

DISTRIBUTION DIGITAL MAPPING

Jessica Williams

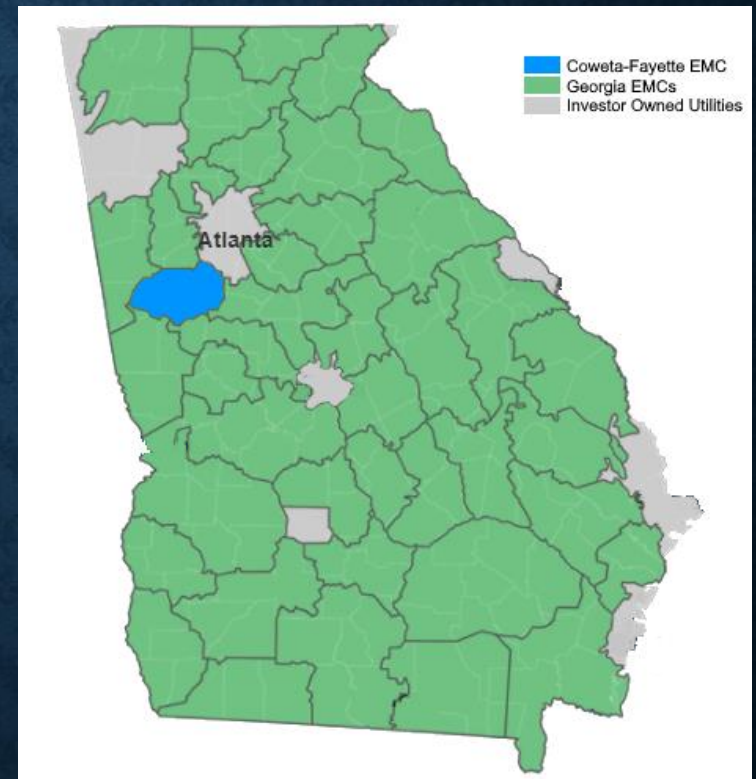
Coweta-Fayette EMC

INTRODUCTION

- About Me
 - Systems & IT related industry since 1992
 - Coweta-Fayette EMC – 19 years
 - 13 years GIS – no prior GIS experience
 - Received GIS Certificate from University of West Florida 2014

INTRODUCTION

- Coweta-Fayette EMC
 - Member owned electric utility cooperative founded in 1945 located in Southeast USA
 - Serve
 - 7 counties in Georgia just south of Atlanta
 - ~760 sq. miles
 - 3073 miles of overhead/2652 miles of underground distribution
 - 79,606 member owners
 - 85,632 active meters
 - Homes, small business, commercial and industrial



