

**Department Reports**  
**8.22.2025**

**ELECTRIC DISTRIBUTION**

Tickets, locates  
KEC Safety Meeting  
Fixed lights at Municipal Hall  
Trimmed limbs on electrical services  
Maintenance in east rural  
Welded skids plates onto loader  
Hung American Flags  
Changed lights on lights list  
Staked line in east rural  
Stocked materials on trucks

**POWER PLANT**

Rounds

**STREET**

Grading town, lake, power and sewer plant  
Mowing town and airport  
Street sweeping  
Repair back door at Municipal Hall  
Fixed alley 600 block N Springfield

**WATER/WASTEWATER**

Rounds, tickets, locates

**MECHANIC**

#75 S DEWEZE MOWER    MOCKING UP NEW BEAVER TAIL, PRE FITTING TO MAKE SURE NO ISSUES ARE PRESENT BEFORE WELDING IT ON, ALONG WITH OTHER PARTS THAT BOLT TO IT. THERE ARE ISSUES & PROBLEMS. THE NEW REAR BEAVER TAIL ASSEMBLY WAS MADE TO LAST PRODUCTION DESIGN SPECS ENDING IN 2018, AS OURS IS THE PROTOTYPE/DEMO MODELS OF 2013 SOME CHANGES WERE MADE TO UPDATE MACHINE OR MADE DESIGN CHANGES FOR QUICKER BUILD TIMES IN FINAL ASSEMBLY, CANT GET A ANSWER ON THIS FROM HARPER INDUSTRIES BUT OURS IS A LOT DIFFERENT AT THE MOUNTING AREA WHERE FUEL TANK MOUNTS ON TOP OF BEAVER TAIL. THERE DESIGN PLANS/BLEU PRINTS ON FILE ARE FOR UPDATED MODELS ONLY SO WE HAVE TO MODIFY THE NEW ASSEMBLY TO WORK WITH OUR OLDER MACHINE TO BE ABLE TO MOUNT FUEL TANK UP CORRECTLY, AND FOR MOWER TO HAVE CORRECT HEIGHT FRONT AND BACK WHEN TIRES ARE BACK ON THE GROUND. 4.5 INCHES HAS TO COME OFF THE TOP, CENTER BEAM WELDED TO THE TWO PLATES HAS TO BE CAREFULLY CUT APART WITHOUT CHANGING THE WIDTH, MOVED 2 1/8 INCHES DOWN, REWELDED WITHOUT DISTURBING THE 3 PIN MOUNTING HOLES LOCATION AS THEY CAN NOT MOVE AWAY FROM EACHOTHER. AFTER THAT, TOP FRONT PLATE HAS TO BE SHORTENED ANOTHER 2 INCHES, FUEL TANK MOUNTING TAB REWELDED ON, IN SPECIFIC LOCATION. THIS NEEDS TO BE WELDED BY CERTIFIED WELDER WITH HEAVY DUTY PROFESSIONAL GRADE MIG

OR TIG WELDER THAT WE DO NOT HAVE ON HAND. I HAVE MARKED EVERYTHING THAT NEEDS TO BE CHANGED ON PART IN PAINT MARKER, TOOK ASSEMBLY TO ANDERSON WELDING, DROPPED OFF FOR THEM TO PERFORM CHANGES THAT NEED TO BE MADE. ANDERSON SAID SINCE I ALREADY DID THE ENGINEERING PART OF WHAT NEEDS TO HAPPEN TO MAKE NEW BEAVER TAIL A REPLICA OF OLD BEAVER TAIL ABOUT 2 OR 3 HOUR LABOR TO MAKE REPAIRS SO MOSTLY TOPS OF \$350.00 TO MAKE REPAIRS FOR EVERYTHING TO LINE UP CORRECTLY SO WE DON'T HAVE TO ALTER REAR OF MACHINE TO MAKE WRONG FITTING PART WORK, WITH ANDERSON WELDING BEING CERTIFIED WELDER AND CHANGING NEW DESIGN BEAVER TAIL TO MATCH OUR OLD BEAVER TAIL THIS DOES NOT ALTER ANYTHING, MAKING IT THE SAME AS IT WAS WHEN WE BOUGHT IT, THIS DOES NOT MAKE IT UNSAFE BY ANYMEANS OR AFFECT INSPECTIONS FOR FUTURE POSSIBLE ACCIDENTS WITH MACHINE IF INSURANCE IS INVOLVED FOR ANY REASON. OUR IN HOUSE CERTIFIED WELDER JERRY ANGLE IS GOING TO WELD THE REWORKED BEAVER TAIL TO MACHINE AFTER ANDERSON IS DONE WITH IT. ALL SPECS WILL MATCH ORIGINAL BUILD TO WHAT IT WAS WHEN WE BOUGHT IT AND STILL MATCH OUR TWIN MOWER AS WE HAVE 2 OF THESE MACHINES. PARTS MANAGER JON DIBBENS AT HARPER INDUSTRIES AGREES WITH WHAT IM DOING TO MAKE CHANGES TO BEAVER TAIL AS AN ASSEMBLY TO MAKE IT RIGHT TO OUR MACHINE AS I HAVE SENT MANY EMAILS AND CONVERSATIONS BACK AND FORTH BEFORE THIS FINAL DECISION.

