

Section: \_\_\_\_\_

**KEY**

Date: \_\_\_\_\_

Log Mile: \_\_\_\_\_ to \_\_\_\_\_

**FLEXIBLE PAVEMENT CONDITION**

Rated by: \_\_\_\_\_

Sta: \_\_\_\_\_ to \_\_\_\_\_

**RATING FORM**

DISTRESS	Distress Weight	SEVERITY*			EXTENT**			STR ***
		L	M	H	O	F	E	
RAVELING	10	Slight Loss of Sand	Open Texture	Rough or pitted	<20%	20-50%	>50%	
BLEEDING	5	not rated	Bit and Agg visible	Black Surface	<10%	10-30%	>30%	
PATCHING	5	<1 ft <sup>2</sup> .	<1 yd <sup>2</sup>	>1 yd <sup>2</sup>	<10/mile	10-20/mile	>20/mile	
POTHoles/DEBONDING	10	depth <1" area <1 yd <sup>2</sup>	<1", >1 yd <sup>2</sup> >1", <1 yd <sup>2</sup>	>1" and >1 yd <sup>2</sup>	<5/mile	5-10/mile	>10/mile	✓
CRACK SEALING DEFIC.	5	Not considered			<20%	20-50%	>50%	
RUTTING	10	<1/4"	1/4-1"	>1"	<20%	20-50%	>50%	✓
SETTLEMENTS	10	Noticeable effect on ride	Some Discomfort	Poor Ride	<2/mi	2-4/mi	>4/mi	
CORRUGATIONS	5	Noticeable effect on ride	Some Discomfort	Poor Ride	<10%	10-30%	>30%	
WHEEL TRACK CRACKING	15	Single/multiple cracks <1/4"	Multiple cracks >1/4"	Alligator >1/4" Spalling	<20%	20-50%	>50%	✓
BLOCK & TRANSVERSE CRACKING	10	<1/4" wide, no Spalling	1/4-1" along min .5 length	>1" along min .5 length	<20%	20-50%	>50%	✓
LONGITUDINAL JOINT CRACKING	5	Single, <1/4", no Spalling	single/multiple 1/4-1", some Spalling	Multiple, >1", Spalling	<20%	20-50%	>50%	
EDGE CRACKING	5	Tight, <1/4"	>1/4", some Spalling	>1/4", moderate Spalling	<20%	20-50%	>50%	
RANDOM CRACKING	5	<1/4"	1/4-1"	>1"	<20%	20-50%	>50%	✓

\*L = LOW  
M = MEDIUM  
H = HIGH

\*\*O = OCCASIONAL  
F = FREQUENT  
E = EXTENSIVE

\*\*\*STR = DISTRESS INCLUDED IN STRUCTURAL DEDUCT CALCULATIONS.

Section: \_\_\_\_\_

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# FLEXIBLE

Rated by: \_\_\_\_\_

Sta: \_\_\_\_\_ to \_\_\_\_\_

## PAVEMENT CONDITION RATING FORM

DISTRESS	DISTRESS WEIGHT	SEVERITY WT.*			EXTENT WT.**			DEDUCT POINTS***
		L	M	H	O	F	E	
RAVELING	10	0.3	0.6	1	0.5	0.8	1	
BLEEDING	5	0.8	0.8	1	0.6	0.9	1	
PATCHING	5	0.3	0.6	1	0.6	0.8	1	
POTHOLES/DEBONDING	10	0.4	0.7	1	0.5	0.8	1 ✓	
CRACK SEALING DEFICIENCY	5	1	1	1	0.5	0.8	1	
RUTTING	10	0.3	0.7	1	0.6	0.8	1 ✓	
SETTLEMENT	10	0.5	0.7	1	0.5	0.8	1	
CORRUGATIONS	5	0.4	0.8	1	0.5	0.8	1	
WHEEL TRACK CRACKING	15	0.4	0.7	1	0.5	0.7	1 ✓	
BLOCK AND TRANSVERSE CRACKING	10	0.4	0.7	1	0.5	0.7	1 ✓	
LONGITUDINAL JOINT CRACKING	5	0.4	0.7	1	0.5	0.7	1	
EDGE CRACKING	5	0.4	0.7	1	0.5	0.7	1	
RANDOM CRACKING	5	0.4	0.7	1	0.5	0.7	1 ✓	

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TOTAL DEDUCT =

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SUM OF STRUCTURAL DEDUCT (✓) =

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E = EXTENSIVE

**100 - TOTAL DEDUCT = PCR =**

\*\*\* DEDUCT POINTS = DISTRESS WEIGHT X SEVERITY WT. X EXTENT WT.

