

PAVEMENT AND SUBSURFACE INVESTIGATION SUMMARY

FAI 55 RUBBLIZING AND RESURFACING
1-55 (FROM I-270 TO IL 4) MADISON COUNTY

CONTRACT 76C93
JOB NO. D-98-038-09

| Station SB | Location | | | | Thickness, in. | | | Subbase Condition | | | Subgrade IBV | | | | | Soil Information | | | | | | | |
|---------------|----------|----|----|----|----------------|------|---------|-------------------|------|------|--------------|-------|--------|--------|--------|------------------|------|------|------|----|----|--------------------|--|
| | DS | DL | PL | PS | AC Overlay | PCC | Subbase | Good | Fair | Poor | 0-6" | 6-12" | 12-18" | 18-24" | 24-30" | Classification | Sand | Silt | Clay | LL | PI | % H ₂ O | |
| 726+60 | | | X | | 7.5 | 10.5 | 3, ROCK | | | X | 10 | 5.5 | 7 | 8.4 | | | | | | | | | |
| 709+00 | | | X | | 6.5 | 11 | 4, ROCK | | X | | 5.5 | 4 | 5.5 | 10 | | | | | | | | | |
| 691+40 | | | X | | 7 | 11 | 4 | | X | | 3 | 5.5 | >10 | >10 | | | | | | | | | |
| 673+80 | | | X | | 7 | 10.5 | 5.5 | | X | | 4 | >10 | | | | | | | | | | | |
| 656+20 | | | X | | 7 | 11 | 5 | | X | | 4 | 7 | | | | | | | | | | | |
| 638+60 | | | X | | 9, BROKEN | 9 | 4 | | X | | 7 | 8.4 | | | | | | | | | | | |
| 621+00 | | | X | | 5.5 | 9 | 5 | | X | | >10 | 10 | | | | | | | | | | | |
| 603+40 | | | X | | 5.5 | 8.5 | 8 | | X | | 7 | 5.5 | | | | | | | | | | | |

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|---------------|----------|----|----|----|----------------|------|----------|-------------------|------|------|--------------|-------|--------|--------|--------|------------------|------|------|------|----|----|--------------------|--|
| | DS | DL | PL | PS | AC Overlay | PCC | Subbase | Good | Fair | Poor | 0-6" | 6-12" | 12-18" | 18-24" | 24-30" | Classification | Sand | Silt | Clay | LL | PI | % H ₂ O | |
| 902+60 | | | X | | 7 | 11 | 3, ROCK | | | X | 4 | >10 | >10 | | | | | | | | | | |
| 885+00 | | | X | | 7 | 11 | 4, ROCK | | X | | 4 | 8.4 | 10 | >10 | | | | | | | | | |
| 867+40 | | | X | | 6.25 | 11 | 2, ROCK | | X | | 10 | >10 | 7 | | | | | | | | | | |
| 849+80 | | | X | | 6 | 11 | 6, ROCK | | X | | 5.5 | 8.4 | 8.4 | >10 | | | | | | | | | |
| 832+20 | | | X | | 3.5 | 12 | 3, ROCK | | X | | 3 | 4 | >10 | >10 | | | | | | | | | |
| 814+60 | | | X | | 3.5 | 12.5 | 3, ROCK | | X | | 1.7 | 4 | 4 | 10 | | | | | | | | | |
| 797+00 | | | X | | 3 | 12 | 6 | | X | | 4 | >10 | 10 | >10 | | | | | | | | | |
| 779+40 | | | X | | 6.5 | 12 | 2, ROCK | | X | | 8.4 | 7 | 5.5 | | | | | | | | | | |
| 761+80 | | | X | | 6.5 | 11.5 | 2, ROCK | | X | | 3 | 3 | 5.5 | 7 | | | | | | | | | |
| 744+20 | | | X | | 3.5 | 10.5 | 3.5, BAM | | X | | 8.4 | >10 | >10 | >10 | | | | | | | | | |

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| Station SB | Location | | | | Thickness, in. | | | Subbase Condition | | | Subgrade IBV | | | | | Soil Information | | | | | | | |
|---------------|----------|----|----|----|----------------|-------|----------------------------|-------------------|------|--------|--------------|-------|--------|--------|-----------------|------------------|------|------|------|----|----|--------------------|--|
| | DS | DL | PL | PS | AC Overlay | PCC | Subbase | Good | Fair | Poor | 0-6" | 6-12" | 12-18" | 18-24" | 24-30" | Classification | Sand | Silt | Clay | LL | PI | % H ₂ O | |
| 1254+60 | | | X | | | | | | | | | | | | | | | | | | | | |
| 1237+00 | | | X | | 5.75 | 10 | 5, ROCK | | X | | >10 | 8.4 | 7 | | | | | | | | | | |
| 1219+40 | | | X | | | | | | | | | | | | | | | | | | | | |
| 1201+80 | | | X | | 3.75 | 10.25 | 3, ASPHALT DRILLED TO BITS | | | | >10 | >10 | 5.5 | | | | | | | | | | |
| 1184+20 | | | X | | | | | | | | | | | | | | | | | | | | |
| 1166+20 | | | X | | 6.75 | 10.25 | 3, ROCK | | | X | 3 | 3 | 5.5 | | BRIDGE 060-0178 | GOSHEN RD. | | | | | | | |
| 1149+00 | | | X | | | | | | | | | | | | | | | | | | | | |
| 1131+40 | | | X | | 6.5 | 10 | 4.5, ROCK | | X | | 4 | 4 | 8.4 | | | | | | | | | | |
| 1113+80 | | | X | | | | | | | | | | | | | | | | | | | | |
| 1096+20 | | | X | | 6.75 | 10.25 | 5 | | X | Frozen | 8.4 | >10 | | | | | | | | | | | |
| 1078+60 | | | X | | 5.5 | 10.25 | 4, ROCK | | X | | 5.5 | >10 | >10 | | | | | | | | | | |
| 1061+00 | | | X | | | | | | | | | | | | | | | | | | | | |
| 1043+40 | | | X | | 7 | 11 | 4 | | X | | 1.7 | 10 | >10 | | | | | | | | | | |
| 1025+80 | | | X | | 7 | 10.5 | 4 | | X | | 5.5 | 8.4 | 8.4 | | | | | | | | | | |
| 1008+20 | | | X | | 6.25 | 10.5 | CRACKED | | X | | 4 | 8.4 | >10 | >10 | | | | | | | | | |
| 990+60 | | | X | | 6.25 | 11 | 4 | | X | | 7 | 7 | >10 | | | | | | | | | | |
| 973+00 | | | X | | 6.5 | 11.5 | 4 | | X | | 7 | 8.4 | 4 | 4 | | | | | | | | | |
| 955+40 | | | X | | 6 | 11 | 4 | | X | | 4 | 4 | 8.4 | 10 | | | | | | | | | |
| 937+80 | | | X | | 7 | 11 | 3.5, W/ MUD | | X | | 1.7 | 3 | | | | | | | | | | | |
| 920+20 | | | X | | 6.5 | 11.5 | 4, ROCK | | X | | 10 | 4 | 1.7 | 1.7 | | | | | | | | | |

IBV < 4 MAY INDICATE POTENTIAL PROBLEM AREAS