


Click On District:

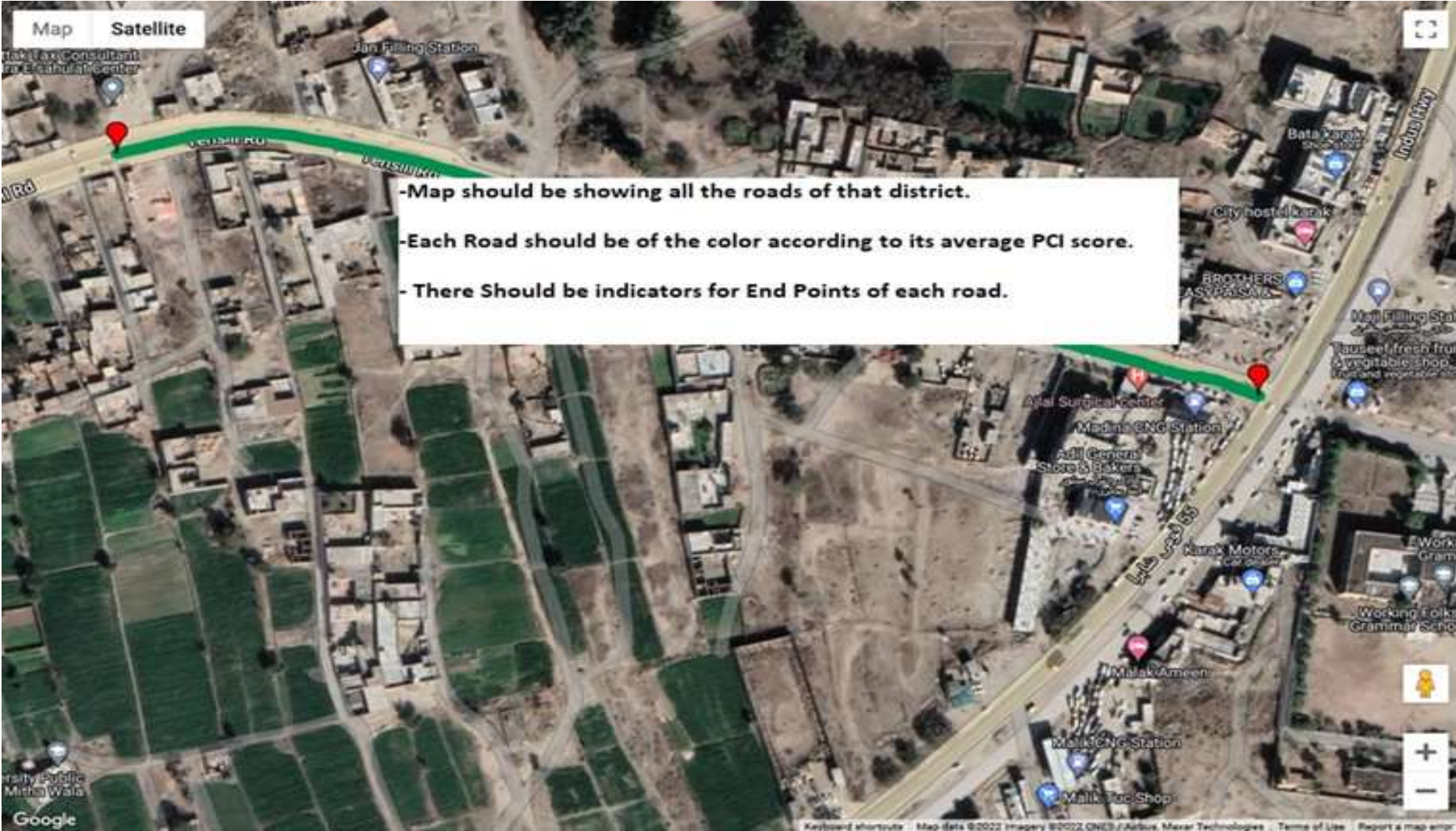


MUHAMMAD
IBRAHIM
ASSOCIATES
ENGINEERS • BUILDERS • DEVELOPERS

Asphalt Surfaced Roads Condition Survey

AIRLOOP

ASTM D6433 Rating Scale (ASTM 2007). -->>	