Maintenance Selection Manual for

Maintenance of Pavements with Chemically Stabilized Layers

Highway Pavements

The following manual was assembled by TTI as part of the "Maintenance of Pavements with Chemically Stabilized Layers" project. The purpose of this manual is to provide guidance on what maintenance strategy or technique to use for stabilized pavements in different conditions.

To use this manual, select the predominant distress case from the choices of 1 - Transverse Cracking, 2 - Longitudinal Cracking, 3 - Rutting, 4 - Alligator Cracking, 5 - Swell/Roughness, or 6 - Failures, then select the appropriate categories of extent, severity, traffic, etc. until the strategy or treatment is identified. The TxDOT PMIS manual was used for the description and severity of each distress (1). The PMIS description and pictures of each distress are included below. In each district, the following description of each element was used. For the purpose of this discussion, we will proceed across a block of the selection process and describe each element. When moving to a new line or block, only the new items will be discussed.

Except for the initial performance period, most pavements do not exhibit only a single type of distress. For example, rutting is often accompanied, or followed, by alligator cracking while transverse cracking is accompanied by longitudinal cracking. However, to have a simple, usable matrix the strategy selection process had to be based on a single dominant distress. If the pavement has substantial amounts of multiple distresses, the procedure should be analyzed for each one and the most corrective treatment chosen.

<u>Predominant Distress</u> - For this pavement, determine which distress is the primary reason for maintenance of this pavement. The procedure can be rerun with a different distress to assess the impact on the treatment assignment. Normally, the more comprehensive treatment would be selected. For example, if crack sealing was the result of one run, and seal coat was the result of using a different distress, seal coat would be selected.

Case 1, the predominant distress is Transverse Cracking

Transverse Cracking -"Transverse cracking consists of cracks or breaks which travel at
right angles to the pavement centerline (Figure 1). Joint cracks and
reflective cracks may also be rated as transverse cracking.
Transverse cracks are usually caused by differential movement
beneath the pavement surface. They may also be caused by surface
shrinkage due to extreme temperature variations." (TxDOT 1998)

What is the approximate spacing between transverse cracks?

| Crack Spacing - | > 40' | For a given pavement with only transverse cracking, assume that the crack spacing is $>40'$. One way to visualize this is 40' spacing is about one crack every centerline paint stripe. | |
|-----------------|---------|--|--|
| Crack Spacing - | 15'-40' | In this case, assume the crack spacing is generally about 30'. | |
| Crack Spacing - | < 15' | Assume that cracks are now spaced every 10' - 15'. | |



Figure 1. Example of Transverse Cracking (TxDOT 1998)

What is the typical severity of the cracks? Remember, small areas can be patched.

| <u>Severity</u> - | Mostly tight | These cracks are tight or hairline, about 1/16" to 1/8" wide. They are difficult to see unless after a rain or when stopped along the road and looking towards the sun. |
|-------------------|--------------------------|---|
| <u>Severity</u> - | Open, < ¹ /2" | These cracks are easy to see, even while driving. They are wider than the tight cracks described above, but are not spalled. These are easy to crack seal. |
| Severity - | > ½" or Deteriorated | These cracks are wide enough to be felt while driving and are easily visible. Small areas may be deteriorated, especially in the wheel paths. |
| Severity - | Cupped or Tented | These cracks are a difficult type of crack to repair. They are very rough and are usually caused by infiltration (tent) or pumping (cup) of the material. These cracks are somewhat rare in Texas, but if encountered can be difficult to address. |



Figure 2. Example of Cupped and Tented Cracks

What is the traffic level or importance of the road?

| Traffic Level - or Importance | Low | Think of a typical low-volume FM road that doesn't carry much traffic. |
|----------------------------------|--------|--|
| Traffic Level - or Importance | Medium | A US highway, state route, or a high-volume FM road are examples that can be used. |
| Traffic Level - or Importance | High | Typically, an interstate or high-volume US highway in the district is used as the example. |

Based on the categories discussed above and the purpose of the maintenance, what treatment strategy would be used?

| Strategy - | Action if Only Localized | What do you do if the transverse cracking is only in one small area of about 200' long? |
|-------------------|-------------------------------------|--|
| <u>Strategy</u> - | Short-term Repair 1 - 2 Years | What do you do if you are just trying to hold the pavement for a year or two until a major or more appropriate treatment can be scheduled? |
| Strategy - | Long-term Treatment 3+ Years | What is the appropriate long-term treatment for this road? |

Case 2, the predominant distress is Longitudinal Cracking

Longitudinal Cracking - "Longitudinal cracking consists of cracks or breaks which run approximately parallel to the pavement centerline. Edge cracks, joints or slab cracks, and reflective cracking on composite pavement (i.e., overlaid concrete pavement) may all be rated as longitudinal cracking. Differential movement beneath the surface is the primary cause of longitudinal cracking." (TxDOT 1998)



Figure 3. Examples of Longitudinal Cracking (TxDOT 1998)

What is the approximate number of longitudinal cracks?

| Crack Spacing - | > Lane Width | Assume that there is only one crack for both lanes. |
|-----------------|--------------|--|
| Crack Spacing - | 1 Per Lane | In this case, there is one crack in each lane. |
| Crack Spacing - | > 1 per Lane | For this case, there is more than one crack per lane. Usually this case has some faulting or dishing out of the outer crack in the outside lane. |

What is the typical severity of the cracks? Remember, small areas can be patched.

| <u>Severity</u> - | Mostly tight | These cracks are tight or hairline, about 1/16" to 1/8" wide. They are difficult to see unless after a rain or when stopped along the road and looking towards the sun. |
|-------------------|--------------------------|--|
| <u>Severity</u> - | Open, < ¹ /2" | These cracks are easy to see, even while driving. They are wider than the tight cracks described above, but are not spalled. These are easy to crack seal. |
| <u>Severity</u> - | > ½" or Deteriorated | These cracks are wide enough to be felt while driving and are easily visible. Small areas may be deteriorated and there may be faulting or spalling of the cracks. |

Traffic Level or Importance, and Strategy Selection are the same as for Transverse Cracking.

Case 3, the predominant distress is Rutting

<u>Rutting</u> - "A rut is a longitudinal surface depression in a wheelpath (Figure 4). Rutting in the rated lane may be observed in one or both wheelpaths. Rutting is caused by consolidation or lateral movement of the pavement materials due to traffic loads. Significant amounts of rutting indicate that one or more of the pavement layers is inadequate. Rutting is indicative of a structural problem and may lead to the onset of serious structural failures." (TxDOT 1998)

What is the extent of the rutting?

| <u># Lanes</u> - | 1 Wheelpath | Assume that the rutting is only in one wheelpath. |
|------------------|--------------------|---|
| <u># Lanes</u> - | Both Wheelpaths | What do you do if both wheelpaths are rutted? |

What is the typical depth of the rutting?

| <u>Severity</u> - | ¹ ⁄2" to 1" | The rutting is defined as shallow and may be difficult to see. |
|-------------------|------------------------|--|
| <u>Severity</u> - | > 1" | The rutting is deep, will hold considerable water, and is easy to see, even while driving. If the rut is greater than 2", use the criteria for failures. |

Traffic Level or Importance, and Strategy Selection are the same as for Transverse Cracking.



Figure 4. Examples of Rutting (TxDOT 1998)

Case 4, the predominant distress is Alligator Cracking

<u>Alligator Cracking</u> - "Alligator cracking consists of interconnecting cracks which form small, irregularly-shaped blocks which resemble the patterns found on an alligator's skin (Figure 5). Blocks formed by alligator cracks are less than 1 foot by 1 foot (0.3 meter by 0.3 meter). Larger blocks should be rated as block cracking. Alligator cracks are formed whenever the pavement surface is repeatedly flexed under traffic loads. As a result, alligator cracking may indicate improper design or weak structural layers. Alligator cracking may also be caused by heavily-loaded vehicles." (TxDOT 1998)

What is the extent of the alligator cracking?

<u>#Lanes</u> - I Wheelpath Assume that the alligator cracking is only in one wheelpath.

| <u> # Lanes</u> - | Both | |
|-------------------|------------|--|
| | Wheelpaths | What do you do if both wheelpaths have alligator |
| | | cracking? |

What is the severity of the alligator cracking?

| Severity - | Minor | Not too extensive, cracking not too severe. |
|-------------------|-------|---|
| <u>Severity</u> - | Major | Alligator cracking is extensive, nearly continuous throughout the section, and the cracking is severe, but not yet a failure. |

Traffic Level or Importance and Strategy Selection are the same as for Transverse Cracking.



Figure 5. Examples of Alligator Cracking (TxDOT 1998)

Case 5, the predominant distress is Swelling or general Roughness

<u>Swell/Roughness</u> - Swelling is the uplift of an area of pavement caused by soils that absorb large quantities of water or by a chemical reaction that causes expansion. Roughness is a general discomfort to the driver caused by irregularities in the pavement surface.

What is the severity of the roughness?

| <u>Severity</u> - | Some Roughness | The pavement is moderately rough with some discomfort to the driver. Probably receiving some complaints. |
|-------------------|-------------------|---|
| Severity - | Rough | The pavement causes discomfort and it is somewhat difficult to drive. |

Traffic Level or Importance, and Strategy Selection are the same as for Transverse Cracking.

Case 6, the predominant distress is Failures

Failures-"A failure is a localized section of pavement where the surface has been
severely eroded, badly cracked, or depressed (Figure 6). Failures are
important to rate because they identify specific structural deficiencies which
may pose safety hazards.
Severe alligator cracking should be rated as a failure if the base is exposed,
except that severe alligator cracking on a thin surface treatment pavement is
not a failure if the base layer is exposed but in good condition." (TxDOT
1998)

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What is the extent of the failures?

| Few or Many - | Few | Few failures, less than 10 per mile. |
|---------------|------|---------------------------------------|
| Few o Many - | Many | Many failures, more than 10 per mile. |

Traffic Level or Importance, and Strategy Selection are the same as for Transverse Cracking.





Figure 6. Examples of Failures (TxDOT 1998)

The following are the responses from each of the Districts and the name of the persons in that District who participated in completing the maintenance selection process. Typically, each District would copy only their responses and distribute them to their personnel.

| Predominan | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-----------|-----------------------|---------------|---------------------------|--------------------------|-------------------------------------|
| Distress | Spacing | Severity | or Importance | | 1-2 Years | 3+ Years |
| Fransverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| 3 | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Seal coat | Crack seal and seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Seal coat | Crack seal and rubberized seal coat |
| | | | High | Crack seal | Crack seal and seal coat | Crack seal and rubberized seal coat |
| | | | Low | Crack seal and strip seal | Seal coat | Rehabilitate |
| | | >1/2" or detenorated | Medium | Patch and crack seal | Crack seal and hot mix | Rehabilitate |
| | | | High | Patch and crack seal | Crack seal and hot mix | Rehabilitate |
| | | | Low | Crack seal | Monitor | Monitor |
| | | Cupped or Tented | Medium | Patch and crack seal | Joint repair | Joint repair |
| | | | High | Patch and crack seal | Joint repair | Joint repair |
| | 15' - 40' | | Low | Crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Seal coat |
| | | | Low | Crack seal | Seal coat | Seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Seal coat | Hot mix overlay |
| | | | High | Crack seal | Hot mix overlay | Rehabilitate |
| | | ······ | Low | Patch and crack seal | Seal coat | Rehabilitate |
| | | >1/2" or deteriorated | Medium | Patch and crack seal | Rehabilitate | Rehabilitate |
| | | | High | Patch and crack seal | Rehabilitate | Rehabilitate |
| | | | Low | Patch and crack seal | Monitor | Monitor |
| | | Cupped or Tented | Medium | Patch and crack seal | Joint repair | Joint repair |
| | | | High | Patch and crack seal | Joint repair | Rehabilitate |
| | <15' | | Low | Crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Hot mix overlay |
| | | | Low | Crack seal | Seal coat | Hot mix overlay |
| | | Open, < 1/2* | Medium | Crack seal | Hot mix overlay | Rehabilitate |
| | | | High | Crack seal | Rehabilitate | Rehabilitate |
| | | | Low | Patch and crack seal | Rehabilitate | Rehabilitate |
| | | >1/2" or deteriorated | Medium | Patch and crack seal | Rehabilitate | Reconstruction |
| | | | High | Patch and crack seal | Reconstruction | Reconstruction |
| | | | Low | Patch and crack seal | Joint repair | Joint repair |
| | | Cupped or Tented | Medium | Patch and crack seal | Rehabilitate | Rehabilitate |
| | | | High | Patch and crack seal | Rehabilitate | Rehabilitate |

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| Predominant | Crack Spacing | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|-----------------------|---------------|----------------------|--------------------------------|------------------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinat | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Plant mix seal or hot mix overlay |
| | | | Low | Crack seal | Crack seal | Seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal and rubberized seal coa |
| | | | High | Crack seal | Crack seal and hot mix overlay | Crack seal and hot mix overlay |
| | | | Low | Crack seal | Patch and crack seal | Patch and hot mix overlay |
| | | >1/2" or deteriorated | Medium | Patch and crack seal | Patch and hot mix overlay | Rehabilitate |
| | | | High | Patch and crack seal | Patch and hot mix overlay | Rehabilitate |
| 1 | 1 per lane | | Low | Crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seat coat | Seal coat |
| | | | Low | Crack seal | Seal coat | Seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Seal coat | Hot mix overtay |
| | | | High | Crack seal | Hot mix | Hot mix overlay |
| | | | Low | Crack seal | Rehabilitate | Rehabilitate |
| | | >1/2* or deteriorated | Medium | Patch and crack seal | Rehabilitate | Rehabilitate |
| | | | High | Patch and crack seal | Rehabilitate | Reconstruct |
| | >1 per lane | | Low | Seal coat | Seal coat | Seal coat |
| | | Mostly tight | Medium | Seal coat | Seal coat | Seal coat |
| | | | High | Seal coat | Seal coat | Hot mix overlay |
| | | | Low | Seal coat | Seal coat | Seal coat |
| | | Open, < 1/2* | Medium | Seal coat | Seal coat | Hot mix overlay |
| | | | High | Seal coat | Rehabilitate | Rehabilitate |
| | | >1/2* or deteriorated | Low | Reconstruct | Rehabilitate | Rehabilitate |
| | | | Medium | Reconstruct | Rehabilitate | Reconstruct |
| | | | High | Reconstruct | Reconstruct | Reconstruct |

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| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatmen |
|-----------|-------------|----------------------|---------------|---------|----------------|--------------------------|--------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | | Low | F | Filt rut | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Fill rut | Monitor | Fill rut |
| | | 0.5" to 1" (Shallow) | ۱ <u></u> | S | Monitor | Monitor | Fill rut |
| | | | High | F | Fill rut | Fill rut | Fill rut |
| | | | | S | Fill rut | Fill rut | Fill rut |
| | | | Low | F | Fill rut | Monitor | Fill rut |
| | | | | s | Monitor | Monitor | Fill rut |
| | | | Medium | F | Patch | Fill rut | Patch |
| | | > 1* (Deep) | | S | Fill rut | Fill rut | Patch |
| | | | High | F | Patch | Patch | Mill and hot mix overlay |
| | | | | S | Fill rut | Patch | Mill and hot mix overlay |
| | Both Wheelp | aths | Low | F | Fill rut | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Fill rut | Fill rut | Fill rut |
| | | 0.5" to 1" (Shallow) | | S | Monitor | Fill rut | Fill rut |
| | | | High | F | Fill rut | Patch | Patch |
| | | | | S | Fill rut | Patch | Patch |
| | | | Low | F | Fill rut | Fill rut | Fill rut |
| | | | | S | Monitor | Fill rut | Fill rut |
| | | | Medium | F | Patch | Patch | Mill and hot mix overlay |
| | | > 1" (Deep) | | s | Patch | Patch | Mill and hot mix overlay |
| | | | High | F | Patch | Mill and hot mix overlay | Mill and hot mix overlay |
| | | | - | s | Patch | Mill and hot mix overlay | Mill and hot mix overlay |

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| Predomina | Int | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatmen |
|-----------|------------|----------|---------------|----------------|-------------------|--------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpar | th | Low | Monitor | Crack seal | Patch |
| Cracking | | Minor | Medium | Patch | Patch | Patch |
| | | | High | Patch | Patch | Patch |
| | | | Low | Patch | Patch | Deep patch |
| | | Major | Medium | Patch | Patch | Deep patch |
| | | | High | Patch | Deep patch | Deep patch |
| | Both Whee | lpaths | Low | Monitor | Patch | Patch |
| | | Minor | Medium | Patch | Patch | Deep patch |
| | | | High | Deep patch | Deep patch | Deep patch |
| | | | Low | Patch | Patch | Deep patch |
| | | Major | Medium | Patch | Deep patch | Rehabilitate |
| | | | High | Deep patch | Rehabilitate | Rehabilitate |

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|---------------|----------------|--------------------------|--------------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor | Monitor | Hot mix overlay |
| Roughness | Some Roughness | Medium | Monitor | Hot mix overlay | Mill and hot mix overlay |
| | | High | Level up | Mill and hot mix overlay | Rehabilitate |
| | | Low | Monitor | Hot mix overlay | Hot mix overlay |
| | Rough | Medium | Level up | Mill and hot mix overlay | Rehabilitate |
| | | High | Level up | Rehabilitate | Rehabilitate |
| | | | | | |
| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Patch | Patch | Patch |
| | Few | Medium | Patch | Patch | Hot mix overlay |
| | | High | Patch | Mill and hot mix overlay | Rehabilitate |
| | | Low | Patch | Patch | Hot mix overlay |
| | Many | Medium | Patch | Mill and hot mix overlay | Rehabilitate |
| | | High | Patch | Rehabilitate | Rehabilitate |

David Seago

Amarillo

| Predominan | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-----------|-----------------------|---------------|----------------------------------|--|--|
| Distress | Spacing | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2* | Medium | Monitor and crack seal if nearby | Crack seal | Crack seal |
| | | | High | Monitor and crack seal if nearby | Crack seal | Crack seal |
| | | | Low | Monitor | Monitor | Monitor |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal or monitor | Crack seal or monitor | Crack seal or monitor |
| | | Cupped or Tented | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor or fog seal | Monitor or fog seal |
| | | | High | Monitor | Monitor or fog seal | Monitor or fog seal |
| | | | Low | Monitor and crack seal if nearby | Crack seal | Crack seal and seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor and crack seal if nearby | Crack seal | Crack seal and seal coat |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Plan major rehabilitation |
| | | | High | Crack seal | Crack seal | Plan major rehabilitation |
| | | | Low | Crack seal | Crack seal and patch bad areas | Crack seal and patch bad areas, plan seal coat |
| | | Cupped or Tented | Medium | Crack seal and monitor | Dig out and replace | Plan major rehabilitation |
| | | | High | Crack seal and monitor | Dig out and replace | Plan major rehabilitation |
| | <15' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor or fog seal | Monitor or fog seal |
| | | | High | Monitor | Monitor or fog seal | Monitor or tog seal |
| | | | Low | Monitor and crack seal if nearby | Crack seal | Crack seal and seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal_ | Crack seal | Crack seal |
| | | | Low | Blade patch | C ack seal | Overlay |
| | | >1/2* or deteriorated | Medium | Crack seal | Crack seal | Overlay |
| | | | High | Crack seal | Crack seal | Plan major rehabilitation |
| | | | | Blade patch | Crack seal, patch bad areas, and seal coat | Crack seal, patch bad areas, and seal coat |
| | | Cupped or Tented | Medium | Blade patch or crack seal | | Plan major rehabilitation or crack seal, patch bad are |
| | | | | Crack seal and monitor | Dig out and replace | Plan major rehabilitation |

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|--------------|---------------|-----------------------|---------------|---|--|---------------------------|
| Predominant | Crack Spacing | 9 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2" | Medium | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | | High | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | | Low | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Remove, restabilize, and replace | Crack seal | Crack seal |
| | | | High | Remove, restabilize, and replace | Crack seal and level up | Crack seal and level up |
| | 1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor and crack seal and blade patch worst areas if working nearby | Crack seal and blade patch worst areas | Seal coat |
| | | >1/2" or deteriorated | Medium | Crack seal and blade patch worst areas | Crack seal and blade patch worst areas | Overlay |
| | | | High | Crack seal and blade patch worst areas | Crack seal and blade patch worst areas | Overlay |
| | >1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Remove, restabilize, and replace | Crack seal | Seal coat |
| | | Open, < 1/2" | Medium | Remove, restabilize, and replace | Crack seat | Mill and overlay |
| | | | High | Remove, restabilize, and replace | Crack seal | Mill and overlay |
| | | >1/2" or deteriorated | Low | Remove, restabilize, and replace | Crack seal and blade patch worst areas | Plan major rehabilitatio |
| | | | Medium | Remove, restabilize, and replace | Crack seal and blade patch worst areas | Plan major rehabilitatio |
| | | | High | Remove, restabilize, and replace | Crack seal and blade patch worst areas | Plan major rehabilitation |

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| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|------------|----------------------|---------------|---------|----------------------------------|-------------------|-------------------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpat | th | Low | F | Monitor | Monitor | Monitor |
| | | | | S | Monitor or strip seal | Strip seal | Strip seal |
| | | | Medium | F | Remove, restabilize, and replace | Monitor | Monitor |
| | | 0.5" to 1" (Shallow) | | s | Blade patch or level up | Monitor | Overlay |
| | | | High | F | Remove, restabilize, and replace | Monitor | Monitor |
| | | | | s | Blade patch or level up | Monitor | Overlay |
| | | | Low | F | Remove, restabilize, and replace | Blade patch | Blade patch and plan rehabilitati |
| | | | | s | Remove, restabilize, and replace | Monitor | Microsurface |
| | | | Medium | F | Mill and level up | Mill and level up | Mill, level up, and plan rehabilita |
| | | > 1" (Deep) | | s | Mill and level up | Mill and level up | Mill, level up, and plan rehabilita |
| | | | High | F | Mill and level up | Mill and level up | Mill, level up, and plan rehabilita |
| | | | | s | Mill and level up | Mill and level up | Mill, level up, and plan rehabilita |
| | Both Whee | Both Wheelpaths | | F | Monitor | Monitor | Monitor |
| | | | | s | Monitor or strip seal | Strip seal | Strip seal |
| | | | Medium | F | Remove, restabilize, and replace | Monitor | Monitor |
| | | 0.5" to 1* (Shallow) | | s | Blade patch or level up | Monitor | Overlay |
| | | | High | F | Remove, restabilize, and replace | Monitor | Monitor |
| | | | - | S | Blade patch or level up | Monitor | Overlay |
| | | | Low | F | Remove, restabilize, and replace | Blade patch | Blade patch and plan rehabilitati |
| | | | | s | Remove, restabilize, and replace | Monitor | Microsurface |
| | | | Medium | F | Mill and level up | Mill and level up | Mill, level up, and plan rehabilita |
| | | > 1" (Deep) | | s | Mill and level up | Mill and level up | Mill, level up, and plan rehabilita |
| | | | High | F | Mill and level up | Mill and level up | Mill, level up, and plan rehabilita |
| | | | Ť | | Mill and level up | Mill and level up | Mill, level up, and plan rehabilita |

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|------------|-------------|----------|---------------|----------------------------------|---------------------------|---------------------------------|
| Predominar | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | # Lanes | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Monitor | Monitor | Monitor and plan rehabilitation |
| Cracking | | Minor | Medium | Monitor | Monitor | Monitor and plan rehabilitation |
| | | | High | Monitor | Monitor | Monitor and plan rehabilitation |
| | | | Low | Dig out and replace | Plan major rehabilitation | Plan major rehabilitation |
| | | Major | Medium | Dig out and replace | Plan major rehabilitation | Plan major rehabilitation |
| | | | High | Dig out and replace | Plan major rehabilitation | Plan major rehabilitation |
| | Both Wheelp | aths | Low | Monitor | Seal coat | Seal coat |
| | | Minor | Medium | Monitor | Plan major rehabilitation | Plan major rehabilitation |
| | | | High | Monitor | Plan major rehabilitation | Plan major rehabilitation |
| | | | Low | Remove, restabilize, and replace | Plan major rehabilitation | Plan major rehabilitation |
| | | Major | Medium | Remove, restabilize, and replace | Plan major rehabilitation | Plan major rehabilitation |
| | | | High | Remove, restabilize, and replace | Plan major rehabilitation | Plan major rehabilitation |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment | |
|--------------------------|-------------|---------------|----------------------------------|----------------------------------|---------------------|--|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years | |
| Swell/ | | Low | Monitor | Monitor | Monitor | |
| Roughness Some Roughness | | Medium | Maybe patch and overlay | Maybe level up | Overlay | |
| | | High | Maybe patch and overlay | Maybe level up | Overlay | |
| | | Low | Blade level | Monitor | Plan rehabilitation | |
| | Rough | Medium | Level up | Level up | Plan rehabilitation | |
| | | High | Level up | Level up | Plan rehabilitation | |
| | | | | | | |
| Predominan | 1 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment | |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years | |
| Failures | | Low | Dig out and replace | Remove, restabilize, and replace | Dig out and replace | |
| | Few | Medium | Dig out and replace | Remove, restabilize, and replace | Overlay | |
| | | High | Dig out and replace | Remove, restabilize, and replace | Overlay | |
| | | Low | Remove, restabilize, and replace | Plan rehabilitation | Plan rehabilitation | |
| | Many | Medium | Remove, restabilize, and replace | Plan rehabilitation | Plan rehabilitation | |
| | | High | Remove, restabilize, and replace | Plan rehabilitation | Plan rehabilitation | |

Ron Johnston

Atlanta

| Predominant | Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-----------|-----------------------|---------------|---|---|--|
| Distress | Spacing | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Fog seal | Fog seal |
| | | | High | Monitor | Fog seal | Fog seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor until density increases | Monitor until density increases | Monitor until density increases |
| | | Cupped or Tented | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Fog seal | Fog seal |
| | | | High | Monitor | Fog seal | Fog seal |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2" | Medium | Spot seal bad areas as needed and observe | Spot seal bad areas as needed and observe | Spot seal bad areas as needed and obs |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Spot seal or Monitor | Spot seal or Monitor | Level up and seal coat |
| | | Cupped or Tented | Medium | Crack seal and spot seal bad areas | Crack seal and spot seal bad areas | Level up and seal coat |
| | | | High | Mill and inlay | Mill and inlay | Crack seal and seal coat or thin overlay |
| | <15' | | Low | Monitor | Monitor | Monitor until cracks are wider |
| | | Mostly tight | Medium | Monitor | Monitor | Seal coat or spot seal wider ones |
| | | | High | Monitor | | Seal coat |
| | | | Low | Patch and spot seal | | Patch, crack seal, and seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal or spot seal | Crack seal or spot seal | Reconstruct |
| | | | Low | | | Reconstruct |
| | | >1/2* or deteriorated | Medium | | Patch and spot seal | Reconstruct |
| | | | High | Spot seal or base repair | - | Reconstruct |
| | | | Low | Monitor | | Crack seal, level up, and seal coat |
| | | Cupped or Tented | Medium | Spot seal | | Crack seal, level up, and seal coat |
| | | | High | | , | Crack seal, seal coat, and thick overlay |

Atlanta (Cont)

| Predominant | Crack Spacing | I | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|-----------------------|---------------|--------------------------|--------------------------|--|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Strip seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal and strip seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2* or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal and strip seal |
| | 1 per lane | | Low | Monitor | Monitor | Seal coat |
| | | Mostly tight | Medium | Monitor | Monitor | Seal coat |
| | | | High | Monitor | Monitor | Seal coat |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal and seal coat |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal or strip seal, and seal coat and over |
| | >1 per lane | | Low | Monitor or spot seal | Monitor | Seal coat |
| | | Mostly tight | Medium | Spot seal | Spot seal | Seal coat |
| | | | High | Spot seal | Seal coat | Seal coat |
| | | | Low | Crack seal or strip seal | Crack seal or strip seal | Crack seal or strip seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Reconstruct |
| | | | High | Crack seal | Crack seal | Reconstruct |
| | | >1/2" or deteriorated | Low | Crack seal or strip seal | Crack seal or strip seal | Crack seal or strip seal |
| | | | Medium | Crack seal | Crack seal | Reconstruct |
| | | | High | Crack seal | Crack seal | Reconstruct |

Atlanta (Cont)

| Predomina | int | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------------------|---------------|---------|----------------------|--|---|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | ı | Low | F | Blade patch | Level up | Level up and seal coat |
| | | | | S | Blade patch | Level up | Level up and seal coat |
| | | | Medium | F | Blade patch | Level up | Level up and seal coat |
| | | 0.5" to 1" (Shallow) | | S | Blade patch | Level up | Level up and seal coat |
| | | | High | F | Blade patch or inlay | Microsurface and plan rehabilitation or observe closely | Microsurface and plan rehabilitation or observ closely |
| | | | | S | Blade patch or inlay | Microsurface and plan rehabilitation or observe closely | Microsurface and plan rehabilitation or observ closely |
| | | | Low | F | Spot level up | Spot level up | Spot level and seal coat |
| | | | | s | Spot level up | Spot level up | Spot level and seal coat |
| | | | Medium | F | Spot level up | Spot level up | Reconstruct |
| | | > 1" (Deep) | | S | Spot level up | Spot level up | Strip seal if cracked and microsurface |
| | | | High | F | Spot inlay as needed | Spot inlay as needed | Reconstruct |
| | | | | S | Spot inlay as needed | Spot inlay as needed | Strip seal if cracked and microsurface |
| | Both | | Low | F | Blade patch | Level up | Level up and seal coat |
| | Wheelpaths | | | S | Blade patch | Level up | Level up and seal coat |
| | | | Medium | F | Blade patch | Level up | Level up and seal coat |
| | | 0.5" to 1* (Shallow) | | s | Blade patch | Level up | Level up and seal coat |
| | | | High | F | Blade patch or inlay | | Microsurface and plan rehabilitation or observ closely |
| | | | | s | Blade patch or inlay | Microsurface and plan rehabilitation or observe closely | Microsurface and plan rehabilitation or observ |
| | | | Low | F | Spot level up | Spot level up | Spot level and seal coat |
| | | | | s | Spot level up | Spot level up | Spot level and seal coat |
| | | | Medium | F | Spot levei up | Spot level up | Reconstruct |
| | | > 1* (Deep) | | S | Spot level up | Spot level up | Strip seal if cracked and microsurface |
| | | | High | F | Spot inlay as needed | Spot inlay as needed | Reconstruct |
| | | | | s | Spot inlay as needed | Spot inlay as needed | Strip seal if cracked and microsurface |

