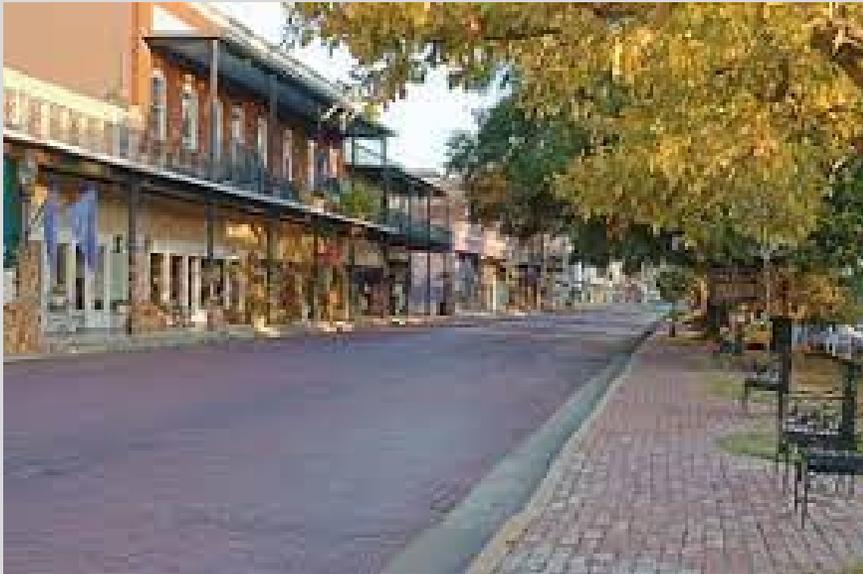


DEVELOPING A LOCAL ROAD INVENTORY

NICK VERRET, P.E.

CITY OF NATCHITOCHEES & PARISH OF NATCHITOCHEES



OR . . .

LOCAL ROAD INVENTORY
ON A “SHOESTRING” BUDGET

INVENTORY IS PART OF TRANSPORTATION ASSET MANAGEMENT

- KNOWING WHAT YOU HAVE
AND
- KNOWING WHAT CONDITION IT IS IN
AND
- USING THIS DATA TO *DRIVE DECISIONS*

AN ANCIENT PROVERB SAYS . . .

**“A JOURNEY OF A THOUSAND MILES
BEGINS WITH THE FIRST STEP”**

START WITH WHAT YOU HAVE . . .

- **PAPER SPREADSHEET**
- **ELECTRONIC DATABASE**
- **OTHER**

Road Inventory By Road Name (footage)

Name	Road#	Area(s)	Grid	Inset	Class	Dist	Blacktop	Gravel	TOTAL
578 (stewart)	578	A	A-5		Local	5		2,509	2,509
A. Gray(moore)	501A	C	E-5		Minor	4		689	689
Abraham	816	B	F-8		Local	5		7,742	7,742
Adams	350B	C	C-3		Minor	4		1,142	1,142
Adams, Edward	356	C	C-3		Collector	4	2,154		2,154
Adams, Wade	334	C	D-3		Local	4		942	942
Adkins, Melvin	312C	C	E-3		Minor	4		920	920
Albritton	645	A	B-6		Collector	5	3,287	1,332	4,619
Alexandria	TH01	A	C-3		Collector	4	1,964		1,964
Alford	720A	B	C-7		Minor	5		857	857
Allen	TB01	C	C-3		Collector	1	888		888
Allen-Beulah	450	A	A-4		Arterial	4	33,317		33,317
Allen-Marthaville	449	A	A-4		Local	4	0	31,384	31,384
		A	A-4		Local	5	13,189		13,189
Totals for this Road:							13,189	31,384	44,573
American Way	SW01	A	D-5		Collector	3	1,075		1,075
Anderson, Dick	457	A	A-4		Local	4		9,251	9,251
Anderson,archie	TA01	C	C-1		Collector	4		452	452
Ann St.	SB01	A	I-3	3	Collector	1	1,046		1,046
Anne	TG01	B	D-6		Collector	2	1,885	599	2,484
Anthony Church	565	A	A-5		Local	5		10,606	10,606
Antioch Cemetery	733	B	C-7		Local	5		4,564	4,564
Antley	527B	A	C-5		Minor	5		1,294	1,294
Aran	TG02	B	D-6		Collector	2		102	102
Arkansas	TH02	A	C-3		Collector	4	1,061	158	1,219
Ameida Camp	312A	C	E-3		Local	4		1,048	1,048
Ash St.	TE01	C	E-2		Collector	4	3,029		3,029
Ashland	TS03	C	C-1		Collector	4	15,000	1,500	16,500
Atkins	TB02	C	C-3		Collector	1	1,450		1,450
Atkins, Orb	305C	C	E-3		Local	4		7,213	7,213
Balley	651A	B	B-7		Minor	5		2,100	2,100
Bailey, Sheriff	305A	C	E-3		Local	4		7,535	7,535
Baker Spur	348D	C	C-3		Minor	4		412	412
Baker, L. C.	348	C	C-3		Local	4		4,070	4,070
Ball Parks-Dst 07	BP07	C	D-3		Minor	4		264	264
Ball Parks-Dst 09	BP09	A	B-5		Minor	5		264	264
Ball Parks-Dst 10	BP10	B	C-6		Minor	5		53	53
Ball Parks-Dst 11	BP11	B	E-8		Minor	5		264	264
Ballio	348A	C	C-3		Minor	4		432	432
Banes, Willie	626	B	C-6		Local	5		3,628	3,628
Banks, John	448	A	B-4		Local	4		9,610	9,610
Baptist Cemetery	450B	A	B-4		Minor	4		462	462
Bardwell, G.r.	813	B	F-8		Minor	5		3,254	3,254
Barnum	TB04	C	C-3		Collector	1	2,383		2,383
Barron, C.b.	TA02	C	C-1		Collector	4		540	540
Basco, Carlton	806A	B	G-8		Minor	5		550	550
Basco, Ezzie	909	B	E-9		Local	5		2,743	2,743
Basco, Wilson	828	B	E-8		Minor	5		7,461	7,461
Bass	TB06	C	C-3		Collector	4	536		536
Bates, Keith	TA03	C	C-1		Collector	4		511	511
Baxter, Carroll	361	A	A-3		Local	4		5,537	5,537
Baxter, Robert	364	A	A-3		Local	4		14,946	14,946
Bay Springs	812	B	F-8		Collector	5	4,526	14,063	18,589

