

**MCMS** : *INDOT's Equipment Management System*  
89<sup>th</sup> Road School- Purdue University  
Presenter: Bill Tompkins 03/25/03

In the mid to late 1980's INDOT formed a committee with the goal of finding a computerized system to track our maintenance and inventory of equipment. Many software companies were brought in to show their systems and through this process the committee decided upon the MCMS system, which was developed by Control Software, Inc. (which is now Maximus). Once the final decision had been made a new committee was formed to begin the implementation process. This committee was responsible for developing the various codes, preventive maintenance schedules, parts information and numerous other setup functions. The next step was to field test the system and the pilot location was the Greenfield District due to the close proximity of the Central Office. By the end of 1992 the entire state was on line with the system..

MCMS is a comprehensive real time fleet management system designed to improve fleet maintenance, inventory management and in the tracking of consumable products (fuel, oil, etc.). The system is comprised of several different modules which include:

**EQUIPMENT MAINTENANCE CONTROL AND PERFORMANCE ANALYSIS:**

- Tracks all maintenance performed on a piece of equipment
- Manage repair orders and establish PM schedules
- Track fuel, oil and tire usage
- Analyze and report on equipment utilization

**PARTS INVENTORY CONTROL WITH PURCHASE ORDER MANAGEMENT:**

- Track and control parts inventories
- Tracks vendor and manufacturer info
- Tracks reorder and restocking of inventory
- Tracks inventory adjustments and transfers
- Inventory analysis and status reporting

**BULK FLUID MANAGEMENT**

- Underground tank management
- Tax and EPA reporting and fuel economy
- On-line fuel ticket entry
- Bulk fuel log entry
- Credit card contract purchases

**LABOR MANAGEMENT**

- Detailed analysis by mechanic
- Development and reporting against job standards
- Management of direct vs. indirect labor hours

**SYSTEM ADMINISTRATION**

- Customize for each users need
- Controls access to files and update functions

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There are also optional modules available which are bar coding and replacement analysis decision (RADS), and dielectric testing. INDOT has implemented the RADS module and is currently in the process of using the bar coding module.

MCMS is set up for system wide access to data from any location in the organization. Therefore if a vehicle from the Greenfield District would be in a Seymour District shop, they would have immediate on-line access to the maintenance history of that particular vehicle.

MCMS is a fully menu driven system to navigate from one screen to another. Each menu presents a lists of choices and you simply choose and it will take you to that specific screen. There is also a Fastpath feature which lets the user go from screen to screen thus eliminating the need for the menu. This is done by simply typing the screen synonym or number in the top left corner and pressing the enter key.

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The following is a sample of MCMS screens and printouts to discuss in this session:

EIC1110                                  UNIT DETAIL DISPLAY - PAGE 1 OF 2                  04/01/03  
09:16:09

```
UNIT NUMBER: FLET065655
STATUS.....: A                    ACTIVE ASSET                                  AS OF DATE...: 09/01/95
GROUP.....: F16                   S/A DUMP SINGLE CAB                              CALENDAR.....: SNW
YEAR.....: 1995                   MAKE...: FORD                                                  MODEL.....: LN8000
DATE IN SVC: 08/30/95            PERIOD: 02                                                      OPERATING YR: 08
SERIAL #....: 1FDYR82E1SVA57325                                                  FUEL TYPE...: 2 DIESL
REGISTR.....:                                                                                  FUEL CAPACTY: 100
UNIT TYPE...: D                   SNOW AND ICE TRUCKS                                                  OIL CAPACITY: 28
UNIT CLASS..: 1580                S/A DUMP SINGLE CAB

DOMICILE....: 510                AURORA SUBDISTRICT                                                  TAGGED.....: Y
CURRENT LOC: 513                AURORA UNIT                                                                  STALL.....:
MAINT LOC...: 510                AURORA SUBDISTRICT                                                          REPAIR LIMIT:                  .00
ACCOUNT....: E08                MEDIUM & HEAVY TRUCKS                                                      PRIORITY.....: 00
G/L ACCOUNT: 401"I" TRU
USER INPUT : SERIAL #112985    S#10100041
COMMENTS...: S/A DUMP TRUCK W/MANUAL HYDRAU
```

NEXT UNIT ==> FLET065655                                  LAST CHANGED BY EW ON 03/19/03 AT  
12:13

```
F4-CONFIG F5-USAGE/METERS F6-COMPONENTS F8-FORWARD F9-RETRIEVE
F10-PM F11-GROUP F12-HISTORY F13-TEXT
```