Action if Only Long-term Treatment Traffic Level Short-term Repair Predominant Distress Localized 1-2 Years 3+ Years or Importance # Lanes Severity Alligator 1 Wheelpath Low Spot seal Fog seal Fog seal Cracking Minor Medium Spot seal Fog seal Fog seal High Spot seal Fog seal Fog seal Spot or strip seal Spot or strip seal Low Spot seal Medium Spot seal Spot or strip seal Spot or strip seal Major High Spot seal Spot seal and base repair Spot seal and base repair Both Wheelpaths Low Spot seal Spot or strip seal Spot or strip seal Spot seal Spot or strip seal Spot or strip seal Minor Medium High Spot seal Spot or strip seal Spot or strip seal Plan rehabilitation Base repair and seal coat Low Spot seal Major Medium Spot seal Strip seal Strip seal High Spot seal Spot seal and base repair Reconstruct Predominant Traffic Level Action if Only Short-term Repair Long-term Treatment Distress Severity or importance Localized 1-2 Years 3+ Years Swell/ Low Monitor Monitor Blade patch and seal coat Roughness Some Roughness Medium Blade patch Blade patch and seal coat Blade patch High Blade patch Blade patch Blade patch and seal coat

Atlanta (Cont)

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-------------|---------------|------------------|-------------------|---------------------|
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| ailures | | Low | Spot base repair | Spot base repair | Spot base repair |
| | Few | Medium | Spot base repair | Spot base repair | Spot base repair |
| | | High | Spot base repair | Spot base repair | Spot base repair |
| | | Low | Spot base repair | Spot base repair | Reconstruct |
| | Many | Medium | Spot base repair | Spot base repair | Reconstruct |
| | | High | Spot base repair | Spot base repair | Reconstruct |

Spot level

Either spot level or mill and fill

Mill and fill to establish profile

Spot level

Either spot level or mill and fill

Mill and fill to establish profile and overlay

Gaylon Childress Eddie Coffee Tommy Ellison

Rough

Low

Medium

High

Spot level

Either spot level or mill and fill

Mill and fill to establish profile
Austin

| Predominant | Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-----------|-----------------------|---------------|-------------------------------|---------------------------------------|---|
| Distress | Spacing | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Crack seal |
| | | | High | Monitor | Crack seal | Crack seal |
| | | | Low | Monitor | Monitor | Crack seal |
| | | Open, < 1/2* | Medium | Monitor | Crack seal | Crack seal |
| | >40' | | High | Crack seal | Crack seal | Cold mix patch |
| | | | Low | Cold mix patch | Cold mix patch | Cold mix patch |
| | | >1/2" or deteriorated | Medium | Cold mix patch | Cold mix patch | Cold mix patch |
| | | | High | Cold mix patch | Cold mix patch | Saw out, patch, and call Forensic team |
| | | | Low | Cold mix patch and crack seal | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | | Cupped or Tented | Medium | Cold mix patch and crack seal | Hot mix patch | Hot mix patch |
| | | | High | Cold mix patch and crack seal | Hot mix patch | Saw out, patch, and call Forensic team |
| | | | Low | Crack seal | Crack seal | Cold mix patch |
| | | Mostly tight | Medium | Cold mix patch and crack seal | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | | | High | Crack seal | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | | | Low | Crack seal | Crack seal | Cold mix patch and crack seal |
| | | Open, < 1/2" | Medium | Crack sea! | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | 15' - 40' | | High | Crack seal | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | | | Low | Cold mix patch and crack seal | Cold mix patch and crack seal | Cold mix patch |
| | | >1/2" or deteriorated | Medium | Cold mix patch and crack seal | Cold mix patch and crack seal | Cold mix patch |
| | | | High | Cold mix patch and crack seal | Cold mix patch and call forensic team | Hot mix patch and maybe seal coat |
| | | | Low | Cold mix patch | Cold mix patch | Cold mix patch |
| | | Cupped or Tented | Medium | Cold mix patch | Cold mix patch | Cold mix patch and maybe call Forensic te |
| | | | High | Cold mix patch | Cold mix patch | Maybe seal coat |
| | | | Low | Crack seal | Crack seal | Seal coat |
| | | Mostly tight | Medium | Crack seal | Crack seal | Seal coat |
| | | | High | Crack seal | Cold mix patch | Cold mix patch and seal coat |
| | | | Low | Cold mix patch | Seal coat | Seal coat |
| | | Open, < 1/2" | Medium | Cold mix patch and seal coat | Seal coat | Seal coat or reconstruct |
| | <15' | | High | Localized reconstruction | Localized reconstruction | Reconstruct |
| | • | | Low | Localized reconstruction | Seal coat | Seal coat |
| | | >1/2" or deteriorated | Medium | Localized reconstruction | Seal coat | Seal coat or reconstruct |
| | | | High | Localized reconstruction | Reconstruct | Reconstruct |
| | • | | Low | Localized reconstruction | Seal coat | Seal coat |
| | | Cupped or Tented | Medium | Localized reconstruction | Seal coat | Cold mix patch and seal coat |
| | | | High | Localized reconstruction | Cold mix patch and seal coat | Cold mix patch and seal coat |

Austin (Cont)

| Predominan | t Crack Spacir | ng | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|----------------|-----------------------|---------------|-------------------------------|-------------------------------|--|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | | | Low | Monitor | Crack seal | Crack seal |
| Cracking | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | Hìgh | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor | Crack seal | Crack seat |
| | | Open, < 1/2* | Medium | Monitor | Crack seal | Crack seal |
| | >Lane Width | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2* or deteriorated | Medium | Crack seal | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | | | High | Crack seal | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Mostly tight | Medium | Monitor | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Monitor | Crack seal | Crack seal |
| | 1 per lane | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | | >1/2" or deteriorated | Medium | Cold mix patch and crack seal | Cold mix patch and crack seal | Cold mix patch and crack seal |
| | | | High | Cold mix patch and crack seal | Cold mix patch and crack seal | Strip seal |
| | | | Low | Crack seal | Cold mix patch and crack seal | Cold mix patch and seal coat |
| | | Mostly tight | Medium | Crack seal | Cold mix patch and crack seal | Cold mix patch and seal coat |
| | | | High | Cold mix patch and strip seal | Cold mix patch and strip seal | Cold mix patch and seal coat |
| | | | Low | Cold mix patch and strip seal | Cold mix patch and strip seal | Cold mix patch and seal coat |
| | | Open, < 1/2" | Medium | Cold mix patch and strip seal | Cold mix patch and strip seal | Cold mix patch and seal coat |
| | >1 per lane | | High | Cold mix patch and strip seal | Cold mix patch and seal coat | Cold mix patch and seal coat or reconstr |
| | | >1/2" or deteriorated | Low | Cold mix patch and strip seal | Cold mix patch and seal coat | Cold mix patch and seal coat |
| | | | 1 | • • | Level up and seal coat | Rehabilitation |
| | | 1 | | | Level up and seal coat | Rehabilitation |

Austin (Cont)

| Predomina | int | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|----------|----------------------|---------------|---------|-------------------|-------------------|------------------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelp | ath | Low | F | Fill rut | Fill rut | Fill rut |
| | | | | S | Monitor | Monitor | Cold mix patch |
| | | | Medium | F | Fill rut | Fill rut | Cold mix patch |
| | | 0.5" to 1" (Shallow) | | s | Monitor | Mill and fill rut | Cold mix patch |
| | | | High | F | Fill rut | Fill rut | Cold mix patch and full depth repa |
| | | | | S | Monitor | Mill and fill rut | Cold mix patch and full depth repa |
| | | | Low | F | Fill rut | Fill rut | Fill rut |
| | | | | s | Monitor | Fill rut | Cold mix patch |
| | | | Medium | F | Cold mix patch | Cold mix patch | Cold mix patch and full depth repa |
| | | > 1" (Deep) | | S | Fill rut | Mill and fill rut | Cold mix patch and full depth repa |
| | | | High | ۴ | Cold mix patch | Full depth repair | Full depth repair |
| | | | | S | Cold mix patch | Mill and fill rut | Full depth repair |
| | Both Whe | elpaths | Low | ۴ | Fill rut | Fill rut | Fill rut |
| | | | | S | Monitor | Monitor | Cold mix patch |
| | | | Medium | F | Fill rut | Fill rut | Cold mix patch |
| | | 0.5" to 1" (Shallow) | | S | Monitor | Mill and fill rut | Cold mix patch |
| | | | High | F | Full depth repair | Fill rut | Cold mix patch and full depth repa |
| | | | | s | Full depth repair | Mill and fill rut | Cold mix patch and full depth repa |
| | | | Low | F | Monitor | Fill rut | Fill rut |
| | | | | s | Fill rut | Fill rut | Cold mix patch |
| | | | Medium | F | Cold mix patch | Cold mix patch | Cold mix patch and full depth repa |
| | | > 1" (Deep) | | s | Cold mix patch | Mill and fill rut | Cold mix patch and full depth repa |
| | | | High | F | Full depth repair | Full depth repair | Full depth repair |
| | | | | s | Full depth repair | Mill and fill rut | Full depth repair |

Action if Only Predominant Traffic Level Short-term Repair Long-term Treatment Distress # Lanes Localized 1-2 Years 3+ Years Severity or Importance Alligator 1 Wheelpath Low Monitor Cold mix patch Cold mix patch and strip seal Cracking Minor Medium Crack seal Cold mix patch Cold mix patch and strip seal Cold mix patch and strip seal High Crack seal Cold mix patch Cold mix patch Cut out and repair Reconstruct Low Major Medium Cold mix patch Cut out and repair Reconstruct High Cold mix patch Cut out and repair Reconstruct Both Wheelpaths Crack seal Seal coat Low Cold mix patch Minor Crack seal Cold mix patch Medium Cold mix patch and seal coat High Crack seal Cold mix patch Reconstruct Cold mix patch Cold mix patch and strip seal Cold mix patch and seal coat Low Major Medium Cold mix patch Cold mix patch and seal coat Cold mix patch and seal coat or Reconstruct High Cold mix patch Cold mix patch and seal coat Reconstruct Predominant Traffic Level Action if Only Short-term Repair Long-term Treatment Distress Severity or Importance Localized 1-2 Years 3+ Years Swell/ Monitor Low Level up Level up Roughness Some Roughness Medium Monitor Level up Thin overlay High Level up Level up Thin overlay Low Monitor Level up Level up Medium Level up Rehabilitate Rough Level and thin overlay High Level up evel and thin overlay Rehabilitate Predominant Traffic Level Long-term Treatment Only Short-term Repair Distress Few or Many or Importance Localized 1-2 Years 3+ Years Failures Patch with cold mix or hot mix Resurface Low Monitor Few Medium Patch with cold mix or hot mix Patch with cold mix or hot mix Resurface High Patch with cold mix or hot mix Patch with cold mix or hot mix Resurface Patch with cold mix or hot mix Low Patch with cold mix or hot mix Resurface Many Medium Patch with cold mix or hot mix Resurface Resurface High Patch with cold mix or hot mix Resurface Resurface

Austin (Cont)

| Predominant | Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatme |
|-------------|-----------|-----------------------|---------------|-----------------------|-------------------------------------|-------------------------|
| Distress | Spacing | Severity | or Importance | | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor or seal coat |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor or seal coat |
| | | | High | Monitor | Crack seal or seal coat | Seal coat or overlay |
| | | | Low | Crack seal | Crack seal | Crack seal or seal co |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal or seal co |
| | | | High | Crack seal | Crack seal | Crack seal or seal co |
| | | | Low | Overlay or crack seal | Crack seal and overlay or seal coat | Seal coat |
| | | >1/2" or deteriorated | Medium | Overlay or crack seal | Crack seal and overlay or seal coat | Seal coat |
| | | | High | Overlay or crack seal | Crack seal and overlay or seal coat | Seal coat |
| | | | Low | Mill | Mill and overlay | Mill or mill and overla |
| | | Cupped or Tented | Medium | Mill | Mill and overlay | Mill or mill and overla |
| | | | High | Mill | Mill and overlay | Mill or mill and overla |
| | 15' - 40' | | Low | Seal coat or overlay | Seal coat | Seal coat or overlay |
| | | Mostly tight | Medium | Seal coat or overlay | Seal coat | Seal coat or overlay |
| | | | High | Seal coat or overlay | Seal coat | Seal coat or overlay |
| | | | Low | Overlay or crack seal | Seal coat | Seal coat or overlay |
| | | Open, < 1/2" | Medium | Overlay or crack seal | Seal coat | Seal coat or overlay |
| | | | High | Overlay or crack seal | Seal coat | Seal coat or overlay |
| | | | Low | Seal coat and overlay | Seal coat and overlay | Seal coat or overlay |
| | | >1/2" or deteriorated | Medium | Seal coat and overlay | Seal coat and overlay | Seal coat or overlay |
| | | | High | Seal coat and overlay | Seal coat and overlay | Seal coat or overlay |
| | | | Low | Mill | Mill and overlay | Mill and overlay |
| | | Cupped or Tented | Medium | Mill | Mill and overlay | Mill and overlay |
| | | | High | Mill | Mill and overlay | Mill and overlay |
| | <15' | | Low | Overlay or crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Overlay or crack seal | Seal coat | Seal coat |
| | | | High | Overlay or seal coat | Seal coat | Seal coat |
| | | | Low | Overlay or seal coat | Seal coat and overlay | Seal coat or overlay |
| | | Open, < 1/2* | Medium | Overlay | Seal coat and overlay | Seal coat or overlay |
| | | | High | Overlay | Seal coat and overlay | Seai coat or overlay |
| | | | Low | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | >1/2" or deteriorated | Medium | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | Higi | Overlay | Seal coal and overlay | Seal coat and overlay |
| | | | Low | Mill and overlay | Mill and overlay | Mill and overlay |
| | | Cupped or Tented | Medium | Mill and overlay | Mill and overlay | Mill and overlay |
| | | | High | Mill and overlay | Mill and overlay | Mill and overlay |

Beaumont (Cont)

| Predominant | Crack Spacing | ŧ. | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|-----------------------|---------------|-----------------------|-------------------------|-------------------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Crack seal or seal coat |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Crack seal or seal coat |
| | | | High | Monitor | Monitor | Crack seal or seal coat |
| | | | Low | Crack seal | Crack seal | Crack seat or seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal or seal coat |
| | | | High | Crack seal | Crack seal | Crack seal or seal coat |
| | | | Low | Crack seal | Crack seal or seal coat | Crack seal or seal coat and overlay |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal or seal coat | Crack seal or seal coat and overlag |
| | | | High | Crack seal | Crack seal or seal coat | Crack seal or seal coat and overlay |
| | 1 per lane | | Low | Crack seal | Crack seal or seal coat | Crack seal or seal coat |
| | | Mostly tight | Medium | Crack seal | Crack seal or seal coat | Crack seal or seal coat |
| | | | High | Crack seal | Crack seal or seal coat | Crack seal or seal coat |
| | | | Low | Crack seal | Crack seal or seal coat | Crack seal or seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal or seal coat | Crack seal or seal coat |
| | | | High | Crack seal | Crack seal or seal coat | Crack seal or seal coat |
| | | | Low | Seal coat and overlay | Seal coat or overlay | Crack seal or seal coat and overlay |
| | | >1/2" or deteriorated | Medium | Seal coat and overlay | Seal coat or overlay | Crack seal or seal coat and overlay |
| | | | High | Seal coat and overlay | Seal coat or overlay | Crack seal or seal coat and overlay |
| | >1 per lane | | Low | Crack seal | Crack seal or seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Crack seal or seal coat | Seal coat |
| | | | High | Crack seal | Crack seal or seal coat | Seat coat |
| | | | Low | Overlay | Seal coat or overlay | Seal coat or overlay |
| | | Open, < 1/2" | Medium | Overlay | Seal coat or overlay | Seal coat or overlay |
| | | | High | Overlay | Seal coat or overlay | Seal coat or overlay |
| | | >1/2" or deteriorated | Low | Overlay | Overlay | Seal coat and overlay |
| | | | Medium | Overlay | Overlay | Seal coat and overlay |
| | | | High | Overlay | Overlay | Seal coat and overlay |

Beaumont (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatme |
|-----------|-------------|----------------------|---------------|---------|------------------|-----------------------|-----------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | I | Low | F | Overlay | Overlay | Seal coat and overlay |
| | | | | S | Overlay | Overlay | Seal coat and overlay |
| | | | Medium | F | Overlay | Overlay | Seal coat and overlay |
| | | 0.5" to 1" (Shallow) | | S | Overlay | Overlay | Seal coat and overlay |
| | | | High | F | Overlay | Seat coat and overlay | Seal coat and overlay |
| | | | | S | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | Low | ۴ | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | | s | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | Medium | F | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | > 1" (Deep) | | s | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | High | F | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | | S | Overlay | Seal coat and overlay | Seal coat and overlay |
| | Both Wheelp | Both Wheelpaths | | F | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | | S | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | Medium | F | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | 0.5" to 1" (Shallow) | | S | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | High | F | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | | S | Overlay | Seal coat and overlay | Seal coat and overlay |
| | | | Low | F | Overlay | Overlay | Seal coat and overlay |
| | | | | s | Overlay | Overlay | Seal coat and overlay |
| | | | Medium | F | Overlay | Overlay | Seal coat and overlay |
| | | > 1" (Deep) | | s | Overlay | Overlay | Seal coat and overlay |
| | | | High | F | Mill and overlay | Overtay | Seal coat and overlay |
| | | | | s | Mill and overlay | Overlay | Seal coat and overlay |

Beaumont (Cont)

| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------|---------------|-----------------------|-----------------------|-----------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | 1 | Low | Seal coat | Seal coat | Seal coat |
| Cracking | | Minor | Medium | Seal coat | Seal coat | Seal coat |
| | | | High | Seal coat | Seal coat | Seal coat |
| | | | Low | Seal coat and overlay | Seal coat and overlay | Seal coat and overlay |
| | | Major | Medium | Seal coat and overlay | Seal coat and overlay | Seal coat and overlay |
| | | | High | Seal coat and overlay | Seal coat and overlay | Seal coat and overlay |
| | Both Wheelp | aths | Low | Seal coat | Seal coat | Seal coat |
| | | Minor | Medium | Seal coat | Seal coat | Seal coat |
| | | | High | Seal coat | Seal coat | Seal coat |
| | | | Low | Seal coat and overlay | Seal coat and overlay | Seal coat and overlay |
| | | Major | Medium | Seal coat and overlay | Seat coat and overlay | Seal coat and overlay |
| | | | High | Seal coat and overlay | Seal coat and overlay | Seal coat and overlay |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|---------------------------------|---------------|-------------------------------|-------------------------------|------------------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swetl/ | | Low | Monitor | Monitor or overlay | Seal coat |
| Roughness | Roughness Some Roughness Medium | | Monitor | Monitor or overlay | Seal coat |
| | | High | Monitor | Monitor or overlay | Seal coat |
| | | Low | Mill and overlay or seal coat | Mill and overlay or seal coat | Mill, seal coat, and overlay |
| | Rough | Medium | Mill and overlay or seal coat | Mill and overlay or seal coat | Mill, seal coat, and overlay |
| | | High | Mill and overlay or seal coat | Mill and overlay or seat coat | Mill, seal coat, and overlay |
| | | | | | |
| Predominan | t | Traffic Level | Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | Seal coat |
| Failures | | Low | Patch | Overlay | Seal coat and overlay |
| | Few | Medium | Patch | Overlay | Seal coat and overlay |
| | | High | Patch | Overlay | Seal coat and overlay |
| | | Low | Patch | Overlay | Reconstruct |
| | Many | Medium | Patch | Overtay | Reconstruct |
| | | High | Patch | Overlay | Reconstruct |

Susan Chu Jimmie Poplin Harry Rees Walter Pierson Anonymous

Brownwood

| Predominan | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-----------|-----------------------|---------------|----------------|--------------------------|-------------------------|
| Distress | Spacing | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Crack seal | Crack seal | Crack seal |
| Cracking | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Rout cracks and seal |
| | | | High | Crack seal | Crack seal | Rout cracks and seal |
| | | <u></u> | Low | Patch | Patch | Patch |
| | | >1/2" or deteriorated | Medium | Patch | Patch | Patch |
| | | | High | Patch | Patch | Patch |
| | | | Low | Patch | Patch | Patch |
| | | Cupped or Tented | Medium | Patch | Patch | Patch |
| | | | High | Patch | Patch | Patch |
| | 15' - 40' | | Low | Crack seal | Crack seal | Crack seal |
| | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Rout cracks and seal |
| | | | High | Crack seal | Crack seal | Rout cracks and seal |
| | | | Low | Patch | Patch | Patch |
| | | >1/2* or deteriorated | Medium | Patch | Patch | Patch |
| | | | High | Patch | Patch | Patch |
| | | | Low | Patch | Patch | Patch |
| | | Cupped or Tented | Medium | Patch | Patch | Patch |
| | | | High | Patch | Patch | Patch |
| | <15' | | Low | Seal coat | Seal coat | Seal coat |
| | | Mostly tight | Medium | Seal coat | Seal coat | Seal coat |
| | | | High | Seal coat | Seal coat | Seal coat |
| | | | Low | Crack seal | Seal coat | Seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal and seal coat | Crack seal and seal coa |
| | | | High | Crack seal | Crack seal and seal coat | Reconstruct |
| | | ···· | Low | Patcł | Patch and seal coat | R-construct |
| | | >1/2" or deteriorated | Medium | Patch | Reconstruct | Reconstruct |
| | | | High | Patch | Reconstruct | Reconstruct |
| | | <u></u> | Low | Patch | Reconstruct | Reconstruct |
| | | Cupped or Tented | Medium | Patch | Reconstruct | Reconstruct |
| | | | High | Patch | Reconstruct | Reconstruct |

Predominant Crack Spacing Traffic Level Action if Only Short-term Repair Long-term Treatment Distress (Across) Severity or importance Localized 1-2 Years 3+ Years Longitudinal >Lane Width Low Crack seal Crack seal Crack seal Cracking Mostly tight Crack seal Crack seal Medium Crack seat High Crack seal Crack seal Crack seal Low Crack seal Crack seal Crack seal and overlay Open, < 1/2* Rout cracks and overlay Medium Crack seal Crack seal Rout cracks and overlay High Crack seal Crack seal Patch Patch Patch and overlay Low >1/2* or deteriorated Medium Patch Patch Patch and overlay High Patch Patch Patch and overlay 1 per lane Low Crack seal Crack seal Crack seal Medium Mostly tight Crack seal Crack seal Crack seal High Crack seal Crack seal Crack seal Low Crack seat Crack seal Crack seal and overlay Open, < 1/2" Medium Crack seal Crack seal Rout cracks and overlay High Crack seal Crack seal Rout cracks and overlay Low Patch Patch Patch and overlay >1/2° or deteriorated Medium Patch Patch Patch and overlay High Patch Patch Patch and overlay >1 per lane Low Crack seal Seal coat Seal coat and overlay Mostly tight Medium Crack seal Seal coat Seal coat and overlay Crack seal High Seal coat Seal coat and overlay Crack seal Rout cracks and overlay Low Rout cracks and seal Open, < 1/2" Medium Crack seal Rout cracks and seal Rout cracks and overlay High Crack seal Rout cracks and seal Rout cracks and overlay >1/2" or deteriorated Patch Low Patch and seal coat Reconstruct Patch Medium Patch and seal coat Reconstruct High Patch Patch and seal coat Reconstruct

Brownwood (Cont)

Brownwood (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------------------|---------------|---------|----------------|-------------------|---------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Autting | 1 Wheelpath | ı | Low | F | Fill rut | Fill rut | Microsurface |
| | | | | s | Monitor | Fill rut | Microsurface |
| | | | Medium | F | Fill rut | Fill rut | Microsurface |
| | | 0.5" to 1" (Shallow) | | S | Monitor | Fill rut | Microsurface |
| | | | High | F | Fill rut | Fill rut | Microsurface |
| | | | | Ş | Fill rut | Fill rut | Microsurface |
| | | | Low | F | Fill rut | Fill rut | Reconstruct |
| | | | | s | Monitor | Fill n.t | Reconstruct |
| | | | Medium | F | Patch | Fill rut | Reconstruct |
| | | > 1" (Deep) | | S | Fill rut | Fill rut | Reconstruct |
| | | | High | F | Patch | Fill rut | Reconstruct |
| | | | | S | Fill rut | Fill rut | Reconstruct |
| | Both Wheelp | paths | Low | F | Fill rut | Microsurface | Overlay |
| | | | | s | Monitor | Microsurface | Overlay |
| | | | Medium | F | Fill rut | Microsurface | Overlay |
| | | 0.5" to 1" (Shallow) | | s | Monitor | Microsurface | Overlay |
| | | | High | F | Fill rut | Microsurface | Overlay |
| | | | - | s | Fill rut | Microsurface | Overlay |
| | | | Low | | Fill rut | Overlay | Reconstruct |
| | | | | s | Monitor | Overlay | Reconstruct |
| | | | Medium | F | Patch | Overlay | Reconstruct |
| | | > 1* (Deep) | | s | Patch | Overlay | Reconstruct |
| | | , | High | F | Patch | Overlay | Reconstruct |
| | | | - | | Patch | Overlay | Reconstruct |

Brownwood (Cont)

| | | | DIO | A 11 AA | 00u (t | -00 | u) | | | |
|---------------------------------------|----------------|--------------|-----------|--|-------------|-----------------|-------------------|----------|-------------------|-----|
| edominant | | | Traffic I | Level | Action if (| Dnly | Short-term Re | əpair | Long-term Treatm | ายก |
| stress i | t Lanes | Severity | or Impo | rtance | Localiz | ed | 1-2 Years | i | 3+ Years | |
| ligator 1 | Wheelpath | | Low | | Monitor | | Seal coat | | Patch and seal co | at |
| acking | | Minor | Med | lium | Patch | | Seal coat | | Patch and seal co | at |
| | | | High | 1 | Patch | | Seal coat | | Patch and seal co | at |
| | | | Low | | Patch | | Patch and seal | coat | Patch and overlay | |
| | | Major | Med | ium Patch | | | Patch and seal | coat | Patch and overlay | |
| _ | | | High | 1 | Patch | | Patch and seal | coat | Patch and overlay | |
| E | Both Wheelpath | IS | Low | | Monitor | | Patch and seal of | coat | Patch and overlay | |
| | | Minor | Med | lium | um Patch | | Patch and seal (| coat | Patch and overlay | |
| | | | High | 1 | Patch | | Patch and seal of | coat | Patch and overlay | |
| | | | Low | | Patch | | Patch and overla | ay | Reconstruct | |
| | | Major | Med | ium | Patch | | Patch and overla | ay | Reconstruct | |
| | | | High | <u>) </u> | Patch | | Patch and overla | ay | Reconstruct | |
| Predomin | ant | Traffic | : Level | Actie | on if Only | l sh | ort-term Repair | 1000 | -term Treatment | |
| Distress | Severity | | | | | lized 1-2 Years | | 3+ Years | | |
| Swell/ | | Low | | Monito | | Leve | | Level | | |
| Roughnes | ss Some Roue | ghness Mediu | m | Monito | | Leve | • | Level | | |
| | | High | | Level | | Leve | · | Level | | |
| | | Low | | Monito | | Leve | | Recor | | |
| | Rough | Mediu | m | Level | qu | Leve | | Recor | struct | 1 |
| | · · | High | | Level | up | Leve | I up | Recor | struct | ı |
| · · · · · · · · · · · · · · · · · · · | | | | | | | | | | |
| Predomin | ant | Traffic | Level | Only | | Shor | t-term Repair | Long | -term Treatment | |
| Distress | Few or Mar | ny or Imp | ortance | Localia | zed | 1-2 \ | /ears | | 3+ Years | |
| Failures | | Low | | Patch | | Patc | h | Patch | and overlay | |
| | Few | Mediu | m | Patch | | Patc | h | Patch | and overlay | |
| | | High | | Patch | | Patc | h | Patch | and overlay | |
| | | Low | | Patch | | Patc | h | Recon | struct | |
| | Many | Mediu | m | Patch | | Patc | h | Recon | struct | |
| | | High | | Patch | | Patc | h | Recon | struct | |

