TECHNOLOGY
Office of Driver Services
Iowa
Technology

- Central Issuance
- Image Verification
1919

Iowa’s first driver’s license.

Issued to chauffeurs only.

Metal pin usually worn on the hat.

$2.00
Chauffeur’s Pin
In 1932, Iowa’s General Assembly required a driver’s license for operators of all automobiles.

$.25
1932 Operator’s License

No. 77-75087 OPERATOR’S LICENSE
State of Iowa
Motor Vehicle Dept.
Always carry this license with you

NOTICE
This copy to be torn off on a minor offense by judge and mailed to Secretary of State,
Motor Vehicle Dept., if convicted.

1932-1933

Signature
Not valid unless endorsed by licensee.

FIRST OFFENSE

No. 77-75087 OPERATOR’S LICENSE
State of Iowa
Motor Vehicle Dept.
Always carry this license with you

NOTICE
This copy to be torn off on a minor offense by judge and mailed to Secretary of State,
Motor Vehicle Dept., if convicted.

1932-1933

Signature
Not valid unless endorsed by licensee.

SECOND OFFENSE

No. 77-75087 OPERATOR’S LICENSE
State of Iowa
Always carry this license with you

EDNA PHILLIPS
3320 - 54 ST
DES MOINES, IOWA

Age Sex Weight Color Eyes Color Hair Height Race
19 F 106 INCHES 5-5 1

Above described person is hereby licensed to operate a motor vehicle in accordance with
the provisions of Section 4900-51 et seq. Code of Iowa, 1931.

Signature
Not valid unless endorsed by licensee.

SECRETARY OF STATE

No. 77-75087 OPERATOR’S LICENSE
State of Iowa
Always carry this license with you

EDNA M. PHILLIPS

Signature
Not valid unless endorsed by licensee.

SECRETARY OF STATE
1932 Operator’s License

POLICE OFFICER’S WARNING

<table>
<thead>
<tr>
<th>Date</th>
<th>Violation</th>
<th>Officer’s Name</th>
<th>Town</th>
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OPERATOR’S PLEDGE

1. I will think ahead.
2. I will always be careful.
3. I will assume responsibility.
4. I will give pedestrians the right of way.
5. I will always slow down.
6. I will obey traffic regulations.
7. I will always have my car under control.
8. I will give the other fellow a chance.
9. I will specially watch for children and old people.
10. I will observe the Golden Rule.

CHANGE OF ADDRESS

Street: 830 N. La Salle
Name: [Handwritten]
Town: Chicago

IMPORTANT

The Licensee shall have this license in his immediate possession at all times when driving a motor vehicle and shall display same upon demand.

Should the license become lost, make application for a duplicate license at once.

Licensee must notify, State of Iowa, Motor Vehicle Dept., Des Moines, promptly on removal from one county to another, upon form provided for same.
Operator’s Pledge

- I will think ahead.
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1950 Graphic

OLIVER EDWARD HOWLAND

614 3RD STREET

COUNCIL BLUFFS, IOWA

3-15-98  M  3-15-52  GRY  5-5  W

1244560  PAINTER

ABOVE PERSON IS HEREBY LICENSED TO OPERATE A MOTOR VEHICLE
Current Iowa License
REAL ID Rules (6 CFR Part 37) require compliance if licenses and ID cards are to be acceptable for federal purposes.

- Minimum security features.

- Balanced set of features with multiple layers of security.

- No easy reproduction using common technology.
Technology – Central Issuance

- Difficult and expensive to install equipment capable of producing compliant cards at all DL stations.

- Central Issuance allows final manufacture of DL/IDs at a single & secure central site.

- The central site meets all security standards for storage of materials used.
Applications are taken at all Iowa DL stations.

Source identity documents are electronically verified via Document Authentication software.

An interim card stock license is produced.

Application is sent electronically to the central site.
ATTENTION: Your permanent License/ID card will be mailed to:
LastName With Max of 28 Char, FirstName MiddleName Suffixxx
MailingAddress1 - 28 MaxChars
MailingAddress2 - 28 MaxChars
MailingCity 20MaxChr, IA 50301-0000

Your license will be mailed in an unmarked envelope
IT WILL NOT BE FORWARDED

This temporary document becomes invalid 30 days after issuance.