PAPER vs DIGITAL

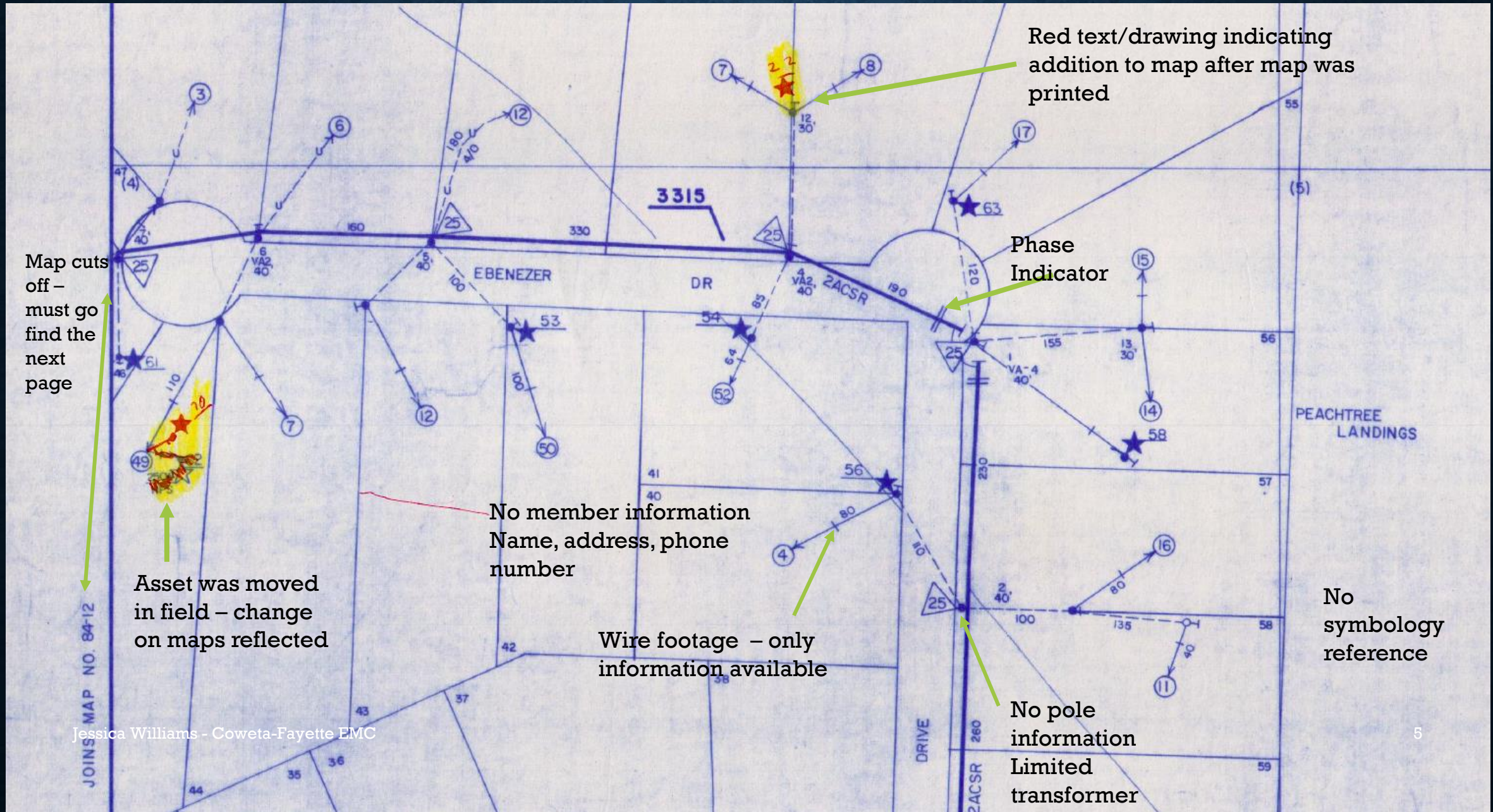
Paper

- Static - No updates
- Must be printed to be shared
- Limited information
- No GPS
- Bulky map books
 - 50 cm x 40 cm wide
 - 8-9 cm thick
 - 8-9 kg (19.4 lbs.)

