed, modified, or replaced with all required regulatory approvals at the time of construction, modification, replacement, removal, or collocation.
- The Applicant will minimize any disruption in vehicular or pedestrian traffic in any streets or right(s)-of-way and will contact the Winston-Salem Department of Transportation's Operations Manager, at 336-747-6990, for approval of all lane and sidewalk closures, at least two (2) business days prior to the commencement of any work in the City streets or rights-of-way.
- The Applicant will provide for the continuous, long-term maintenance of the encroachment.
- The Applicant will furnish updated insurance certificates within ten (10) calendar days of the City's demand therefor.
- The proposed encroachment will comply with applicable federal radiofrequency exposure standards and limits.
- To the best of Applicant's and my knowledge and belief, and under penalty of perjury, all of the information contained in, attached to, and submitted with, this Application is accurate and true.

Edmund MacDonald

Please have the affiant's signature notarized, below.

STATE OF North Carolina

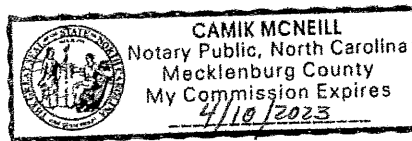
COUNTY OF Mecklenburg

I, Camik McNeill, a notary public of the County and State aforesaid, certify that Edmund MacDonald, personally appeared before me this day and acknowledged that s/he is the Secretary of Manager Construction & Engineering, a Sr. Real Estate Manager (Construction), and that by authority duly given and as the act of the New Cingular Wireless PCS LLC, the foregoing instrument was signed in its name by its Company, sealed with its corporate seal, and attested by him- or herself as its Secretary.

Witness my hand and notarial seal this, the 4th day of April, A.D., 2019.

Camik McNeill
Notary Public

My commission expires: 4/10/2023



Submissions

Please indicate which of the following submissions are included with the Application:

X	A sealed site plan and elevation drawings, prepared by a professional engineer, architect, landscape architect, or other professional authorized to practice land development in North Carolina, with sufficient detail to show the proposed location of the facilities the Applicant proposes to install, modify, replace, remove, and/or collocate in the City street(s) or right(s)-of-way, including any manholes or poles and the size, type, height, width, weight, elevation, and depth of any manholes, poles, antennae, conduits, enclosures, and other equipment, as well as the proximity of all such facilities to existing poles, utilities (water, sewer, stormwater, electricity, gas, etc.), sidewalk, pavement, telecommunications or cable systems, and other public or private improvements in the City street(s) or right(s)-of-way and to nearby residential, commercial, and other structures.
X	Specifications showing the size, type, height, width, weight, elevation, and depth of all proposed facilities.
	Photographic depictions and photo simulations of the proposed installation, modification, replacement, removal, or collocation from the four (4) cardinal directions, in the context of the site.
	A letter of authorization from one or more third parties, indicating their consent to the proposed encroachment. Please specify in the blank to the right how many letters are attached: _____.
	Copies of all relevant licenses, permits, and registrations, and any other evidence of prior regulatory approvals, demonstrating that the Applicant holds all necessary licenses, permits, and registrations. Please indicate, in the space immediately below, which licenses, permits, or registrations are attached: _____ _____ _____
	Original, signed copies of the Applicant's and its subcontractors' insurance certificates, naming the City additional insured. Please indicate, in the space immediately below, which insurance certificates are attached: _____ _____ _____
	A radiofrequency exposure compliance report, prepared by a certified radiofrequency engineer, certifying the proposed and existing facilities' compliance with applicable federal radiofrequency exposure standards and limits.
	Additional or supplementary sheets or other information. Please indicate, in the field below, what additional or supplementary information is attached: _____ _____ _____

PRELIMINARY

-FOR REVIEW ONLY-

UTILITY NOTES:

WORK INCLUDES:
 THESE NOTES AND ACCOMPANYING DRAWINGS COMPLEMENT THE PROVISIONS AND INSTALLATIONS BY THE ELECTRICAL CONTRACTOR, OF ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL THE ELECTRICAL WORK COMPLETE IN CONNECTION WITH THIS CELLULAR SITE AND SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:

