

**2023 SPLOST Transportation Subcommittee  
MEETING MINUTES  
Thursday, October 12th, 2023 – 3:00 P.M.  
RDOT Building, 2570 Old Covington Hwy, Conyers, GA 30012**

1. **Call to Order:** SPLOST Sub-Committee meeting was called to order at 3:09pm by Arthur Vaughn (Subcommittee Chairperson).

**Attendees:**

**SPLOST Members:** Arthur Vaughn (Subcommittee Chairperson), Elaine Nash (Subcommittee Vice-Chair), James Stone, John Van Der Spek, Shawn Bilak, Vinette D’Andrade, Charles Staples (SPLOST Chairman), Dexter Bowman

**County Staff:** Andrew Hammer (Director of General Services), Brittany Konopka (General Services Capital Projects Manager), Brian Kelley (Director of Transportation), Rebeca Solomon (RDOT Civil Engineer III)

**Guests:** N/A

**Not Present:** Bill Campbell, Yvonne Duncan, Thomas C. Dean III (SPLOST Vice Chairman), Aviella Williams Gayden, Charlotte Gellert

2. **Approval of the agenda:** Approved with the understanding that the project list or motions may not be approved.
3. **Approval of Minutes:** Meeting minutes from September 21st, 2023, were approved with modifications to add line items F&G under new business.
4. **Subcommittee Chair Report:** Arthur Vaughn (Subcommittee Chairperson) shared the attached handout “Metro Atlanta tackles potholes and road distresses” with the members.
5. **Unfinished Business:**
- a. A request was made to modify the list of the SPLOST 5A Summary report 1<sup>st</sup> tier full depth reclamation to have the Bethel Road NE full depth reclamation project to go from Loganville Hwy to Black Shoals Road, NE.
6. **New Business:**
- a. Brian Kelley (Director of Transportation) reviews the “Four stages of a DOT project” chart.
  - b. Andrew Hammer (Director of General Services) reviews the 2023 SPLOST transportation project list charts.
  - c. A Motion was made by the Transportation subcommittee to approve the Sigman road IIIA, IIIB, and IV project list.  
**Motion Carried.**
  - d. A Motion was made by the Transportation subcommittee to approve the SPLOST 5A Summary report 1<sup>st</sup> tier full depth reclamation project list. **Motion Carried.**
7. **Public Comment:**
- a. Charles Staples (SPLOST Chairman) reminded the members to pay attention to the roads you drive on when around down and to bring them to Brian Kelley’s (Director of Transportation) attention.
  - b. John Van Der Spek asks about what affects the mining or mineral extraction has on the roads.
  - c. Rebeca Solomon (RDOT Civil Engineer III) gives a handout and explanation on the Zingara Road core information along with photos of the cores in response.
  - d. John Van Der Spek requests to break out the SPLOST 5A list of surface roads and SPLOST 5A full depth roads.
8. **SPLOST Member Comments:**
- a. John Van Der Spek requested to add the fiscal year date on the “Five-year Capital Improvement Plan” Spreadsheet.
9. **Adjournment:** There being no further discussion, the meeting adjourned at 4:45pm.
10. **Next meeting:** Thursday, *January 11th, 2023, from 3:00 p.m. – 5:00p.m.*

# Metro Atlanta tackles potholes and road distresses

By Melodii Peoples

Over time, state roadways all develop common pavement defects or deficiencies that the Georgia Department of Transportation seeks to remedy. There are specifically 10 common "distresses" that make up pavement deficiencies. Some of these distresses are cracks, dips or depressions; corrugations/pushing; edge distress; bleeding/flushing; loss of section; shoving and rutting; patches and raveling. Only the small, bowl-shaped depressions in the pavement surface are considered potholes.

Potholes can be the end-result of fatigue cracking. Sometimes called alligator cracking, fatigue cracking is square-like, tiled pieces of pavement that develop into a pattern resembling the scales on the back of an alligator or crocodile. The patches of pavement become dislodged as vehicles drive over them and the remaining hole after the pavement chunk is dislodged is the actual pothole.

Motorists experience potholes as a bump in the road or something to avoid or swerve around. When motorists report them to Georgia DOT for remedy, District 7's Customer Service team for the metro Atlanta region logs each report for action. Once the location of the pothole is determined to be on a state route, they get submitted as a work order. They then get sorted by location and distributed to an area office for inspection. Each area office has a maintenance team that takes the work order and executes the repairs.

