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|---|--|
| IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD) | MAY |
| | Analyzed for 2009 Construction Season |

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR WESTBOUND DIRECTION

| TIME OF DAY | FLOWS AND CAPACITY IN VEH/HR | | | | | | AVERAGE SPEEDS IN MPH | | | |
|-------------|------------------------------|-----------|----------------|------------|-------------|-----------------------|-----------------------|-------------------|----------------|------|
| | MAIN ROUTE | | SITE CAPA CITY | FLOW | | AV.DEL PER VEH (MINS) | AVERAGE QUEUE (VEH) | MAIN ROUTE | | SITE |
| | DEMAND FLOW | PCT HEAVY | | MAIN ROUTE | 'DIVER TED' | | | WITHOUT WORK ZONE | WITH WORK ZONE | |
| MID-1 AM | 446 | 0.0 | OFF | 446 | 0 | 0.00 | 0 | 70.2 | 70.2 | 70.2 |
| 1-2 AM | 346 | 0.0 | OFF | 346 | 0 | 0.00 | 0 | 70.2 | 70.2 | 70.2 |
| 2-3 AM | 207 | 0.0 | OFF | 207 | 0 | 0.00 | 0 | 70.2 | 70.2 | 70.2 |
| 3-4 AM | 221 | 0.0 | OFF | 221 | 0 | 0.00 | 0 | 70.2 | 70.2 | 70.2 |
| 4-5 AM | 530 | 0.0 | OFF | 530 | 0 | 0.00 | 0 | 70.0 | 70.0 | 70.0 |
| 5-6 AM | 1678 | 0.0 | OFF | 1678 | 0 | 0.00 | 0 | 68.6 | 68.6 | 68.6 |
| 6-7 AM | 3726 | 0.0 | OFF | 3726 | 0 | 0.00 | 0 | 65.4 | 65.4 | 65.4 |
| 7-8 AM | 4250 | 0.0 | OFF | 4250 | 0 | 0.00 | 0 | 61.8 | 61.8 | 61.8 |
| 8-9 AM | 2943 | 0.0 | OFF | 2943 | 0 | 0.00 | 0 | 67.1 | 67.1 | 67.1 |
| 9-10 AM | 2539 | 0.0 | OFF | 2539 | 0 | 0.00 | 0 | 67.6 | 67.6 | 67.6 |
| 10-11 AM | 2787 | 0.0 | 2999 | 2787 | 0 | 0.30 | 0 | 67.3 | 50.4 | 40.9 |
| 11AM-NOON | 3238 | 0.0 | 2999 | 3238 | 0 | 1.88 | 102 | 66.7 | 22.4 | 37.3 |
| NOON-1PM | 3297 | 0.0 | 2999 | 3297 | 0 | 6.95 | 370 | 66.6 | 11.0 | 37.3 |
| 1-2 PM | 3746 | 0.0 | 3000 | 3371 | 375 | 14.77+ | 804 | 65.3 | 8.6 | 37.3 |
| 2-3 PM | 4710 | 0.0 | 3000 | 3078 | 1632 | 17.77+ | 978 | 58.7 | 8.1 | 37.3 |
| 3-4 PM | 5036 | 0.0 | OFF | 5036 | 0 | 5.16 | 502 | 56.4 | 9.6 | 9.6 |
| 4-5 PM | 5142 | 0.0 | OFF | 5142 | 0 | 0.01 | 0 | 55.7 | 55.5 | 55.5 |
| 5-6 PM | 4406 | 0.0 | OFF | 4406 | 0 | 0.00 | 0 | 60.7 | 60.7 | 60.7 |
| 6-7 PM | 3157 | 0.0 | OFF | 3157 | 0 | 0.00 | 0 | 66.8 | 66.8 | 66.8 |
| 7-8 PM | 2370 | 0.0 | OFF | 2370 | 0 | 0.00 | 0 | 67.8 | 67.8 | 67.8 |
| 8-9 PM | 2132 | 0.0 | OFF | 2132 | 0 | 0.00 | 0 | 68.1 | 68.1 | 68.1 |
| 9-10 PM | 1855 | 0.0 | OFF | 1855 | 0 | 0.00 | 0 | 68.4 | 68.4 | 68.4 |
| 10-11 PM | 1339 | 0.0 | OFF | 1339 | 0 | 0.00 | 0 | 69.1 | 69.1 | 69.1 |
| 11PM-MID | 791 | 0.0 | OFF | 791 | 0 | 0.00 | 0 | 69.7 | 69.7 | 69.7 |