1. THE PROVISIONS, INSTALLATION AND CONNECTION OF A GROUNDING ELECTRODE SYSTEM COMPLETE WITH SECONDARY GROUNDING, AND CONNECTIONS TO THE INCOMING ELECTRICAL DISTRIBUTION EQUIPMENT.
2. THE PROVISION AND INSTALLATION OF AN OVERHEAD ELECTRICAL SERVICE OR UNDERGROUND ELECTRICAL SERVICE AND ALL ASSOCIATED WIRE AND CONDUIT AS REQUIRED AND/OR INDICATED ON PLANS.
3. THE PROVISION AND INSTALLATION OF CONDUIT AND CONNECTIONS FOR LOCAL FIBER SERVICE.
4. THE FURNISHING AND INSTALLATION OF THE ELECTRICAL SERVICE ENTRANCE CONDUCTORS, CONDUITS, METER SOCKET, AND CONNECTIONS TO THE SERVICE EQUIPMENT.
5. ALL CONDUITS SHOULD BE LEFT WITH NYLON PULL CORD FOR FUTURE USE.
6. EXCAVATION, TRENCHING, AND BACKFILLING FOR CONDUIT(S), CABLE(S) AND EXTERNAL GROUNDING SYSTEM.

CODES, PERMITS AND FEES:

1. ALL REQUIRED PERMITS, LICENSES, INSPECTIONS AND APPROVALS SHALL BE SECURED AND ALL FEES FOR SAME PAID BY CONTRACTOR.
2. THE INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES: STATE, LOCAL AND NATIONAL AND THE DESIGN, PERFORMANCE CHARACTERISTICS AND METHODS OF CONSTRUCTION OF ALL ITEMS AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE LATEST ISSUE OF THE VARIOUS APPLICABLE STANDARD SPECIFICATIONS OF THE FOLLOWING AUTHORITIES:

- N.E.C. NATIONAL ELECTRICAL CODE
- A.S.I. AMERICAN NATIONAL STANDARDS INSTITUTE
- I.E.E.E. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
- A.S.T.M. AMERICAN SOCIETY FOR TESTING MATERIALS
- N.E.M.A. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
- U.L. UNDERWRITERS LABORATORIES, INC.
- N.F.P.A. NATIONAL FIRE PROTECTION ASSOCIATION

RACEWAYS AND WIRING:

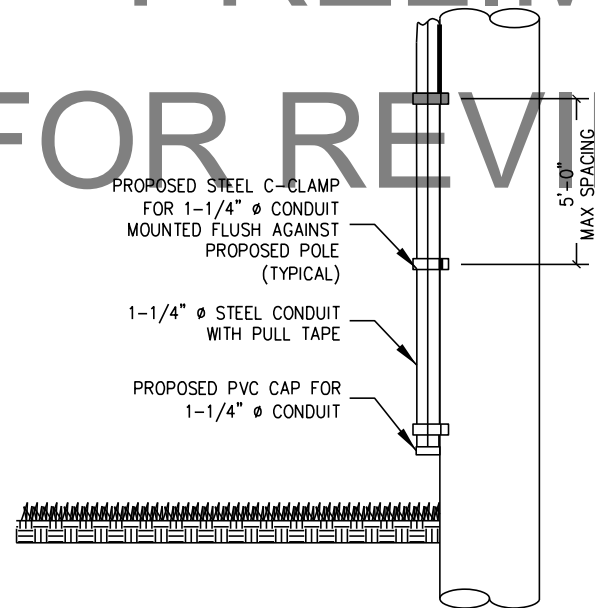
1. WIRING OF EVERY KIND MUST BE INSTALLED IN CONDUIT, UNLESS NOTED OTHERWISE, OR AS APPROVED BY THE ARCHITECT/ENGINEER.
2. UNLESS OTHERWISE SPECIFIED, ALL WIRING SHALL BE COPPER (CU) TYPE THWN, SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES.
3. RACEWAYS SHALL BE GALVANIZED STEEL, SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES UNLESS OTHERWISE NOTED. ALL RACEWAYS SHALL BE APPROVED FOR THE INSTALLATION.
4. PULL OR JUNCTION BOXES SHALL BE PROVIDED AS REQUIRED TO FACILITATE INSTALLATION OF RACEWAYS AND WIRING. PROVIDE JUNCTION AND PULLBOXES FOR CONDUIT RUNS WITH MORE THAN (360) DEGREES OF BENDS.
5. PROVIDE A COMPLETE RACEWAY AND WIRING INSTALLATION, PERMANENTLY AND EFFECTIVELY GROUNDED IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE AND LOCAL CODES.
6. ALL STEEL CONDUIT SHALL BE BONDED AT BOTH ENDS WITH GROUND BUSHING.