GOOD (86-100)	SATISFACTORY (71-85)	FAIR (56-70)	POOR (41-55)	VERY POOR (26-40)	SERIOUS (11-25)	FAILED (0-10)
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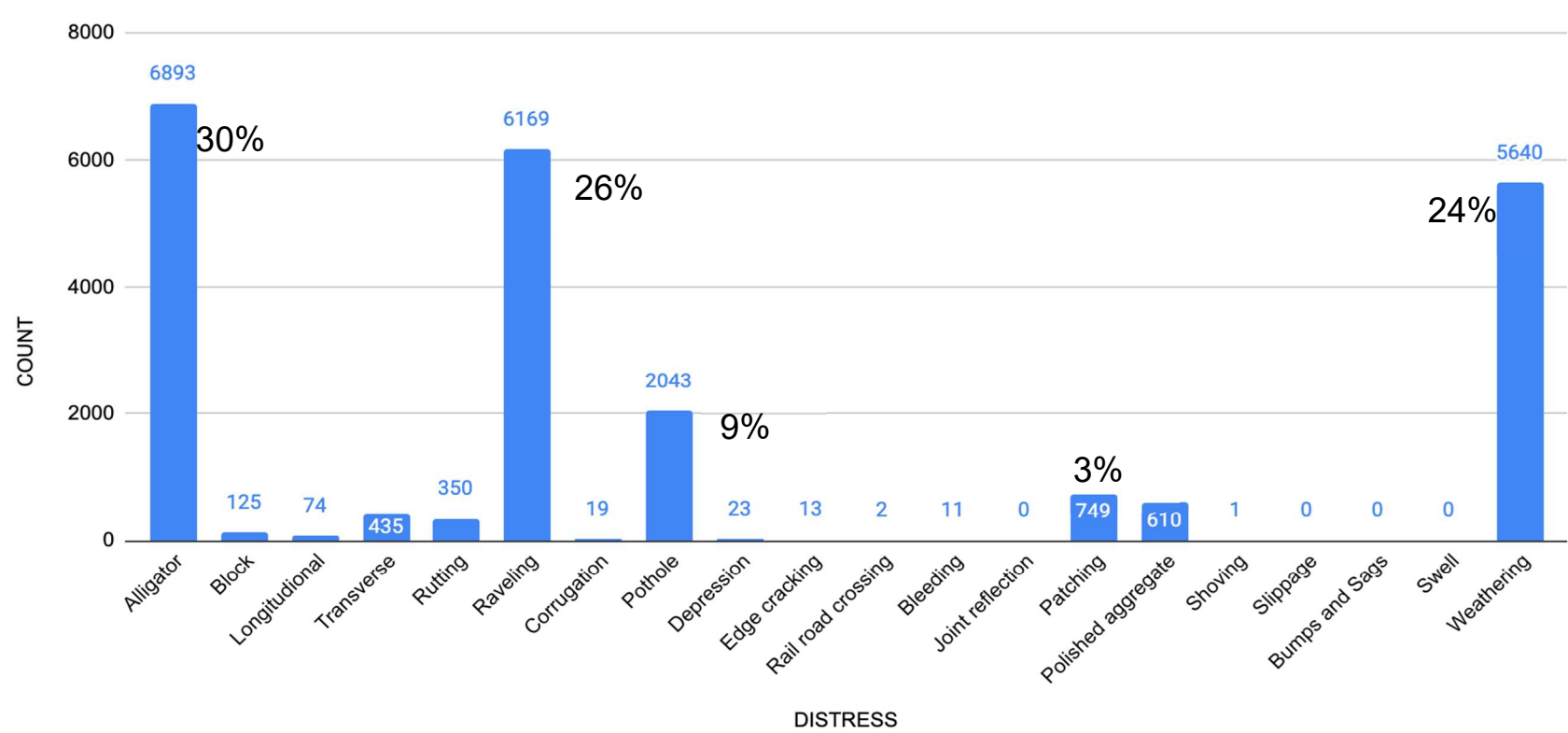
KARAK