Bryan

| Predominant | Crack | | Traffic Level | Action if Only | Di yali Short-term Repair | Long-term Treatment |
|-------------|-----------|-----------------------|---------------|----------------------|---|---|
| Distress | Spacing | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Nothing | Crack Seal | Nothing |
| Cracking | | Mostly tight | Medium | Crack Seal | Crack Seal | Nothing |
| U U | | , | High | Crack Seal | Crack Seal | Nothing |
| | | | Low | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | Open, < 1/2" | Medium | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | • • | High | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | Low | Crack Seal | Patch bad areas, crack seal rest | Spot Reconstruct |
| | | >1/2" or | Medium | Crack Seal | Patch bad areas, crack seal rest | Spot Reconstruct |
| | | deteriorated | High | Crack Seal | Patch bad areas, crack seal rest | Spot Reconstruct |
| | | <u> </u> | Low | Minor level up | Minor level up and call District or Forensic Team | Minor level up and call District or Forensic Te |
| | | Cupped or | Medium | Minor level up | Minor level up and call District or Forensic Team | Minor level up and call District or Forensic Te |
| | | Tented | High | Minor level up | Minor level up and call District or Forensic Team | Minor level up and call District or Forensic Te |
| | 15' - 40' | | Low | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | Mostly tight | Medium | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | High | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | Low | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | Open, < 1/2" | Medium | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | High | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | >1/2" or deteriorated | Low | Patch and Crack Seal | Patch bad areas, crack seal rest | Spot Reconstruct |
| | | | Medium | Patch and Crack Seal | Patch bad areas, crack seal rest | Spot Reconstruct |
| | | | High | Patch and Crack Seal | Patch bad areas, crack seal rest | Spot Reconstruct |
| | | | Low | Patch | Minor level up and call District or Forensic Team | Minor level up and call District or Forensic Te |
| | | Cupped or | Medium | Patch | Minor level up and call District or Forensic Team | Minor level up and call District or Forensic Te |
| | | Tented | High | Patch | Minor level up and call District or Forensic Team | Minor level up and call District or Forensic Te |
| | <15' | 10155 | Low | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | Mostly tight | Medium | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | High | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | ····· | Low | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | Open, < 1/2" | Medium | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | High | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | Low | Base repair | Base repair | Reconstruct |
| | | >1/2" or | Medium | Base repair | Base repair | Reconstruct |
| | | deteriorated | High | Base repair | Base repair | Reconstruct |
| | | | Low | Patch | Patch | Reconstruct |
| | | Cupped or | Medium | Patch | Patch | Reconstruct |
| | | Tented | High | Patch | Patch | Reconstruct |

Bryan (Cont)

| Predominant | t Crack Spacing | 3 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|-----------------|-----------------------|---------------|----------------|-------------------|--|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Nothing | Crack Seal | Crack Seal |
| Cracking | | Mostly tight | Medium | Crack Seal | Crack Seal | Crack Seal |
| | | | High | Crack Seal | Crack Seal | Crack Seal |
| | | | Low | Crack Seal | Crack Seal | Crack Seal |
| | | Open, < 1/2* | Medium | Crack Seal | Crack Seal | Crack Seal |
| | | | High | Crack Seal | Crack Seal | Crack Seal |
| | | | Low | Crack Seal | Crack Seal | Spot Reconstruct |
| | | >1/2* or deteriorated | Medium | Crack Seal | Crack Seal | Spot Reconstruct |
| | | | High | Crack Seal | Crack Seal | Spot Reconstruct |
| | 1 per lane | | Low | Crack Seal | Crack Seal | Crack Seal |
| | | Mostly tight | Medium | Crack Seal | Crack Seal | Crack Seal |
| | | | High | Crack Seal | Crack Seal | Crack Seal |
| | | | Low | Crack Seaf | Crack Seal | Crack Seal |
| | | Open, < 1/2* | Medium | Crack Seal | Crack Seal | Crack Seal |
| | | | Hìgh | Crack Seal | Crack Seal | Crack Seal |
| | | | Low | Crack Seal | Crack Seal | Spot Reconstruct |
| | | >1/2" or deteriorated | Medium | Crack Seal | Crack Seal | Spot Reconstruct |
| | | | High | Crack Seal | Crack Seat | Spot Reconstruct |
| | >1 per lane | | Low | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | Mostly Tight | Medium | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | High | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | | Low | Crack Seal | Crack Seal | Crack seal, seal coat on normal schedule |
| | | Open, < 1/2* | Medium | Crack Seal | Crack Seal | Either Crack seal, seal coat or reconstruc |
| | | | High | Crack Seal | Crack Seal | Reconstruct |
| | | >1/2" or deteriorated | Low | Crack Seal | Crack Seal | Reconstruct |
| | | | Medium | Crack Seal | Crack Seal | Reconstruct |
| | | | High | Crack Seal | Crack Seal | Reconstruct |

Bryan (Cont)

| Predomina | int | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------------------|---------------|---------|----------------|-------------------|------------------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 3 | Low | F | Fill Rut | Level up | Level up and seal coat normal sche |
| | | | | S | Nothing | Level up | Level up and seal coat normal sche |
| | | | Medium | F | Fill Rut | Level up | Level up and seal coat normal sche |
| | | 0.5" to 1" (Shallow) | | s | Nothing | Level up | Level up and seal coat normal sche |
| | | | High | F | Fill Rut | Mill and replace | Mill and replace |
| | | | | s | Nothing | Mill and replace | Mill and replace |
| | | | Low | F | Fill Rut | Level up | Level up and seal coat normal sche |
| | | | | S | Nothing | Level up | Level up and seal coat normal sche |
| | | | Medium | F | Patch | Level up | Level up and seal coat normal sche |
| | | > 1" (Deep) | | S | Fill Rut | Level up | Level up and seal coat normal sche |
| | | | High | F | Patch | Mill and replace | Mill and replace |
| | | | | S | Fill Rut | Mill and replace | Mill and replace |
| | Both Wheelp | baths | Low | F | Fill Rut | Level up | Level up and seal coat normal sche |
| | | | | s | Nothing | Level up | Level up and seal coat normal sche |
| | | | Medium | F | Fill Rut | Level up | Level up and seal coat normal sche |
| | | 0.5" to 1" (Shallow) | | S | Nothing | Level up | Level up and seal coat normal sche |
| | | | High | F | Fill Rut | Mill and replace | Mill and replace |
| | | | | S | Fill Rut | Mill and replace | Mill and replace |
| | | | Low | F | Fill Rut | Level up | Level up and seal coat normal sche |
| | | | | s | Nothing | Level up | Level up and seal coat normal sche |
| | | | Medium | F | Patch | Mill and replace | Mill and replace |
| | | > 1* (Deep) | | s | Patch | Mill and replace | Level up and seal coat normal sche |
| | | | High | F | Patch | Mill and replace | Mill and replace |
| | | | | s | Patch | Mill and replace | Mill and replace |

Bryan (Cont)

| | | | | Jun (Court) | | |
|-----------|-------------|----------|---------------|------------------|-----------------------|-----------------------|
| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | 1 | Low | Spot seal | Spot seal | Spot seal |
| Cracking | | Minor | Medium | Spot seal | Spot seal | Spot seal |
| | | | High | Spot seal | Spot seal | Spot seal |
| | | | Low | Spot reconstruct | Spot reconstruct | Spot reconstruct |
| | | Major | Medium | Spot reconstruct | Spot reconstruct | Spot reconstruct |
| | | | High | Spot reconstruct | Spot reconstruct | Spot reconstruct |
| | Both Wheelp | aths | Low | Spot seal | Full lane seal coat | Full lane seal coat |
| | | Minor | Medium | Spot seal | Full lane seal coat | Full lane seal coat |
| | | | High | Spot seal | Full lane seal coat | Full lane seal coat |
| | | | Low | Spot reconstruct | Spot reconstruct lane | Spot reconstruct lane |
| | | Major | Medium | Spot reconstruct | Spot reconstruct lane | Spot reconstruct lane |
| | | | High | Spot reconstruct | Spot reconstruct lane | Spot reconstruct lane |

| Predominar | nt | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|----------------|---------------|----------------|-------------------|---------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Nothing | Nothing | Nothing |
| Roughness | Some Roughness | Medium | Nothing | Nothing | Nothing |
| | | High | Spot level up | Spot level up | Spot level up |
| | | Low | Level up | Level up | Level up |
| | Rough | Medium | Level up | Level up | Level up |
| | | Hìgh | Spot level up | Mill and replace | Mill and replace |
| | | | | | |
| Predominan | nt | Traffic Level | Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Spot repair | Spot repair | Spot repair |
| | Few | Medium | Spot repair | Spot repair | Spot repair |
| | | High | Spot repair | Spot repair | Spot repair |
| | | Low | Reconstruct | Reconstruct | Reconstruct |
| | Many | Medium | Reconstruct | Reconstruct | Reconstruct |
| | | High | Reconstruct | Reconstruct | Reconstruct |

Darlene Goehl

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Childress

| Predominant | Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-----------|--------------|---------------|---|---|--|
| Distress | Spacing | severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2" | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | >1/2* or | Low | Patch bad areas | Patch bad areas | Patch bad areas |
| | | deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | Cupped or | Low | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic T |
| | | Tented | Medium | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic T |
| | | | High | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic T |
| - | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | >1/2" or | Low | Crack seal | Crack seal | Crack seat |
| | | deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | Cupped or | Low | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic T |
| | | Tented | Medium | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic T |
| | | | High | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic T |
| - | <15' | | Low | Blade patch | Blade patch | Blade patch |
| | | Mostly tight | Medium | Blade patch | Blade patch | Blade patch |
| | | | High | Seal coat | Seal coat | Seal coat |
| | | | Low | Seal coat or strip seal | Seal coat or strip seal | Seal coat or strip seal |
| | | Open, < 1/2" | Medium | Blade patch | Blade patch | Blade patch |
| | | | High | Patch bad areas | Patch bad areas | Patch bad areas |
| | - | >1/2" or | Low | Blade patch | Blade patch | Blade patch |
| | | deteriorated | Medium | Mill and biade patch | Mill and blade patch | Mill and blade patch |
| | | | High | Mill and blade patch | Mill and blade patch | Reconstruct |
| | - | Cupped or | Low | | Minor patching and call District or Forensic Team | Minor patching and call District or Forensic T |
| | | Tented | | · • | Minor patching and call District or Forensic Team | |
| | | | | · • | Minor patching and call District or Forensic Team | |

Childress (Cont)

| Predominant | Crack Spacing | 3 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|---------------|-----------------------|---------------|----------------|-------------------|--------------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| ongitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Crack seal |
| | | | Low | Strip seal | Strip seal | Strip seal |
| | | Open, < 1/2" | Medium | Strip seal | Strip seal | Strip seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Strip seal | Strip seal | Strip seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | 1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Crack seal |
| | | | Low | Strip seat | Strip seal | Strip seal |
| | | Open, < 1/2" | Medium | Strip seal | Strip seal | Strip seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Blade patch | Blade patch | Blade patch |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | >1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Seal coat | Seal coat | Seal coat |
| | | | Low | Strip seal | Strip seal | Strip seal |
| | | Open, < 1/2" | Medium | Strip seal | Strip seal | Seal coat |
| | | | High | Seal coat | Seal coat | Crack seal and seal coat later |
| | | >1/2" or deteriorated | Low | Blade patch | Blade patch | Blade patch |
| | | | Medium | Blade patch | Blade patch | Reconstruct |
| | | | High | Blade patch | Reconstruct | Reconstruct |

Childress (Cont)

| Predominar | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatme |
|------------|-------------|----------------------|---------------|---------|---------------------------|---------------------------|-----------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 1 | Low | F | Monitor | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Monitor | Monitor | Monitor |
| | | 0.5" to 1" (Shallow) | | S | Monitor | Monitor | Monitor |
| | | | High | F | Blade patch | Microsurface | Overlay |
| | | | | S | Biade patch | Microsurface | Overlay |
| | | | Low | F | Monitor | Monitor | Rework surface and b |
| | | | | S | Blade patch | Blade patch | Rework surface and b |
| | | | Medium | F | Blade patch | Blade patch | Blade patch |
| | | > 1* (Deep) | | S | Blade patch | Blade patch | Blade patch |
| | | | High | F | Blade patch | Blade patch | Blade patch |
| | | | | S | Blade patch | Blade patch | Blade patch |
| | Both Wheelp | paths | Low | F | Monitor | Monitor | Monitor |
| | | | | s | Monitor | Monitor | Monitor |
| | | | Medium | F | Monitor | Monitor | Monitor |
| | | 0.5" to 1" (Shallow) | | s | Monitor | Monitor | Monitor |
| | | | High | F | Blade patch | Microsurface | Overlay |
| | | | | s | Blade patch | Microsurface | Overlay |
| | | | Low | F | Blade patch or strip seal | Blade patch or strip seal | Rework surface and ba |
| | | | | s | Monitor | Monitor | Rework surface and ba |
| | | | Medium | F | Blade patch | Blade patch | Blade patch |
| | | > 1* (Deep) | | s | Blade patch | Blade patch | Blade patch |
| | | | High | F | Blade patch | Mill and overlay | Mill and overlay |
| | | | - | s | Blade patch | Mill and overlay | Mill and overlay |

| | | | Child | ress (Con | t) | |
|-----------|-----------|----------|---------------|----------------|-------------------|--------------------------------|
| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpa | ıth | Low | Monitor | Monitor | Strip seal |
| Cracking | | Minor | Medium | Monitor | Monitor | Strip seal |
| | | | High | Monitor | Monitor | Strip seal |
| | | | Low | Strip seal | Strip seal | Blade patch |
| | | Major | Medium | Strip seal | Strip seal | Blade patch |
| | | | High | Blade patch | Blade patch | Mill surface and base, replace |
| | Both Whee | elpaths | Low | Strip seal | Strip seal | Strip seal |
| | | Minor | Medium | Strip seal | Strip seal | Blade patch |
| | | | High | Blade patch | Blade patch | Blade patch |
| | | | Low | Seal coat | Seal coat | Rework surface and base |
| | | Major | Medium | Blade patch | Blade patch | Rework surface and base |
| | | | High | Blade patch | Blade patch | Reconstruct |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|------------------|---|--|---|--|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor | Monitor | Monitor |
| Roughness | Some Roughness | Medium | Monitor | Monitor | Monitor |
| | | High | Mill | Mill | Mill |
| | | Low | Monitor | Monitor | Monitor |
| | Rough | Medium | Monitor | Monitor | Monitor |
| | | | | | |
| | | High | Mili | Mill | Mill (no replace) |
| | | High | Mill | Mill | Mill (no replace) |
| Predominant | | High Traffic Level | Mill Action if Only | Mill Short-term Repair | 1 |
| Predominant | t Few or Many | | 1 | 1 | 1 |
| | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | | Traffic Level or Importance | Action if Only Localized | Short-term Repair 1-2 Years | Long-term Treatment 3+ Years |
| Distress | Few or Many | Traffic Level or Importance Low | Action if Only Localized Blade patch | Short-term Repair 1-2 Years Blade patch | Long-term Treatment 3+ Years Blade patch |
| Distress | Few or Many | Traffic Level or Importance Low Medium | Action if Only Localized Blade patch Blade patch | Short-term Repair 1-2 Years Blade patch Blade patch | Long-term Treatment 3+ Years Blade patch Overlay |
| Distress | Few or Many | Traffic Level or Importance Low Medium High | Action if Only Localized Blade patch Blade patch Blade patch | Short-term Repair 1-2 Years Blade patch Blade patch Blade patch | Long-term Treatment 3+ Years Blade patch Overlay Overlay |

Corpus Christi

| | | | | Corpus Christi | | |
|------------|-----------|-----------------------|---------------|--------------------------------------|---------------------------------|------------------------------|
| Predominan | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Spacing | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitar | Monitor | Monitor |
| | | Open, < 1/2" | Medium | Monitor | Crack seal | Crack seal |
| | | | High | Monitor | Crack seal | Crack seal |
| | | | Low | Patch and crack seal | Patch and crack seal | Patch and crack seal |
| | | >1/2" or deteriorated | Medium | Patch, crack seal, and level up | Patch, crack seal, and level up | Patch, crack seal, and level |
| 15' - | | | High | Patch, crack seal, and level up | Patch, crack seal, and level up | Patch, crack seal, and level |
| | | | Low | Blade level tops of cracks and patch | Call District Office | Call District Office |
| | | Cupped or Tented | Medium | Mill, crack seal, and blade level | Call District Office | Call District Office |
| | | | High | Mill, crack seal, and blade level | Call District Office | Call District Office |
| | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Patch and crack seal | Patch and crack seal | Patch and crack seal |
| | | | High | Patch and crack seal | Patch and crack seal | Patch and crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | >1/2* or deteriorated | Medium | Patch, crack seal, and level up | Patch and crack seal | Patch and crack seal |
| | | | High | Patch, crack seal, and level up | Patch and crack seal | Patch and crack seal |
| | | | Low | Blade level tops of cracks and patch | Call District Office | Call District Office |
| | | Cupped or Tented | Medium | Mill, crack seal, and blade level | Call District Office | Call District Office |
| | | | High | Mill, crack seal, and blade level | Call District Office | Call District Office |
| | <15' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | ····· | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Patch and crack seal | Patch and crack seal | Patch and crack seal |
| | | | High | Patch and crack seal | Patch and crack seal | Patch and crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Patch, crack seal, and level up | Patch and crack seal | Patch and crack seal |
| | | | High | Patch, crack seal, and level up | Patch and crack seal | Patch and crack seal |
| | | | Low | Blade level tops of cracks and patch | Call District Office | Call District Office |
| | | Cupped or Tented | Medium | Mill, crack seal, and blade level | Call District Office | Call District Office |
| | | | High | Mill, crack seal, and blade level | Call District Office | Call District Office |

Corpus Christi (Cont)

| Predominant | Crack Spacing | I | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|-----------------------|---------------|----------------------------|---------------------------|------------------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Fog seal or monitor | Fog seal or monitor |
| Cracking | | Mostly tight | Medium | Monitor | Fog seal or monitor | Fog seal or monitor |
| | | | High | Monitor | Fog seal or monitor | Fog seal or monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2* | Medium | Monitor | Monitor or crack seal | Crack seal |
| | | | High | Monitor | Crack seal | Crack seal |
| | | | Low | Monitor | Monitor | Monitor |
| | | >1/2" or deteriorated | Medium | Monitor | Crack seal | Crack seal |
| | | | High | Monitor | Crack seal | Crack seal |
| | 1 per lane | | Low | Monitor | Fog seal or monitor | Seal coat |
| | | Mostly tight | Medium | Monitor | Fog seat or monitor | Seal coat (rural) or overlay (urba |
| | | | High | Monitor | Fog seal or monitor | Seal coat (rural) or overlay (urba |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Monitor | Crack seal and strip seal | Crack seal and strip seal |
| | | | High | Monitor | Crack seal and strip seal | Crack seal and strip seal |
| | | | Low | Monitor | Call District Office | Call District Office |
| | | >1/2" or deteriorated | Medium | Monitor | Call District Office | Call District Office |
| | | | High | Monitor | Call District Office | Call District Office |
| | >1 per lane | | Low | Monitor | Fog seal or monitor | Seal coat |
| | | Mostly tight | Medium | Monitor | Fog seal or monitor | Seal coat (rural) or overlay (urba |
| | | | High | Monitor | Fog seal or monitor | Seal coat (rural) or overlay (urba |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Low | Crack seal and blade patch | Call District Office | Call District Office |
| | | | 1 | Crack seal and blade patch | Call District Office | Call District Office |
| | | | High | Crack seal and blade patch | Call District Office | Call District Office |

Corpus Christi (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|----------------------|----------------------|---------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 1 | Low | F | Monitor | Fill ruts and or strip seal | Fill ruts and or strip seal |
| | | | | s | Monitor | Fill ruts and or strip seal | Fill ruts and or strip seal |
| | | Medium | F | Blade level or hot mix level up | Blade level or hot mix level up | Blade level or hot mix level up | |
| | 0.5" to 1" (Shallow) | | S | Blade level or hot mix level up | Blade level or hot mix level up | Blade level or hot mix level up | |
| | | | High | F | Blade level or hot mix level up | Blade level or hot mix level up | Blade level or hot mix level up |
| | | | | s | Blade level or hot mix level up | Blade level or hot mix level up | Blade level or hot mix level up |
| | | | Low | ٦ | Blade level or hot mix level up | Fill ruts and or strip seal | Fill ruts and level up |
| | | | | S | Blade patch | Fill ruts and or strip seal | Fill ruts and level up |
| | | | Medium | F | Mill and replace | Call District Office | Call District Office |
| | | > 1" (Deep) | | S | Mill and replace | Call District Office | Call District Office |
| | | | High | F | Mill and replace | Call District Office | Call District Office |
| | | | | s | Mill and replace | Call District Office | Call District Office |
| | Both Wheelp | aths | Low | F | Monitor | Fill ruts and or strip seal | Fill ruts and or strip seal |
| | | | | S | Monitor | Fill ruts and or strip seal | Fill ruts and or strip seal |
| | | | Medium | F | Blade level or hot mix level up | Blade level or hot mix level up | Blade level or hot mix level up |
| | | 0.5" to 1" (Shallow) | | s | Blade level or hot mix level up | Blade level or hot mix level up | Blade level or hot mix level up |
| | | | High | F | Blade level or hot mix level up | Blade level or hot mix level up | Blade level or hot mix level up |
| | | | - | s | Blade level or hot mix level up | Blade level or hot mix level up | Blade level or hot mix level up |
| | | | Low | F | Blade level or hot mix level up | Fill ruts and or strip seal | Fill ruts and level up |
| | | | | s | Blade patch | Fill ruts and or strip seal | Fill ruts and level up |
| | | | Medium | F | Mill and replace | Call District Office | Call District Office |
| | | > 1" (Deep) | | s | Mill and replace | Call District Office | Call District Office |
| | | | High | F | Mill and replace | Call District Office | Call District Office |
| | | | - | | Mill and replace | Call District Office | Call District Office |

Corpus Christi (Cont)

| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------|---------------|---|------------------------------------|------------------------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Monitor | Monitor | Monitor |
| Cracking | | Minor | Medium | Monitor | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | | | High | Monitor | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | | | Low | Monitor | Monitor | Monitor |
| | | Major | Medium | Full depth base repair and level up or hot mix patch. | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | | | High | Full depth base repair and level up or hot mix patch | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | Both Wheelp | aths | Low | Monitor | Monitor | Monitor |
| | | Minor | Medium | Monitor | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | | | High | Monitor | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | | | Low | Monitor | Monitor | Level up |
| | | Major | Medium | Full depth base repair and level up or hot mix patch | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | | | High | Full depth base repair and level up or hot mix patch | Plan rehabilitation or restoration | Plan rehabilitation or restoration |

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-----------|---------------|----------------|-------------------|---------------------|
| Distress S | leverity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | | Monitor | Blade level up | Blade level up |
| Roughness | Roughness | Medium | Monitor | Mill and level up | Mill and level up |
| | | High | Monitor | Mill and level up | Mill and level up |
| | | Low | Monitor | Blade level up | Blade level up |
| B | lough | Medium | Monitor | Mill and level up | Mill and level up |
| | | High | Monitor | Mill and level up | Mill and level up |

| Predominar | nt | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-------------|---------------|--|--|--|
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Full depth base repair and level up or hot mix patch | Full depth base repair and level up or hot mix patch | Full depth base repair and level up or hot mix patch |
| | Few | Medium | Full depth base repair and level up or hot mix patch | Full depth base repair and level up or hot mix patch | Full depth base repair and level up or hot mix patch |
| | | High | Full depth base repair and level up or hot mix patch | Full depth base repair and level up or hot mix patch | Full depth base repair and level up or hot mix patch |
| | | Low | Full depth base repair and level up or hot mix patch | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | Many | Medium | Full depth base repair and level up or hot mix patch | Plan rehabilitation or restoration | Plan rehabilitation or restoration |
| | | High | Full depth base repair and level up or hot mix patch | Plan rehabilitation or restoration | Plan rehabilitation or restoration |

| Predominan | t Crack | | Traffic Level | Dallas Action if Only | Short-term Repair | Long-term Treatment |
|------------|-----------|--------------------------|---------------|--------------------------|--------------------------------|-------------------------------|
| Distress | | Severity | or Importance | | 1-2 Years | 3+ Years |
| Transverse | | | Low | Crack seal | Seal coat | Seal coat |
| Cracking | 240 | Mostly tight | Medium | Crack seal | Either crack seal or seal coat | Either crack seal or seal coa |
| oracking | | wostry tight | | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | 0 | Low | | | |
| | | Open, < 1/2 [⊮] | Medium | Crack seal | Crack seal and plant mix seal | Crack seal and plant mix se |
| | | | High | Patch and crack seal | Crack seal and plant mix seal | Crack seal and plant mix se |
| | | | Low | Blade patch | Reconstruct | Reconstruct |
| | | >1/2" or deteriorated | Medium | Mill and overlay | Mill and overlay | Mill and overlay |
| | | | High | Mill and overlay | Mill and overlay | Mill and overlay |
| | | | Low | Level up | Level up | Level up |
| | | Cupped or Tented | Medium | Mill and inlay | Mill and inlay | Mill and inlay |
| | | | High | Mill and inlay | Mill and inlay | Mill and inlay |
| | 15' - 40' | | Low | Crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seat | Either crack seal or seal coat | Either crack seal or seal coa |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Ореп, < 1/2" | Medium | Crack seal | Crack seal and plant mix seal | Crack seal and plant mix se |
| | | | High | Crack seal | Crack seal and plant mix seal | Crack seal and plant mix se |
| | | | Low | Blade patch | Reconstruct | Reconstruct |
| | | >1/2" or deteriorated | Medium | Mill and overlay | Mill and overlay | Mill and overlay |
| | | | High | Mill and overlay | Mill and overlay | Mill and overlay |
| | | | Low | Level up | Level up | Level up |
| | | Cupped or Tented | Medium | Mill and inlay | Mill and inlay | Mill and inlay |
| | | | High | Mill and inlay | Mill and inlay | Mill and inlay |
| | <15' | | | Crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Either crack seal or seal coat | Either crack seal or seal coa |
| | | , , , | High | Crack seal | Crack seal | Crack seal |
| | - | | ~ | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2* | | Crack seal | Crack seal and plant mix seal | Crack seal and plant mix se |
| | | open, 1.02 | | Crack seal | Crack seal and plant mix seal | Crack seal and plant mix se |
| | - | | | Blade patch | Reconstruct | Reconstruct |
| | | >1/2" or deteriorated | | Mill and overlay | Mill and overlay | Mill and overlay |
| | | SHE OF GENERALEU | | • | , | |
| | - | | | Mill and overlay | Mill and overlay | Mill and overlay |
| | | 0 | | Level up | Level up | Level up |
| | | Cupped or Tented | | Mill and inlay | Mill and inlay | Mill and inlay |
| | | | High | Mill and inlay | Mill and inlay | Mill and inlay |

Dallas (Cont)

| | Crack Spacing | , | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|----------|---------------|-------------------|---------------|--------------------------------------|--------------------------------------|---|
| Distress | (Across) | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| | >Lane Width | | Low | Observe and wait for normal seal | Observe and wait for normal seal | Observe and wait for normal seal coat cycle |
| Cracking | | Mostly tight | Medium | Observe and wait for normal seal | Observe and wait for normal seal | Observe and wait for normal seal coat cycle |
| | | | High | Observe and wait for normal seal | Observe and wait for normal seal | Observe and wait for normal seal coat cycle |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Cut out and replace | Cut out and replace | Cut out and replace |
| | | >1/2° or | Medium | Cut out and replace | Cut out and replace | Cut out and replace |
| | | deteriorated | High | Cut out and replace | Cut out and replace | Cut out and replace |
| | 1 per lane | | Low | Monitor | Observe and wait for normal seal | Observe and wait for normal seal coat cycle |
| | | Mostly tight | Medium | Monitor until cracks are wider, then | Monitor until cracks are wider, then | Monitor until cracks are wider, then mill, unders |
| | | | | mill, underseal, and overlay | mill, underseal, and overlay | and overlay |
| | | | | | | Monitor until cracks are wider, then mill, unders |
| | | | | mill, underseal, and overlay | | and overlay |
| | | | | Crack seal | | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Check for widening. If yes, rebuild edges, other |
| | | | 1.0 | Create and | O | reconstruct |
| | | | High | Crack seal | Crack seal | Check for widening. If yes, rebuild edges, othen reconstruct |
| | | | Low | Blade patch | Reconstruct | Reconstruct |
| | | >1/2" or | | Mill, underseal, and overlay | | Mill, underseal, and overlay |
| | | deteriorated | | • | | Mill, underseal, and overlay |
| - | >1 per lane | | | Monitor | | Seal coat |
| | P | Mostly tight | Medium | Monitor until cracks are wider, then | Monitor until cracks are wider, then | Monitor until cracks are wider, then mill, unders |
| | | initiality ingini | | | | and overlav |
| | | | | | | Monitor until cracks are wider, then mill, unders |
| | | | | | | and overlay |
| | | | Low | Blade patch | Reconstruct | Reconstruct |
| | | Open, < 1/2" | Medium | Mill, underseal, and overlay | Mill, underseal, and overlay | Mill, underseal, and overlay |
| | | | High | Mill, underseal, and overlay | Mill, underseal, and overlay | Mill, underseal, and overlay |
| | | >1/2" or | Low | Blade patch | Reconstruct | Reconstruct |
| | | deteriorated | Medium | Mill, underseal, and overlay | Mill, underseal, and overlay | Mill, underseal, and overlay |
| | | | High | Mill, underseal, and overlay | Mill, underseal, and overlay | Mill, underseal, and overlay |