REMARKS:

Section: \_\_\_\_\_

# KEY

Date: \_\_\_\_\_

Log Mile: \_\_\_\_\_ to \_\_\_\_\_

## COMPOSITE PAVEMENT CONDITION

Rated by: \_\_\_\_\_

Sta: \_\_\_\_\_ to \_\_\_\_\_

### RATING FORM

DISTRESS	Distress Weight	SEVERITY*			EXTENT**			STR***
		L	M	H	O	F	E	
RAVELING	10	Slight Loss of Sand	Open Texture	Rough or Pitted	<20%	20-50%	>50%	
BLEEDING	5	not rated	Bitumen & Agg. Visible	Black Surface	<10%	10-30%	>30%	
PATCHING	5	<1 ft <sup>2</sup>	<1 yd <sup>2</sup>	>1 yd <sup>2</sup>	<10/mile	10-20/mile	>20/mile	
SURFACE DISINTEGRATION/ DEBONDING	5	depth <1" area <1 yd <sup>2</sup>	<1", >1 yd <sup>2</sup> >1", <1 yd <sup>2</sup>	>1" and >1 yd <sup>2</sup>	<5/mile	5-10/mile	>10/mile	
RUTTING	10	<1/4"	1/4-1"	>1"	<20%	20-50%	>50%	
CORRUGATIONS	5	Noticeable effect on ride	Some Discomfort	Poor Ride	<10%	10-30%	>30%	
PUMPING	10	Slight Staining		excessive staining, fault	<10%	10-25%	>25%	✓
SHATTERED SLAB	10	Little Spall, No Faults	Some Spall. Moderate Faults	Severe Distortion, Poor Ride	<2/mi	2-5/mi	>5/mi	✓
SETTLEMENTS	5	Noticeable effect on ride	Some Discomfort	Poor Ride	<2/mi	2-4/mi	>4/mi	
TRANSVERSE CRACKS, UNJOINTED BASE	20	<1/4", no spalling	1/4 - 1", >.5 spalled	>1", >.5 spalled	CS>15'	10'<CS<15'	CS<10'	✓
JOINT REFLECTION CRACKS, JOINTED BASE	12	<1/4", no spalling	1/4 - 1", >.5 spalled	>1", >.5 spalled	<20%	20-50%	>50%	✓
INTERMEDIATE TRANSVERSE CRACKS, JOINTED BASE	8	<1/4", no spalling	1/4 - 1", >.5 spalled	>1", >.5 spalled	CS>15'	10'<CS<15'	CS<10'	✓
Longitudinal Cracking	5	<1/4", no spalling	1/4 - 1", >.5 spalled	>1", >.5 spalled	<50' per 100'	50 -150' per 100'	>150' per 100'	✓
Pressure Damage/ Upheaval	5	bump <1/2", Good Ride	1/2-1", Fair Ride	>1", Poor Ride	<20%	20-50%	>50%	
Crack Sealing Deficiency	5	Not considered			<20%	20-50%	>50%	

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Section: \_\_\_\_\_

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Log mile: \_\_\_\_\_ to \_\_\_\_\_