S.No.	Road Name	Road Length (KM)	PCI Score
01	Surdag	2	95
02	Kohat Bannu Road to Bahader Khel Daraga Shahidan	1	58
03	Darish Khel to Shahidan via Ghole Banda Road	3	45



Categorization of roads condition as per ASTM standards

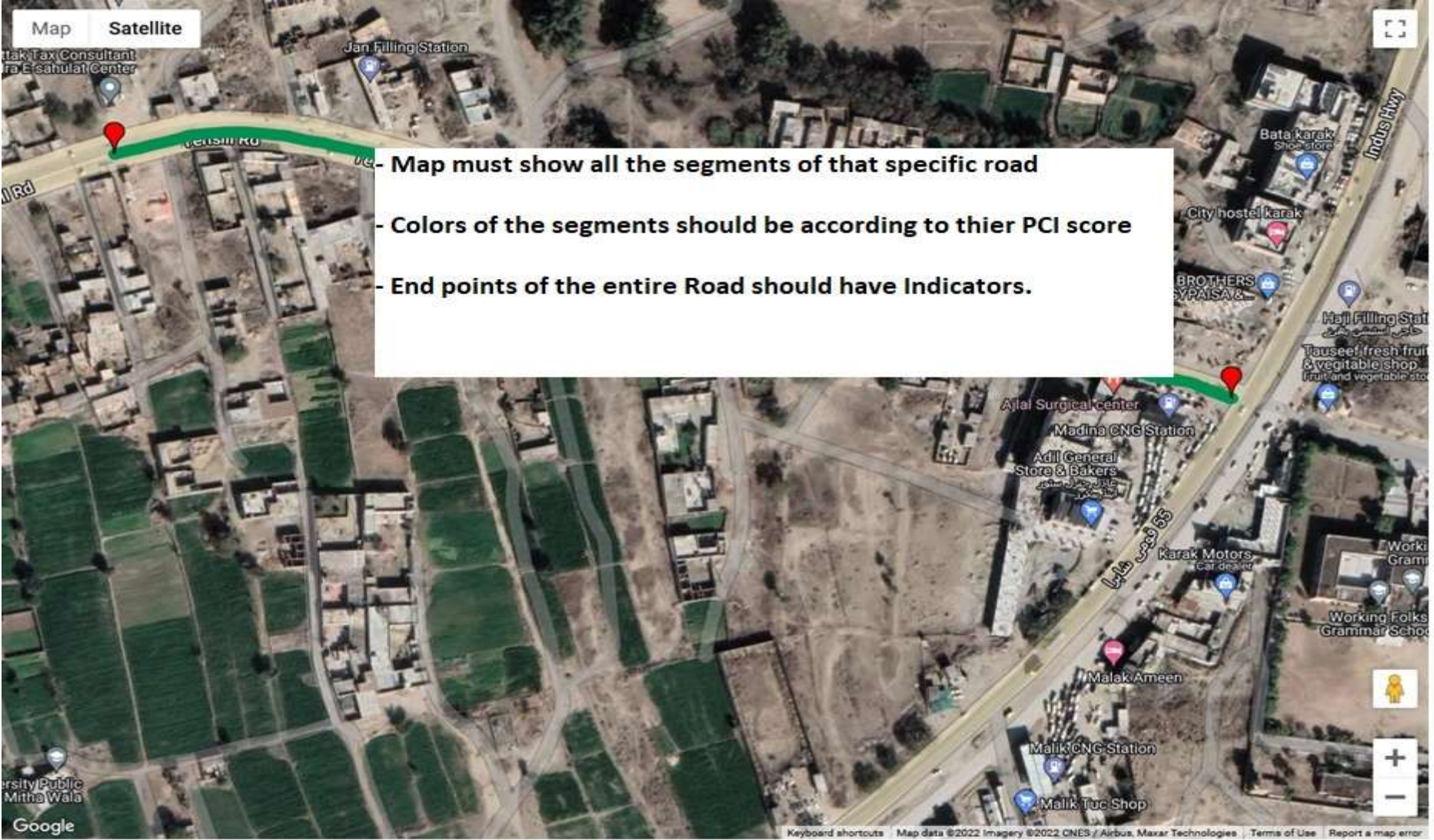
Condition	No of Roads	Total Length (KM)
GOOD	3	2
SATISFACTORY	4	3
FAIR	6	2
POOR	7	1
VERY POOR	2	2
SERIOUS	1	2
FAILED	3	2