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

| *----- SITE BREAKDOWN DELAYS -----* | |
|--|------|
| BREAKDOWN DURATION (MINS) | 0 |
| RANGE OF QUEUE DELAY - MIN (VEH-H) MAX | 0.0 |
| AV BREAKDOWNS PER DAY | 0.00 |
| AV QUEUE DELAY/DAY (VEH-H) | 0.0 |
| AV TOTAL DELAY/DAY (VEH-H) | 0.0 |

| *----- SITE ACCIDENT DELAYS -----* | |
|--|---|
| BREAKDOWN DURATION (MINS) | 0 |
| RANGE OF QUEUE DELAY - MIN (VEH-H) MAX | 0 |
| AV BREAKDOWNS PER DAY | 0 |
| AV QUEUE DELAY/DAY (VEH-H) | 0 |
| AV TOTAL DELAY/DAY (VEH-H) | 0 |

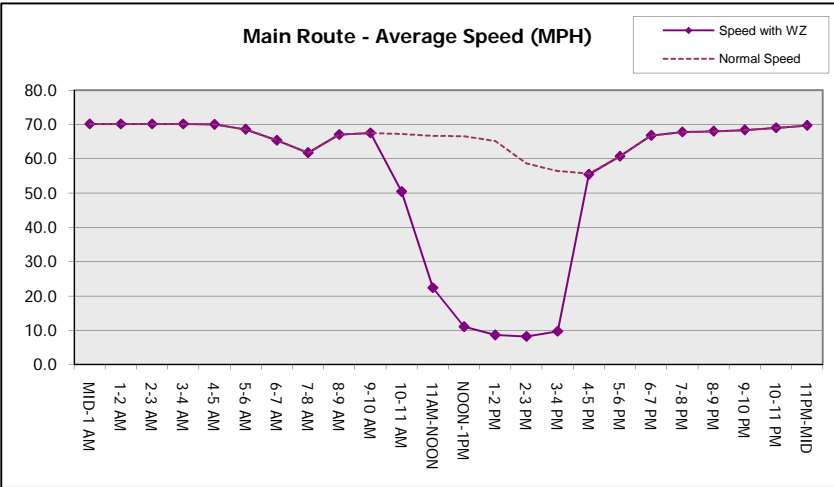
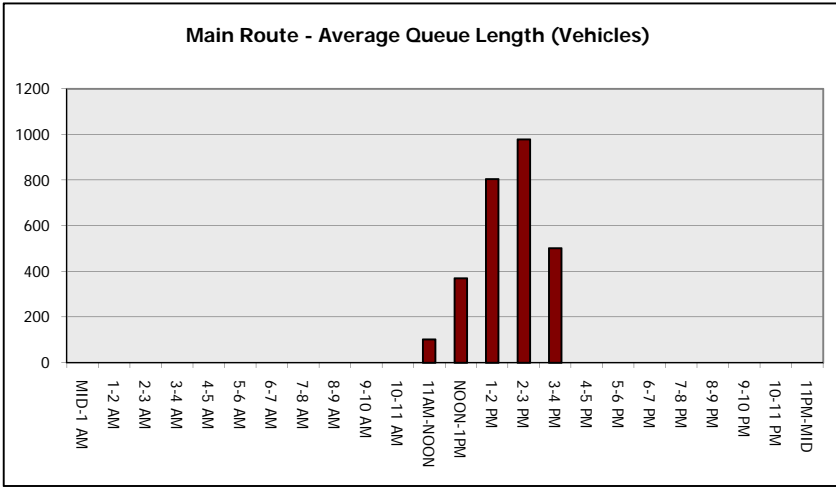
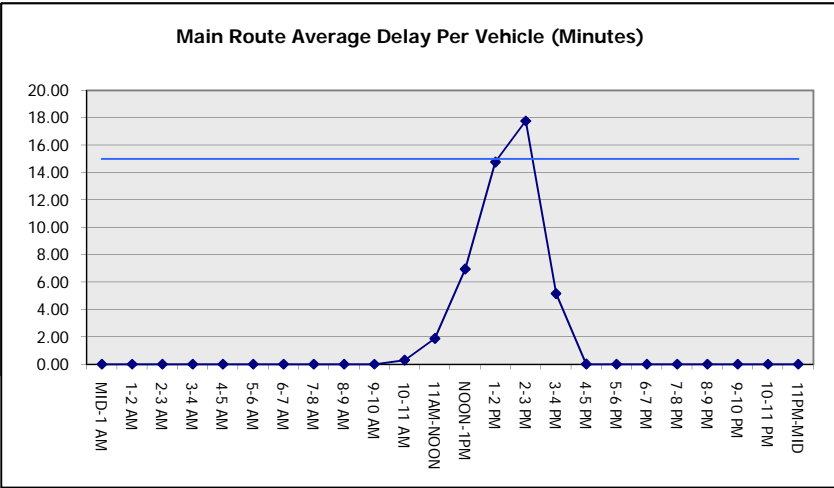
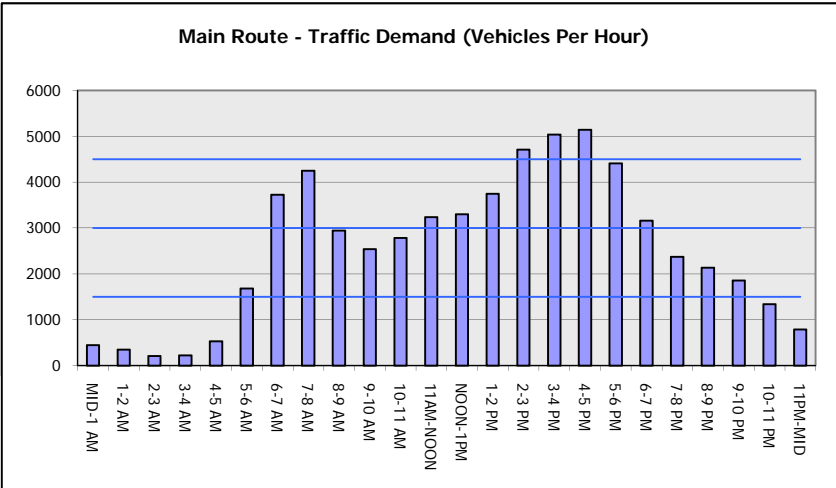
| AVERAGE ACCIDENT NUMBERS (PIA/DAY) | |
|------------------------------------|----------|
| MAIN ROUTE WITHOUT WORKS | 0.0097 |
| MAIN ROUTE WITH WORKS | 0.0077 |
| 'DIVERSION' | 0.0007 |
| PIA: Personal Injury Accidents | |
| IMPACTS ON ROAD USERS | |
| ROAD USER COSTS PER DAY | \$36,479 |
| CONGESTED HOURS PER DAY* | 2 |