Dallas (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------------------|---------------|---------|---|---|-----------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | | Low | F | Monitor | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Mill and replace rutted area | Mill and replace rutted area | Mill and replace rutted are |
| | | 0.5" to 1" (Shallow) | | S | Mill and replace rutted area | Mill and replace rutted area | Mill and replace rutted are |
| | | | High | F | Mill and replace rutted area | Mill and replace rutted area | Mill and replace rutted are |
| | | | | S | Mill and replace rutted area | Mill and replace rutted area | Mill and replace rutted are |
| | | | Low | F | Blade patch | Blade patch | Blade patch |
| | | | | S | Blade patch | Blade patch | Blade patch |
| | | | Medium | F | Mill rut and replace | Mill rut and replace | Mill rut and replace |
| | | > 1" (Deep) | | s | Mill rut and replace | Mill rut and replace | Mill rut and replace |
| | | | High | F | Mill rut and replace | Mill rut and replace | Mill rut and replace |
| | | | | s | Mill rut and replace | Mill rut and replace | Mill rut and replace |
| | Both Wheelp | aths | Low | F | Monitor | Monitor until wider | Monitor until wider |
| | | | | S | Monitor | Monitor until wider | Monitor until wider |
| | | | Medium | F | Mill and replace | Mill and replace | Mill and replace |
| | | 0.5" to 1" (Shallow) | | S | Mill and replace | Mill and replace | Mill and replace |
| | | | High | F | Mill and replace | Mill and replace | Mill and replace |
| | | | | s | Mill and replace | Mill and replace | Mill and replace |
| | | | Low | F | Rut fill with drag box or laydown machine | Rut fill with drag box or laydown machine | Blade patch and overlay |
| | | | | s | Rut fill with drag box or laydown machine | Rut fill with drag box or laydown machine | Blade patch and overlay |
| | | | Medium | F | Mill and replace | Mill and replace | Mill and replace |
| | | > 1" (Deep) | | s | Mill and replace | Mill and replace | Mill and replace |
| | | | High | F | Mill and replace | Mill and replace | Mill and replace |
| | | | - | S | Mill and replace | Mill and replace | Mill and replace |

Dallas (Cont)

| | | | | allab (Colle | | |
|------------|-------------|----------|---------------|-------------------|-----------------------|-----------------------|
| Predominal | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Ailigator | 1 Wheelpati | ו | Low | Blade and replace | Seal coat and overlay | Seal coat and overlay |
| Cracking | | Minor | Medium | Mill and replace | Mill and replace | Mill and replace |
| | | | High | Mill and replace | Mill and replace | Mill and replace |
| | | | Low | Blade and replace | Blade and replace | Blade and replace |
| | | Major | Medium | Mill and replace | Mill and replace | Mill and replace |
| | | | High | Mill and replace | Mill and replace | Mill and replace |
| | Both Wheel | baths | Low | Blade and replace | Seal coat and overlay | Seal coat and overlay |
| | | Minor | Medium | Mill and replace | Mill and replace | Mill and replace |
| | | | High | Mill and replace | Mill and replace | Mill and replace |
| | | | Low | Blade and replace | Blade and replace | Blade and replace |
| | | Major | Medium | Mill and replace | Mill and replace | Mill and replace |
| | | | High | Mill and replace | Mill and replace | Mill and replace |

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|---------------|---------------------------|---------------------------|--|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor | Monitor | Monitor |
| Roughness | Some Roughness | Medium | Monitor | Monitor | Monitor |
| | | High | Monitor | Monitor | Monitor |
| | | Low | Patch and level up | Patch and level up | Patch and level up |
| | Rough | Medium | Patch and level up | Patch and level up | Patch and level up |
| | | High | Patch and level up | Patch and level up | Patch and level up |
| | | | | | |
| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Cut out areas and replace | Cut out areas and replace | Cut out areas and replace |
| | Few | Medium | Cut out areas and replace | Cut out areas and replace | Cut out areas and replace or reconstruct |
| | | High | Cut out areas and replace | Cut out areas and replace | Cut out areas and replace |
| | | Low | Cut out areas and replace | Cut out areas and replace | Cut out areas and replace |
| | Many | Medium | Cut out areas and replace | Reconstruct | Reconstruct |
| | | High | Cut out areas and replace | Reconstruct | Reconstruct |

Joe Thompson Gary Charlton

| Predominant | Crack | | Traffic Level | Paso Action if Only | Short-term Repair | Long-term |
|-------------|-----------|-----------------------|---------------|------------------------|-------------------|------------|
| Distress | | Severity | or Importance | | 1-2 Years | 3+ Years |
| Transverse | >40' | Contraction | Low | Monitor | Crack seal | Grack seal |
| Cracking | 240 | Mostly tight | Medium | Monitor | Crack seal | Crack seal |
| oraoning | | mootly again | High | Crack seal | Seal coat | Seal coat |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Seal coat | Seal coat |
| | | opon, « ne | High | Crack seal | Seal coat | Seal coat |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Grack seat |
| | | | High | Strip seal | Strip seal | Strip seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Cupped or Tented | Medium | Strip seal | Strip seal | Strip seal |
| | | | High | Strip seal | Strip seal | Strip seal |
| | 15' - 40' | | Low | Monitor | Crack seal | Crack seal |
| | 10 10 | Mostly tight | Medium | Monitor | Crack seal | Crack seal |
| | | anoony ngin | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | opon, < nr | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Cupped or Tented | Medium | Strip seal | Strip seal | Strip seal |
| | | and a second | High | Strip seal | Strip seal | Strip seal |
| | <15' | | Low | Monitor | Crack seal | Crack seal |
| | | Mostly tight | Medium | Monitor | Crack seal | Crack seal |
| | | meeting ingin | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | ~p~.11 ~ 116 | High | Crack seal | Crack seal | Crack seal |
| | | | low | Crack seal | Crack sea! | Crack seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Grack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Cupped or Tented | | Crack seal | Crack seal | Crack seal |
| | | Support of rongo | | Crack seal | Crack seal | Crack seal |

| El | Paso | (Cont) |
|----|------|--------|
|----|------|--------|

| Predominan | t Crack Spacing | 1 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatmer |
|--------------|-----------------|-----------------------|---------------|----------------|-------------------|--------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Crack seal | Crack seal |
| Cracking | | Mostly tight | Medium | Monitor | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2* or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | 1 per lane | | Low | Monitor | Crack seal | Crack seal |
| | | Mostly tight | Medium | Crack seal | Crack seat | Crack seal |
| | | | High | Crack seat | Crack seal | Crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | - | | High | Crack seal | Crack seal | Crack seal |
| | >1 per lane | | Low | Monitor | Crack seat | Crack seal |
| | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seat | Crack seat | Crack seal |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Low | Crack seal | Crack seal | Crack seat |
| | | | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |

El Paso (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatmen |
|-----------|-------------|----------------------|---------------|---------|----------------|-------------------|--------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | ו | Low | F | Strip seal | Strip seal | Strip seal |
| | | | | s | Strip seal | Strip seal | Strip seal |
| | | | Medium | F | Microsurface | Microsurface | Microsurface |
| | | 0.5" to 1" (Shallow) | | S | Microsurface | Microsurface | Microsurface |
| | | | High | ۴ | Microsurface | Microsurface | Microsurface |
| | | | | S | Microsurtace | Microsurface | Microsurface |
| | | | Low | F | Fill ruts | Microsurface | Mill and overlay |
| | | | | s | Fill ruts | Microsurface | Mill and overlay |
| | | | Medium | F | Microsurface | Microsurface | Mill and overlay |
| | | > 1* (Deep) | | S | Microsurface | Microsurface | Mill and overlay |
| | | | High | F | Microsurface | Microsurface | Mill and overlay |
| | | | | S | Microsurface | Microsurface | Mill and overlay |
| | Both Wheel | paths | Low | F | Strip seal | Strip seal | Strip seal |
| | | | | S | Strip seal | Strip seal | Strip seal |
| | | | Medium | F | Microsurface | Microsurface | Mill and overlay |
| | | 0.5° to 1" (Shallow) | | S | Microsurface | Microsurface | Mill and overlay |
| | | | High | F | Microsurface | Microsurface | Mill and overlay |
| | | | | s | Microsurface | Microsurface | Mill and overlay |
| | | | Low | F | Microsurface | Microsurface | Mill and seal coat |
| | | | | s | Microsurface | Microsurface | Mill and seal coat |
| | | | Medium | F | Microsurface | Microsurface | Mill and overlay |
| | | > 1" (Deep) | | S | Microsurface | Microsurface | Mill and overlay |
| | | | High | F | Microsurface | Microsurface | Mill and overlay |
| | | | - | s | Microsurface | Microsurface | Mill and overlay |

| El | Paso | (Cont) | |
|----|------|--------|--|
| | | (| |

| Predomina | nt | Tr | affic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|-------------|-------------|----------------|-------------------|----------------------|
| Distress | # Lanes | Severity or | Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | 1 | Low | Strip seal | Strip seal | Seal coat |
| Cracking | | Minor | Medium | Strip seal | Seal coat | Rubberized seal coat |
| | | | High | Strip seal | Seal coat | Rubberized seal coat |
| | | | Low | Strip seal | Seal coat | Rubberized seal coat |
| | | Major | Medium | Strip seal | Seal coat | Rubberized seal coat |
| | | | High | Strip seal | Seal coat | Rubberized seal coat |
| | Both Wheelp | aths | Low | Strip seal | Seal coat | Seal coat |
| | | Minor | Medium | Strip seal | Seal coat | Rubberized seal coat |
| | | | High | Strip seal | Seal coat | Rubberized seal coat |
| | | | Low | Strip seal | Seal coat | Rubberized seal coat |
| | | Major | Medium | Strip seal | Seal coat | Rubberized seal coat |
| | | | High | Strip seal | Seal coat | Rubberized seal coat |

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|---------------|----------------|--------------------|---------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Mill | Monitor | Mill and overtay |
| Roughness | Some Roughness | Medium | Mill | Mill and seal coat | Mill and overlay |
| | | High | Mill | Mill and seal coat | Mill and overlay |
| | | Low | Mill | Mill and seal coat | Mill and overlay |
| | Rough | Medium | Mill | Mill and seal coat | Mill and overlay |
| | | High | Mill | Mill and seal coat | Mill and overlay |

| Predominant Distress | Few or Many | Traffic Level or Importance | Action if Only Localized | Short-term Repair 1-2 Years | Long-term Treatment 3+ Years |
|-------------------------|-------------|--------------------------------|-----------------------------|--------------------------------|---------------------------------|
| Failures | | Low | Patch | Seal coat | Patch and overlay |
| | Few | Medium | Patch | Seal coat | Patch and overlay |
| | | High | Patch | Seal coat | Patch and overlay |
| | | Low | Patch | Seal coat | Overlay |
| | Many | Medium | Patch | Seal coat | Reconstruct |
| | | High | Patch | Seal coat | Reconstruct |

J. V. Herrera Roberto Tejada

Fort Worth

| Predominant Distress | | Severity | Traffic Level or importance | Action if Only Localized | Short-term Repair 1-2 Years | Long-term Treatment 3+ Years |
|-------------------------|-----------|--------------------------|--------------------------------|---|--|---|
| Fransverse | >40' | Coroni | | Monitor or crack seal | Monitor or crack seal | Crack seal wide cracks or Monitor |
| Cracking | | Mostly tight | Medium | Monitor or crack seal | Monitor or crack seal | Crack seal wide cracks or Monitor |
| | | | High | Monitor or crack seal | Monitor or crack seal | Crack seal wide cracks or Monitor |
| | | | Low | Monitor or crack seal | Monitor or crack seal | Monitor or crack seal |
| | | Open, < 1/2" | Medium | Monitor or crack seal | Monitor or crack seal | Monitor or crack seal |
| | | | High | Monitor or crack seal | Monitor or crack seal | Monitor or crack seal |
| | | | Low | Crack fill (type F) | Crack fill (type F) | Crack fill (type F) |
| | | >1/2" or | Medium | Crack fill (type F) | Crack fill (type F) | Crack fill (type F) |
| | | deteriorated | High | Crack fill (type F) | Crack fill (type F) | Crack fill (type F) and overlay |
| | | | Low | Crack fill (type F) and level up. Call District office | Crack fill (type F) and level up. Call District office | Crack fill (type F), level up, and seal coat. Ca District office |
| | | Cupped or Tented | | District office | Crack fill (type F) and level up. Call District office | District office |
| | | | High | District office | Crack fill (type F) and level up. Call District office | District office |
| | 15' - 40' | | Low | District office | Crack fill (type F) and level up. Call District office | District office |
| | | Mostly tight | Medium | District office | Crack fill (type F) and level up. Call District office | District office |
| | | | - | District office | Crack fill (type F) and level up. Call District office | District office |
| | | | | Blade patch | Crack seal | Plan seal coat |
| | | Open, < 1/2* | Medium | Blade patch | Crack seal | Seal coat or microsurface |
| | | | High | Blade patch | Crack seal | Microsurface |
| | | | Low | Crack seal | Crack seal | Crack seal and plan seal coat |
| | | >1/2* or | Medium | Crack seal | Crack seal | Crack seal and plan seal coat or microsurface |
| | | deteriorated | High | Crack seal | Crack seal | Crack seal and overlay or microsurface |
| | | Cupped or | Low | Crack fill (type F). | Crack fill (type F). Call District office | Crack fill (type F) and plan seal coat |
| | | Tented | | | Crack fill (type F) and level up. Call District office Crack fill (type F) and level up. Call District office | |
| - | <15' | | Low | | Crack fill (type F) and level up. Call District office | |
| | | Mostly tight | 1 | District office | Crack fill (type F) and level up. Call District office | District office |
| | | | | District office | | District office |
| | | o | | Crack seal | | Crack seal and plan seal coat |
| | | Open, < 1/2 ^b | | | | Crack seal and plan seal coat or microsurface Crack seal and overlay or microsurface |

Fort Worth (Cont)

| | Low | Crack fill (type F). | Crack fill (type F). Call District office | Crack fill (type F) and plan seal coat |
|--------------|--------|--|--|--|
| >1/2" or | Medium | Crack fill (type F) and level up. | Crack fill (type F) and level up. Call District office | Crack fill (type F), level up, and overlay |
| deteriorated | High | Crack fill (type F) and level up. | Crack fill (type F) and level up. Call District office | Crack fill (type F), level up, and overlay |
| | Low | Crack fill (type F) and level up. Call | Crack fill (type F) and level up. Call District office | Crack fill (type F), level up, and seal coat. Call |
| | | District office | | District office |
| Cupped or | Medium | Crack fill (type F) and level up. Call | Crack fill (type F) and level up. Call District office | Crack fill (type F), level up, and overlay. Call |
| Tented | | District office | | District office |
| | High | Crack fill (type F) and level up. Call | Crack fill (type F) and level up. Call District office | Crack fill (type F), level up, and overlay. Call |
| | - | District office | | District office |

| | Crack Spacing | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|-----------------------|---------------|-----------------------|-----------------------|--------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Crack seal or Monitor | Crack seal or Monitor |
| | | | High | Monitor | Crack seal or Monitor | Crack seal or Monitor |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack fill (type F). | Crack fill (type F). | Crack fill (type F). |
| | | >1/2* or deteriorated | Medium | Crack fill (type F). | Crack fill (type F). | Crack fill (type F). |
| | | | High | Crack fill (type F). | Crack fill (type F). | Crack fill (type F). |
| | 1 per lane | | Low | Crack seal or Monitor | Crack seal or Monitor | Strip seal |
| | | Mostly tight | Medium | Crack seal | Crack seal | Strip seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal and strip sea |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal and strip sea |
| | | | High | Crack seal | Crack seal | Blade overlay or patch |
| | | | Low | Crack fill (type F). | Crack fill (type F). | Call District office |
| | | >1/2" or deteriorated | Medium | Crack fill (type F). | Crack fill (type F). | Call District office |
| | | | High | Crack fill (type F). | Crack fill (type F). | Call District office |
| • | >1 per lane | | Low | Crack seal | Crack seal | Call District office |
| | | Mostly tight | Medium | Crack seal | Crack seal | Call District office |
| | | | High | Crack seal | Crack seal | Call District office |
| | | | Low | Crack fill (type F). | Crack fill (type F). | Call District office |
| | | Open, < 1/2" | Medium | Crack fill (type F). | Crack fill (type F). | Call District office |
| | | | | Crack fill (type F). | Crack fill (type F). | Call District office |
| | | >1/2" or deteriorated | Low | Crack fill (type F). | Crack fill (type F). | Call District office |
| | | | Medium | Crack fill (type F). | Crack fill (type F). | Call District office |
| | | | High | Crack fill (type F). | Crack fill (type F). | Call District office |

Fort Worth (Cont)

| Predominar | nt | Traffic Level | Fast or | Action if | Short-term Repair | Long-term Treatment |
|------------|------------------|---------------|---------|-------------|--|--|
| Distress | # Lanes Severity | or Importance | Slow | Only | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | Low | F | Brade patch | Blade patch | Blade patch and plan seal coat. Call District office |
| | | | s | Blade patch | Blade patch | Blade patch and plan seal coat. Call District office |
| | | Medium | F | Blade patch | Blade patch | Investigate source of rutting. Mill and overlay or fill ruts |
| | | | | | | with microsurfacing and microsurface. Call District office |
| | 0.5" to 1 | | S | Blade patch | Blade patch | Investigate source of rutting. Mill and overlay or fill ruts |
| | (Shallow | | | | | with microsurfacing and microsurface. Call District office |
| | | High | F | Blade patch | Blade patch | Investigate source of rutting. Mill and overlay or fill ruts with microsurfacing and microsurface. Call District office |
| | | | s | Blade natch | Blade patch | Investigate source of rutting. Mill and overlay or fill ruts |
| | | | Ū | Diade pater | blade pater | with microsurfacing and microsurface. Call District office |
| | ···· | Low | F | Blade patch | Blade patch, investigate source of rutting, and call District office | Blade patch and call District office |
| | | | S | Blade patch | Blade patch, investigate source of rutting, and call District office | Blade patch and call District office |
| | | Medium | F | Blade patch | Blade patch, investigate source of rutting, and call District office | |
| | >1 | | | | | with microsurfacing and microsurface. Call District office |
| | (Deep |) | S | Blade patch | Blade patch, investigate source of rutting, and call District office | Investigate source of rutting. Mill and overlay or fill ruts |
| | | | | | | with microsurfacing and microsurface. Call District office |
| | | High | F | Blade patch | Blade patch, investigate source of rutting, and call District office | Investigate source of rutting. Mill and overlay or fill ruts with microsurfacing and microsurface. Call District office |
| | | | s | Riado notob | Blade patch, investigate source of rutting, and call District office | Investigate source of rutting. Mill and overlay or fill ruts |
| | | | 3 | Diade pater | blade patch, investigate source of futurity, and can district onice | with microsurfacing and microsurface. Call District office |
| | Both Wheelpaths | Low | F | Blade patch | Blade patch | Biade patch and plan seal coat. Call District office |
| | | | | | Blade patch | Blade patch and plan seal coat. Call District office |
| | | Medium | F | Blade patch | Blade patch | Investigate source of rutting. Mill and overlay or fill ruts |
| | | | | | | with microsurfacing and microsurface. Call District office |
| | 0.5" to 1" | | S | Blade patch | Blade patch | investigate source of rutting. Mill and overlay or fill ruts |
| | (Shallow) | | | - | | with microsurfacing and microsurface. Call District office |
| | | High | F | Blade patch | Blade patch | Investigate source of rutting. Mill and overlay or fill ruts |
| | | | S | Blade patch | Blade patch | with microsurfacing and microsurface. Call District office Investigate source of rutting. Mill and overlay or fill ruts |
| | | | 3 | biade patch | biade patch | with microsurfacing and microsurface. Call District office |
| | | Low | F | Blade patch | Blade patch, investigate source of rutting, and call District office | Blade patch and call District office |
| | | | | | | Blade patch and call District office |
| | | Medium | | | | Investigate source of rutting. Mill and overlay or fill ruts |
| | >1 | ٣ | | | | with microsurfacing and microsurface. Call District office |
| | (Deep |) | S | Blade patch | Blade patch, investigate source of rutting, and call District office | Investigate source of rutting. Mill and overlay or fill ruts |
| | | | | | | with microsurfacing and microsurface. Call District office |
| | | High | F | Blade patch | Blade patch, investigate source of rutting, and call District office | Investigate source of rutting. Mill and overlay or fill ruts |
| | | _ | | | * • • • | with microsurfacing and microsurface. Call District office |
| | | | S | Blade patch | Blade patch, investigate source of rutting, and call District office | Investigate source of rutting. Mill and overlay or fill ruts |
| | | | 1 | | | with microsurfacing and microsurface. Call District office |

Fort Worth (Cont)

| Predominar | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-------------|----------|---------------|----------------|-------------------------------------|---------------------------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Crack seal | Crack seal | Seal coat |
| Cracking | | Minor | Medium | Crack sea! | Crack seal | Overtay |
| | | | High | Crack seal | Crack seal | Overlay |
| | | | Low | Crack seal | Crack seal | Mill and overlay |
| | | Major | Medium | Crack seal | Crack seal | Mill and overlay |
| | | | High | Crack seal | Crack seal and call District office | Mill and overlay. Call District offic |
| | Both Wheelp | aths | Low | Crack seal | Crack seal | Seal coat |
| | | Minor | Medium | Crack seal | Crack seal | Overlay |
| | | | High | Crack seal | Crack seal | Overlay |
| | | | Low | Crack seal | Crack seal | Mill and overlay |
| | | Major | Medium | Crack seal | Crack seal | Mill and overlay |
| | | | High | Crack seal | Crack seal and call District office | Mill and overlay. Call District offic |

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|---------------|---------------------------------------|-----------------------------------|-----------------------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Spot level up | Monitor | Overlay |
| Roughness | Some Roughness | Medium | Spot level up | Monitor or overlay | Overlay |
| | | High | Spot level up | Overlay | Overtay |
| | | Low | Spot level up | Monitor | Overlay |
| | Rough | Medium | Spot level up | Monitor or overlay | Overlay |
| | | High | Spot level up | Overlay | Overlay |
| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Cut and replace | Cut and replace | Cut and replace |
| | Few | Medium | Cut and replace | Cut and replace | Cut and replace |
| | | High | Cut and replace | Cut and replace | Cut and replace |
| | | Low | Cut and replace. Call District office | Reconstruct. Call District office | Reconstruct. Call District office |
| | Many | Medium | Cut and replace. Call District office | Reconstruct. Call District office | Reconstruct. Call District office |
| | | High | Cut and replace. Call District office | Reconstruct. Call District office | Reconstruct. Call District office |
| Andrew Wims | saft | | | | |
Houston

| Predominan | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-----------|-----------------------|---------------|----------------|-------------------|--|
| Distress | Spacing | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Crack seal | Crack seal and overlay |
| | | Open, < 1/2" | Medium | Monitor | Crack seal | Crack seal and overlay |
| | | | High | Monitor | Crack seal | Crack seal and overlay |
| | | | Low | Patch | Patch | Patch or crack seal, and overlay |
| | | >1/2* or deteriorated | Medium | Patch | Patch | Patch or crack seal, and overlay |
| | | | High | Patch | Patch | Patch or crack seal, and overlay |
| | | | Low | Patch | Patch or monitor | Patch and overlay |
| | | Cupped or Tented | Medium | Patch | Patch or monitor | Patch and overlay |
| | | | High | Patch | Patch or monitor | Patch and overlay |
| | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Crack seal | Crack seal and overlay |
| | | Open, < 1/2* | Medium | Monitor | Crack seal | Crack seal and overlay |
| | | | High | Monitor | Crack seal | Crack seal and overlay |
| | | | Low | Monitor | Patch | Patch and overlay |
| | | >1/2" or deteriorated | Medium | Monitor | Patch | Patch and overlay |
| | | | High | Monitor | Patch | Patch and overlay |
| | | | Low | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |
| | | Cupped or Tented | Medium | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |
| | | | High | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |
| | <15' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Crack seal | Crack seal | Crack seal and overlay |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal and overlay |
| | | | High | Crack seal | Crack seal | Crack seal and overlay |
| | | | Low | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |
| | | >1/2" or detericrated | Medium | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |
| | | | High | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |
| | | | Low | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |
| | | Cupped or Tented | Medium | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |
| | | | High | Patch | Patch | Patch and overlay, or reconstruct if in bad shap |

Houston (Cont)

| Predominant | Crack Spacin | g | Traffic Level | Action if Only | Short-term Repair | Long-term Treatmen |
|--------------|--------------|-----------------------|---------------|----------------|-------------------|------------------------|
| Distress | (Across) | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Crack seal | Crack seal and overlay |
| | | Open, < 1/2" | Medium | Monitor | Crack seal | Crack seal and overlay |
| | | | High | Monitor | Crack seal | Crack seal and overlay |
| | | | Low | Crack seal | Crack seal | Patch and overlay |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Patch and overlay |
| | | | High | Crack seal | Crack seal | Patch and overlay |
| | 1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Crack seal | Crack seal and overlay |
| | | Open, < 1/2* | Medium | Monitor | Crack seal | Crack seal and overlay |
| | | | High | Monitor | Crack seal | Crack seal and overlay |
| | | | Low | Crack seal | Crack seal | Patch and overlay |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Patch and overlay |
| | | | High | Crack seal | Crack seal | Patch and overlay |
| | >1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Crack seal | Crack seal | Crack seal and overlay |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal and overlay |
| | | | High | Crack seal | Crack seal | Crack seal and overlay |
| | | >1/2" or deteriorated | Low | Patch | Patch | Patch and overlay |
| | | | Medium | Patch | Patch | Reconstruct |
| | | | High | Patch | Patch | Reconstruct |

| Predominant | | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-------------|----------------------|---------------|---------|----------------|-------------------|---------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 1 | Low | F | Monitor | Monitor | Overlay |
| | | | | s | Monitor | Monitor | Overlay |
| | | | Medium | F | Monitor | Fill ruts | Overlay |
| | | 0.5" to 1" (Shallow) | | s | Monitor | Fill ruts | Overlay |
| | | | High | F | Monitor | Fill ruts | Overlay |
| | | | | s | Monitor | Fill ruts | Overlay |
| | | | Low | F | Patch | Fill ruts | Overlay |
| | | | | s | Patch | Fill ruts | Overlay |
| | | | Medium | F | Patch | Fill ruts | Overlay |
| | | > 1" (Deep) | | s | Patch | Fill ruts | Overlay |
| | | | High | F | Patch | Fill ruts | Overlay |
| | | | | s | Patch | Fill ruts | Overlay |
| | Both Wheelp | Both Wheelpaths | | F | Monitor | Monitor | Overlay |
| | | | | s | Monitor | Monitor | Overlay |
| | | | Medium | F | Monitor | Fill ruts | Overlay |
| | | 0.5" to 1" (Shallow) | | s | Monitor | Fill ruts | Overlay |
| | | | High | F | Monitor | Fill ruts | Overlay |
| | | | | s | Monitor | Fill ruts | Overlay |
| | | | Low | F | Patch | Fill ruts | Overlay |
| | | | | s | Patch | Fill ruts | Overlay |
| | | | Medium | F | Patch | Fill ruts | Overlay |
| | | > 1" (Deep) | | s | Patch | Fill ruts | Overlay |
| | | | High | F | Patch | Fill ruts | Overlay |
| | | | | s | Patch | Fill ruts | Overlay |

Houston (Cont)

Houston (Cont)

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| Predominar | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|---------------|--------------|----------|---------------|------------------|-------------------|---|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Thin patch | Thin patch | Patch or mill and overlay if continuous |
| Cracking Mino | | Minor | Medium | Thin patch | Thin patch | Patch or mill and overlay if continuous |
| | | | High | Thin patch | Thin patch | Patch or mill and overlay if continuous |
| | | | Low | Full depth patch | Full depth patch | Full depth patch or overlay. Reconstruct if continuous. |
| | | Major | Medium | Full depth patch | Full depth patch | Full depth patch or overlay. Reconstruct if continuous. |
| | | | High | Full depth patch | Full depth patch | Full depth patch or overlay. Reconstruct if continuous. |
| | Both Wheelpa | aths | Low | Thin patch | Thin patch | Patch or mill and overlay if continuous |
| | | Minor | Medium | Thin patch | Thin patch | Patch or mill and overlay if continuous |
| | | | High | Thin patch | Thin patch | Patch or mill and overlay if continuous |
| | | | Low | Full depth patch | Full depth patch | Full depth patch or overlay. Reconstruct if continuous. |
| | | Major | Medium | Full depth patch | Full depth patch | Full depth patch or overlay. Reconstruct if continuous. |
| | | | High | Full depth patch | Full depth patch | Full depth patch or overlay. Reconstruct if continuous. |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment | |
|-------------|----------------|---------------|----------------------------------|-------------------|---|--|
| Distress | Severity | or importance | Localized | 1-2 Years | 3+ Years | |
| Swell/ | | Low | Monitor | Monitor | Overlay | |
| Roughness | Some Roughness | Medium | Monitor | Monitor | Overlay | |
| | | High | Monitor | Monitor Overlay | | |
| | | Low | Level up Thick overlay or Bornag | | Thick overlay or Bomag | |
| | Rough | Medium | Level up | Level up | Thick overlay or Bornag | |
| | | High | Level up | Level up | Thick overlay or Bornag | |
| Predominant | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment | |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years | |
| Failures | | Low | Patch | Patch | Patch and overlay. If less than 2 years old, patch only | |
| | Few | Medium | Patch | Patch | Patch and overlay. If less than 2 years old, patch only | |
| | | High | Patch | Patch | Patch and overlay. If less than 2 years old, patch only | |
| | | - | | | | |