CITY OF NATCHITOCHEs STREET LIST

ADD TO YOUR EXISTING DATABASE AS RESOURCES BECOME AVAILABLE

- **TO MOVE TO A GIS-BASED SYSTEM, COORDINATE WITH OTHER LOCAL ENTITIES THAT ARE ALREADY SET UP WITH GIS**
 - **PARISH 9-1-1 CENTER**
 - **UTILITY DEPARTMENT**
- **UTILIZE PART-TIME HELP OR STUDENT WORKERS**

IF TRANSITION TO GIS-BASED INVENTORY IS CURRENTLY UNATTAINABLE . . .

- **AT THE VERY LEAST, ADD DETAILS TO YOUR EXISTING SPREADSHEET INVENTORY, AS THE OPPORTUNITY PRESENTS ITSELF.**

INCLUDE THE FOLLOWING DETAILS

- **PAVEMENT TYPE & WIDTH**
- **TYPE OF SHOULDERS & WIDTH/CURB & GUTTER**
- **LOCATION OF SIGNIFICANT FEATURES:**
 - **SIDE ROAD INTERSECTIONS**
 - **CHANGES IN PAVEMENT TYPE OR WIDTH**
- **PAVEMENT CONDITION DATA**
- **REHABILITATION HISTORY – YEAR, SCOPE OF WORK, ETC.**

CITY OF NATCHITOCHEES

SPREADSHEET DATABASE IN PROGRESS

DATE	STREET	LENGTH	VISIBLE DISTRESS	RECOMMENDED TREATMENT
8/9/2018	Oakland Drive-Starlight to Cherokee		Overlaid in 2016	None
8/9/2018	Oakland Drive-Ditch to Paula	881	Moderate Block Cracking	Seal Coat
8/9/2018	Oakland Drive-Cherokee to end	1045	Moderate Block Cracking	AST
8/9/2018	Ouida Drive		Extensive Base Failure	Patch & 2" Overlay
8/9/2018	Parkway Drive-End of PCC turnout @ Keyser (0.0) to LM 0.65		Moderate Block Cracking & Alligator Cracking w/ Edge Failures	Patch & 2" Overlay
8/9/2018	Parkway Drive-LM 0.65-0.75		Recent Overlay	None
8/9/2018	Parkway Drive-LM 0.75 to Hancock		Severe AC & Base failures	Patch & 2" Overlay
8/9/2018	Parkway Drive-Hancock to LM 1.1		Overlaid in 2016	None
8/9/2018	Parkway Drive- LM 1.1 to South Drive		Moderate to Severe B/C & A/C	Patch & 2" Overlay

INCLUDE ALL ASSETS . . .

- **DRAINAGE STRUCTURES**
- **SIGNS**

- **NOT JUST ROADS/STREETS**

REMEMBER . . .

“ROME WASN’T BUILT IN A DAY”

AND MAYBE ONE DAY ...



POLL OF ATTENDEES

HOW MANY LOCAL PUBLIC AGENCIES REPRESENTED HERE TODAY
CURRENTLY DO NOT HAVE A GIS-BASED ROAD INVENTORY?

THANKS FOR YOUR ATTENTION!