The District 7 maintenance teams mainly use four types of asphalt concrete formulations to repair the potholes in all phases of Georgia's weather palate: cold-mix patching, hot-mix patching, mastic patching, and spray-injection



Photo Credit: Donald Madrie

This is the number 5 lane going into the number 4 lane next to the I-285 Eastbound ramp from Chamblee Tucker Road. **Note:** Lanes are numbered left to right on interstates in Georgia.



Photo Credit: Donald Madrie

This pothole was repaired using hot mix.

patching. The differences are the materials and what they are commonly used for. Cold mix asphalt is used on lower-volume rural roads. Hot mix asphalt is used on high-traffic pavements and can be used on large distressed or alligator areas.

Mastic Patching is used for distresses larger than those typically repaired by crack or joint sealing, but smaller than those requiring removal and replacement patching procedures. Spray-injection patching is used to repair potholes, alligator areas, edge distress and rutting.

Maintenance teams are out on the roads every day filling potholes throughout the district using tons of asphalt mixture. Weather permitting, a normal workday can easily see up to 11 tons of mix used on the roads. Beyond the customer calls, the district maintenance teams survey all of the roads in District 7 annually and rate the distresses for priority in a pavement preservation program.


To report a pothole or a road condition concern, traffic signal issue, litter, mowing need or bridge maintenance on a state route or interstate in metro Atlanta, call the District 7 Customer Service team with the location details and your contact information at (770) 216-3842, email us at: [D7CustomerService@dot.ga.gov](mailto:D7CustomerService@dot.ga.gov) or scan the QR Code to report it online.



Scan for more information


## Types of Road Distresses

**Raveling**




Patches/raveling is the progressive disintegration of the pavement surface resulting from the loss of a substantial number of surface stones, up to the loss of a substantial portion of the actual asphalt surface layer.

**Shoving**




Shoving is characterized by a depression in the road that takes on a lateral formation instead of an oval or bowl-like shape or an abrupt wave.

**Rutting**




Rutting shows up as longitudinal depressions that form under traffic in the wheelpath surfaces.

**Load Cracking**




Cracks start as single longitudinal cracks in the wheelpaths.

**Bleeding**



Bleeding/flushing is when you see a shiny, black surface film of asphalt on the road surface that can become quite sticky.

**Edge Distress**



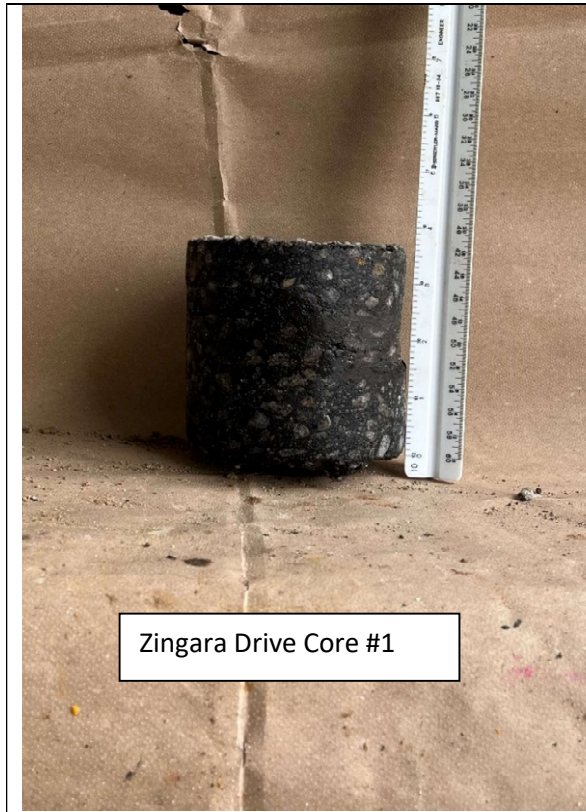
Edge distress is cracking and pavement edge break-off within 1 to 2 foot of the pavement edge and not associated with the wheelpath area.