EIC1111                                  UNIT DETAIL DISPLAY - PAGE 2 OF 2                  04/01/03  
09:16:31

```
UNIT NUMBER: FLET065655    STATUS: A ACTIVE ASSET                                  AS OF DATE:
09/01/95
DESCRIPTION: 1995 FORD        LN8000                                  S/A DUMP SINGLE CAB
```

```
ASSIGNED TO: PRIMARY        AURORA (UNIT 3)                                  AS OF DATE:
10/31/95
CATEGORY....: S SITE
```

```
TITLE STATE:                                  NUMBER.....:
PO NUMBER...: 95022110        REQ/AUTH NUMBER: H-7-95
DEALER.....: WABFO                                  NAME.....: WABASH FORD TRUCK SALES
PURCH DATE..: 08/30/95        PURCHASE PRICE.: 58550.00
SOLD DATE...: 00/00/00        SOLD PRICE.....: .00
OWNER TYPE..: O OWNED                                  OWNER.....:                                  CUSTOMER...:
CAPITAL IMP:                  .00    UNAMORT BALANCE:                  .00    BOOK VALUE:
25249.46
```

```
REGISTR.....:                                                                                  RETIRE YR.: 0000
```

NEXT UNIT ==> FLET065655                                  LAST CHANGED BY EW ON 03/19/03 AT  
12:13

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F4-CONFIG F5-USAGE/METERS F6-COMPONENTS F7-BACKWARD F9-RETRIEVE  
 F10-PM F11-GROUP F12-HISTORY F13-TEXT

EIC1105                                    ADD OR CHANGE UNIT CONFIGURATION                                    04/01/03  
 09:16:48

UNIT NUMBER: FLET065655

|                                      |                               |
|--------------------------------------|-------------------------------|
| FIRST METER UNIT OF MEASURE.....: M  | TAKE HOME.....: N             |
| FIRST METER SIZE.....: 6             | USER CAPTION.....: USER INPUT |
| SECOND METER UNIT OF MEASURE.....: H |                               |
| SECOND METER SIZE.....: 4            |                               |
| USAGE/METER RECORD (Y/N).....: Y     |                               |
| PREVENT MAINTENANCE RECORD (Y/N): Y  |                               |
| PO/DEALER RECORD (Y/N).....: Y       |                               |
| TAGGED UNIT (Y/N).....: Y            |                               |
| FUELED OR OILED UNIT (Y/N).....: Y   |                               |
| CAN BE A BASE UNIT (Y/N).....: Y     |                               |
| CAN BE AN ASSOCIATED UNIT (Y/N)..: N |                               |
| IS IT AN AERIAL LIFT (Y/N).....: N   |                               |
| IS IT A TITLED UNIT (Y/N).....: Y    |                               |
| DOES IT NEED A CAB CARD (Y/N)...: N  |                               |
| ARE DRIVER TRIPS ENTERED (Y/N)...: N |                               |

LAST CHANGED BY EW ON 03/19/03 AT

12:13

NEXT UNIT # ==> FLET065655 GROUP ==> \*\*\* UNIT TYPE ==> \* CLONE ==>  
 \*\*\*\*\*

FIRST UNIT# ==> \*\*\*\*\* NUMBER OF UNITS ==> \*\*\* VIN# ==>  
 \*\*\*\*\*

ENTER-CHANGE F1-HELP F2-ADD F9-RETRIEVE

EIC1112                                    UNIT METER AND USAGE DISPLAY                                    04/01/03  
 09:17:01

UNIT NUMBER.: FLET065655 1995 FORD LN8000                                    S/A DUMP SINGLE CAB

PRIMARY METER INFORMATION:

|              |              |               |     |
|--------------|--------------|---------------|-----|
| TYPE.....: M | SIZE.....: 6 | PERIOD USAGE: | 184 |
|--------------|--------------|---------------|-----|

MI

|                        |                      |                      |
|------------------------|----------------------|----------------------|
| START OF PERIOD: 55407 | END OF PERIOD: 55591 | LAST READING: 55591  |
| START SERVICE...: 0    | ROLLOVERS....: 0     | LTD USAGE....: 55591 |

SECONDARY METER INFORMATION:

|              |              |               |    |
|--------------|--------------|---------------|----|
| TYPE.....: H | SIZE.....: 4 | PERIOD USAGE: | 27 |
|--------------|--------------|---------------|----|