IOWA
COMMERCIAL DRIVER LICENSE

06/06/1976

If you do not receive your permanent License/ID in 21 days, please call 1-800-532-1121 for assistance.

VERIFY PRESENCE OF PAPER WATERMARK  HOLD TO LIGHT TO VIEW

USA
IA

LENNOX
MIDDLENAME SUFFIX
123 NORTH MAIN ST. EXXUUEXXU
APT. 1 EXXUUEXXU

EXXXUXEEXXXUXEEXXXU

123 NORTH MAIN ST. EXXXUXEEXXXU

DOB 06/06/1976
DD 7123456789LF1200000606D

Class XX
End XXXXX
Restrictions
XXX

Sax M
Hgt 5'04"
Eyes BRO
DONOR Y
MED ALERT Y
HEARING IMP Y
MED ADV DIR Y

Rev MRGDOCCYY
CLASS: C-Veh w/26000 GVWR or less & either 16 Passenger Design or Hazmat, M-Motorcycle
ENDORESEMENTS: P-Passenger, S-School Bus, T-Double and Triple Trailers, X-Combination Hazmat & Tank, H-Hazardous Material
RESTRICTIONS: B-Corrective Lenses, C-Mechanical Ail, E-Automatic Transmission, G-No driving when headlights are required, L-Limited Other-ignition Interlock Required, J-Must Stay Within 20 Mile Xxx. Medical Report Due June 2031, X Radius of Residence XXXXXX, this license is not valid Xxxx, N Except Class A and Class B bus, G-No interstate or freeway driving, T-Medical Report required at renewal.
Technology – Central Issuance

- During the interim period, additional security checks are done.
- Address verification.
- Image verification.
Technology – Central Issuance

- Normally, a final manufactured card reaches the customer within ten days via first-class mail.

- If a problem is detected, the gated system stops the manufacture of the final card and the case is referred for investigation.
Every face has distinguishable landmarks.

The peaks and valleys that make up facial features.
- Distance between eyes.
- Width of the nose.
- Depth of the eye sockets.
- Shape of the cheekbones.
- Length of the jaw line.
1. DL portrait/image is captured.
2. Eye locations are determined.
3. Image is converted to gray scale and cropped.
4. The image is converted to a template used by the search engine for facial comparison results.
5. Searching and matching using a sophisticated algorithm to compare the template to other templates on file.
6. Duplicate licenses are investigated for fraud.
Image Verification

- 75% match of template points.
- Approximately 35 hits per day.
- One or two may be fraud.
Image Verification

- Immigration
- Young drinkers
- Identity thieves
- Multiple licenses
United States Attorney’s Office – Northern District of Iowa. Press Release, 03-02-2010

Cedar Rapids man pleads guilty to bankruptcy fraud and theft of Social Security funds.

Criminal activity was discovered through software at the Iowa Department of Transportation that determined he had obtained driver’s licenses under both his true and alternate identities.
# Image Verification – Blue

**Issuance Status:** Exception

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</tr>
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<td>Address</td>
<td>105 5TH ST SW</td>
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<tr>
<td>City</td>
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<td>Restrictions</td>
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## Detail Gate Status

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<td>Exception</td>
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Exception | on 4/5/2011 12:47:54 PM |
Image Verification – Kasie

Issue Status: Exception

Last Name: KASIE
First Name: 
Document Number: 4358080021210
Transaction ID: 43580802121000000
Birth Date: 2006-12-02
Address: 114 N 6 ST
City: ESTHERVILLE
Restrictions: 

Detail Gate Status

FR Gate: (Exception)
Pending on 12/2/2010 2:44:53 PM

Step Name | Status | Date Started
----------|--------|-----------------
Enroll | Pending | 12/2/2010 2:44:53 PM
Enroll | Exception | 12/2/2010 2:44:53 PM

Exception on 12/2/2010 2:44:53 PM
Thank you.

Questions?