## LOG OF PROJECT

Remove existing curve signing. Install horizontal curve signs at each location per the tables below. Tables run south to north.

A yellow reflectorize panel shall be placed on each side of the post.

## Curve \#A - CR 489 at Deeter Road

Lat 44.657556, Long -84.271806
Section 11, T26N, R1E, Big Creek Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | Post Length Ft | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-2L | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 | 145 ft |
| W-18R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W-18R | IIIB | $18 " \times 24$ " | 3 | 14 |  |
|  |  |  |  |  |  |
| W1-2R | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |

Sign, Rem<br>Post, Steel, 3 lb<br>Sign, Type IIIB<br>Reflective Panel for Permanent Sign Support, 6 foot Fdn, Wood Support, Rem

| 2 | Ea |
| :--- | :--- |
| 112 | Ft |
| 30.5 | Stt |
| 8 | Ea |
| 2 | Ea |

Curve \#B and \#C, CR 489 at Knott Road
Curve \#N Lat 44.668111, Long -84.290917
Curve \#O Lat 44.667583, Long -84.288750
Section 2, T26N, R1E, Big Creek Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 125 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | $\begin{gathered} \text { Post Length } \\ \mathrm{Ft} \end{gathered}$ | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-4L | IIIB | 30 "x30" | 6.25 | 14 |  |
| W13-1 (40 mph) | IIIB | 18"X18" | 2.25 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 | Curve \#B <br> (North) 115 ft |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | $18^{\prime \prime} \times 24$ " | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" |  | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 | $\begin{gathered} \hline \text { Curve \#C } \\ 108 \mathrm{ft} \\ \hline \end{gathered}$ |
| W1-8R | IIIB | $18 " \times 24$ " | 3 | 14 |  |
| W1-4L | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W1-13 (40 mph) | IIIB | 18"X18" | 2.25 |  |  |

Sign, Rem
Post, Steel, 3 lb
Sign, Type IIIB
Reflective Panel for Permanent Sign Support, 3 foot
Reflective Panel for Permanent Sign Support, 6 foot Fdn, Wood Support, Rem

| 4 | Ea |
| :--- | :--- |
| 168 | Ft |
| 47 | Stt |
| 2 | Ea |
| 10 | Ea |
| 3 | Ea |

## Curve \#D - CR 489 North of Miller Road

Lat 44.7328048, Long -84.2925942
Section 15, T27N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | $\begin{gathered} \text { Post Length } \\ \mathrm{Ft} \end{gathered}$ | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-2L | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 | 155 ft |
| W-18R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W-18R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W-18R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | $18 " \times 24$ " | 3 | 14 |  |
| W1-8R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | $18 " \times 24$ " | 3 | 14 |  |
|  |  |  |  |  |  |
| W1-2R | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| Sign, Rem |  |  |  | 2 Ea |  |
|  |  |  |  | 224 Ft |  |
| Post, Steel, 3 lb <br> Sign, Type IIIB |  |  |  | 54.5 Sft |  |
| Reflective Panel for Permanent Sign Support, 6 foot |  |  |  | 16 Ea |  |

## Curve \#E - CR 489 North of Griffin Rd

Lat 44.7361871, Long -84.2975931
Section 15, T27N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | $\begin{gathered} \text { Post Length } \\ \mathrm{Ft} \end{gathered}$ | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-2L | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W1-8L | IIIB | $18 " \times 24$ " | 3 | 14 | 176 ft |
| W-18R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8R | IIIB | 18"x24" | 3 | 14 |  |
| W1-2R | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |

Sign, Rem<br>Post, Steel, 3 lb<br>Sign, Type IIIB<br>Reflective Panel for Permanent Sign Support, 6 foot

1 Ea
$84 \quad \mathrm{Ft}$
24.5 Sft

6 Ea

Curve \#F - CR 489 South of Pine Ayre Rd
Lat 44.7386680, Long -84.2991096
Section 15, T27N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | Post Length Ft | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-2L | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 | 127 ft |
| W-18R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | $18 " \times 24$ " | 3 | 14 |  |
| W1-2R | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |

Sign, Rem
Post, Steel, 3 Ib
Sign, Type IIIB
Reflective Panel for Permanent Sign Support, 6 foot