GENERAL NOTES:

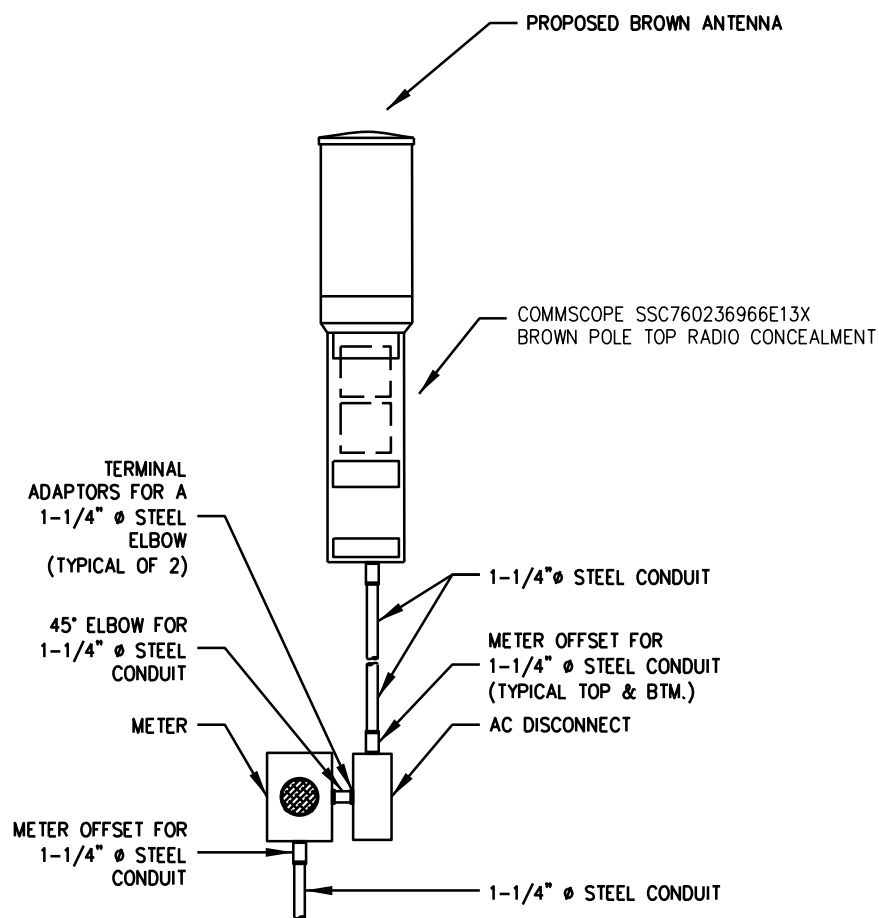
SEE DETAILS, SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION. CHECK ARCHITECTURAL, STRUCTURAL, AND OTHER MECHANICAL AND ELECTRICAL DRAWINGS FOR SCALE, SPACE LIMITATIONS, COORDINATION, AND ADDITIONAL INFORMATION, ETC. REPORT ANY DISCREPANCIES, CONFLICTS, ETC. TO ARCHITECT/ENGINEER BEFORE SUBMITTING BID. ALL EQUIPMENT FURNISHED BY OTHERS (FBO) SHALL BE PROVIDED WITH PROPER MOTOR STARTERS, DISCONNECTS, CONTROLS, ETC. BY THE ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND COMPLETELY WIRE ALL ASSOCIATED EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S WIRE DIAGRAMS AND AS REQUIRED FOR A COMPLETE OPERATING INSTALLATION. ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF (FBO) EQUIPMENT PRIOR TO ROUGH-IN OF CONDUIT AND WIRING TO AVOID CONFLICTS.