Patch

Patch

Patch

Patch and overlay. If less than 2 years old, patch only

Patch and overlay. If less than 2 years old, patch only

Patch and overlay. If less than 2 years old, patch only

Pat Henry

Many

Low

High

Medium

Patch

Patch

Patch

Laredo

| | Crack | Coundby | Traffic Level | Action if Only Localized | Short-term Repair | Long-term Treatment 3+ Years |
|------------------------|-----------|-----------------------|---------------|-----------------------------|-------------------|---------------------------------|
| Distress Transverse | <u> </u> | Severity | or Importance | 1 | Seal coat | Seal coat |
| | >40' | A A | Low | Crack seal | | |
| Cracking | | Mostly tight | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Seal coat Seal coat |
| | | 0 | Low | Crack seal | Seal coat | |
| | | Open, < 1/2* | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Overlay Seal coat |
| | | | Low | Patch | Seal coat | |
| | | >1/2" or deteriorated | Medium | Patch | Seal coat | Seal coat |
| | | | High | Patch | Overlay | Overlay |
| | | | Low | Mill and crack seal | Seal coat | Seal coat |
| | | Cupped or Tented | Medium | Mill and crack seal | Seal coat | Seal coat |
| | | | High | Mill and crack seal | Overlay | Overlay |
| | 15' - 40' | | Low | Crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Seal coat | Seal coat |
| | | | Hìgh | Crack seal | Overlay | Overlay |
| | | | Low | Crack seal | Seal coat | Seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Overlay | Overlay |
| | | | Low | Patch | Seal coat | Seal coat |
| | | >1/2* or deteriorated | Medium | Patch | Seal coat | Seal coat |
| | | | High | Patch | Overlay | Overlay |
| | | | Low | Mill and crack seal | Seal coat | Seal coat |
| | | Cupped or Tented | Medium | Mill and crack seal | Seal coat | Overlay |
| | | | High | Mill and crack seal | Overlay | Overlay |
| | <15' | | Low | Crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Seal coat | Overlay |
| | | | High | Crack seal | Seal coat | Overlay |
| | - | | Low | Crack seal | Seal coat | Overlay |
| | | Open, < 1/2" | Medium | Crack seal | Seal coat | Rehabilitate |
| | | | High | Crack seal | Overlay | Rehabilitate |
| | - | · | Low | Patch | Seal coat | Rehabilitate |
| | | >1/2" or deteriorated | | Patch | Seal coat | Reconstruct |
| | | | | Patch | Overlay | Reconstruct |
| | - | | Low | Mill and crack seal | Seal coat | Seal coat |
| | | Cupped or Tented | | Mill and crack seal | Overlay | Overlay |
| | | support of romou | | Mill and crack seal | Overlay | Overlay |

Laredo (Cont)

| Predominant | Crack Spacing | 1 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatmer |
|--------------|---------------|-----------------------|---------------|----------------|-------------------|--------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Crack seal | Seal coat | Seal coat |
| Cracking | | Mostly tight | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Seal coat |
| | | | Low | Crack seal | Seal coat | Seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Overlay |
| | | | Low | Patch | Seal coat | Seal coat |
| | | >1/2* or deteriorated | Medium | Patch | Seal coat | Seal coat |
| | | | High | Patch | Overlay | Overlay |
| | 1 per lane | | Low | Crack seal | Seal coat | Seat coat |
| | | Mostly tight | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Overlay |
| | | | Low | Crack seal | Seal coat | Seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Overlay | Overlay |
| | | | Low | Patch | Seal coat | Seal coat |
| | | >1/2* or deteriorated | Medium | Patch | Seal coat | Overlay |
| | | | High | Patch | Overlay | Overlay |
| | >1 per lane | | Low | Crack seal | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Overlay | Overlay |
| | | | High | Crack seal | Overlay | Rehabilitate |
| | | | Low | Crack seal | Seal coat | Overlay |
| | | Open, < 1/2* | Medium | Crack seal | Overlay | Rehabilitate |
| | | - | High | Crack seal | Overlay | Rehabilitate |
| | | >1/2" or deteriorated | Low | Patch | Seal coat | Overlay |
| | | | Medium | Patch | Seal coat | Rehabilitate |
| | | | High | Patch | Overlay | Reconstruct |

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatmer |
|-----------|-------------|----------------------|---------------|---------|----------------|-------------------|--------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 1 | Low | F | Monitor | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Monitor | Monitor | Monitor |
| | | 0.5" to 1" (Shallow) | | s | Monitor | Monitor | Monitor |
| | | | High | F | Monitor | Monitor | Microsurface |
| | | | | s | Monitor | Monitor | Monitor |
| | | | Low | F | Monitor | Monitor | Microsurface |
| | | | | S | Monitor | Monitor | Microsurface |
| | | | Medium | F | Monitor | Microsurface | Overlay |
| | | > 1* (Deep) | | S | Monitor | Monitor | Microsurface |
| | | | High | F | Monitor | Microsurface | Overlay |
| | | | | S | Monitor | Microsurface | Overlay |
| | Both Wheelp | aths | Low | F | Monitor | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Monitor | Monitor | Monitor |
| | | 0.5" to 1" (Shallow) | | s | Monitor | Monitor | Monitor |
| | | · | High | F | Monitor | Monitor | Microsurface |
| | | | - | s | Monitor | Monitor | Monitor |
| | | | Low | F | Monitor | Monitor | Microsurface |
| | | | | s | Monitor | Monitor | Microsurface |
| | | | Medium | F | Monitor | Microsurface | Overlay |
| | | > 1" (Deep) | | s | Monitor | Monitor | Microsurface |
| | | | High | | Monitor | Microsurface | Overlay |
| | | | - | s | Monitor | Microsurface | Overlay |

Laredo (Cont)

Laredo (Cont)

| Predominar | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatmen |
|------------|-------------|------------|---------------|----------------|-------------------|--------------------|
| Distress | # Lanes | Severity (| or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Crack seal | Seal coat | Seal coat |
| Cracking | | Minor | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Seal coat |
| | | | Low | Patch | Seal coat | Seal coat |
| | | Major | Medium | Patch | Seal coat | Overlay |
| | | | High | Patch | Seal coat | Overlay |
| | Both Wheelp | aths | Low | Crack seal | Seal coat | Seal coat |
| | | Minor | Medium | Crack seal | Seal coat | Seal coat |
| | | | High | Crack seal | Seal coat | Seal coat |
| | | | Low | Patch | Seal coat | Seal coat |
| | | Major | Medium | Patch | Seal coat | Overlay |
| | | | High | Patch | Seal coat | Overlay |

| Predominant | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|---------------|----------------|-------------------|---------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor | Monitor | Monitor |
| Roughness | Some Roughness | Medium | Monitor | Monitor | Overlay |
| | | High | Monitor | Overlay | Rehabilitate |
| | | Low | Monitor | Overlay | Rehabilitate |
| | Rough | Medium | Monitor | Overlay | Reconstruct |
| | | High | Monitor | Overlay | Reconstruct |
| | | | | - | |
| Predominant | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Patch | Seal coat | Seal coat |
| | Few | Medium | Patch | Seal coat | Seal coat |
| | | High | Patch | Seal coat | Overlay |
| | | Low | Patch | Seal coat | Rehabilitate |
| | Many | Medium | Patch | Rehabilitate | Rehabilitate |
| | | | | 1 | 1 |

Roy Garcia

Lubbock

| Predominant | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-----------|---------------------|---------------|---|--|---|
| Distress | Spacing | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Crack seal if working nearby | Plan crack seal | Crack seal and plan seal coat |
| | | Open, < 1/2' | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Plan crack seal | Crack fill and crack seal or patch | Crack fill and crack seal or patch |
| | | >1/2" or | Medium | Crack fill and crack seal or patch | Crack fill and crack seal or patch | Crack fill and crack seal or patch |
| | | deteriorated | High | Crack fill and crack seal or patch | Crack fill and crack seal or patch | Crack fill and crack seal or patch |
| | | | Low | Spot level | If cupped, strip seal. If tented, blade tops of cracks and patch | If cupped, strip seal. If tented, blade t of cracks and patch |
| | | Cupped or Tented | Medium | Spot level | If cupped, strip seal. If tented, blade tops of cracks and patch | If cupped, strip seal. If tented, blade to of cracks and patch |
| | | | High | Spot level | Mill cracks and level up | Mill cracks and level up |
| | 15' - 40' | | Low | Monitor | Monitor | Plan seal coat |
| | | Mostly tight | Medium | Monitor | Monitor or fog seal | Plan seal coat |
| | | | High | Monitor | Monitor or fog seal | Plan seal coat |
| | | | Low | Monitor and crack seal if working nearby | Monitor, crack seal if it deteriorates | Plan crack seal and seal coat |
| | | Open, < 1/2" | Medium | Monitor and crack seal if working nearby | Monitor, crack seal if it detenorates | Plan crack seal and seal coat |
| | | | High | Crack seal | Crack seal | Crack seal and seal coat |
| | | | Low | Tack and blade patch or crack seal | Crack fill and crack seal, patch bad areas. | Plan rehabilitation |
| | | >1/2" or | Medium | Tack and blade patch or crack seal | Crack fill and crack seal, patch bad areas. | Plan rehabilitation |
| | | deteriorated | High | Tack and blade patch or crack seal | Crack fill and crack seal, patch bad areas. | Plan rehabilitation |
| | | Cupped or | Low | Blade patch | Plan rehabilitation | Plan rehabilitation |
| | | Tented | | Blade patch or mill and maybe overlay Mill and maybe overlay | If cupped, mill. If tented, mill tops of cracks If cupped, mill. If tented, mill tops of cracks | |
| | <15 | | Low | Monitor | Monitor | Plan seal coat |
| | | Mostly tight | Medium | Monitor | Monitor or fog seal | Plan seal coat |
| | | | High | Monitor | Monitor or fog seal | Plan seal coat |
| | | | Low | Monitor and crack seal if working nearby | Monitor, crack seal if it deteriorates | Plan crack seal and seal coat |
| | | Open, < 1/2" | Medium | Monitor and crack seal if working nearby | Monitor, crack seal if it deteriorates | Plan crack seal and seal coat |
| | | | High | Crack seal | Crack seal | Crack seal and seal cost |
| | | | Low | Tack and blade patch or crack seal | Crack fill and crack seal, patch bad areas. | Plan rehabilitation |
| | | >1/2" or | Medium | Tack and blade patch | Crack fill and crack seal, patch bad areas. | Plan rehabilitation |
| | | deteriorated | High | Tack and blade patch | Crack fill and crack seal, patch bad areas. | Plan rehabilitation |
| | | Cupped or | Low | Blade patch | Plan rehabilitation | Plan rehabilitation |
| | | Tented | | | If cupped, milli. If tented, mill tops of cracks If cupped, milli. If tented, mill tops of cracks | |

Lubbock (Cont)

| Predominan | t Crack Spacing | 9 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|-----------------|--------------------------|---------------|--|---|--|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| _ongitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor and crack seal if working nearby | Monitor and crack seal if working nearby | Plan crack seal |
| | | Open, < 1/2* | Medium | Monitor and crack seal if working nearby | Monitor and crack seal if working nearby | Plan crack seal |
| | | | High | Monitor and crack seal if working nearby | Monitor and crack seal if working nearby | Plan crack seal |
| | | | Low | Monitor and crack fill and crack seal if working nearby | Plan crack fill and crack seal | Crack fill and crack seal |
| | | >1/2" or deteriorated | Medium | Crack fill and crack seal, level up if needed | Crack fill and crack seal, level up if needed | Crack fill and crack seal, level u needed |
| | | | High | Crack fill and crack seal, level up if needed | Crack fill and crack seal, level up if needed | Crack fill and crack seal, level u needed |
| | 1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor or fog seal | Strip seal |
| | | | High | Strip seal | Strip seal | Strip seal |
| | | | Low | Monitor and crack seal if working nearby | Plan crack seal | Crack seal |
| | | Operi, < 1/2" | Medium | Monitor and crack seal if working nearby | Plan crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack fill and crack seal | Crack fill and crack seal | Crack fill and crack seal |
| | | >1/2" or deteriorated | Medium | Crack fill and crack seal, level up if needed | Crack fill and crack seal, level up if needed | Crack fill and crack seal, level u needed |
| | | | High | Crack fill and crack seal, level up if needed | Crack fill and crack seal, level up if needed | Crack fill and crack seal, level u needed |
| | >1 per lane | | Low | Monitor | Monitor or fog seal | Plan seal coat |
| | | Mostly tight | Medium | Monitor | Monitor or fog seal | Fog seal |
| | | | High , | Monitor | Plan seal coat | Seal coat or mill |
| | | | Low | | Crack seal | Plan major rehabilitation |
| | | Open, < 1/2* | Medium | | Crack seal | Plan major rehabilitation |
| | | | High | | Crack seal | Plan major rehabilitation |
| | | >1/2" or | Low | Crack seal and blade patch | Crack seal and blade patch | Plan major rehabilitation |
| | | deteriorated | Medium | Crack seal and blade patch | Crack seal and blade patch | Plan major rehabilitation |
| | | | High | Crack seal and blade patch | Crack seal and blade patch | Plan major rehabilitation |

Lubbock (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-----------|----------------------|---------------|---------|--|----------------------------------|------------------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpa | th | Low | F | Monitor or fevel up | Monitor or level up | Level up |
| | | | | s | Monitor or level up | Monitor or level up | Level up |
| | | | Medium | F | Monitor or level up | Monitor or level up | Level up |
| | | 0.5" to 1" (Shallow) | | s | Monitor or level up | Monitor or level up | Level up |
| | | | High | F | Level up | Level up | Mill and level up |
| | | | | S | Level up | Level up | Mill and level up |
| | | | Low | F | Remove and reptace | Remove and replace | Remove and replace |
| | | | | S | Remove and replace | Remove and replace | Remove and replace |
| | | | Medium | F | Dig out and replace | Dig out and replace | Dig out and replace |
| | | > 1" (Deep) | | s | Dig out and replace | Dig out and replace | Dig out and replace |
| | | | High | F | Dig out and replace | Dig out and replace | Dig out and replace |
| | | | | s | Dig out and replace | Dig out and replace | Dig out and replace |
| | Both Whee | Ipaths | Low | F | Monitor or blade level | Strip seal or blade level | Plan rehabilitation |
| | | | | S | Monitor or blade level | Strip seal or blade level | Plan rehabilitation |
| | | | Medium | F | Monitor or level up | Strip seal or blade level | Mill and overlay or plan rehabili |
| | | 0.5" to 1" (Shallow) | | S | Monitor or level up | Strip seal or blade level | Mill and overlay or plan rehabilit |
| | | | High | F | Monitor or level up | Mill | Mill and overlay or plan rehabilit |
| | | | | s | Monitor or level up | Mill | Mill and overlay or plan rehabilit |
| | | | Low | F | Remove, restabilize, and replace or Bornag | Level up and plan rehabilitation | Plan rehabilitation |
| | | | | - 1 | Remove, restabilize, and replace or Bornag | | |
| | | | Medium | F | Remove, restabilize, and replace or Bomag | Mill and level up | Plan rehabilitation |
| | | > 1* (Deep) | | | Remove, restabilize, and replace or Bornag | , | Plan rehabilitation |
| | | | High | | | | Plan rehabilitation |
| | | | | | , | | Plan rehabilitation |

Lubbock (Cont)

| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------|---------------|--------------------------------|-------------------------|-----------------------------------|
| Distress | # Lanes | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | 1 | Low | Strip seal | Strip seal | Strip seal |
| Cracking | | Minor | Medium | Strip seal | Strip seal | Strip seal or plan rehabilitation |
| | | | High | Strip seal | Strip seal | Plan rehabilitation |
| | | | Low | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | | Major | Medium | Remove full deprth and replace | Plan rehabilitation | Plan rehabilitation |
| | | | High | Remove full deprth and replace | Plan rehabilitation | Plan rehabilitation |
| | Both Wheelp | oaths | Low | Spot seal | Plan seal coat | Seal coat |
| | | Minor | Medium | Spot seal | Plan seal coat | Seal coat |
| | | | High | Strip seal or lane width seal | Strip seal or seal coat | Plan rehabilitation |
| | | | Low | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | | Major | Medium | Remove full depth and replace | Plan rehabilitation | Plan rehabilitation |
| | | | High | Remove full depth and replace | Plan rehabilitation | Plan rehabilitation |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|----------------|---------------|----------------|----------------------|--|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Level up | Call District Office | Call District Office |
| Roughness | Some Roughness | Medium | Level up | Call District Office | Call District Office |
| · · | | High | Level up | Call District Office | Call District Office |
| | | Low | Level up | Call District Office | Call District Office |
| | Rough | Medium | Level up | Call District Office | Call District Office |
| | | High | Level up | Call District Office | Call District Office |
| | | | | | |
| Predominan | t | Traffic Level | Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Patch | Patch | Patch or remove and replace |
| | Few | Medium | Patch | Patch | Patch or remove and replace |
| | | 1.15 mbs | Patch | Remove and replace | Remove and replace |
| | | High | , and t | | |
| | | Low | | | Plan rehabilitation |
| | | | | | Plan rehabilitation Plan rehabilitation |

Ted Moore George Dozier

Lufkin

| Predominan | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-----------|--------------|---------------|--|--|---|
| Distress | Spacing | Seventy | or importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor unless in the area, then seal coat | Monitor unless in the area, then seal coat | Monitor unless in the area, then seal coa |
| Cracking | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal and seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Crack seaf | Crack seal and seal coat |
| | | | High | Crack seal | Crack seal | Crack seal and seal coat |
| | | | Low | Crack seal | Crack seal | Crack seal and seal coat |
| | | >1/2" or | Medium | Crack seal | Crack seal | Crack seal and seal coat |
| | | deteriorated | High | Crack seal | Crack seal | Crack seal and seal coat |
| | | | Low | Crack seal | Crack seal | Crack seal and seal coat |
| | | Cupped or | Medium | Crack seal | Crack seal | Crack seal and seal coat |
| | | Tented | High | Crack seal | Crack seal | Crack seal and seal coat |
| | 15' - 40' | | Low | Crack seal | Crack seal | Crack seal and seal coat |
| | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal and seal coat |
| | | | High | Crack seal | Crack seal | Crack seal and seal coat |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Mix in place or remove and replace | Call District Office | Call District Office |
| | | >1/2* or | Medium | Mix in place or remove and replace | Call District Office | Call District Office |
| | | deteriorated | High | Mix in place or remove and replace | Call District Office | Call District Office |
| | | | Low | Blade level up if working nearby | Blade level up | Blade level up and spot seal |
| | | Cupped or | Medium | Blade level up if working nearby | Blade level up | Call District Office |
| | | Tented | High | Level up | Crack seal | Crack seal |
| | <15' | | Low | Crack seal | Crack sea! | Crack seal and seal coat |
| | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal and seal coat |
| | | | High | Crack seal | Crack seal | Crack seal and seal coat |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Mix in place or remove and replace | Call District Office | Call District Office |
| | | >1/2" or | Medium | Mix in place or remove and replace | Call District Office | Call District Office |
| | | deteriorated | High | Mix in place or remove and replace | Call District Office | Call District Office |
| | | | | Blade level up if working nearby | Blade level up | Blade level up and spot sea! |
| | | Cupped or | 1 | Blade level up if working nearby | Blade level up | Call District Office |
| | | Tented | 1 | Level up | Crack seal | Crack seal |

Lufkin (Cont)

| Predominani | Crack Spacing | 3 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|---------------|-----------------------|---------------|--------------------------------------|-----------------------------------|----------------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| ongitudinal | >Lane Width | | Low | Monitor | Monitor until scheduled seal coat | Monitor until scheduled seal coa |
| Cracking | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seat | Crack seal |
| | | | Low | Monitor until nearby, then spot seal | Monitor until scheduled seal coat | Monitor until scheduled seal coa |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal and seal coat | Crack seal |
| | | | High | Crack seal | Crack seal and seal coat | Crack seal |
| | | | Low | Call District Office | Call District Office | Call District Office |
| | | >1/2* or deteriorated | Medium | Call District Office | Call District Office | Call District Office |
| | | | High | Call District Office | Call District Office | Call District Office |
| 1 per la | 1 per lane | | Low | Monitor | Monitor until scheduled seal coat | Monitor until scheduled seal coa |
| | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor until nearby, then spot seal | Monitor until scheduled seal coat | Monitor until scheduled seal coa |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal and seal coat | Crack seal |
| | | | High | Crack seal | Crack seal and seal coat | Crack seal |
| | | | Low | Call District Office | Call District Office | Call District Office |
| | | >1/2* or deteriorated | Medium | Call District Office | Call District Office | Call District Office |
| | | | High | Call District Office | Call District Office | Call District Office |
| | >1 per lane | | Low | Monitor | Monitor until scheduled seal coat | Monitor until scheduled seal coa |
| | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor until nearby, then spot seal | Monitor until scheduled seal coat | Seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal and seal coat | Crack seal and seal coat |
| | | | High | Crack seal | Crack seal and seal coat | Crack seal and seal coat |
| | | >1/2" or deteriorated | Low | Call District Office | Call District Office | Call District Office |
| | | | Medium | Call District Office | Call District Office | Call District Office |
| | | | High | Call District Office | Call District Office | Call District Office |

Lufkin (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatme |
|-----------|-------------|----------------------|---------------|---------|--------------------|--------------------|---------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | I | Low | F | Level up | Level up | Level up |
| | | | | S | Level up | Level up | Level up |
| | | | Medium | F | Level up | Level up | Level up |
| | | 0.5" to 1" (Shallow) | | s | Level up | Level up | Level up |
| | | | High | F | Level up | Level up | Level up |
| | | | | s | Level up | Level up | Level up |
| | | | Low | F | Level up or repair | Level up or repair | Level up and repair |
| | | | | S | Level up or repair | Level up or repair | Level up and repair |
| | | | Medium | F | Level up or repair | Level up or repair | Mill and replace |
| | | > 1" (Deep) | | s | Level up or repair | Level up or repair | Mill and replace |
| | | | High | ۴ | Level up or repair | Level up or repair | Mill and replace |
| | | | | S | Level up or repair | Level up or repair | Mill and replace |
| | Both Wheelp | aths | Low | ۴ | Level up | Level up | Level up |
| | | | | s | Level up | Level up | Level up |
| | | | Medium | F | Level up | Level up | Level up |
| | | 0.5" to 1" (Shallow) | | S | Level up | Level up | Level up |
| | | | High | F | Level up | Level up | Level up |
| | | | | s | Level up | Level up | Level up |
| | | | Low | F | Level up or repair | Level up or repair | Level up and repair |
| | | | | S | Level up or repair | Level up or repair | Level up and repair |
| | | | Medium | F | Level up or repair | Level up or repair | Mill and replace |
| | | > 1" (Deep) | | s | Level up or repair | Level up or repair | Mill and replace |
| | | | High | F | Level up or repair | Level up or repair | Mill and replace |
| | | | | s | Level up or repair | Level up or repair | Mill and replace |

Lufkin (Cont)

| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------|---------------|---------------------|---------------------|---------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Spot seal | Spot seal | Spot seal |
| Cracking | | Minor | Medium | Spot seal | Spot seal | Spot seal |
| | | | High | Spot seal | Spot seal | Spot seal |
| | | | Low | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | | Major | Medium | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | | | High | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | Both Wheelp | paths | Low | Spot seal | Spot seal | Spot seal |
| | | Minor | Medium | Spot seal | Spot seal | Spot seal |
| | | | High | Spot seal | Spot seal | Spot seal |
| | | | Low | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | | Major | Medium | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | | | High | Dig out and replace | Plan rehabilitation | Plan rehabilitation |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|----------------|---------------|---------------------|---------------------|---------------------|
| Distress | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Level up | Level up | Level up |
| Roughness | Some Roughness | Medium | Level up | Level up | Level up |
| | | High | Level up | Level up | Level up |
| | | Low | Mill or level up | Mill or level up | Mill or level up |
| | Rough | Medium | Mill or level up | Mill or level up | Mill or level up |
| | | High | Mili or level up | Mill or level up | Mill or level up |
| | | | | | |
| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Dig out and replace | Dig out and replace | Dig out and replace |
| | Few | Medium | Dig out and replace | Dig out and replace | Dig out and replace |
| | | High | Dig out and replace | Dig out and replace | Dig out and replace |
| | | Low | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | Many | Medium | Dig out and replace | Plan rehabilitation | Plan rehabilitation |
| | | High | Dig out and replace | Plan rehabilitation | Plan rehabilitation |

Ron Evers Robert Neel Odessa

Odessa (Continued)

No Data

Paris

| Predominant | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-----------|-----------------------|---------------|-------------------------------------|---|--|
| Distress | Spacing | 3 Severity | or importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2" | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Plan seal coat |
| | | >1/2" or deteriorated | Medium | Monitor | Crack seal | Crack seal |
| | | | High | Monitor | Crack seal | Crack seal |
| | | | Low | Monitor | Monitor | Monitor |
| | | Cupped or Tented | Medium | Monitor | Monitor | Either monitor or blade tops of cracks and crack s |
| _ | | | High | Monitor | Blade tops of cracks and crack seal | Blade tops of cracks and crack seal |
| | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2" | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Blade tops of cracks and skin patch | Mill and seal coat | Mill and seal coat |
| | | Cupped or | Medium | Blade tops of cracks and skin patch | Mill tops of cracks, seal coat and slurry | Mill tops of cracks, seal coat and slurry |
| | | Tented | High | Blade tops of cracks and skin patch | Plan rehabilitation (mill, fabric, and overlay) | Plan rehabilitation (mill, fabric, and overlay) |
| | <15 | | Low | Monitor | Monitor | Fog seal |
| | | Mostly tight | Medium | Monitor | Monitor | Fog seal |
| | | | High | Monitor | Monitor | Fog seal |
| | | | Low | Fog seal and sand, broom into crack | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Skin patch | Crack seal | Crack seal |
| | | | High | Skin patch | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | >1/2" or | Medium | Crack seal | Crack seal | Crack seal |
| | | deteriorated | High | Crack seal | Crack seal | Crack seal |
| | | | | Blade tops of cracks and skin patch | Mill and seal coat | Mill and seal coat |
| | | Cupped or | 1 | Blade tops of cracks and skin patch | Mill tops of cracks, seal coat and slurry | Mill tops of cracks, seal coat and slurry |
| | | Tented | 1 | Blade tops of cracks and skin patch | Plan rehabilitation (mill, fabric, and overlay) | Plan rehabilitation (mill, fabric, and overlay) |

Paris (Cont)

| Predominant | Crack Spacing | I | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|-----------------------|---------------|----------------|------------------------------|----------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2* | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | >1/2" or detenorated | Medium | Monitor | Either monitor or crack seal | Either monitor or crack se |
| | | | High | Monitor | Crack seal | Crack seal |
| | 1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2* | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | >1/2" or deteriorated | Medium | Monitor | Either monitor or crack seal | Either monitor or crack s |
| | | | High | Monitor | Crack seal | Crack seal |
| | >1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Fog seal | Fog seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | >1/2* or deteriorated | Low | Crack seal | Crack seal | Skin patch |
| | | | Medium | Skin patch | Skin patch | Skin patch |
| | | | High | Skin patch | Skin patch | Skin patch |

Paris (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Flepair | Long-term Treatment |
|-----------|-------------|----------------------|---------------|-----------------------------------|-----------------------------------|--|---|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 1 | Low | F | Spot level in curves and on hills | Monitor | Monitor |
| | | | | S | Spot level in curves and on hills | Monitor | Monitor |
| | | | Medium | F | Blade patch | Spot level up | Spot level up |
| | | 0.5" to 1" (Shallow) | | S | Blade patch | Spot level up | Spot level up |
| | | | High | F | Blade patch | Microsurface ruts, follow with seal coat next year or hot mix cold laid blade patch | |
| | | | | S | Blade patch | Microsurface ruts, follow with seal coat next year or hot mix cold laid blade patch | |
| | | | Low | F | Spot level in curves and on hills | Spot level up | Plan rehabilitation or spot seal |
| | | | S | Spot level in curves and on hills | Spot level up | Plan rehabilitation or spot seal | |
| | | | Medium | F | Blade patch | Microsurface ruts | Microsurface ruts, follow with seal coat year or hot mix cold laid blade patch |
| | | > 1" (Deep) | | S | Blade patch | Microsurface ruts | Microsurface ruts, follow with seal coat year or hot mix cold laid blade patch |
| | | | High | F | Blade patch | Microsurface ruts | Microsurface ruts, follow with seal coat year or hot mix cold laid blade patch |
| | | | | S | Blade patch | Microsurface ruts | Microsurface ruts, follow with seal coat year or hot mix cold laid blade patch |
| | Both Wheelp | aths | Low | F | Spot level in curves and on hills | Monitor | Monitor |
| | | | | S | Spot level in curves and on hills | Monitor | Monitor |
| | | | Medium | F | Blade patch | Spot level up | Spot level up |
| | | 0.5" to 1" (Shallow) | | S | Blade patch | Spot level up | Spot level up |
| | | | High | F | Blade patch | Microsurface ruts, follow with seal coat next year or hot mix cold laid blade patch | |
| | | | | s | | Microsurface ruts, follow with seal coat next year or hot mix cold laid blade patch | |
| | | | Low | F | Spot level in curves and on hills | Spot level up | Plan rehabilitation or spot seal |
| | | - | | S | Spot level in curves and on hills | Spot level up | Plan rehabilitation or spot seal |
| | | | Medium | F | Blade patch | Microsurface ruts | Microsurface ruts, follow with seal coat year or hot mix cold laid blade patch |
| | | > 1" (Deep) | | S | Blade patch | | Microsurface ruts, follow with seal coat year or hot mix cold laid blade patch |
| | | | High | F | Blade patch | Microsurface ruts | Microsurface ruts, follow with seal coat year or hot mix cold laid blade patch |
| | | | | s | Blade patch | Microsurface ruts | Microsurface ruts, follow with seal coat year or hot mix cold laid blade patch |

