



HORIZONTAL SITE DISTANCE NOTES:

- 1. STATE ROUTE 34 MARKED SPEED LIMIT IS 40 MPH PER POSTED SPEED LIMIT SIGN.
- 2. DUE TO THE 40 MPH SPEED LIMIT, THE STOPPING SIGHT DISTANCE IS 305 FT.
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (305 FT)
D=DEGREE OF CURVE

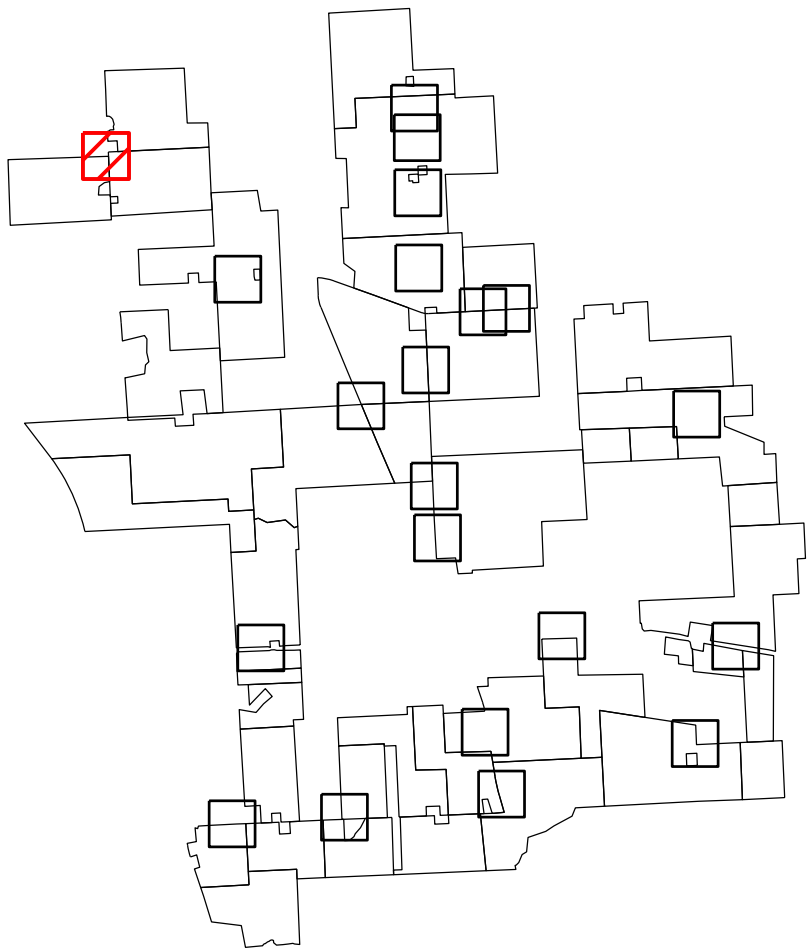
HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

- 1. STATE ROUTE 34 MARKED SPEED LIMIT IS 40 MPH PER POSTED SPEED LIMIT SIGN.
- 2. DUE TO THE 40 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 315 FT.
- 3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: **PASS**

KEYMAP:

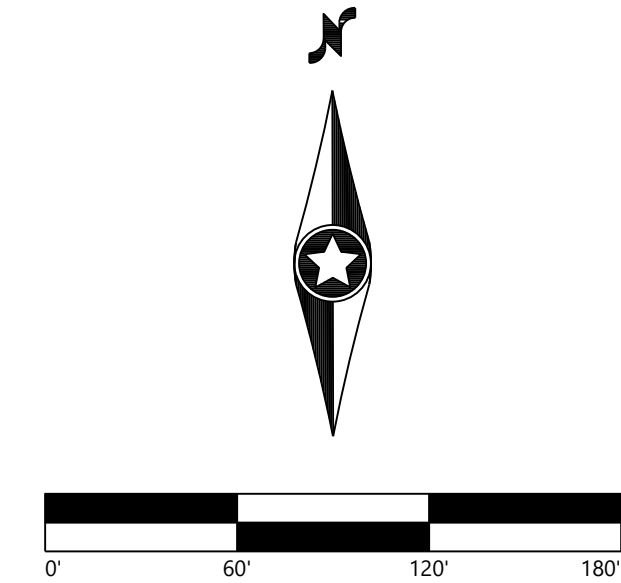


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Agricola Wind LLC

90 State Street
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Agricola Wind
Project

Cayuga County, New York

SIGHT DISTANCE ROAD
T-1

ISSUE FOR PERMIT

DATE: 09/06/2024 REV:
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HORIZONTAL SITE DISTANCE NOTES:

1. SHERWOOD RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

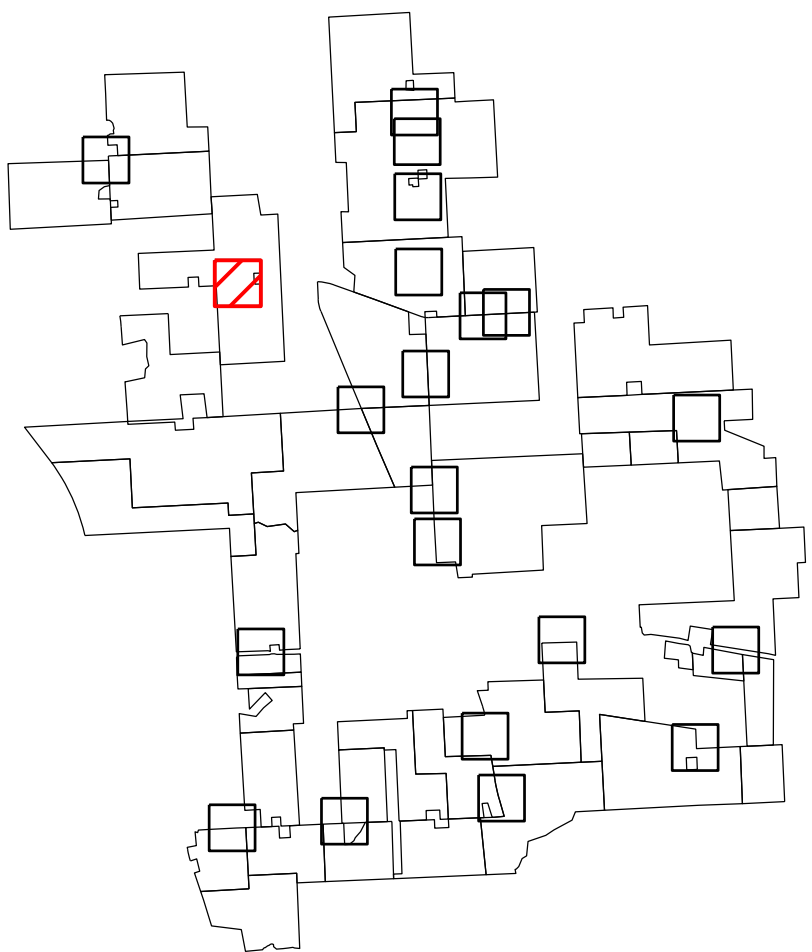
1. SHERWOOD RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 143 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

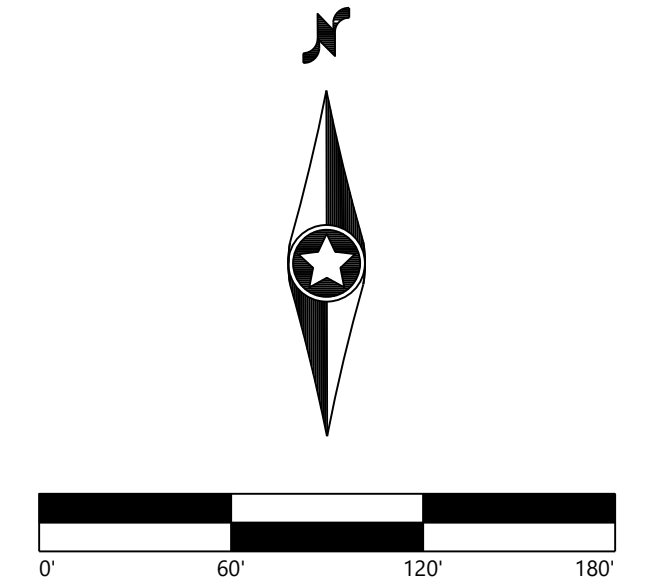


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**Agricola Wind
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Cayuga County, New York

**SIGHT DISTANCE ROAD
T-2 T-3**

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HORIZONTAL SITE DISTANCE NOTES:

- 1. ASSUMED SPEED LIMIT OF BURNS RD IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

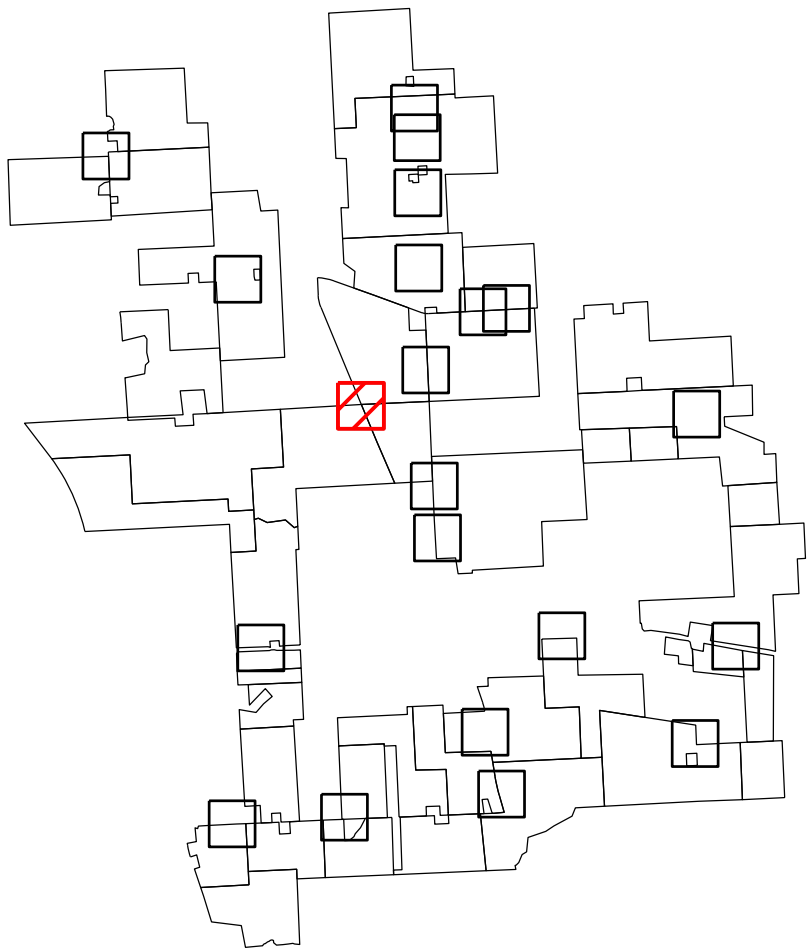
- 1. ASSUMED SPEED LIMIT OF BURNS RD IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
- 3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: **SEE NOTES BELOW**