COORDINATION WITH UTILITY COMPANY:

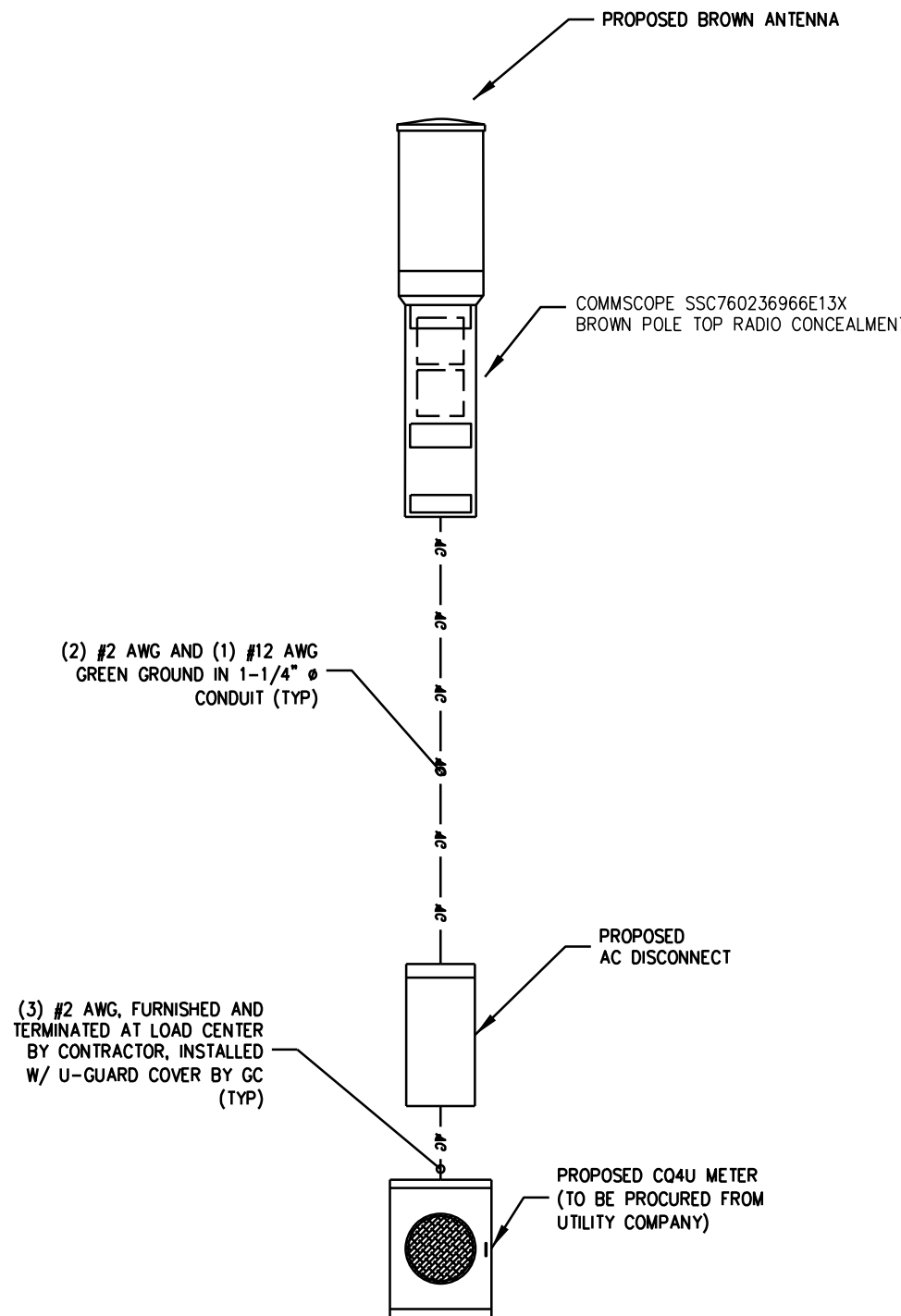
THE ELECTRICAL CONTRACTOR SHALL COORDINATE COMPLETE ELECTRICAL SERVICE WITH LOCAL UTILITY COMPANY FOR A COMPLETE OPERATIONS SYSTEM, INCLUDING TRANSFORMER CONNECTIONS, CONCRETE TRANSFORMER PADS, IF REQUIRED, METER SOCKETS, PRIMARY CABLE RACEWAY REQUIREMENTS, SECONDARY SERVICE, ETC. PRIOR TO SUBMITTING BID TO INCLUDE ALL LABOR AND MATERIALS. THE ELECTRICAL CONTRACTOR SHALL INCLUDE IN THE BID ANY OPTIONAL OR EXCESS FACILITY CHARGES ASSOCIATED WITH PROVIDING ELECTRICAL SERVICE FROM LOCAL UTILITY COMPANY. VERIFY BEFORE BIDDING TO INCLUDE ALL COSTS. THE ELECTRICAL CONTRACTOR SHALL VERIFY BIDDING TO FAULT CURRENT WITH THE LOCAL UTILITY COMPANY PRIOR TO SUBMITTING BID. ADJUST A.I.C. RATINGS OF ALL OVER CURRENT PROTECTION DEVICES IN THE DISTRIBUTION EQUIPMENT AS REQUIRED TO COORDINATE WITH AVAILABLE FAULT CURRENT FROM THE LOCAL UTILITY COMPANY.