HR

|                       |                     |                     |
|-----------------------|---------------------|---------------------|
| START OF PERIOD: 4253 | END OF PERIOD: 4280 | LAST READING: 4280  |
| START SERVICE...: 0   | ROLLOVERS....: 0    | LTD USAGE....: 4280 |

|                            |                      |                  |
|----------------------------|----------------------|------------------|
| LAST OIL CHANGE: 01/09/03  | METER READING: 52826 | USAGE.....: 2765 |
| LAST FUELING....: 02/23/03 | METER READING: 55407 | USAGE.....: 184  |

|                     |                    |                    |
|---------------------|--------------------|--------------------|
| FUEL USAGE PTD.: 0  | FUEL COST PTD: .00 | MILES PER QT: 0    |
| OIL USAGE PTD...: 0 | OIL COST PTD.: .00 | OIL ADDED....: 0   |
|                     |                    | LTD MPG.....: 5.82 |



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OIL CAPACITY.: 28 QTS EXC FOR MPG : Y SPEC: P MRU.: 6.80

| OEM WARRANTY | PERIODS | METER  | RANGE EDITS        | LOW  | HIGH |
|--------------|---------|--------|--------------------|------|------|
| A - BODY :   | 12      | 0      | FUEL TICKET.....:  | 6000 | 6000 |
| B - ENGINE : | 60      | 100000 | REPAIR ORDER 1ST.: | 1500 | 1500 |
| C - TRANSM : | 36      | 50000  | REPAIR ORDER 2ND : | 250  | 250  |
| D - REAR :   | 36      | 50000  |                    |      |      |
| E - MISC :   | 12      | 0      |                    |      |      |
| USEFUL LIFE: | 144     | 0      |                    |      |      |

-----TABLE CODES-----  
 REASON.....: ATA CLASS/SITE.....: ATA FAILURE CODE..: ATA  
 WORK ACCOMPLISH: ATA REPLACEMENT TRACK: ATA UNIT TYPE.....: ATA  
 DELAY REASON...: ATA SYSTEM CODE.....: TRK CALENDAR.....: SNW

NEXT GROUP NUMBER ==> F16 LAST CHANGED BY DKH ON 03/05/03 AT  
 10:04  
 F1-HELP F4-SPECIFICATION F9-RETRIEVE

EIC2112 CHANGE POWER GROUP SPECIFICATIONS 04/01/03  
 09:17:51

GROUP NUMBER: F44 S/A DUMP SINGLE CAB 2002 STERL  
 -----G E N E R A L-----

---  
 CAPACITY (WT): 41000 GVW/GCW: G WEIGHT (CURB): 0 WHL BASE.:  
 165

-----B O D Y-----  
 ---

DESC: SINGLE AXLE DUMP MODEL: L-7500 MATL: STERLING CODE: \_\_\_\_\_  
 -----E N G I N E-----

---  
 MAKE: CAT MODEL: 3126E TYPE: 7.2 L. FUEL CAP: 100 GAL FUEL CODE: 2  
 HP...: 275 CODE..: \_\_\_\_\_ CYL.: 6 OIL CAP.: 29 QTS CID.....:  
 439

-----T R A N S M I S S I O N-----  
 ---

MAKE: ALLIS MODEL: MD-3060 TYPE: WORLD FWD: 5 REV: 1  
 PTO.: Y CODE..: \_\_\_\_\_

-----A X L E S / T I R E S-----  
 ---

NUMBER.....: 0 DRIVEN: 0 FRONT...: 2 SIZE: 315/80R22.  
 FRONT CAP...: 18000 REAR...: 4 SIZE: 11RX22.5

-----R E A R A X L E S-----  
 ---

MAKE...: RIMS MODEL.: F/22.5X9 TYPE...: MERITOR CODE: 22.5X8  
 SET-UP: 0 SPEEDS: 0 RATING: 0  
 RATIOS: 6.43 .00 .00 .00

LAST CHANGED BY NAP ON 12/06/02 AT  
 13:23  
 ENTER-CHANGE F1-HELP

EIC1108 CHANGE UNIT/TEXT FREE-FORM SPECIFICATION 04/01/03  
 09:18:18



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TOTAL PARTS: 89 TOTAL LABOR: 63 TOTAL COSTS:  
 152.52  
 ENTER-PROCESS REQ F1-HELP F4-DETAIL REQ F6-LAST F7-BWD F8-FWD F11-  
 COMMENT