# COMPOSITE

Rated by: \_\_\_\_\_

Sta: \_\_\_\_\_ to \_\_\_\_\_

## PAVEMENT CONDITION RATING FORM

DISTRESS	DISTRESS WEIGHT	SEVERITY WT.*			EXTENT WT.**			DEDUCT POINTS***
		L	M	H	O	F	E	
RAVELING	10	0.3	0.6	1	0.5	0.8	1	
BLEEDING	5	0.8	0.8	1	0.6	0.9	1	
PATCHING	5	0.3	0.6	1	0.6	0.8	1	
SURFACE DISINTEGRATION or DEBONDING	5	0.3	0.6	1	0.6	0.8	1	
RUTTING	10	0.3	0.7	1	0.6	0.8	1	
CORRUGATIONS	5	0.4	0.8	1	0.5	0.8	1	
PUMPING	10	0.7	0.7	1	0.3	0.7	1 ✓	
SHATTERED SLAB	10	0.6	0.8	1	0.7	0.9	1 ✓	
SETTLEMENTS	5	0.4	0.7	1	0.6	0.8	1	
TRANSVERSE CRACKS, UNJOINTED BASE	20	0.2	0.6	1	0.4	0.8	1 ✓	
JOINT REFLECTION CRACKS, JOINTED BASE	12	0.2	0.6	1	0.4	0.8	1 ✓	
INTERMEDIATE TRANSVERSE CRACKS, JOINTED BASE	8	0.2	0.6	1	0.4	0.8	1 ✓	
LONGITUDINAL CRACKING	5	0.2	0.6	1	0.4	0.8	1 ✓	
PRESSURE DAMAGE/UPHEAVAL	5	0.4	0.6	1	0.5	0.8	1	
CRACK SEALING DEFICIENCY	5	1	1	1	0.5	0.8	1	

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SUM OF STRUCTURAL DEDUCT (✓) =

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REMARKS:

Section: \_\_\_\_\_

## KEY

Date: \_\_\_\_\_

Log Mile: \_\_\_\_\_ to \_\_\_\_\_

## JOINTED CONCRETE PAVEMENT

Rated by: \_\_\_\_\_

Sta: \_\_\_\_\_ to \_\_\_\_\_

### CONDITION RATING FORM

DISTRESS	Distress Weight	SEVERITY WEIGHT*			EXTENT WEIGHT**			STR***
		L	M	H	O	F	E	
SURFACE DETERIORATION	10	Aggregate visible	Loss of fine aggregate	Surface rough or pitted	<20%	20-50%	>50%	
POPOUTS	5	Not considered			<20%	20-50%	>50%	
PATCHING	5	<1 ft <sup>2</sup> , no deterioration.	<1 ft <sup>2</sup> , deterioration.	>1 ft <sup>2</sup>	<10/mi	10-20/mi	>20/mi	✓
PUMPING	15	some staining, rater is certain of pumping		excessive staining	<10%	10-25%	>25%	✓
FAULTING (Joints & Cracks)	10	<1/4"	1/4-1/2"	>1/2"	<20%	20-50%	>50%	
SETTLEMENTS	5	Noticeable effect on Ride	Some discomfort	Poor Ride	2/mi.	2-4/mi.	>4/mi.	
TRANSVERSE JOINT SPALLING	15	<4" wide	4-9" wide	>9" wide	<25%	25-75%	75%	
JOINT SEALANT DAMAGE	5	Not considered			<20%	20-50%	50%	
PRESSURE DAMAGE	5	Not considered			<1/mi	1-3/mi	>3/mi	
TRANSVERSE CRACKING	10	Hairline	1/4-1"	>1 "	CS>15'	10<CS<15'	CS<10'	✓
LONGITUDINAL CRACKING	5	Hairline	1/4-1"	>1"	<5%	5-20%	>20%	✓
CORNER BREAKS	10	<1/4"	1/4-1 "	>1"	3/mi	4-10/mi.	>10 mi.	✓

