EXISTING EQUIPMENT TO BE REMOVED LEGEND

- EXISTING SIGNAL HEAD TO BE REMOVED
- EXISTING SIGNAL HEAD WITH BACKPLATE TO BE REMOVED
- EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- EXISTING ALUMINUM MAST ARM ASSEMBLY AND FOUNDATION TO BE REMOVED
- "E" EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- "E" EXISTING HANDHOLE TO BE REMOVED
- "E" EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD TO BE REMOVED AND RELOCATED TO NEW SIGNAL
- EXISTING PEDESTRIAN PUSHBUTTON TO BE REMOVED
- EXISTING EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED AND RELOCATED TO NEW SIGNAL
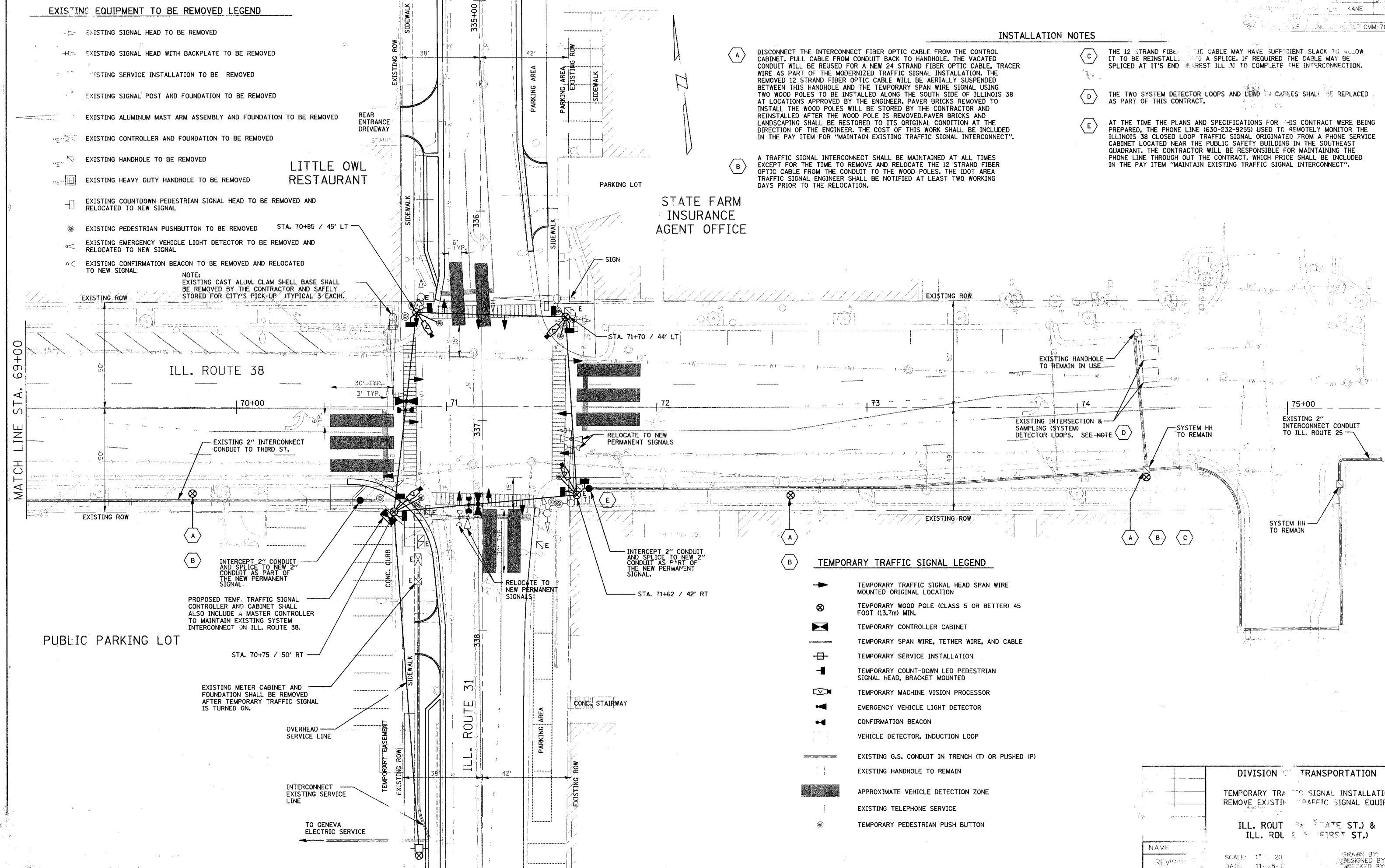- EXISTING CONFIRMATION BEACON TO BE REMOVED AND RELOCATED TO NEW SIGNAL

NOTE:
EXISTING CAST ALUM. CLAM SHELL BASE SHALL BE REMOVED BY THE CONTRACTOR AND SAFELY STORED FOR CITY'S PICK-UP (TYPICAL 3 EACH).