EIC1114 UNIT PM DETAIL DISPLAY 04/01/03  
 09:18:51  
 UNIT: FLET065655 1995 FORD LN8000 S/A DUMP SINGLE CAB

PM SCHEDULE: 007 SINGLE/A DIESEL SNOW TRK METER RDG(S): 55591  
 4280

LEVEL: A LAST SCHED DATE: 01/07/03 RO # OPENED.: DAYS SCHED...:  
 0  
 DUE...: NEXT SCHED DATE: 07/07/03 STANDARD JOB: 182-PMA TRIGGER.....: C  
 LAST COMPL DATE: 01/08/03 MTR 1 USAGE.: 2765 FUEL ( GAL ):  
 113  
 MTR 2 USAGE.: 277 OIL ( QTS ):  
 0

LEVEL: B LAST SCHED DATE: 02/28/02 RO # OPENED.: DAYS SCHED...:  
 0  
 DUE...: NEXT SCHED DATE: 01/08/04 STANDARD JOB: 182-PMB TRIGGER.....: C  
 LAST COMPL DATE: 01/08/03 MTR 1 USAGE.: 2765 FUEL ( GAL ):  
 113  
 MTR 2 USAGE.: 277 OIL ( QTS ):  
 0

LEVEL: LAST SCHED DATE: RO # OPENED.: DAYS SCHED...:  
 DUE...: NEXT SCHED DATE: STANDARD JOB: TRIGGER.....:  
 LAST COMPL DATE:

MTR 2 USAGE.:

LAST CHANGED BY EW ON 03/19/03 AT 12:13

NEXT UNIT # ==> FLET065655 NEXT PM LEVEL ==> \*\*  
 F1-HELP F4-METER/USAGE F8-FORWARD F9-RETRIEVE

EIC3910 OPEN/UPDATE REPAIR ORDER - PAGE 1 04/01/03  
 09:19:49

RO NUMBER...: RO38699 UNIT NUMBER: FLET065271  
 RO STATUS...: OS OPEN-STARTED METER 1....: 70067 METER 2: 0  
 MAJOR REASON: 08 PM CLASS CODE.: 1 SCDED SITE...: 1 SHOP  
 UNIT STATUS.: A ACTIVE ASSET REPAIR LOC.: 570 ACCOUNT: E05  
 PRIORITY....: 3 NORMAL CHARGE UNIT: FLET065271  
 DOMICILE....: 5AD SEYMOUR ADMINISTRATI USAGE SINCE PM.: METER: 0 DAYS:  
 5  
 REPAIRS NOT>: 0.00 GROUP: A36 YEAR: 1998 MAKE: CHEVY MODEL:  
 CAVALIER

DELAY REASON...: \_ DELAY SYSTEM...: \_\_\_  
 ESTIMATED COST.: 0.00 DOWN TIME OVERRIDE (HH.TH)...:

STANDARD JOBS A: 019-PMB B: \_\_\_\_\_ C: \_\_\_\_\_ D: \_\_\_\_\_ E:



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```

MAINTENANCE ALERTS!!!
PM DUE?..: N
CAMPAIGNS:
DEFRD MNT: N
OTHER RO.: N
WARRANTY..:
NEXT RO ==> RO38699
OPENED..: 03/17/03 AT: 22:31
STARTED.: 03/27/03 AT: 10:00
FINISHED: 00/00/00 AT: 00:00
CLOSED...: 00/00/00 AT: 00:00
LAST CHANGED BY MAW ON 03/27/03 AT
10:57

```

```

ENTER-CHG F2-OPEN F4-LABOR F5-PARTS F6-PRINT F7-UNIT/COMP F8-FWD F9-
RETR
F10-TASK F11-COMMENTS F12-TRBL TCKT F15-MTR MAINT F16-PM

```

```

EIC3950 OPEN RO LABOR ITEMS ENTRY 04/01/03
09:19:59
RO #: RO38699 SECT: A ST.: OS JOB: 019-PMB ASSOC.: FLET065271 BASE:
FLET065271

```

```

-----
---
S EMPL SY/AS WA B/A TIME RATE/HR COST O/T DATE VENDR PO# POS WU
M
LOC DESC DESC EMPLOYEE/VENDOR NAME RE TIME IN TIME OUT
-----
---
I RCR PM 07 B 1:00 17.01 17.01 0 032703 00
C
570 PM PM-B RICHARD C. RILEY 08 00:00 00:00

```