Paris (Cont)

| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------|---------------|---------------------------|---------------------|---------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Seal coat | Monitor | Monitor |
| Cracking | | Minor | Medium | Seal coat | Seal coat | Seal coat |
| | | | High | Seal coat | Seal coat | Seal coat |
| | | | Low | Blade patch and seal coat | Plan rehabilitation | Plan rehabilitation |
| | | Major | Medium | Blade patch and seal coat | Plan rehabilitation | Plan rehabilitation |
| | | | High | Blade patch and seal coat | Plan rehabilitation | Plan rehabilitation |
| | Both Wheelp | aths | Low | Seal coat | Monitor | Monitor |
| | | Minor | Medium | Seal coat | Seal coat | Seal coat |
| | | | High | Seal coat | Seal coat | Seal coat |
| | | | Low | Blade patch and seal coat | Plan rehabilitation | Plan rehabilitation |
| | | Major | Medium | Blade patch and seal coat | Plan rehabilitation | Plan rehabilitation |
| | | | High | Blade patch and seal coat | Plan rehabilitation | Plan rehabilitation |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------------------------------|--------------------|--|---|--|---|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor | Monitor, but plan rehabilitation | Monitor, but plan rehabilitation |
| Roughness | Some Roughness | Medium | Monitor | Monitor, but plan rehabilitation | Monitor, but plan rehabilitation |
| | | High | Monitor | Monitor, but plan rehabilitation | Monitor, but plan rehabilitation |
| | | Low | Spot level | Spot level. If abrupt bump, cut out and replace. | Spot level. If abrupt bump, cut out and replace. |
| | Rough | Medium | Spot level | Spot level. If abrupt bump, cut out and replace. | Spot level. If abrupt bump, cut out and replace. |
| | | High | Spot level | Spot level. If abrupt bump, cut out and replace. | Spot level. If abrupt bump, cut out and replace. |
| | | | | | |
| | | | | · · · · · · · · · · · · · · · · · · · | |
| Predominant | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| | - | Traffic Level or Importance | Action if Only Localized | Short-term Repair 1-2 Years | Long-term Treatment 3+ Years |
| Distress | - | | | | - |
| Predominant Distress Failures | - | or importance | Localized | 1-2 Years | 3+ Years |
| Distress | Few or Many Few | or Importance Low | Localized Patch with pothole crew Remove, restabilize, and replace | 1-2 Years Patch with pothole crew | 3+ Years Patch with pothole crew |
| Distress | Few or Many Few | or Importance Low Medium | Localized Patch with pothole crew Remove, restabilize, and replace | 1-2 Years Patch with pothole crew Remove, restabilize, and replace | 3+ Years Patch with pothole crew Remove, restabilize, and replace |
| Distress | Few or Many Few | or Importance Low Medium High | Localized Patch with pothole crew Remove, restabilize, and replace Remove, restabilize, and replace Patch with pothole crew | 1-2 Years Patch with pothole crew Remove, restabilize, and replace Remove, restabilize, and replace | 3+ Years Patch with pothole crew Remove, restabilize, and replace Remove, restabilize, and replace |

Pharr

| Predominant | Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-----------|---------------------------|---------------|--|---------------------------------------|--|
| Distress | Spacing | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Fransverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Monitor | Crack seal | Crack seal |
| | | | High | Monitor | Crack seal | Crack seal |
| | | | Low | Monitor | Crack fill and crack seal | Crack fill and crack seal |
| | | >1/2* or | Medium | Monitor | Crack fill and crack seal | Crack fill and crack seal |
| | | deteriorated | High | Monitor | Crack fill and crack seal | Crack fill and crack seal |
| | | | Low | Blade shave tops of cracks and maintenance seal | Mill and maintenance seal | Mill and maintenance seal |
| | | Cupped or | Medium | Either blade shave tops of cracks and maintenance seal or maintenance seal | Mill and maintenance seal | Mill and maintenance seal |
| | | Tented | High | Mill and maintenance seal | Mill and maintenance seal | Mill and maintenance seal |
| | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack fill and crack seal | Crack fill and crack seal | Crack fill and crack seal |
| | | >1/2" or | Medium | Crack fill and crack seal | Crack fill and crack seal | Crack fill and crack seal |
| | | deteriorated | High | Crack fill and crack seal | Crack fill and crack seaf | Crack fill and crack seal, seal coat if no planned for more than 2 years |
| | | | Low | Blade shave tops of cracks and maintenance seal | Mill and maintenance seal | Mill and maintenance seal |
| | | Cupped or | | Either blade shave tops of cracks and maintenance seal or maintenance seal | | Mill and maintenance seal |
| - | | Tented | | Mill and maintenance seal | Mill and maintenance seal | Mill and maintenance seal |
| | <15' | | | Monitor | Fog seal | Fog seal |
| | | Mostly tight | | Monitor | Fog seal | Fog seal |
| | - | | | Monitor | Fog seal | Fog seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2° | Medium | Crack seal | Crack seal | Crack seal |
| | _ | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Bomag, restabilize and resurface | Crack fill, crack seal, and seal coat | Bomag, restabilize and resurface reconstruct, or District Project Selection |
| | | >1/2" or d eteriorated | Meoium | Bomag, restabilize and resurface | Crack fill, crack seal, and seal coat | Bomag, restabilize and resurface reconstruct, or District Project Selection |
| | | | High | Bomag, restabilize and resurface | | Bomag, restabilize and resurface reconstruct, or District Project Selection |
| | - | | Low | Blade shave tops of cracks and maintenance seal | | Call District Office |
| | | Cupped or | Medium | Either blade shave tops of cracks and maintenance seal or maintenance seal | Call District Office | Call District Office |
| | • | Tented | High | Mill and maintenance seal | Call District Office | Call District Office |

Pharr (Cont)

| Predominant | Crack Spacing | 1 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|-----------------------|---------------|---|---|--|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2* | Medium | Monitor | Crack seal | Crack seal |
| | | | High | Monitor | Crack seal | Crack seal |
| | | ********** | Low | Maybe level up | Crack fill, crack seal, and level up | Crack fill, crack seal, and level up |
| | | >1/2" or deteriorated | Medium | | Crack fill, crack seal, and level up | Crack fill, crack seal, and level up |
| | 1 per lane | | High | Crack fill, crack seal, and level up Monitor | Crack fill, crack seal, and level up Monitor | Crack fill, crack seal, and level up |
| | i per lane | 64 | | | | |
| | | Mostly tight | | Monitor | Monitor | Monitor |
| | | | <u> </u> | Monitor | Monitor | Monitor |
| | | • • • • • | | Monitor or crack seal | Crack seal | Crack seal |
| | | Open, < 1/2* | | Monitor or crack seal | Crack seal | Crack seal |
| | | | | | Crack seal | Crack seal |
| | | | | Crack fill and crack seal | Crack fill, crack seal, and level up | Crack fill, crack seal, and level up |
| | | >1/2" or deteriorated | | | Crack fill, crack seal, and level up | Crack fill, crack seal, and level up |
| | | | | | Crack fill, crack seal, and level up | Crack fill, crack seal, and level up |
| | >1 per lane | | Low | | Monitor | Monitor or strip seal |
| | | Mostly tight | | | Monitor | Monitor or strip seal |
| | | · | High | | Monitor | Monitor or strip seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Low | Crack fill, crack seal, and level up | Crack fill, crack seal, and level up | Crack fill, crack seal, level up, and sea |
| | | | Medium | Crack fill, crack seal, and level up | Crack fill, crack seal, and level up | Either crack fill, crack seal, and level u |
| | | | High | Crack fill, crack seal, and level up | Remove, restabilize, and replace, or reconstruction, or District Project Selection | |

Pharr (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatme |
|-----------|-----------------|----------------------|---------------|---------|----------------|---------------------------------|----------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | <u> </u> | Low | F | Blade level | Blade level | Level up and strip sea |
| | | | | S | Blade level | Blade level | Level up and strip sea |
| | | | Medium | F | Blade level | Mill and monitor | Mill, seal, and monitor |
| | | 0.5" to 1" (Shallow) | | S | Blade level | Blade level | Blade level |
| | | | High | F | Blade level | Mill and monitor | Mill, seal, and monitor |
| | | | | S | Blade level | Blade level | Blade level |
| | | | Low | F | Blade level | Blade level | Blade level |
| | | | | S | Blade level | Blade level | Blade level |
| | | | Medium | F | Blade level | Mill and replace | District Project Selection |
| | | > 1* (Deep) | | s | Blade level | Mill and replace or blade level | District Project Selection |
| | | | High | F | Blade level | Mill and replace | District Project Selection |
| | | | | S | Blade level | Mill and replace or blade level | District Project Selection |
| | Both Wheelpaths | | Low | F | Blade level | Blade level | Level up and strip seal |
| | | | | S | Blade level | Blade level | Level up and strip sea |
| | | | Medium | F | Blade level | Mill and monitor | Mill, seal, and monitor |
| | | 0.5" to 1" (Shallow) | | S | Blade level | Blade level | Blade level |
| | | | High | F | Blade level | Mill and monitor | Mill, seal, and monitor |
| | | | | s | Blade level | Blade level | Blade level |
| | | | Low | F | Blade level | Blade level | Blade level |
| | | | | S | Blade level | Blade level | Blade level |
| | | | Medium | F | Blade level | Mill and replace | District Project Selection |
| | | > 1" (Deep) | | S | Blade level | Mill and replace or blade level | District Project Selection |
| | | | High | F | Biade level | Mill and replace | District Project Selection |
| | | | | s | Blade level | Mill and replace or blade level | District Project Selection |

Pharr (Cont)

| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------------|---------------|-----------------------------|--|---|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Strip seal | Spot squeegee and seal coat | Spot squeegee and seal coat |
| Cracking | | Minor | Medium | Strip seal | Spot squeegee and seal coat | Spot squeegee and seal coat |
| | | | High | Strip seal | Spot squeegee and seal coat | Spot squeegee and seal coat |
| | | | Low | Spot squeegee and seal coat | Spot squeegee and seal coat | Spot squeegee and seat coat |
| | | Major | Medium | Mill and replace | District Project Selection or Mill and replace | Mill and replace |
| | | | High | Mill and replace | District Project Selection or Mill and replace | Mill and replace |
| | Both Wheelp | Wheelpaths Low | | Strip seal | Spot squeegee and seal coat | Spot squeegee and seal coat |
| | | Minor | Medium | Strip seal | Spot squeegee and seal coat | Spot squeegee and seal coat |
| | | | High | Strip seal | Spot squeegee and seal coat | Spot squeegee and seal coat |
| | | | Low | Spot squeegee and seal coat | Spot squeegee and seal coat | Spot squeegee and seal coat |
| | | Major | Medium | Mill and replace | District Project Selection or Mill and replace | District Project Selection or Mill and replac |
| | | | High | Mill and replace | District Project Selection or Mill and replace | District Project Selection or Mill and replac |

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|---------------|---------------------|---------------------------------------|---------------------------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor or level up | Monitor | Monitor |
| Roughness | Some Roughness | Medium | Blade level up | Blade level up | Blade level up |
| | | High | Blade level up | Blade level up | Blade level up |
| | | Low | Blade level up | Blade level up | Blade level up |
| | Rough | Medium | Blade level up | Call District Office or Forensic Team | Call District Office or Forensic Team |
| | | High | Blade level up | Call District Office or Forensic Team | Call District Office or Forensic Team |

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|-------------|---------------|--------------------------------------|---------------------------------------|--|
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Remove and replace | Remove and replace | Remove and replace |
| | Few | Medium | Spot Bomag, restabilize, and replace | Spot Bornag, restabilize, and replace | Spot Bornag, restabilize, and replace |
| | | High | Spot Bomag, restabilize, and replace | Spot Bornag, restabilize, and replace | Spot Bornag, restabilize, and replace |
| | | Low | Bomag, restabilize, and replace | Bomag, restabilize, and replace | Bornag, restabilize, and replace |
| | Many | Medium | Bomag, restabilize, and replace | Bomag, restabilize, and replace | District Project Selection or Mill and replace |
| | | High | Bomag, restabilize, and replace | Bomag, restabilize, and replace | District Project Selection or Mill and replace |

Chano Falcon John Solis Emilio Vela Carlos Ruiz

San Angelo

| Predominan | 1 Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-----------|-----------------------|---------------|----------------------|--|--------------------------------|
| Distress | Spacing | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor or fog seal |
| | | | High | Monitor | Monitor or fog seal | Fog seal and monitor |
| | | | Low | Strip seal | Fog seal | Fog seal |
| | | Open, < 1/2* | Medium | Strip seal | Fog seal or seal coat | Seal coat |
| | | | High | Strip seal | Seal coat | Seal coat |
| | | | Low | Patch | Seal coat | Seal coat |
| | | >1/2" or deteriorated | Medium | Patch | Crack seal | Seal coat |
| | | | High | Patch | Seal coat | Bandaid fabric strip and overl |
| | | | Low | Cut out and patch | Patch | Patch |
| | | Cupped or Tented | Medium | Patch | Patch | Patch |
| - | | | High | Patch | Patch | Bandaid fabric strip and overt |
| | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor or fog seal | Monitor or fog seal |
| | | | Low | Strip seal | Strip seal | Patch |
| | | Open, < 1/2* | Medium | Strip seal | Patch | Patch |
| | | | High | Patch | Patch | Patch |
| | | | Low | Patch | Patch and seal coat | Program for rehabilitation |
| | | >1/2" or deteriorated | Medium | Patch | Patch and seal coat | Program for rehabilitation |
| | | | High | Patch | Patch and seal coat | Program for rehabilitation |
| | | | Low | Patch and crack seal | Patch and seal coat | Program for rehabilitation |
| | | Cupped or Tented | Medium | Patch and crack seal | Patch and seal coat | Program for rehabilitation |
| | | | High | Patch and crack seal | Patch and seal coat | Program for rehabilitation |
| | <15' | | Low | Patch | Seal coat | Seal coat and monitor |
| | | Mostly tight | Medium | Patch | Seal coat | Seal coat and monitor |
| | | | High | Patch | Seai coat | Seal coat and monitor |
| | | | Low | Patch | Geotextile or microsurface | Rehabilitation |
| | | Open, < 1/2" | Medium | Patch | Geotextile or microsurface | Rehabilitation |
| | | | High | Patch | Geotextile or microsurface | Rehabilitation |
| | | | Low | Patch | Geotextile or microsurface | Rehabilitation |
| | | >1/2" or deteriorated | Medium | Patch | Geotextile or microsurface | Rehabilitation |
| | | | High | Patch | Geotextile or microsurface | Rehabilitation |
| | | | - | Patch | Seal coat to hold together, but should try to fix before 2 - 3 years | Reconstruct |
| | | Cupped or Tented | 1 | Patch | Seal coat to hold together, but should try to fix before 2 - 3 years | |
| | | | | Patch | Seal coat to hold together, but should try to fix before 2 - 3 years | |

San Angelo (Cont)

| | Crack Spacing | · | Traffic Level | Action if Only | Short-term Repair | Long-term Treatmen |
|----------|---------------|-----------------------|---------------|----------------------|------------------------|------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| • | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Manitor | Monitor | Monitor |
| | | | Low | Strip seal | Strip seal | Strip seal |
| | | Open, < 1/2* | Medium | Strip seal | Strip seal | Strip seal |
| | | | High | Crack seal | Grack seal | Seal coat |
| | | | Low | Strip seal | Seal coat | Geotextile and overlag |
| | | >1/2" or deteriorated | Medium | Seal coat | Crack seal | Geotextile and overlag |
| | | | High | Patch | Geotextile and overlay | Rehabilitation |
| | 1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Strip seal | Strip seal | Strip seal |
| | | Open, < 1/2" | Medium | Seal coat | Seal coat | Seal coat |
| | | | High | Patch | Geotextile and overlay | Rehabilitation |
| | | | Low | Patch and crack seal | Seal coat | Microsurface |
| | | >1/2" or deteriorated | Medium | Patch and crack seal | Microsurface | Geotextile and overlay |
| | | | High | Patch | Geotextile and overlay | Rehabilitation |
| | >1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | | Patch | Seal coat | Seal coat |
| | | Open, < 1/2* | | Patch | Seal coat | Seal coat |
| | | | | Patch | Geotextile and overlay | Rehabilitation |
| | | >1/2" or deteriorated | | Patch | Microsurface | Rehabilitation |
| | | | | Patch | Microsurface | Rehabilitation |
| | | | | Patch | Geotextile and overlay | Rehabilitation |

San Angelo (Cont)

| Predominar | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|------------|------------|----------------------|---------------|---------|----------------|-------------------|---|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpat | h | Low | F | Fill rut | Mill | Seal coat - Grade 3 |
| | | | | s | Monitor | Monitor | CMHB overlay |
| | | | Medium | F | Fill rut | Mill | CMHB overlay |
| | | 0.5" to 1* (Shallow) | | S | Monitor | Monitor | CMHB overlay |
| | | | High | F | Mill | Mill | Rehabilitate |
| | | | | s | Mill | Monitor | If intersection, use PCC, otherwise rehabilita |
| | | | Low | F | Patch | Microsurface | Microsurface |
| | | | | s | Fill rut | Microsurface | Microsurface |
| | | | Medium | F | Patch | Microsurface | CMHB overlay |
| | | > 1* (Deep) | | s | Patch | Microsurface | CMHB overlay |
| | | | High | F | Patch | Microsurface | CMHB overlay |
| | | | - | S | Patch | Microsurface | CMHB overlay |
| | Both Wheel | paths | Low | F | Fill rut | Patch | Seal coat - Grade 3 |
| | | | | s | Monitor | Monitor | CMHB overlay |
| | | | Medium | F | Fill rut | Patch | CMHB overlay |
| | | 0.5" to 1" (Shallow) | | s | Monitor | Monitor | CMHB overlay |
| | | | High | F | Mill | Patch | Rehabilitate |
| | | | _ | s | Mill | Monitor | If intersection, use PCC, otherwise rehabilitat |
| | | | Low | F | Patch | Rehabilitate | Rehabilitate |
| | | _ | | s | Patch | Rehabilitate | Rehabilitate |
| | | - | Medium | F | Patch | Rehabilitate | Rehabilitate |
| | | > 1" (Deep) | | s | Patch | Rehabilitate | Rehabilitate |
| | | • | High | F | Patch | Rehabilitate | Rehabilitate |
| | | | - | s | Patch | Rehabilitate | Rehabilitate |

San Angelo (Cont)

| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------|---------------|----------------|-------------------|------------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Monitor | Strip seal | Seal coat |
| Cracking | | Minor | Medium | Strip seal | Strip seal | Seal coat |
| | | | High | Strip seal | Strip seal | Seal coat |
| | | | Low | Patch | Seal coat | Seal coat |
| | | Major | Medium | Patch | Seal coat | Geotextile and overlay |
| | | | High | Patch | Seal coat | Mill and overlay |
| | Both Wheelp | aths | Low | Monitor | Strip seal | Seal coat |
| | | Minor | Medium | Strip seal | Strip seal | Seal coat |
| | | | High | Strip seal | Strip seal | Seal coat |
| | | | Low | Patch | Seal coat | Seal coat |
| | | Major | Medium | Patch | Seal coat | Geotextile and overlay |
| | | | High | Patch | Seal coat | Mill and overlay |

| Predominant | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|---------------|------------------|-------------------|--|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor | Monitor | Rehabilitate |
| Roughness | Some Roughness | Medium | Monitor | Monitor | Rehabilitate |
| | | High | Monitor | Monitor | Rehabilitate |
| | | Low | Mill and overlay | Monitor | Rehabilitate |
| | Rough | Medium | Mill and overlay | Monitor | Rehabilitate |
| | | High | Mill and overlay | Monitor | Rehabilitate |
| | | | | | |
| Predominant | 1 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Patch | Patch | Mill and overlay, if ravelling use a seal coat |
| | Few | Medium | Patch | Patch | Mill and overlay, if ravelling use a seal coat |
| | | High | Patch | Patch | Mill and overlay, if ravelling use a seal coat |
| | | Low | Patch | Patch | Mill and overlay, if ravelling use a seal coat |
| | Many | Medium | Patch | Patch | Mill and overlay, if ravelling use a seal coat |
| | | High | Patch | Patch | Mill and overlay, if ravelling use a seal coat |

Rudy Herman

San Antonio

| Predominan Distress | | Severity | Traffic Level or Importance | Action if Only Localized | Short-term Repair 1-2 Years | Long-term Treatment 3+ Years |
|------------------------|-----------|---|--------------------------------|---|---|---|
| ransverse | >40' | Obventy | Low | Monitor | Monitor | Monitor |
| racking | | Mostly tight | Medium | Monitor | Monitor until sealing nearby, then crack seal | Monitor until sealing nearby, then crack se |
| | | | High | Monitor | Monitor until sealing nearby, then crack seal | Monitor until sealing nearby, then crack se |
| | | | Low | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | | | High | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | | | Low | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | | >1/2* or | Medium | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | | deteriorated | High | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | | | Low | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | | Cupped or | Medium | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | | Tented | High | Monitor until sealing nearby, then crack seal | Crack seal | Crack seal |
| | 15' - 40' | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | > 1/2 ° or deteriorated Cupped or Tented | Medium | Crack seal | Crack seal | Crack seal and monitor |
| | | | High | Crack seal | Crack seal | Crack seal and monitor |
| | | | Low | Crack seal, maybe blade patch | Crack seal | Crack seal, maybe blade patch |
| | | | Medium | Crack seal | Crack seal | Mill and seal coat or mill and crack seal |
| | | | High | Crack seal | Crack seal | Mill and seal coat or mill and crack seal |
| | <15' | | Low | Spot seal or monitor | Plan seal coat | Seal coat |
| | | Mostly tight | Medium | Either spot seal or monitor | Either plan seal coat or monitor | Either seal coat or monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Crack seal | Crack seal | Crack seal and plan seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal and overlay or rubber seal |
| | | | High | Crack seal | Crack seal | Crack seal and seal coat, plan overlay |
| | | | Low | Crack seal | Crack seal | Plan major rehabilitation |
| | | >1/2" or | Medium | Crack seal | Crack seal | Plan major rehabilitation |
| | | deteriorated | High | Crack seal | Crack seal | Plan major rehabilitation |
| | | | Low | Blade patch | Spot seal | Bomag and reconstruct |
| | | Cupped or | Medium | Mill and replace | Mill and replace | Mill and replace |
| | | Tented | High | Mill and replace | Mill and replace | Mill and replace |

San Antonio (Cont)

| Predominant | Crack Spacing | 3 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|---------------|-----------------------|---------------|-----------------------|------------------------------|--|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| ongitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Crack seal or monitor | Crack seal or monitor | Crack seal or monitor |
| | | | High | Crack seal or monitor | Crack seal | Crack seal |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2* | Medium | Crack seal or monitor | Crack seal or monitor | Crack seal or monitor |
| | | | High | Crack seal or monitor | Crack seal | Crack seal |
| | | | Low | Monitor | Monitor | Monitor |
| | | >1/2" or deteriorated | Medium | Crack seal or monitor | Crack seal or monitor | Crack seal or monitor |
| | | | High | Crack seal or monitor | Crack seal | Crack seal |
| | 1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Monitor | Monitor | Monitor |
| | | Open, < 1/2* | Medium | Crack seal or monitor | Crack seat or monitor | Crack seal or monitor |
| | | | High | Crack seal or monitor | Crack seal | Crack seal |
| | | | Low | Monitor | Monitor | Monitor |
| | | >1/2" or deteriorated | Medium | Crack seal or monitor | Crack seal or monitor | Crack seal or monitor |
| | | | High | Crack seal or monitor | Crack seal | Crack seal |
| | >1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor | Monitor | Monitor |
| | | | High | Monitor | Monitor | Monitor |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | >1/2" or deteriorated | Low | Crack seal | Spot or strip seal | Seal coat |
| | | | Medium | Crack seal | Mill and replace worst areas | Plan rehabilitation or mill, seal coat, and over |
| | | | High | Crack seal | Mill and replace worst areas | Plan rehabilitation or mill, seal coat, and over |

San Antonio (Cont)

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| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|-----------------|---------------|---------|--------------------------------------|-------------------|--------------------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 1 | Low | F | Monitor | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Monitor | Monitor | Mill or level up |
| | | 0.5" to 1" | 1 | S | Monitor | Monitor | Mill or level up |
| | | (Shallow) | High | F | Monitor | Mill or level up | Mill or level up |
| | | | | s | Monitor | Mill or level up | Mill or level up |
| | | | Low | F | Blade patch | Monitor | Monitor or plan level up and seal co |
| | | | | S | Blade patch | Monitor | Monitor or plan level up and seal co |
| | | | Medium | F | Blade patch | Mill | Monitor or plan level up and seal co |
| | | > 1* (Deep) | | S | Blade patch | Mill | Monitor or plan level up and seal co |
| | | | High | F | Blade patch or strip seal | Mill | Mill or level up and overlay |
| | | | | S | Blade patch or strip seal | Mill | Mill or level up and overlay |
| | Both Wheelp | Both Wheelpaths | | F | Monitor | Monitor | Monitor or plan level up and seal co |
| | | | | S | Monitor | Monitor | Monitor or plan level up and seal co |
| | | | Medium | F | Monitor | Monitor | Monitor or plan level up and seal co |
| | | 0.5* to 1 | | 5 | Monitor | Monitor | Monitor or plan level up and seal co |
| | | (Shallow) | High | F | Mill | Mill | Mill |
| | | | | s | Mill | Mill | Mill |
| | | | Low | F | Monitor | Monitor | Monitor or plan level up and seal co |
| | | | | s | Monitor | Monitor | Monitor or plan level up and seal co |
| | | | Medium | F | Mill, seal coat, and overlay or mill | Mill | Mill, seal coat, and overlay or mill |
| | | > 1* (Deep) | | s | Mill, seal coat, and overlay or mill | Mill | Mill, seal coat, and overlay or mill |
| | | | High | F | Mill, seal coat, and overlay or mill | Mill | Mill, seal coat, and overlay or mill |
| | | | - | s | Mill, seal coat, and overlay or mill | Mill | Mill, seal coat, and overlay or mill |

San Antonio Cont)

| Predomina | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------|---------------|------------------|---------------------|--------------------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Spot base repair | Seal coat and hope | Seal coat and hope |
| Cracking | | Minor | Medium | Spot base repair | Plan rehabilitation | Plan rehabilitation |
| | | | High | Spot base repair | Plan rehabilitation | Plan rehabilitation |
| | | | Low | Spot base repair | Seal coat and hope | Spot base repair and seal coat |
| | | Major | Medium | Spot base repair | Plan rehabilitation | Plan rehabilitation |
| | | | High | Spot base repair | Plan rehabilitation | Plan rehabilitation |
| | Both Wheelp | aths | Low | Spot base repair | Seal coat and hope | Seal coat and hope |
| | | Minor | Medium | Spot base repair | Plan rehabilitation | Plan rehabilitation |
| | | | High | Spot base repair | Plan rehabilitation | Plan rehabilitation |
| | | | Low | Spot base repair | Seal coat and hope | Spot base repair and seal coat |
| | | Major | Medium | Spot base repair | Plan rehabilitation | Plan rehabilitation |
| | | | High | Spot base repair | Plan rehabilitation | Plan rehabilitation |

| Predominan | l . | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|----------------|---------------|------------------------|------------------------|---|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor | Monitor | Monitor |
| Roughness | Some Roughness | Medium | Monitor | Monitor | Monitor |
| | | High | Blade patch or monitor | Blade patch or monitor | Blade patch or monitor |
| | | Low | Blade level up | Blade level up | Blade level up |
| | Rough | Medium | Blade level up | Blade level up | Blade level up |
| | | High | Blade level up | Blade level up | Blade level up or blade level and overlay |

| Predomina | Predominant | | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|---------------|--------------------------------|--------------------------------|------------------------------------|
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Spot base repair or fill holes | Spot base repair or fill holes | Fill holes and plan rehabilitation |
| | Few | Medium | Spot base repair or fill holes | Spot base repair or fill holes | Fill holes and plan rehabilitation |
| | | High | Spot base repair or fill holes | Spot base repair or fill holes | Fill holes and plan rehabilitation |
| | | Low | Spot base repair or fill holes | Spot base repair or fill holes | Fill holes and plan rehabilitation |
| | Many | Medium | Spot base repair or fill holes | Spot base repair or fill holes | Fill holes and plan rehabilitation |
| | | High | Spot base repair or fill holes | Spot base repair or fill holes | Fill holes and plan rehabilitation |