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Section: \_\_\_\_\_

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# JOINTED CONCRETE

Rated by: \_\_\_\_\_

Sta: \_\_\_\_\_ to \_\_\_\_\_

## PAVEMENT CONDITION RATING FORM

DISTRESS	DISTRESS WEIGHT	SEVERITY WT.*			EXTENT WT.**			DEDUCT POINTS***
		L	M	H	O	F	E	
SURFACE DETERIORATION	10	0.4	0.7	1	0.6	0.8	1	
POPOUT	5	1	1	1	0.4	0.6	1	
PATCHING	5	0.4	0.7	1	0.5	0.8	1	
PUMPING	15	0.7	0.7	1	0.3	0.7	1 ✓	
FAULTING (JOINTS AND CRACKS)	10	0.4	0.7	1	0.5	0.8	1 ✓	
SETTLEMENTS	5	0.4	0.7	1	0.5	0.8	1	
TRANSVERSE JOINT SPALLING (CIRCLE IF D-CRACKED)	15	0.4	0.7	1	0.5	0.8	1	
JOINT SEALANT DAMAGE	5	1	1	1	0.5	0.8	1	
PRESSURE DAMAGE	5	1	1	1	0.5	0.8	1	
TRANSVERSE CRACKING	10	0.3	0.8	1	0.4	0.8	1 ✓	
LONGITUDINAL CRACKING	5	0.5	0.7	1	0.4	0.9	1	
CORNER BREAKS	10	0.4	0.8	1	0.5	0.8	1 ✓	

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REMARKS:

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Log Mile: \_\_\_\_\_ to \_\_\_\_\_

**CRC PAVEMENT CONDITION**

Rated by: \_\_\_\_\_

Sta: \_\_\_\_\_ to \_\_\_\_\_

**RATING FORM**

DISTRESS	DISTRESS WEIGHT	SEVERITY WEIGHT*			EXTENT WEIGHT**			STR***
		L	M	H	O	F	E	
SURFACE DETERIORATION	10	Aggregate visible	Loss of fine aggregate	Surface rough or pitted	<20%	20-50%	>50%	
POPOUTS	5	Not considered			<20%	20-50%	>50%	
PATCHING	5	<1 ft <sup>2</sup> , no deterioration	<1 ft <sup>2</sup> , deterioration	>1 ft <sup>2</sup>	<10/mi	10-20/mi	>20/mi	✓
PUMPING	15	some staining, rater is certain of pumping		excessive staining	<10%	10-25%	>25%	✓
SETTLEMENTS & WAVES	10	Noticeable effect on Ride	Some discomfort	Poor Ride	<2/mi. (<20%)	2-4/mi 20-50%	>4/mi (>50%)	✓
TRANSVERSE CRACK SPACING	10	CS 3-5'	CS <3'	CS <3' Many cracks intersect	<20%	20-50%	>50%	✓
LONGITUDINAL CRACKING	10	Hairline	>1/4" - 1"	>1"	<5%	5-15%	>15%	✓
PUNCHOUTS & EDGE BREAKS	15	Not rated	cracks <1/4" depress <1/2"	depress >1/2" Breaking up	<2/mi.	2-5/mi	>5/mi	✓
SPALLING	15	<1", few pieces missing	1 - 4" wide, most pieces missing	>4" wide, most pieces missing	<20%	20-50%	>50%	
PRESSURE DAMAGE	5	Not considered			<1/mi.	1 - 3/mi.	>3/mi.	

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# C R C

Rated by: \_\_\_\_\_

Sta: \_\_\_\_\_ to \_\_\_\_\_

## PAVEMENT CONDITION RATING FORM

DISTRESS	DISTRESS WEIGHT	SEVERITY WT.*			EXTENT WT.**			DEDUCT POINTS***
		L	M	H	O	F	E	
SURFACE DETERIORATION	10	0.4	0.7	1	0.5	0.8	1	
POPOUT	5	1	1	1	0.4	0.6	1	
PATCHING	5	0.4	0.7	1	0.5	0.8	1 ✓	
PUMPING	15	0.7	0.7	1	0.3	0.7	1 ✓	
SETTLEMENTS & WAVES	10	0.3	0.7	1	0.4	0.7	1 ✓	
TRANSVERSE CRACK SPACING	10	0.4	0.7	1	0.4	0.8	1 ✓	
LONGITUDINAL CRACKING	10	0.4	0.8	1	0.5	0.8	1 ✓	
PUNCHOUTS OR EDGE BREAKS	15	0	0.8	1	0.6	0.9	1 ✓	
SPALLING	15	0.3	0.6	1	0.5	0.8	1	
PRESSURE DAMAGE	5	1	1	1	0.7	0.9	1	

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