```

-----
NEXT RO ==> RO38699 NEXT SECTION ==> A LAST CHANGED BY MAW ON 03/27/03 AT
10:57
ENTER-ADD/CHANGE F1-HELP F2-NEW SCRN F5-PARTS F6-LAST F7-BWD F8-FWD
F9-RETRV F10-TASKS F11-RO PG1 F12-RO PG2 F13-BARCODE LIST F14-BARCODE
DATA

```

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EIC3920                                    OPEN REPAIR ORDER ENTRY - PAGE 2                                    04/01/03  
 09:20:15

RO NUMBER...: RO38699                                    UNIT NUMBER...: FLET065271  
 RO STATUS...: OS OPENED-STARTED                                    PRIMARY METER: 70067 METER #2:  
 0  
 UNIT STATUS..: A ACTIVE ASSET                                    REPAIR LOC...: 570  
 BILL STATUS..: N NON-BILLABLE                                    CORES REBUILT:  
 PROMISED....: 00/00/00 AT: 00:00                                    STARTED.....: 03/27/03 AT: 10:00  
 FINISHED....: 00/00/00 AT: 00:00                                    CLOSED.....: 00/00/00 AT: 00:00

REPT BY: \_\_\_\_\_                                    ON 00/00/00 AT 00:00 REPT#:  
 \_\_\_\_\_  
 REPT TO: \_\_\_\_\_                                    ON 00/00/00 AT 00:00 AUTH#:  
 \_\_\_\_\_  
 ASGN TO: RCR RICHARD C. RILEY                                    ON 00/00/00 AT 00:00 BAY #:  
 \_\_\_\_\_  
 APRV BY: \_\_\_\_\_                                    ON 00/00/00 AT 00:00  
 BILL TO: \_\_\_\_\_                                    ON 00/00/00                                    INV #:  
 \_\_\_\_\_  
 REBILL..: \_\_\_\_\_                                    ACCT INT:

|          | REVENUE | COST   | PROFIT  |           | HOURS |
|----------|---------|--------|---------|-----------|-------|
| PARTS... | 0.00    | 153.75 | 153.75- | BILLED... | 0.00  |
| LABOR... | 0.00    | 17.01  | 17.01-  | ACTUAL... | 1.00  |
| TOTAL... | 0.00    | 170.76 | 170.76- | VARIANCE: | 1.00- |

NEXT RO ==> RO38699                                    LAST CHANGED BY MAW ON 03/27/03 AT  
 10:57  
 ENTER-CHANGE F1-HELP F2-APPROVE ITEMS F4-LABOR F5-PARTS F6-REPAIR  
 HISTORY  
 F7-PAGE 1 F9-RETRIEVE F10-TASKS F11-COMMENTS F12-TRBL TCKT F15-MTR  
 MAINT

EIC3960                                    OPEN RO PART ITEMS ENTRY                                    04/01/03  
 09:20:52  
 RO #: RO38699 SECT: A ST.: OS JOB: 019-PMB ASSOC.: FLET065271 BASE:  
 FLET065271

```

-----
S PART #  QTY  FC B/A UM T   U/COST   DATE WC   DESCRIPTION VENDOR PO#
C M
CLASS      INV LOC RE ON ORDER?   POS MFG NAME   MFG PART#     MFG LOC
-----
I 53991013  5  PM  B QT N   0.920  032703 N   15W40 RECYCL
N C
   53991          570  08              GENERIC     15W40RECYCLED  GEQ 570

I 45011018  1  PM  B EA N   2.468  032703 N   FILTER,OIL
N C
   45011018       570  08              FRAM CORP    PH3387A       FRA 570