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 200 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

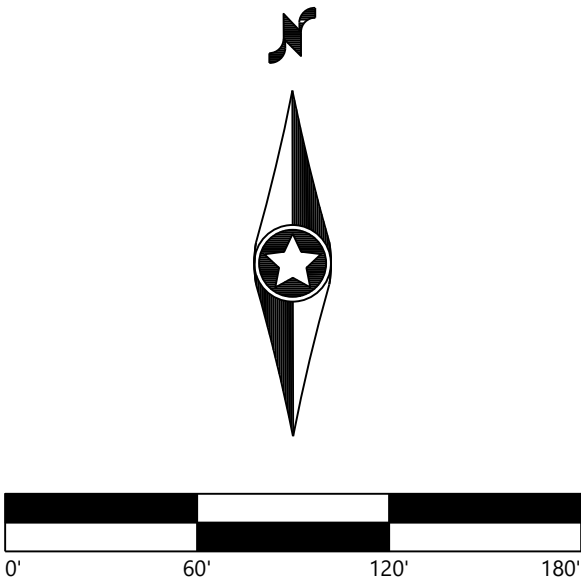


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SIGHT DISTANCE
ROAD T-14

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HORIZONTAL SITE DISTANCE NOTES:

1. WYCKOFF RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

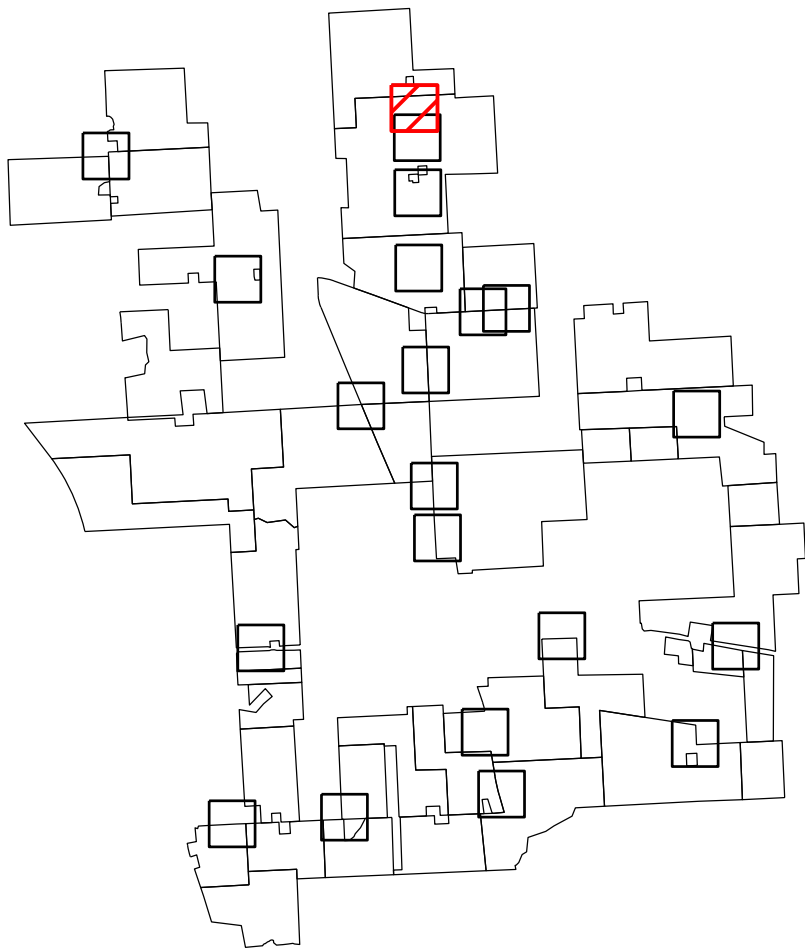
1. WYCKOFF RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 143 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

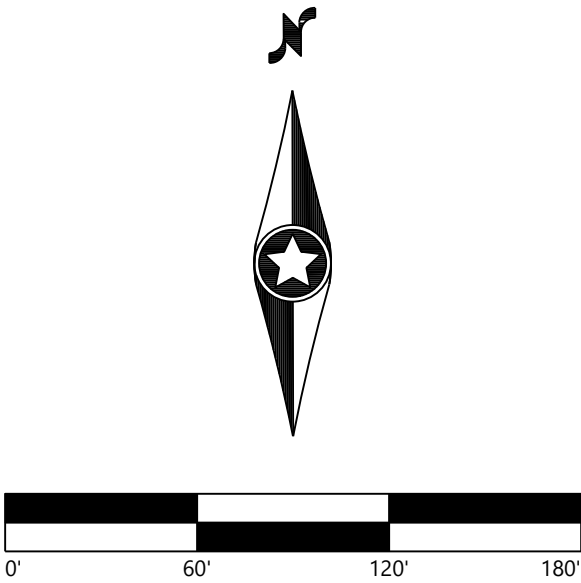


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**SIGHT DISTANCE
ROAD T-4 T-5**

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HORIZONTAL SITE DISTANCE NOTES:

1. WYCKOFF RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
$$M=R(1-\cos(SD/200))$$

M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

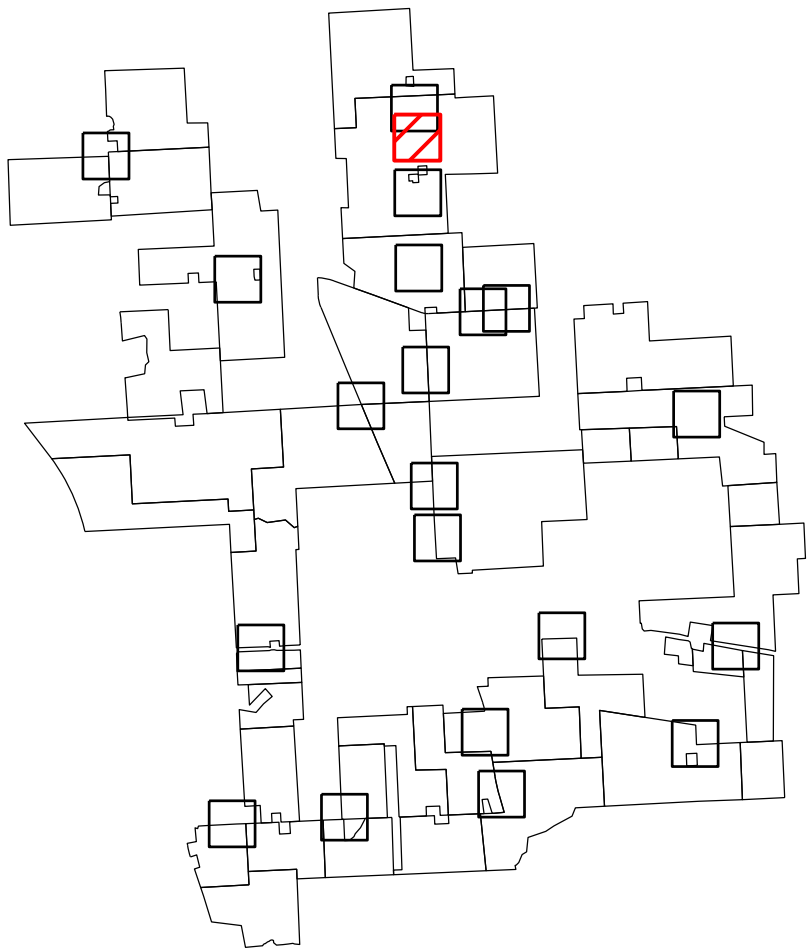
1. WYCKOFF RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 237 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

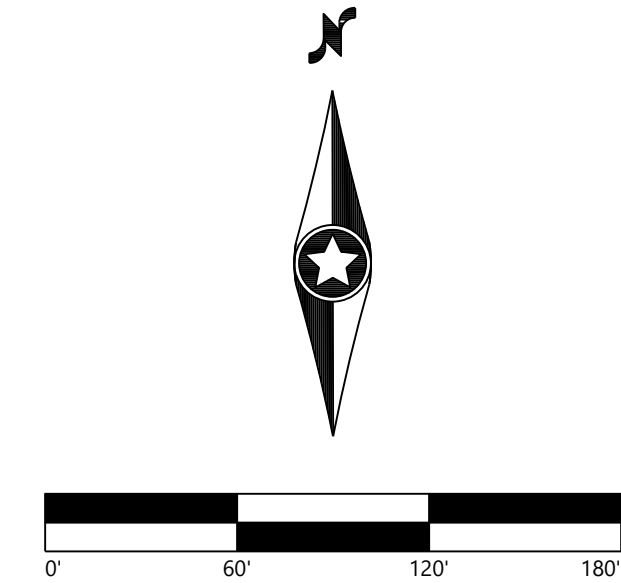


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**SIGHT DISTANCE
ROAD T-6**

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HORIZONTAL SITE DISTANCE NOTES:

- 1. WYCKOFF RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

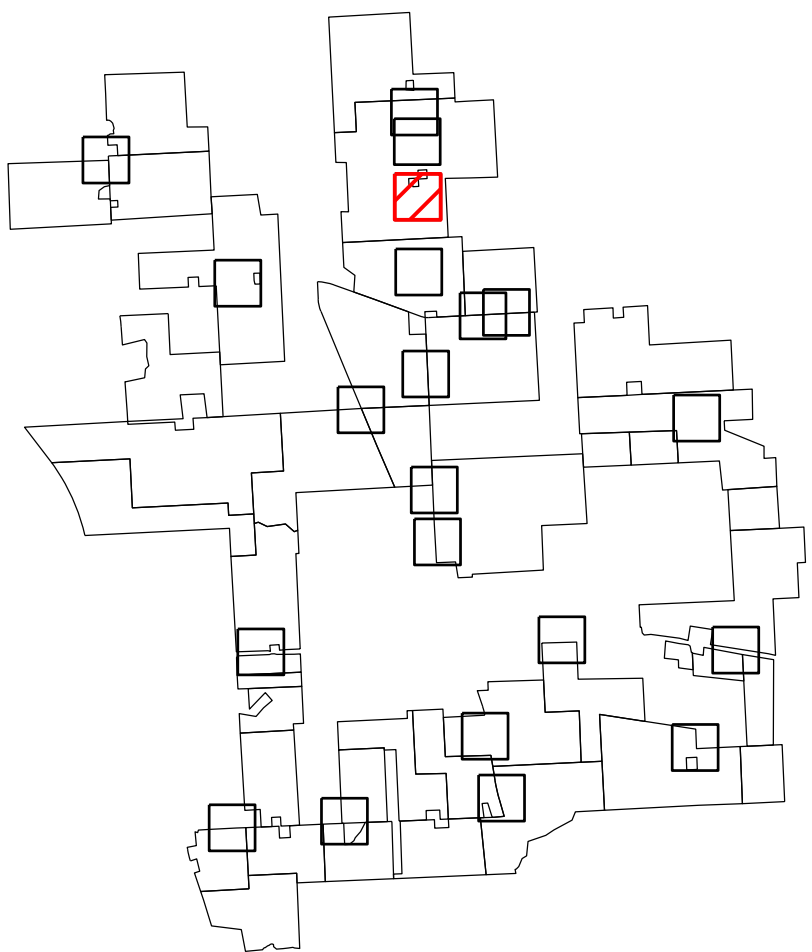
- 1. WYCKOFF RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
- 3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 344 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

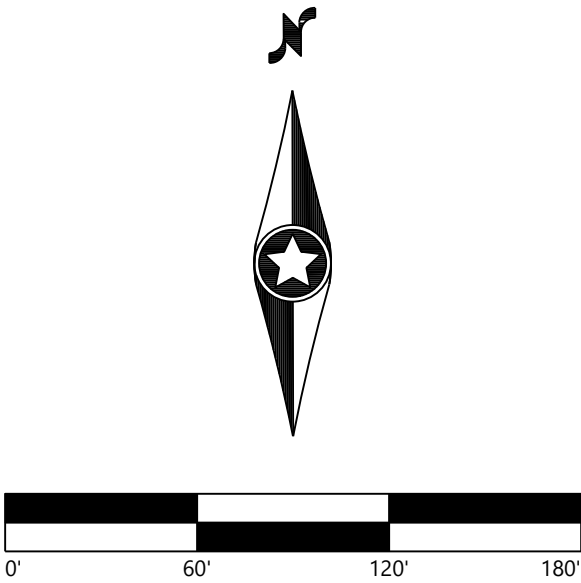


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**SIGHT DISTANCE
ROAD T-7**

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HORIZONTAL SITE DISTANCE NOTES:

1. WYCKOFF RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
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 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

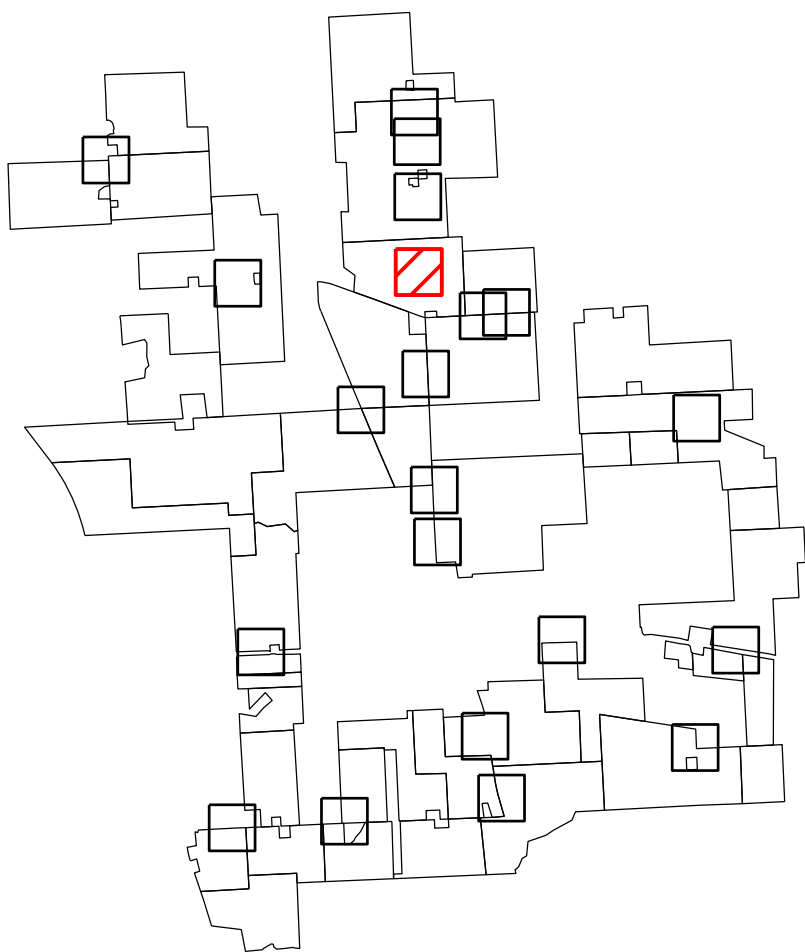
1. WYCKOFF RD ASSUMED SPEED LIMIT OF ROADS IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 289 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

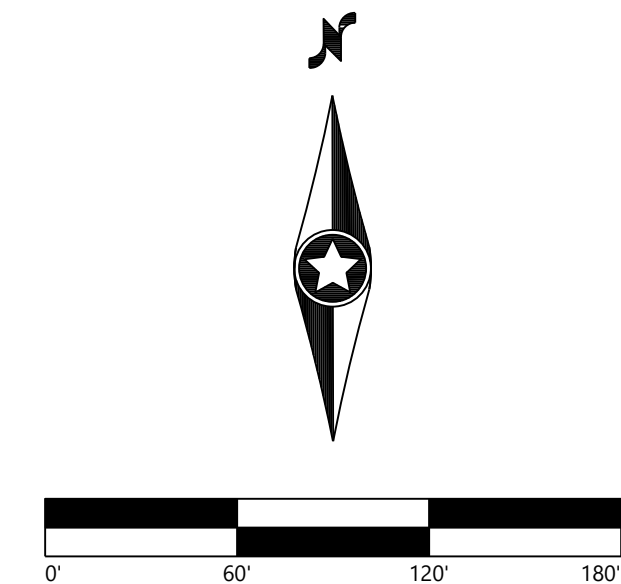


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Cayuga County, New York

**SIGHT DISTANCE
ROAD T-8**

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SHEET: SD.7

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HORIZONTAL SITE DISTANCE NOTES:

1. SHERWOOD RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
$$M=R(1-\cos(SD/200))$$

M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

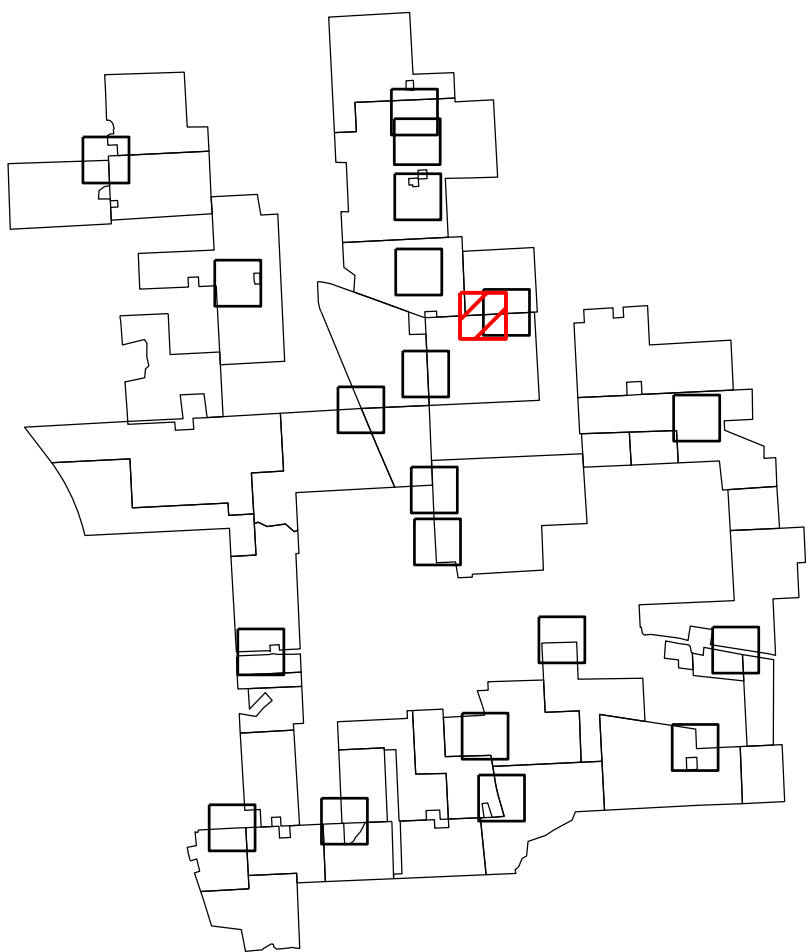
1. SHERWOOD RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 200 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