CONDUIT DETAIL
NOT TO SCALE



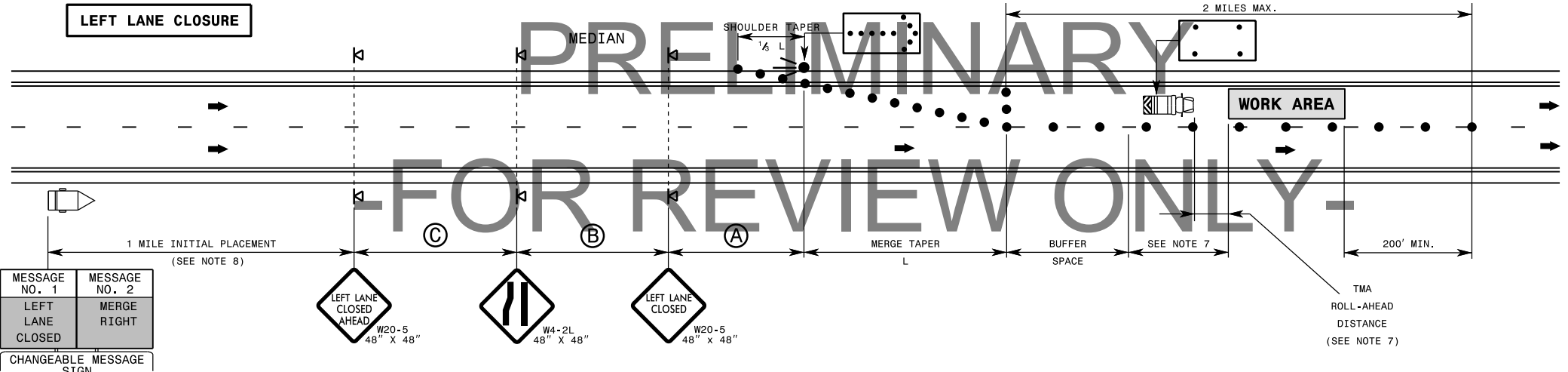
POWER CONDUIT ROUTING DIAGRAM
NOT TO SCALE



POWER RISER DIAGRAM
NOT TO SCALE

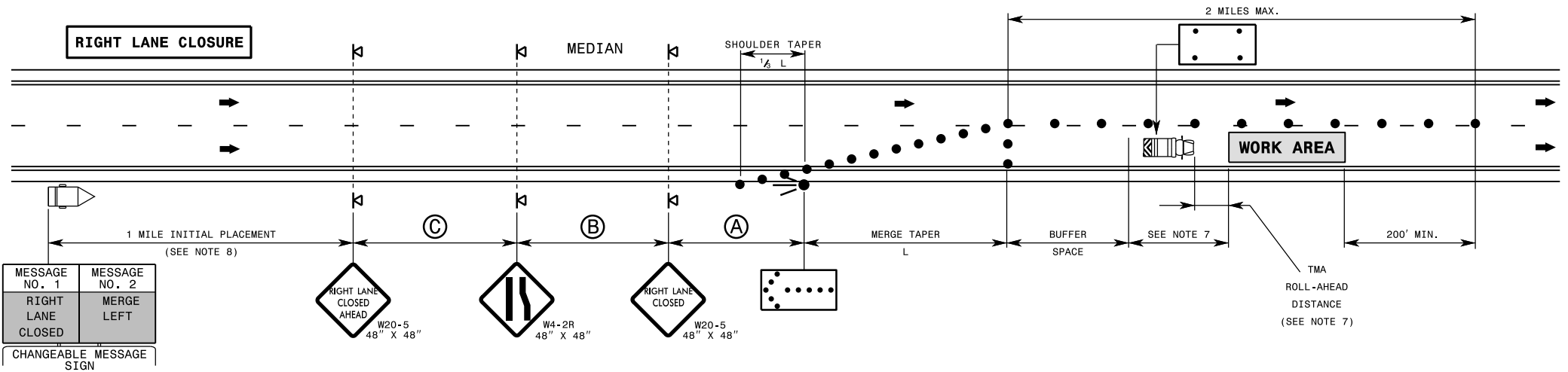
PREPARED FOR	
PREPARED BY	
ANSKO & ASSOCIATES	
POLYGON NAME	GBFZ1
STRUCTURE NUMBER	5
STRUCTURE OWNER	AT&T WIRELINE
STRUCTURE ADDRESS	575 4TH STREET EAST WINSTON SALEM, NC 27110
STRUCTURE COORDINATES	36.099596 -80.2378601
DESIGN REVISIONS	
DATE	REVISIONS
APPROVED BY: ANSKO & ASSOCIATES	
DESIGNED BY: RYAN BERGER	
PROJECT #: 91000031763	
SHEET NAME	
ELECTRICAL DETAILS	
SHEET NUMBER	
C-6	