I 41001610  1  PM  B EA N   4.157  032703 N   FILTER, AIR
N C
   41001610       570  08              NAPA         6139          NAP 570
  
```

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I 44002472 1 PM B EA N 11.562 032703 N FILTER, FUEL  
 N C  
 44002472 570 08 NAPA 3311 NAP 570

I 17001128 4 PM B EA N 32.740 032703 N TIRE  
 N C  
 17001128 570 08 GOODYEAR 195X70R14 GOP 570

NEXT RO ==> RO38699 NEXT SECTION ==> A LAST CHANGED BY BRT ON 04/01/03 AT 09:20

ENTER-ADD/CHANGE F1-HELP F2-NEW SCR N F4-LABOR F6-LAST F7-BWD F8-FWD  
 F9-RETRV F10-TASK F11-RO PG1 F12-RO PG2 F13-BARCODE LIST F14-BARCODE  
 DATA

EIC3105 CHANGE RO/UNIT FREE-FORM COMMENTS 04/01/03  
 09:21:01

RO/PO: RO38699 UNIT #: FLET065271 DESCRIPTION: SEDAN

- 01 LEVEL B P.M., V.I.P. INSPECTION, CHECK BRAKES, CHECK TIRES, REPLACE
- 02 AIR & FUEL FILTER.
- 03 \_\_\_\_\_
- 04 \_\_\_\_\_
- 05 \_\_\_\_\_
- 06 \_\_\_\_\_
- 07 \_\_\_\_\_
- 08 \_\_\_\_\_
- 09 \_\_\_\_\_
- 10 \_\_\_\_\_
- 11 \_\_\_\_\_
- 12 \_\_\_\_\_
- 13 \_\_\_\_\_
- 14 \_\_\_\_\_
- 15 \_\_\_\_\_

LAST CHANGED BY MSJ ON 03/27/03 AT

10:11

ENTER-CHANGE F1-HELP F4-INSERT F5-DELETE

EIC3800 OUTSIDE MAINTENANCE PURCHASE ORDER ENTRY 04/01/03  
 09:21:37  
 PO NUMBER.: 46017 DATE...: 03/05/02 PO STATUS: A  
 UNIT.....: FLET057031 METER...: 5192 2ND METER: 0  
 REAS CODE.: 11 CLASS...: 1 AMT AUTH.: 225.00  
 EQUIP ACCT: E09 STD JOB: AUTH ID #1: PKR AUTH ID #2:  
 PKR  
 IN DT/TM...: 02/28/02 08:00 ACCT #.: LOCATION.: 510 ETA.:  
 00/00/00  
 OUT DT/TM...: 02/28/02 13:00 DRIVER.: INVOICE...: 48919 DT.:  
 02/28/02  
 DELAY REAS: \_ SYS: \_ DOWN TM: \_ EST COST.: .00  
 GROUP.....: E36 1992 JDEER 544E FRONT END LOADER  
 VENDOR.....: AMSTI NAME....: A.M.S. TIRE LR:  
 0.00  
 ADDRESS....: 5045 WINTON ROAD CITY.....: CINCINNATI

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STATE.....: OH ZIP.....: 45232 PHONE.....: 513-542-4050  
 MAINTENANCE ALERTS !!! WARRANTY.: ' / ' / ' / ' /  
 TRBL TCKT.: N CAMPAIGN: N PMS DUE: N METER.: 0 PM DAYS.: 20  
 PART/LAB EMPL# QTY FC/WA COST UM DESCRIPTION ACCT POS RE W M

| CK |    |      |    |        |    |                 |   |      |     |  |    |   |  |  |
|----|----|------|----|--------|----|-----------------|---|------|-----|--|----|---|--|--|
| 17 | -L | 5.00 | 47 | 225.00 | HR | LABOR FOR INST. | 4 | TIRE | 431 |  | 11 | C |  |  |

PO TOT: 225.00  
 NEXT PO ==> 46017 DIFF...: 0.00 LAST CHANGED BY PKR ON 03/05/02 AT 13:45

ENTER-CHG F2-ISSUE PO F4-HISTORY F5-PO LIST F6-BALANCE F7-APPROVE F8-FWD  
 F9-RETR F10-OPEN PO F11-COMMENT F12-TRBL TKT F15-MTR CHG F16-PM F17-PRT

EIC1280 UNIT LIST 04/01/03  
 09:22:37

| UNIT #   | ST | T | GRP | S | YEAR | MAKE  | MODEL    | COMMENT/DESC | CLASS   | DOM | LOC |
|--|----|---|-----|---|------|-------|----------|--------------|---------|-----|-----|
| FLET*****  | A  | * | *** | * | **** | ***** | *****    | *****        | 8507*** | 5OS | *** |
| FLET065102   | A  | A | A21 |   | 2003 | DODGE | STRATUS  | DODGE STRATU | 8507    | 5OS | 5OS |
| E05  |    |   |     |   |      |       |          |              |         |     |     |
| S/N: 1B3EL36X74N120651 ASG:                        |    |   |     |   |      |       |          |              |         |     |     |
| FLET065103   | A  | A | A61 |   | 2000 | CHEVY | CAVALIER | CHEVY CAVALI | 8507    | 5OS | 5OS |