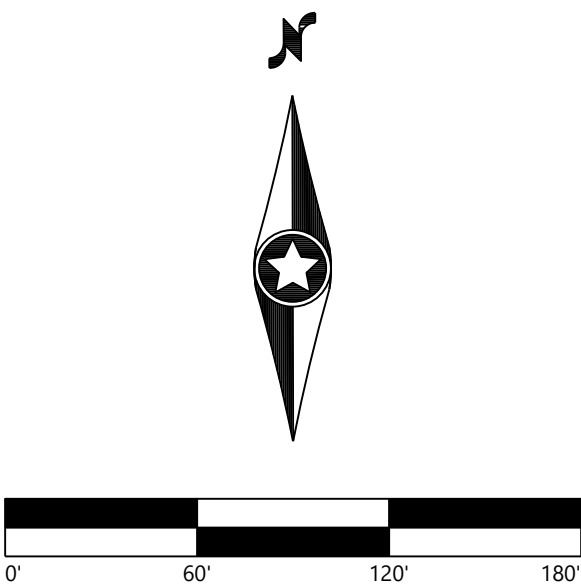


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Cayuga County, New York

**SIGHT DISTANCE
ROAD T-11**

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HORIZONTAL SITE DISTANCE NOTES:

1. SHERWOOD RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
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M=DISTANCE OF OBSTRUCTION TO ROAD LANE
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S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

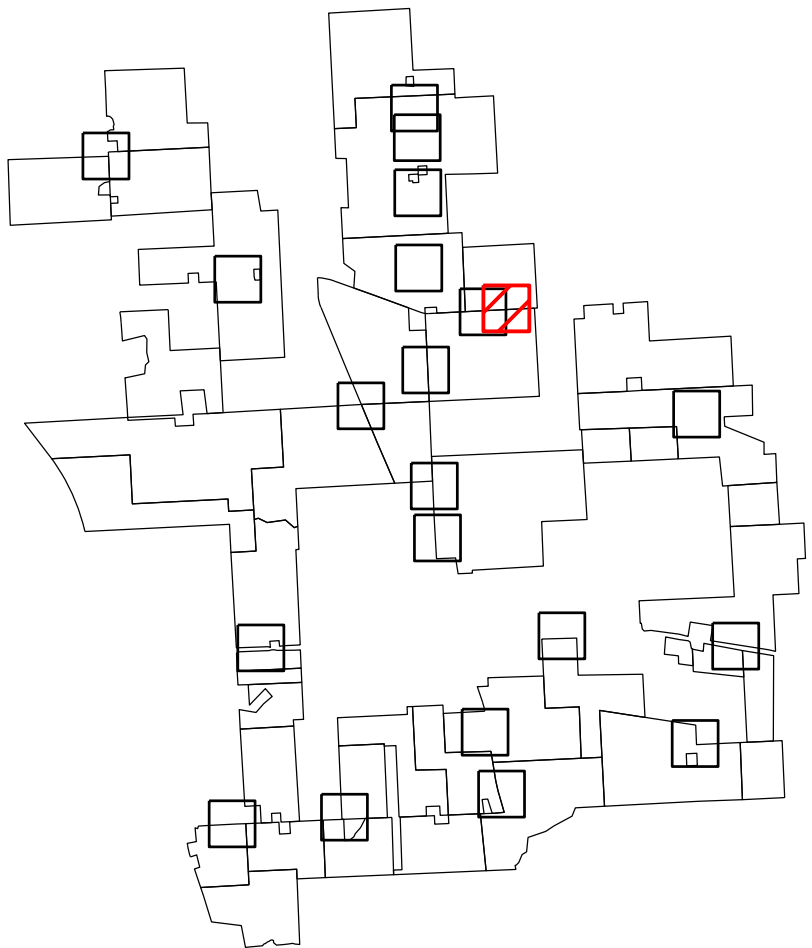
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VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 278 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

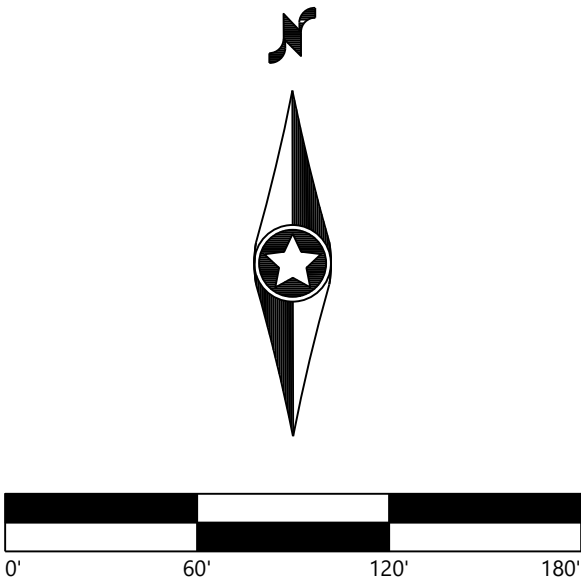


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**Agricola Wind
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Cayuga County, New York

**SIGHT DISTANCE
ROAD T-10**

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HORIZONTAL SITE DISTANCE NOTES:

1. GEIGER RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
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M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

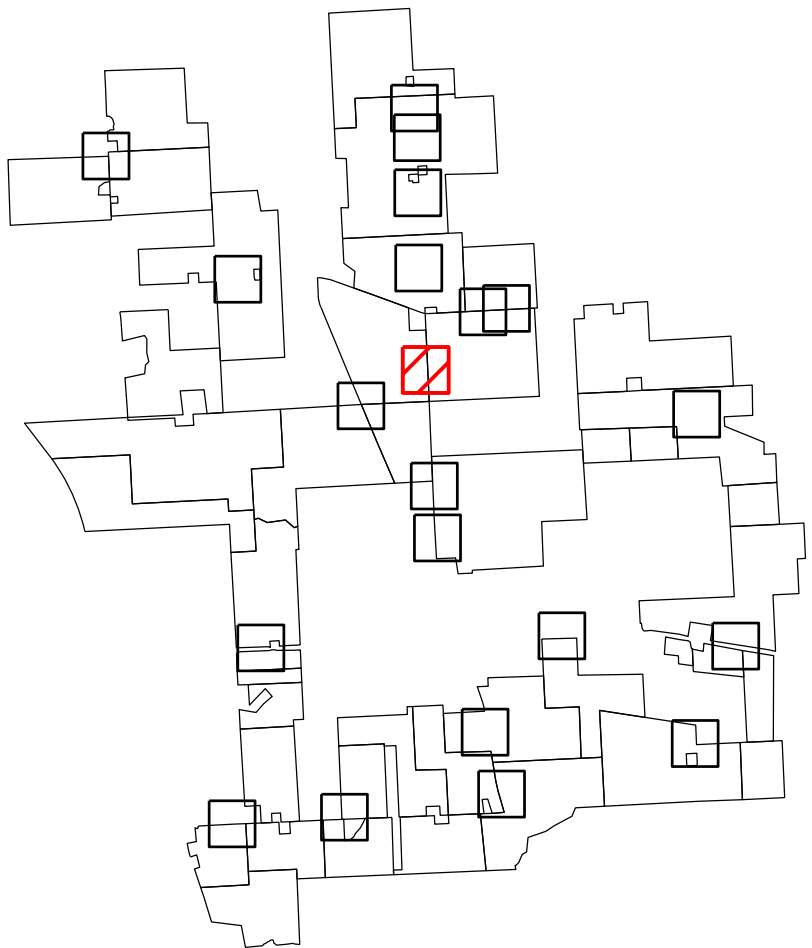
HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

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3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: PASS

KEYMAP:

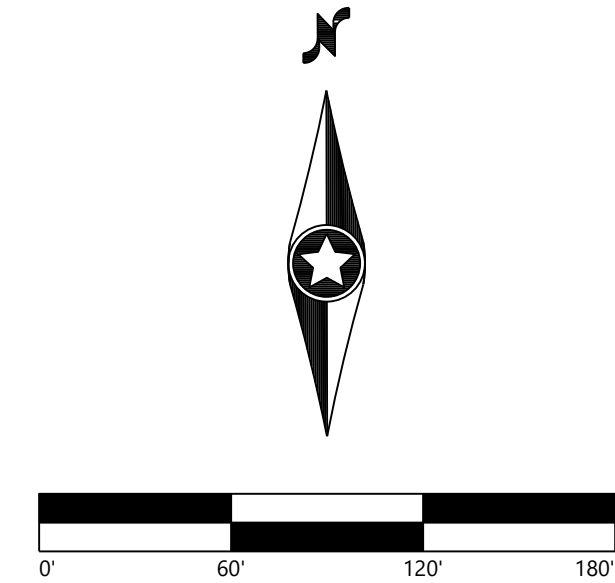


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Agricola Wind Project

Cayuga County, New York

**SIGHT DISTANCE
ROAD T-9**

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SHEET:	SD.10	0



HORIZONTAL SITE DISTANCE NOTES:

1. WELCH RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
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M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

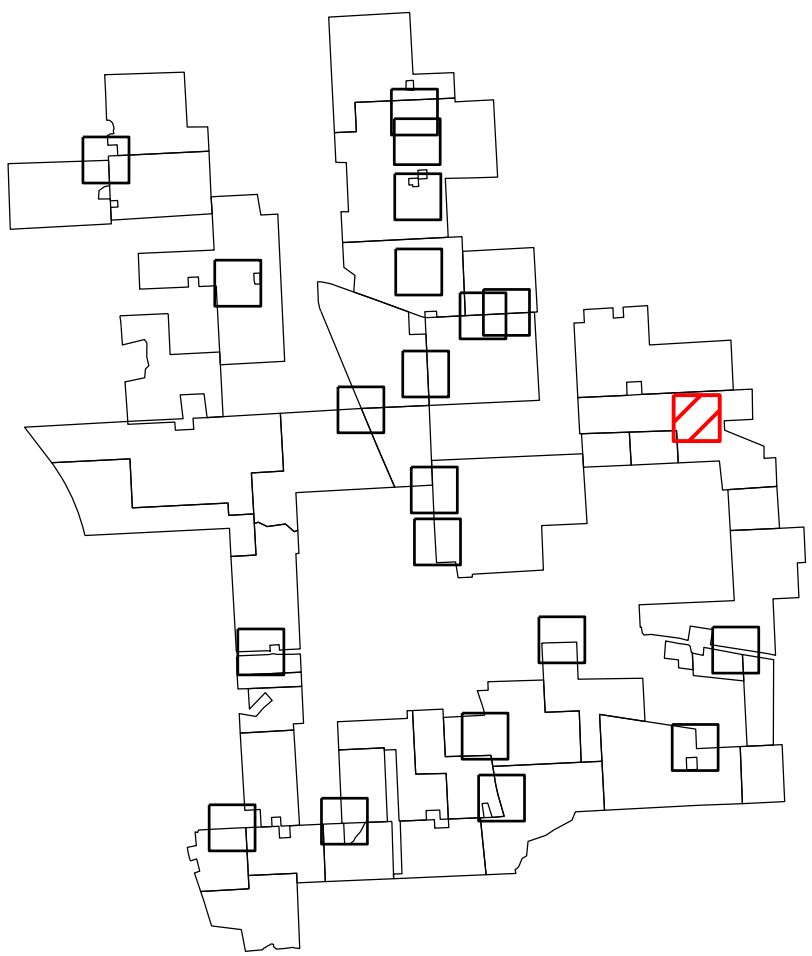
HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