Individual distress/crack count in (selected district e.g. swabi) district



Click On a Specific Road:

 <div>MUHAMMAD IBRAHIM ASSOCIATES <small>ENGINEERS • BUILDERS • DEVELOPERS</small></div>				Asphalt Surfaced Roads Condition Survey																		
Summary	Survey Date		2022-09-28		Length of Road (meters)		8,000.0		Coordinates		AVERAGE PCI	95	ASTM D6433 Rating Scale (ASTM 2007). – >>>	GOOD (86-100)	SATISFACTORY (71-85)	FAIR (56-70)	POOR (41-55)	VERY POOR (26-40)	SERIOUS (11-25)	FAILED (0-10)		
	Survey Time		11:02:51		Width of Road (meters)		6.7		Start												(starting lat/long of 1st segment)	
	Weather Conditions		COULDY		Total Density (Sq. m)		53600.0		End												(ending lat/long of last segment)	
District		KARAK		Road		SURDAG KARAK ROAD		Total Segments		20		Additional Notes										



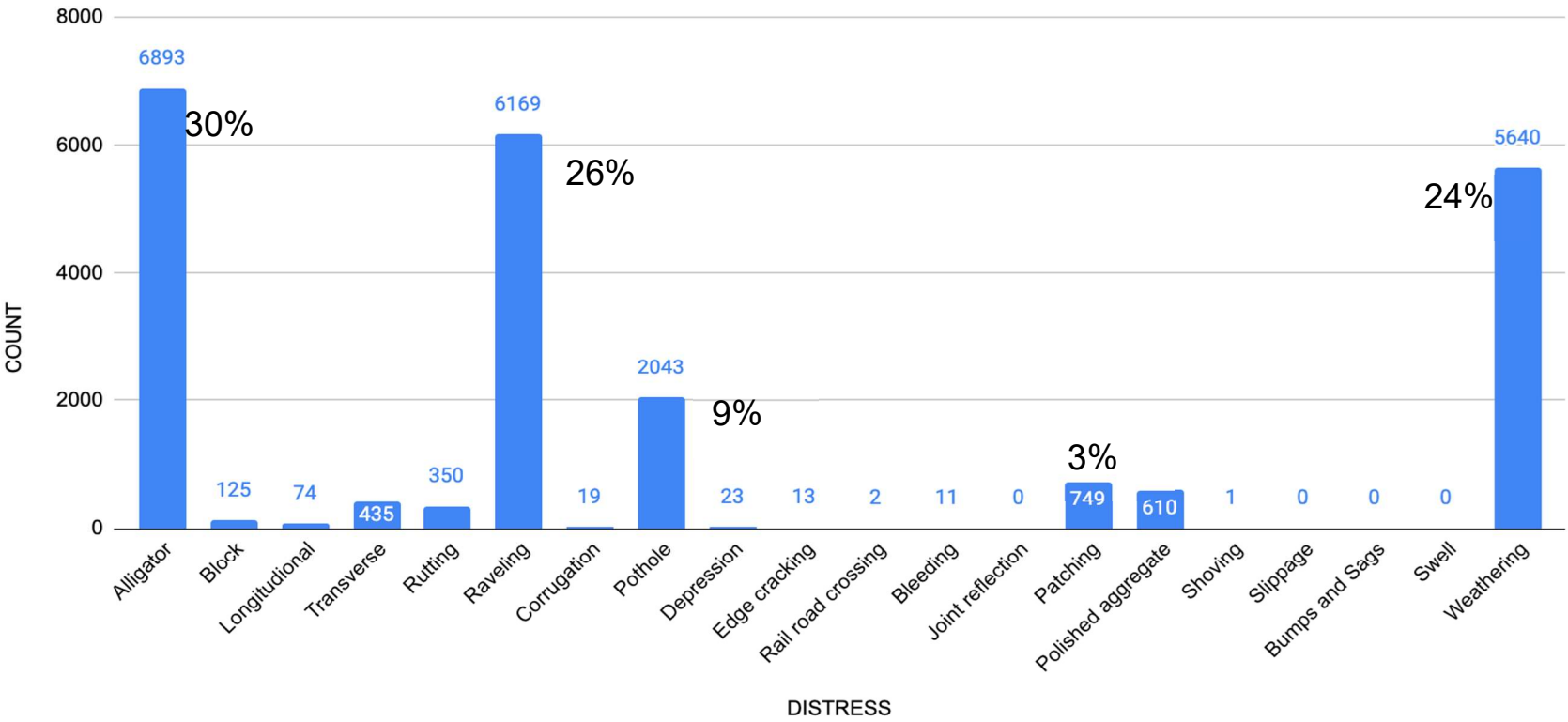
Kohat Bannu Road to Bahader Khel Daraga Shahidan