Patrick Downey Watkins Romer

Tyler

| Predominan | | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-----------|--------------|---------------|--------------------------------------|--|--|
| listress | | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| ransverse | >40' | | Low | Strip seal | Plan seal coat | Plan seal coat |
| racking | | Mostly tight | Medium | Strip seal | Plan seal coat | Plan seal coat |
| | | | High | Strip seal | Plan seal coat, except Interstate | Plan seal coat, except interstate |
| | | | Low | Crack seal | Crack seal, plan seal coat | Crack seal, plan seal coat |
| | | Open, < 1/2* | | Crack seal | Crack seal, plan seal coat | Crack seal, plan seal coat |
| | | | High | Crack seal | Crack seal, plan seal coat | Crack seal, plan seal coat, except interstate |
| | | | Low | | | Fill cracks with patch material if wide, patc |
| | | | | wide, patch bad areas | patch bad areas | bad areas |
| | | >1/2" or | Medium | | | Fill cracks with patch material if wide, patc |
| | | deteriorated | | wide, patch bad areas | patch bad areas | bad areas |
| | | | High | | | Fill cracks with patch material if wide, patc |
| | | | | wide, patch bad areas | patch bad areas | bad areas |
| | | | Low | | | If tented, mill (or just shave) tops of cracks |
| | | | | of cracks, patch if cupped | cracks, patch if cupped | patch if cupped |
| | | Cupped or | Medium | | | If tented, mill (or just shave) tops of cracks |
| 15 | | Tented | | of cracks, patch if cupped | cracks, patch if cupped | patch if cupped |
| | | | High | | | If tented, mill (or just shave) tops of crack |
| | | | | of cracks, patch if cupped | cracks, patch if cupped | patch if cupped |
| | 15' - 40' | | Low | Strip seal | Plan seal coat | Plan seal coat |
| | | Mostly tight | Medium | Strip seal | Plan seal coat | Plan seal coat |
| | | | High | Strip seal | Plan seal coat, except interstate | Plan seal coat, except interstate |
| | | | | Crack seal | Crack seal, plan seal coat | Crack seal, plan seal coat |
| | | Open, < 1/2* | | Crack seal | | Crack seal, plan seal coat |
| | | | High | Crack seal | | Crack seal, plan seal coat, except interstate |
| | | | Low | Fill cracks with patch material if | Fill cracks with patch material if wide, | Fill cracks with patch material if wide, patc |
| | | | | wide, patch bad areas | patch bad areas | bad areas |
| | | >1/2" or | Medium | Fill cracks with patch material if | Fill cracks with patch material if wide, | Fill cracks with patch material if wide, patch |
| | | deteniorated | | wide, patch bad areas | patch bad areas | bad areas |
| | | | High | Fill cracks with patch material if | Fill cracks with patch material if wide, | Fill cracks with patch material if wide, patc |
| | | | | wide, patch bad areas | patch bad areas | bad areas |
| | | | Low | If tented, mill (or just shave) tops | If tented, mill (or just shave) tops of | If tented, mill (or just shave) tops of cracks |
| | | | | of cracks, patch if cupped | cracks, patch if cupped | patch if cupped |
| | | Cupped or | Medium | If tented, mill (or just shave) tops | If tented, mill (or just shave) tops of | If tented, mill (or just shave) tops of cracks |
| | | Tented | | of cracks, patch if cupped | cracks, patch if cupped | patch if cupped |
| | | | High | If tented, mill (or just shave) tops | If tented, mill (or just shave) tops of | If tented, mill (or just shave) tops of cracks |
| | | | | of cracks, patch if cupped | cracks, patch if cupped | patch if cupped |
| | <15' | | Low | Strip seal | | Plan seal coat |
| | | Mostly tight | Medium | Strip seal | Plan seal coat | Plan seal coat |
| | | | High | Strip seal | Plan seal coat, except interstate | Plan seal coat, except Interstate |
| | | | | | | Crack seal, plan seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal, plan seal coat | Crack seal, plan seal coat |
| | | | | | | Crack seal, plan seal coat, except interstate |
| | | | | STUCK SOUT | view acai, plan acai coat | Staun sear, plan sear coat, except interstate |

Tyler (Cont)

| | | -) | | | |
|--------------|--------|-------------------------------|-------------------------------|-------------------------------|--|
| | Low | Blade patch | Blade patch | Blade patch | |
| >1/2" or | Medium | Blade patch or mill and inlay | Blade patch or mill and inlay | Blade patch or mill and inlay | |
| deteriorated | High | Mill and inlay | Milt and inlay | Mill and inlay | |
| | Low | Blade patch | Blade patch | Blade patch | |
| Cupped or | Medium | Blade patch or mill and inlay | Blade patch or mill and inlay | Blade patch or mill and inlay | |
| Tented | High | Mill and inlay | Mill and inlay | Mill and inlay | |

| Iominant 1 | Crack Spacing | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|---------------|--------------|---------------|--|--|---|
| | | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| | >Lane Width | | | Observe and repair if condition deteriorates | Observe and repair if condition deteriorates | Observe and repair if condition deteriorates |
| cking | | Mostly tight | | Observe and repair if condition detenorates | Observe and repair if condition detenorates | Observe and repair if condition deteriorates |
| | | | | Observe and repair if condition deteriorates | Observe and repair if condition deteriorates | Observe and repair if condition deteriorates |
| | | | | | Crack seal. If faulted, consider level up, but | |
| | | | | | investigate slope stability | investigate slope stability |
| | | Open, < 1/2* | | | Crack seal. If faulted, consider level up, but | |
| | | | | | investigate slope stability | investigate slope stability |
| | | | | | Crack seal. If faulted, consider level up, but | |
| | - | | | | investigate slope stability | investigate slope stability |
| | | | | Fill cracks with patch material if wide. If faulted, | | Fill cracks with patch material if wide. If fau |
| | | | | | consider level up, but investigate slope stability | |
| | | >1/2* or | | Fill cracks with patch material if wide. If faulted, | | Fill cracks with patch material if wide. If fat |
| | | deteriorated | | | consider level up, but investigate slope stability | |
| | | | | | Fill cracks with patch material if wide. If faulted, | |
| - | | | | | | consider level up, but investigate slope stat |
| | 1 per lane | | | | Strip seal and observe | Strip seal and observe |
| | | Mostly tight | | | Strip seal and observe | Strip seal and observe |
| | | | | | Strip seal and observe | Strip seal and observe |
| | | | | | Crack seal and plan seal coat. If faulted, | |
| | | | | | consider level up, but investigate slope stability | |
| | | Open, < 1/2* | Medium | Crack seal and plan seal coat. If faulted, | Crack seal and plan seal coat. If faulted, | Crack seal and plan seal coat. If fai |
| | | | | consider level up, but investigate slope stability | consider level up, but investigate slope stability | consider level up, but investigate slope sta |
| | | | High | Crack seal and plan seal coat. If faulted, | Crack seal and plan seal coat. If faulted, | Crack seal and plan seal coat. If fai |
| | _ | | | consider level up, but investigate slope stability | consider level up, but investigate slope stability | consider level up, but investigate slope sta |
| | | | Low | Blade patch. If faulted, consider level up, but | Blade patch. If faulted, consider level up, but | Blade patch. If faulted, consider level up |
| | | | 1 | investigate slope stability | investigate slope stability | investigate slope stability |
| | | >1/2* or | Medium | Either blade patch or mill and inlay. If faulted, | Either blade patch or mill and inlay. If faulted, | Either blade patch or mill and inlay. If fa |
| | | deteriorated | 1 | consider level up, but investigate slope stability | consider level up, but investigate slope stability | consider level up, but investigate slope sta |
| | | | High | Mill and inlay. If faulted, consider level up, but | Mill and inlay. If faulted, consider level up, but | Mill and inlay. If faulted, consider level up |
| | | | | investigate slope stability | investigate slope stability | investigate slope stability |
| > | 1 per lane | | Low | Strip seal and observe | Strip seal and observe | Strip seal and observe |
| | 1 | Mostly tight | Medium | Strip seal and observe | Strip seal and observe | Strip seal and observe |
| | | | | | Strip seal and observe | Strip seal and observe |
Tyler (Cont)

Low Open, < 1/2" Medium High >1/2" or Low deteriorated Medium

High

Crack seal and plan seal coat. If faulted, consider level up, but investigate slope stability consider level up, but investigate slope stability crack seal and plan seal coat. If faulted, crack seal search and the plan search and

investigate slope stability

investigate slope stability

Crack seat and plan seal coat. If faulted, Crack seal and plan seal coat. If faulted, Crack seal and plan seal coat. If faulted, consider level up, but investigate slope stability crack seal and plan seal coat. If faulted, Crack seal and plan seal coat.

consider level up, but investigate slope stability consider level up, but investigate slope stability fill and inlay. If faulted, consider level up, but investigate slope stability Mill and inlay. If faulted, consider level up, but Mill and inlay. If faulted, consider level up, but investigate slope stability

| Predomina | int | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------------------|---------------|---------|--------------------------------------|--------------------------------------|--------------------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | l | Low | F | Blade patch | Blade patch | Blade patch |
| | | | | S | Blade patch | Blade patch | Blade patch |
| | | | Medium | F | Mill and inlay | Mill and inlay or microsurface | Milt and inlay or microsurface |
| | | 0.5" to 1" (Shallow) | | S | Mill and inlay | Mill and inlay or microsurface | Mill and inlay or microsurface |
| | | | High | F | Mill and inlay | Mill and inlay or microsurface | Mill and inlay or microsurface |
| | | | | s | Mill and inlay | Mill and inlay or microsurface | Mill and inlay or microsurface |
| | | | Low | F | Blade patch | Blade patch | Blade patch |
| | | | | S | Blade patch | Blade patch | Blade patch |
| | | | Medium | F | Either blade patch or mill and intay | Either blade patch or mill and inlay | Either blade patch or mill and inlay |
| | | > 1* (Deep) | | S | Either blade patch or mill and inlay | Either blade patch or mill and inlay | Either blade patch or mill and inlay |
| | | | High | F | Mill and inlay | Mill and inlay | Mill and inlay |
| | | - | | s | Mill and inlay | Mill and inlay | Mill and inlay |
| | Both Wheelp | aths | Low | F | Blade patch | Blade patch | Blade patch |
| | | | | S | Blade patch | Blade patch | Blade patch |
| | | | Medium | F | Mill and inlay | Mill and inlay or microsurface | Mill and inlay or microsurface |
| | | 0.5" to 1" (Shallow) | | s | Mill and inlay | Mill and inlay or microsurface | Mill and inlay or microsurface |
| | | | High | F | Mill and inlay | Mill and inlay or microsurface | Mill and inlay or microsurface |
| | | | | S | Mill and inlay | Mill and inlay or microsurface | Mill and inlay or microsurface |
| | | | Low | F | blade patch | Blade patch | Blade patch |
| | | | | s | Blade patch | Blade patch | Blade patch |
| | | | Medium | F | Either blade patch or mill and inlay | Either blade patch or mill and inlay | Either blade patch or mill and inlay |
| | | > 1" (Deep) | | s | Either blade patch or mill and inlay | Either blade patch or mill and inlay | Either blade patch or mill and inlay |
| | | | High | F | Mill and inlay | Mill and inlay | Mill and inlay |
| | | | - | s | Mill and inlay | Mill and inlay | Mill and inlay |

Tyler (Cont)

| Predominan | t | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-------------|----------|---------------|------------------|---|---|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Spot reconstruct | Seal coat (grade 3), may follow with grade 4 if cracks reflect through | Seal coat (grade 3), may follow with grade 4 if cracks reflect through |
| Cracking | | Minor | Medium | Spot reconstruct | Seal coat (grade 3), may follow with grade 4 if cracks reflect through | Seal coat (grade 3), may follow with grade 4 if cracks reflect through |
| | | | High | Spot reconstruct | Mill and inlay | Mill and inlay |
| | | | Low | | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bomag and reconstruct | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct |
| | | Major | Medium | | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bomag and reconstruct | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct |
| | | | High | | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct |
| | Both Wheelp | paths | Low | Spot reconstruct | Seal coat (grade 3), may follow with grade 4 if cracks reflect through | Seal coat (grade 3), may follow with grade 4 if cracks reflect through |
| | | Minor | Medium | Spot reconstruct | Seal coat (grade 3), may follow with grade 4 if cracks reflect through | Seal coat (grade 3), may follow with grade 4 if cracks reflect through |
| | | | High | Spot reconstruct | Mill and inlay | Mill and inlay |
| | | | Low | | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct |
| | | Major | Medium | | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct |
| | | | High | | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seal coat pavement, Bornag and reconstruct | Check integrity of base layers. If OK, mill and inlay, if not reconstruct. If seaf coat pavement, Bornag and reconstruct |

| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|---------------|--------------------------|--|-------------------------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Level up | Level up | Level up |
| Roughness | Some Roughness | Medium | Level up | Level up | Level up |
| | | High | Level up | Level up | Level up |
| | | Low | Level up | Mill and inlay, if seal coat Bornag | Mill and inlay, if seal coat Bornag |
| | Rough | Medium | Level up | Mill and inlay, if seal coat Bomag | Mill and inlay, if seal coat Bomag |
| | - | High | Level up | Mill and inlay, if seal coat Bomag | Mill and inlay, if seal coat Bomag |
| | | | | | |
| Predominant | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| | | Low | Spot patch | Spot patch | Spot patch |
| ⊢aiiures | | | | | |
| Failures | Few | Medium | Spot patch | Spot patch | Spot patch |
| -ailures | | | Spot patch Spot patch | | Spot patch Spot patch |
| -ailures | | High | | Spot patch | |
| | | High | Spot patch | Spot patch Mill and inlay, if seal coat Bomag | Spot patch |

| Predominant | t Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatmen |
|-------------|-----------|-----------------------|---------------|-----------------------|--|-------------------------------|
| Distress | Spacing |) Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Transverse | >40' | | Low | Monitor | Monitor | Crack seal or seal coat |
| Cracking | | Mostly tight | Medium | Crack seal | Crack seal or seal coat | Seal coat and overlay |
| | | | High | Crack seal | Seal coat and overlay | Seal coat and overlay |
| | | - | Low | Crack seal or monitor | Monitor | Seal coat |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Seal coat |
| | | | High | Crack seal | Seal coat and overlay | Seal coat and overlay |
| | | | Low | Crack seal or monitor | Seal coat | Seal coat or seal coat and c |
| | | >1/2" or deteriorated | Medium | Crack seal | Seal coat and overlay | Seal coat and overlay |
| | | | High | Patch and crack seal | Seal coat and overlay | Seal coat and overlay |
| | | | Low | Monitor | Monitor | Patch and seal coat |
| | | Cupped or Tented | Medium | Patch and crack seal | Patch and seal coat | Patch, seal coat, and overla |
| | | | High | Patch and crack seal | Patch, seal coat, and overlay or patch and cape seal | Patch, seal coat, and overla |
| | 15' - 40' | | Low | Monitor | Monitor | Seal coat |
| | | Mostly tight | Medium | Monitor | Crack seal | Crack seal or seal coat and |
| | | | High | Patch and crack seal | Seal coat and overlay | Crack seal or seal coat and |
| | | | Low | Monitor | Seal coat | Seal coat and overlay |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal or seal coat | Seal coat and overlay |
| | | | High | Patch and crack seal | Seal coat and overlay | Seal coat and overlay |
| | | | Low | Patch and crack seal | Patch and crack sea! | Patch, seal coat, and overla |
| | | >1/2* or deteriorated | Medium | Patch and crack seal | Patch and crack seal | Patch, seal coat, and overla |
| | | | High | Patch and crack seal | Seal coat and overlay | Patch, seal coat, and overta |
| | | | Low | Patch and crack seal | Patch and seal coat | Patch, seal coat, and overta |
| | | Cupped or Tented | Medium | Patch and crack seal | Patch and seal coat | Patch, seal coat, and overla |
| | | | High | Patch and crack seal | Seal coat and overlay | Patch, seal coat, and overlag |
| | <15' | | Low | Seal coat | Seal coat | Seal coat and overlay |
| | | Mostly tight | Medium | Seal coat | Seal coat | Seal coat and overlay |
| | | | High | Patch and seal coat | Seal coat and overlay | Seal coat and overlay |
| | | | Low | Patch and seal coat | Patch, seal coat and overlay | Patch, seal coat, and overta |
| | | Open, < 1/2* | Medium | Patch and seal coat | Patch, seal coat, and overlay | Reconstruct |
| | | | High | Patch and crack seal | Patch, seal coat, and overlay | Reconstruct |
| | | | Low | Patch and seal cost | Patch, seal coat and overlay | Reconstruct |
| | | >1/2" or deteriorated | Medium | Reconstruct | Reconstruct | Reconstruct |
| | | | High | Reconstruct | Reconstruct | Reconstruct |
| | | | Low | Patch and crack seal | Patch, seal coat, and overlay | Reconstruct |
| | | Cupped or Tented | Medium | Patch and crack seal | Patch, seal coat, and overlay | Reconstruct |
| | | | High | Patch and crack seal | Patch, seal coat, and overlay | Reconstruct |

Waco (Cont)

| Predominar | nt Crack Spacing | 1 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|------------------|-----------------------|---------------|-------------------------------|--|------------------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudina | I >Lane Width | | Low | Monitor | Monitor | Seal coat |
| Cracking | | Mostly tight | Medium | Monitor | Crack seal or strip seal | Seal coat and overlay |
| | | | High | Crack seal or seal coat | Crack seal or seal coat | Seal coat and overlay |
| | | | Low | Monitor | Patch and seal coat or crack seal | Seal coat and overlay |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal or seal coat | Seal coat and overlay |
| | | | High | Crack seal | Seal coat | Seal coat and overlay |
| | | | Low | Crack seal or seal coat | Crack seal or seal coat | Crack seal or seal coat and overla |
| | | >1/2" or deteriorated | Medium | Crack seal | Crack seal or seal coat | Seal coat and overlay |
| | | | High | Patch and crack seal | Crack seal or seal coat | Seal coat and overlay |
| | t per lane | | Low | Crack seal | Strip seal | Crack seal or seal coat |
| | | Mostly tight | Medium | Crack seal or seal coat | Crack seal or seal coat | Seal coat or overlay |
| | | | High | Crack seal or seal coat | Seal coat and overlay or cape seal | Seal coat and overlay |
| | | | Low | Crack seal or seal coat | Crack seal or seal coat | Seal coat |
| | | Open, < 1/2* | Medium | Creck seal or seal coat | Crack seal or seal coat | Seal coat and overlay |
| | | | High | Crack seal or seal coat | Seal coat and overlay or cape seal | Seal coat and overlay |
| | | | Low | Patch and seal coat | Patch and seal coat | Patch, seal coat, and overlay |
| | | >1/2* or deteriorated | Medium | Patch and seal coat | Patch and seal coat or patch, seal coat, and overlay | Patch, seal coat, and overlay |
| | | | High | Patch and seal coat | Patch, seal coat, and overlay | Mill and overlay |
| | >1 per lane | | Low | Seal coat | Seal coat | Seal coat and overlay |
| | | Mostly tight | Medium | Seal coat | Seal coat and overlay | Seal coat and thick overlay |
| | | | High | Seal coat | Seal coat and overlay | Seal coat and thick overlay |
| | | | Low | Patch and seal coat | Patch and seal coat | Rehabilitate |
| | | Open, < 1/2" | Medium | Patch and seal coat | Seal coat and overlay | Rehabilitate |
| | | | High | Seal coat and overlay | Seal coat and overlay | Rehabilitate |
| | | >1/2" or deteriorated | Low | Patch, seal coat, and overlay | Rehabilitate | Reconstruct |
| | | | Medium | Reconstruct | Reconstruct | Reconstruct |
| | | | High | Reconstruct | Reconstruct | Reconstruct |

Waco (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|----------------------|---------------|---------|-------------------|-------------------------------|---|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | i | Low | F | Fill rut | Fill rut | Fill rut and seal coat |
| | | | | S | Monitor | Monitor | Fill rut and seal coat |
| | | | Medium | F | Fill rut | Fill rut | Fill rut and overlay |
| | | 0.5" to 1" (Shallow) | | S | Monitor | Fill rut | Fill rut and overlay |
| | | | High | F | Fill rut | Fill rut and seal coat | Fill rut and overlay |
| | | | | S | Fill rut | Fill rut and seal coat | Fill rut and overlay |
| | | | Low | F | Fill rut | Fill rut and seal coat | Fill rut and seal coat |
| | | | | S | Monitor | Fill rut | Fill rut |
| | | | Medium | F | Mill and fill rut | Fill rut and seal coat | Mill and overlay |
| | | > 1* (Deep) | | S | Mill and fill rut | Fill rut and seal coat | Mill and overlay |
| | | | High | F | Mill and fill rut | Fill rut and overlay | Mill and overlay |
| | | | | S | Mill and fill rut | Fill rut and overlay | Mill and overlay |
| | Both Wheelp | aths | Low | F | Fill rut | Fill rut and seal coat | Fill rut and seal coat or mill and seal co. |
| | | | | S | Monitor | Seal coat | Fill rut and seal coat or mill and seal co |
| | | | Medium | F | Fill rut | Fill rut and overlay | Mill and overlay |
| | | 0.5" to 1" (Shallow) | | S | Fill rut | Fill rut and seal coat | Mill and overlay |
| | | | High | F | Fill rut | Mill and overlay | Mill and overlay |
| | | | | S | Fill rut | Fill rut and overlay | Mill and overlay |
| | | | Low | F | Fili rut | Mill and seal coat or overlay | Rehabilitate |
| | | | | S | Fill rut | Mill and seal coat | Rehabilitate |
| | | | Medium | F | Patch | Mill and overlay | Rehabilitate or reconstruct |
| | | > 1* (Deep) | | s | Patch | Mill and overlay | Rehabilitate |
| | | | High | F | Patch | Rehabilitate | Reconstruct |
| | | | | s | Patch | Rehabilitate | Reconstruct |

Waco (Cont)

| edominar | nt | | ٦ | Traffic Level | | Action if Only | | Short-term Re | pair | Long-term Treatmen | nt |
|----------|---------|----------|--------------------|---------------|-------|---------------------|--------------|-----------------------|------------|---------------------------|-------|
| stress | # Lan | es | Severity of | or importance | | Localized | | 1-2 Years | | 3+ Years | |
| ligator | 1 Whe | elpath | | Low | Moni | tor | | Patch | | Patch | |
| acking | | | Minor | Medium | Skin | patch or strip sea | at | Patch and strip seal | | Patch and seal coat | |
| | | | | High | Skin | patch | | Patch, seal coat, and | overlay | Patch, seal coat, and ove | erlay |
| | | | | Low | Skin | patch | | Patch and seal coat | | Patch, seal coat, and ove | ərlay |
| | | | Major | Medium | Skin | patch | | Deep patch and strip | seal | Deep patch and overlay | |
| | | | | High | Deep | patch | | Deep patch and over | lay | Deep patch and overlay | |
| | Both V | Vheelp | aths | Low | Moni | tor | | Patch | | Patch | |
| | | | Minor | Medium | Skin | patch | | Patch and strip seal | | Patch and seal coat | |
| | | | | High | Patc | 1 | | Patch, seal coat, and | overlay | Patch, seal coat, and ove | erlay |
| | | | | Low | Patch | ר | | Patch and seal coat | | Patch, seal coat, and ove | ərlay |
| | | | Major | Medium | Patch | า | | Deep patch and strip | seal | Deep patch and overlay | |
| | | | | High | Deep | patch | | Deep patch and over | lay | Deep patch and overlay | |
| | ominant | | | Traffic Lev | | Action if Only | | Short-term Repair | Lo | ng-term Treatment | |
| Distr | | Sever | ity | or Importar | ice | Localized | | 1-2 Years | | 3+ Years | |
| Swel | | 0 | Developer | Low | | Monitor | | vel up | | and seal coat | |
| HOU | ghness | Some | a Roughness Medium | | | | | vel up and seal coat | | seal coat, and overlay | |
| | | | | High | | Level up Monitor | 1 | vel up and overlay | | seal coat, and overlay | |
| | | Rougt | _ | Low Medium | | Level up | | vel up and seal coat | · · | and seal coat | |
| | | Houge | 1 | | | · · | | vel up and overlay | | seal coat, and overlay | |
| | | | | High | | Level up | Le | rel up and overlay | Level up, | seal coat, and overlay | |
| | | | | | | | | | | | |
| Pred | ominant | | | Traffic Leve | əł | Only | Sh | ort-term Repair | Lo | ng-term Treatment | |
| Distr | ess | Few o | r Many | or Importar | ce | Localized | 1-2 | Years | | 3+ Years | |
| Failu | res | | | Low | | Patch | Pa | ch | Patch and | d seal coat | |
| | | Few | | Medium | | Patch | Pat | ch and seal coat | Patch and | d overlay | |
| | | | | High | | Patch | Mit | and overlay | Mill and c | overtay | |
| | | | | Low | | Patch | Mil | and overlay | Rehabilit | ate | |
| | | Many | | Medium | | Patch | Mil | and overlay | Reconstr | uct | |
| | | | | High | | Patch | Re | habilitate | Reconstr | uct | |

Wichita Falls

| Predominant | | C | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment 3+ Years |
|-------------|-----------|--------------|---------------|--|--|--|
| listress | | Severity | or Importance | Localized | 1-2 Years | |
| ransverse | >40' | | Low | Monitor | Monitor | Monitor |
| racking | | Mostly tight | Medium | Monitor | | Crack seal and strip seal |
| | | | High | Monitor | | Crack seal and strip seal |
| | | | | Monitor and crack seal if nearby | Crack seal | Crack seal |
| | | Open, < 1/2* | | Crack seal | Crack seal | Crack seal |
| | | | | Crack seal | Crack seal | Crack seal |
| | | | | Monitor and crack fill and crack seal if | Crack fill and crack seal | Crack fill and crack seal |
| | | >1/2* or | | nearby | | |
| | | deteriorated | Medium | Crack fill and crack seal | Crack fill and crack seal | Crack fill and crack seal |
| | | | High | Crack fill and crack seal | Crack fill and crack seal | Crack fill and crack seal |
| | | | Low | Monitor or blade tops of cracks and level | Blade tops of crecks and level up | Blade tops of cracks and level up |
| | | Cupped or | | up if working nearby | | |
| | | Tented | Medium | | Transverse mill, crack fill and crack seal | Transverse mill, crack fill and crack seal |
| | | | Hìgh | Transverse mill, crack fill and crack seal | Transverse mill, crack fill and crack seal | Transverse mill, crack fill and crack seal |
| | 15' - 40' | | Low | Monitor | Monitor or special crews seal coat | State funds seal coat |
| | | Mostly tight | Medium | Strip seal or crack seal if working nearby | Plan seal coat | Plan seal coat |
| | | | High | Strip seal or crack seal if working nearby | Plan seal coat | Plan seal coat |
| | | •••• | | Monitor and crack seal if nearby | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal and plan rehabilitation |
| | | • • | High | Crack seal | Crack seal | Crack seal and plan rehabilitation |
| | | | | Crack fill and crack seal | Crack fill and crack seal | Crack fill and crack seal |
| | | >1/2" or | Medium | Crack fill and crack seal | | Crack fill and level up or core and plan m |
| | | deteriorated | | | | rehabilitation |
| | | | High | Crack fill and crack seal | Crack fill and crack seal | Core and plan major rehabilitation |
| | | | | Blade level up | Blade level if plan is to seal coat, blade top | |
| | | Cupped or | | Sitter of the second seco | of cracks if plan is to rebuild or resurface | |
| | | Tented | Medium | Biade level up | | Mill surface, crack seal, and overlay |
| | | | High | Blade level up | Mill, crack seal, and seal coat | Mill surface, crack seal, and overlay |
| | <15 | | Low | Monitor | Monitor or special crews seal coat | State funds seal coat |
| | | Mostly tight | Medium | Strip seal or crack seal if working nearby | Plan seal coat | Plan seal coat |
| | | • + | High | Strip seal or crack seal if working nearby | Plan seal coat | Plan seat coat |
| | | | | Monitor and crack seal if nearby | Crack seal | Crack seal |
| | | Open, < 1/2" | | Crack seal | Crack seal | Crack seal and plan rehabilitation |
| | | | High | Crack seal | | Crack seal and plan rehabilitation |
| | | | | Crack fill and crack seal | | Crack fill and crack seal |
| | | >1/2* or | | Crack fill and crack seal | | Crack fill and level up or core and plan m |
| | | deteriorated | | | | rehabilitation |
| | | | High | Crack fill and crack seal | Crack fill and crack seal | Core and plan major rehabilitation |
| | | | Low | Blade level up | Blade level if plan is to seal coat, blade top | Plan rehabilitation |
| | | Cupped or | | | of cracks if plan is to rebuild or resurface | |
| | | Tented | Medium | | | Mill surface, crack seal, and overlay |
| | | | L Stanles | Diada (mus) un | Add and and and and | |
| | | | High | Blade level up | Mill, crack seal, and seal coat | Mill surface, crack seal, and overlay |