1. WELCH RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
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VERTICAL SITE DISTANCE: PASS

KEYMAP:

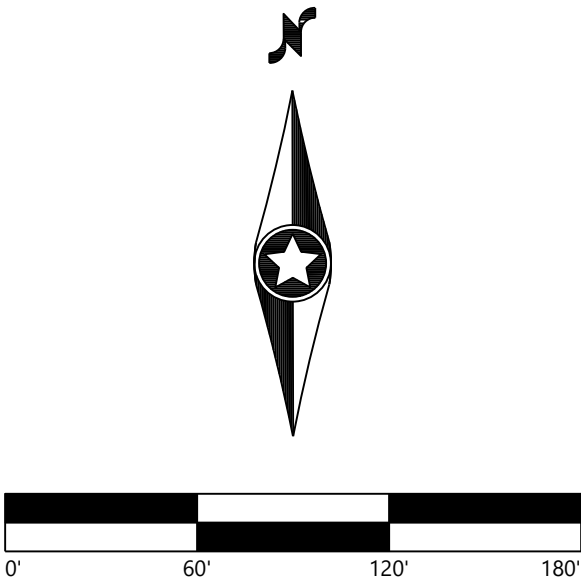


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**Agricola Wind
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**SIGHT DISTANCE
ROAD T-12**

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DATE: 09/06/2024

SHEET: SD.11

REV:
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HORIZONTAL SITE DISTANCE NOTES:

- 1. GEIGER RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
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S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

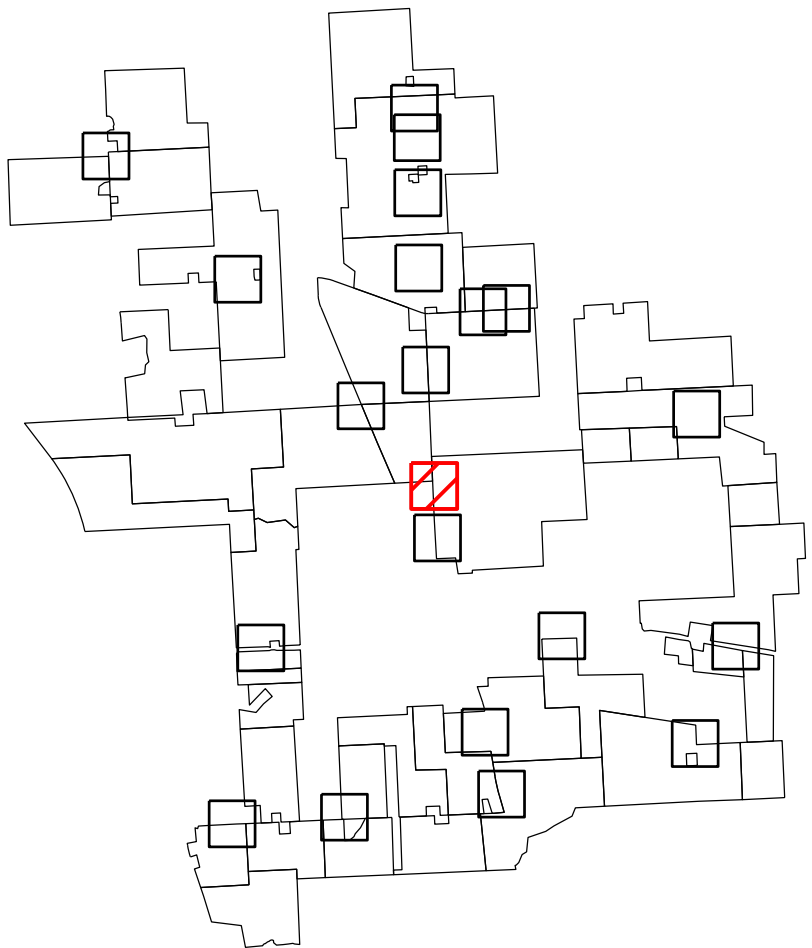
HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

- 1. GEIGER RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
- 3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: **PASS**

KEYMAP:

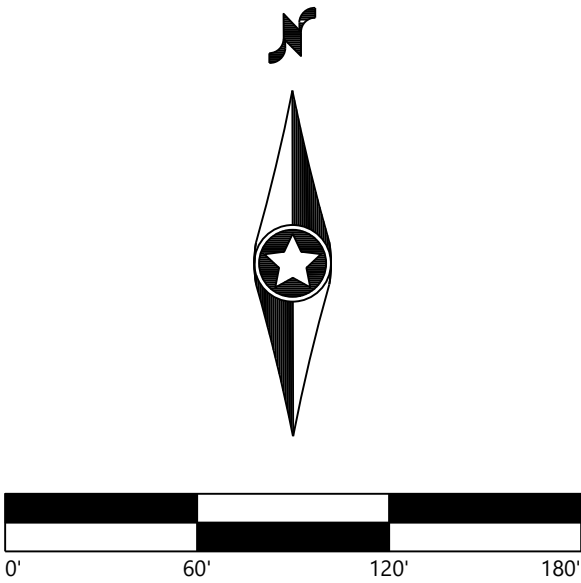


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Agricola Wind Project

Cayuga County, New York

SIGHT DISTANCE ROAD
T-16

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SHEET:	SD.12	0



HORIZONTAL SITE DISTANCE NOTES:

- 1. GEIGER RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

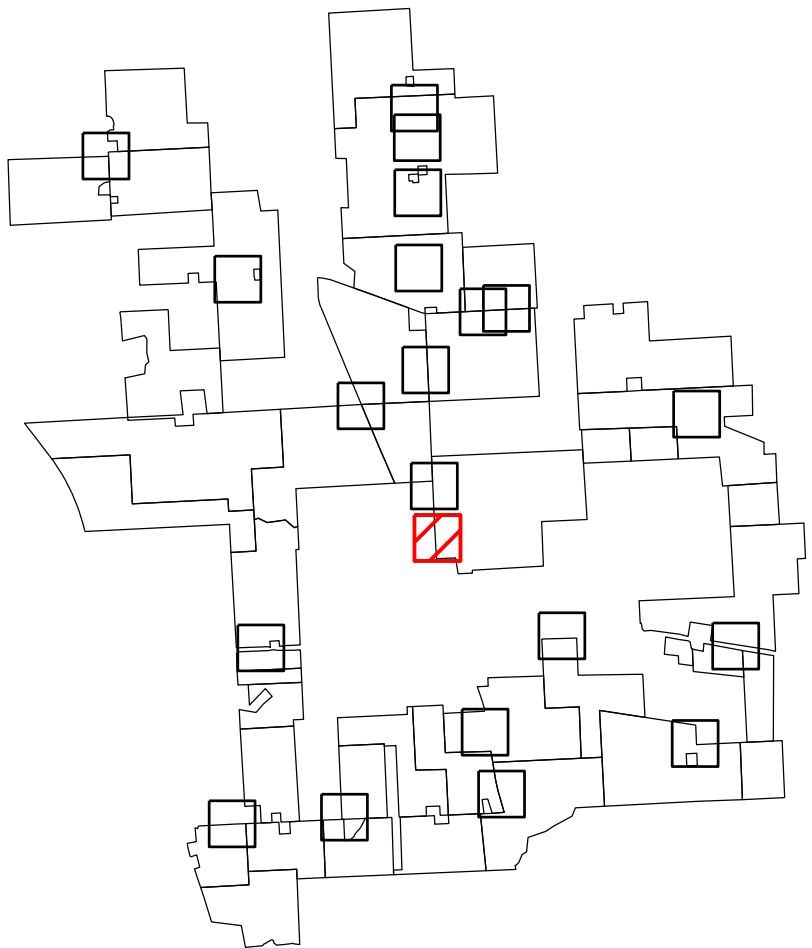
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- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
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VERTICAL SITE DISTANCE: **SEE NOTES BELOW**

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 237 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

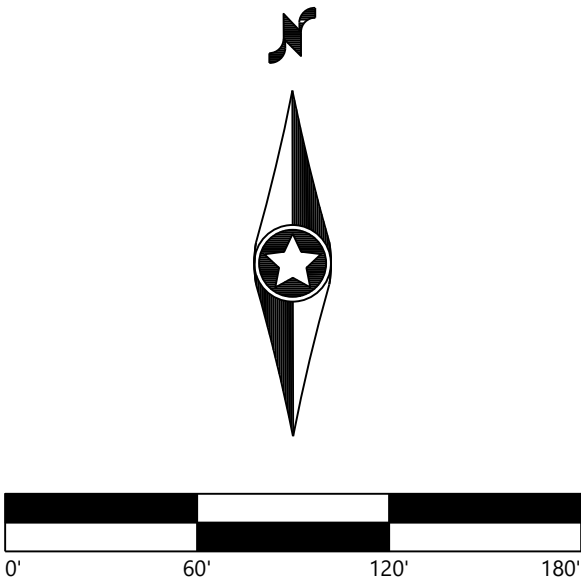


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SIGHT DISTANCE
ROAD T-17

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REV: 0



HORIZONTAL SITE DISTANCE NOTES:

- 1. LONG HILL RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
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M=DISTANCE OF OBSTRUCTION TO ROAD LANE
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S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