LEFT LANE CLOSURE



MESSAGE NO. 1	MESSAGE NO. 2
LEFT LANE CLOSED	MERGE RIGHT
CHANGEABLE MESSAGE SIGN	

RIGHT LANE CLOSURE



MESSAGE NO. 1	MESSAGE NO. 2
RIGHT LANE CLOSED	MERGE LEFT
CHANGEABLE MESSAGE SIGN	

GENERAL NOTES

- IF NECESSARY USE THIS RSD. FOR ONE-WAY CITY TYPE STREETS WHERE SIGNS MAY BE MOUNTED ON BOTH SIDES OF THE ROADWAY.
- PLACE FLASHING ARROW BOARDS (FAB) ON THE SHOULDER (PAVED OR UNPAVED). PLACE FAB WITHIN THE TAPER IF SHOULDERS DO NOT EXIST. MEET THE REQUIREMENTS FOR STOPPING SIGHT DISTANCE AT THE FAB LOCATION. IF NEEDED, EXTEND LANE CLOSURES AT THE BUFFER SPACE, SUCH THAT STOPPING SIGHT DISTANCE TO THE FAB IS MET (SEE RSD. 1101.11, SHEET 2).
- PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL IN FEET TO THE POSTED SPEED LIMIT. PLACE DRUMS ALONG THE WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.
- REFER TO RSD. 1101.11, SHEETS 1, 2, & 4, FOR "L" DISTANCE, BUFFER SPACE, AND SIGN SPACING.
- REFER TO RSD. 1101.02, SHEETS 9 & 10, FOR TREATMENT OF LANE CLOSURES THRU INTERCHANGES.
- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
- POSITION THE TMAs TO MAINTAIN A ROLL-AHEAD DISTANCE AS RECOMMENDED BY THE MANUFACTURER AND CONTINUOUSLY ADVANCE TMAs AS WORK PROGRESSES.
- PLACE CHANGEABLE MESSAGE SIGN (CMS) ON THE OUTSIDE OF THE TRAVELWAY, UNLESS DIRECTED OTHERWISE BY THE ENGINEER. PLACE CMS APPROXIMATELY 1 MILE IN ADVANCE OF THE FIRST W20-5 SIGNS. IF TRAFFIC BACKS UP TO WHERE THE CMS IS INITIALLY PLACED, RELOCATE CMS 1/2 MILE IN ADVANCE OF ANTICIPATED BACKUP. MONITOR TRAFFIC, AND WHEN NECESSARY, MOVE CMS APPROXIMATELY 1/2 MILE IN ADVANCE OF ANTICIPATED BACKUP.
- DO NOT EXCEED A 2 MILE LANE CLOSURE LENGTH UNLESS OTHERWISE SHOWN IN THE TMP OR AS DIRECTED BY THE ENGINEER.

LEGEND

- FLASHING ARROW BOARD
- FLASHING ARROW BOARD (96"X48" MIN.), "CAUTION MODE"
- TRUCK MOUNTED ATTENUATOR(TMA)
- CHANGEABLE MESSAGE SIGN (CMS)
- DRUM
- PORTABLE SIGN
- DIRECTION OF TRAFFIC FLOW