1 Ea
$84 \quad \mathrm{Ft}$
24.5 Sft

6 Ea

Curve \#G, H, I - CR 489 North of Pine Ayre Rd
Curve \#G Lat 44.7423214, Long -84.2991652
Curve \#H Lat 44.7442205, Long -84.2978375
Curve \#I Lat 44.7472035, Long -84.2976334
Section 10, T27N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | Post Length Ft | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-5R | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W1-8R | IIIB | 18"x24" | 3 | 14 | Curve \#G (South) 150 ft |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 | Curve \#H 145 ft |
| W1-8R | IIIB | $18^{\prime \prime} \times 24^{\prime \prime}$ | 3 | 14 |  |
| W1-8L | IIIB | $18^{\prime \prime} \times 24$ " | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 | Curve \#l (North) 142 ft |
| W1-8R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-5R | IIIB | 30 "x30" | 6.25 | 14 |  |

Sign, Rem<br>Post, Steel, 3 lb<br>Sign, Type IIIB<br>Reflective Panel for Permanent Sign Support, 6 foot

| 2 | Ea |
| :--- | :--- |
| 252 | Ft |
| 60.5 | Sft |
| 18 | Ea |

Curve \#J - CR 489 North of Curve \#I
Lat 44.7514812, Long -84.2983113
Section 10, T27N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | $\begin{gathered} \text { Post Length } \\ \mathrm{Ft} \end{gathered}$ | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-2L | IIIB | 30"x30" | 6.25 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 | 147 ft |
| W-18R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W-18R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8R | IIIB | 18"x24" | 3 | 14 |  |
| W1-2R | IIIB | 30"x30" | 6.25 | 14 |  |


| Sign, Rem | 2 | Ea |
| :--- | :--- | :--- |
| Post, Steel, 3 Ib | 140 | Ft |
| Sign, Type IIIB | 36.5 | Sft |
| Reflective Panel for Permanent Sign Support, 6 foot | 10 | Ea |

## Curve \#K - CR 489 South of Pine Haven Rd

Lat 44.755385, Long -84.297544
Section 3, T28N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area <br> sft | Post Length <br> Ft | Chevron <br> Spacing |
| :---: | :---: | :--- | :---: | :---: | :---: |
| W1-2L | IIIB | $30 " \times 30 "$ | 6.25 | 14 |  |
| W1-8L |  |  |  |  |  |
| W-18R | IIIB | $18 " \times 24 "$ | 3 | 14 |  |
| W1-8L | IIIB | $18 " \times 24 "$ | $18 " \times 24 "$ | 3 | 3 |
| 170 ft |  |  |  |  |  |
|  | IIIB | $18 " \times 24 "$ | 3 | 14 | 14 |
| W1-8L | IIIB | $18 " \times 24 "$ | 3 | 14 |  |
| W-18R | IIIB | $18 " \times 24 "$ | 3 | 14 |  |
| W1-2R |  |  |  |  |  |


| Sign, Rem | 1 | Ea |
| :--- | :--- | :--- |
| Post, Steel, 3 lb | 112 | Ft |
| Sign, Type IIIB | 30.5 | Sft |
| Reflective Panel for Permanent Sign Support, 6 foot | 8 | Ea |

Curve \#L - CR 489 South of Pine Haven Rd
Lat 44.757406, Long -84.298573
Section 3, T27N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area <br> sft | Post Length <br> Ft | Chevron <br> Spacing |
| :---: | :---: | :--- | :---: | :---: | :---: |
| W1-2L | IIIB | $30 " \times 30 "$ | 6.25 | 14 |  |
| W1-8L |  |  |  |  |  |
| W-18R | IIIB | $18 " \times 24 "$ | 3 | 14 | 167 ft |
| W1-8L | IIIB | $18 " \times 24 "$ | $18 " \times 24 "$ | 3 |  |
| W1-8R | IIIB | $18 " \times 24 "$ | 3 | 14 |  |
|  |  |  |  | 14 |  |
| W1-2R | IIIB | $30 " \times 30 "$ | 6.25 | 14 |  |


| Sign, Rem | 1 | Ea |
| :--- | :--- | :--- |
| Post, Steel, 3 lb | 84 | Ft |
| Sign, Type IIIB | 24.5 | Sft |
| Reflective Panel for Permanent Sign Support, 6 foot | 6 | Ea |

Curve \#M - CR 489 North of Pine Haven Rd
Lat 44.760111, Long -84.301847
Section 3, T27N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area <br> sft | Post Length <br> Ft | Chevron <br> Spacing |
| :---: | :---: | :--- | :---: | :---: | :---: |
| W1-2L | IIIB | $30 " \times 30 "$ | 6.25 | 14 |  |
| W1-8L |  |  |  |  |  |
| W-18R | IIIB | $18 " \times 24 "$ | 3 | 14 |  |
| W1-8L | IIIB | $18 " \times 24 "$ | $18 " \times 24 "$ | 3 | 14 |
| W1-8R | IIIB | $18 " \times 24 "$ | 3 | 14 | 155 ft |
| W1-8L | IIIB | $18 " \times 24 "$ | 3 | 14 |  |
| W-18R | IIIB | $18 " \times 24 "$ | 3 | 14 | 14 |

