**Wayne McKenzie**

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**SUMMARY:**

* Project Manager/Transport/Provisioning engineer With 14+ Years Of Experience In designing of Ethernet & TDM circuits, testing and troubleshooting circuits, equipment installation, review and approval of methods of procedures (MOPs).
* His heavy focus was on designing,installing granite(work orders) along with issuing,monitoring the ordering process.
* He was Responsible for transport FTTC, Ethernet and backhaul cost savings projects by analyzing OC-x, Dark Fiber, SONET Rings, DS3s, DS1s, Ethernet, TDM and mobile backhaul designs and backbone capacity management for new projects. Using Granite Inventory to create circuit segments, port assignments, new paths and equipment ports creation in preparation for new site builds, migrations, serving wire center re-hubs, and re-grooming
* He has produced reports for tracking, PSTN, MTSO and IMT trunks T1 spans, DS3 hubbing, CFA and backhaul utilization, and equipment port utilization,Had involvement with network optimization software tools to perform leased line network grooming
* He has Advanced skills in Granite Inventory database, ordering processes and procedures,Network Optimization and Standard migration practices, ASR issuance from CEMR and CAFÉ.
* Experience in Ordering PSTN and 911trunks and facilities and translate findings into Granite
* He has experience in Fiber to Cell site, Circuit Grooming (trim back Circuits), Circuit mapping using Granite, converting the DS1 to Ethernet, Upgrade to Ethernet Backhaul, Disconnect TDM

**Availability:**

* Location lawrenceville,GA 30043
* Phone Interview : 10 AM -4 PM EST
* In Person Interview : 10 AM -4 PM EST
* Availability : Asap
* US Citizen, local Candidate, Available Immediately

**EDUCATION:**

* BS, Telecommunications, Inc. - Ohio State University, Columbus, OH USA
* Professional Licenses, Accreditations, and Memberships:
* Kappa Alpha Psi Fraternity, Certificate of Officiating basketball, Typing I certificate, Circuit design class, Project Management assessment

**PROFESSIONAL EXPERIENCE:**

**COX Communications, Atlanta, GA USA 12/2019 – Present**

**Network Scoping Engineer**

* Assimilated PSTN Interconnect Network architecture involving types 2A/2B
* Utilizing Granite to create work orders for high speed telephony including SONET, OC3-OC192 via ASRs and Equipment databases
* Combine Microsoft Office Suite with Project Management to facilitate the Transport process
* Placing disconnect orders with LECS, and IXC carriers, writing work orders and assigning tasks to cell site and switch technician for night of conversion from CDMA,EVDO and IPBH disconnects and redesign of circuits to EBH technology.
* Processed DS3 and PSTN disconnects with LEC and vendors.
* Tracked DS3s, PSTN and Long Distance trunks through to switch acceptance
* Projected Managed coordination of acquiring Small Cell products including Smart poles, vaults, lights, Air Canisters, shrouds, Cx drawings working with various suppliers.
* Implementation of 5G small cells throught West region of United States.

**ATT Mobility, Atlanta, GA USA 05/2002 – 10/2018**

**Network Transport Engineer IV Mobility**

* Implemented Ethernet to Cell Site designs using multiple engineering data bases throughout the Northeast Region
* Performed network optimization by grooming circuits off under-utilized transport and disconnecting spare facilities
* Order submittal and management of Network transport ASR and LSRs.
* Processed numerous projects using Granite Data Integrity to provide correct records saving ATT millions
* Processed coordinated ASRs to LECs, IXC, ILECs, and CAP for local access and communicated timelines
* Responsible for the provisioning and implementation of all leased telecommunications circuit based infrastructure, including DS1, DS3, OCn, PSTN and E911 circuits and the accuracy of associated database documentation.
* Validate provisioning data prior to order issuance and interface with Network Planners to resolve possible discrepancies
* Monitor network provisioning queue for network circuit orders pending submissio
* Established both Front hall and Backhaul mobile engineering containing all parts of optical fiber networks.
* Implemented Resiliency to protect network in Norcross, Ga. Worked with NTN Engineers and Transport Engineers to provide more efficient network.
* Coordinated E911 F-Link process to move F-Link circuits to diverse network in Columbia, Rochelle Park, and Reston, Va.
* Audit E911 mobility network for entire North-East region. Created multiple diverse routes using DART and MTSO switch equipment, Transport and associated LEC DS3 facilities to local PSAPs.
* Experienced with Granite/CANOPI/AOTS-Remedy/EPADD Telecom databases, Sonet, DWDM, MPLS, ATM, ETTC technology.
* Installed over 2000 Granite Work Orders including Sonus, IMT, E911, Trunking, ETTC, and GSMOE
* Extensive knowledge of digital multiplexers, IP and Ethernet transmission facilities,
* Created equipment BOMS for all Media gateway, routers and transport equipment.
* Worked with CISCO, Alcatel, Lucent, and Juniper equipment to process designs.
* Removed all 2G and 3G infrastructure from Columbia, Md., Reston, Va., Culloden, WV, Rochelle Park, NJ, Thomas St. NY, and White Plains, NY. Saving ATT millions in revenues
* Efficient in using various Transport equipment vendors Fujitsu, Nokia, Lucent, ADC Telecom.