#49 A COURTESY CAR CHECK FUEL AND BATTERY POWER TO ENSURE IT STARTS & RUNS

#52 FD 2009 FREIGHTLINER BATTERIES GOING DEAD WHEN SITS FOR A FEW DAYS. LOOKING INTO POSSIBLE ISSUES AS BATTERIES ARE NEW AS OF JAN 2025, CHARGED BATTERIES AT FIRE STATION WITH THERE CHARGER TO BE ABLE TO START TRUCK TO GET IT TO CITY SHOP, ENGINE RUNNING VOLTAGE TEST SHOWS SYSTEM IS NOT CHARGING. SHOWS TO BE 12V AND DROPPING. SHOULD BE ATLEAST 13.5-14.7 FOR ALTERNATOR TO BE WORKING TO CHARGE BATTERIES WHEN ENGINE IS RUNNING. PRICE CHECKING ALTERNATORS AND FOUND FARMERS OIL TO BE ABLE TO GET US BEST PRICE ON NEEDED PART, SO PART WAS ORDERED THROUGH THEM. ALTERNATOR WAS UNDER 290\$ THROUGH THEM, NAPA WANTED 500\$ FOR A REMAN, ONLINE TO BE SHIPPED WAS 355\$, FARMERS OIL DELIVERED PART TO ME. REMOVE AND REPLACE ALTERNATOR. TRYING TO CHARGE ALL 3 BATTERIES, FOUND THAT CITY SHOP BATTERY CHARGER IS NOT WORKING CORRECTLY, REPLACED SHOP BATTERY CHARGER WITH NEW CHARGER FROM NAPA. CHARGED BATTERIES, PERFORMED LOAD & VOLTAGE TEST, FOUND 2 OF THE 3 BATTERIES TO TEST BAD AND NEEDS REPLACED. ALL 3 BATTERIES WAS PUT IN JAN 2025 & STILL UNDER WARRANTY SO WE GET FREE REPLACEMENT OF THESE 2 BATTERIES. SYSTEM NOW CHARGES 14.0 VOLTS WHEN ENGINE IS RUNNING. HOLDING A VOLTAGE WHEN TRUCK IS SHUT OFF NOW. SERVICE TRUCK, CHANGE OIL AND FILTER, BOTH FUEL FILTERS, ENGINE AIR FILTER, GREASED UJOINTS AND FRONT END.

#56 FD 2000 PIERCE AIR STEPS NOT GOING UP OR DOWN ON THERE OWN WHEN DOORS OPEN AND CLOSE. DRAINED A LOT OF WATER OUT OF AIR LINE DRAIN VALVES FOR DOOR STEPS, DRAINED ALL OTHER AIR TANKS AS WELL. NONE OF THE AIR LIFT, DROP STEP'S WORK SO I AM SUSPECT OF STEP CONTROL MODULE FAILURE, OR BLOWN FUSE, BAD RELAY THAT GOES TO DOOR JAM SWITCH'S TO TELL MODULE DOOR IS OPEN OR SHUT HAS A ISSUE SINCE ALL 4 STEPS ARE NOT WORKING. TRYING TO LOCATE AREA WHERE THESE ITEMS ARE TO CHECK BUT HAVE NOT FOUND THEM YET.

PREPARING WORK ORDERS, FILING REPAIR ORDERS, GOING OVER EMAILS, CLEAN UP SHOP, PUT TOOLS AWAY, ORGANIZED WORK BENCH, HUNG UP ITEMS ABOVE WORK BENCH TO MAKE MORE WORK SPACE, SWEEP FLOOR, TAKE OUT TRASH.

#40 S 2025 ELGIN SWEEPER ANOTHER GREASE LINE THAT IS PART OF THE AUTOMATIC GREASE SYSTEM HAS FORMED A PIN HOLE IN ONE OF THE PLASTIC LINES LETTING GREASE SQUIRT OUT OF IT MAKING A MESS ON THE OUTER FRAME REVEALING ITS SELF AS BAD. CALLED JOE FROM KEY EQUIPMENT AND HE IS COMING TO MAKE REPAIR AS THIS IS UNDER WARRANTY NO COST TO US TO FIX. ASSISTED JOE FROM KEY EQUIPMENT ON REPAIR, TALKED ABOUT THINGS THAT NEED SERVICED OR CHANGED AT 50HRS BREAK IN RUN TIME. HE SHARED TRICKS AND TIPS TO WORKING ON MACHINE FOR FUTURE REPAIR SERVICE WORK.

#4 P 2019 F250 DRIVER REAR BRAKE LIGHT NOT WORKING, REPLACED BULB TO FIX PROBLEM. CHECKED ALL OTHER LIGHT'S.

#10 SP SHOP TRUCK ORGANIZED TOOLS IN TOOL BOX BED, REPLACED MISSING ITEMS LIKE SOCKETS AND RATCHETS FROM EXTRA SHOP TOOL BOX INVOTORY TO MAKE COMPLETE TOOL SETS AGAIN TO BE HANDY IN SERVICE TRUCK FOR ON SERVICE CALL REPAIRS.