INSTALLATION NOTES

(A) DISCONNECT THE INTERCONNECT FIBER OPTIC CABLE FROM THE CONTROL CABINET. PULL CABLE FROM CONDUIT BACK TO HANDHOLE. THE VACATED CONDUIT WILL BE REUSED FOR A NEW 24 STRAND FIBER OPTIC CABLE, TRACER WIRE AS PART OF THE MODERNIZED TRAFFIC SIGNAL INSTALLATION. THE REMOVED 12 STRAND FIBER OPTIC CABLE WILL BE AERIALLY SUSPENDED BETWEEN THIS HANDHOLE AND THE TEMPORARY SPAN WIRE SIGNAL USING TWO WOOD POLES TO BE INSTALLED ALONG THE SOUTH SIDE OF ILLINOIS 38 AT LOCATIONS APPROVED BY THE ENGINEER. PAVER BRICKS REMOVED TO INSTALL THE WOOD POLES WILL BE STORED BY THE CONTRACTOR AND REINSTALLED AFTER THE WOOD POLE IS REMOVED. PAVER BRICKS AND LANDSCAPING SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE DIRECTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM FOR "MAINTAIN EXISTING TRAFFIC SIGNAL INTERCONNECT".

(B) A TRAFFIC SIGNAL INTERCONNECT SHALL BE MAINTAINED AT ALL TIMES EXCEPT FOR THE TIME TO REMOVE AND RELOCATE THE 12 STRAND FIBER OPTIC CABLE FROM THE CONDUIT TO THE WOOD POLES. THE IDOT AREA TRAFFIC SIGNAL ENGINEER SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE RELOCATION.

(C) THE 12 STRAND FIBER OPTIC CABLE MAY HAVE SUFFICIENT SLACK TO ALLOW IT TO BE REINSTALLED INTO A SPLICE. IF REQUIRED THE CABLE MAY BE SPLICED AT IT'S END NEAREST ILL 31 TO COMPLETE THE INTERCONNECTION.

(D) THE TWO SYSTEM DETECTOR LOOPS AND LEAD IN CABLES SHALL BE REPLACED AS PART OF THIS CONTRACT.

(E) AT THE TIME THE PLANS AND SPECIFICATIONS FOR THIS CONTRACT WERE BEING PREPARED, THE PHONE LINE (630-232-9255) USED TO REMOTELY MONITOR THE ILLINOIS 38 CLOSED LOOP TRAFFIC SIGNAL ORIGINATED FROM A PHONE SERVICE CABINET LOCATED NEAR THE PUBLIC SAFETY BUILDING IN THE SOUTHEAST QUADRANT. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PHONE LINE THROUGH OUT THE CONTRACT, WHICH PRICE SHALL BE INCLUDED IN THE PAY ITEM "MAINTAIN EXISTING TRAFFIC SIGNAL INTERCONNECT".

TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MIN.
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY COUNT-DOWN LED PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- TEMPORARY MACHINE VISION PROCESSOR
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- EXISTING G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- EXISTING HANDHOLE TO REMAIN
- APPROXIMATE VEHICLE DETECTION ZONE
- EXISTING TELEPHONE SERVICE
- TEMPORARY PEDESTRIAN PUSH BUTTON

LITTLE OWL RESTAURANT

STATE FARM INSURANCE AGENT OFFICE

PARKING LOT

SIGN

ILL. ROUTE 38

ILL. ROUTE 31

PUBLIC PARKING LOT

RELOCATE TO NEW PERMANENT SIGNALS

EXISTING 2" INTERCONNECT CONDUIT TO THIRD ST.

INTERCEPT 2" CONDUIT AND SPLICE TO NEW 2" CONDUIT AS PART OF THE NEW PERMANENT SIGNAL.

PROPOSED TEMP. TRAFFIC SIGNAL CONTROLLER AND CABINET SHALL ALSO INCLUDE A MASTER CONTROLLER TO MAINTAIN EXISTING SYSTEM INTERCONNECT ON ILL. ROUTE 38.

INTERCEPT 2" CONDUIT AND SPLICE TO NEW 2" CONDUIT AS PART OF THE NEW PERMANENT SIGNAL.

RELOCATE TO NEW PERMANENT SIGNALS

EXISTING METER CABINET AND FOUNDATION SHALL BE REMOVED AFTER TEMPORARY TRAFFIC SIGNAL IS TURNED ON.

OVERHEAD SERVICE LINE

INTERCONNECT EXISTING SERVICE LINE

TO GENEVA ELECTRIC SERVICE

EXISTING HANDHOLE TO REMAIN IN USE

EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTOR LOOPS. SEE NOTE (D)

SYSTEM HH TO REMAIN

EXISTING 2" INTERCONNECT CONDUIT TO ILL. ROUTE 25

SYSTEM HH TO REMAIN

MATCH LINE STA. 69+00

REAR ENTRANCE DRIVEWAY

STA. 70+85 / 45' LT
STA. 71+70 / 44' LT
STA. 71+62 / 42' RT
STA. 70+75 / 50' RT