

Microsurfacing

US 431 (MP 12.6-18.3)-Logan County-CID: 202031

Type 2 Gradation vs. Type 3 Gradation
Surface





Aggregate Gradations % Passing

	Type II	Type III
• 3/8:	100	100
• NO. 4:	90-100	70-100
• NO. 8:	60-90	45-70
• NO. 16:	40-70	28-50
• NO. 30:	25-50	19-34
• NO. 50:	15-30	12-25
• NO. 100:	10-21	7-18
• NO. 200:	5-15	5-15



KY TRANSPORTATION CABINET
 DIVISION OF MATERIALS
 AGGREGATE TEST RESULTS
 MICROSURFACE AGGREGATE TYPE III
 KY WETSIEVE

Sub. Encl.
 Approved

ID. NO. _____	SAMPLE SEQ. NO. <u>1</u>
PASS/FAIL <u>PASS</u>	PRODUCER NAME <u>VULCAN</u>
DATE SAMPLED _____	LOCATION <u>GRAND RIVERS</u>
SAMPLE BY _____	NUMBER _____
INSPECTED QUANTITY _____ TONS	BID ITEM DESCRIPT. <u>MICROSURFACING TYPE III</u>
DATE RECEIVED _____	BID ITEM NO. _____
DATE TESTED _____	PRIME CONTRACTOR _____
TESTED BY <u>iburt</u>	SUBCONTRACTOR _____
SAMPLE LOCATION _____	USED LOADER TO STIR PILE Y / N <u>N</u>

COUNTY	PCN:	PROJECT NUMBER
<u>LOGAN</u>	<u>202031</u>	_____

Mazz of Pycnometer, Water and the Tert Partion Before Washing	5812
Mazz of Pycnometer, Water and the Tert Partion After Washing	5689
Mazz of Pycnometer and Water	4492
Percent of Material Finer Than a No.200 sieve	9.3

SAND	4.1
CLAY	5.2
S.E.	79

Min 65

SIZE	Dry		Wat		IN / OUT	SPEC'S
	(g) RET	% RET	% PASS	% PASS		
3/8"	0	0.0	100	100	IN	100
#4	337	17.8	82	84	IN	70-100
#8	700	37.0	45	50	IN	45-70
#16	419	22.2	23	30	IN	20-50
#30	204	10.8	12	20	IN	10-34
#50	117	6.2	6	15	IN	12-25
#100	67	3.5	2	12	IN	7-10
#200	0	0.0	2	12	IN	5-15
Pan	46	2.4				
TOTAL	1890					



Color Differences:





Leveling Coarse Discoloration



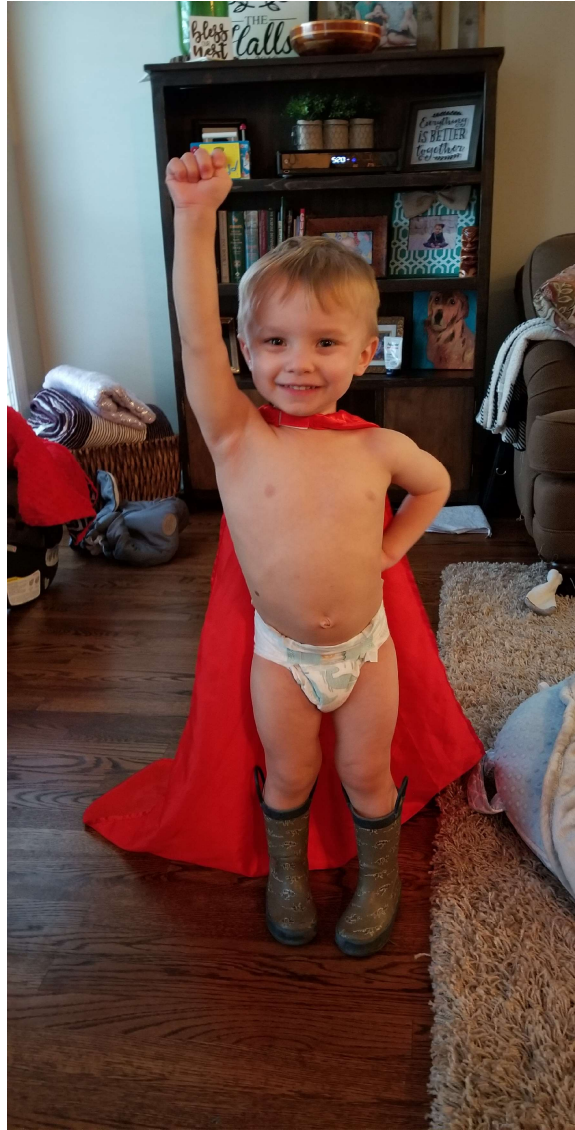












Questions?