Post, Steel, 3 lb
Sign, Type IIIB
Reflective Panel for Permanent Sign Support, 6 foot

| 112 | Ft |
| :--- | :--- |
| 30.5 | Sft |
| 8 | Ea |

8 Ea

Curve \#N - CR 489 North of Pine Haven Rd
Lat 44.762324, Long -84.306821
Section 3, T27N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve.
Place indicated warning signs 112.5 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | $\begin{gathered} \text { Post Length } \\ \mathrm{Ft} \end{gathered}$ | Chevron <br> Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-2R | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W13-1 (45 mph) | IIIB | 18"X18" | 2.25 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 | 113 ft |
| W-18R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W-18R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8R | IIIB | 18 "x24" | 3 | 14 |  |
| W1-8L | IIIB | $18 " \times 24$ " | 3 | 14 |  |
| W-18R | IIIB | $18 " \times 24$ " | 3 | 14 |  |
|  |  |  |  |  |  |
| W1-2L | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W13-1 ( 45 mph ) | IIIB | 18"X18" | 2.25 |  |  |


| Sign, Rem | 4 | Ea |
| :--- | :--- | :--- |
| Post, Steel, 3 lb | 168 | Ft |
| Sign, Type IIIB | 47 | Sft |
| Reflective Panel for Permanent Sign Support, 3 foot | 2 | Ea |
| Reflective Panel for Permanent Sign Support, 6 foot | 10 | Ea |

Curve \#O - CR 489 North of Town Hall Rd
Lat 44.773896, Long -84.310997
Section 34, T28N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced as indicated in the table along the curve. Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | Post Length Ft | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-2L | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 | 100 ft |
| W-18R | IIIB | 18"x24" | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8R | IIIB | 18"x24" | 3 | 14 |  |
| W1-2R | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |


| Sign, Rem | 1 | Ea |
| :--- | :--- | :--- |
| Post, Steel, 3 Ib | 84 | Ft |
| Sign, Type IIIB | 24.5 | Sft |
| Reflective Panel for Permanent Sign Support, 6 foot | 6 | Ea |

Curve \#P - South of Farrington Rd
Lat 44.777703, Long -84.313067
Section 34, T28N, R1E, Greenwood Township
Place chevrons (one facing each direction of traffic) spaced at 135 ft along the curve.
Place indicated warning signs 100 ft prior to beginning and end of curve with speed plaque placed below

| Code | Type | Size | Area sft | Post Length Ft | Chevron Spacing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| W1-2R | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |
| W1-8L | IIIB | 18 "x24" | 3 | 14 | 135 ft |
| W-18R | IIIB | $18 " \times 24$ " | 3 | 14 |  |
| W1-8L | IIIB | 18"x24" | 3 | 14 |  |
| W1-8R | IIIB | $18 " \times 24$ " | 3 | 14 |  |
| W1-8L | IIIB | $18 " \times 24$ " | 3 | 14 |  |
| W1-8R | IIIB | 18"x24" | 3 | 14 |  |
| W1-2L | IIIB | $30 " \times 30$ " | 6.25 | 14 |  |


| Sign, Rem | 1 | Ea |
| :--- | :--- | :--- |
| Post, Steel, 3 Ib | 112 | Ft |
| Sign, Type IIIB | 30.5 | Sft |
| Reflective Panel for Permanent Sign Support, 6 foot | 8 | Ea |

# OSCODA COUNTY ROAD COMMISION SPECIAL PROVISION <br> FOR <br> SIGN, REM 

HURON/RER
1 OF 1
09-28-2022
a. Description. This work shall be done in accordance with the requirements of Section 810 of the Standard Specifications except as herein specified.
b. Construction Methods. This work shall be done in accordance with the requirements of Section 810 of the Standard Specifications.

Remove existing supports, sign bands, attaching or fastening hardware, and signs from supports. Stack by shape and size and deliver the sign faces to the road commission garage at 300 W Eighth Street, Mio, MI daily. The sign faces and all posts become property of the Oscoda County Road Commission.

Removed signs, posts, and hardware will not be left on the roadside after removal.
c. Materials. This work shall be done in accordance with the requirements of Section 810 of the Standard Specifications.
d. Measurement and Payment. Measurement and Payment shall be at the contract unit price per Each. All signs attached to a post are paid as a single removal.
$\frac{\text { Pay Item }}{\text { Sign, Rem }} \quad \frac{\text { Pay Unit }}{\text { Each }}$