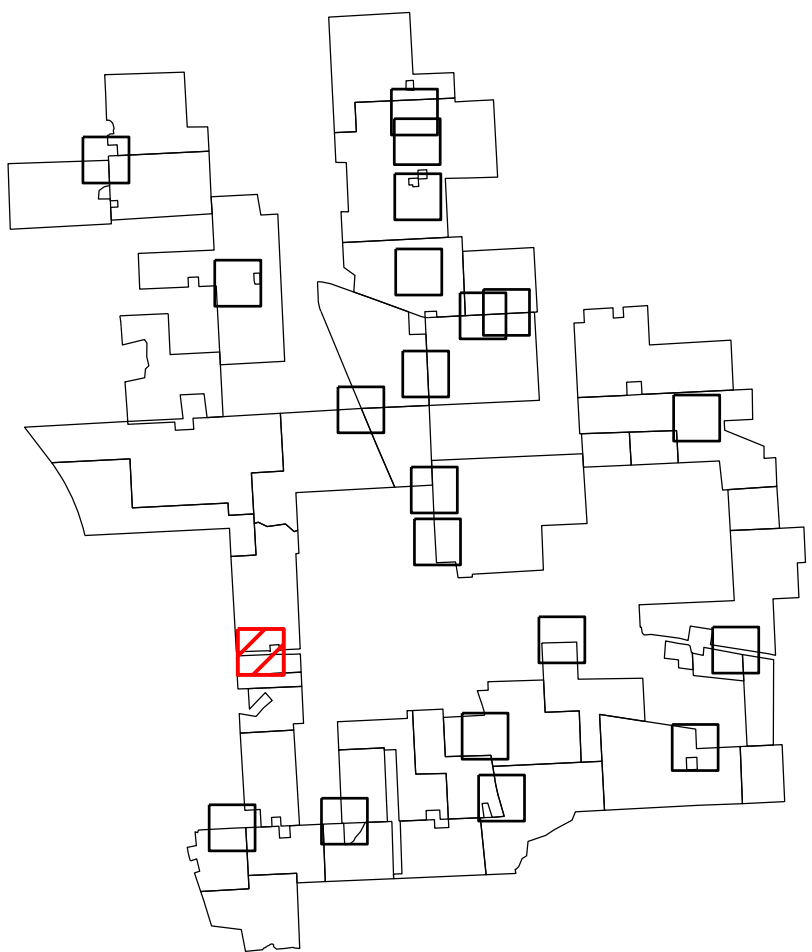
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- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
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VERTICAL SITE DISTANCE: **SEE NOTES BELOW**

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 237 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

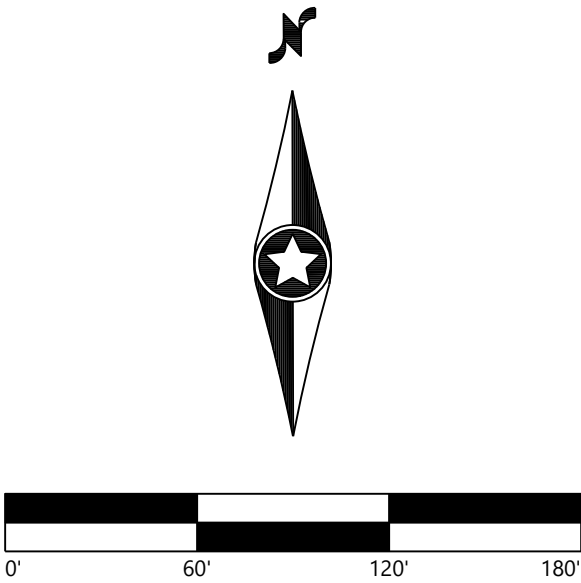


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Cayuga County, New York

SIGHT DISTANCE
ROAD T-15

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HORIZONTAL SITE DISTANCE NOTES:

- 1. LONG HILL RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
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M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

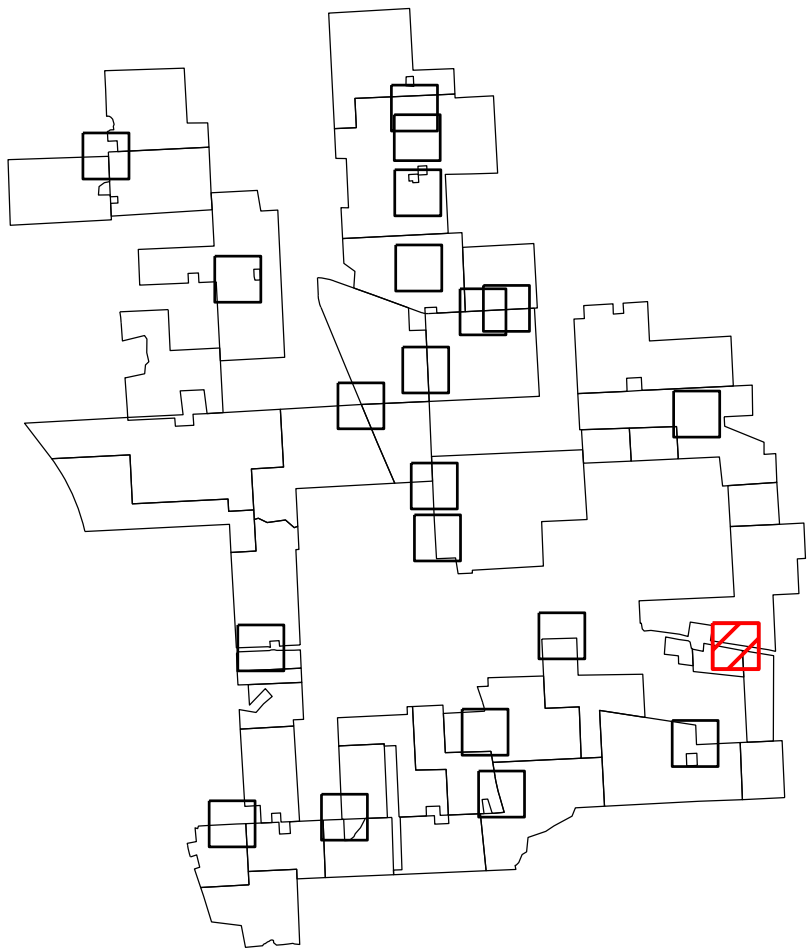
- 1. LONG HILL RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
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VERTICAL SITE DISTANCE: **SEE NOTES BELOW**

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 289 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

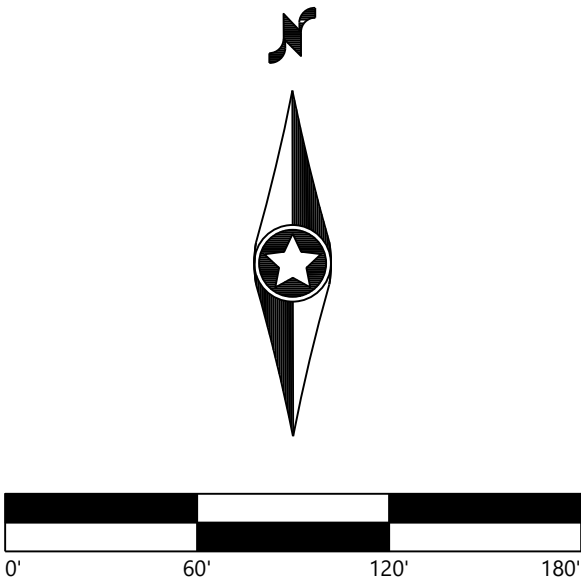


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SIGHT DISTANCE
ROAD T-18

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HORIZONTAL SITE DISTANCE NOTES:

- 1. LONG HILL RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
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M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

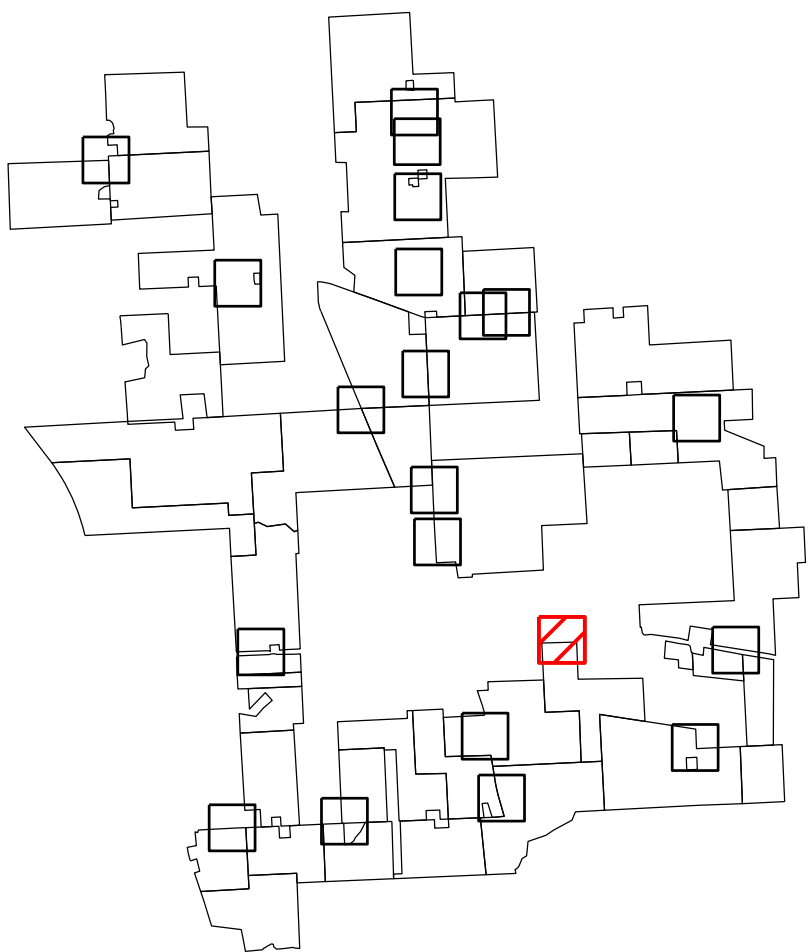
HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

- 1. LONG HILL RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
- 3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: **PASS**

KEYMAP:

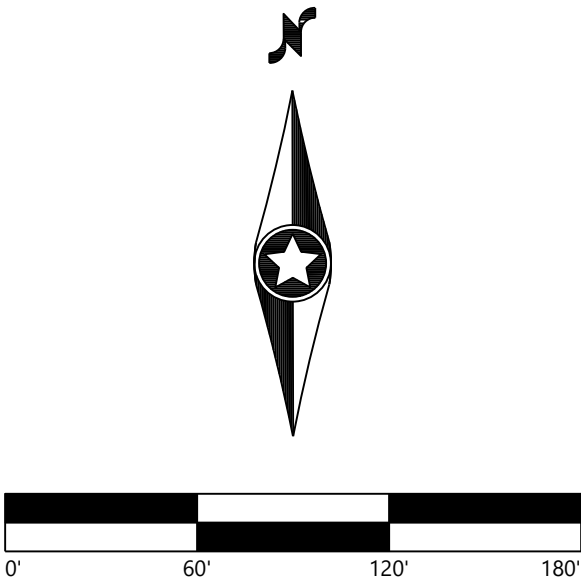


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SIGHT DISTANCE
ROAD T-20

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HORIZONTAL SITE DISTANCE NOTES:

- 1. FORD RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

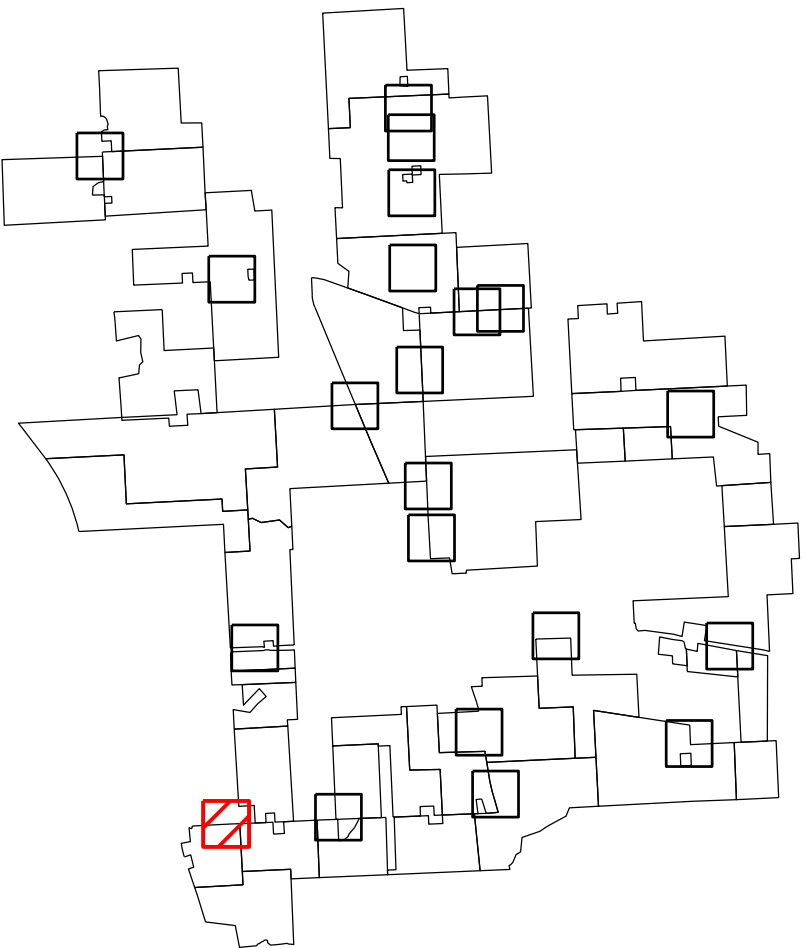
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- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
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VERTICAL SITE DISTANCE: **SEE NOTES BELOW**

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 237 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

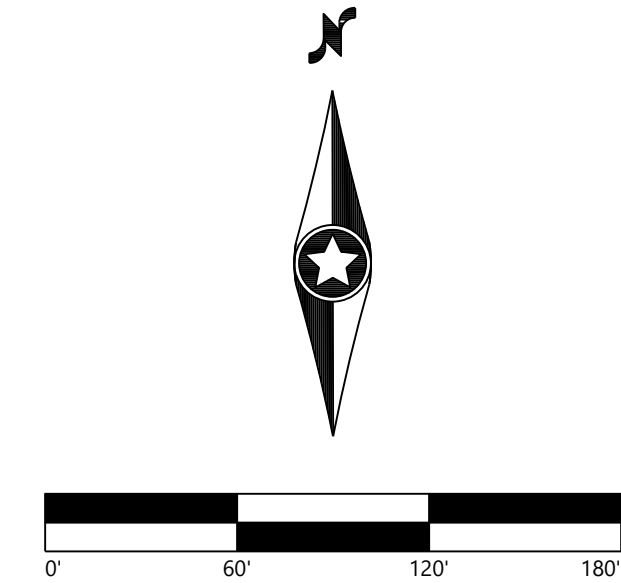


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SIGHT DISTANCE
ROAD T-24

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DATE: 09/06/2024

SHEET: SD.17

REV: 0



HORIZONTAL SITE DISTANCE NOTES:

- 1. FORD RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
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M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

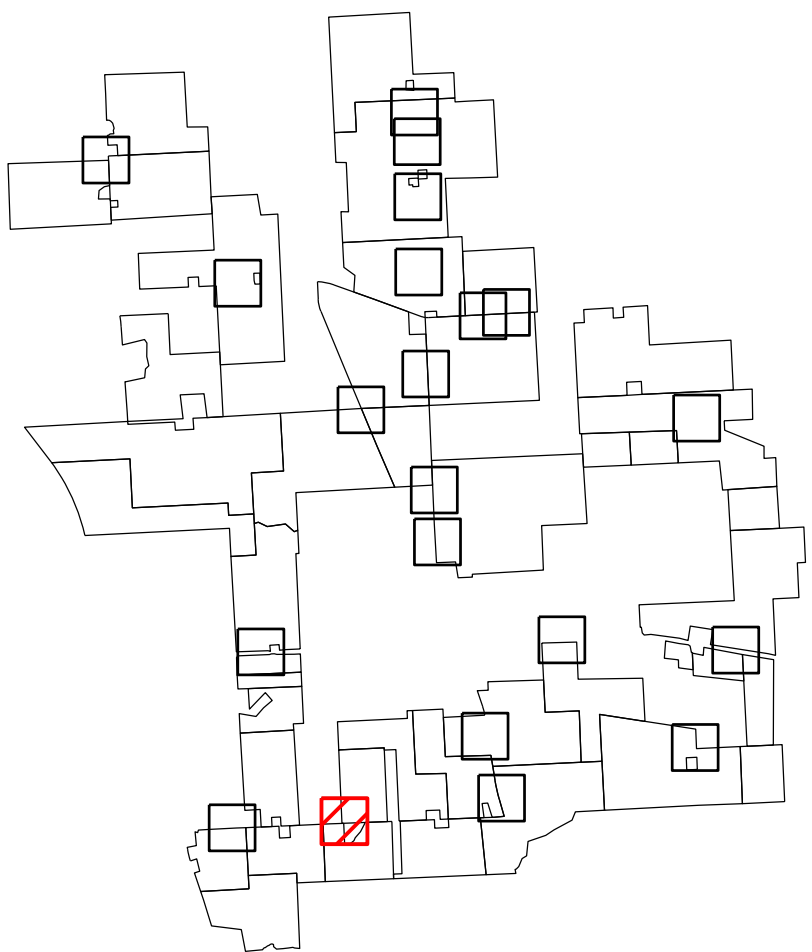
HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

- 1. FORD RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
- 3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: PASS

KEYMAP:

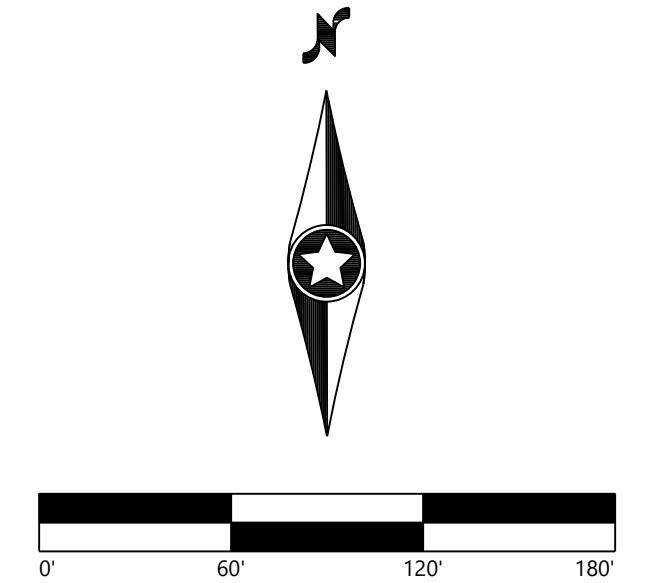


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**SIGHT DISTANCE
ROAD T-23**

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HORIZONTAL SITE DISTANCE NOTES:

- 1. STEWARTS CORNERS RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

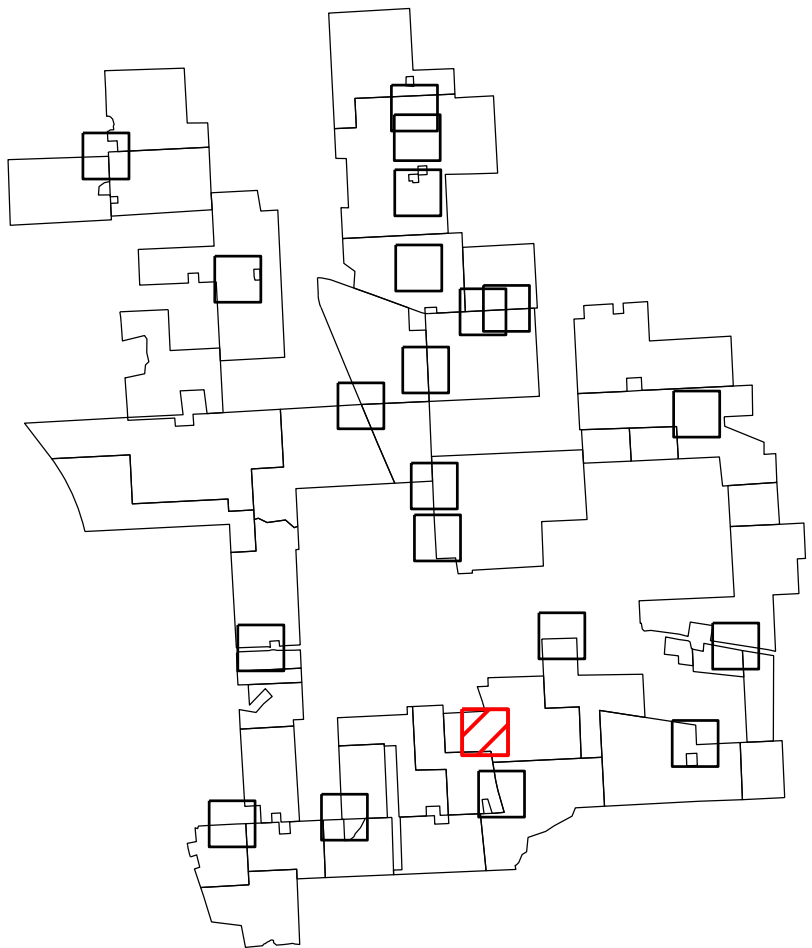
- 1. STEWARTS CORNERS RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
- 3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: **SEE NOTES BELOW**

ENTRANCE ALONG HILL DOES NOT MEET THE 520 FT REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 184 FEET ON EITHER SIDE OF THE ENTRANCE.