| E05  |    |   |     |   |      |       |          |              |         |     |     |
| S/N: 1G1JC5240Y7375553 ASG: INVENTORY JAN ROSE     |    |   |     |   |      |       |          |              |         |     |     |
| FLET065111   | A  | A | A21 |   | 2003 | DODGE | STRATUS  | DODGE STRATU | 8507    | 5OS | 5OS |
| E05  |    |   |     |   |      |       |          |              |         |     |     |
| S/N: 1B3EL36X54N120650 ASG:                        |    |   |     |   |      |       |          |              |         |     |     |
| FLET065131   | A  | A | A23 |   | 2001 | DODGE | STRATUS  | SEDAN        | 8507    | 5OS | 5OS |
| E05  |    |   |     |   |      |       |          |              |         |     |     |
| S/N: 1B3EJ46X41N723113 ASG: FIELD ENGR BOB BOWEN   |    |   |     |   |      |       |          |              |         |     |     |
| FLET065132   | A  | A | A23 |   | 2001 | DODGE | STRATUS  | SEDAN        | 8507    | 5OS | 5OS |
| E05  |    |   |     |   |      |       |          |              |         |     |     |
| S/N: 1B3EJ46X81N723115 ASG: LANDSCAPE OLEN NANTZ   |    |   |     |   |      |       |          |              |         |     |     |
| FLET065135   | A  | A | A23 |   | 2001 | DODGE | STRATUS  | SEDAN        | 8507    | 5OS | 5OS |
| E05  |    |   |     |   |      |       |          |              |         |     |     |
| S/N: 1B3EJ46X11N727538 ASG: SUPP. ENGR BILL JARVIS |    |   |     |   |      |       |          |              |         |     |     |
| FLET065137   | A  | A | A23 |   | 2001 | DODGE | STRATUS  | SEDAN        | 8507    | 5OS | 5OS |
| E05  |    |   |     |   |      |       |          |              |         |     |     |
| S/N: 1B3EJ46X4IN727551 ASG: FIELD ENGR MIKE RIVERS |    |   |     |   |      |       |          |              |         |     |     |
| FLET065138   | A  | A | A23 |   | 2001 | DODGE | STRATUS  | SEDAN        | 8507    | 5OS | 5OS |
| E05  |    |   |     |   |      |       |          |              |         |     |     |
| S/N: 1B3EJ46X3IN727539 ASG: B&G SUPV. TIM BUTLER   |    |   |     |   |      |       |          |              |         |     |     |

SERIAL NUMBER(S).....: \*\*\*\*\*  
 PRIMARY ASSIGNMENT ID: \*\*\*\*\* DESCRIPTION: \*\*\*\*\*  
 ENTER-PROCESS REQ F1-HELP F4-DETAIL REQ F6-LAST F7-BWD F8-FWD F9-RETRIEVE

EIC3620 FLUID TRANSACTION LIST 04/01/03  
 09:23:14

| UNIT # | PART # | LOC | DATE | METER | UM | T | PM/VN | QUANTITY | COST |
|--------|--------|-----|------|-------|----|---|-------|----------|------|
|--------|--------|-----|------|-------|----|---|-------|----------|------|

**MCMS : INDOT's Equipment Management System**  
**89<sup>th</sup> Road School- Purdue University**  
**Presenter: Bill Tompkins 03/25/03**

| FLET065104 | *****    | *** | *****  | ***** | ** | * | ***** | ***** | ***** |
|------------|----------|-----|--------|-------|----|---|-------|-------|-------|
| GROUP      | ***      |     | *****  | ***** |    |   | ***** | ***** | ***** |
| FLET065104 | 53990201 | 50S | 030503 | 42415 | GL | A | TRAMO | 12.4  | 18.19 |
| FLET065104 | 53990201 | 50S | 022703 | 42026 | GL | A | TRAMO | 13.0  | 18.72 |
| FLET065104 | 53990201 | 50S | 021703 | 41646 | GL | A | TRAMO | 11.8  | 16.79 |
| FLET065104 | 53990201 | 50S | 021103 | 41302 | GL | A | TRAMO | 10.0  | 14.41 |
| FLET065104 | 53990201 | 50S | 020403 | 40996 | GL | A | TRAMO | 12.5  | 16.99 |