*Delays Exceeding User-Specified Maximum

IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY)
OFF-PEAK DAY CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



| | |
|---|--|
| IH 794: IH 43 TO LINCOLN MEMORIAL DR (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD) | MAY |
| | Analyzed for 2009 Construction Season |

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR EASTBOUND DIRECTION

| TIME OF DAY | FLOWS AND CAPACITY IN VEH/HR | | | | | | AVERAGE SPEEDS IN MPH | | | |
|-------------|------------------------------|-----------|----------------|------------|-------------|-----------------------|-----------------------|-------------------|----------------|------|
| | MAIN ROUTE | | SITE CAPA CITY | FLOW | | AV.DEL PER VEH (MINS) | AVERAGE QUEUE (VEH) | MAIN ROUTE | | SITE |
| | DEMAND FLOW | PCT HEAVY | | MAIN ROUTE | 'DIVER TED' | | | WITHOUT WORK ZONE | WITH WORK ZONE | |
| MID-1 AM | 322 | 0.0 | OFF | 322 | 0 | 0.00 | 0 | 70.2 | 70.2 | 70.2 |
| 1-2 AM | 208 | 0.0 | OFF | 208 | 0 | 0.00 | 0 | 70.2 | 70.2 | 70.2 |
| 2-3 AM | 172 | 0.0 | OFF | 172 | 0 | 0.00 | 0 | 70.2 | 70.2 | 70.2 |
| 3-4 AM | 233 | 0.0 | OFF | 233 | 0 | 0.00 | 0 | 70.2 | 70.2 | 70.2 |
| 4-5 AM | 761 | 0.0 | OFF | 761 | 0 | 0.00 | 0 | 69.8 | 69.8 | 69.8 |
| 5-6 AM | 2858 | 0.0 | OFF | 2858 | 0 | 0.00 | 0 | 67.2 | 67.2 | 67.2 |
| 6-7 AM | 4918 | 0.0 | OFF | 4918 | 0 | 0.00 | 0 | 57.3 | 57.3 | 57.3 |
| 7-8 AM | 5034 | 0.0 | OFF | 5034 | 0 | 0.00 | 0 | 56.4 | 56.4 | 56.4 |
| 8-9 AM | 4455 | 0.0 | OFF | 4455 | 0 | 0.00 | 0 | 60.4 | 60.4 | 60.4 |
| 9-10 AM | 3218 | 0.0 | OFF | 3218 | 0 | 0.00 | 0 | 66.8 | 66.8 | 66.8 |
| 10-11 AM | 2944 | 0.0 | 3000 | 2944 | 0 | 0.35 | 0 | 67.1 | 48.2 | 38.1 |
| 11AM-NOON | 3153 | 0.0 | 2999 | 3153 | 0 | 1.44 | 69 | 66.8 | 25.6 | 37.3 |
| NOON-1PM | 3148 | 0.0 | 2999 | 3148 | 0 | 4.46 | 228 | 66.8 | 13.3 | 37.3 |
| 1-2 PM | 3091 | 0.0 | 2999 | 3091 | 0 | 6.58 | 343 | 66.9 | 11.2 | 37.3 |
| 2-3 PM | 3252 | 0.0 | 3000 | 3252 | 0 | 9.43 | 503 | 66.7 | 9.8 | 37.3 |
| 3-4 PM | 3563 | 0.0 | OFF | 3563 | 0 | 0.91 | 85 | 66.3 | 33.0 | 33.0 |
| 4-5 PM | 4090 | 0.0 | OFF | 4090 | 0 | 0.00 | 0 | 62.9 | 62.9 | 62.9 |
| 5-6 PM | 4057 | 0.0 | OFF | 4057 | 0 | 0.00 | 0 | 63.2 | 63.2 | 63.2 |
| 6-7 PM | 3075 | 0.0 | OFF | 3075 | 0 | 0.00 | 0 | 66.9 | 66.9 | 66.9 |
| 7-8 PM | 2321 | 0.0 | OFF | 2321 | 0 | 0.00 | 0 | 67.9 | 67.9 | 67.9 |
| 8-9 PM | 2111 | 0.0 | OFF | 2111 | 0 | 0.00 | 0 | 68.1 | 68.1 | 68.1 |
| 9-10 PM | 1826 | 0.0 | OFF | 1826 | 0 | 0.00 | 0 | 68.4 | 68.4 | 68.4 |
| 10-11 PM | 1241 | 0.0 | OFF | 1241 | 0 | 0.00 | 0 | 69.2 | 69.2 | 69.2 |
| 11PM-MID | 702 | 0.0 | OFF | 702 | 0 | 0.00 | 0 | 69.9 | 69.9 | 69.9 |

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

| *----- SITE BREAKDOWN DELAYS -----* | |
|--|------|
| BREAKDOWN DURATION (MINS) | 0 |
| RANGE OF QUEUE DELAY - MIN (VEH-H) MAX | 0.0 |
| AV BREAKDOWNS PER DAY | 0.00 |
| AV QUEUE DELAY/DAY (VEH-H) | 0.0 |
| AV TOTAL DELAY/DAY (VEH-H) | 0.0 |

| *----- SITE ACCIDENT DELAYS -----* | |
|--|---|
| BREAKDOWN DURATION (MINS) | 0 |
| RANGE OF QUEUE DELAY - MIN (VEH-H) MAX | 0 |
| AV BREAKDOWNS PER DAY | 0 |
| AV QUEUE DELAY/DAY (VEH-H) | 0 |
| AV TOTAL DELAY/DAY (VEH-H) | 0 |

| AVERAGE ACCIDENT NUMBERS (PIA/DAY) | |
|------------------------------------|--------|
| MAIN ROUTE WITHOUT WORKS | 0.0097 |
| MAIN ROUTE WITH WORKS | 0.0080 |
| 'DIVERSION' | 0.0000 |

PIA: Personal Injury Accidents

| ECONOMIC IMPACT ON ROAD USERS | |
|-------------------------------|----------|
| ROAD USER COSTS PER DAY | \$13,824 |
| CONGESTED HOURS PER DAY* | 0 |

*Delays Exceeding User-Specified Maximum

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NO DIVERSION ROUTE (MAX QUEUE METHOD)

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

