



**THIS PAGE INTENTIONALLY LEFT BLANK**





RECEPTOR SOUND LEVELS REPRESENT THE SOUND LEVELS AT SIMILAR LAND USES ADJACENT TO THE RECEPTOR IF NO RECEPTOR IS SHOWN.



RECEPTOR SOUND LEVELS REPRESENT THE SOUND LEVELS AT SIMILAR LAND USES ADJACENT TO THE RECEPTOR IF NO RECEPTOR IS SHOWN.

SCALE, FEET 0 300 600

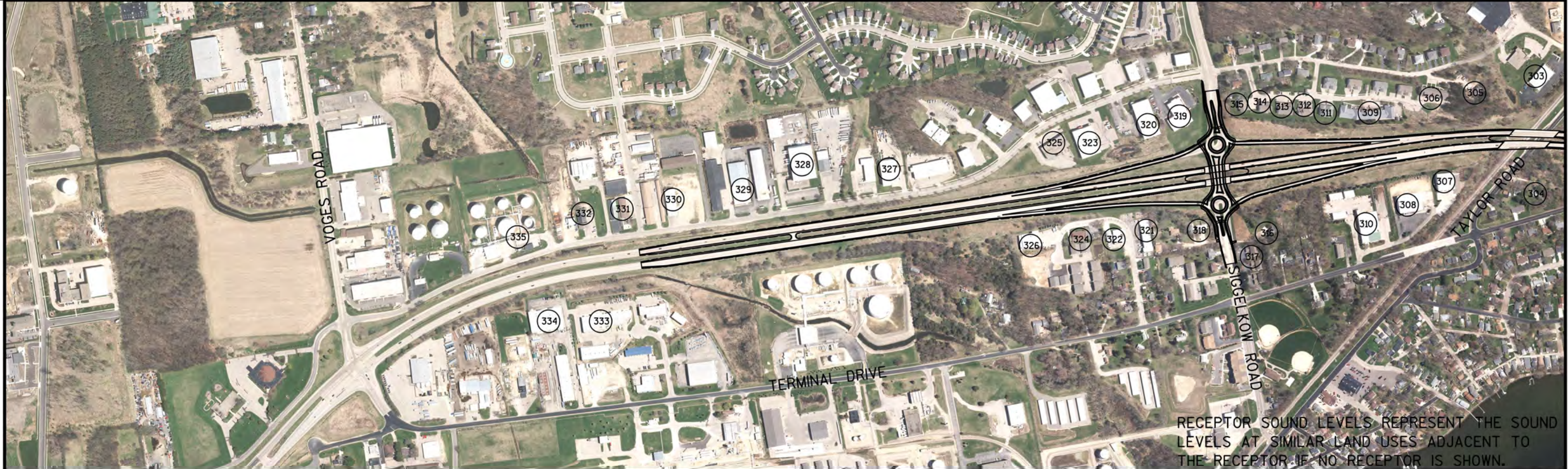
(x) RECEPTOR NUMBER



RECEPTOR SOUND LEVELS REPRESENT THE SOUND LEVELS AT SIMILAR LAND USES ADJACENT TO THE RECEPTOR IF NO RECEPTOR IS SHOWN.



RECEPTOR SOUND LEVELS REPRESENT THE SOUND LEVELS AT SIMILAR LAND USES ADJACENT TO THE RECEPTOR IF NO RECEPTOR IS SHOWN.



PROJECT NO: 5845-06-03    HWY: US 51    COUNTY: DANE COUNTY    NOISE RECEPTOR MAPS    SHEET 6    E

FILE NAME : S:\MAD\1000--1099\1089\134\Micros\DESIGN\30 Percent Design\Exhibits (dgn's)\Noise Maps\Noise Maps 6.dgn    PLOT DATE : 10/29/2020    PLOT BY : \_username\_    PLOT NAME :    PLOT SCALE : \*\*.....plotscale.....\*\* WISDOT/CADS SHEET 42



SCALE, FEET 0 20 40

(X) RECEPTOR NUMBER



**THIS PAGE INTENTIONALLY LEFT BLANK**

**APPENDIX P**  
**SUMMARY OF AGRICULTURAL OPERATIONS SURVEY**

---

**THIS PAGE INTENTIONALLY LEFT BLANK**

## Agricultural Operations Survey Results Summary

The US 51 study team conducted an agricultural operations survey for the ongoing corridor study for US 51 between Stoughton and McFarland.

The survey results produced a greater understanding of the agricultural operations that are along the corridor. The survey helped in identifying road use for farm equipment, connections to US 51, as well as aiding in the important decision-making process regarding current study alternatives.

This survey was designed to gather information about current ownership patterns, road use, access, and crossing points along US 51 and County Highway B (Stoughton Bypass).

- In conducting the survey, 39 of the 127 surveys sent out were returned resulting in a 30.7 percent rate of return.
- After the data collection phase, an inventory chart was created of existing environmental, social, and transportation-related conditions. The chart shows the amount the respondents leased or rented as 1,448.5 acres and a total of 3,463.5 acres that are owned.
- Of the 39 returned surveys, 11 respondents indicated their agricultural operation was divided by US 51 or other roads, resulting in 32.4 percent.
- Those who cross US 51 for farm activities, 12 responses were recorded, equating to 79 percent of the trips.
- Out of 33 responses, 36.4 percent indicated US 51 as the main access to their operation.
- For those who travel on US 51 for farm activities, 13 responses were recorded, equating to 47.2 percent of the trips.
- Those who use vehicles daily to access their main operations: trucks equated to approximately 61 times per day, equipment roughly 41 times per day, and other vehicles roughly 48 times per day.
- The total percentage of trips to access fields with agricultural equipment for both crossing and traveling on US 51 were the highest percentages out of the three categories given in the survey.

**THIS PAGE INTENTIONALLY LEFT BLANK**