| FLET065104 | 53990201 | 50S | 012403 | 40676 | GL | A | TRAMO | 8.6   | 10.93 |
| FLET065104 | 53990201 | 50S | 011703 | 40468 | GL | A | TRAMO | 12.2  | 15.11 |
| FLET065104 | 53990201 | 50S | 010803 | 40150 | GL | A | TRAMO | 11.3  | 13.70 |
| FLET065104 | 53990201 | 50S | 121902 | 39845 | GL | A | TRAMO | 11.3  | 0.00  |
| FLET065104 | 53990201 | 50S | 121202 | 39541 | GL | A | TRAMO | 9.5   | 10.26 |
| FLET065104 | 53990201 | 50S | 120502 | 39280 | GL | A | TRAMO | 10.3  | 10.77 |
| FLET065104 | 53990201 | 50S | 112602 | 38986 | GL | A | TRAMO | 11.1  | 11.63 |
| FLET065104 | 53990201 | 50S | 112002 | 38668 | GL | A | TRAMO | 10.5  | 11.04 |
| FLET065104 | 53990201 | 50S | 110802 | 38386 | GL | A | TRAMO | 10.4  | 12.33 |
| FLET065104 | 53990201 | 50S | 110102 | 38088 | GL | A | TRAMO | 10.7  | 13.42 |
| FLET065104 | 53990201 | 50S | 102502 | 37784 | GL | A | TRAMO | 9.6   | 12.25 |

CUMULATIVE TOTALS: 175.2 206.54

ENTER-PROCESS REQUEST F1-HELP F6-LAST F7-BACKWARD F8-FORWARD

EIC1210 UNIT UTILIZATION LIST 04/01/03  
09:23:44  
UNIT # S T GR SG DOM 1ST MTR 2ND MTR USE-PTD FL-PTD LTD-MPG OIL-CG  
MPQ  
FLET\*\*\*\*\* A \* \*\*\* \* 510 0035000 \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\*  
\*\*\*\*\*  
0065000 \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\*  
\*\*\*\*\*  
FLET009272 A K O66 510 47002 2097 75 0 5.82 020603  
38  
FLET065002 A B C69 510 51882 0 1560 14 19.99 032103  
0  
FLET065105 A B C99 510 56298 0 539 61 12.68 012603  
0  
FLET065125 A B C59 510 46521 0 0 0 15.09 030703  
0  
FLET065652 A D F99 510 59244 3905 86 330 4.94 030503  
0  
FLET065655 A D F16 510 55591 4280 184 0 5.82 010903  
0  
FLET065740 A D F17 510 57092 3231 189 118 6.52 013103  
0  
FLET065741 A D F17 510 61631 4521 166 624 5.55 031203  
0  
FLET065742 A D F17 510 58150 4038 705 160 5.67 021203  
889  
FLET065827 A D F67 510 55591 3043 120 0 5.91 011603  
0  
FLET065832 A D F18 510 52214 2994 442 0 6.82 012903  
400  
FLET065891 A D G36 510 46437 3038 985 0 6.90 022703  
0  
FLET065894 A D F19 510 48630 2929 589 199 6.47 122602  
2682

**MCMS** : *INDOT's Equipment Management System*  
89<sup>th</sup> Road School- *Purdue University*  
Presenter: *Bill Tompkins 03/25/03*

FLET065901 A D F69 510 44356 2304 194 65 6.16 031203  
0  
\*\*\*\*\* TOTAL # OF UNITS = 14  
\*\*\*\*\*

ACCT: \*\*\* CUM'L TOTALS: 740639 36380 5834 1571  
ENTER-PROCESS REQUEST F1-HELP F6-LAST F7-BACKWARD F8-FORWARD F9-  
RETRIEVE

EIC1118 CHANGE UNIT ASSIGNMENTS 04/01/03  
09:23:59

UNIT NUMBER.: FLET057031 STATUS.....: A ACTIVE ASSET  
EFFECT DATE.: 01/03/92 GROUP.....: E36  
CLASS.....: 2150 UNIT TYPE...: C EARTHMOVING AND SHAP  
UNIT YEAR...: 1992 MAKE.....: JDEER  
MODEL.....: 544E DESCRIPTION: FRONT END LOADER  
MRU VALUE...: 3.00 PRIORITY....: 00

ACCOUNT #...: E09 EARTH MOVING & LOADING EQUIP  
DOMICILE....: 510 AURORA SUBDISTRICT  
CURRENT LOC.: 511 PENNTOWN UNIT  
MAINT LOC...: 510 AURORA SUBDISTRICT  
USER INPUT...: 13056 M SER433HEE2640

PRIMARY ASGN: PENNTOWN ASSIGN DESC...: \_\_\_\_\_  
ASSIGN DATE.: 00/00/00 CATEGORY.....: S SITE  
REPAIRS NOT >: .00  
SOLD PRICE...: .00 SOLD DATE....: 00/00/00

LAST CHANGED BY EW ON 03/20/03 AT

13:09

NEXT UNIT NUMBER ==> FLET057031 2ND ASSIGNMENT ID ==> \*\*\*\*\*  
ENTER-CHANGE F1-HELP F4-2ND ASSIGN F5-ASSIGN LIST F6-COMPONENT F9-  
RETRIEVE