KEYMAP:

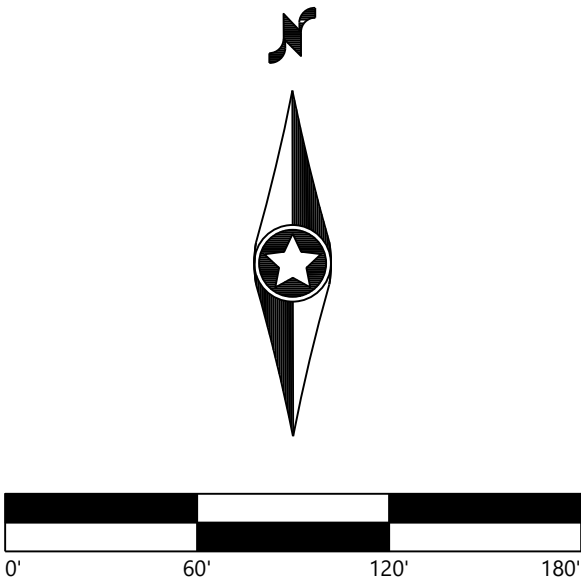


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SIGHT DISTANCE
ROAD T-22

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SHEET:	SD.19	0



HORIZONTAL SITE DISTANCE NOTES:

1. STEWARTS CORNERS RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
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R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

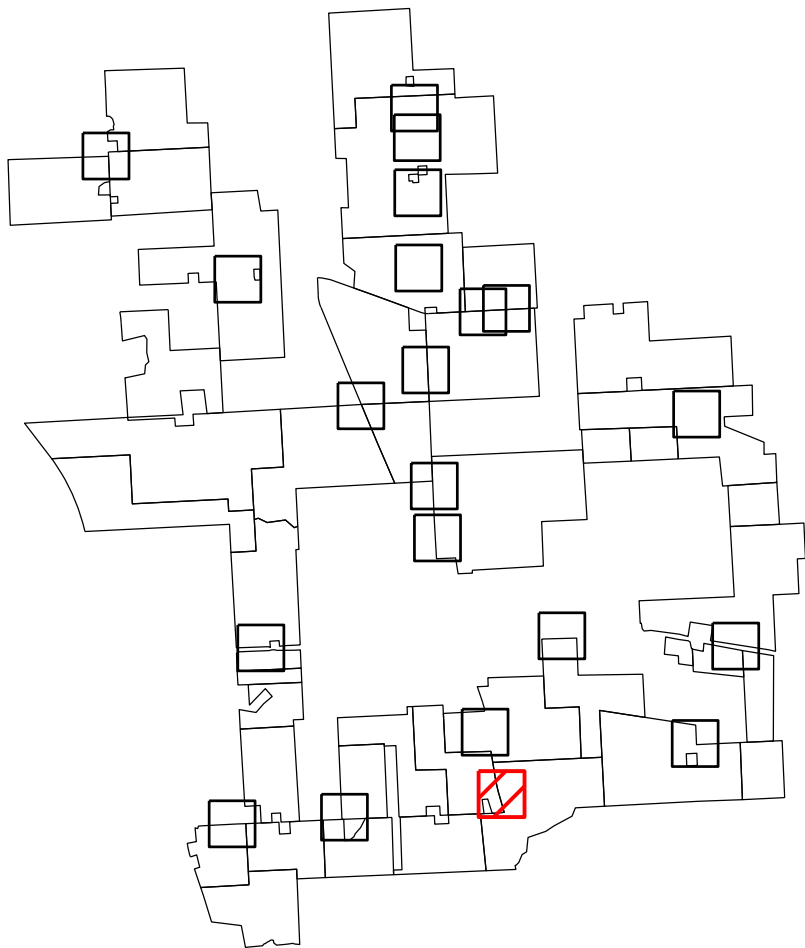
HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

1. STEWARTS CORNERS RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 520 FT.
3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: **PASS**

KEYMAP:

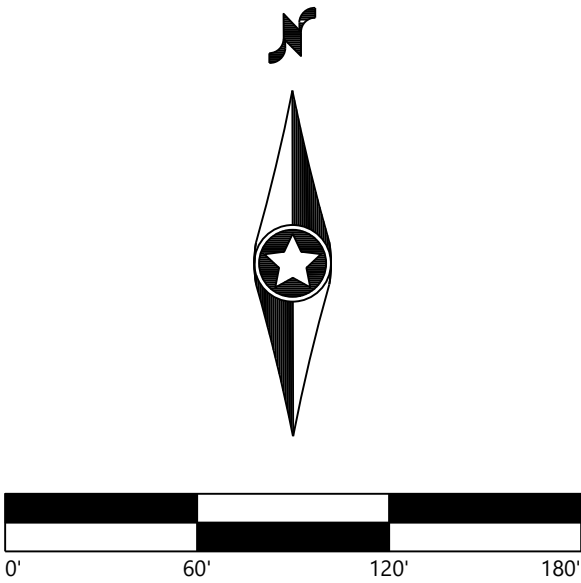


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SIGHT DISTANCE
ROAD T-21

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HORIZONTAL SITE DISTANCE NOTES:

1. E VENICE RD ASSUMED SPEED LIMIT IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
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D=DEGREE OF CURVE

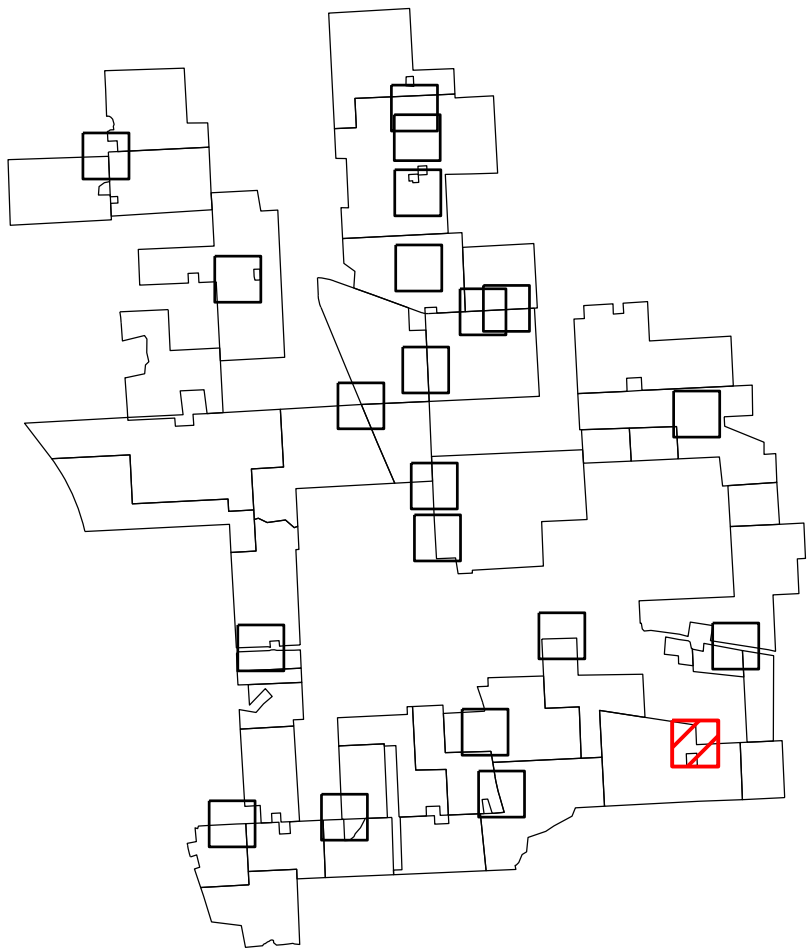
HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

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VERTICAL SITE DISTANCE: PASS

KEYMAP:

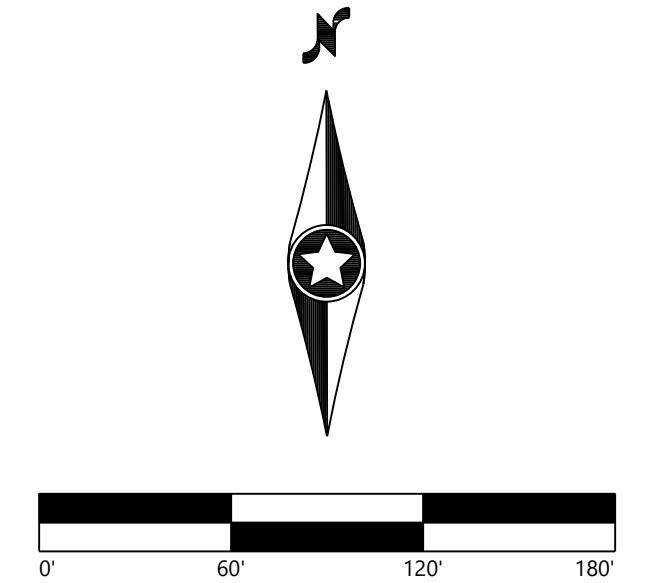


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**SIGHT DISTANCE
ROAD T-19**

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