Segment ID	Segment Length (KM)	PCI Score	Latitude, Longitude	
			Start	End
01	3	95	33.128825,71.132012	33.128825,71.132012
02	2	58	33.128825,71.132012	33.128825,71.132012
03	12	45	33.128825,71.132012	33.128825,71.132012



Categorization of segments condition as per ASTM standards

Condition	No. of Segments	Total Length (KM)
GOOD	3	12
SATISFACTORY	4	3
FAIR	2	24
POOR	5	3
VERY POOR	6	5
SERIOUS	4	6
FAILED	3	7

Individual distress/crack count in (selected road e.g. Jamrud Warsak) Road



Click On a Specific Segment of a Road:

 <div>MUHAMMAD IBRAHIM ASSOCIATES <small>ENGINEERS • BUILDERS • DEVELOPERS</small></div>			Asphalt Surfaced Roads Condition Survey																			
Summary	Survey Date		2022-09-28		Length of Road (meters)		500.0		Coordinates				PCI	95	ASTM D6433 Rating Scale (ASTM 2007). – >>>	GOOD (86-100)	SATISFACTORY (71-85)	FAIR (56-70)	POOR (41-55)	VERY POOR (26-40)	SERIOUS (11-25)	FAILED (0-10)
	Survey Time		11:02:51		Width of Road (meters)		6.7		Start		71.142842,14.300000											
	Weather Conditions		COULDY		Total Density (Sq.m)		3350.0		End		71.137452,10.900000											
	District	KARAK	Road	SURDAG KARAK ROAD	Section ID	SEGMENT 1	Additional Notes															



	Density of Cracks																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
No.	Alligator (sq. meters)	Block (sq. meters)	Longitudinal (meters)	Transverse (meters)	Rutting (sq. meters)	Raveling (sq. meters)	Corrugation (sq. meters)	Pothole (Count)	Depression (sq. meters)	Edge Cracking (meters)	Rail Road Crossing (sq. meters)	Bleeding (sq. meters)	Joint Reflection Cracking (meters)	Patching (sq. meters)	Polished Aggregate (sq. meters)	Shoving (sq. meters)	Slippage Cracking (sq. meters)	Bumps & Sags (meters)	Swell (meters)	Weathering (sq. meters)
1	0	0	0	0	0	14.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	7.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	22.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	16.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.01	0	0	0	0	0
Total Density Percentage	0.0	0.0	0.0	0.0	0.0	1.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.0	0.0	0.0
Deduct Values	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total DV	9	Remarks by engineers after analysis of survey results																		
Corrected DV	5																			
PCI Score	95																			