Wichita Falls (Cont)

| Predominant | Crack Spacing | 1 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|--------------|---------------|--|--|---|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Monitor |
| Cracking | | Mostly tight | Medium | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | | High | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | | Low | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor and crack seal and level up if working nearby | Crack seal and level up | Crack seal and level up |
| | | >1/2" or | Medium | Crack seal and level up | Crack seal and level up | Crack seal, level up, and plan rehabilitation |
| | | deteriorated | High | Crack seal and level up | Crack seal and level up | Crack seal, level up, and plan rehabilitation |
| | 1 per lane | | Low | Monitor | Monitar | Monitor |
| | M | Mostly tight | Medium | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | | High | Monitor and crack seal if working nearby | Crack seat | Crack seal |
| | | Open, < 1/2* | Low | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Monitor and crack seal and level up if working nearby | Crack seal and level up | Crack seal and level up |
| | | >1/2° or | Medium | Crack seal and level up | Crack seal and level up | Crack seal, level up, and plan rehabilitation |
| | | detenorated | High | Crack seal and level up | Crack seal and level up | Crack seal, level up, and plan rehabilitation |
| | >1 per lane | | Low | Monitor | Monitor | Monitor |
| | | Mostly tight | Medium | Monitor and crack seal if working nearby | Monitor and crack seal if working nearby | Monitor and crack seal if working nearby |
| | | | High | Monitor and crack seal if working nearby | Monitor and crack seal if working nearby | Monitor and crack seal if working nearby |
| | | | Low | Monitor and crack seal if working nearby | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | >1/2" or | Low | Blade level up | Blade level up | Plan rehabilitation |
| | | deteriorated | Medium | Mill and replace | Crack seal and level up | Core and plan rehabilitation |
| | | | High | Mill and replace | Crack seal and level up | Core and plan rehabilitation |

Wichita Falls (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|-------------|---------------|---------|-------------------------------|----------------------------------|--|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 1 | Low | F | Monitor | Monitor | Monitor and blade patch bad areas |
| | | | | S | Monitor | Monitor | Monitor and blade patch bad areas |
| | | | Medium | F | Blade tops and blade level up | Mill and maybe seal coat | Core and monitor or remove, restabilize, and repl |
| | | 0.5" to 1" | | s | Blade tops and blade level up | Mill and seal coat | Core and monitor or remove, restabilize, and repl |
| | | (Shallow) | High | F | Blade tops and blade level up | Mill and maybe seal coat | Core and monitor or remove, restabilize, and repl. |
| | | | | s | Blade tops and blade level up | Mill and seal coat | Core and monitor or remove, restabilize, and repl. |
| | | | Low | F | Dig out and replace | Remove, restabilize, and reptace | Remove, restabilize, and replace |
| | | | | S | Blade level up | Remove, restabilize, and replace | Remove, restabilize, and replace |
| | | | Medium | F | Mill and level up | Mill and level up | Core, mill, and overlay |
| | | > 1* (Deep) | | S | Blade level up | Mill and level up | Core, mill, and overlay |
| | | | High | F | Mill and level up | Mill and level up | Core, mill, and overlay |
| | | | | S | Blade level up | Mill and level up | Core, mill, and overlay |
| | Both Wheelp | aths | Low | F | Blade patch bad areas | Blade patch bad areas | Plan overlay, blade patch bad areas |
| | | | | s | Blade patch bad areas | Blade patch bad areas | Plan overlay, blade patch bad areas |
| | | | Medium | F | Blade tops and blade level up | Mill and maybe seal coat | Core and monitor or remove, restabilize, and repl |
| | | 0.5" to 1" | | s | Blade tops and blade level up | Mill and seal coat | Core and monitor or remove, restabilize, and repl |
| | | (Shallow) | High | F | Blade tops and blade level up | Mill and maybe seal coat | Core and monitor or remove, restabilize, and repl |
| | | | | s | Blade tops and blade level up | Mill and seal coat | Core and monitor or remove, restabilize, and repl |
| | | | Low | F | Dig out and replace | Remove, restabilize, and replace | Remove, restabilize, and replace |
| | | | | s | Blade level up | Remove, restabilize, and replace | Remove, restabilize, and replace |
| | | | Medium | F | Mill and level up | Mill and level up | Core, mill, and overlay |
| | | > 1" (Deep) | | s | Blade level up | Mill and level up | Core, mill, and overlay |
| | | | High | F | Mill and level up | Mill and level up | Core, mill, and overlay |
| | | | | s | Blade level up | Mill and level up | Core, mill, and overlay |

Wichita Falls (Cont)

| Predominar | nt | ٦ | Frattic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|-------------|-------------|---------------|---------------------------------------|-------------------|------------------------------------|
| Distress | # Lanes | Severity of | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheeipath | · | Low | Monitor or fog seal if working nearby | Fog seal | Seal coat |
| Cracking | | Minor | Medium | Strip seal | Strip seal | Strip seal and plan rehabilitation |
| | | | High | Strip seal | Strip seat | Strip seal and plan rehabilitation |
| | | | Low | Strip seal | Strip seal | Strip seal and plan rehabilitation |
| | | Major | Medium | Strip seal | Strip seal | Strip seal and plan rehabilitation |
| | | | High | Strip seal | Strip seal | Strip seal and plan rehabilitation |
| | Both Wheelp | aths | Low | Monitor or fog seal if working nearby | Fog seal | Seal coat |
| | | Minor | Medium | Strip seal | Strip seal | Strip seal and plan rehabilitation |
| | | | High | Strip seal | Strip seal | Strip seal and plan rehabilitation |
| | | | Low | Strip seal | Strip seal | Strip seal and plan rehabilitation |
| | | Major | Medium | Strip seal | Strip seal | Strip seal and plan rehabilitation |
| | | | High | Strip seal | Strip seal | Strip seal and plan rehabilitation |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|------------|----------------|---------------|---------------------------|---------------------------|--|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor or blade level up | Monitor or blade level up | Monitor or blade level up |
| Roughness | Some Roughness | Medium | Level up | Level up | Maybe level up and plan rehabilitation |
| | | High | Level up | Level up | Level up and plan rehabilitation |
| | | Low | Maybe blade level up | Maybe blade level up | Maybe blade level up |
| | Rough | Medium | Level up | Level up | Level up and overlay |
| | | High | Level up | Level up | Level up and overlay |
| | | | | | |
| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Dig out and replace | Dig out and replace | Dig out and replace |
| | Few | Medium | Dig out and replace | Dig out and replace | Dig out, replace, and overlay |
| | | High | Dig out and replace | Dig out and replace | Dig out, replace, and overlay |
| | | Low | Dig out and replace | Dig out and replace | Plan rehabilitation |
| | Many | Medium | Dig out and replace | Dig out and replace | Plan rehabilitation |
| | | High | Dig out and replace | Dig out and replace | Plan rehabilitation |

Brady Woolsey Tim Hertel

Yoakum

| Predominant | Crack | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|---|--------------------------|---------------|---|--|---|
| Distress | Spacing | Severity | or importance | Localized | 1-2 Years | 3+ Years |
| ransverse | >40' | | Low | Monitor | Monitor | Seal coat on normal schedule |
| racking | | Mostly tight | Medium | Monitor | Monitor | Seal coat on normal schedule |
| | | | High | Monitor | Monitor | Seal coat on normal schedule |
| | | | Low | Monitor | Monitor | Seal coat on normal schedule |
| | tress Spacing Severity or Importance Localized insverse >40' Low Monitor icking Mostly tight Medium Monitor Mostly tight Medium Monitor High Monitor Open, < 1/2" | Open, < 1/2" | Medium | Monitor | Crack seal | Crack seal and seal coat on normal schedule |
| | | Monitor | Crack seal | Crack seal and seal coat on normal schedule | | |
| | | | Low | Monitor | Monitor | Seal coat on normal schedule |
| | | >1/2" or | Medium | Fill cracks | Fill cracks | Seal coat on normal schedule |
| | | deteriorated | High | Fill cracks | Fill cracks | Fill cracks |
| | | | Low | Monitor | Monitor | Seal coat on normal schedule |
| 15' - 4 | | Cupped or | Medium | Blade mill and maybe spot seal | Blade mill and maybe spot seal | Mill and maybe spot seal |
| | | Tented | High | Blade mill and maybe spot seal | Blade mill and maybe spot seal | Mill and maybe spot seal |
| | 15' - 40' | | Low | Monitor | Monitor | Seal coat on normal schedule |
| | | Mostly tight | Medium | Monitor | Monitor | Seal coat on normal schedule |
| | | | High | Monitor | Monitor | Seal coat on normal schedule |
| | | | Low | Monitor | Monitor | Seal coat on normal schedule |
| | | Open, < 1/2" | Medium | Spot seal | Crack seal | Crack seal and seal coat on normal schedule |
| | | | | - | Crack seal | Crack seal and seal coat on normal schedule |
| | | | - | Fill cracks | Monitor | Seal coat on normal schedule |
| | | >1/2" or | | | Fill cracks | Crack fill (cold mix) abd rubberized seal coat |
| | | deteriorated | Hiah | Fill cracks | Fill cracks | . , |
| | | | - | | | Seal coat on normal schedule |
| | | Cupped or | | | | Mill cracks and overlay |
| | | | | | | |
| | <15' | | ÷ | | | |
| | | Mostly tight | | | | |
| | | , g | | | | |
| | | | | • | | |
| | | | | | | otherwise seal with state forces |
| | | Open, < 1/2 [∞] | Medium | Crack seal | Crack sea! | Crack seal and seal coat on normal schedule if seal planned in less |
| | | | | - | - · · | |
| | | | High I | Crack seal | Crack seal Crack seal and seal coat on normal schedule Monitor Seal coat on normal schedule Fill cracks Seal coat on normal schedule Monitor Seal coat on normal schedule Monitor Seal coat on normal schedule e spot seal Blade mill and maybe spot seal Monitor Seal coat on normal schedule Crack seal Crack seal and seal coat on normal schedule Crack seal Crack seal and seal coat on normal schedule Monitor Seal coat on normal schedule Fill cracks Crack fill (cold mix) abd rubberized seal coat Fill cracks Crack fill (cold mix) abd rubberized seal coat Monitor Seal coat on normal schedule Monitor Seal coat on normal schedule Monitor | |
| | | | Low | Monitor Monitor Seal coat on normal schedule Monitor Monitor Seal coat on normal schedule Monitor Crack seal Crack seal and seal coat on normal schedule Monitor Crack seal Crack seal and seal coat on normal schedule Monitor Monitor Seal coat on normal schedule Monitor Monitor Seal coat on normal schedule Fill cracks Fill cracks Seal coat on normal schedule Fill cracks Fill cracks Seal coat on normal schedule Monitor Monitor Seal coat on normal schedule Blade mill and maybe spot seal Blade mill and maybe spot seal Mill and maybe spot seal Monitor Monitor Monitor Seal coat on normal schedule Monitor Monitor Seal coat on normal schedule Monitor Monitor Seal coat on normal schedule | | |
| | | >1/2" or | | • | | |
| | | | - | | coat | |
| | | | High | Crack fill (cold mix) and rubber seal coat | · · | Crack fill (cold mix) abd rubberized seal coat |

Yoakum (Cont)

| Cupped or | Medium | Crack seal Blade mill and spot sea Blade mill and spot sea | | Blade mill and seal co Mill cracks and rubbe Mill cracks and rubbe | r seal coat Mill cracks | |
|--------------|--------------|--|---------------|--|------------------------------|------------------------------|
| Predominant | Crack Spacir | ıg | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Monitor | Monitor | Seal coat on normal schedule |
| Cracking | | Mostly tight | Medium | Monitor | Monitor | Seal coat on normal schedule |
| | | | High | Monitor | Monitor | Seal coat on normal schedule |
| | | | Low | Monitor | Monitor | Seal coat on normal schedule |
| | | Open, < 1/2" | Medium | Strip seal | Strip seal | Strip seal |
| | | | High | Strip seal | Strip seal | Strip seal |
| | | | Low | Crack fill and level up | Crack fill and level up | Crack fill and level up |
| | | >1/2" or deteriorated | Medium | Crack fill and level up | Crack fill and level up | Crack fill and level up |
| | | | High | Crack fill and level up | Crack fill and level up | Crack fill and level up |
| | 1 per lane | | Low | Monitor | Monitor | Seal coat on normal schedule |
| | | Mostly tight | Medium | Monitor | Monitor | Seal coat on normal schedule |
| | | | High | Monitor | Monitor | Seal coat on normal schedule |
| | | | Low | Monitor | Strip seal | Strip seal |
| | | Open, < 1/2* | Medium | Spot seal | Crack seal | Crack seal |
| | | | High | Spot seal | Crack seal | Crack seal |
| | | | Low | Crack fill and level up | Crack fill and level up | Crack fill and level up |
| | | >1/2* or deteriorated | Medium | Crack fill and level up | Crack fill and level up | Crack fill and level up |
| | | | High | Crack fill and level up | Crack fill and level up | Crack fill and level up |
| | >1 per lane | | Low | Monitor | Monitor | Seal coat on normal schedule |
| | | Mostly tight | Medium | Monitor | Seal coat on normal schedule | Seal coat on normal schedule |
| | | | High | Monitor | Seal coat on normal schedule | Seal coat on normal schedule |
| | | | Low | Spot seal | Reconstruct | Reconstruct |
| | | Open, < 1/2" | Medium | Spot repair | Reconstruct | Reconstruct |
| | | | High | Spot repair | Reconstruct | Reconstruct |
| | | >1/2" or deteriorated | Low | Spot seal | Reconstruct | Reconstruct |
| | | | Medium | Spot repair | Reconstruct | Reconstruct |
| | | | High | Spot repair | Reconstruct | Reconstruct |

Yoakum (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatmen |
|-----------|-------------|----------------------|---------------|---------|----------------|-------------------|-------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | 1 | Low | F | Blade level up | Blade level up | Blade level up |
| | | | | S | Biade level up | Blade level up | Monitor |
| | | | Medium | F | Blade level up | Blade level up | Blade level up |
| | | 0.5" to 1" (Shallow) | | S | Blade level up | Blade level up | Blade level up |
| | | | High | F | Blade level up | Blade level up | Blade level up |
| | | | | S | Blade level up | Blade level up | Blade level up |
| | | | Low | F | Blade level up | Blade level up | Blade level up |
| | | | | S | Blade level up | Blade level up | Blade level up |
| | | | Medium | F | Blade level up | Blade level up | Bomag and replace |
| | | > 1* (Deep) | | S | Blade level up | Blade level up | Blade level up |
| | | | High | F | Blade level up | Blade level up | Bomag and replace |
| | | | | S | Blade level up | Blade level up | Blade level up |
| | Both Wheelp | paths | Low | F | Blade level up | Blade level up | Blade level up |
| | | | | S | Blade level up | Blade level up | Blade level up |
| | | | Medium | ۴ | Blade level up | Blade løvel up | Blade level up |
| | | 0.5" to 1" (Shallow) | | S | Blade level up | Blade level up | Blade level up |
| | | | High | F | Blade level up | Blade level up | Blade level up |
| | | | | S | Blade level up | Blade level up | Blade level up |
| | | | Low | F | Blade level up | Blade level up | Bomag and replace |
| | | | | s | Blade level up | Blade level up | Blade level up |
| | | | Medium | F | Blade level up | Blade level up | Blade level up and over |
| | | > 1" (Deep) | | s | Blade level up | Blade level up | Blade level up and over |
| | | | High | F | Blade level up | Blade level up | Blade level up and over |
| | | | | s | Blade level up | Blade level up | Blade level up and over |

Yoakum (Cont)

| Predominal | nt | | Traffic Level | Action if Only | Short-term Repair | Long-term Treatmen |
|------------|-------------|----------|---------------|--------------------|--------------------|--------------------|
| Distress | # Lanes | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Alligator | 1 Wheelpath | | Low | Strip seal | Strip seal | Strip seal |
| Cracking | | Minor | Medium | Strip seal | Strip seal | Strip seal |
| | | | High | Strip seal | Strip seal | Strip seal |
| | | | Low | Strip seal | Strip seal | Strip seal |
| | | Major | Medium | Remove and replace | Bornag and replace | Bornag and replace |
| | | | High | Remove and replace | Bomag and replace | Bornag and replace |
| | Both Wheelp | aths | Low | Strip seal | Strip seal | Strip seal |
| | | Minor | Medium | Strip seal | Strip seal | Strip seal |
| | | | High | Strip seal | Strip seal | Strip seal |
| | | | Low | Strip seal | Strip seal | Strip seal |
| | | Major | Medium | Remove and replace | Bomag and replace | Bomag and replace |
| | | | High | Remove and replace | Bomag and replace | Bomag and replace |

| Predominan | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|-------------|----------------|----------------|--------------------|-------------------|----------------------------|
| Distress | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Swell/ | | Low | Monitor | Monitor | Monitor |
| Roughness | Some Roughness | Medium | Blade patch | Blade level up | Blade level up and overlay |
| | | High | Blade patch | Blade level up | Blade level up and overlay |
| | | Low | Blade patch | Blade patch | Blade patch |
| | Rough | Medium | Blade patch | Blade level up | Blade level up and overtay |
| | | High | Blade patch | Blade level up | Blade level up and overlay |
| | | | | | _ |
| Predominani | t | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
| Distress | Few or Many | or Importance. | Localized | 1-2 Years | 3+ Years |
| Failures | | Low | Remove and replace | Spot repair | Spot repair |
| | Few | Medium | Remove and replace | Spot repair | Spot repair |
| | | High | Remove and replace | Spot repair | Spot repair |
| | | Low | Remove and replace | Bomag and replace | Bomag and replace |
| | Many | Medium | Remove and replace | Reconstruct | Fleconstruct |
| | | High | Remove and replace | Reconstruct | Reconstruct |

Carl O'Neill Gerald Freytag

Airports

| | | Countie | Traffic Level or Importance | Action if Only Localized | Short-term Repair 1-2 Years | Long-term Treatment 3+ Years |
|------------------------|---|--------------|--------------------------------|------------------------------------|--|--|
| Transverse Cracking | >40' | Seventy | Low | Monitor | Monitor | Crack seal |
| | - 10 | Mostly tight | Medium | Monitor | Monitor | Crack seal |
| | | | High | Monitor | Monitor | Crack seal or Slurry seal |
| | Spacing Severity >40' Mostly tight Open, < 1/2" > 1 / 2 " o deteriorated Cupped o Tented 15' - 40' Mostly tight Open, < 1/2" > 1 / 2 " o deteriorated Cupped o Tented Cupped o Tented | Low | Monitor | Crack seal | Crack seal | |
| | | Open, < 1/2" | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal or seal coat or slurry seal |
| | | | Low | Crack seal | Onitor Crack seal ponitor Crack seal or Slurry seal ack seal Crack seal ack seal or crack fill Crack seal ack seal or crack fill Crack fill or seal coat ack seal or cracks or crack fill Blade tops of cracks or ade tops of cracks or crack fill Blade tops of cracks or g seal Fog seal g seal Fog seal g seal Seal coat or slurry seal ack seal or crack fill and seal coat Crack seal or crack fill ack seal or crack fill and seal coat Crack seal or crack fill ack seal or crack fill and seal coat or cape seal Crack seal or crack fill ack seal or crack fill and seal coat or cape seal Crack seal or crack fill <td>Crack seal</td> | Crack seal |
| | | | Medium | Crack seal or crack fill | Crack seal or crack fill | Crack fill |
| | | deteriorated | High | Crack seal or crack fill | Crack seal or crack fill | Crack fill or seal coat |
| | | | Low | Crack seal | Crack fill | Crack fill |
| | | Cupped or | Medium | Blade tops of cracks or crack fill | Blade tops of cracks or crack fill | Blade tops of cracks or crack fill and seal coa |
| | | Tented | High | Blade tops of cracks or crack fill | Blade tops of cracks or crack fill | Blade tops of cracks or crack fill and seal coa |
| | | | Low | Monitor | Fog seal | Fog seal |
| | | Mostly tight | Medium | Crack seal | Fog seal | Fog seal or slurry seal |
| | | | High | Crack seal | Fog seal or slurry seal | Fog seal or slurry seal |
| | | | Low | Crack seal | Crack seal | Seal coat or slurry seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Seal coat or slurry seal |
| | | | High | Crack seal | Crack seal | Seal coat or slurry seal |
| | | | Low | Crack seal | Crack seal or crack fill and seal coat | Crack seal or crack fill and seal coat |
| | | • • • • • | Medium | Crack seal or crack fill | Crack seal or crack fill and seal coat | Crack seat or crack fill and seal coat |
| | | deteriorated | High | Crack seal or crack fill | Crack seal or crack fill and seal coat or cape seal | Crack seal or crack fill and seal coat or cape s |
| | | | Low | Crack seal | Crack fill | Mill and seal coat |
| | | Cupped or | Medium | Blade tops of cracks or crack fill | Blade tops of cracks or crack fill | Mill and overlay |
| | | Tented | High | Blade tops of cracks or crack fill | Blade tops of cracks or crack fill | Mill and overlay or reconstruct |
| | <15' | | Low | Monitor | Seal coat | Seal coat |
| | | Mostly tight | Medium | Crack seal | Seal coat or slurry seal | Seal coat or slurry seal |
| | | | High | Crack seal | Seal coat or slurry seal | Seal coat or slurry seal or cape seal |
| | | | Low | Crack seal | Seal coat or slurry seal | Seal coat |
| | | Open, < 1/2" | Medium | Crack seal | Seal coat or slurry seal | Seal coat or slurry seal |
| | | | High | Crack seal | Seal coat or slurry seal | Seal coat or slurry seal or cape seal |
| | | · | Low | Crack seal | Crack seal or crack fill and seal coat | Mill and seal coat |
| | | >1/2" or | Medium | Crack seal or crack fill | Crack seal or crack fill and seal coat | Mill and overlay |
| | | deteriorated | High | Crack seal or crack fill | Crack seal or crack fill and seal coat or cape seal | Mill and overlay or reconstruct |

Airports (Cont)

| | | Low | Crack seal | Mill and seal coat | Mill and seal coat |
|--------|----|--------|------------------------------------|---------------------------------|---------------------------------|
| | or | Medium | Blade tops of cracks or crack fill | Mill and overlay | Mill and overlay |
| Tented | | High | Blade tops of cracks or crack fill | Mill and overlay or reconstruct | Mill and overlay or reconstruct |

| Predominant | Crack Spacing | 3 | Traffic Level | Action if Only | Short-term Repair | Long-term Treatment |
|--------------|---------------|--------------|---------------|----------------|--------------------------|--------------------------|
| Distress | (Across) | Severity | or Importance | Localized | 1-2 Years | 3+ Years |
| Longitudinal | >Lane Width | | Low | Crack seal | Crack seal | Crack seal |
| Cracking | | Mostly tight | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack seal | Crack seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Crack seal |
| | | | High | Crack seal | Crack seal | Crack seal |
| | | | Low | Crack seal | Crack fill | Crack fill |
| | | >1/2" or | Medium | Crack fill | Crack fill | Crack fill |
| | | deteriorated | High | Crack fill | Crack fill | Crack fill |
| | 1 per lane | | Low | Crack seal | Crack seal | Seal coat or slurry seal |
| | | Mostly tight | Medium | Crack seal | Crack seal | Seal coat or slurry seal |
| | | | High | Crack seal | Crack seat | Seal coat or slurry seal |
| | | | Low | Crack seal | Crack seal | Seal coat or slurry seal |
| | | Open, < 1/2* | Medium | Crack seal | Crack seal | Seal coat or slurry seal |
| | | | High | Crack seal | Crack seal | Seal coat or slurry seal |
| | | | Low | Crack seal | Crack fill | Seal coat or cape seal |
| | | >1/2* or | Medium | Crack fill | Crack fill | Seal coat or cape seal |
| | | deteriorated | High | Crack fill | Crack fill | Seal coat or cape seal |
| | >1 per lane | | Low | Crack seal | Seal coat | Seal coat or slumy seal |
| | | Mostly tight | Medium | Crack seal | Seal coat | Seal coat or slurry seal |
| | | | High | Crack seal | Seal coat | Seal coat or slurry seal |
| | | | Low | Crack seal | Seal coat | Seal coat or slurry seal |
| | | Open, < 1/2* | Medium | Crack seal | Seal coat | Seal coat or slurry seal |
| | | | High | Crack seal | Seal coat | Seal coat or slurry seal |
| | | >1/2" or | Low | Crack seal | Seal coat or reconstruct | Seal coat or reconstruct |
| | | deteriorated | Medium | Crack seal | Seal coat or reconstruct | Seal coat or reconstruct |
| | | | High | Crack seal | Bomag and overlay | Seal coat or reconstruct |

Airports (Cont)

| Predomina | nt | | Traffic Level | Fast or | Action if Only | Short-term Repair | Long-term Treatment |
|-----------|-------------|---|---------------|---------|-------------------|-------------------|---------------------------------|
| Distress | # Lanes | Severity | or Importance | Slow | Localized | 1-2 Years | 3+ Years |
| Rutting | 1 Wheelpath | I Contraction of the second | Low | F | Monitor | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Monitor | Monitor | Monitor |
| | | 0.5" to 1" (Shallow) | | S | Monitor | Monitor | Monitor |
| | | | High | F | Skin patch | Skin patch | Skin patch or microsurfacing |
| | | | | S | Skin patch | Skin patch | Skin patch or microsurfacing |
| | | | Low | F | Skin patch | Skin patch | Skin patch |
| | | | | s | Skin patch | Skin patch | Skin patch |
| | | | Medium | F | Skin patch | Skin patch | Skin patch or microsurfacing |
| | | > 1* (Deep) | | s | Skin patch | Skin patch | Skin patch or microsurfacing |
| | | | High | F | Dig out and patch | Dig out and patch | Microsurfacing or dig out and p |
| | | | | S | Skin patch | Skin patch | Microsurfacing or dig out and p |
| | Both Wheelp | aths | Low | F | Monitor | Monitor | Monitor |
| | | | | S | Monitor | Monitor | Monitor |
| | | | Medium | F | Monitor | Monitor | Skin patch |
| | | 0.5" to 1" (Shallow) | | S | Monitor | Monitor | Skin patch |
| | | | High | F | Skin patch | Skin patch | Skin patch or microsurfacing |
| | | | | S | Skin patch | Skin patch | Skin patch or microsurfacing |
| | | | Low | F | Skin patch | Skin patch | Skin patch |
| | | | | s | Skin patch | Skin patch | Skin patch |
| | | | Medium | F | Skin patch | Skin patch | Skin patch or microsurfacing |
| | | > 1" (Deep) | | s | Skin patch | Skin patch | Skin patch or microsurfacing |
| | | - | High | F | Dig out and patch | Dig out and patch | Microsurfacing or dig out and p |
| | | | | s | Skin patch | Skin patch | Microsurfacing or dig out and p |

Airports (Cont)

| redominant | | | Traffic Level | Action if Only | | Short-term Repair | r | Long-term Treatmen | |
|-------------|-----------|----------|---------------|------------------------------|------|------------------------------|--------|--------------------------|--|
| istress #l | anes | Severity | or Importance | Localized | | 1-2 Years | | 3+ Years | |
| ligator 1 N | Nheelpath | | Low | Crack seal if sealing near | by | Crack seal if sealing ne | arby | Dig out and patch | |
| racking | | Minor | Medium | Crack seal if sealing nearby | | Crack seal if sealing nearby | | Dig out and patch | |
| | | | High | Crack seal if sealing near | by | Dig out and patch | | Dig out and patch | |
| | | | Low | Crack seal if sealing near | by | Crack seal if sealing ne | arby | Dig out and patch | |
| | | Major | Medium | Dig out and patch | | Dig out and patch | | Dig out and patch | |
| | | | High | Dig out and patch | | Dig out and patch | | Dig out and patch | |
| Bo | th Wheelp | aths | Low | Crack seal if sealing near | by | Crack seal if sealing ne | arby | Dig out and patch | |
| | | Minor | Medium | Dig out and patch | | Dig out and patch | | Dig out and patch | |
| | | | High | Dig out and patch | | Dig out and patch | | Dig out and patch | |
| | | | Low | Dig out and patch | | Dig out and patch | | Dig out and patch | |
| | | Major | Medium | Dig out and patch | | Dig out and patch | | Dig out, patch, and over | |
| | | | High | Dig out and patch | | Dig out and patch | | Dig out, patch, and over | |
| | | | | 1 | 1 | | 1 | 1 | |
| Predominan | - | | Traffic Level | Action if Only | | Short-term Repair | | ong-term Treatment | |
| Distress | Severity | | or Importance | | | 1-2 Years | | 3+ Years | |
| Swell/ | | | Low | Monitor | 1 | nitor | Monit | | |
| Roughness | Some Ro | oughness | | Monitor | | Blade tops and patch | | Blade tops and patch | |
| | | | High | Blade tops and patch | | te tops and patch | | tops and patch | |
| | | | Low | Monitor | Mor | nitor | Monit | | |
| | Rough | | Medium | Blade tops and patch | Blac | le tops and patch | Blade | tops and patch | |
| | | | High | Blade tops and patch | Blac | le tops and patch | Blade | tops and patch | |
| | | | | | , | | | í | |
| Predominan | - | | Traffic Level | Action if Only | | Short-term Repair | L | ong-term Treatment | |
| Distress | Few or N | lany | or Importance | Localized | | 1-2 Years | | 3+ Years | |
| Failures | | | Low | Dig out and patch | Dig | out and patch | Dig o | ut and patch | |
| | Few | | Medium | Dig out and patch | Dig | out and patch | Dig ou | ut and patch | |
| | | | High | Dig out and patch | Dig | out and patch | Dig ou | it, patch, and overlay | |
| | | | Low | Dig out and patch | Dig | out and patch | Dig ou | it and patch | |
| | Many | | Medium | Dig out and patch | Dig | out, patch, and overlay | Dig or | rt, patch, and overlay | |
| | | | High | Dig out and patch | Dig | out, patch, and overlay | Dig ou | ut, patch, and overlay | |

Tom Freeman

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