US 79 (MP 9.77-10.62)

Logan County

Fiber Mat/Thin Lay

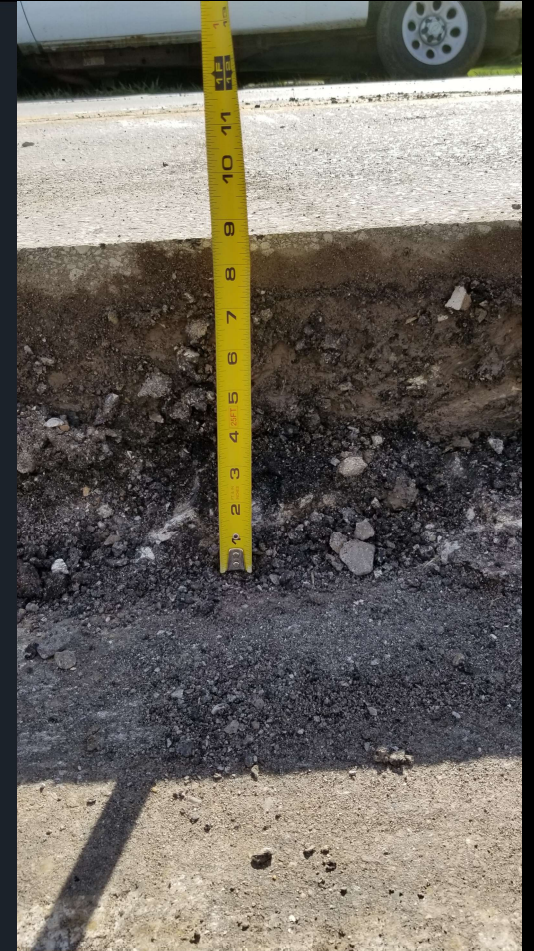
CID: 212457

Completed September 2022





- 6-8.5" Asphalt Pavement
 - On Top Of
- 8" of Concrete Pavement





Fine Milling



Crack Seal prior to
Fiber Chip Seal











- [US79 - 24 Hrs After Application.AVI](#)



**KYTC DEPARTMENT OF HIGHWAYS
 BID TAB AWARD SHEET FOR LETTING
 Date Run : 10/22/21 , 10:55:32 AM GMT-04:00**

Call: 335

Contid: 21-2457

County: LOGAN

District: 03

Date Let: 10-22-21

Contid: 21-2457 SYP:

Proposal Description: FD05 071 0079 009-011 Length: 0.85 Miles Time: 09/30/2022

PAVEMENT (WITH ALTERNATES) CLARKSVILLE ROAD (US 79)

Number of Bidders 4

1	02519	SCOTTY'S CONTRACTING AND STONE LLC	218,488.53
2	03109	STRAWSER CONSTRUCTION INC & SUBSIDIARIES	311,871.90
3	03794	AMERICAN PAVEMENTS INC	353,837.21
4	02980	CHARLES DEWEESE CONSTRUCTION INC	652,525.56

ENGINEERS ESTIMATE 157,654.19

LOW BIDDER is 38.59% from ENGINEERS ESTIMATE

Apparent Low Bidder Low > SCOTTY'S CONTRACTING AND STONE LLC

Prop Line	Item Description	Quantity	Unit	Bidder1	Bidder2	Bidder3	Bidder4	Bidder5	Bidder6
0010	MICRO SURFACING-LEVELING COURSE	4,727.000	SQYD		3.00	3.75			
0020	MICRO SURFACING-SURFACE COURSE - TYPE D	12,869.000	SQYD		6.10	5.50			
0030	LEVELING & WEDGING PG64-22	195.000	TON	82.60				200.00	
0040	CL3 ASPH SURF NO.4D PG64-22	442.000	TON	84.80				300.00	
0050	ASPHALT SEAL AGGREGATE - TYPE D	12,869.000	SQYD	3.05	3.05	2.97		15.00	
0060	ASPHALT MATERIAL FOR TACK NON-TRACKING	5.000	TON	570.57				1,500.00	
0070	DGA BASE	100.000	TON	40.85	48.00	50.00		60.00	
0080	TEMPORARY SIGNS	140.000	SQFT	6.00	21.00	18.00		10.00	
0090	MAINTAIN & CONTROL TRAFFIC	1.000	LS	19,676.75	40,000.00	85,000.00		35,000.00	
0100	MOBILIZATION FOR MILL & TEXT	1.000	LS	2,500.00	4,000.00	8,500.00		5,500.00	
0110	EDGE LINE RUMBLE STRIPS	8,152.000	LF	.80	1.00	.65		.78	
0120	PAVE STRIPING-TEMP PAINT-4 IN	9,100.000	LF	.30	.45	.30		.31	
0130	REMOVE PAVEMENT MARKER TYPE V	100.000	EACH	9.00	20.00	50.00		20.00	
0140	FINE MILLING	12,869.000	SQYD	.88	1.10	1.07		1.00	
0150	PAVE STRIPING-SPRAY THERMO-6 IN W	9,100.000	LF	1.30	1.60	1.30		1.36	
0160	PAVE STRIPING-SPRAY THERMO-6 IN Y	9,100.000	LF	1.30	1.60	1.30		1.36	
0170	FIBER REINFORCED BITUMINOUS MEMBRANE	12,869.000	SQYD	2.53	2.85	5.10		10.00	
0180	DEMOBILIZATION	1.000	LS	17,999.99	34,000.00	10,000.00		55,000.00	
Total Bid				218,488.53	311,871.90	353,837.21	652,525.56		

Finished Product 1 year later





QUESTIONS???

