MOUNTAIN MOBILITY FLEET

Presented by
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Planning and Development Department
MOUNTAIN MOBILITY FLEET VEHICLES BY FUEL TYPE*

*July 1, 2022

- **Trailblazer Light Transit**: 2 (Gas), 3 (Propane Bi-Fuel)
- **Light Transit**: 10
- **Van**: 15 (Propane Bi-Fuel), 12 (CNG Bi-Fuel)
- **Service**: 2

*July 1, 2022*
VEHICLE PROCUREMENT PROCESS

1. NCDOT Announces Capital Grant Funding Application
2. County Applies for Capital Grant Funds (to replace vehicles 100K+ miles)
   Have applied for mix of fuel options (gas, bi-fuel propane, bi-fuel CNG, hybrid electric)
3. NCDOT Capital Grant Agreement (80% Federal, 10% State, 10% Local)
   Have been granted funds for mix of fuel options (gas, bi-fuel propane, bi-fuel CNG, hybrid electric)
4. County Reviews NCDOT State Contracts & Obtains Authorization
   NCDOT state contracts have historically included mix of fuel options (gas, bi-fuel propane conversion, bi-fuel CNG, hybrid electric); however, not all fuel options have proven available
5. County Issues Purchase Order
   Have successfully purchased mix of fuel options (gas, bi-fuel propane conversion, bi-fuel CNG)
6. Vehicles Arrive/Converted and Deployed
7. NCDOT Lien on Vehicle
MIXED FUEL FLEET

• Current: Mixed fuel fleet allows flexibility amid fuel shortages and has environmental benefits

• Challenge: Though permitted, so far unable to procure electric transit vans

• Future: Electric fleet would increase flexibility and offer additional environmental benefits; 5339 announced new funding for zero emissions vehicles; Ford is selling electric vans (inclusion on state contract uncertain)