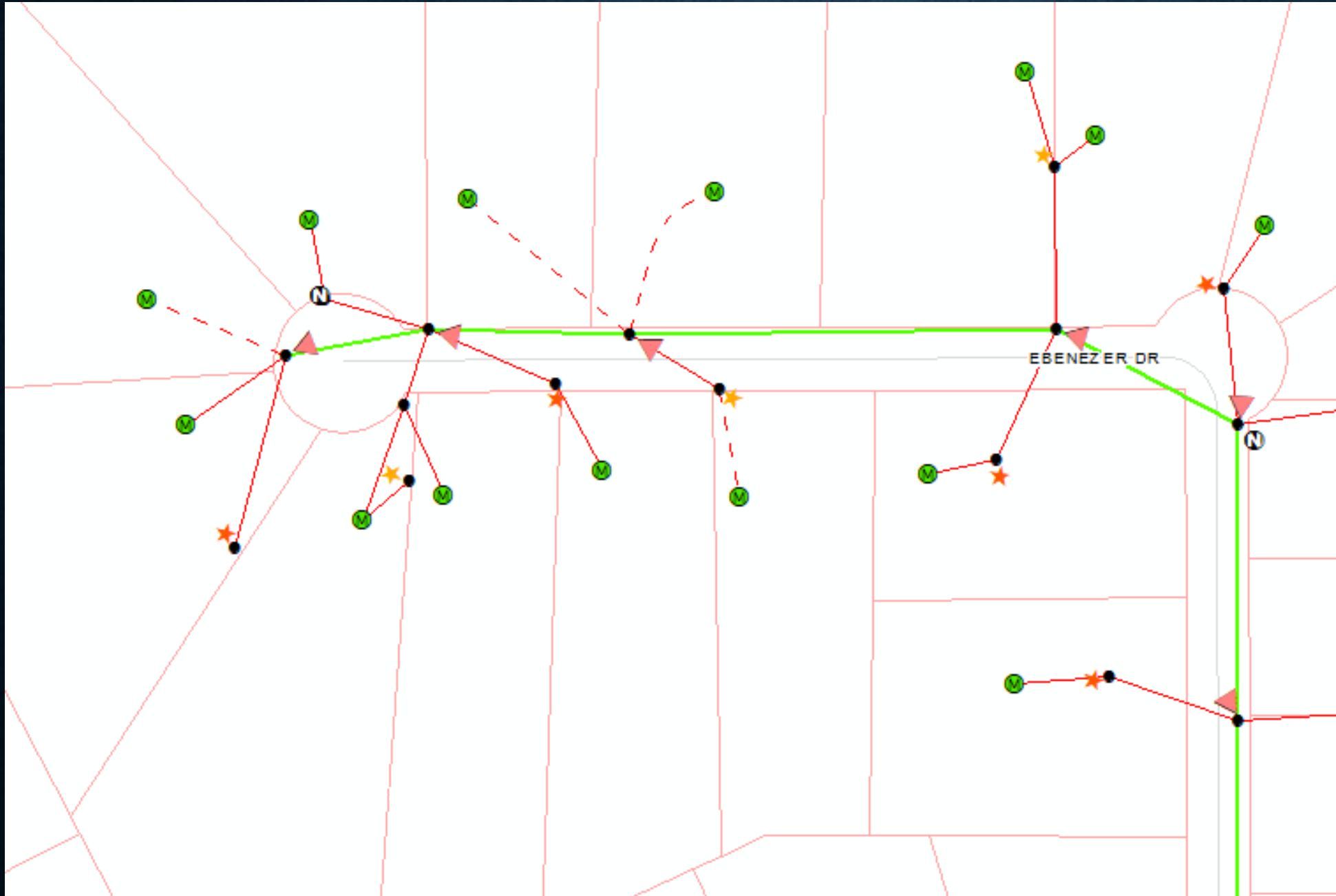
Digital

- Constantly updated
- Multiple modes of sharing
- Attribute tables provide data not available on paper map
- Geospatially referenced
- Portability
 - Laptop > iPad > smartphone

PAPER MAP



DIGITAL MAP



Identify from: <Top-most layer>

Light
Tag#: 118277 BillTo: 84134004 SYL Rate: 50LOE

Location: 2,141,680.226 1,235,254.556 Feet

Field	Value
CISLink	Yes
Job#	029038
Tag#	118277
Map#	84134956
ConstructionUnit	LED50AREA
Feeder	2742
Size	50
LightType	LED
OH/URD	OH
Class	RES
FIXTURE	Standard
BILLTO	84134004
BLocation	84134004
MbrSep	33058856001
SYL_RATE	50LOE
Type_IMS	50LOE
Comments	FRONT YARD RIGHT SIDE
IdleCode	0
GPSComment	ON
GPSComment1	130 EBENEZER DR
GPSComment2	<null>
GPSComment3	<null>
SLCHG	9.5
DateCreated	5/2/2014 8:32:51 AM
DateModified	5/19/2021 10:15:28 AM
LastModifiedBy	jwilliams
X_Coord	2141679.858952
Y_Coord	1235254.453348
StructureGUID	{c9758e81-bb29-4840-a9b2-6c87f556fa9c}
SERVADDR1	130 EBENEZER DR
SLNumber	12833
ConnDate	1/1/1950
DiscDate	<null>
Shape	Point

Identified 1 feature

HOW WE USE GIS



Thank You

Jessica Williams
Supervisor of GIS
Coweta-Fayette EMC
Palmetto, GA USA