**Summary Report 1st Tier FULL DEPTH RECLAMATION**

Road Name	From	To	Length (FT)	Width (FT)	SY	Portland Cement - 50lb/SY (TN)	8" Cement Stabalized Reclaimed Base Course	220 LB/SY 19 MM SP (TN)	135 LB/SY 9.5 MM SP (TN)	165 LB/SY 12.5 MM SP (TN)
Bethel Rd NE	SR 20	Black Shoals Rd NE	6109	22	14933	373	14933	1643	1008	
Daniels Bridge Rd SW	Westwood Dr SW	Oneal RD SW	6283	21	14660	367	14660	1613	990	
Hull Rd SE	Birch Lane SE	Hwy 212	1957	28	6088	152	6088	670	411	
Hull Rd SE	Oglesby Bridge Rd SE	Birch Lane SE	1568	20	3484	87	3484	383	235	
Old Covington Road	Gees Mill Road	First Shady Grove Park	3840	36	15360	384	15360	1690		1267
Tatum Road NE (water treatment plant)	SR 138	End	1420	25	3944	99	3944	434		325
Walker Rd SW	SR 138	Ebenezer Rd	4795	21	11188	280	11188	1231	755	
AS DIRECTED						200	7000	750	2000	2000
<b>TOTALS</b>			25972		40066	1941	76659	8413	5399	3593
			4.918939 Miles							

Road Name	From/To	Length (FT)	Core No.	Type Asphalt (depth/inches)					Base Material (depth/inches)				Asphalt above curb and gutter (in)	Comment	
				Surface mix	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	GAB	Soil Cement	Soil Aggregate			Soil
Zingara Dr	Hi Roc Road to US-20	13,973	1	3.75						6.25					
			2	2.75						6.00					
			3	1.25	1.75					7.50					
			4	2.50						6.75					
			5	3.00						6.75					
			6	2.25						5.50					
			7	1.25	3.00						4.00				
			8	1.00	4.00	1.25								yes	300' from Hightower rd
			9	2.00	2.00									yes	
			10	1.50	4.00							3.00			1200' after Hightower and before Chandler

SPLOST 5A Roadway Rehabilitation  
Rockdale County, Georgia  
Zingara Road Core Photos



Zingara Drive Core #1



Zingara Drive Core #2



Zingara Drive Core #3



Zingara Drive Core #4

SPLOST 5A Roadway Rehabilitation  
Rockdale County, Georgia  
Zingara Road Core Photos



Zingara Drive Core #5



Zingara Drive Core #6



Zingara Drive Core #7

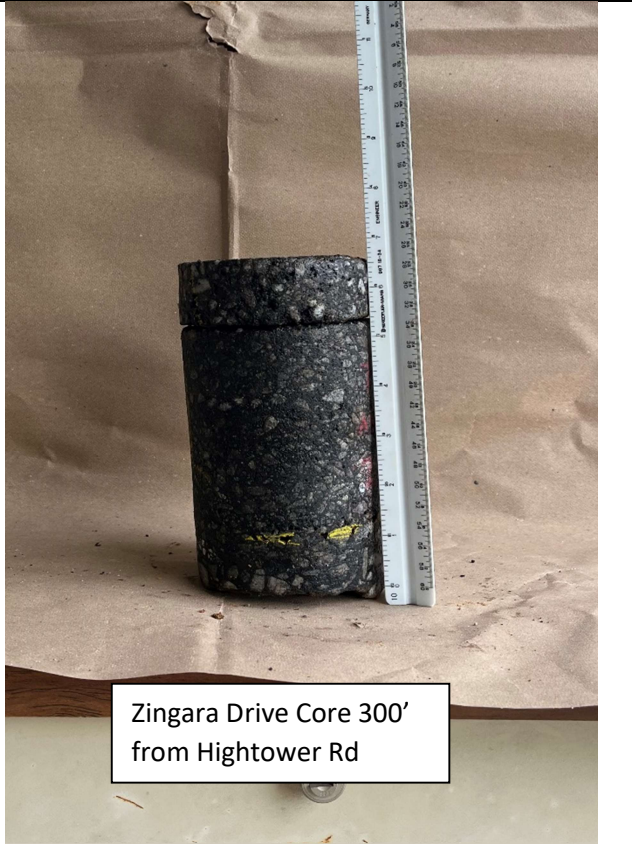


Zingara Drive Core #9

SPLOST 5A Roadway Rehabilitation  
Rockdale County, Georgia  
Zingara Road Core Photos



Zingara Drive Core 1200'  
after Hightower Rd



Zingara Drive Core 300'  
from Hightower Rd